

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114615.D
 Acq On : 25 May 2019 20:16
 Operator : JU/SJ
 Sample : PB119956BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119956BS

Quant Time: May 26 23:46:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141992	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	530598	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	246637	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	481248	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	348964	20.00	ng	-0.02
87) Perylene-d12	15.43	264	327926	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1125366	127.54	ng	0.00
7) Phenol-d6	6.45	99	1412390	135.34	ng	-0.01
23) Nitrobenzene-d5	7.37	82	850839	89.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	336319	131.90	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1541793	94.56	ng	-0.02
79) Terphenyl-d14	12.90	244	1540096	90.98	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	209169	43.129	ng	98
3) Pyridine	3.36	79	401977	30.083	ng	98
4) n-Nitrosodimethylamine	3.31	42	216838	33.651	ng	97
6) Aniline	6.47	93	411028	27.266	ng	# 58
8) 2-Chlorophenol	6.59	128	407358	43.246	ng	96
9) Benzaldehyde	6.35	77	195725	26.790	ng	96
10) Phenol	6.46	94	495059	40.326	ng	86
11) bis(2-Chloroethyl)ether	6.53	93	389074	41.746	ng	99
12) 1,3-Dichlorobenzene	6.74	146	428438	40.520	ng	98
13) 1,4-Dichlorobenzene	6.82	146	435985	40.920	ng	98
14) 1,2-Dichlorobenzene	6.97	146	404070	41.511	ng	98
15) Benzyl Alcohol	6.95	79	317297	38.984	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	685468	37.932	ng	58
17) 2-Methylphenol	7.07	107	318815	41.203	ng	# 89
18) Hexachloroethane	7.31	117	158947	39.743	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	272573	41.207	ng	98
20) 3+4-Methylphenols	7.22	107	420339	47.018	ng	# 69
22) Acetophenone	7.21	105	547114	46.545	ng	# 89
24) Nitrobenzene	7.39	77	421691	43.791	ng	97
25) Isophorone	7.62	82	761690	43.439	ng	98
26) 2-Nitrophenol	7.70	139	218636	46.797	ng	99
27) 2,4-Dimethylphenol	7.75	122	350956	47.829	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	481475	42.319	ng	98
29) 2,4-Dichlorophenol	7.95	162	335512	45.919	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	354979	42.724	ng	99
31) Naphthalene	8.10	128	1148523	46.339	ng	97
32) Benzoic acid	7.90	122	188433	37.768	ng	99
33) 4-Chloroaniline	8.16	127	298882	26.463	ng	98
34) Hexachlorobutadiene	8.22	225	198993	42.093	ng	99
35) Caprolactam	8.53	113	57861	24.286	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	346232	47.076	ng	97
37) 2-Methylnaphthalene	8.80	142	764403	47.802	ng	98
38) 1-Methylnaphthalene	8.90	142	725284	48.162	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	350490	46.912	ng	99

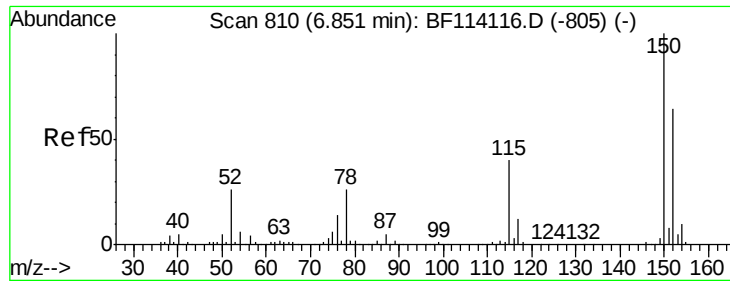
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	149659	44.997	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	209968	40.859	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	218043	41.373	ng	96
46) 1,1'-Biphenyl	9.26	154	926017	46.475	ng	98
47) 2-Chloronaphthalene	9.29	162	709419	44.241	ng	98
48) 2-Nitroaniline	9.39	65	231494	40.706	ng	97
49) Acenaphthylene	9.70	152	1111643	45.580	ng	98
50) Dimethylphthalate	9.56	163	780045	43.083	ng	99
51) 2,6-Dinitrotoluene	9.63	165	175870	43.795	ng	98
52) Acenaphthene	9.87	154	658843	44.023	ng	99
53) 3-Nitroaniline	9.80	138	135731	27.228	ng	93
54) 2,4-Dinitrophenol	9.93	184	140907	70.643	ng	92
55) Dibenzofuran	10.05	168	951695	43.366	ng	98
56) 4-Nitrophenol	9.99	139	175458	49.771	ng	99
57) 2,4-Dinitrotoluene	10.04	165	219732	40.313	ng	# 78
58) Fluorene	10.39	166	775123	45.727	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	181339	39.878	ng	99
60) Diethylphthalate	10.26	149	787206	42.792	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	373283	44.836	ng	97
62) 4-Nitroaniline	10.42	138	189823	36.238	ng	96
63) Azobenzene	10.54	77	756593	42.489	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	101698	43.978	ng	89
66) n-Nitrosodiphenylamine	10.50	169	675811	46.269	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	231609	43.710	ng	95
68) Hexachlorobenzene	10.95	284	246042	41.973	ng	# 91
69) Atrazine	11.02	200	196390	43.207	ng	98
70) Pentachlorophenol	11.15	266	148950	53.603	ng	99
71) Phenanthrene	11.35	178	1085702	46.371	ng	98
72) Anthracene	11.40	178	1137305	48.362	ng	99
73) Carbazole	11.56	167	1050387	46.839	ng	99
74) Di-n-butylphthalate	11.88	149	1210861	46.868	ng	99
75) Fluoranthene	12.54	202	1175954	46.641	ng	99
77) Benzidine	12.66	184	583364	37.241	ng	97
78) Pyrene	12.77	202	1184577	42.197	ng	99
80) Butylbenzylphthalate	13.37	149	533049	45.113	ng	98
81) Benzo(a)anthracene	13.96	228	983704	43.583	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	285234	32.576	ng	99
83) Chrysene	14.00	228	999298	45.164	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	725985	46.978	ng	99
85) Di-n-octyl phthalate	14.54	149	1182550	47.205	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	883364	45.175	ng	99
88) Benzo(b)fluoranthene	15.00	252	1015542	48.339	ng	99
89) Benzo(k)fluoranthene	15.03	252	849319	44.009	ng	98
90) Benzo(a)pyrene	15.37	252	871939	47.159	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	744882	48.483	ng	99
92) Benzo(g,h,i)perylene	17.33	276	770533	50.045	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

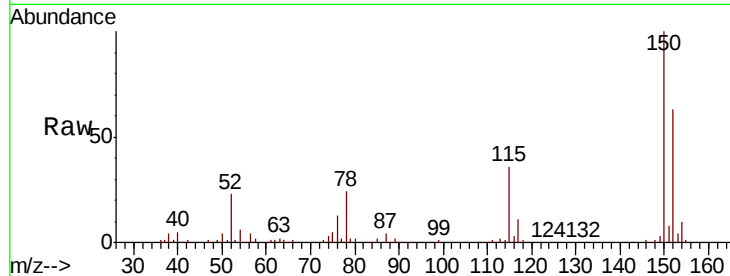


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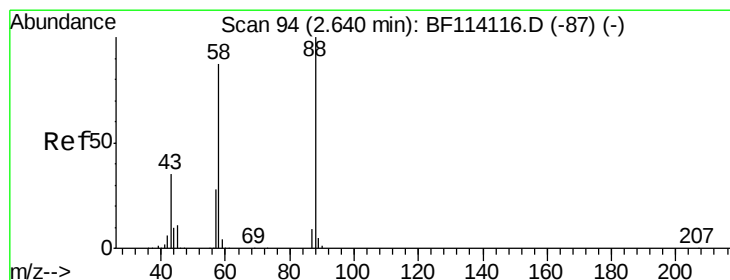
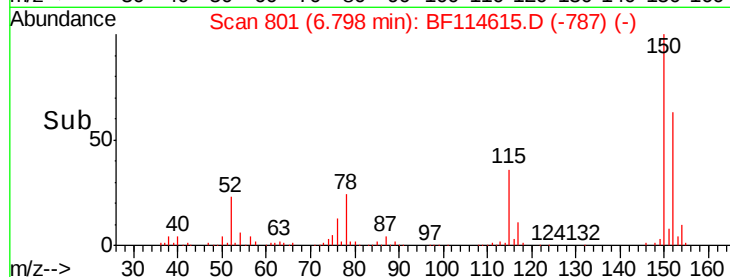
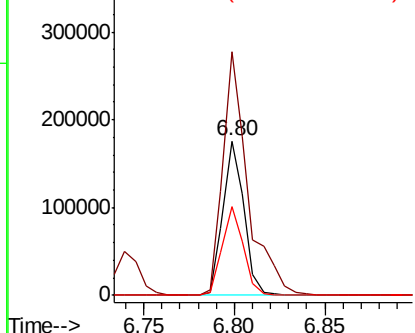
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion:152 Resp: 141992
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 57.5 49.1 73.7



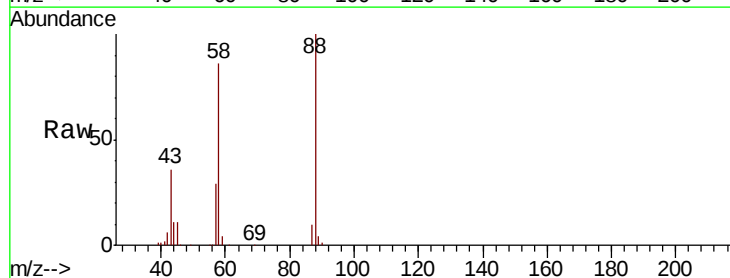
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



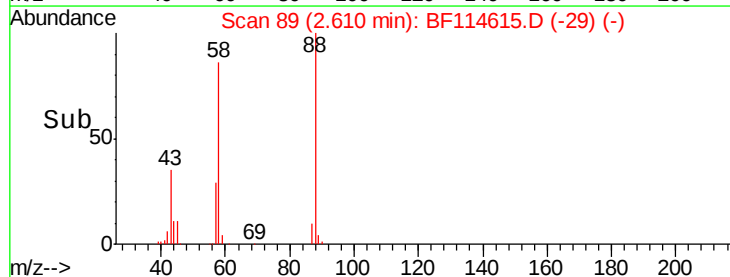
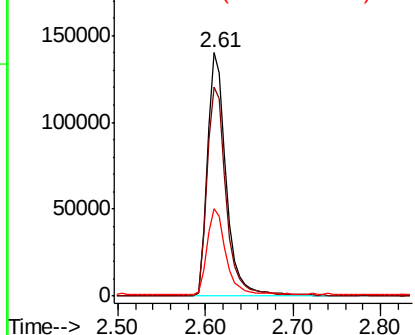
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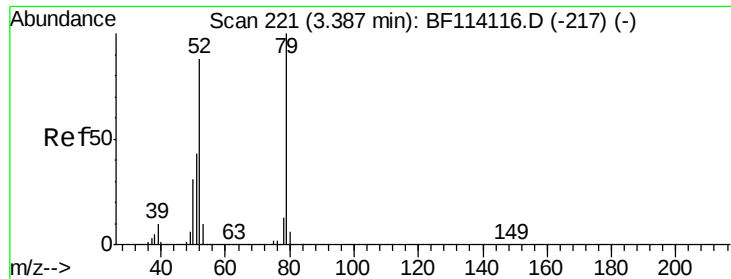
1,4-Dioxane
Concen: 43.129 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.05 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion: 88 Resp: 209169
Ion Ratio Lower Upper
88 100
58 87.8 68.7 103.1
43 34.8 28.2 42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.083 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

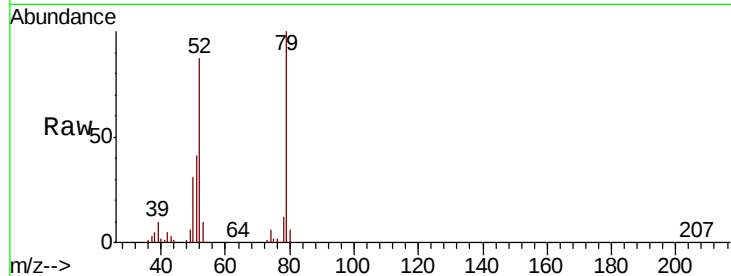
Tot Ion: 79 Resp: 401977

Ion Ratio Lower Upper

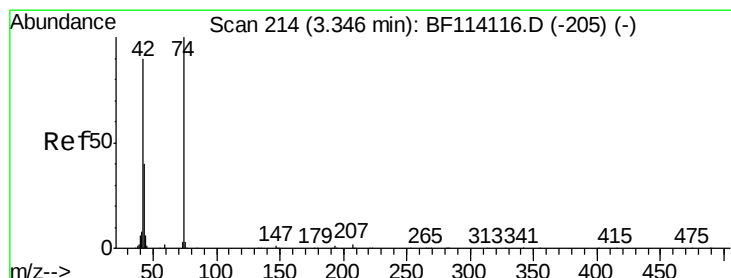
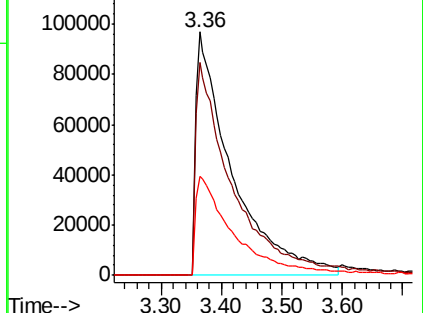
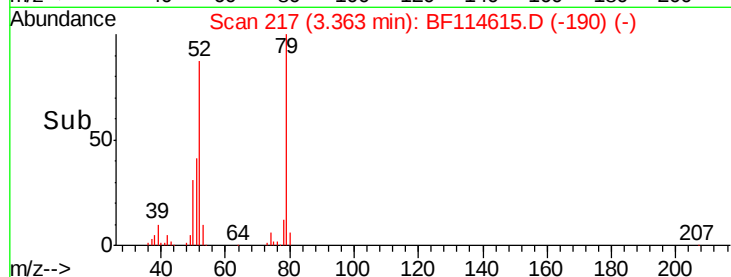
79 100

52 87.3 70.6 105.8

51 40.9 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.651 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.05 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

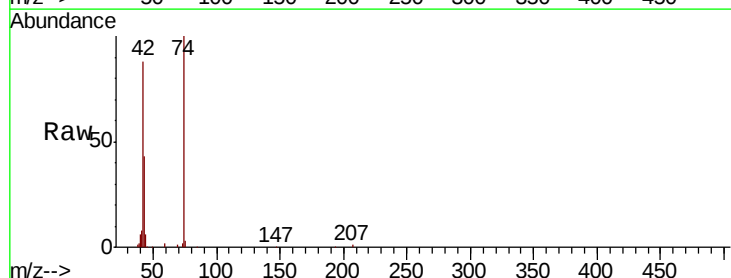
Tgt Ion: 42 Resp: 216838

Ion Ratio Lower Upper

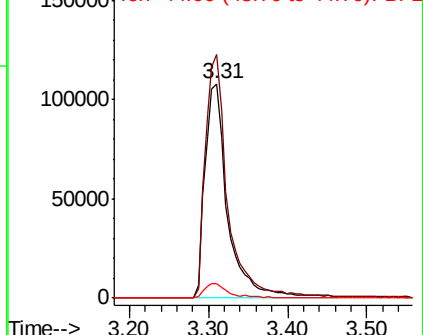
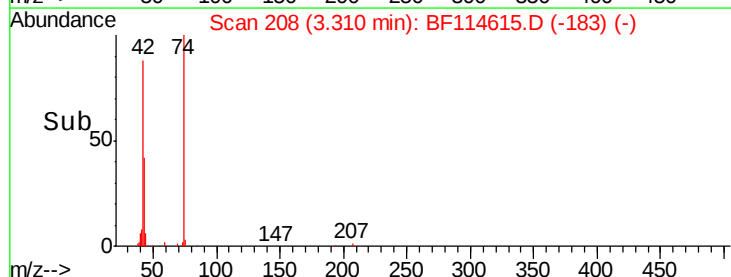
42 100

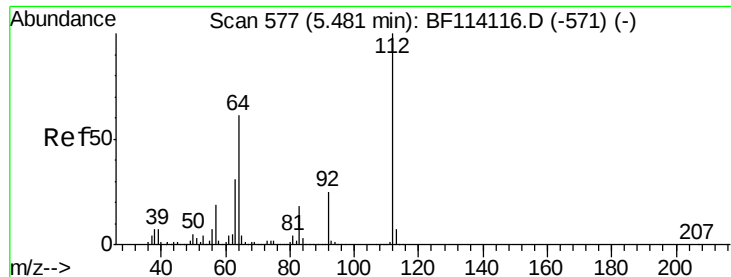
74 113.6 88.6 132.8

44 6.7 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 127.543 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

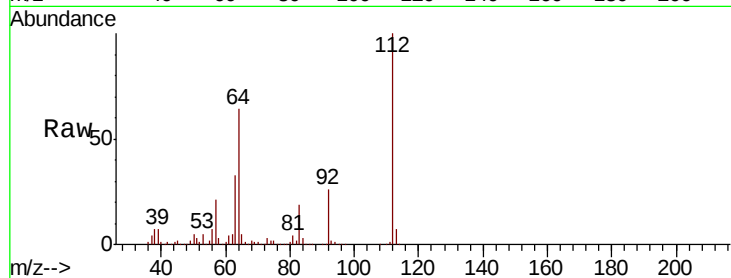
Tot Ion:112 Resp: 1125366

Ion Ratio Lower Upper

112 100

64 64.2 49.0 73.6

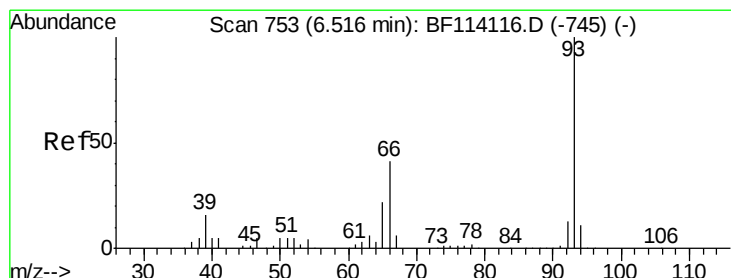
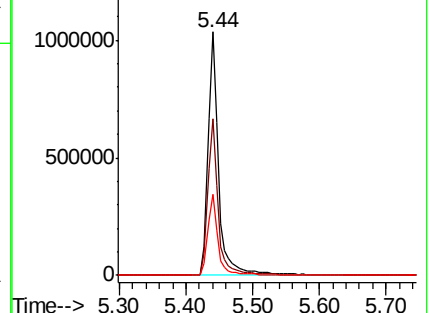
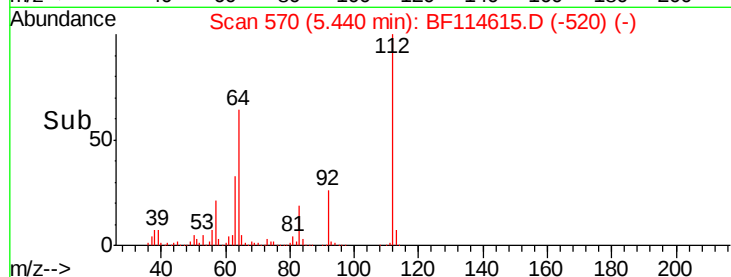
63 33.4 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.266 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

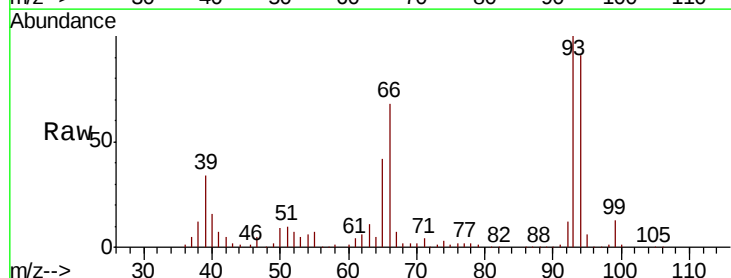
Tgt Ion: 93 Resp: 411028

Ion Ratio Lower Upper

93 100

66 68.0 33.2 49.8#

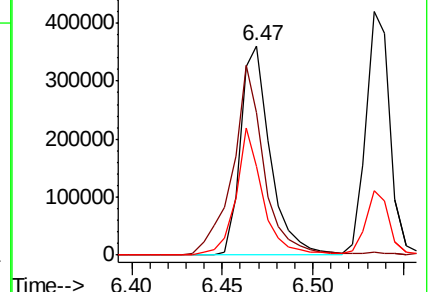
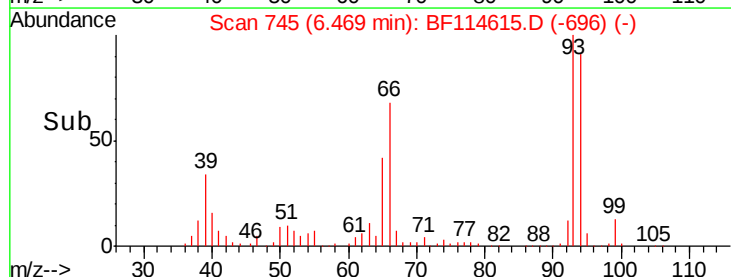
65 42.1 17.6 26.4#

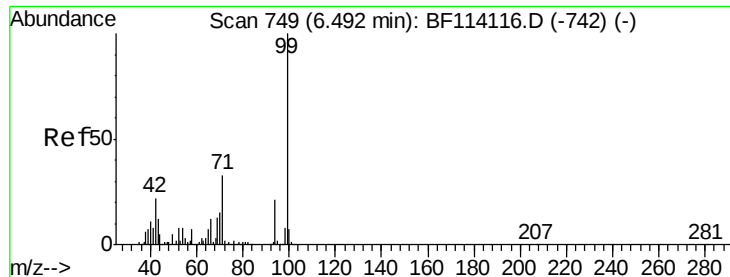


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 135.342 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

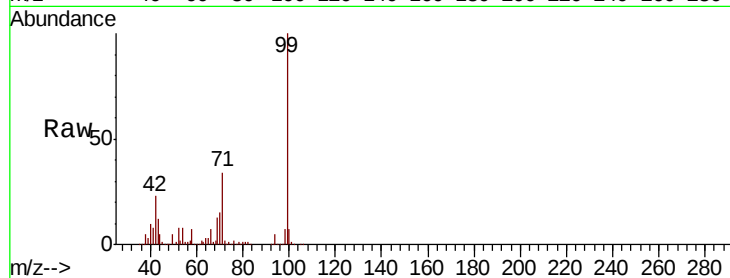
BNA_F

ClientSampleId :

PB119956BS

Tot Ion: 99 Resp: 1412390

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	34.4	26.2	39.2

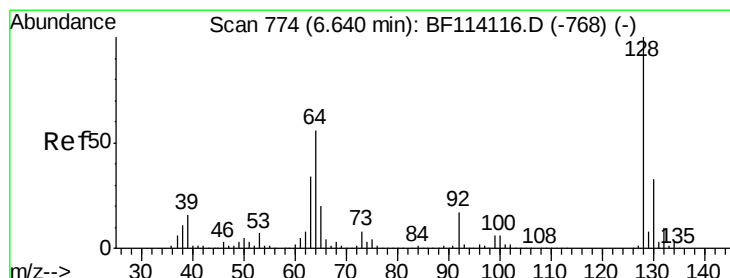
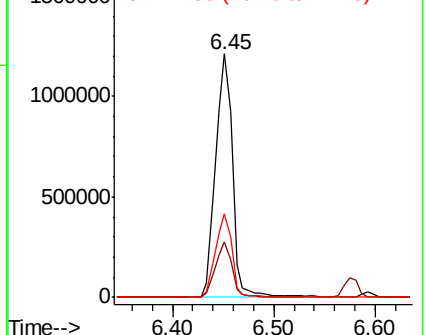
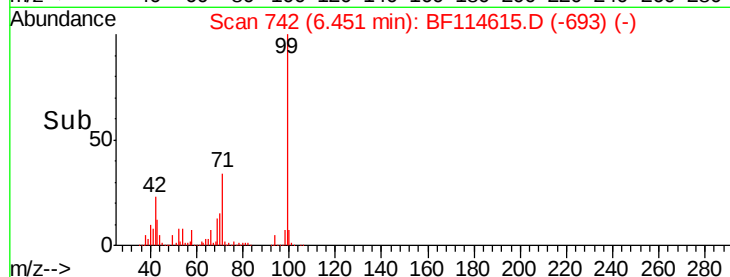


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.246 ng

RT: 6.59 min Scan# 766

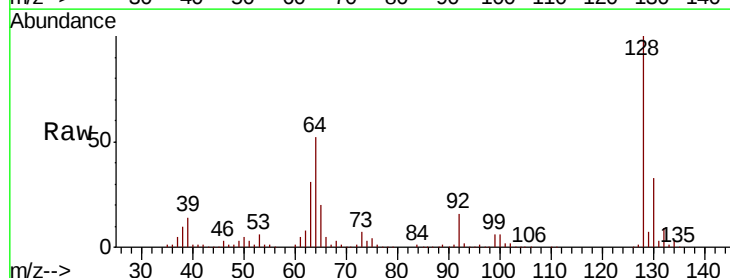
Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Tgt Ion: 128 Resp: 407358

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	51.9	35.9	75.9

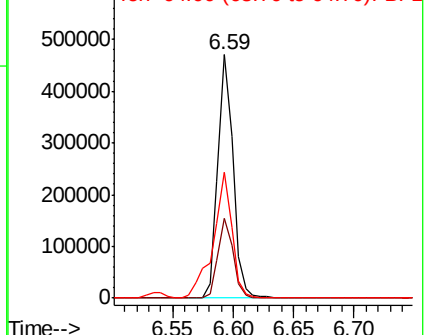
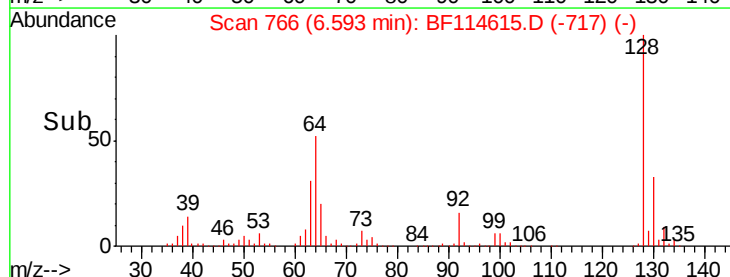


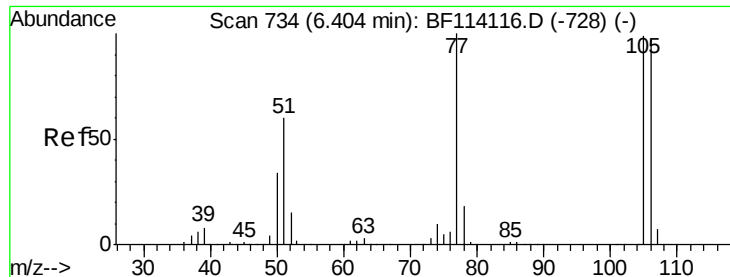
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

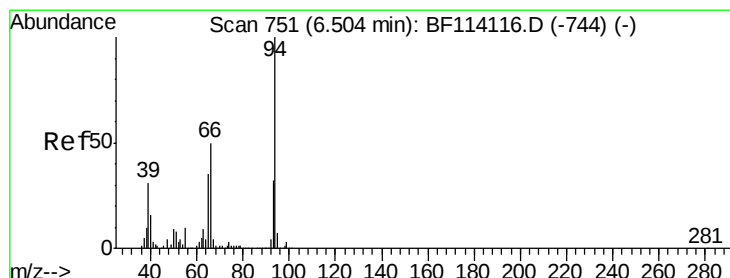
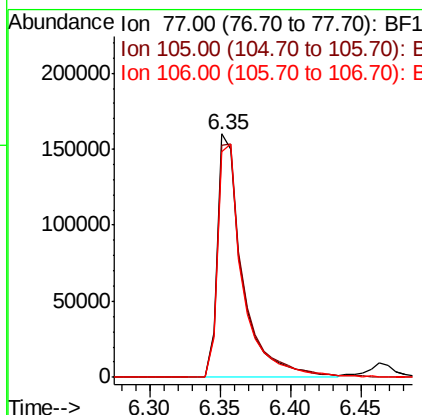
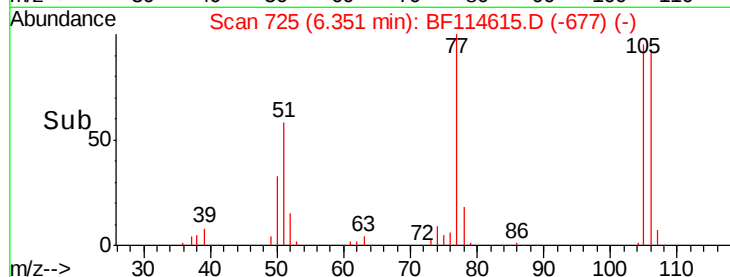
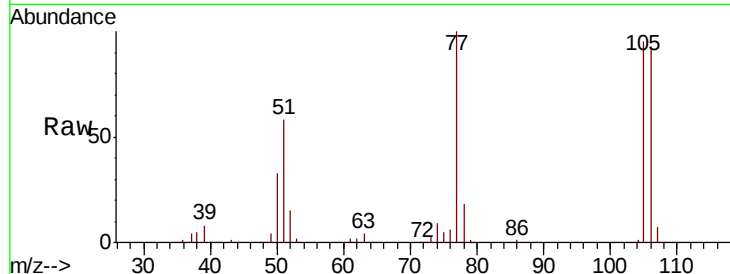




#9
Benzaldehyde
Concen: 26.790 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

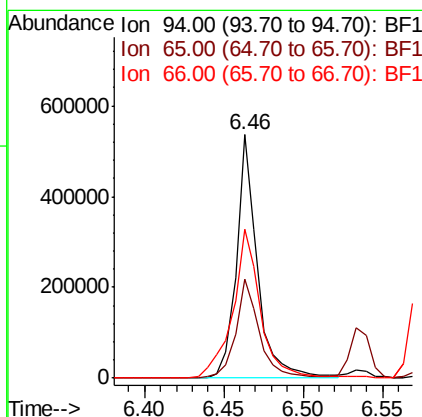
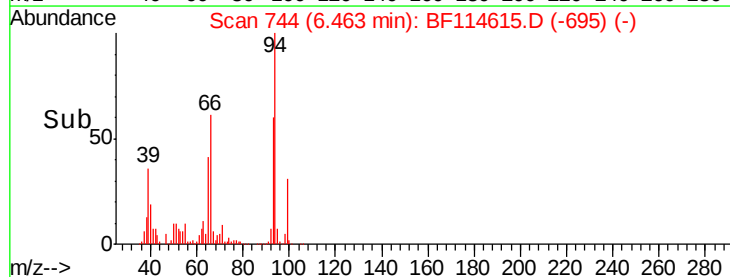
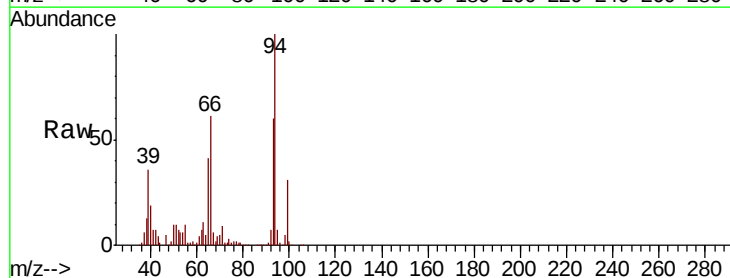
Instrument :
BNA_F
ClientSampleId :
PB119956BS

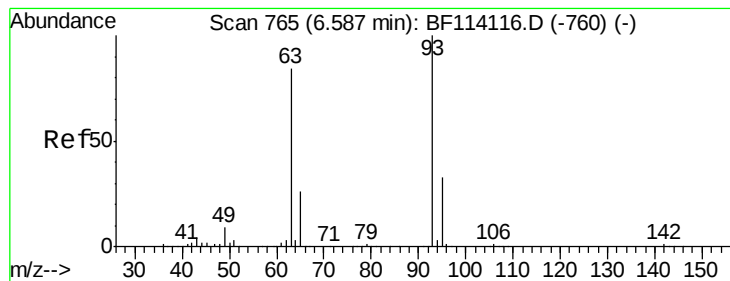
Tot Ion	Ratio	Lower	Upper
77	100		
105	95.1	79.3	119.3
106	92.5	77.0	117.0



#10
Phenol
Concen: 40.326 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.8	14.7	54.7
66	61.1	29.6	69.6

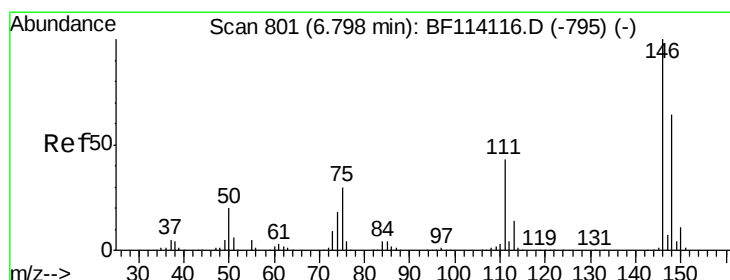
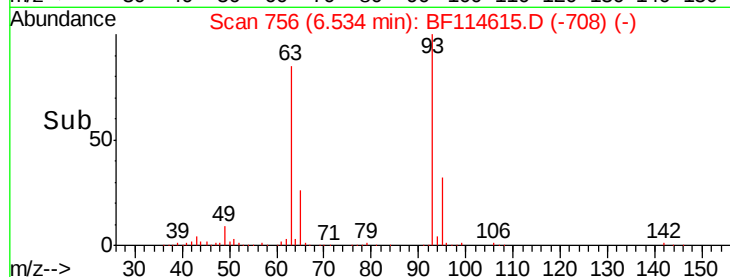
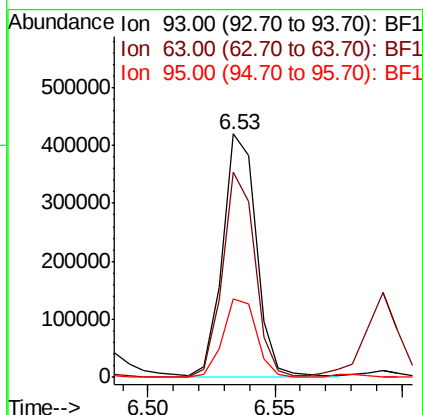
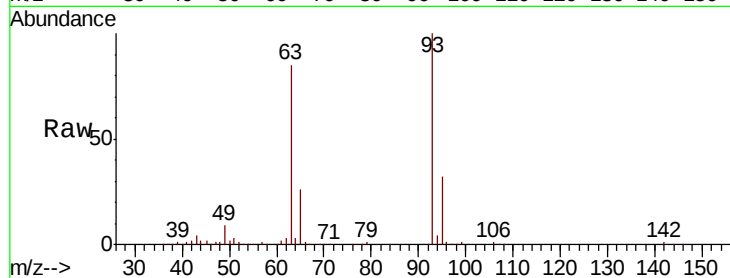




#11
bis(2-Chloroethyl)ether
Concen: 41.746 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

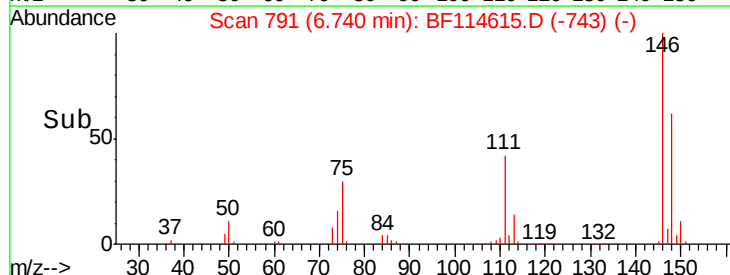
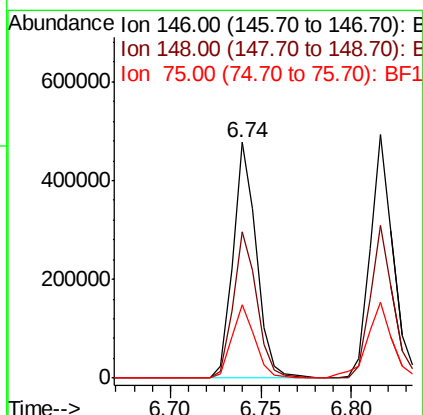
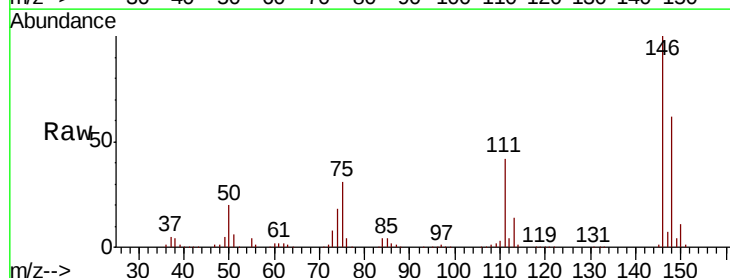
Instrument :
BNA_F
ClientSampleId :
PB119956BS

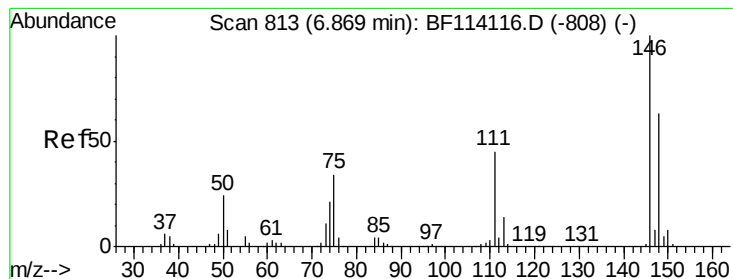
Tot Ion: 93 Resp: 389074
Ion Ratio Lower Upper
93 100
63 84.5 63.6 103.6
95 32.4 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 40.520 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion: 146 Resp: 428438
Ion Ratio Lower Upper
146 100
148 62.2 51.6 77.4
75 31.1 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 40.920 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

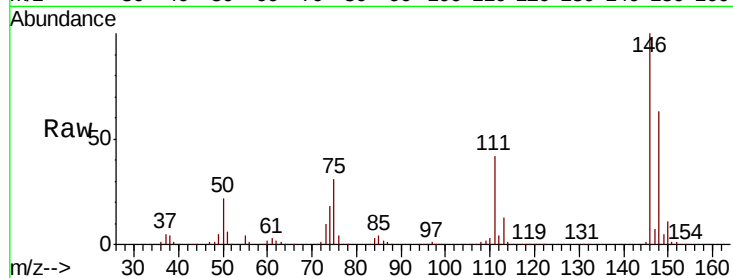
Tot Ion:146 Resp: 435985

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

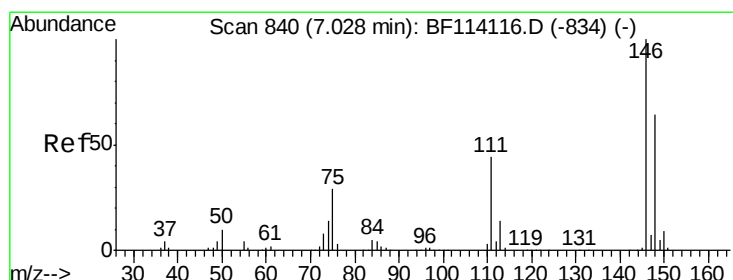
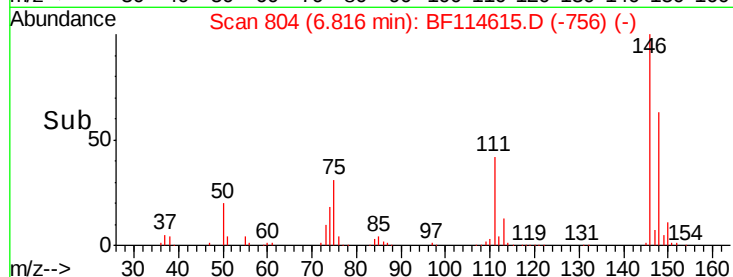
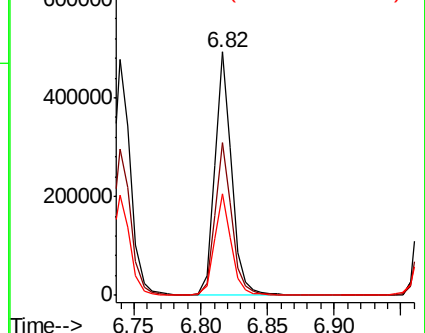
111 41.7 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.511 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

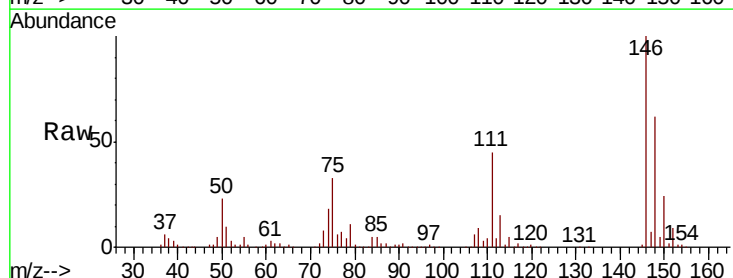
Tgt Ion:146 Resp: 404070

Ion Ratio Lower Upper

146 100

148 61.9 51.1 76.7

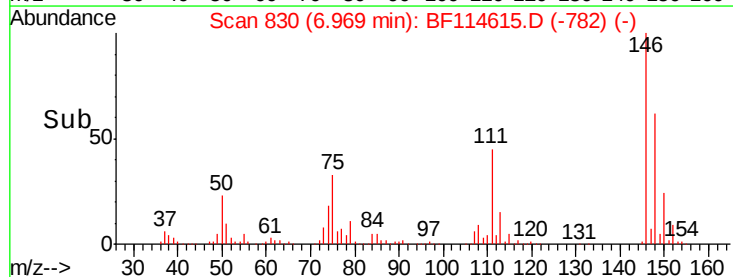
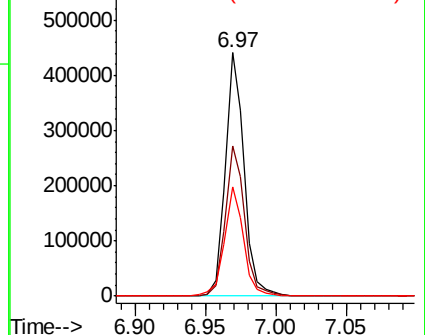
111 45.0 35.3 52.9

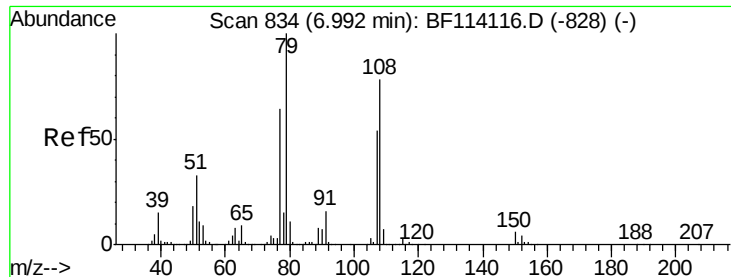


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.984 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

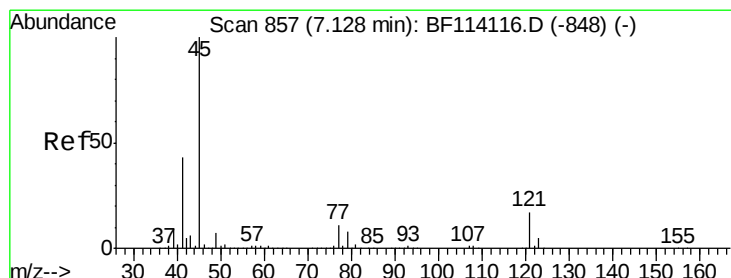
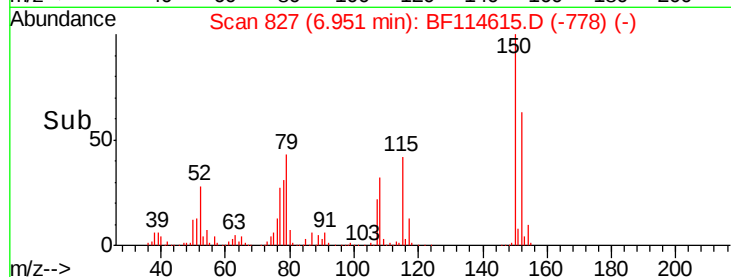
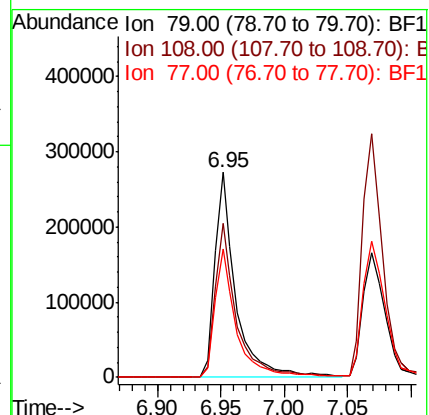
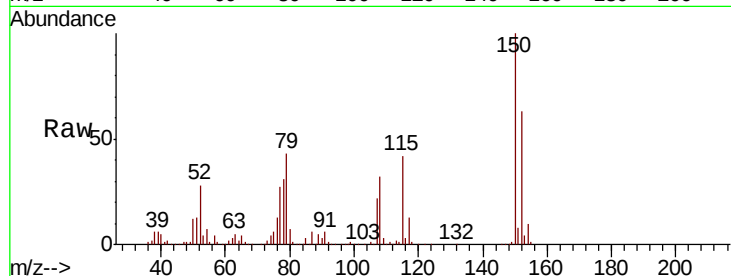
Tot Ion: 79 Resp: 317297

Ion Ratio Lower Upper

79 100

108 75.3 62.1 93.1

77 62.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.932 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

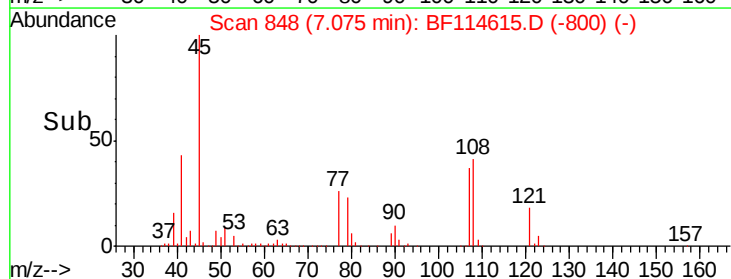
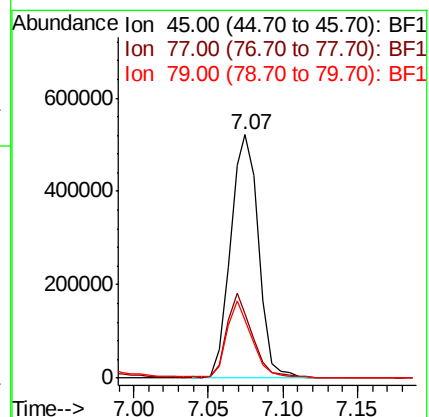
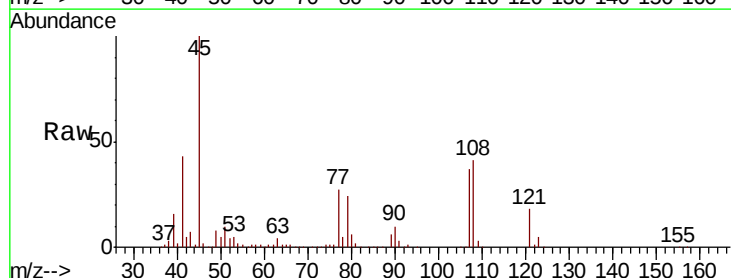
Tgt Ion: 45 Resp: 685468

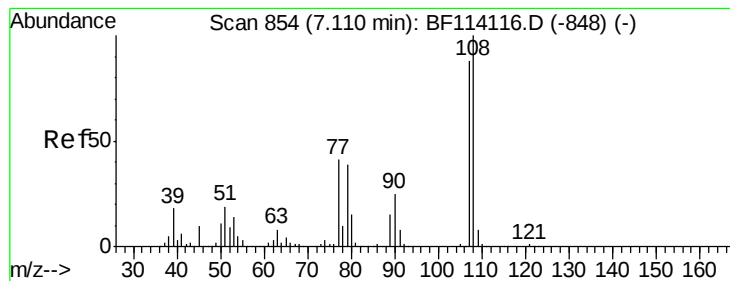
Ion Ratio Lower Upper

45 100

77 26.7 0.0 31.1

79 23.8 0.0 28.4

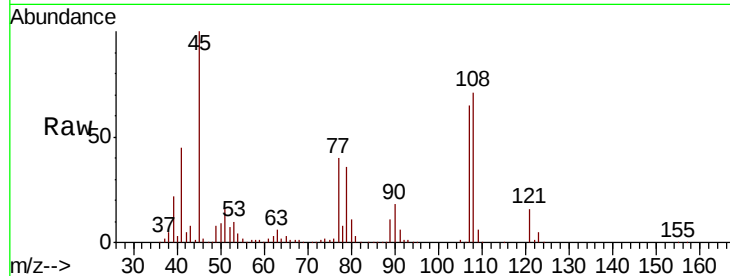




#17
2-Methylphenol
Concen: 41.203 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	90.5	135.7
77	61.1	37.0	55.4
79	55.8	35.8	53.8



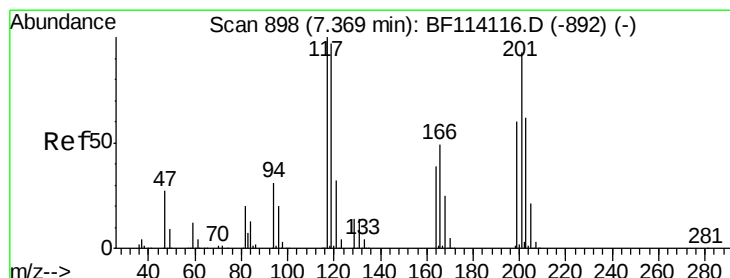
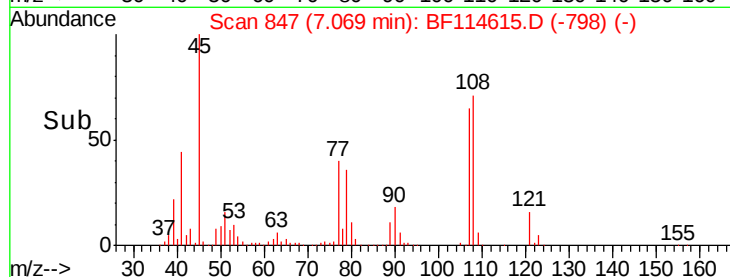
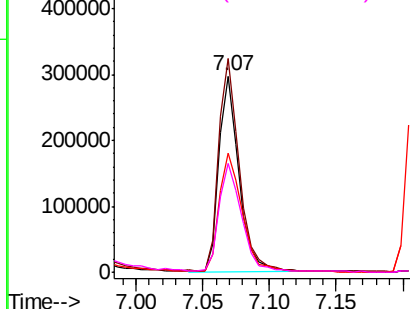
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

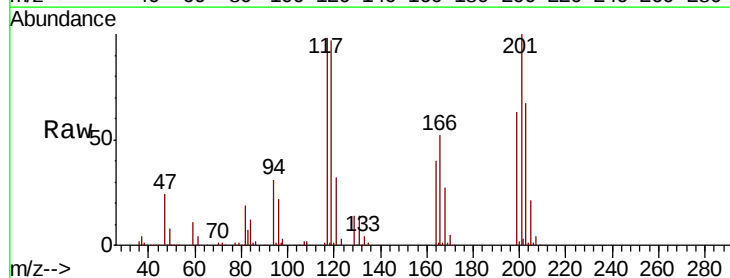
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.743 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.4	116.2
201	101.8	74.5	111.7

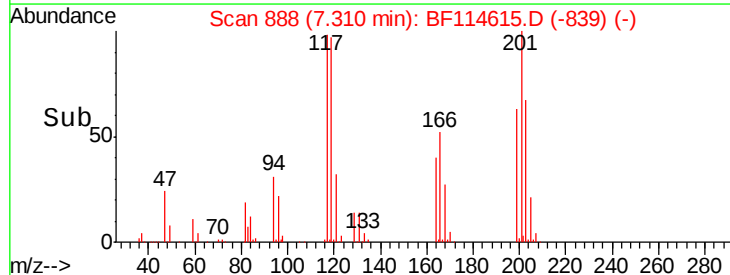
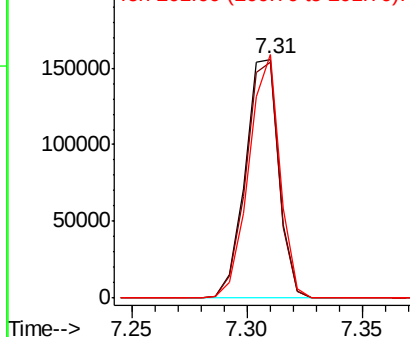


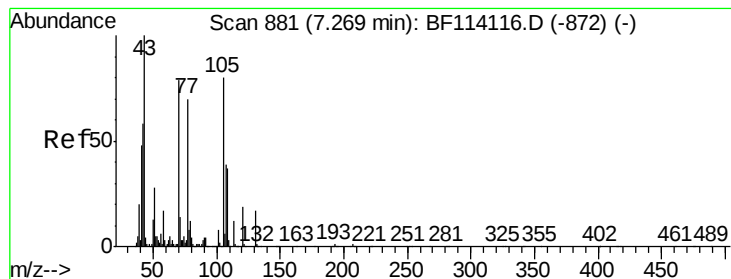
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.207 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

Tot Ion: 70 Resp: 272573

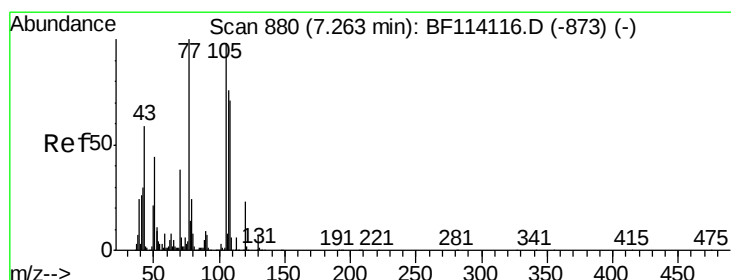
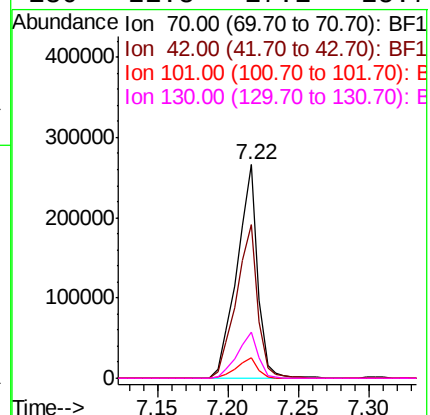
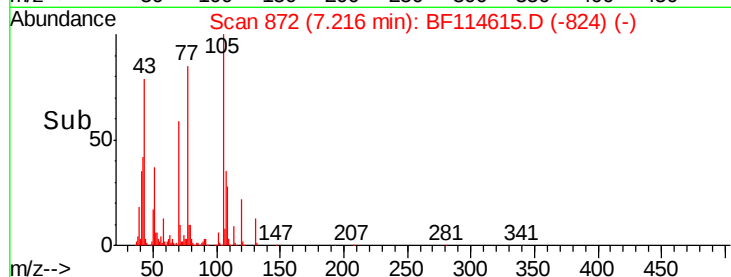
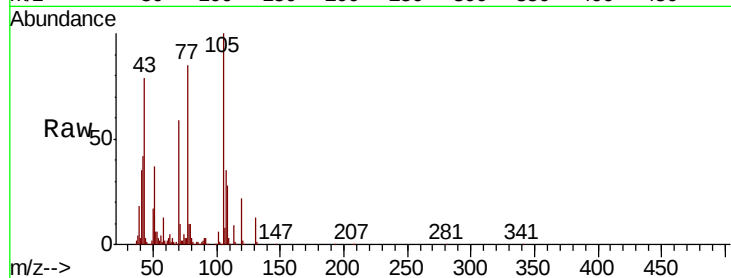
Ion Ratio Lower Upper

70 100

42 71.6 58.6 87.8

101 9.6 7.8 11.8

130 21.8 17.1 25.7



#20

3+4-Methylphenols

Concen: 47.018 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Tgt Ion: 107 Resp: 420339

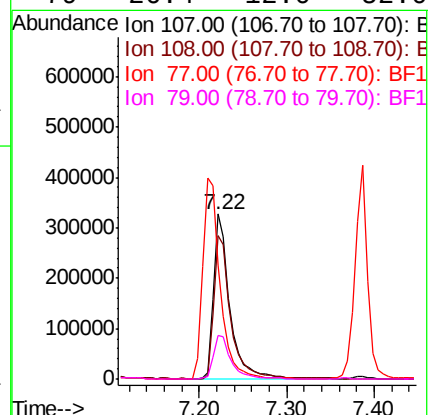
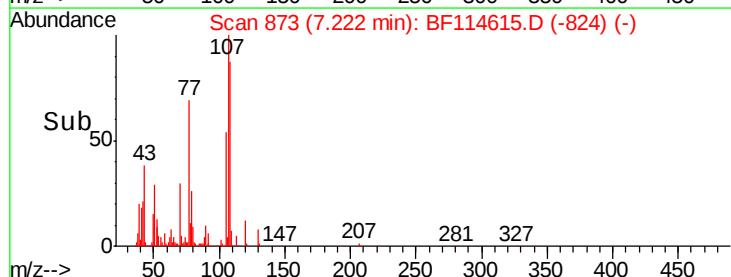
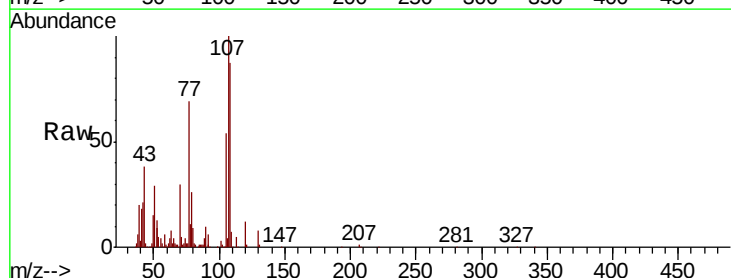
Ion Ratio Lower Upper

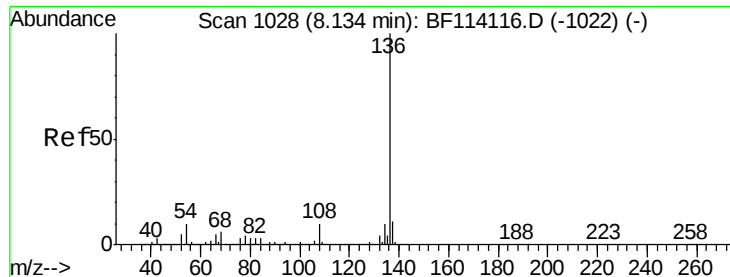
107 100

108 86.6 73.8 113.8

77 69.2 111.5 151.5#

79 26.4 12.0 52.0

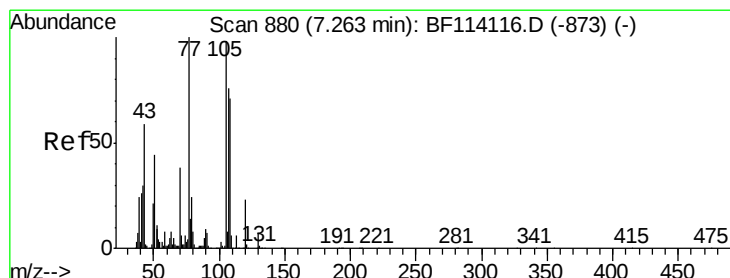
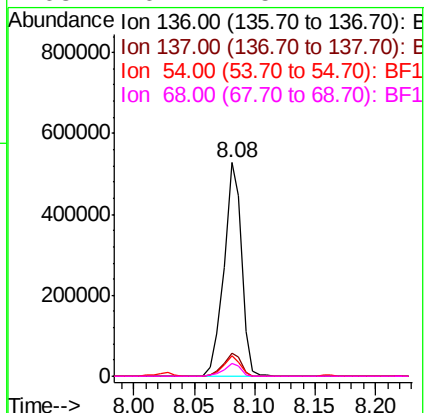
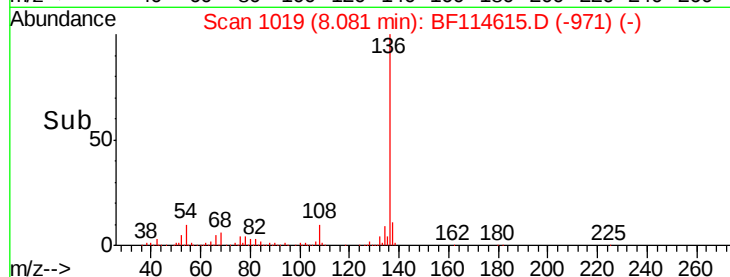
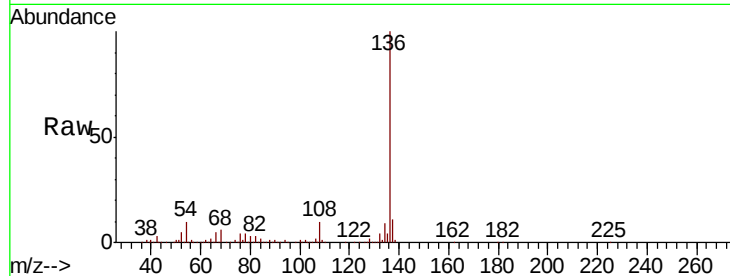




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

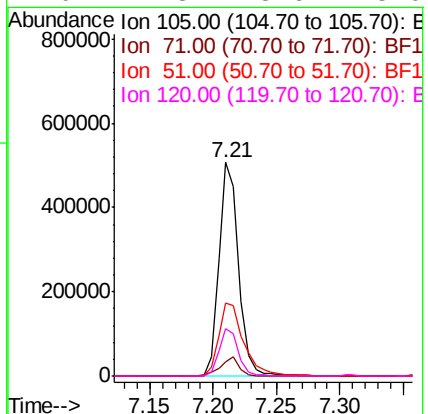
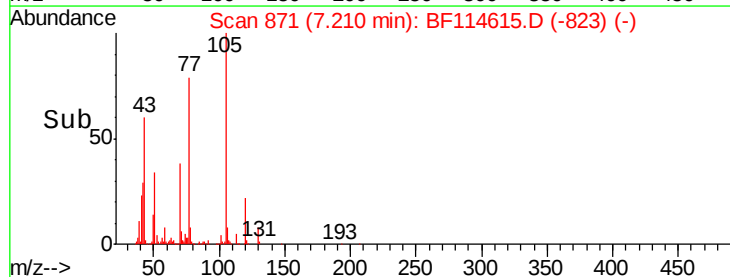
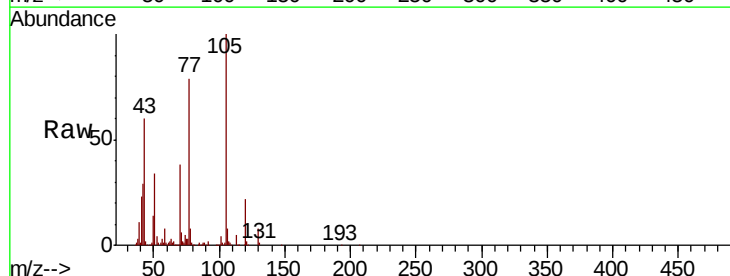
Instrument :
BNA_F
ClientSampleId :
PB119956BS

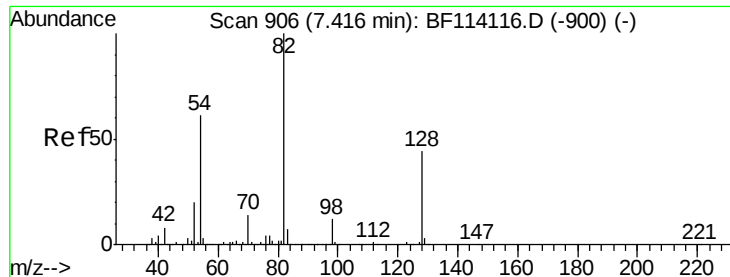
Tot Ion:136	Resp:	530598
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	9.5	7.8 11.8
68	6.2	5.1 7.7



#22
Acetophenone
Concen: 46.545 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:105	Resp:	547114
Ion Ratio	Lower	Upper
105	100	
71	6.5	5.3 7.9
51	33.9	36.2 54.4
120	22.3	18.6 28.0

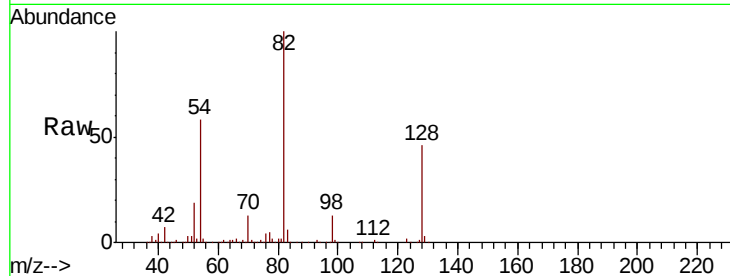




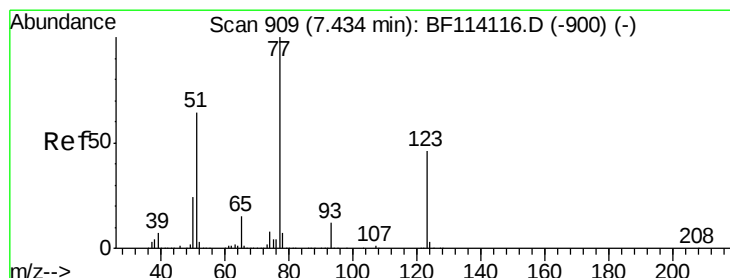
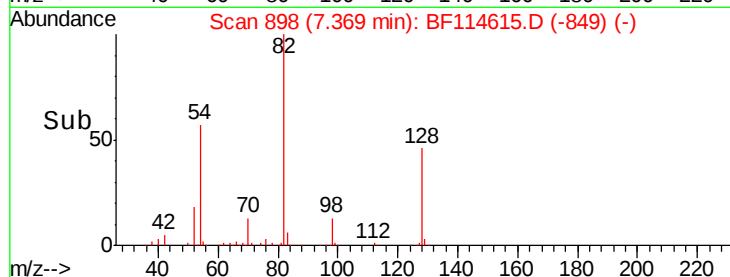
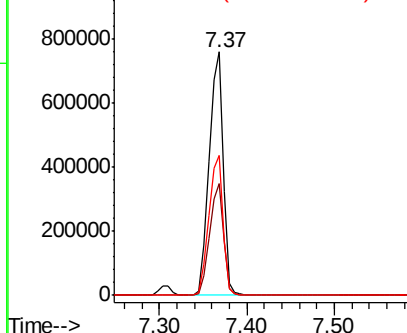
#23
Nitrobenzene-d5
Concen: 89.991 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion	82	Resp	850839
Ion Ratio	Lower	Upper	
82	100		
128	45.7	35.5	53.3
54	57.5	48.5	72.7

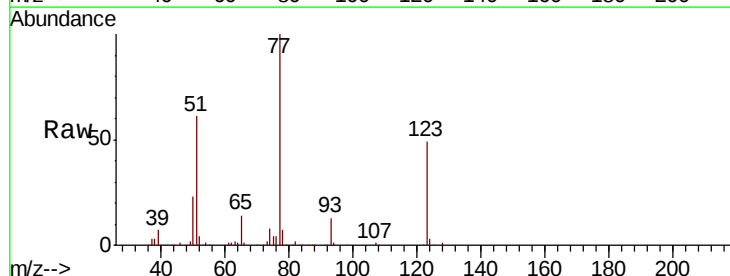


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

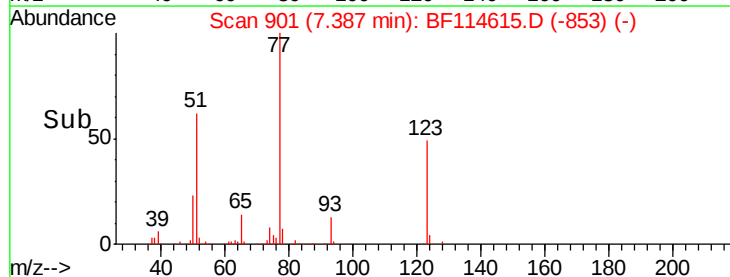
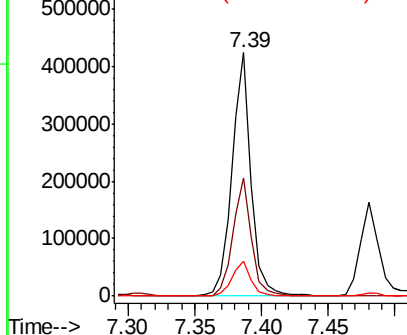


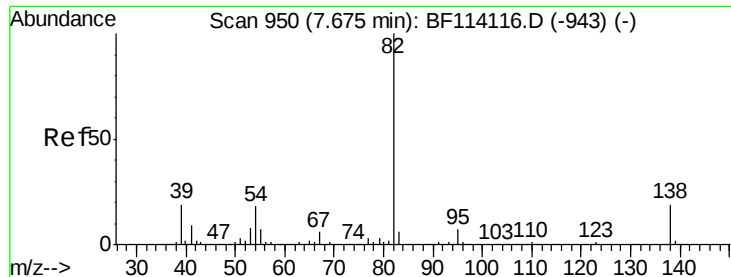
#24
Nitrobenzene
Concen: 43.791 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion	77	Resp	421691
Ion Ratio	Lower	Upper	
77	100		
123	48.8	36.9	55.3
65	14.3	11.8	17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.439 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

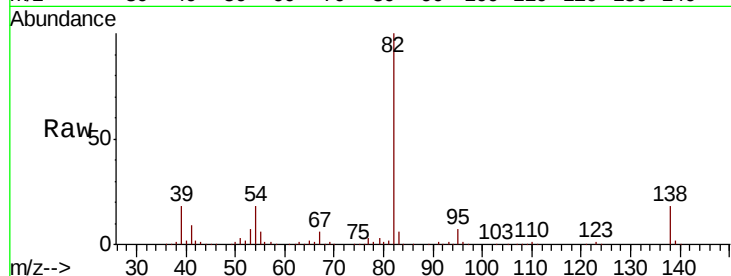
Tot Ion: 82 Resp: 761690

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

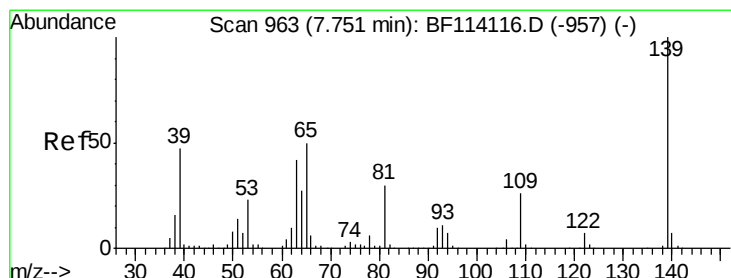
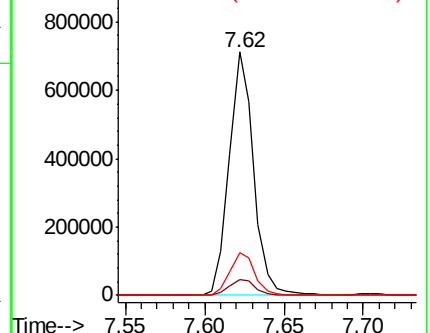
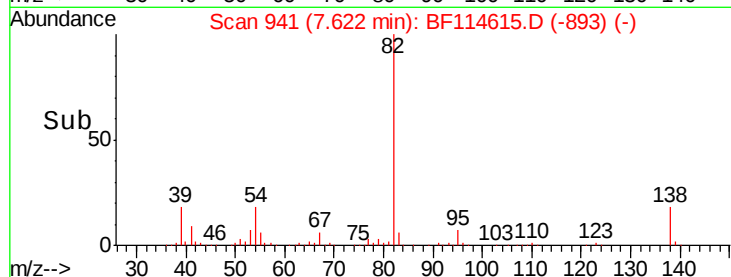
138 17.7 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.797 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

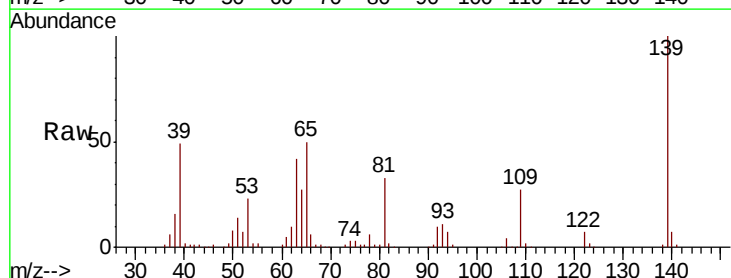
Tgt Ion: 139 Resp: 218636

Ion Ratio Lower Upper

139 100

109 27.2 20.7 31.1

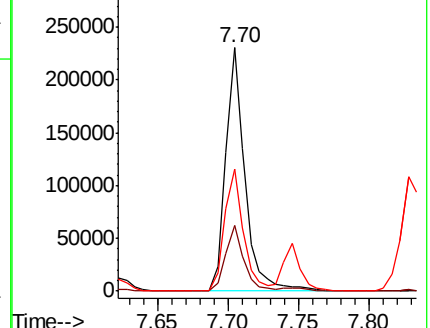
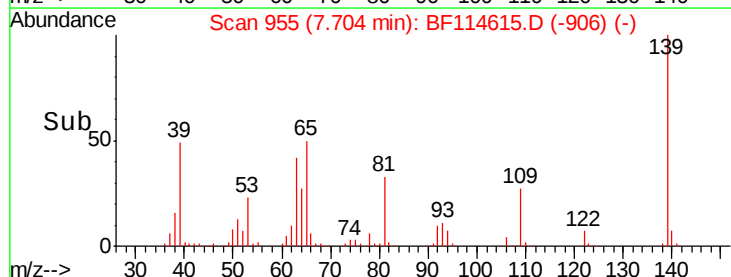
65 50.3 40.2 60.2

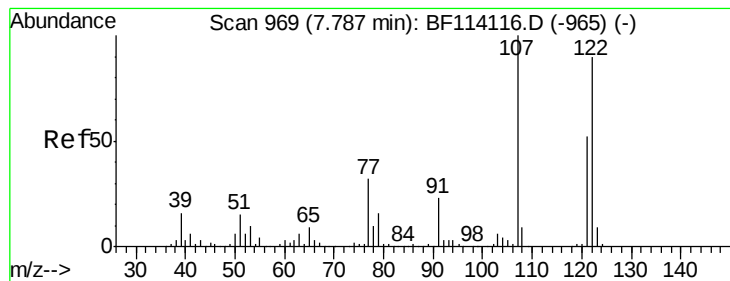


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.829 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

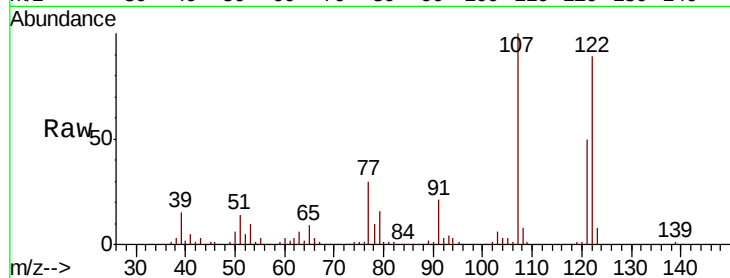
Tot Ion:122 Resp: 350956

Ion Ratio Lower Upper

122 100

107 112.4 88.4 132.6

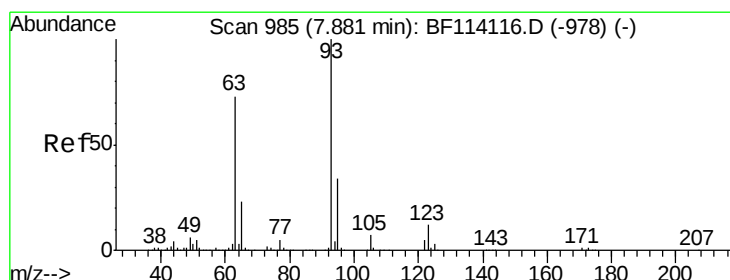
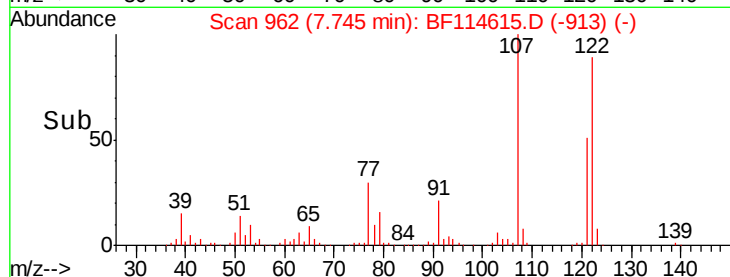
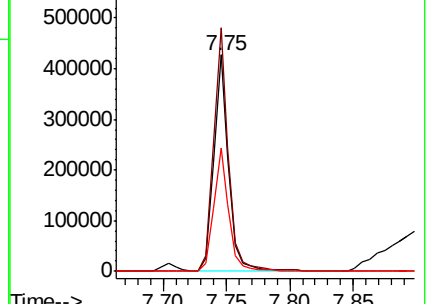
121 56.7 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.319 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

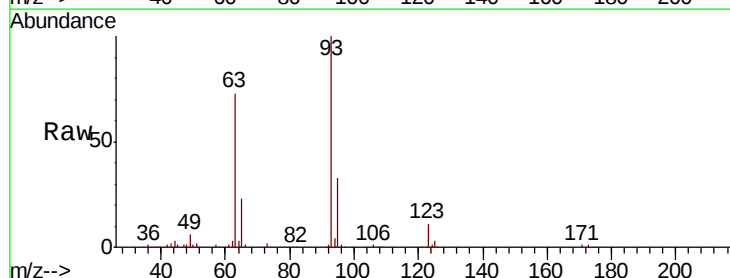
Tgt Ion: 93 Resp: 481475

Ion Ratio Lower Upper

93 100

95 32.7 26.8 40.2

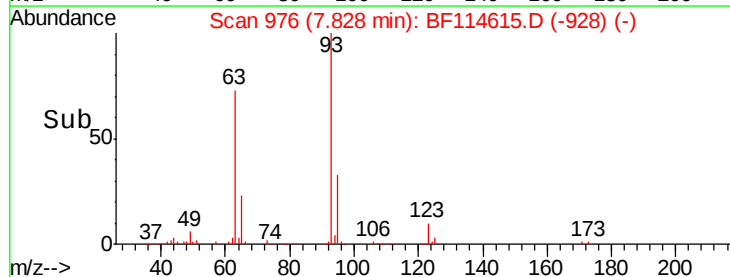
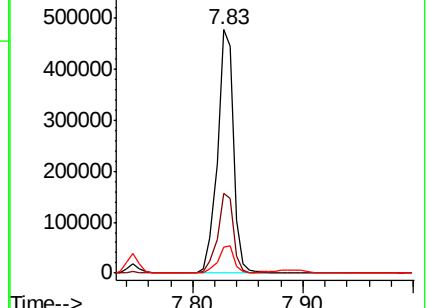
123 10.6 9.5 14.3

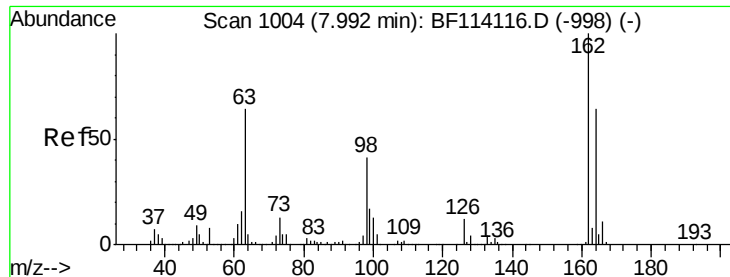


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

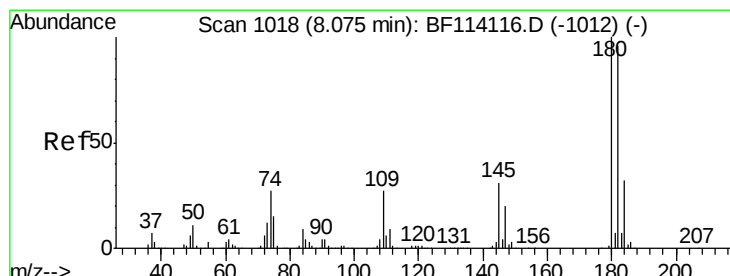
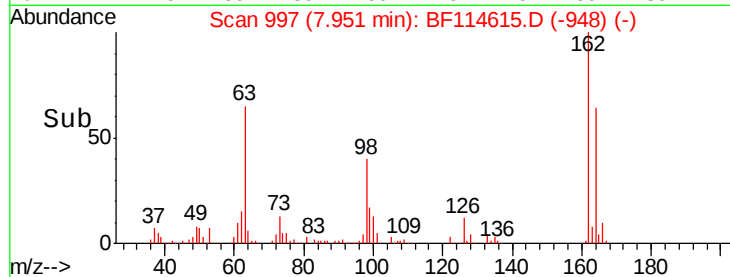
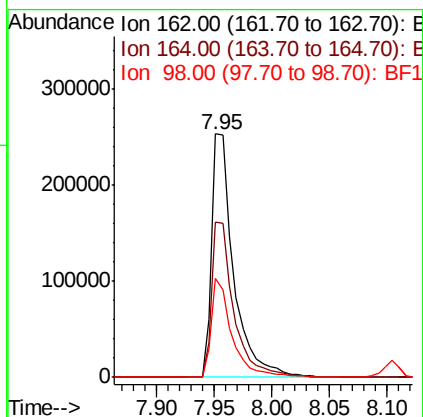
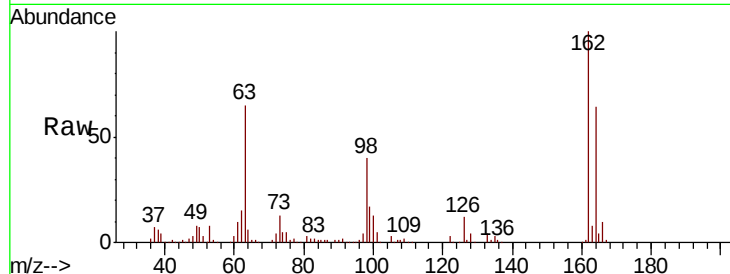




#29
2,4-Dichlorophenol
Concen: 45.919 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

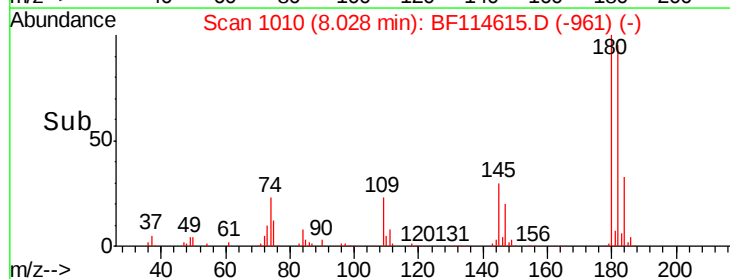
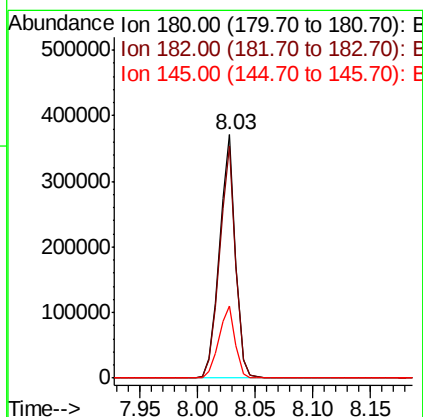
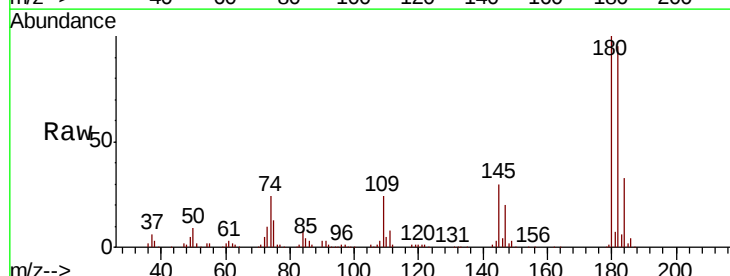
Instrument :
BNA_F
ClientSampleId :
PB119956BS

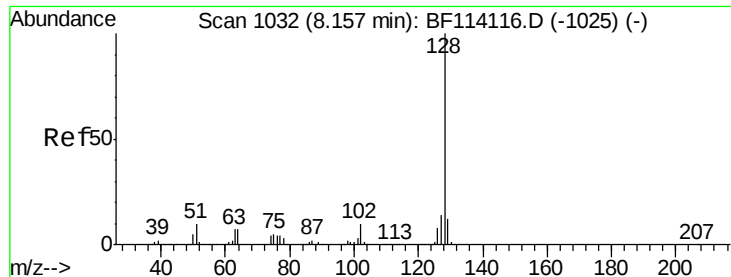
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.6	83.6
98	40.5	20.6	60.6



#30
1,2,4-Trichlorobenzene
Concen: 42.724 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	114.8
145	29.8	25.1	37.7

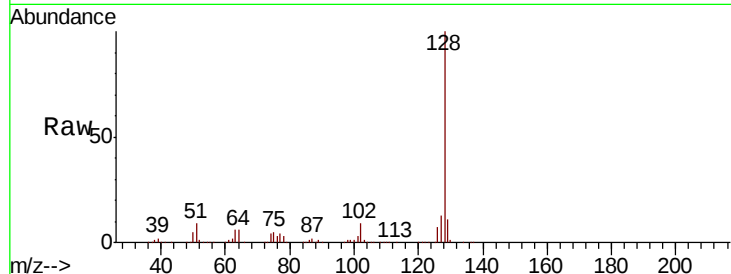




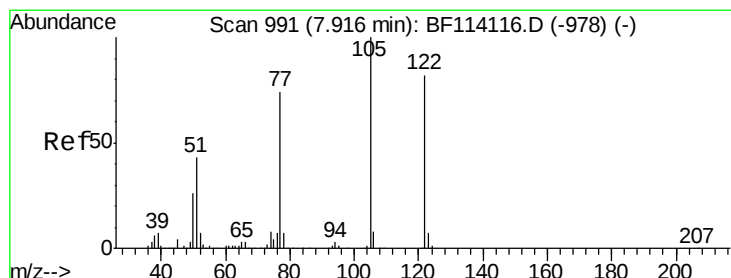
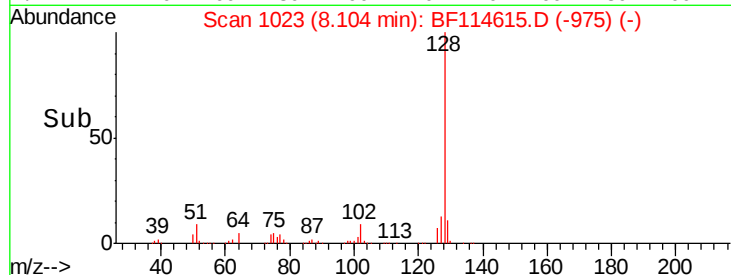
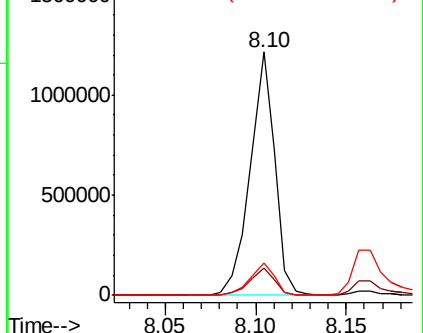
#31
Naphthalene
Concen: 46.339 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion:128 Resp: 1148523
Ion Ratio Lower Upper
128 100
129 11.0 9.6 14.4
127 13.1 11.3 16.9

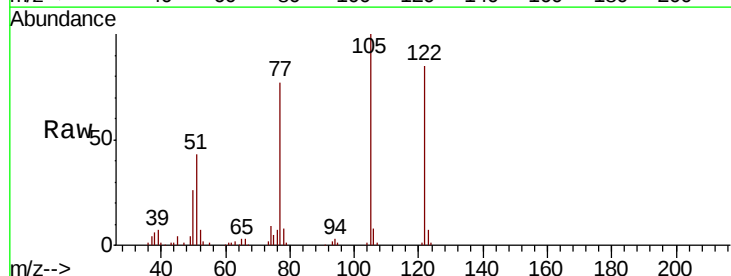


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

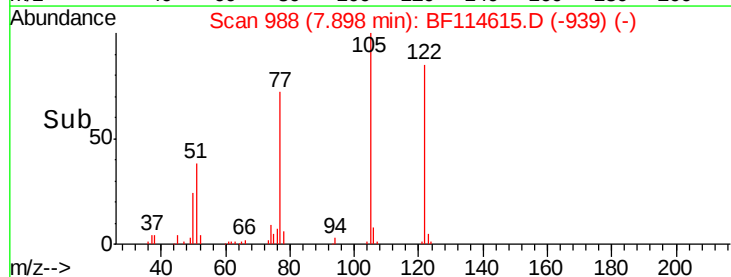
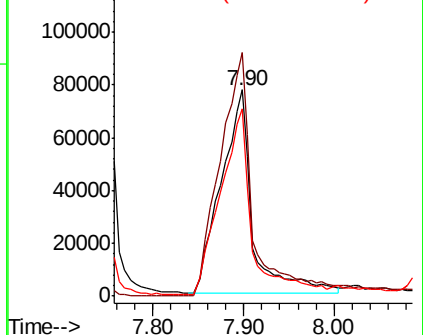


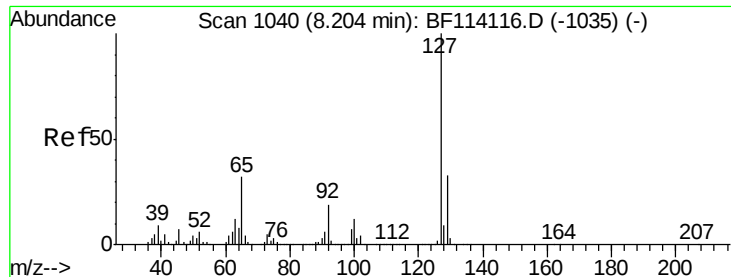
#32
Benzoic acid
Concen: 37.768 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:122 Resp: 188433
Ion Ratio Lower Upper
122 100
105 118.2 99.9 139.9
77 90.8 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

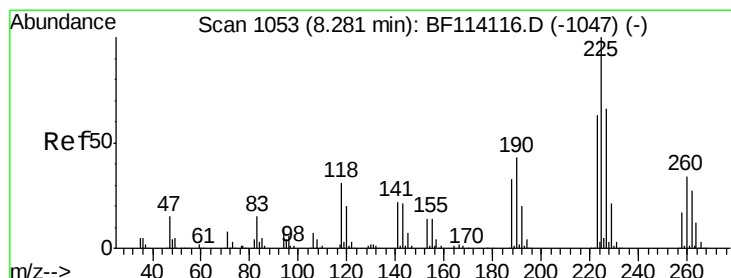
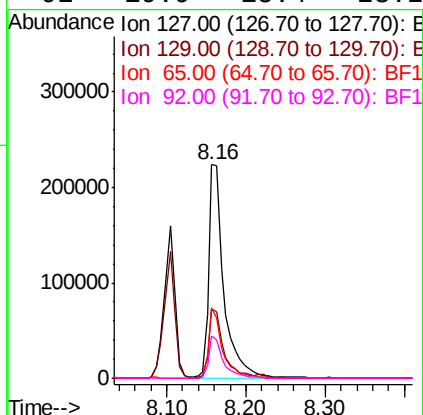
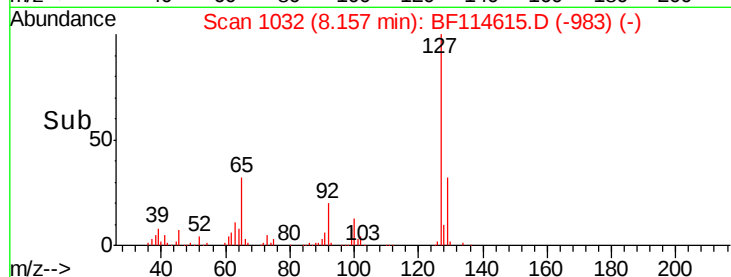
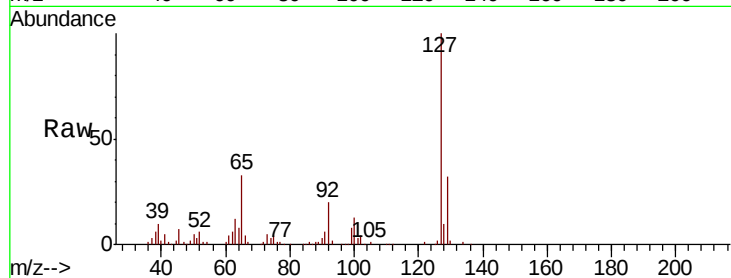




#33
4-Chloroaniline
Concen: 26.463 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

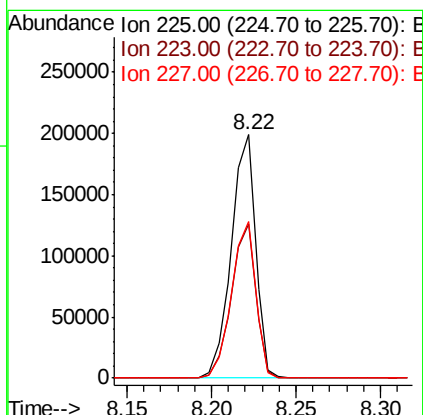
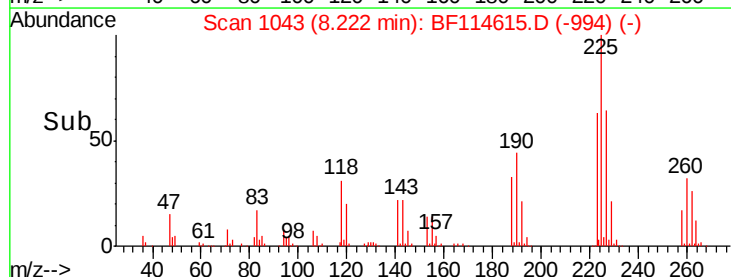
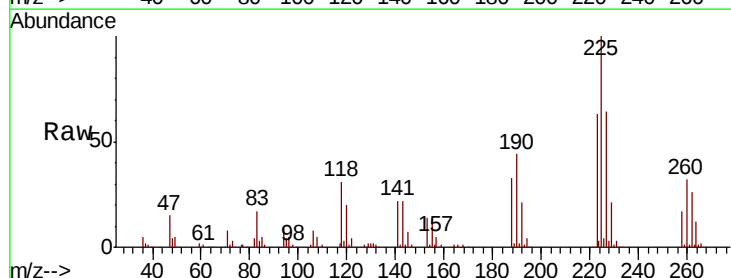
Instrument :
BNA_F
ClientSampleId :
PB119956BS

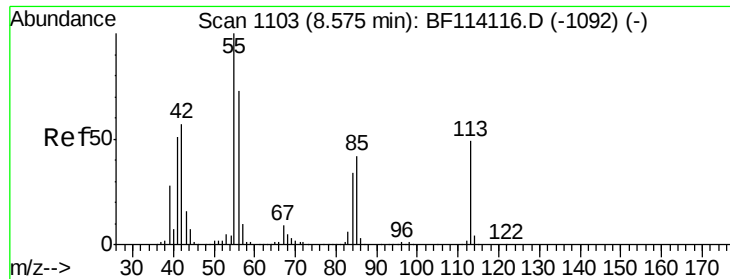
Tot Ion:	127	Resp:	298882
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	32.8	25.4	38.0
92	19.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.093 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:	225	Resp:	198993
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	64.1	52.6	79.0





#35

Caprolactam

Concen: 24.286 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

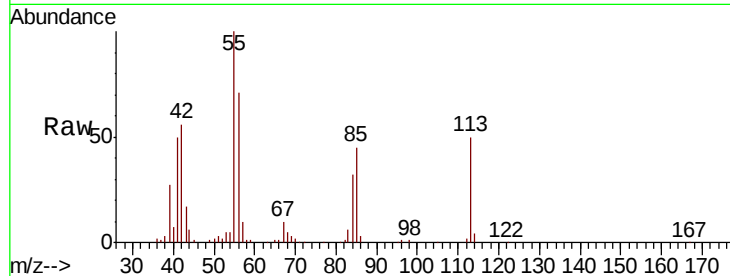
Tot Ion:113 Resp: 57861

Ion Ratio Lower Upper

113 100

55 201.1 183.5 223.5

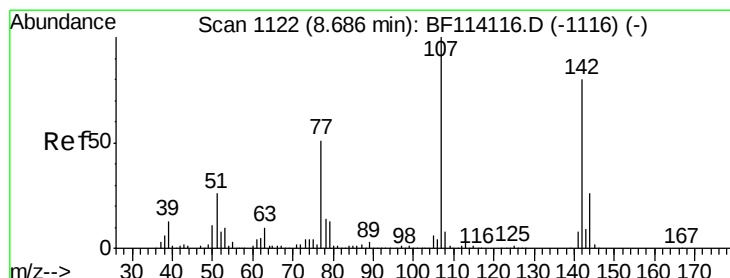
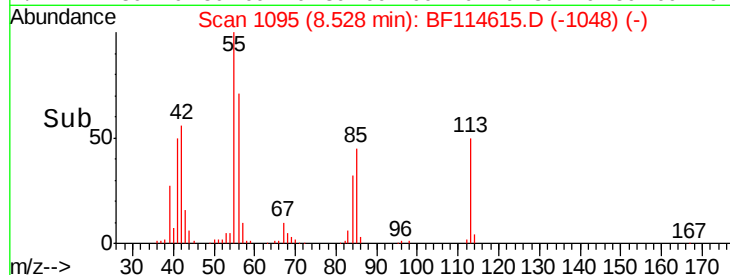
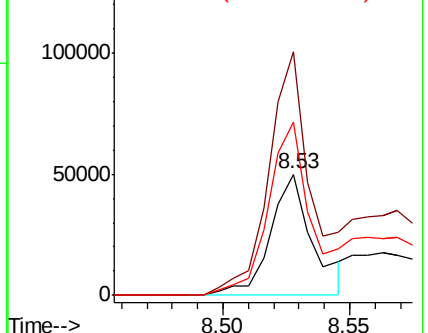
56 142.8 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.076 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

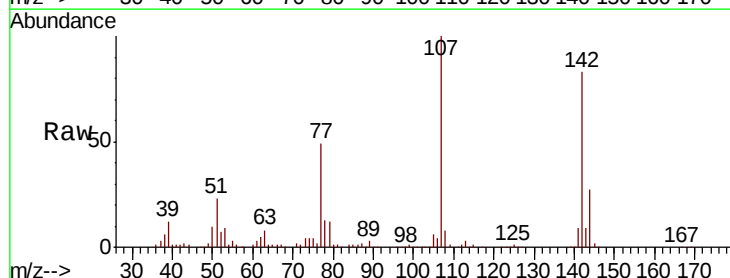
Tgt Ion:107 Resp: 346232

Ion Ratio Lower Upper

107 100

144 27.0 20.4 30.6

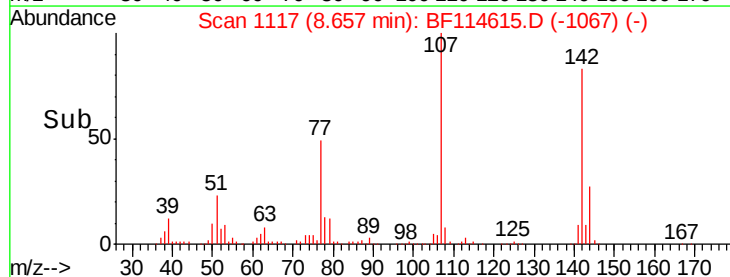
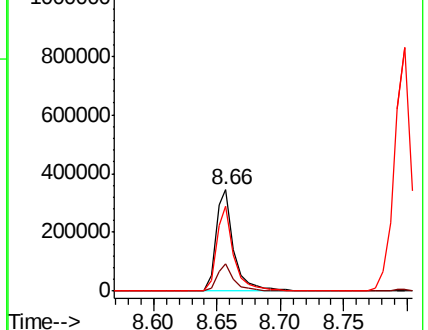
142 83.4 64.2 96.4

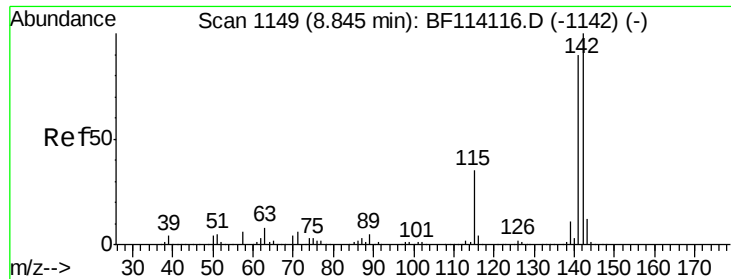


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

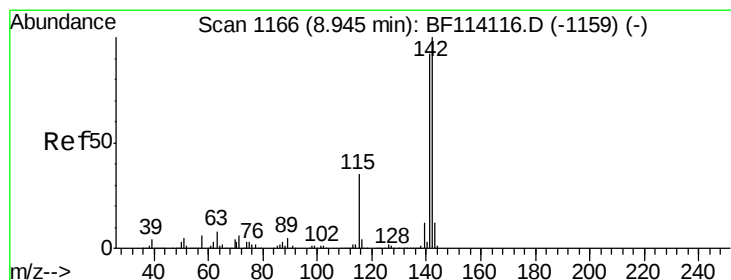
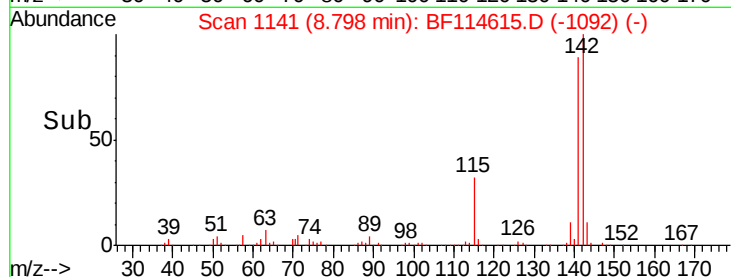
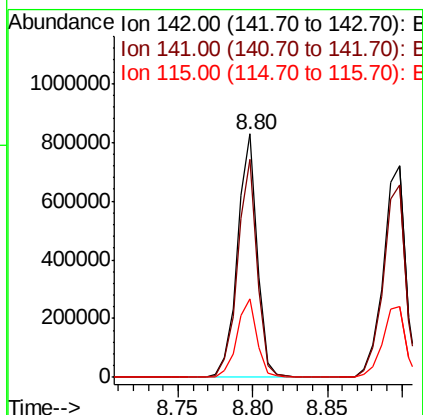
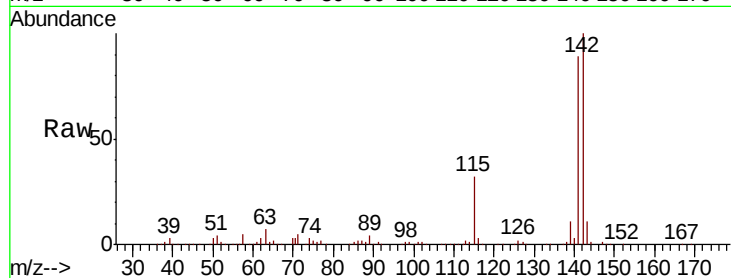




#37
2-Methylnaphthalene
Concen: 47.802 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

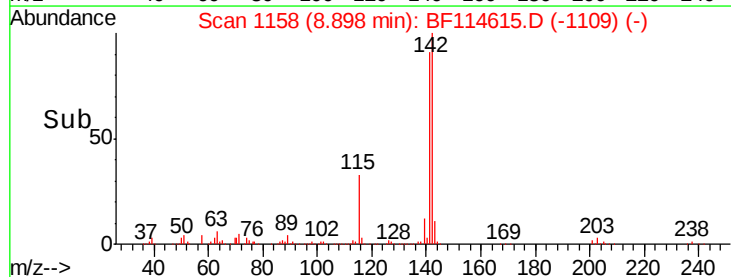
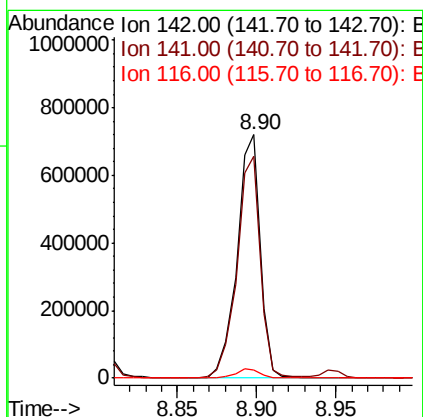
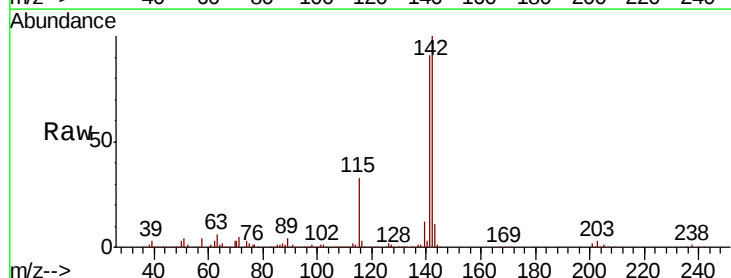
Instrument :
BNA_F
ClientSampleId :
PB119956BS

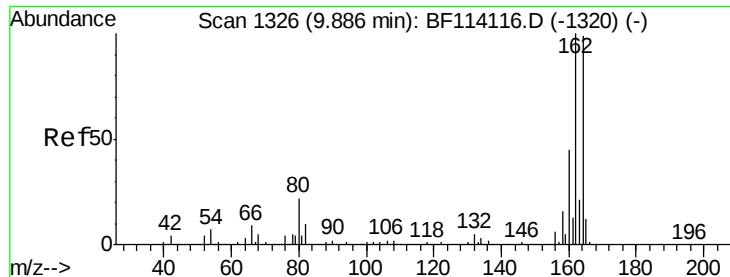
Tot Ion:142 Resp: 764403
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1
115 32.3 28.0 42.0



#38
1-Methylnaphthalene
Concen: 48.162 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:142 Resp: 725284
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.0
116 3.4 3.1 4.7

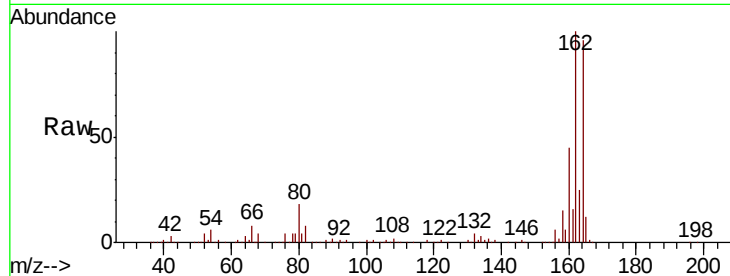




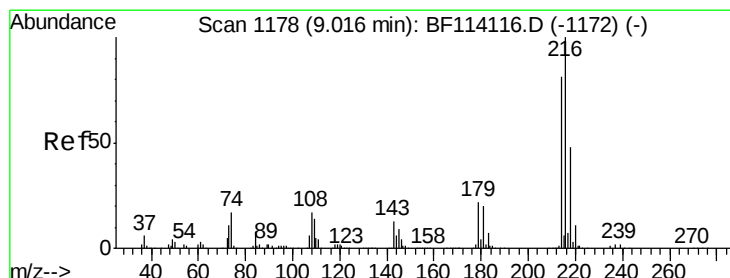
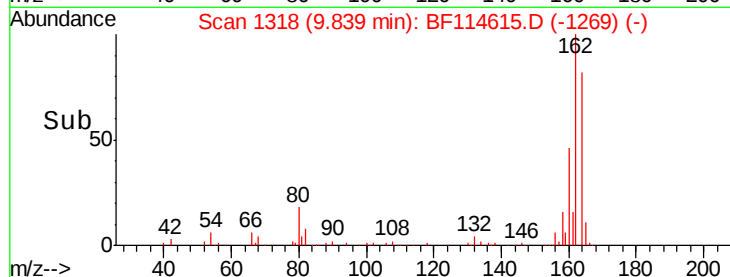
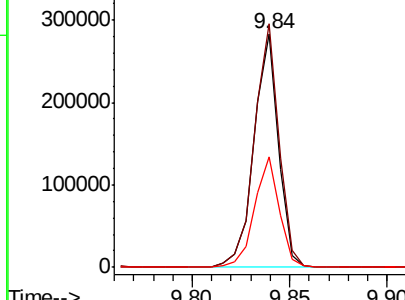
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion:	164	Resp:	246637
Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.6	120.8
160	47.0	36.5	54.7

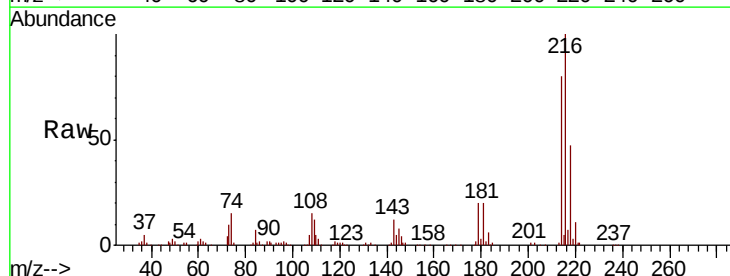


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

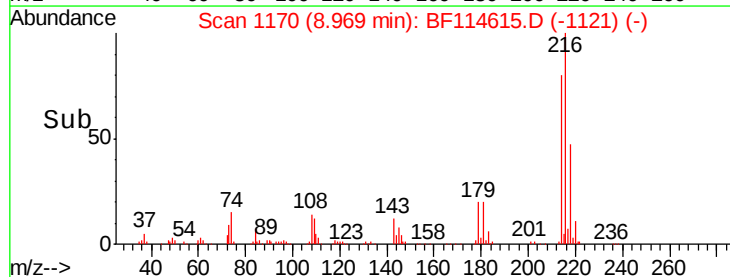
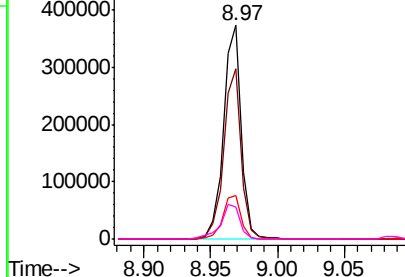


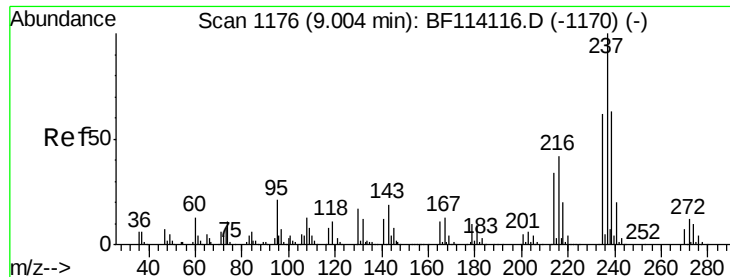
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.912 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:	216	Resp:	350490
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.9	95.9
179	21.1	17.0	25.6
108	18.4	14.8	22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 44.997 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

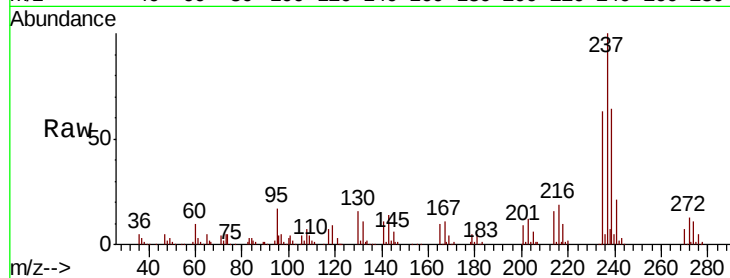
Tot Ion:237 Resp: 149659

Ion Ratio Lower Upper

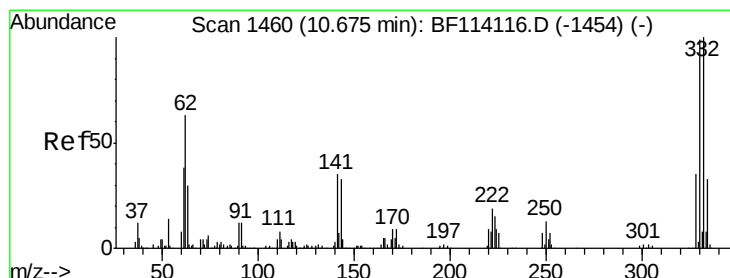
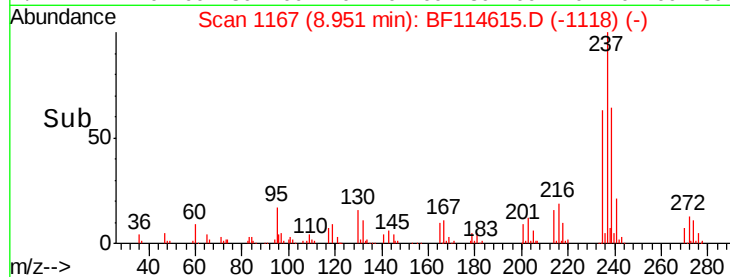
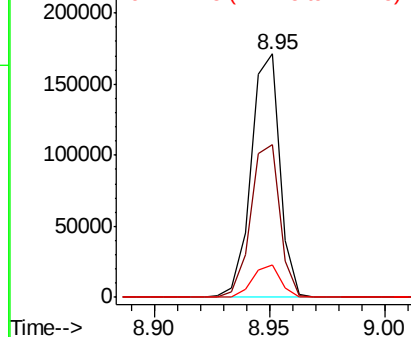
237 100

235 62.6 42.0 82.0

272 13.5 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.900 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

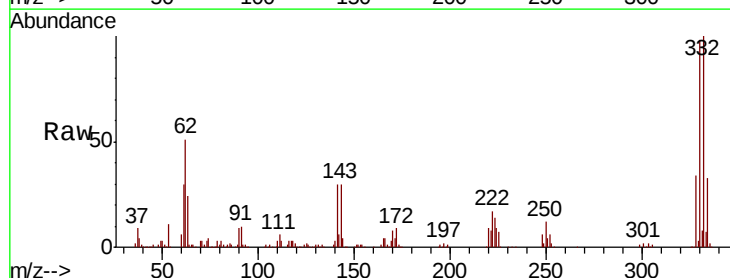
Tgt Ion:330 Resp: 336319

Ion Ratio Lower Upper

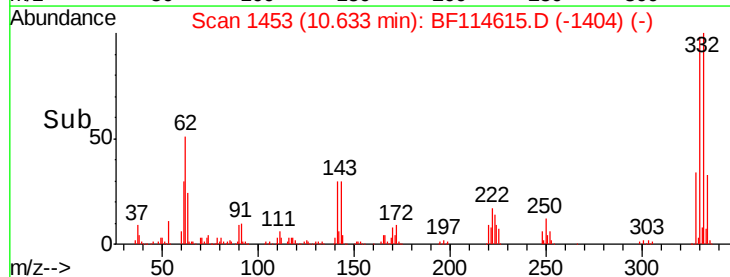
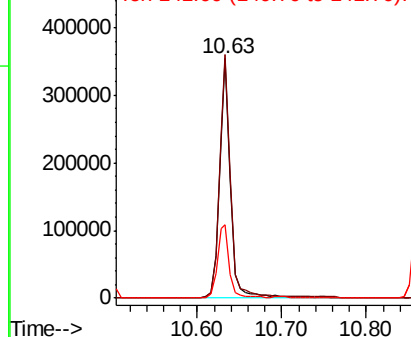
330 100

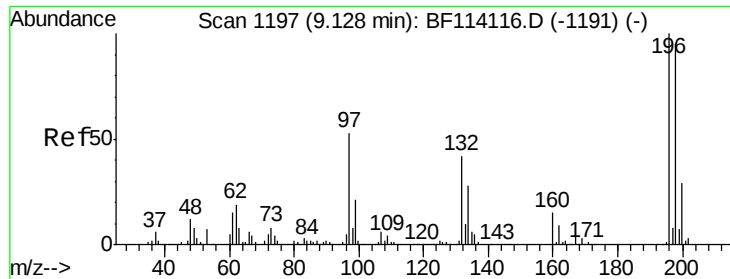
332 102.4 81.4 122.2

141 32.9 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

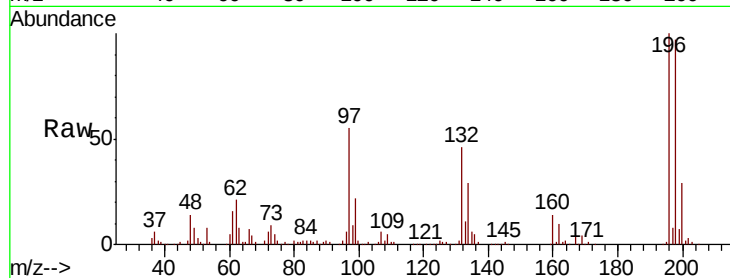




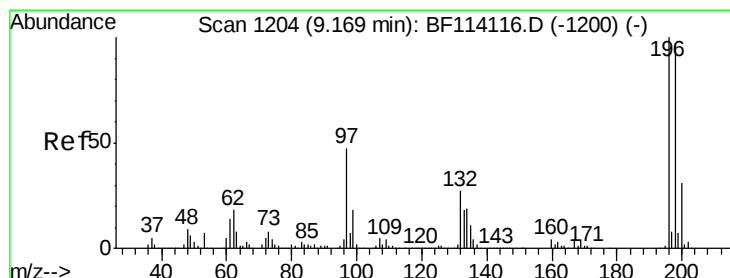
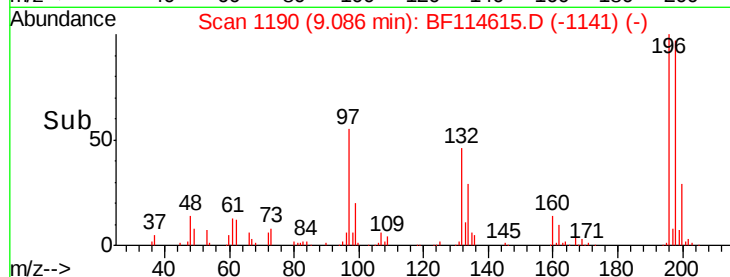
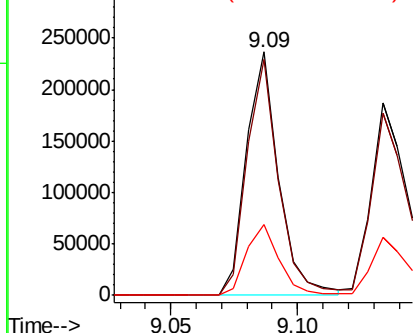
#43
 2,4,6-Trichlorophenol
 Concen: 40.859 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB119956BS

Tot Ion:196 Resp: 209968
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.9 113.9
 200 29.3 23.5 35.3



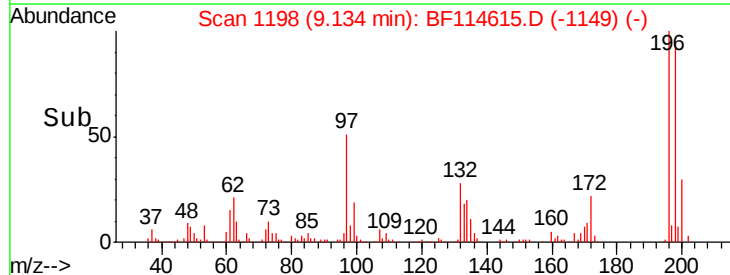
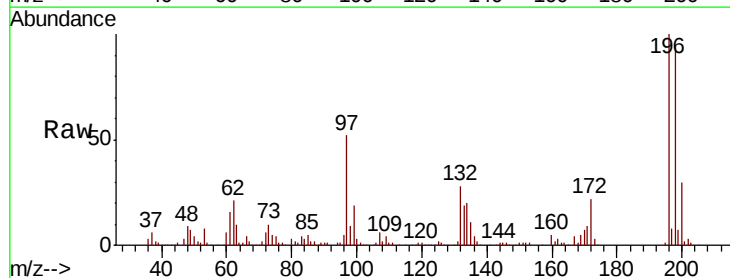
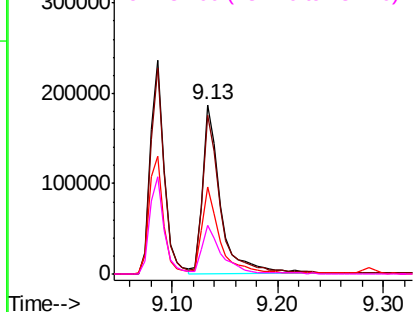
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

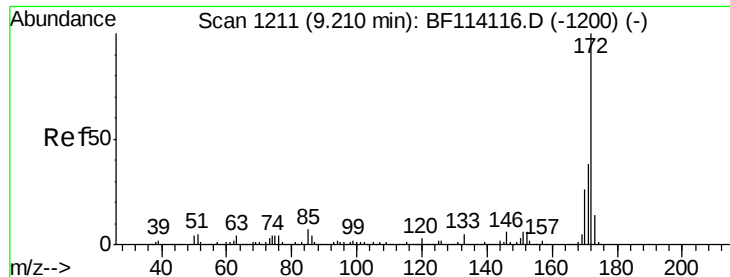


#44
 2,4,5-Trichlorophenol
 Concen: 41.373 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Tgt Ion:196 Resp: 218043
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.7 116.5
 97 51.6 38.2 57.2
 132 28.5 21.4 32.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

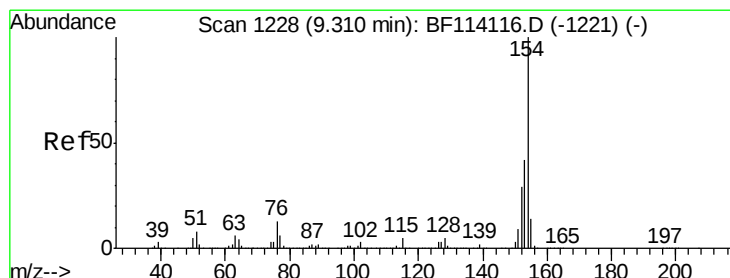
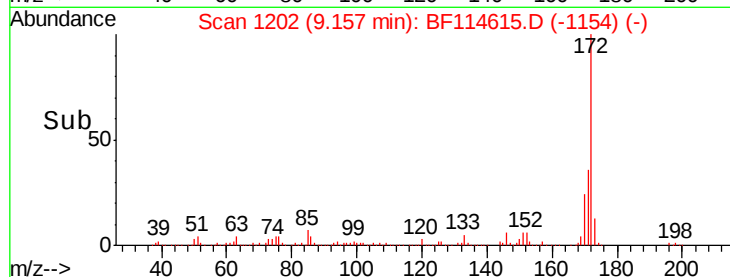
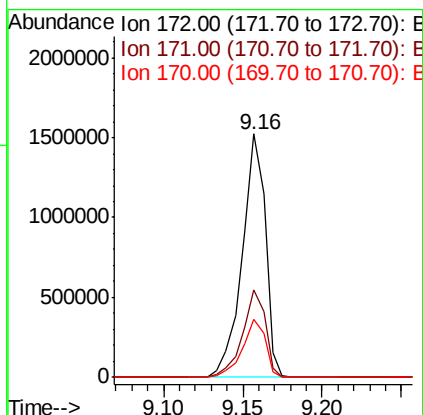
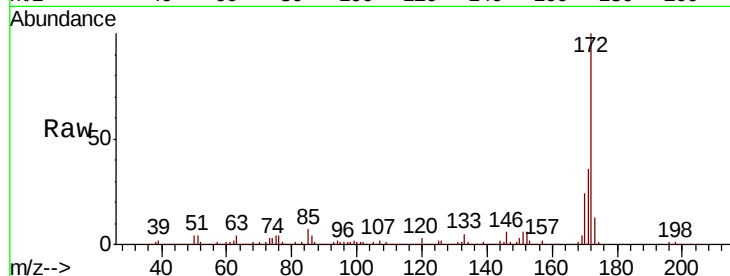




#45
2-Fluorobiphenyl
Concen: 94.561 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

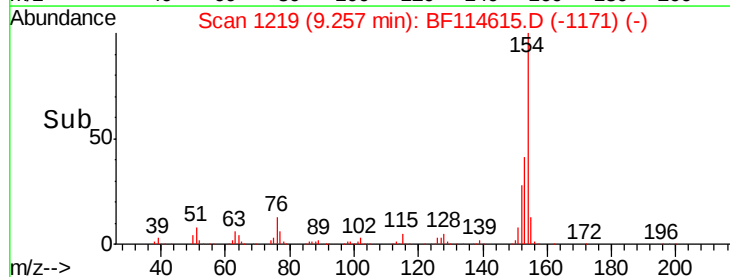
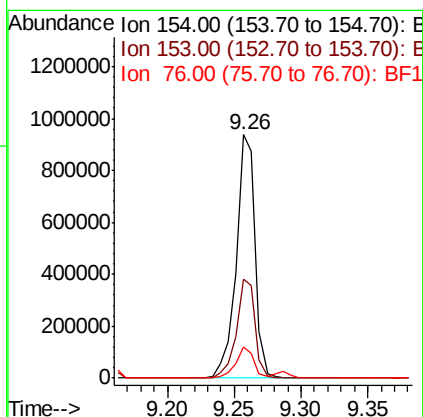
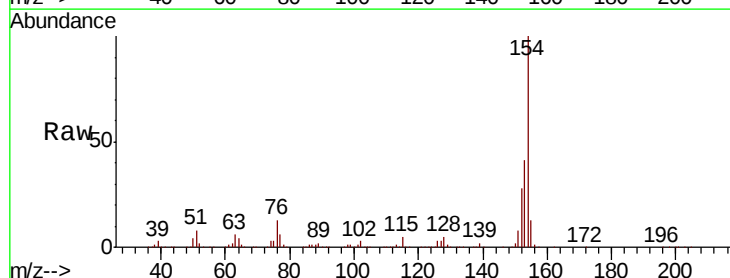
Instrument :
BNA_F
ClientSampleId :
PB119956BS

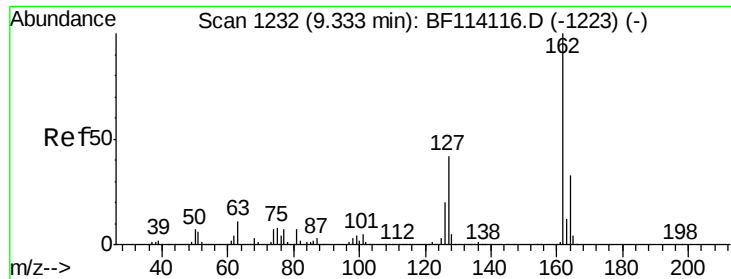
Tot Ion:172 Resp: 1541793
Ion Ratio Lower Upper
172 100
171 36.1 30.7 46.1
170 24.1 20.5 30.7



#46
1,1'-Biphenyl
Concen: 46.475 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:154 Resp: 926017
Ion Ratio Lower Upper
154 100
153 40.6 21.9 61.9
76 12.7 0.0 32.8

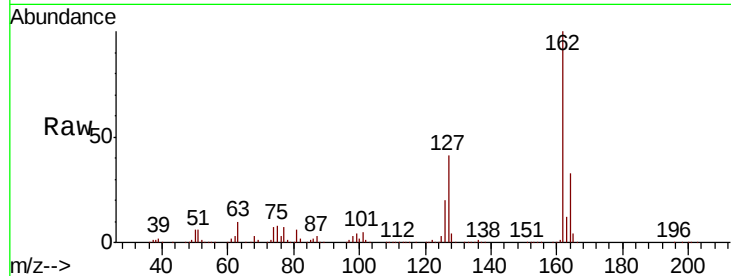




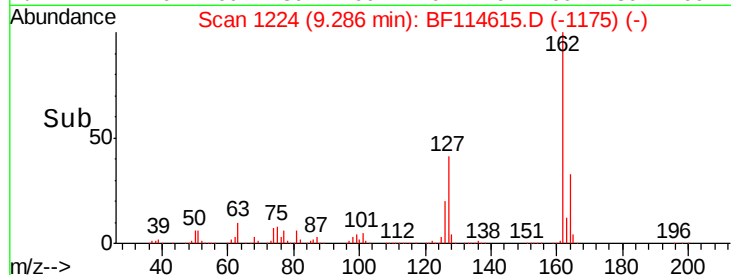
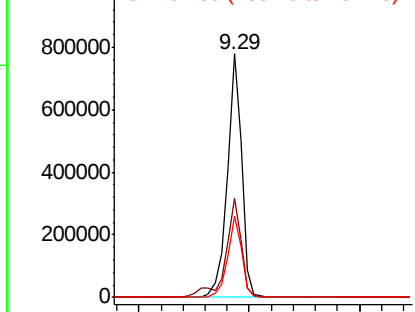
#47
 2-Chloronaphthalene
 Concen: 44.241 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB119956BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	34.0	51.0
164	33.4	26.7	40.1

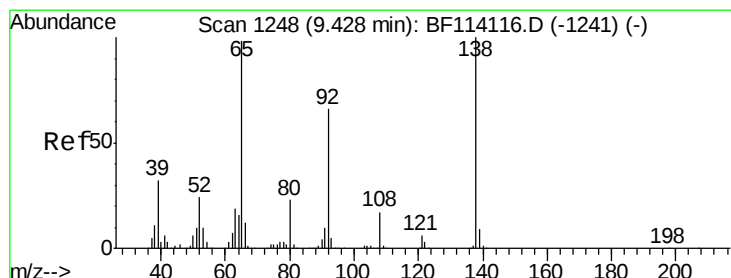


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

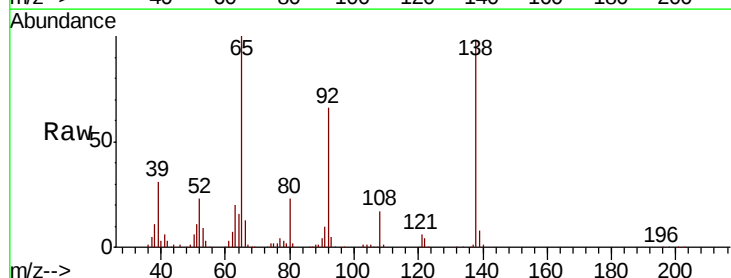
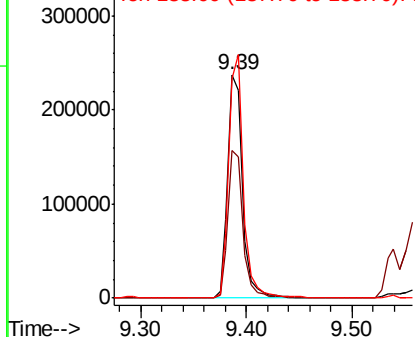


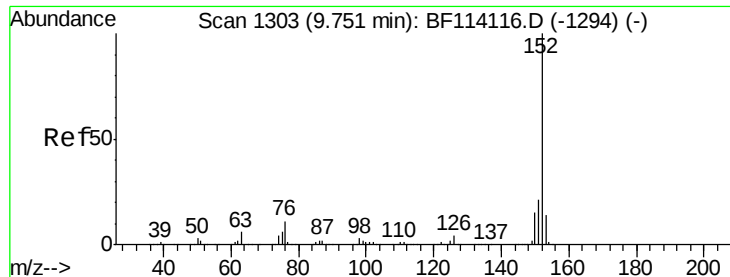
#48
 2-Nitroaniline
 Concen: 40.706 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.9	80.9
138	98.1	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.580 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

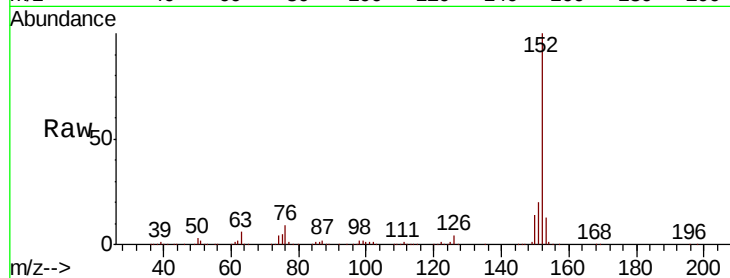
Tot Ion:152 Resp: 1111643

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

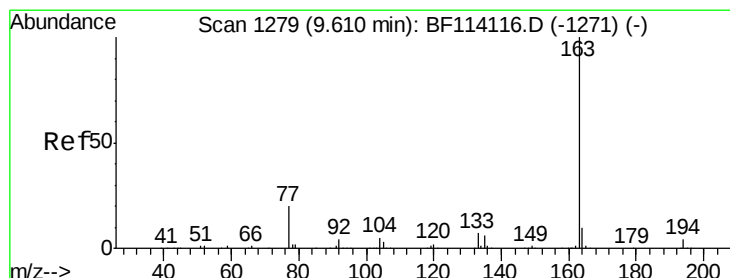
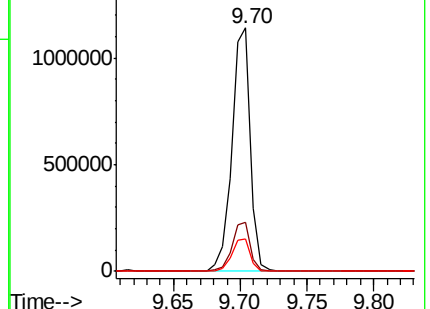
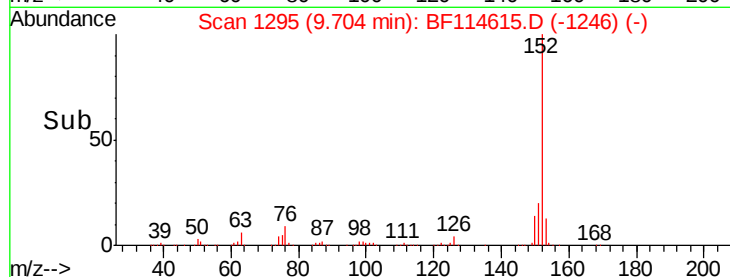
153 13.1 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.083 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

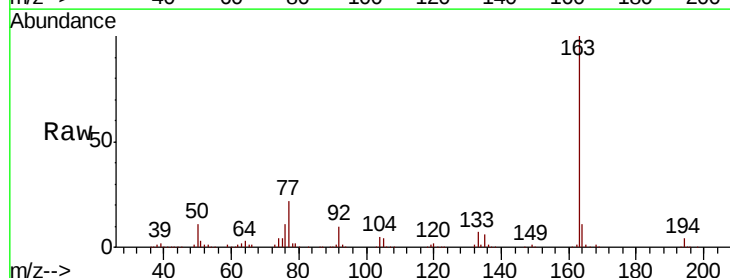
Tgt Ion:163 Resp: 780045

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

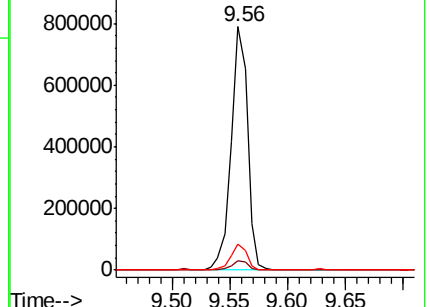
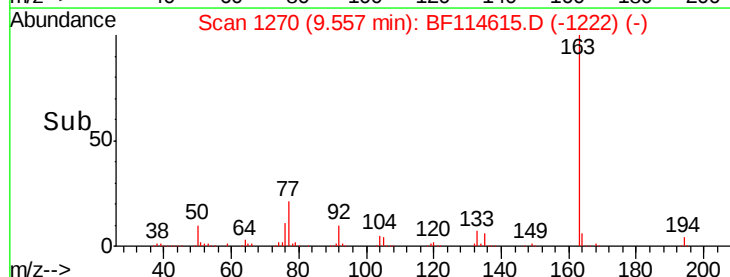
164 10.7 8.2 12.2

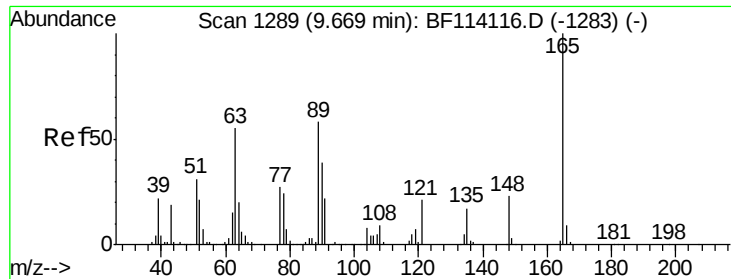


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

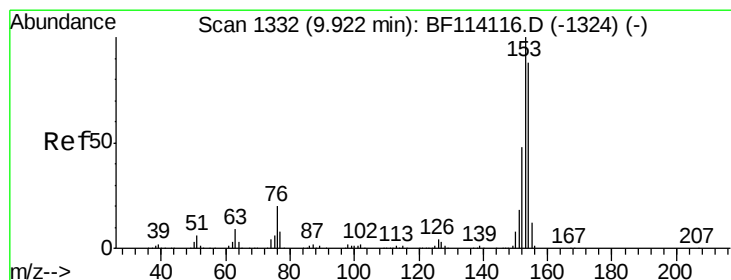
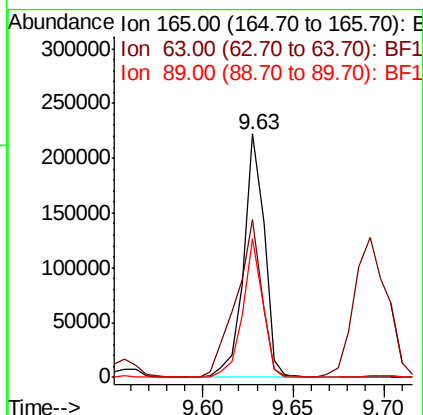
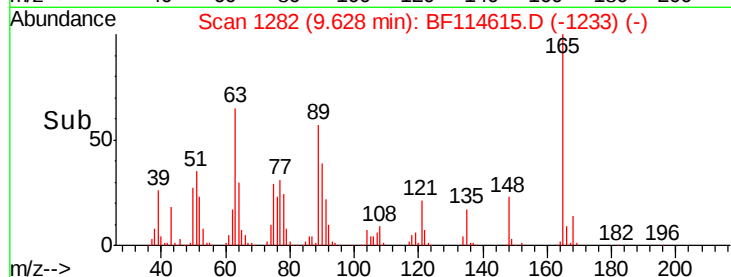
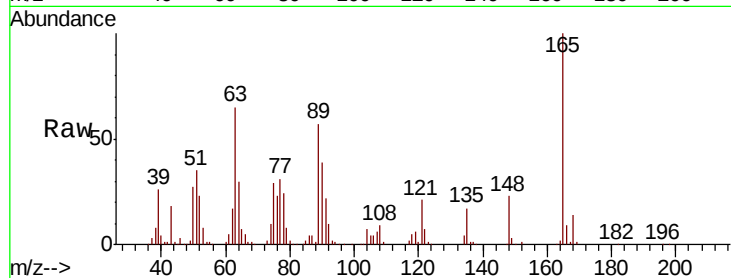




#51
 2,6-Dinitrotoluene
 Concen: 43.795 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

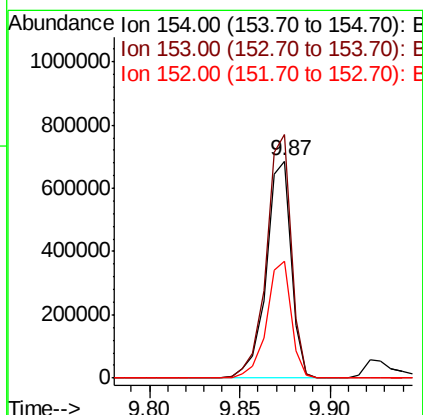
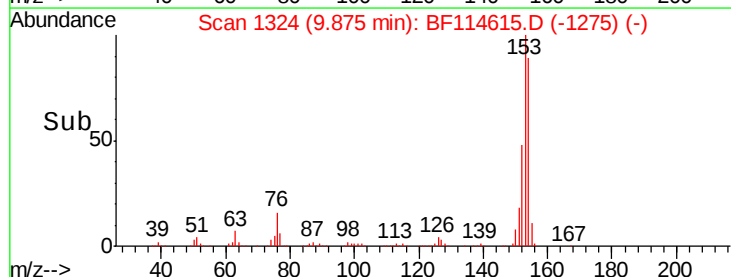
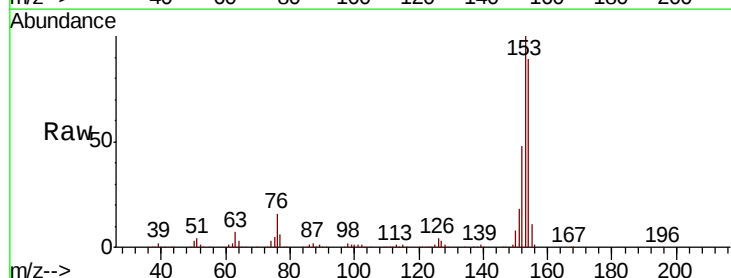
Instrument :
 BNA_F
 ClientSampleId :
 PB119956BS

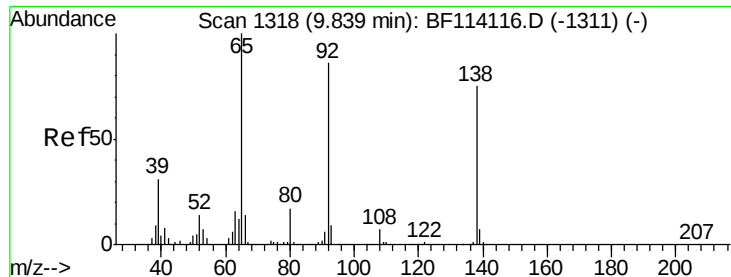
Tot Ion:165 Resp: 175870
 Ion Ratio Lower Upper
 165 100
 63 64.8 50.2 75.4
 89 56.8 46.6 69.8



#52
 Acenaphthene
 Concen: 44.023 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Tgt Ion:154 Resp: 658843
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.5 135.7
 152 53.7 43.4 65.2

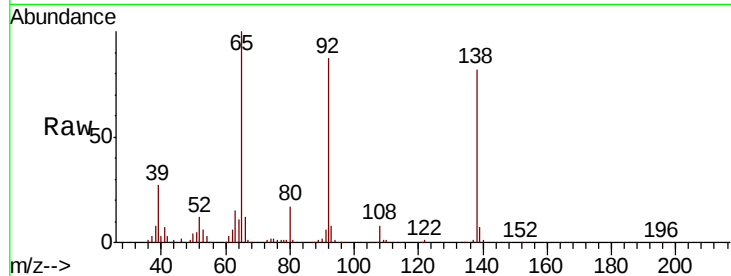




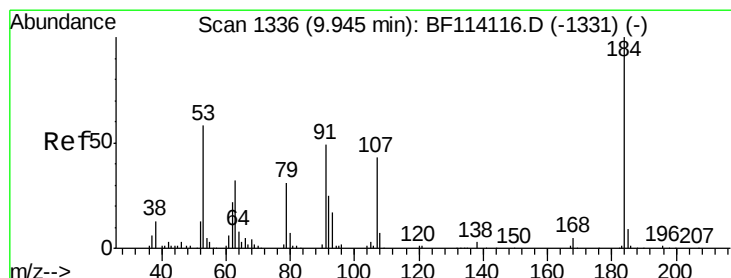
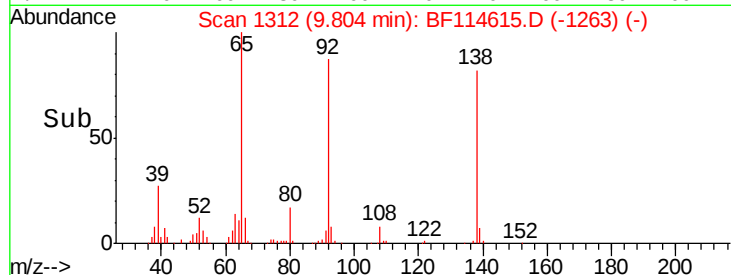
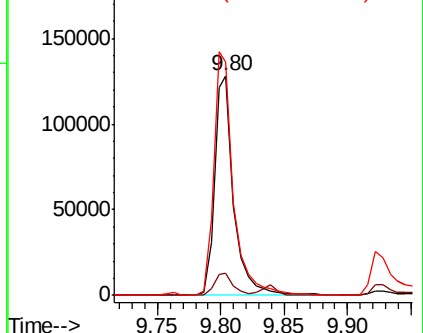
#53
3-Nitroaniline
Concen: 27.228 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion:138 Resp: 135731
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 106.3 91.2 136.8

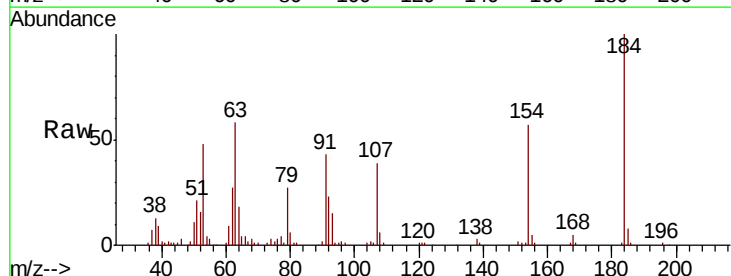


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

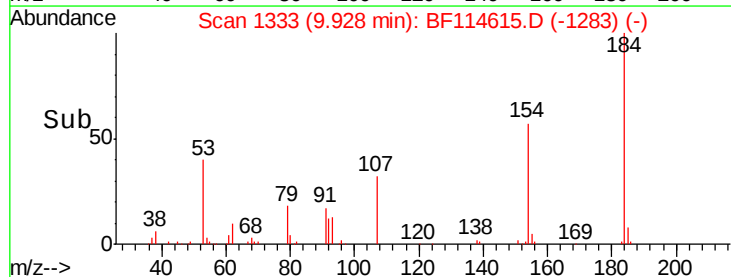
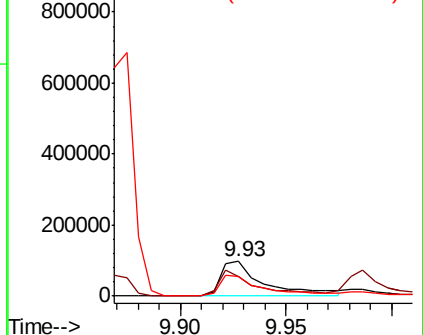


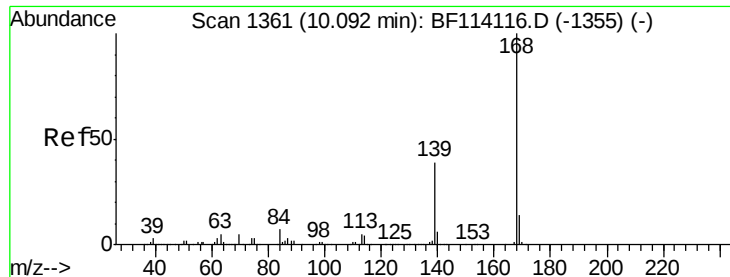
#54
2,4-Dinitrophenol
Concen: 70.643 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:184 Resp: 140907
Ion Ratio Lower Upper
184 100
63 57.7 55.6 83.4
154 57.0 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

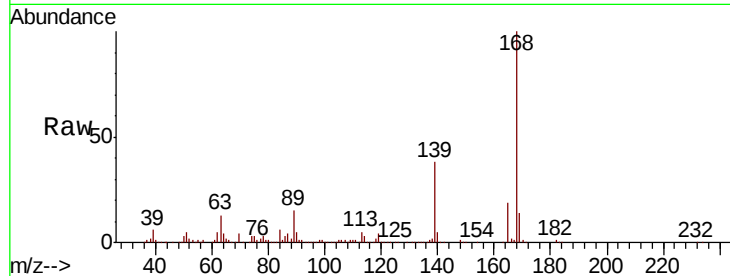




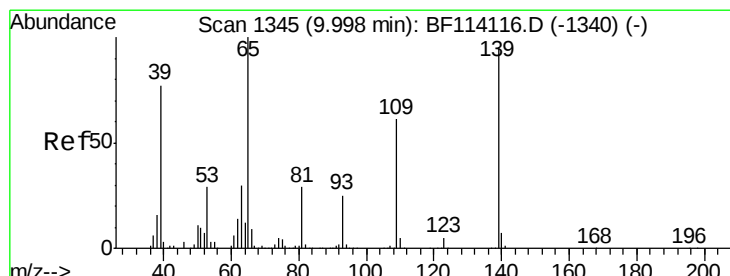
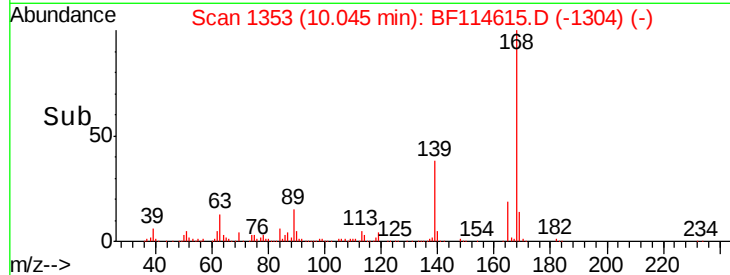
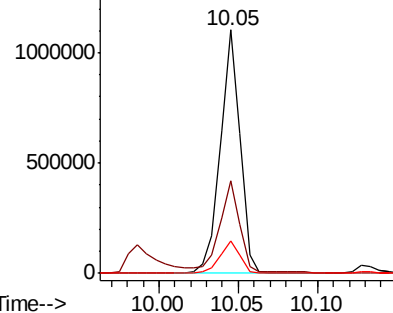
#55
 Dibenzofuran
 Concen: 43.366 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB119956BS

Tot Ion:168 Resp: 951695
 Ion Ratio Lower Upper
 168 100
 139 37.9 31.1 46.7
 169 13.6 11.4 17.0

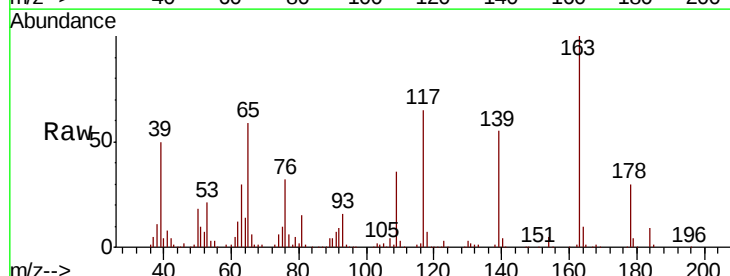


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

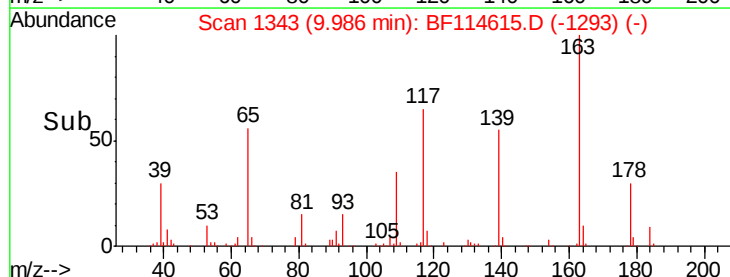
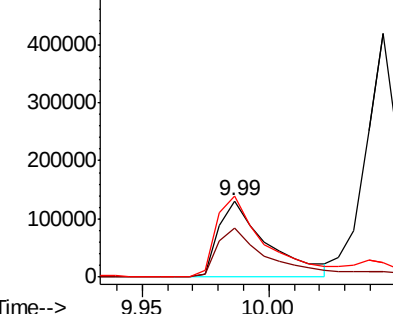


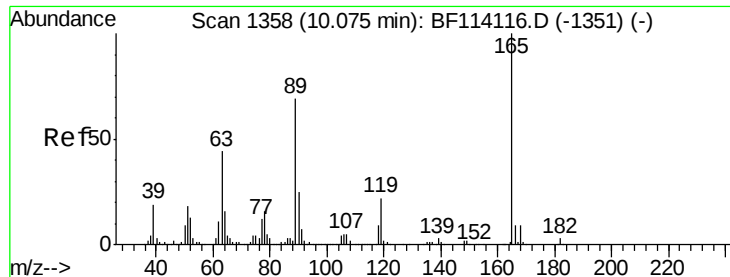
#56
 4-Nitrophenol
 Concen: 49.771 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Tgt Ion:139 Resp: 175458
 Ion Ratio Lower Upper
 139 100
 109 64.9 43.9 83.9
 65 106.0 85.7 125.7



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

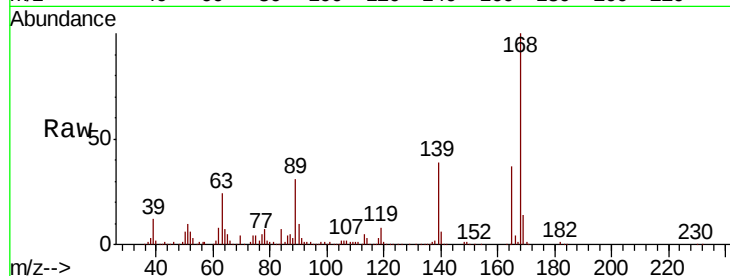




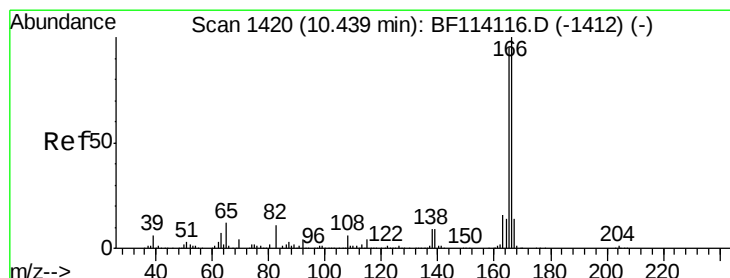
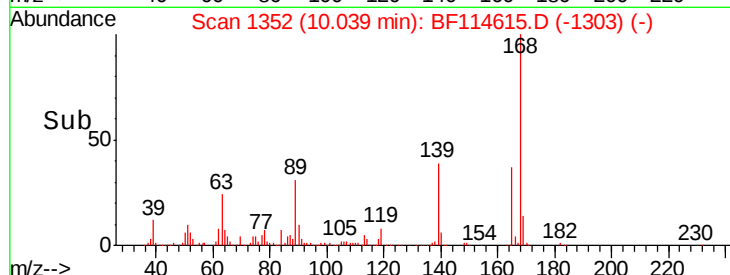
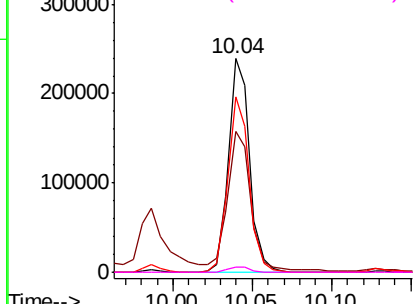
#57
2,4-Dinitrotoluene
Concen: 40.313 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.0	35.5	53.3#
89	82.4	55.2	82.8
182	2.4	2.2	3.2

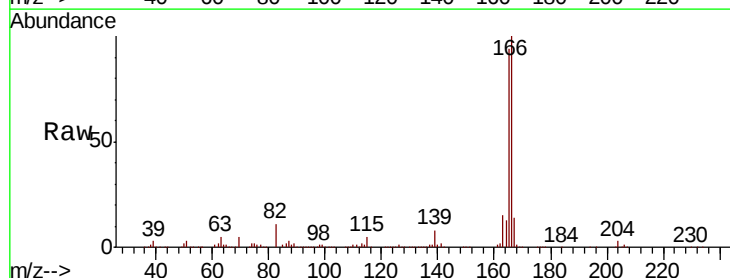


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

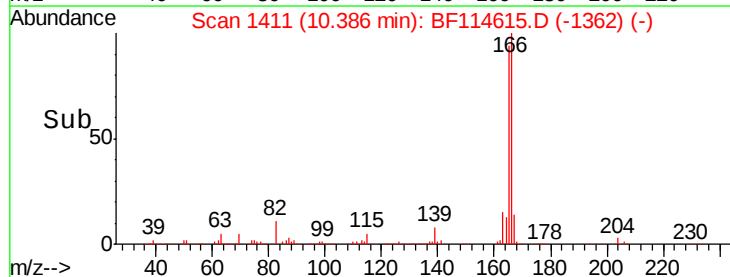
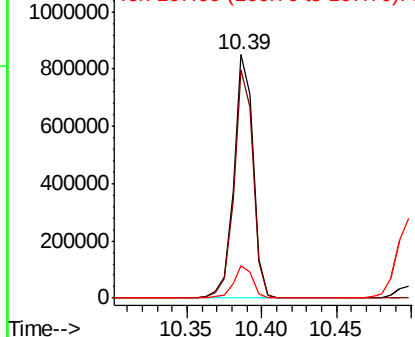


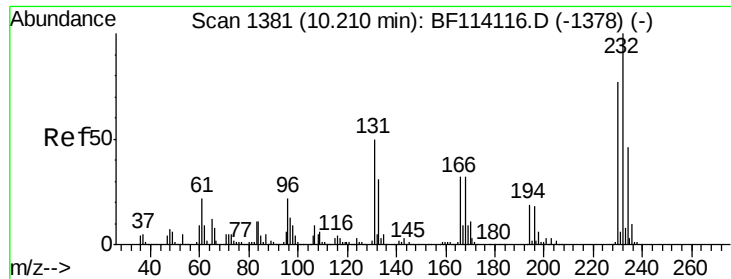
#58
Fluorene
Concen: 45.727 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	76.1	114.1
167	13.6	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

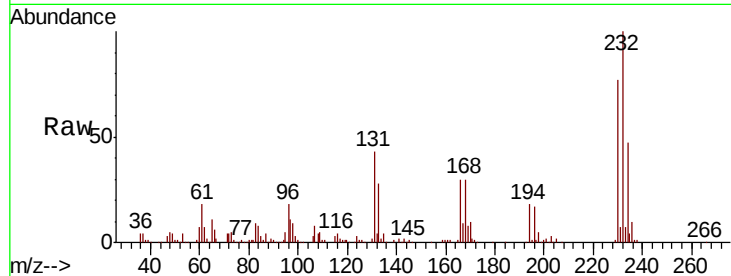




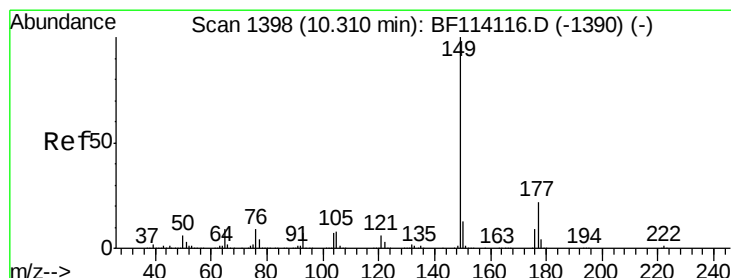
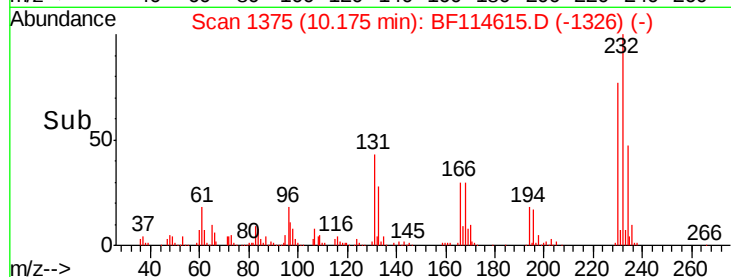
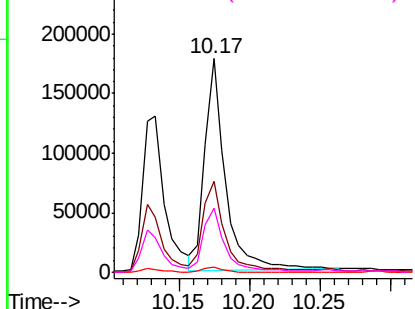
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.878 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion:232	Resp:	181339
Ion Ratio	Lower	Upper
232	100	
131	43.3	35.6 53.4
130	2.4	1.6 2.4
166	30.1	24.1 36.1

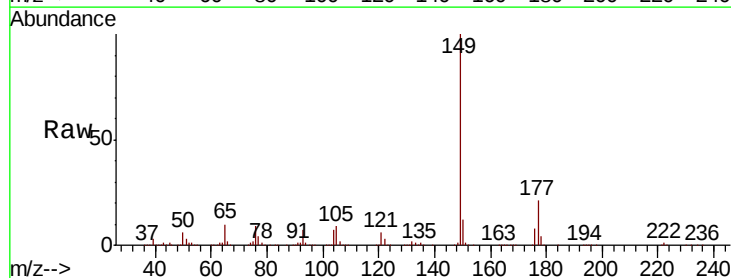


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

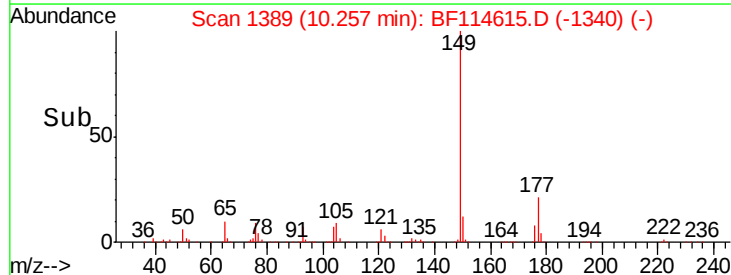
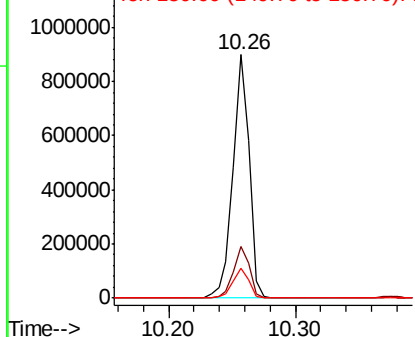


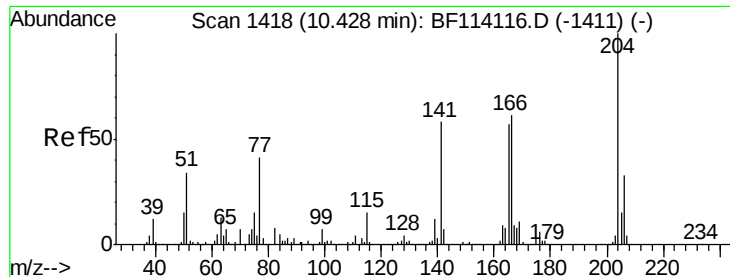
#60
Diethylphthalate
Concen: 42.792 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:149	Resp:	787206
Ion Ratio	Lower	Upper
149	100	
177	21.0	17.8 26.6
150	12.5	10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

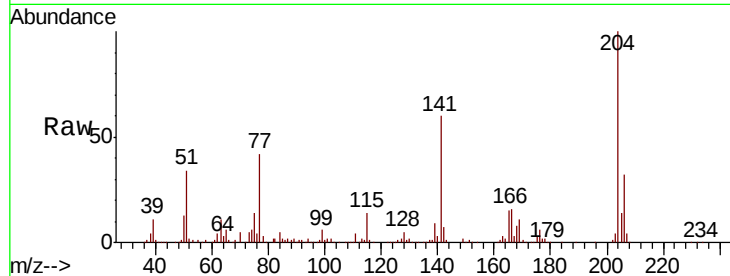




#61
4-Chlorophenyl-phenylether
Concen: 44.836 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	60.4	46.4	69.6

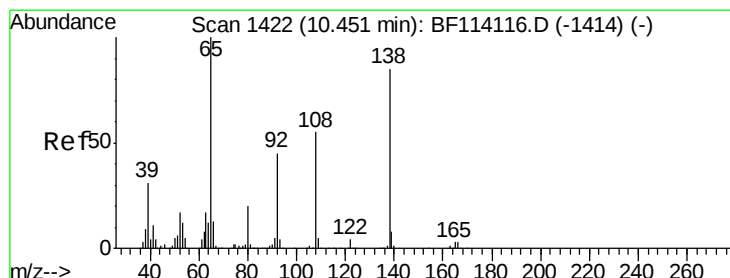
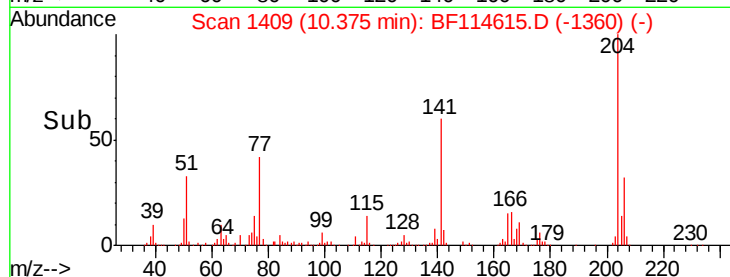
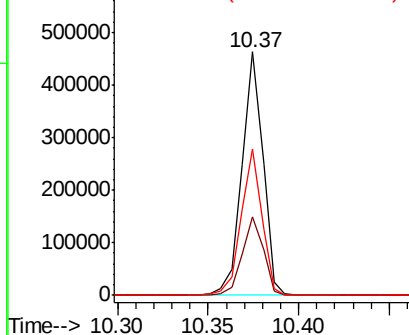


Abundance

Ion 204.00 (203.70 to 204.70): E

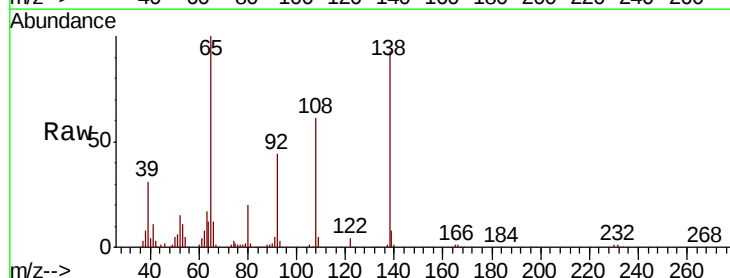
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.238 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	33.0	73.0
108	65.1	44.9	84.9

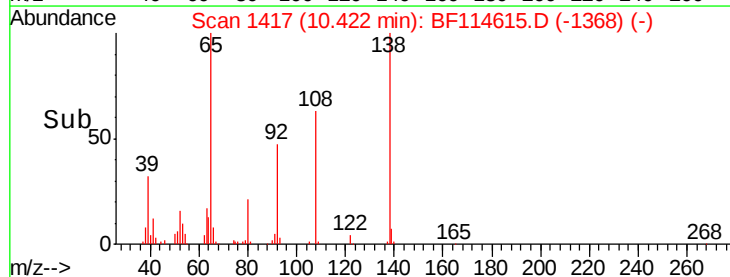
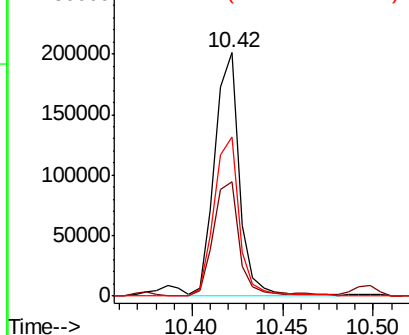


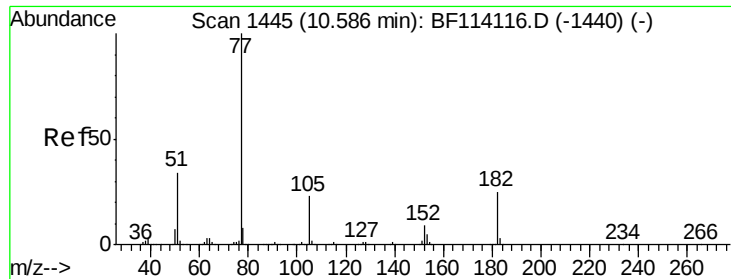
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.489 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

Tot Ion: 77 Resp: 756593

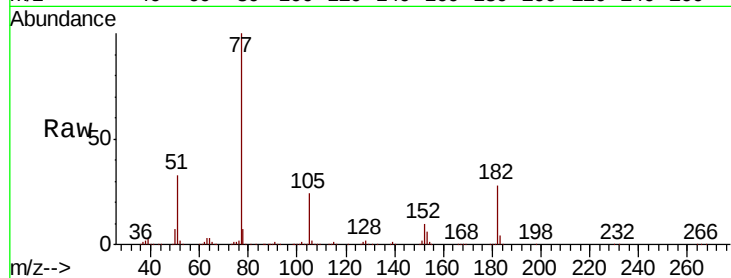
Ion Ratio Lower Upper

77 100

182 28.0 4.7 44.7

105 23.5 2.9 42.9

51 32.6 14.6 54.6

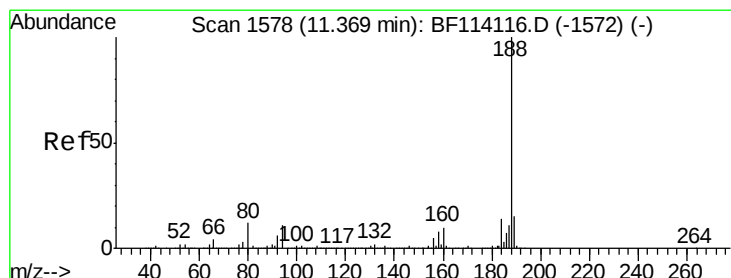
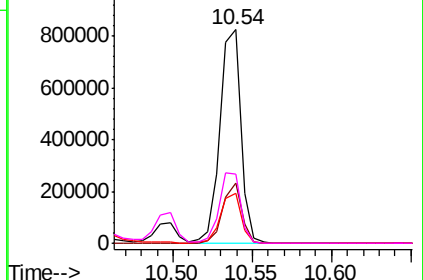
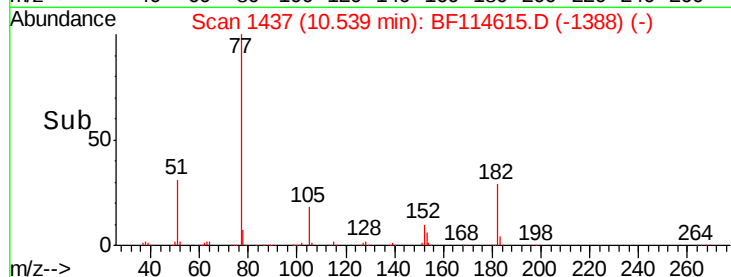


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

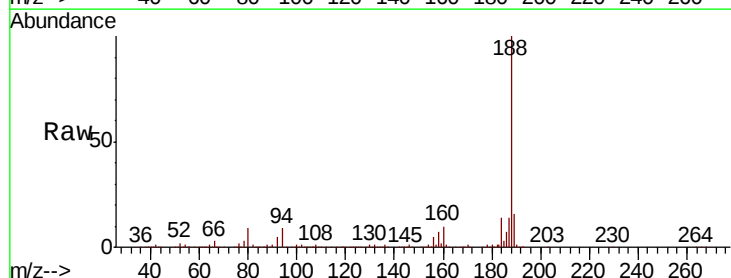
Tgt Ion: 188 Resp: 481248

Ion Ratio Lower Upper

188 100

94 9.0 8.4 12.6

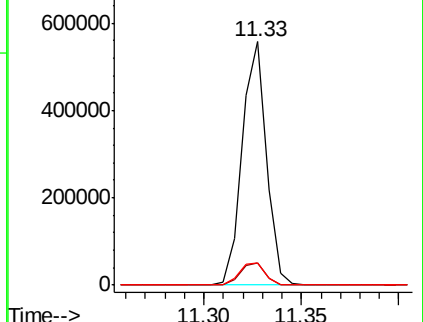
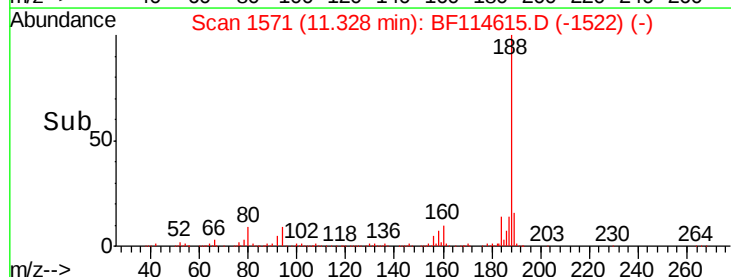
80 9.1 9.2 13.8#

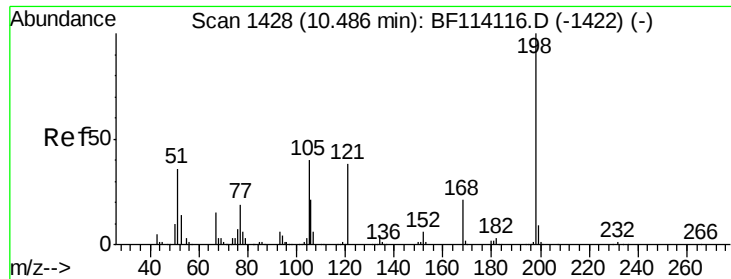


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

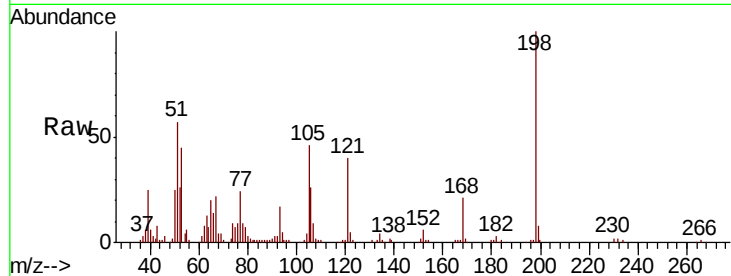




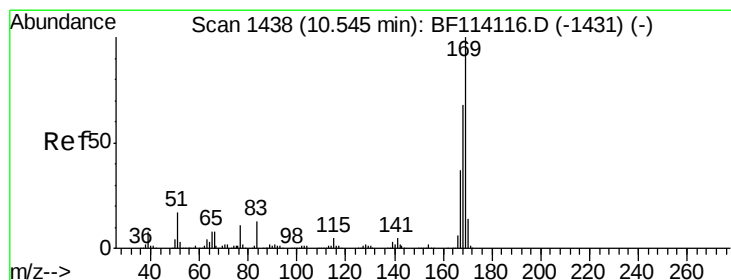
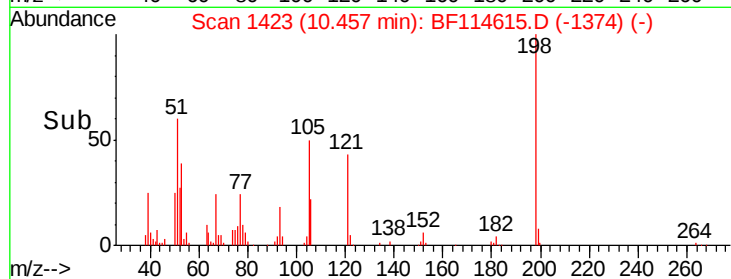
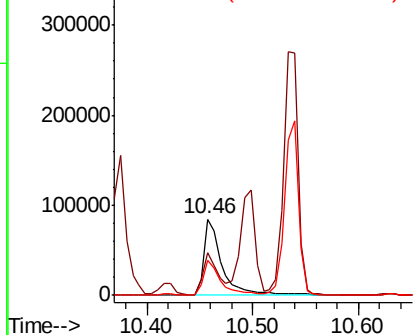
#65
4,6-Dinitro-2-methylphenol
Concen: 43.978 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	56.9	28.0	68.0
105	46.3	21.1	61.1

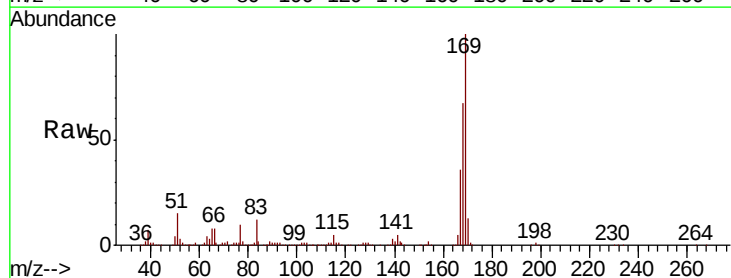


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

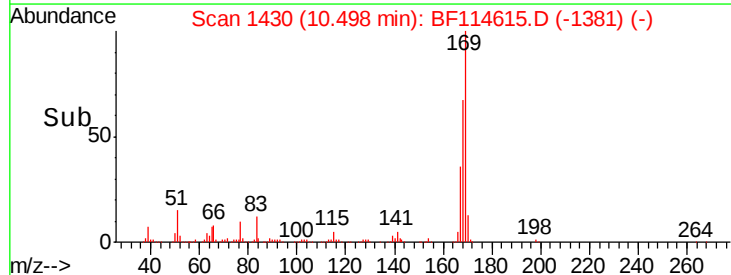
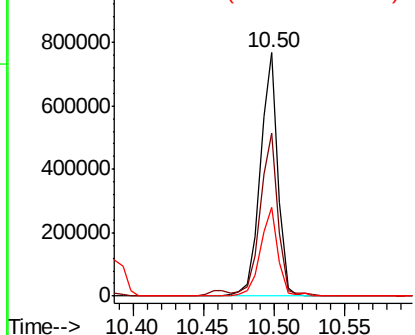


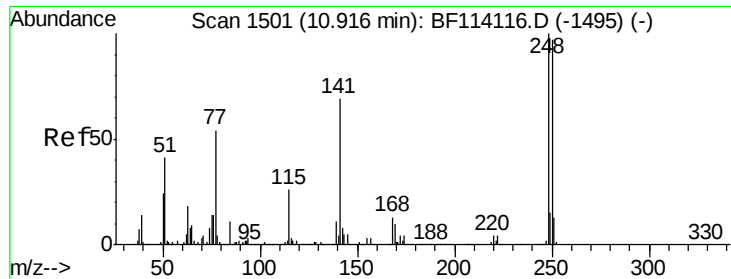
#66
n-Nitrosodiphenylamine
Concen: 46.269 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.2	81.2
167	36.3	29.8	44.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

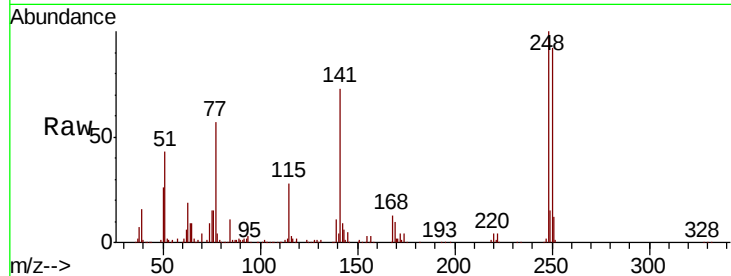




#67
4-Bromophenyl-phenylether
Concen: 43.710 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.9	77.4	116.2
141	73.2	55.6	83.4

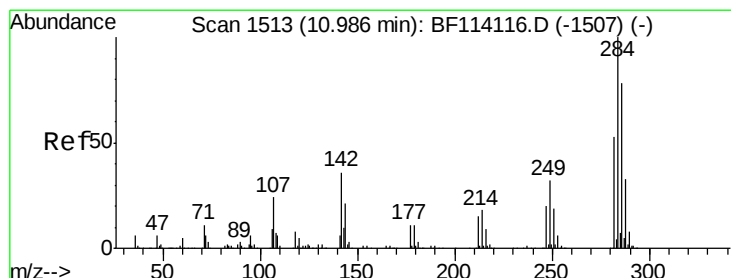
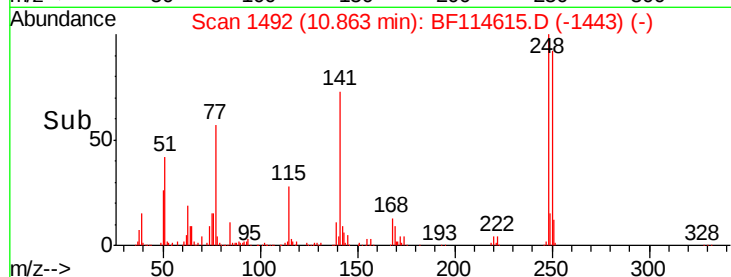
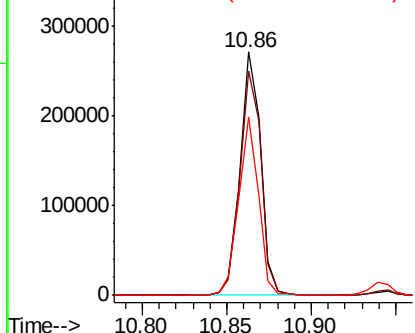


Abundance

Ion 248.00 (247.70 to 248.70): E

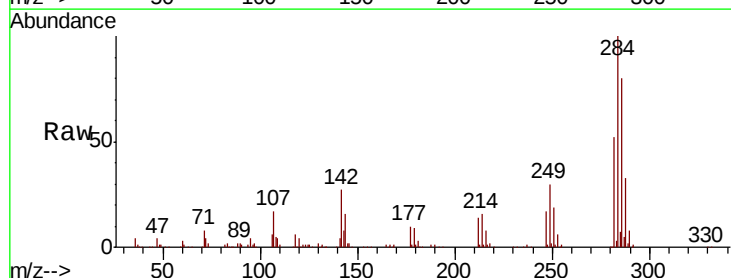
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.973 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	28.4	42.6#
249	30.0	25.2	37.8

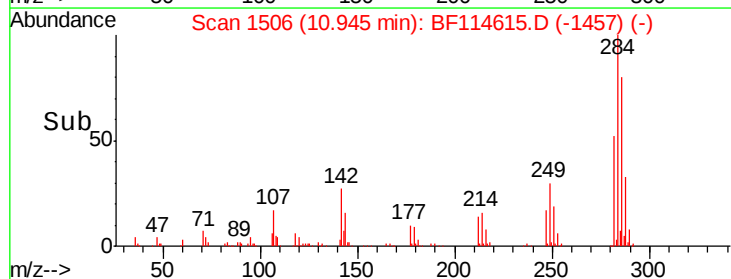
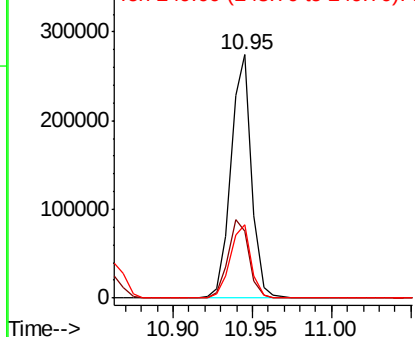


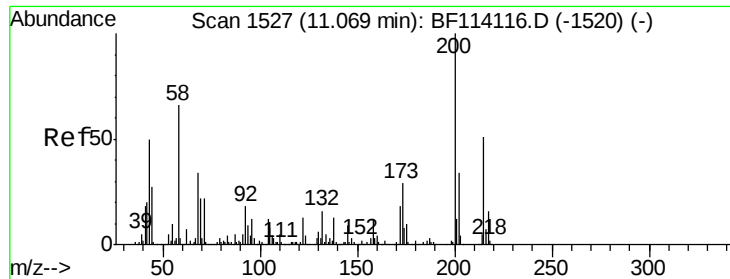
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

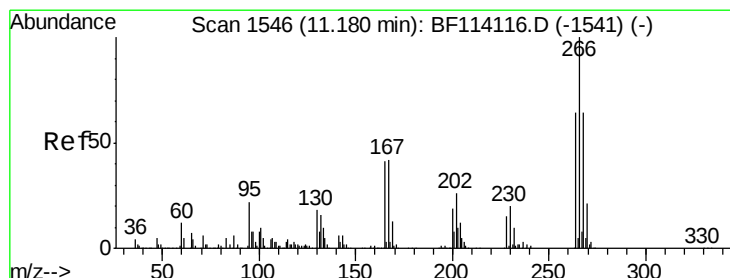
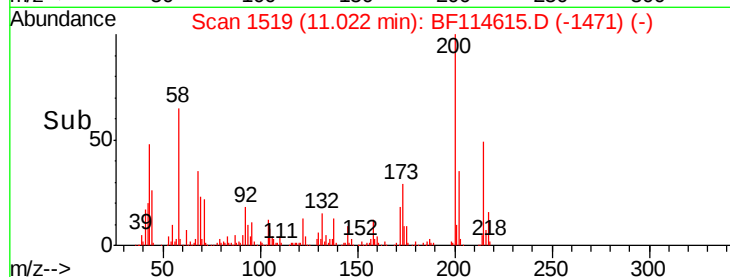
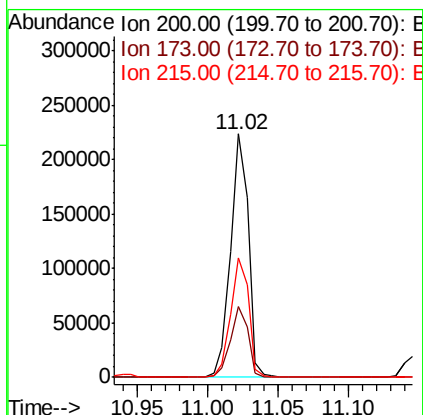
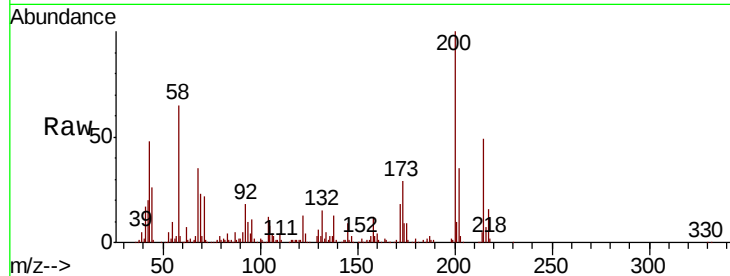




#69
Atrazine
Concen: 43.207 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

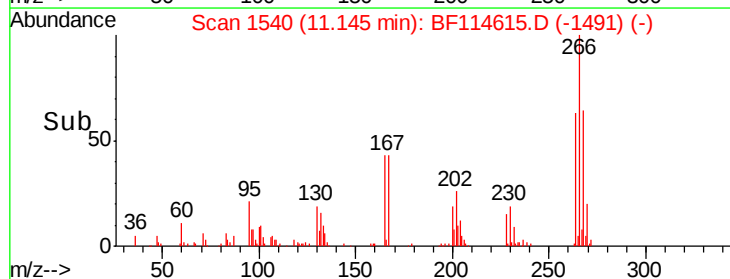
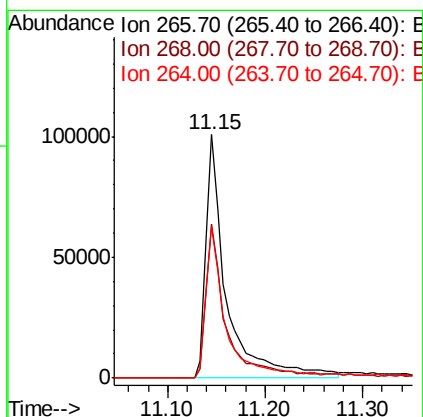
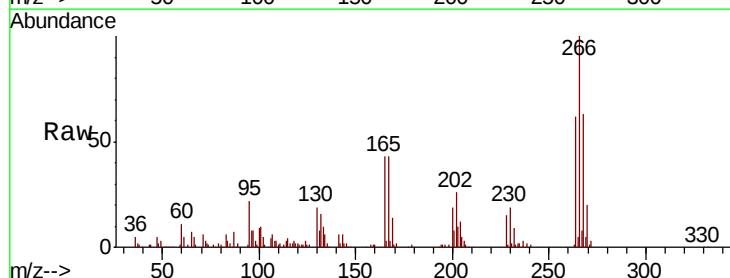
Instrument :
BNA_F
ClientSampleId :
PB119956BS

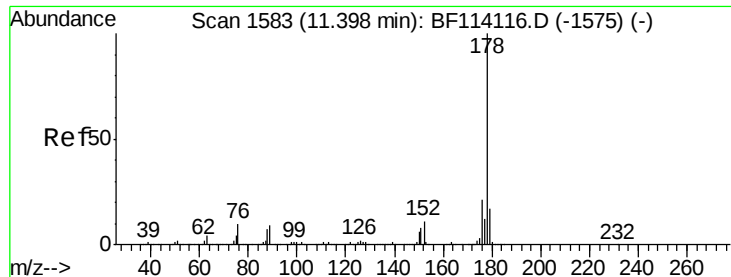
Tot Ion:200 Resp: 196390
Ion Ratio Lower Upper
200 100
173 29.3 8.9 48.9
215 49.2 30.7 70.7



#70
Pentachlorophenol
Concen: 53.603 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:266 Resp: 148950
Ion Ratio Lower Upper
266 100
268 63.5 51.1 76.7
264 62.4 51.1 76.7





#71

Phenanthrene

Concen: 46.371 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

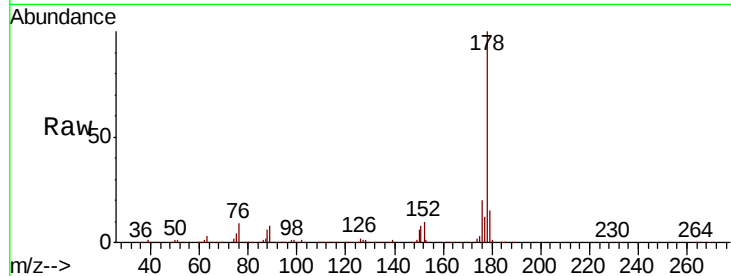
Tot Ion:178 Resp: 1085702

Ion Ratio Lower Upper

178 100

176 19.5 16.4 24.6

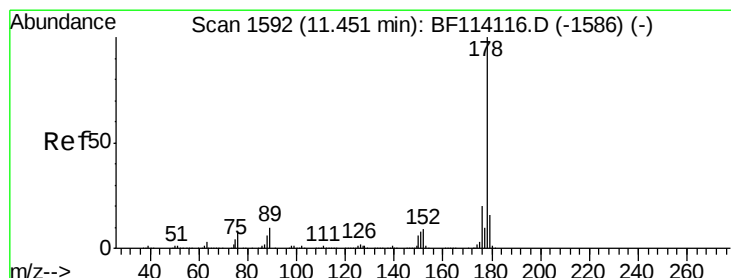
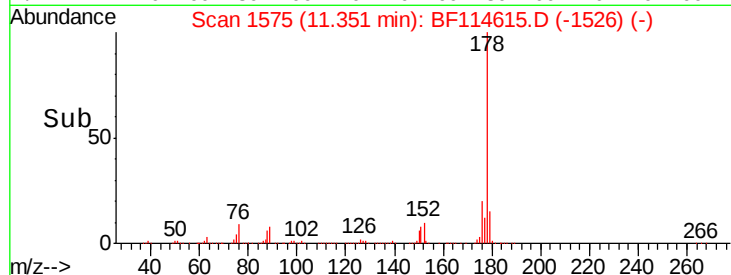
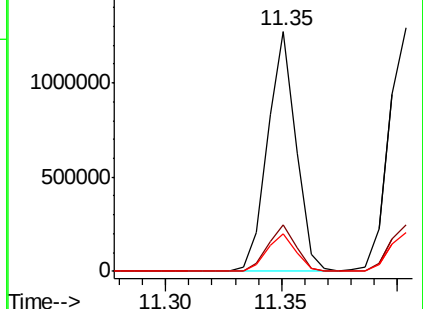
179 15.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.362 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

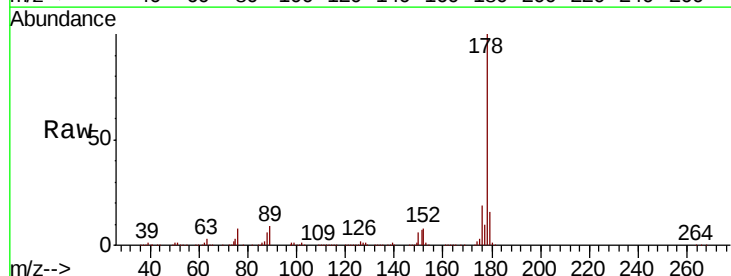
Tgt Ion:178 Resp: 1137305

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

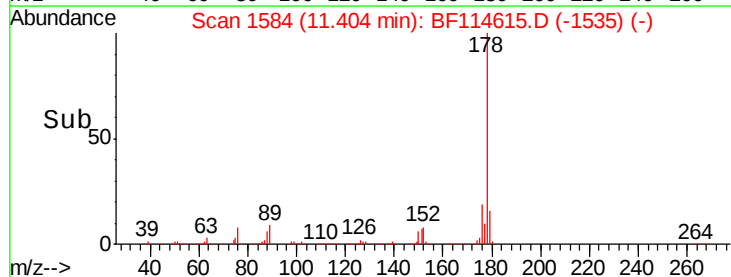
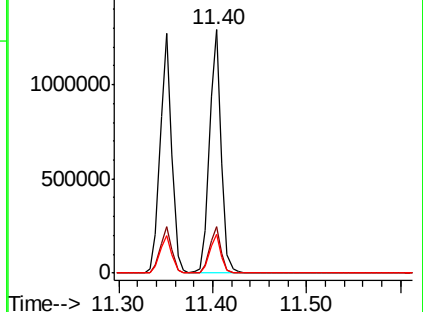
179 16.0 13.0 19.4

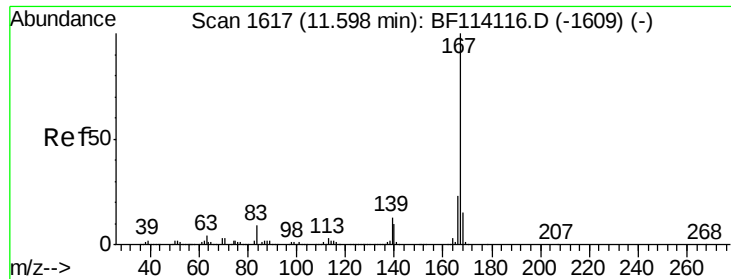


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



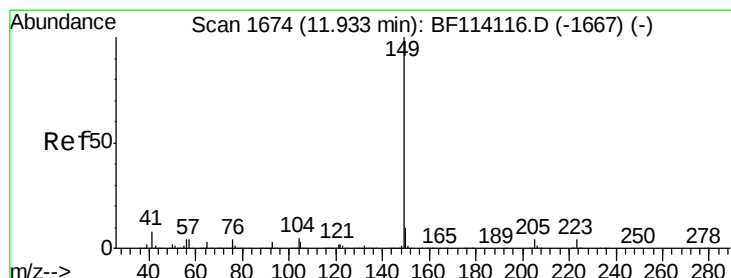
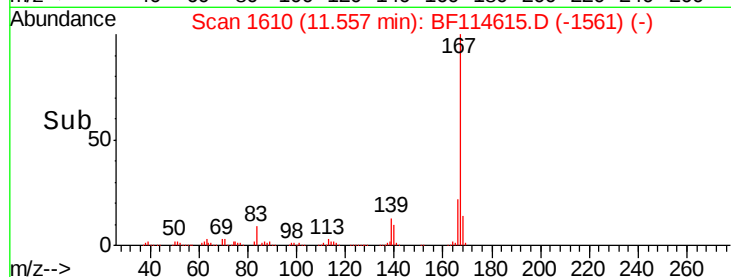
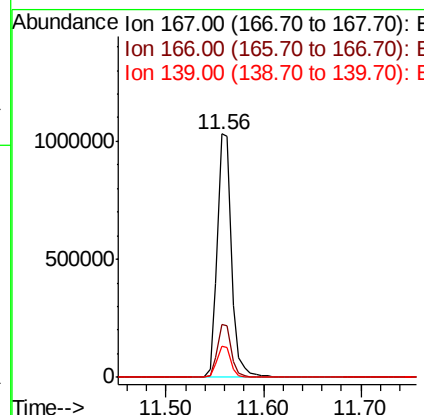
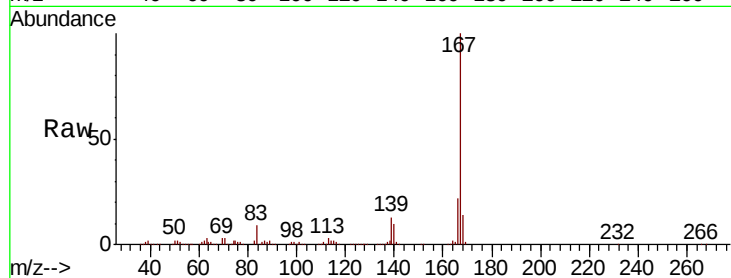


#73
 Carbazole
 Concen: 46.839 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB119956BS

Tot Ion:167 Resp: 1050387

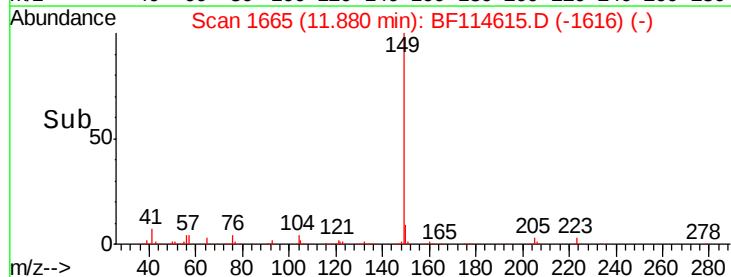
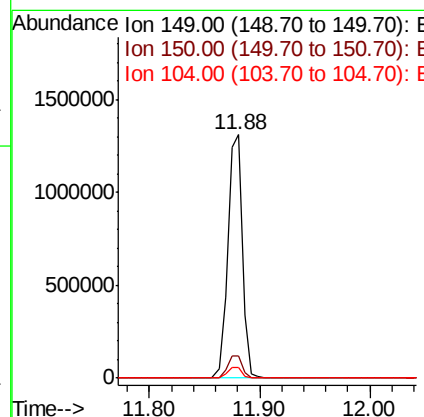
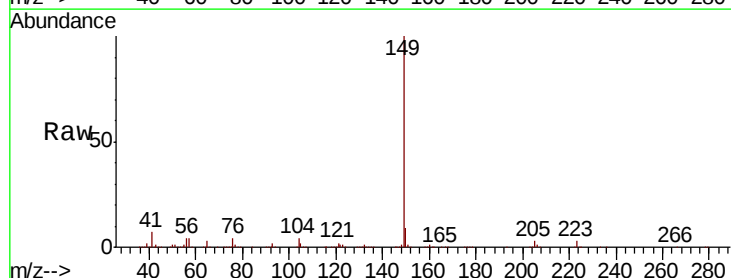
Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	12.9	10.6	16.0

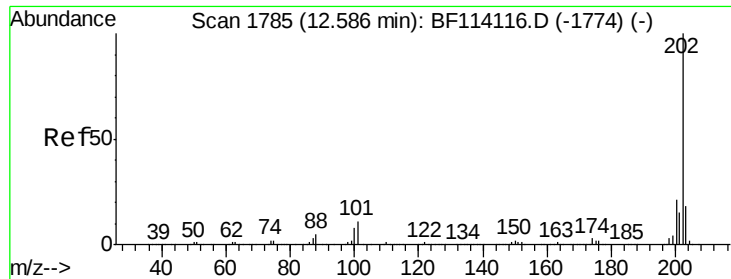


#74
 Di-n-butylphthalate
 Concen: 46.868 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Tgt Ion:149 Resp: 1210861

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.2	3.6	5.4



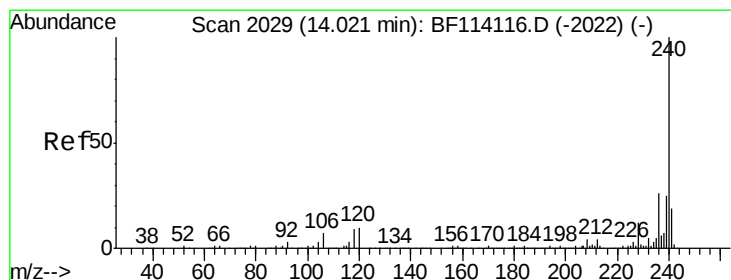
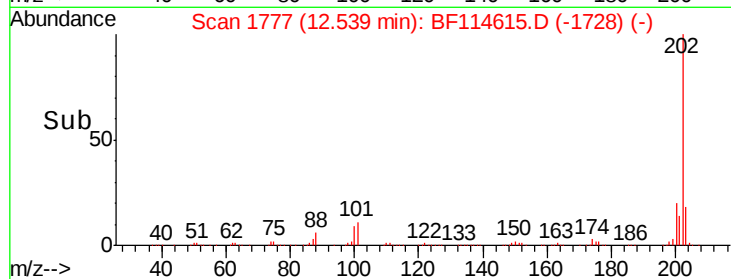
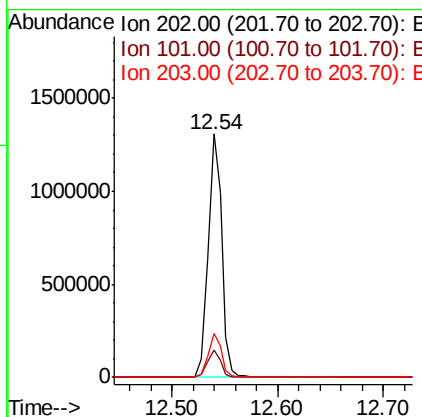
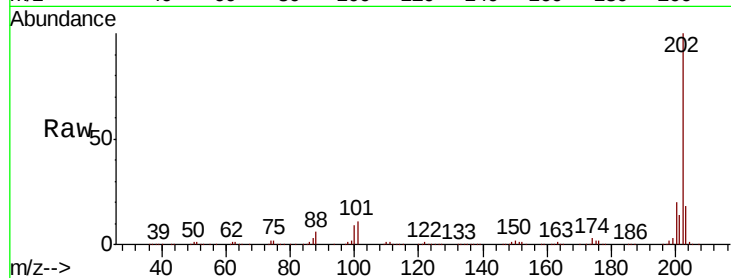


#75
 Fluoranthene
 Concen: 46.641 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB119956BS

Tot Ion:202 Resp: 1175954

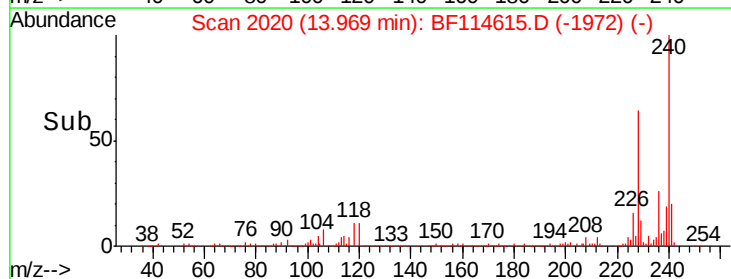
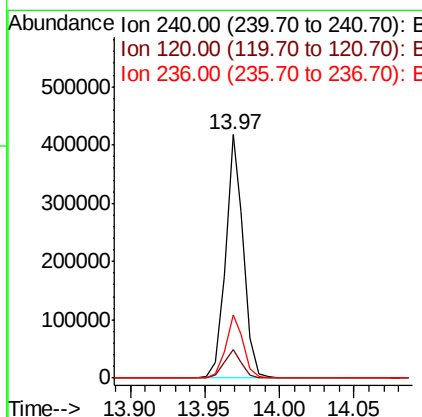
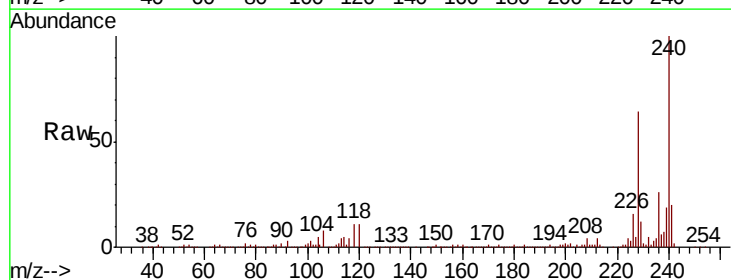
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.0
203	18.1	0.0	38.4

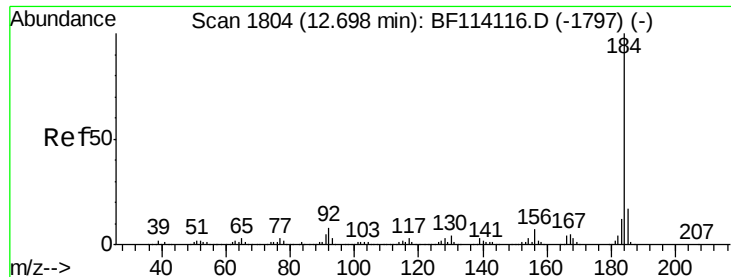


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114615.D
 Acq: 25 May 2019 20:16

Tgt Ion:240 Resp: 348964

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.9	20.8	31.2





#77

Benzidine

Concen: 37.241 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

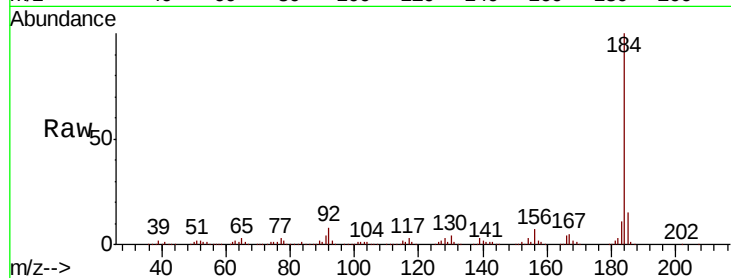
Tot Ion:184 Resp: 583364

Ion Ratio Lower Upper

184 100

185 14.9 13.6 20.4

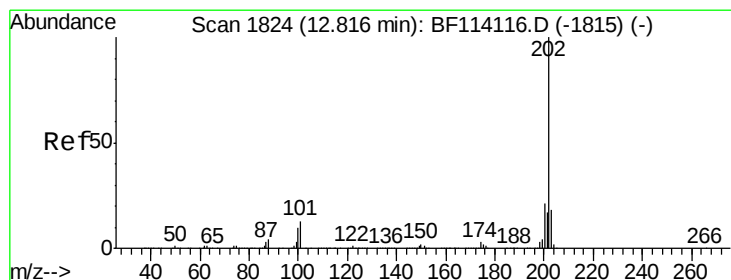
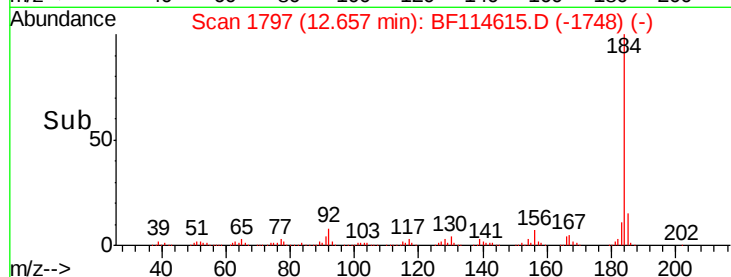
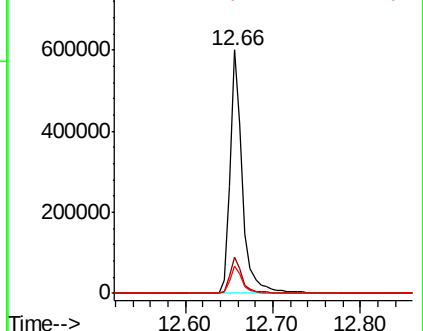
183 11.2 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.197 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

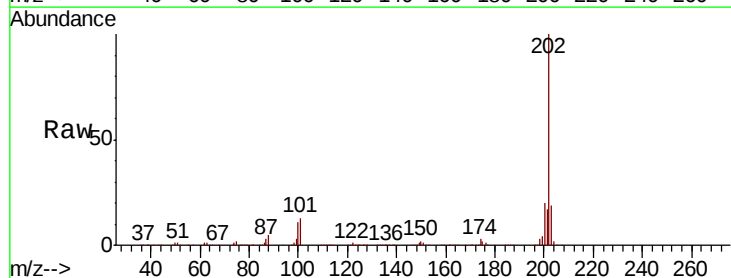
Tgt Ion:202 Resp: 1184577

Ion Ratio Lower Upper

202 100

200 20.2 16.9 25.3

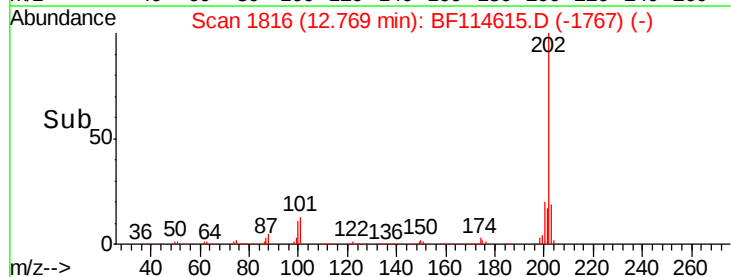
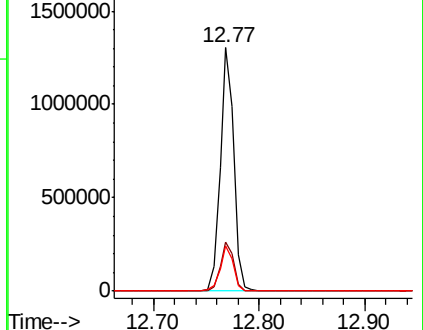
203 18.5 14.5 21.7

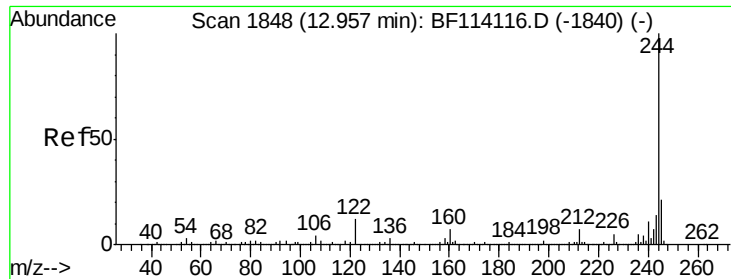


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.978 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

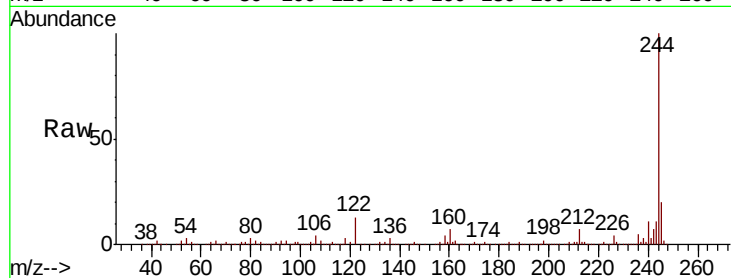
Tot Ion:244 Resp: 1540096

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

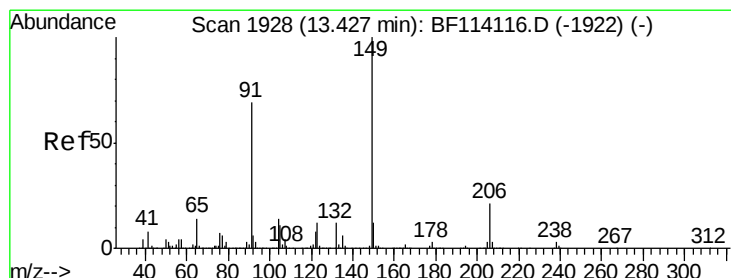
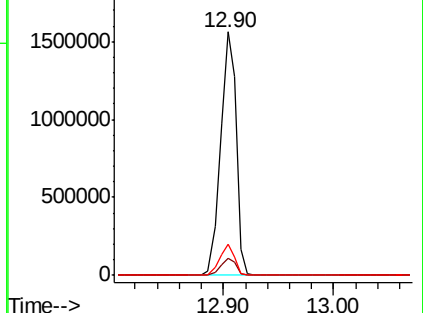
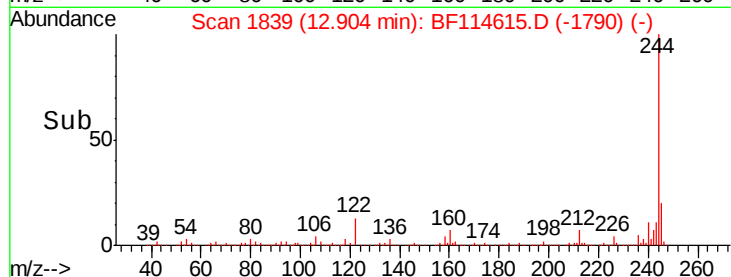
122 12.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.113 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

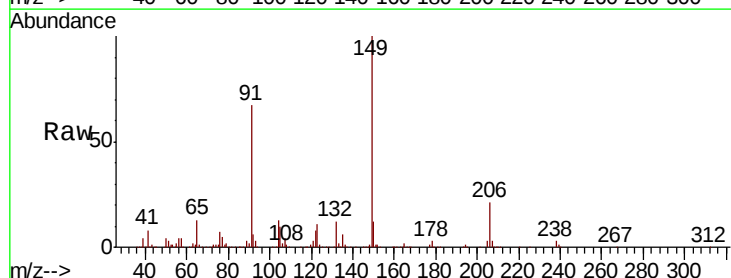
Tgt Ion:149 Resp: 533049

Ion Ratio Lower Upper

149 100

91 67.0 55.0 82.4

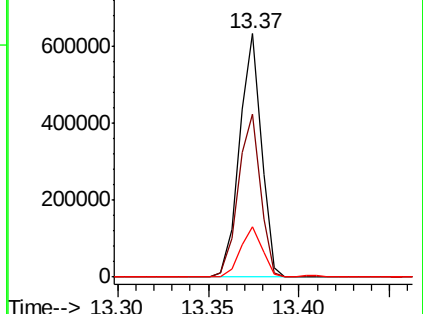
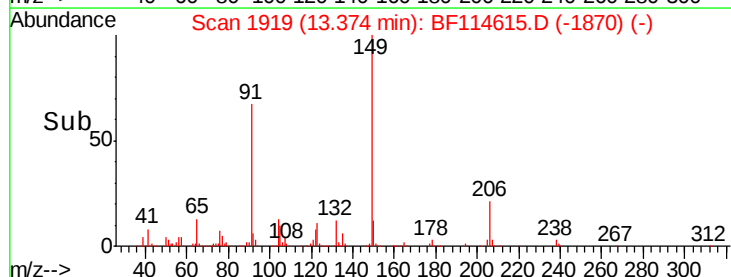
206 20.8 16.9 25.3

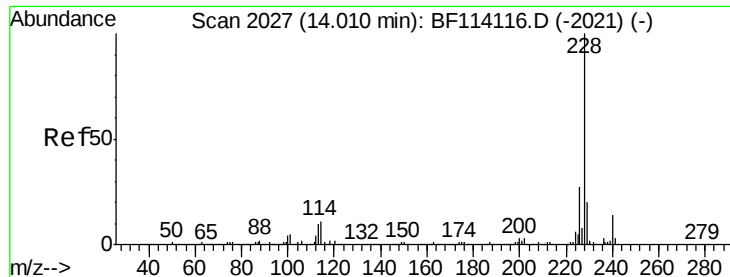


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.583 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

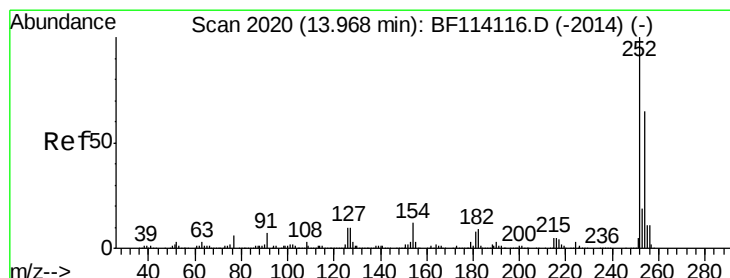
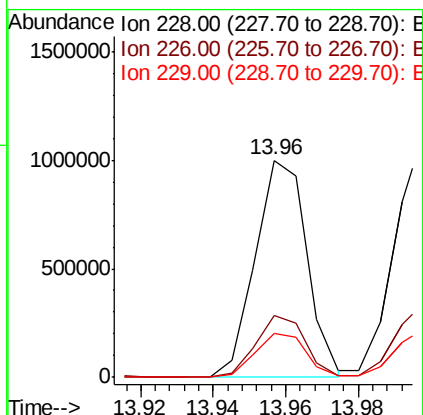
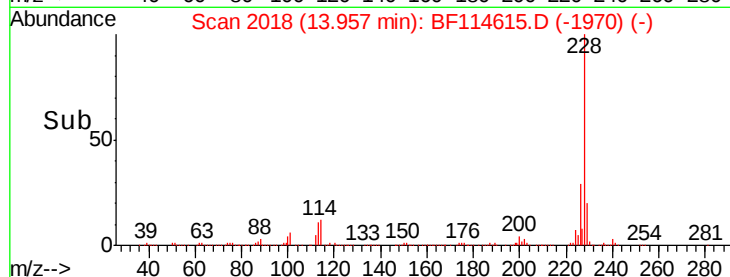
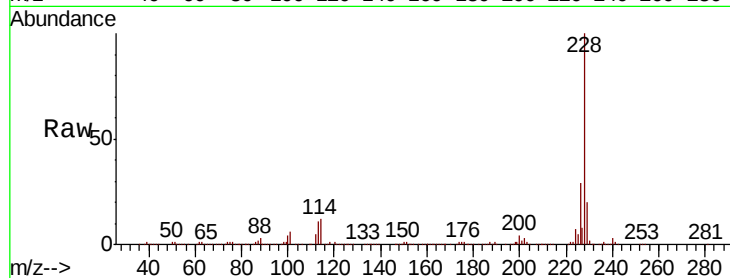
Tot Ion:228 Resp: 983704

Ion Ratio Lower Upper

228 100

226 28.5 22.2 33.2

229 20.4 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 32.576 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

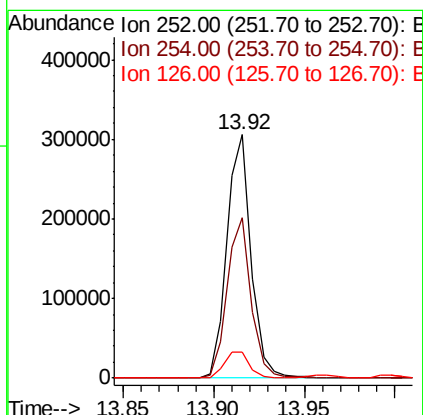
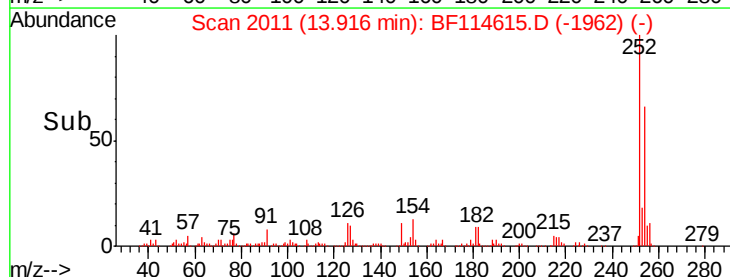
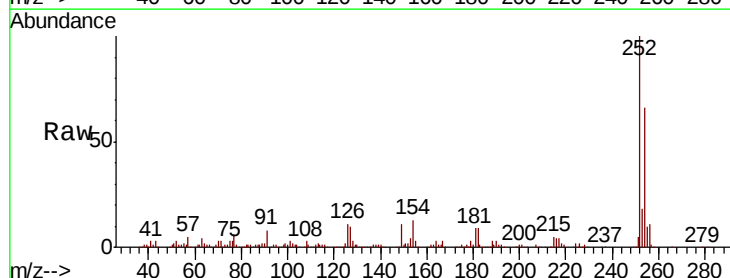
Tgt Ion:252 Resp: 285234

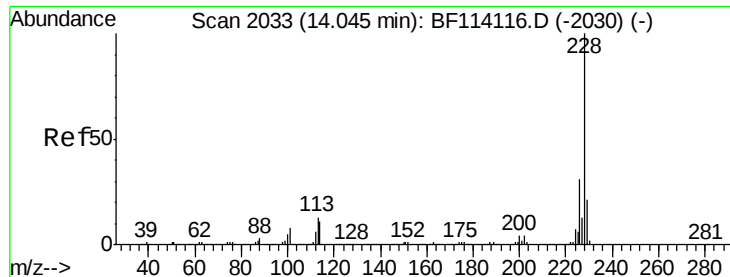
Ion Ratio Lower Upper

252 100

254 65.8 51.9 77.9

126 10.6 7.9 11.9





#83

Chrysene

Concen: 45.164 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

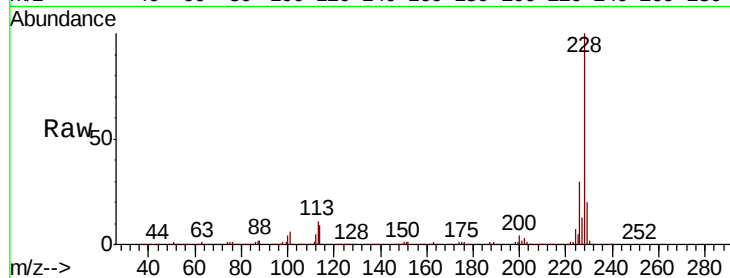
Tot Ion:228 Resp: 999298

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

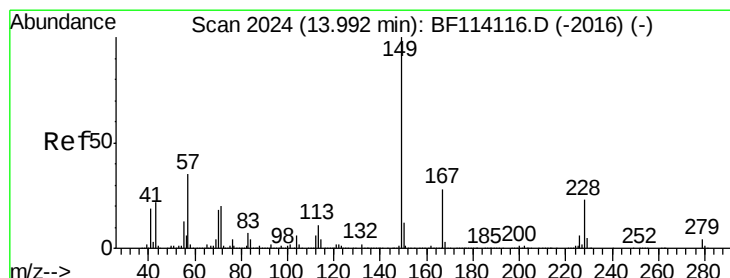
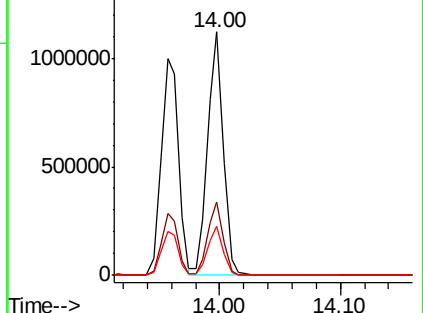
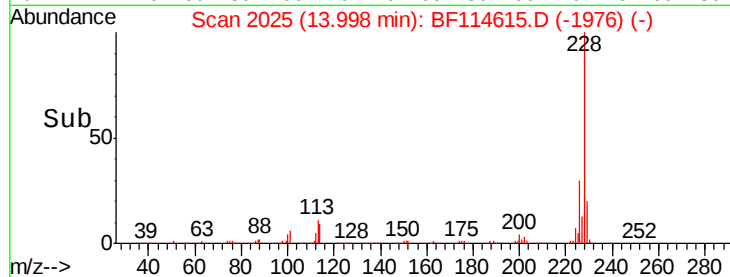
229 20.0 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.978 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

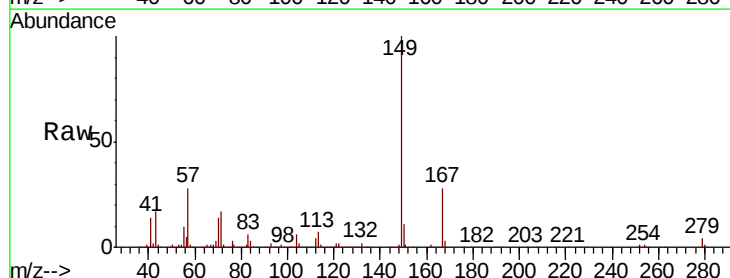
Tgt Ion:149 Resp: 725985

Ion Ratio Lower Upper

149 100

167 27.5 22.6 33.8

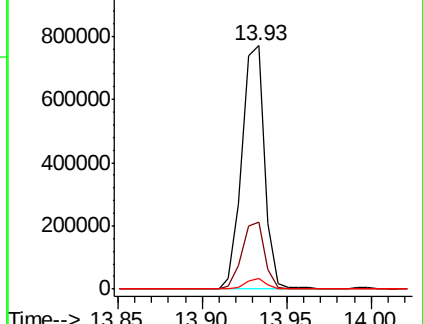
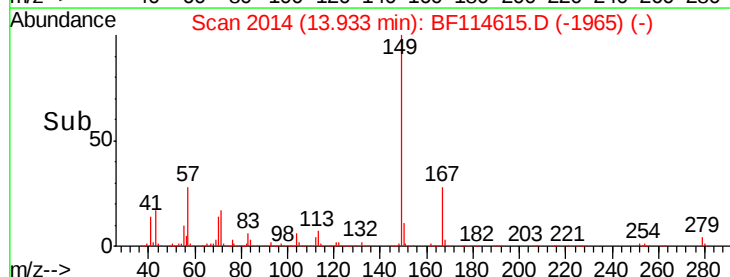
279 4.4 3.0 4.6

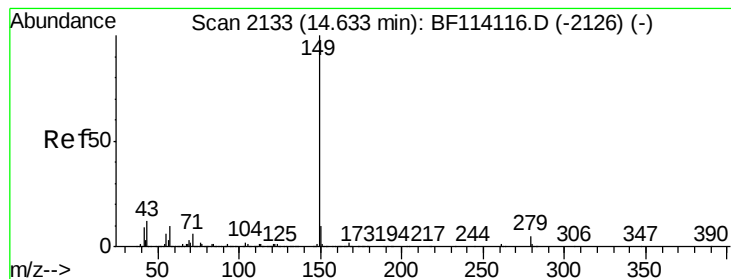


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.205 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

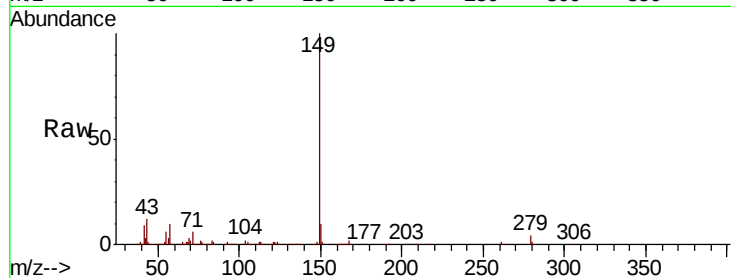
Tot Ion:149 Resp: 1182550

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

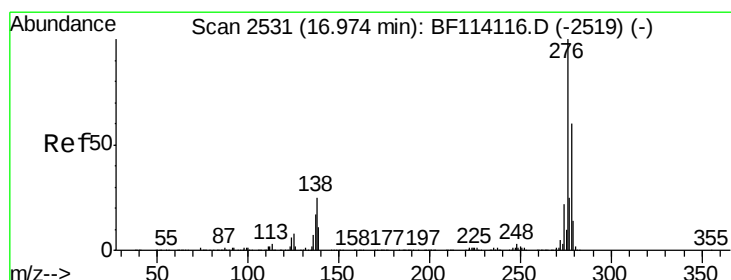
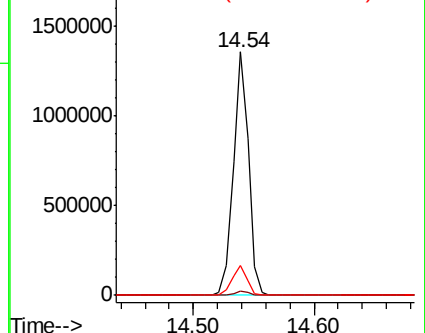
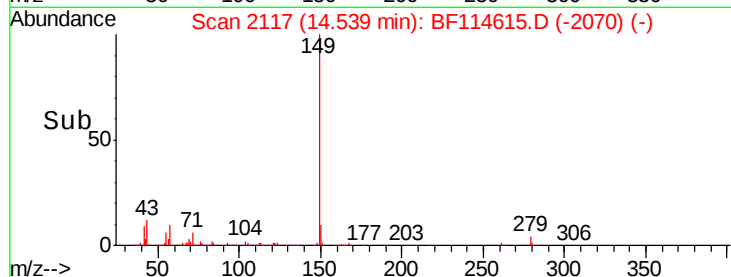
43 11.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.175 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

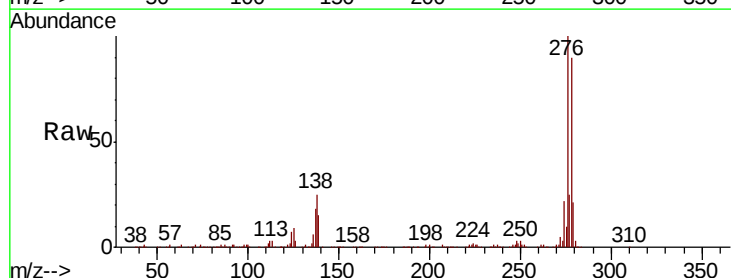
Tgt Ion:276 Resp: 883364

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.2

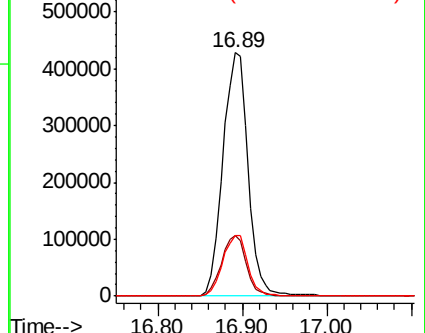
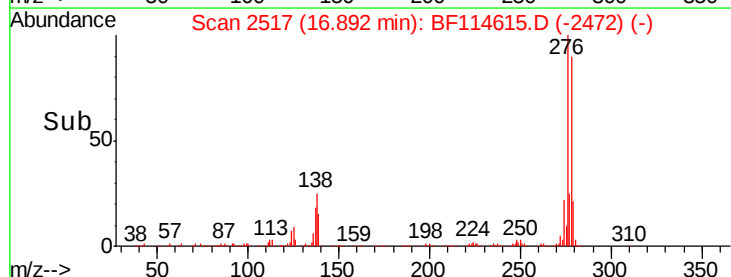
277 25.0 20.0 30.0

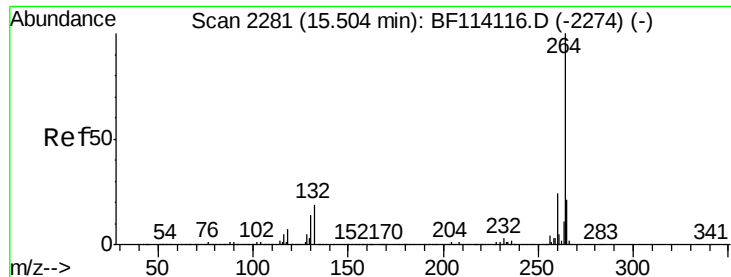


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

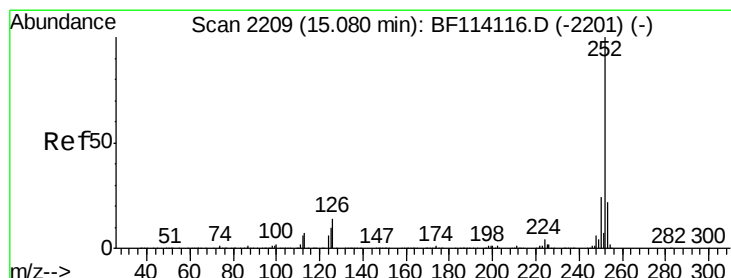
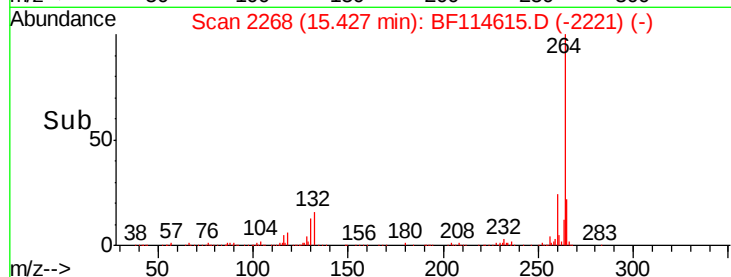
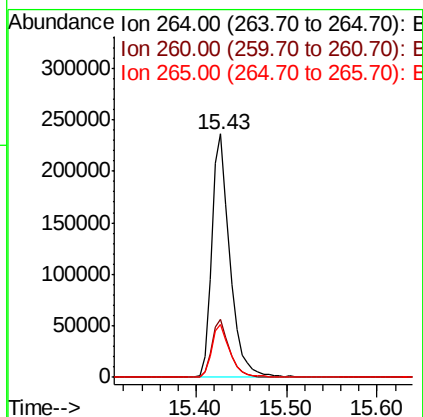
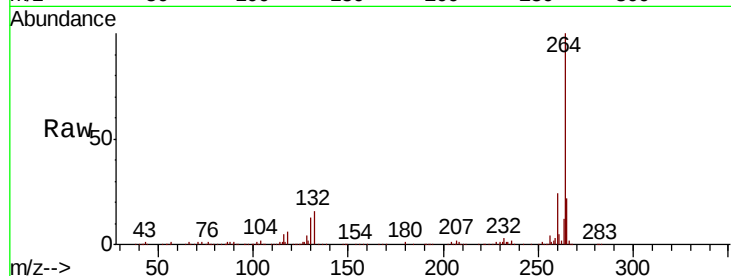




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

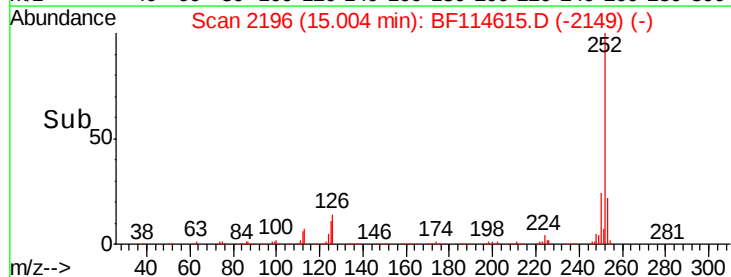
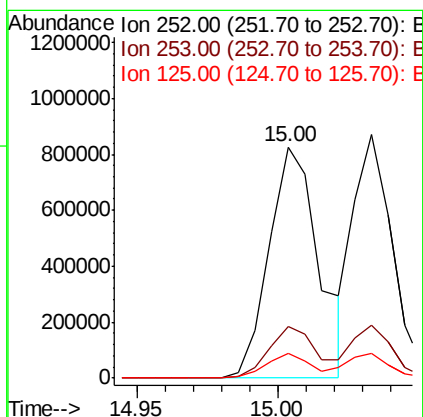
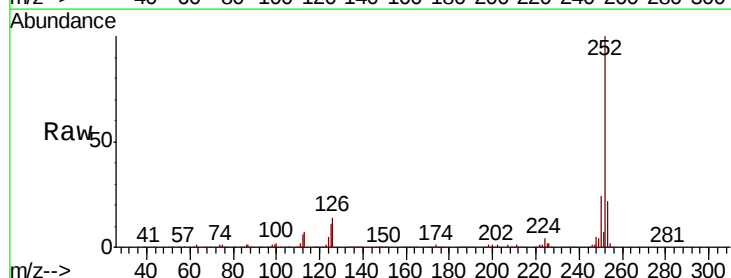
Instrument :
BNA_F
ClientSampleId :
PB119956BS

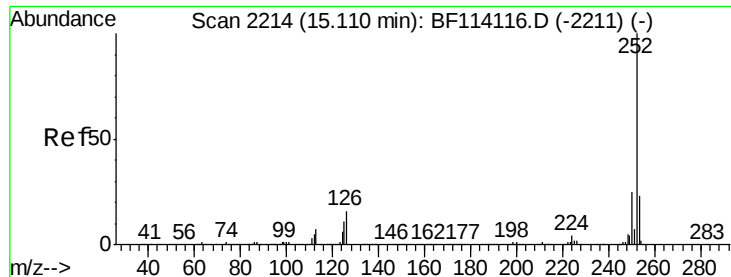
Tot Ion:264 Resp: 327926
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 21.6 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 48.339 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:252 Resp: 1015542
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.8 8.3 12.5

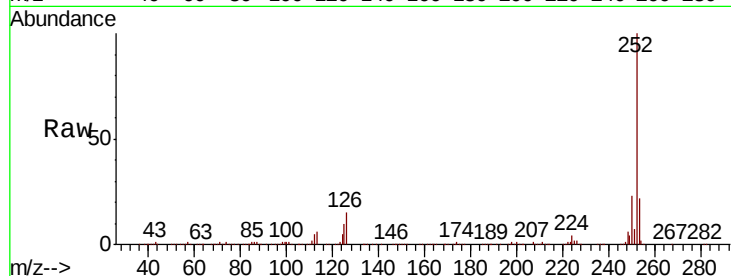




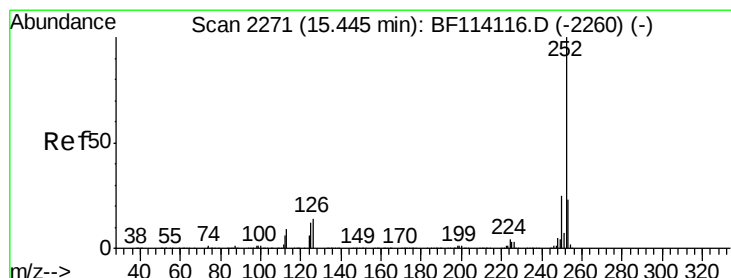
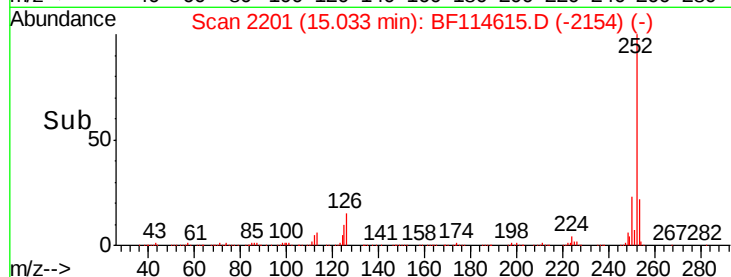
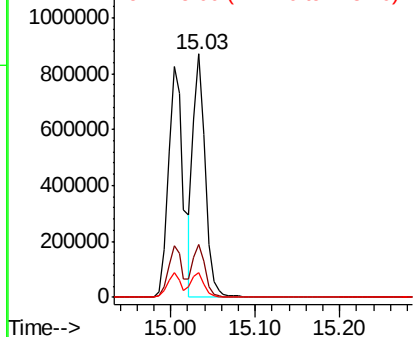
#89
Benzo(k)fluoranthene
Concen: 44.009 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Instrument :
BNA_F
ClientSampleId :
PB119956BS

Tot Ion:252 Resp: 849319
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.3 8.6 13.0

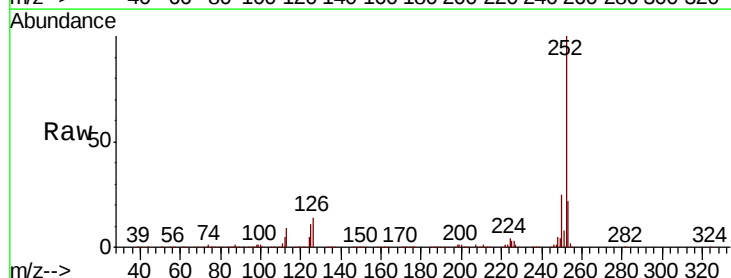


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

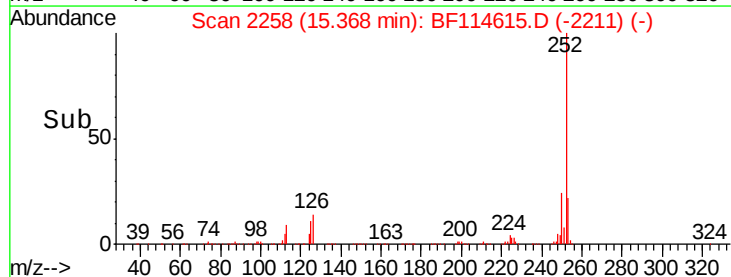
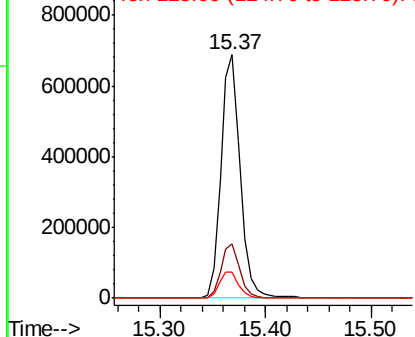


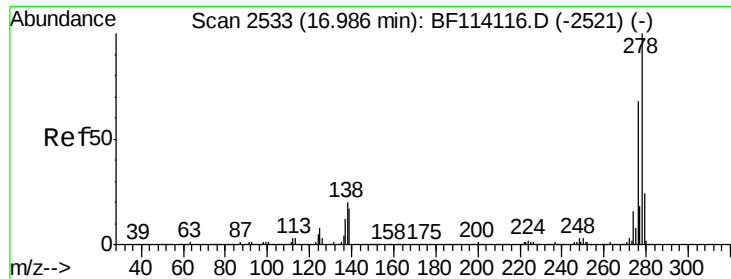
#90
Benzo(a)pyrene
Concen: 47.159 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114615.D
Acq: 25 May 2019 20:16

Tgt Ion:252 Resp: 871939
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.8 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.483 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Instrument :

BNA_F

ClientSampleId :

PB119956BS

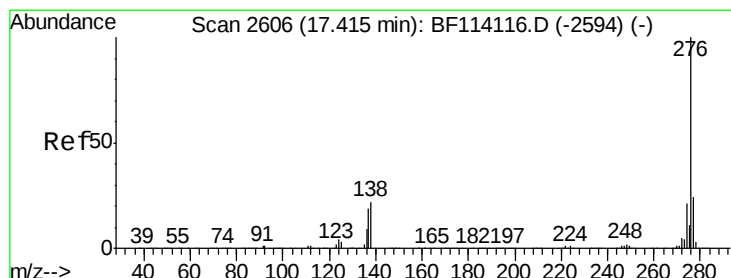
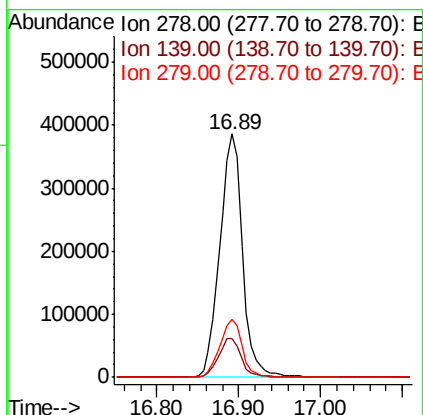
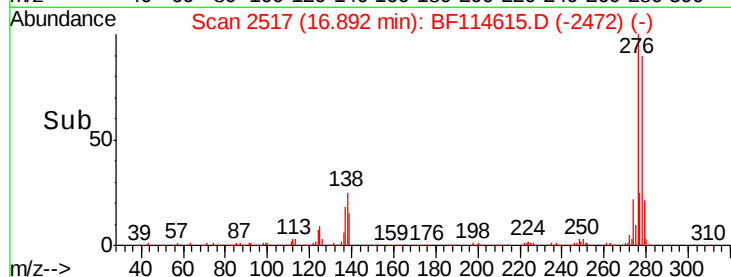
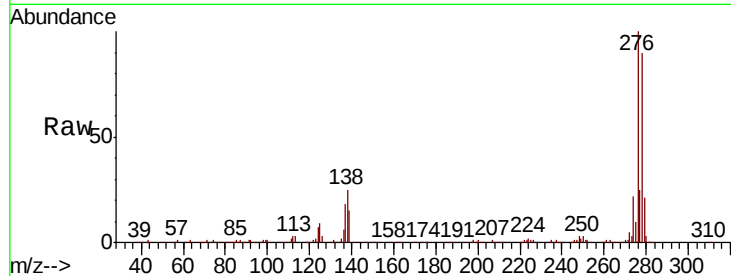
Tot Ion:278 Resp: 744882

Ion Ratio Lower Upper

278 100

139 16.1 13.5 20.3

279 23.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 50.045 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.04 min

Lab File: BF114615.D

Acq: 25 May 2019 20:16

Tgt Ion:276 Resp: 770533

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 21.7 17.8 26.6

