

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114617.D
 Acq On : 25 May 2019 21:08
 Operator : JU/SJ
 Sample : PB119929BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Quant Time: May 26 23:47:25 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	141046	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	530843	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	248578	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	478330	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	350782	20.00	ng	-0.02
87) Perylene-d12	15.43	264	335688	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1136883	129.71	ng	0.00
7) Phenol-d6	6.45	99	1426959	137.65	ng	-0.01
23) Nitrobenzene-d5	7.37	82	861498	91.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	330579	128.64	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1516782	92.30	ng	-0.02
79) Terphenyl-d14	12.90	244	1527996	89.80	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	212898	44.192	ng	99
3) Pyridine	3.36	79	403020	30.363	ng	99
4) n-Nitrosodimethylamine	3.31	42	222250	34.722	ng	100
6) Aniline	6.47	93	411655	27.491	ng	# 58
8) 2-Chlorophenol	6.59	128	414350	44.284	ng	95
9) Benzaldehyde	6.35	77	199925	27.549	ng	96
10) Phenol	6.46	94	503680	41.304	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	393873	42.544	ng	99
12) 1,3-Dichlorobenzene	6.74	146	428549	40.803	ng	98
13) 1,4-Dichlorobenzene	6.82	146	445077	42.053	ng	97
14) 1,2-Dichlorobenzene	6.97	146	403713	41.752	ng	99
15) Benzyl Alcohol	6.95	79	322105	39.840	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	691311	38.512	ng	57
17) 2-Methylphenol	7.07	107	321467	41.824	ng	# 90
18) Hexachloroethane	7.30	117	159771	40.217	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	276180	42.033	ng	97
20) 3+4-Methylphenols	7.22	107	425841	47.953	ng	# 67
22) Acetophenone	7.21	105	548822	46.669	ng	# 89
24) Nitrobenzene	7.39	77	426279	44.247	ng	98
25) Isophorone	7.62	82	760881	43.373	ng	99
26) 2-Nitrophenol	7.70	139	218600	46.768	ng	99
27) 2,4-Dimethylphenol	7.75	122	353258	48.121	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	483031	42.436	ng	98
29) 2,4-Dichlorophenol	7.95	162	333278	45.592	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	359171	43.209	ng	97
31) Naphthalene	8.10	128	1147555	46.279	ng	98
32) Benzoic acid	7.90	122	184634	37.134	ng	97
33) 4-Chloroaniline	8.16	127	299270	26.485	ng	98
34) Hexachlorobutadiene	8.22	225	197669	41.794	ng	98
35) Caprolactam	8.53	113	58264	24.444	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	348087	47.306	ng	100
37) 2-Methylnaphthalene	8.80	142	763696	47.735	ng	98
38) 1-Methylnaphthalene	8.90	142	727102	48.261	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	349049	46.355	ng	99

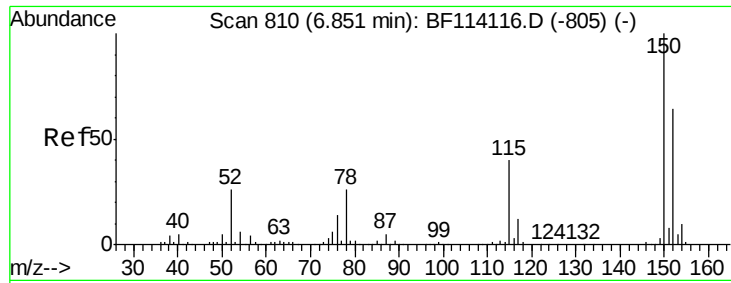
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	147375	44.064	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	212148	40.961	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	222293	41.850	nq	95
46) 1,1'-Biphenyl	9.26	154	929383	46.280	nq	99
47) 2-Chloronaphthalene	9.29	162	700666	43.354	nq	98
48) 2-Nitroaniline	9.39	65	234559	40.923	nq	91
49) Acenaphthylene	9.70	152	1114882	45.356	nq	97
50) Dimethylphthalate	9.56	163	772128	42.313	nq	99
51) 2,6-Dinitrotoluene	9.63	165	175870	43.453	nq	97
52) Acenaphthene	9.87	154	655500	43.457	nq	100
53) 3-Nitroaniline	9.80	138	134993	26.869	nq	98
54) 2,4-Dinitrophenol	9.93	184	136848	68.317	nq	91
55) Dibenzofuran	10.05	168	942744	42.623	nq	99
56) 4-Nitrophenol	9.99	139	170096	47.873	nq	97
57) 2,4-Dinitrotoluene	10.04	165	216521	39.414	nq	# 73
58) Fluorene	10.39	166	778961	45.595	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	189221	41.287	nq	98
60) Diethylphthalate	10.26	149	774597	41.777	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	364150	43.398	nq	97
62) 4-Nitroaniline	10.42	138	189649	35.922	nq	96
63) Azobenzene	10.54	77	747998	41.679	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	97874	42.583	nq	80
66) n-Nitrosodiphenylamine	10.50	169	679779	46.825	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	227653	43.226	nq	97
68) Hexachlorobenzene	10.95	284	243951	41.871	nq	93
69) Atrazine	11.02	200	195719	43.322	nq	97
70) Pentachlorophenol	11.15	266	146728	53.126	nq	98
71) Phenanthrene	11.35	178	1086225	46.676	nq	97
72) Anthracene	11.40	178	1116197	47.754	nq	98
73) Carbazole	11.56	167	1050281	47.120	nq	98
74) Di-n-butylphthalate	11.88	149	1173154	45.685	nq	99
75) Fluoranthene	12.54	202	1167111	46.572	nq	99
77) Benzidine	12.66	184	579847	36.825	nq	97
78) Pyrene	12.77	202	1182244	41.896	nq	99
80) Butylbenzylphthalate	13.37	149	511915	43.100	nq	100
81) Benzo(a)anthracene	13.96	228	985866	43.452	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	286378	32.538	nq	100
83) Chrysene	14.00	228	984835	44.280	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	689030	44.356	nq	99
85) Di-n-octyl phthalate	14.54	149	1151725	45.736	nq	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	910460	46.319	nq	100
88) Benzo(b)fluoranthene	15.00	252	915970	42.591	nq	99
89) Benzo(k)fluoranthene	15.03	252	964534	48.824	nq	97
90) Benzo(a)pyrene	15.37	252	895423	47.309	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	758489	48.227	nq	99
92) Benzo(g,h,i)perylene	17.33	276	787623	49.972	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.02 min

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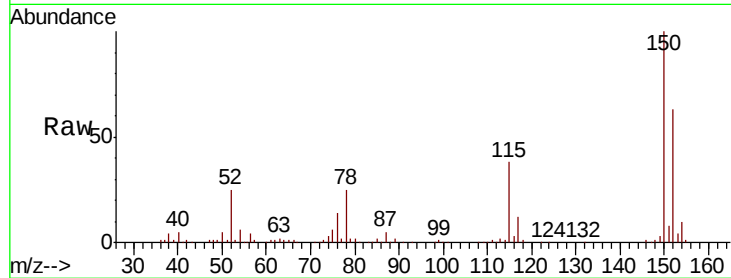
Tot Ion:152 Resp: 141046

Ion Ratio Lower Upper

152 100

150 158.8 124.3 186.5

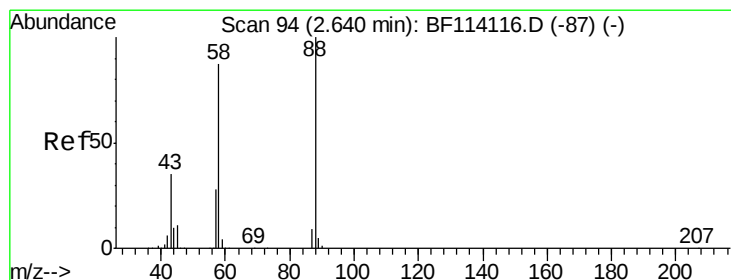
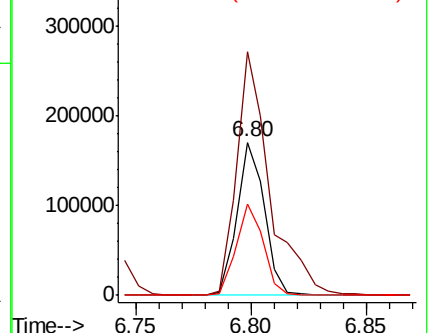
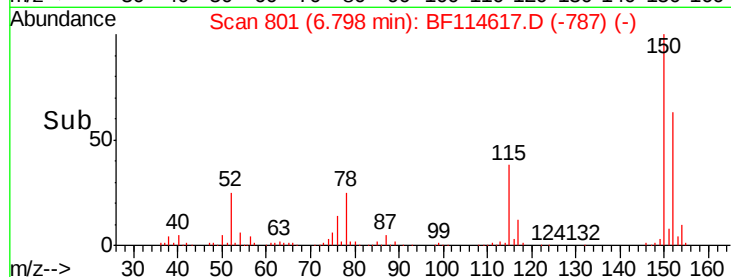
115 59.9 49.1 73.7



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



#2

1,4-Dioxane

Concen: 44.192 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.06 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

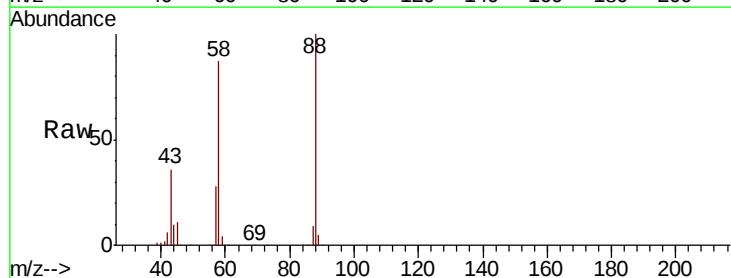
Tgt Ion: 88 Resp: 212898

Ion Ratio Lower Upper

88 100

58 85.2 68.7 103.1

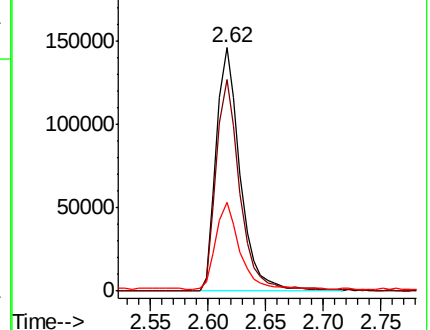
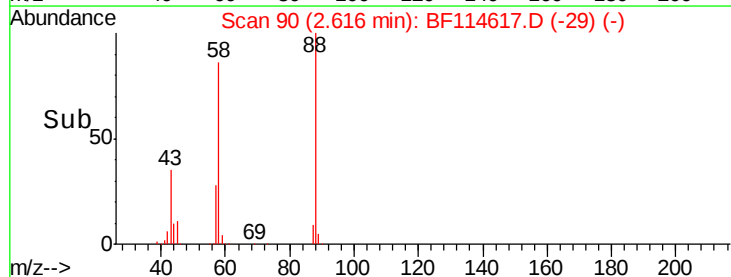
43 35.1 28.2 42.2

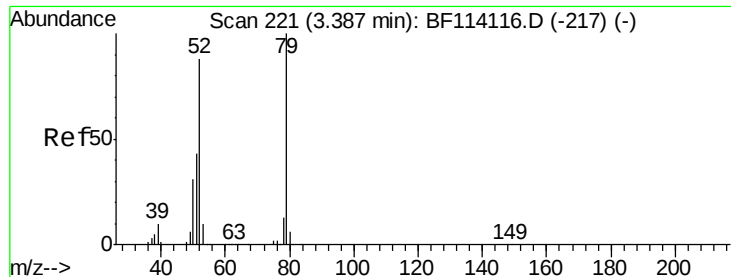


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.363 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF114617.D

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Instrument :

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PB119929BS

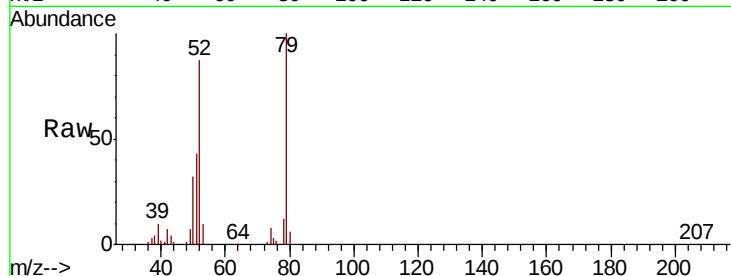
Tot Ion: 79 Resp: 403020

Ion Ratio Lower Upper

79 100

52 86.9 70.6 105.8

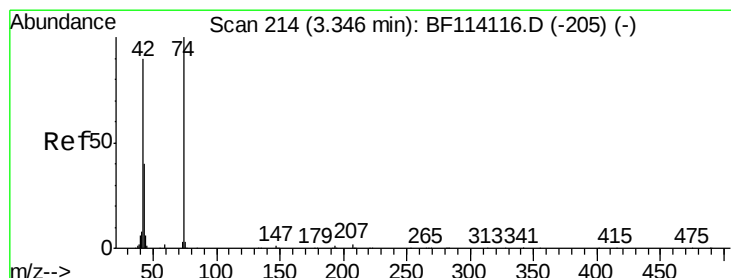
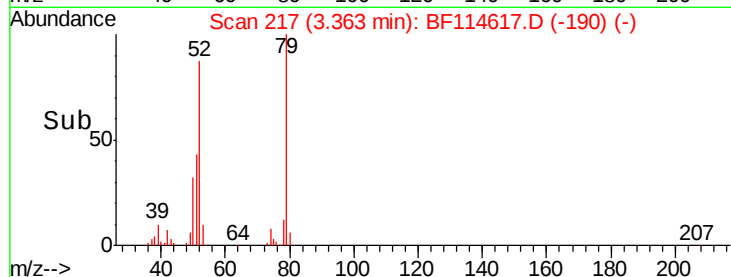
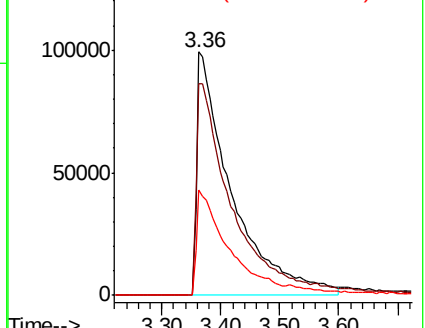
51 43.2 34.2 51.2



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: 34.722 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.05 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

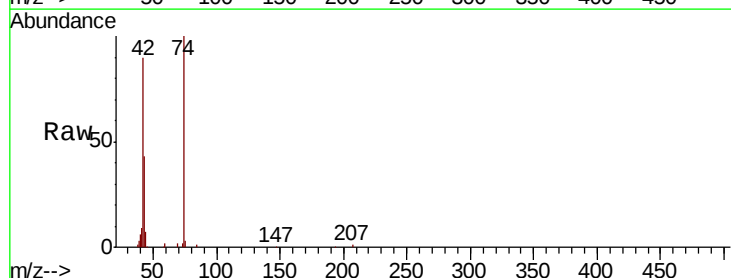
Tgt Ion: 42 Resp: 222250

Ion Ratio Lower Upper

42 100

74 110.5 88.6 132.8

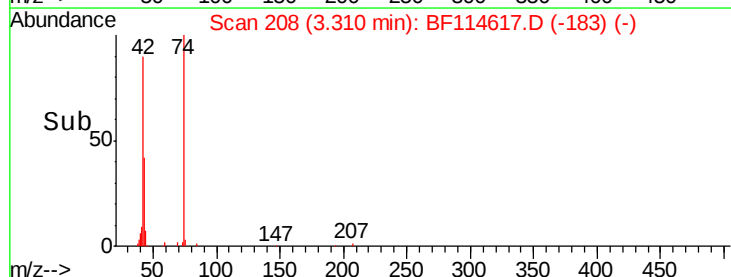
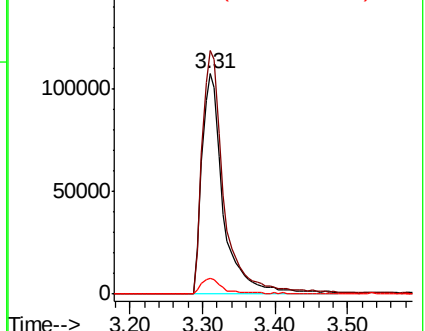
44 7.3 5.5 8.3



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: 129.712 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

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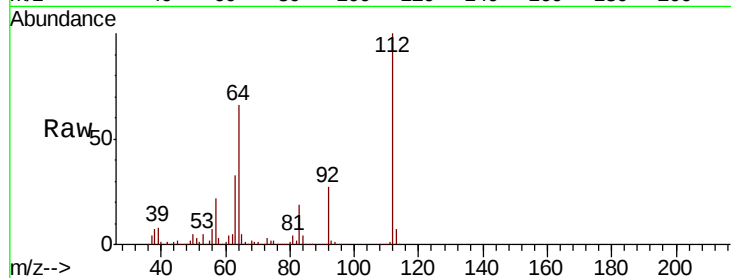
Tot Ion:112 Resp: 1136883

Ion Ratio Lower Upper

112 100

64 66.2 49.0 73.6

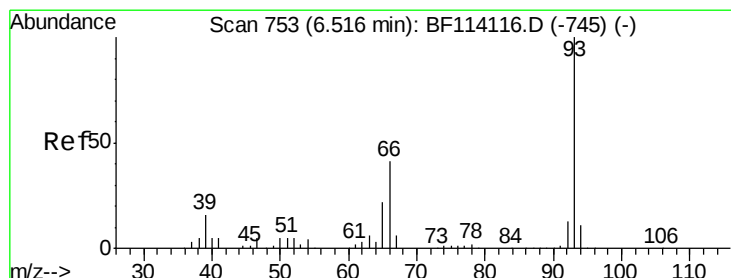
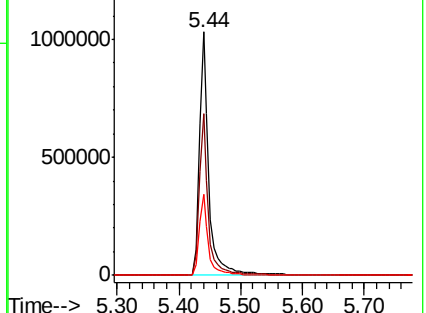
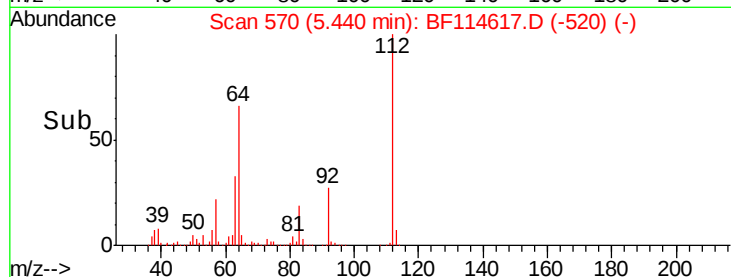
63 33.3 24.6 37.0



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: 27.491 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

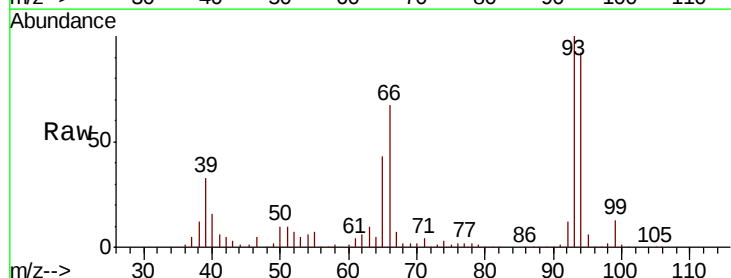
Tgt Ion: 93 Resp: 411655

Ion Ratio Lower Upper

93 100

66 67.0 33.2 49.8#

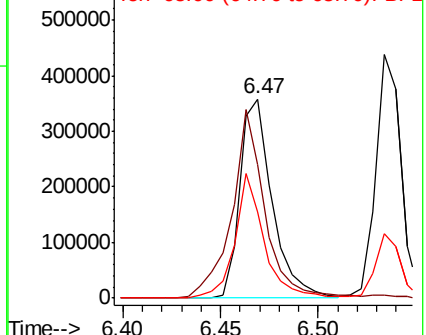
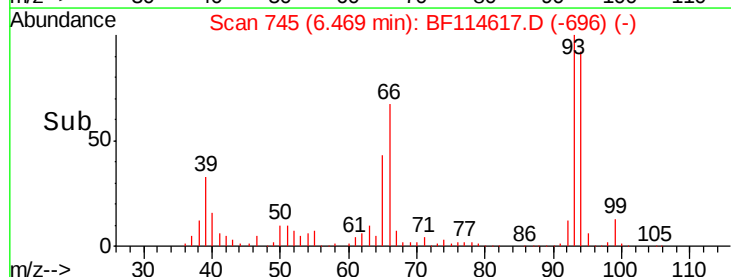
65 43.3 17.6 26.4#



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: 137.655 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

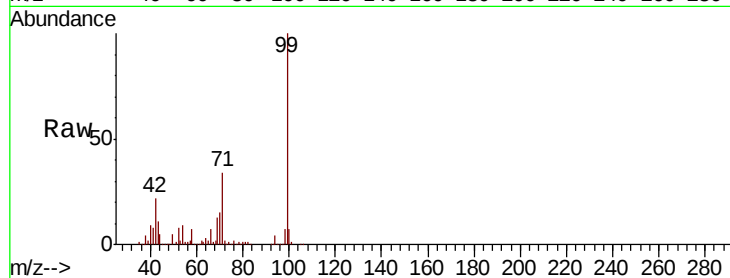
BNA_F

ClientSampleId :

PB119929BS

Tot Ion: 99 Resp: 1426959

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.9	26.9
71	34.0	26.2	39.2

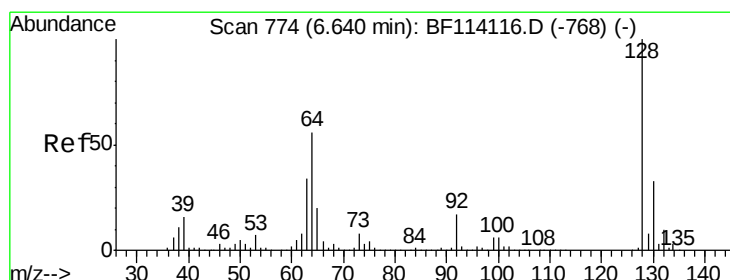
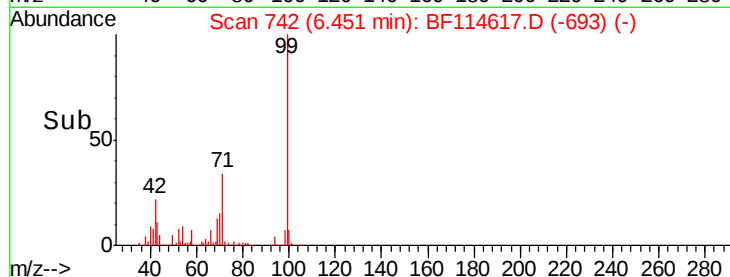
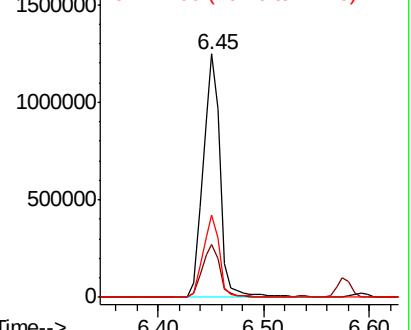


Abundance

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: 44.284 ng

RT: 6.59 min Scan# 766

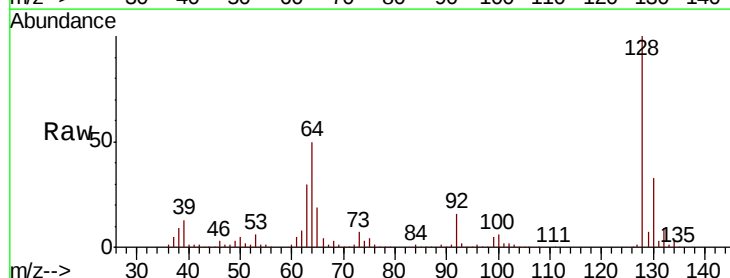
Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Tgt Ion: 128 Resp: 414350

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	49.7	35.9	75.9

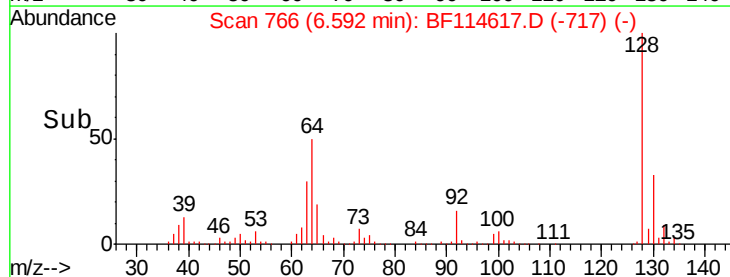
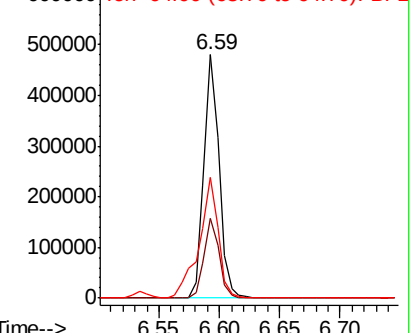


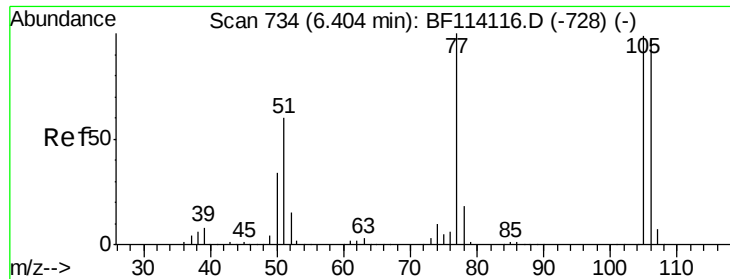
Abundance

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

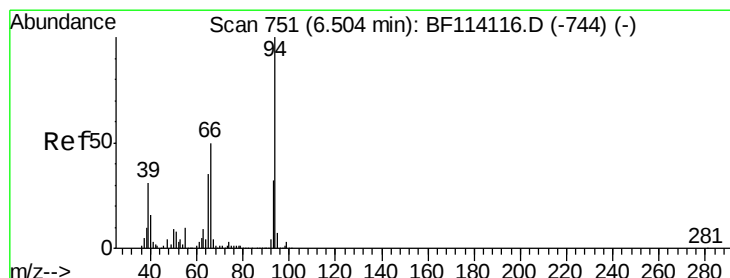
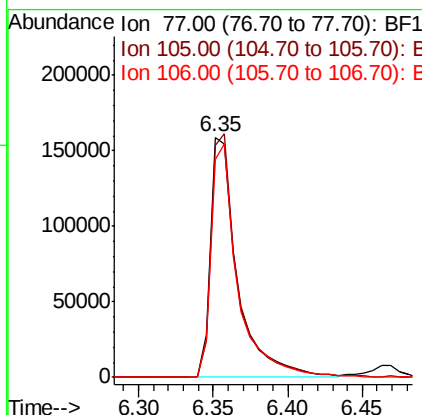
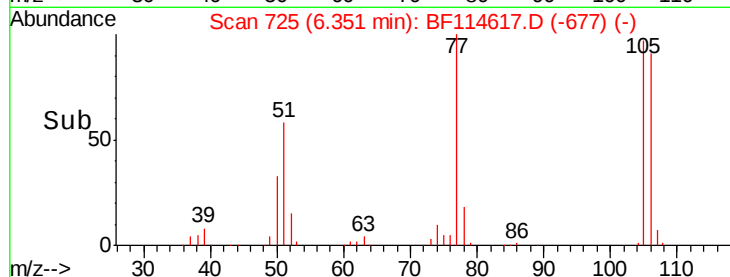
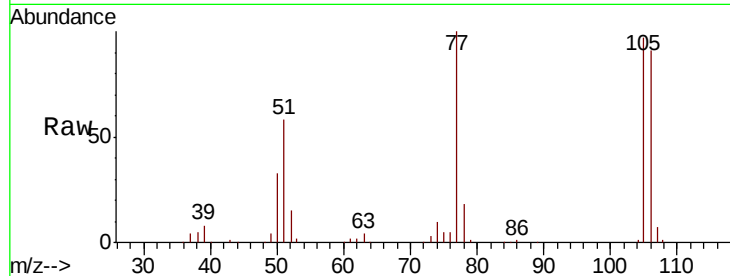




#9
Benzaldehyde
Concen: 27.549 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

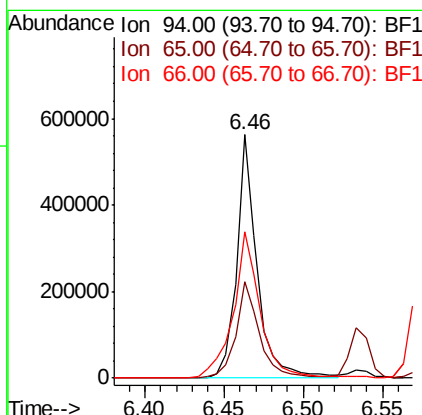
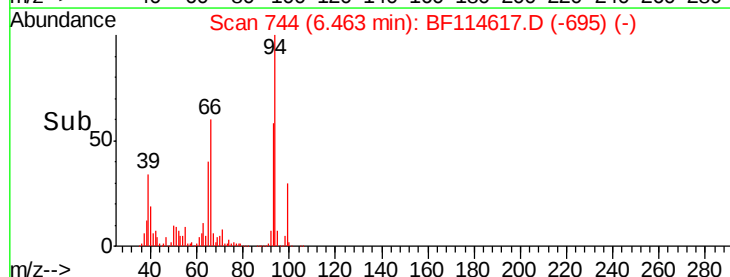
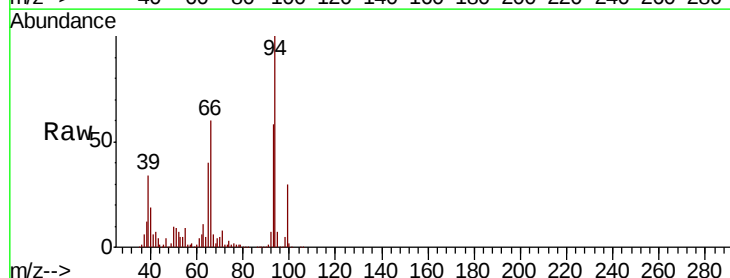
Instrument :
BNA_F
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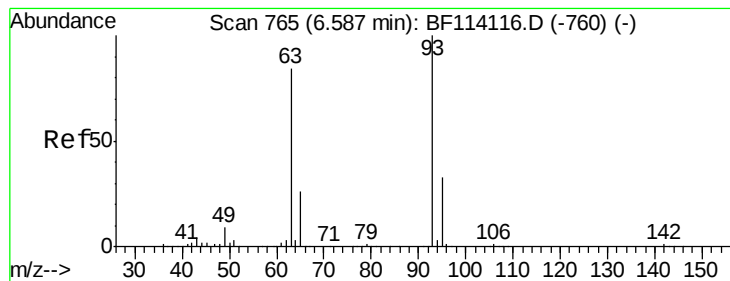
Tot Ion: 77 Resp: 199925
Ion Ratio Lower Upper
77 100
105 96.6 79.3 119.3
106 91.1 77.0 117.0



#10
Phenol
Concen: 41.304 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion: 94 Resp: 503680
Ion Ratio Lower Upper
94 100
65 39.8 14.7 54.7
66 60.3 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 42.544 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

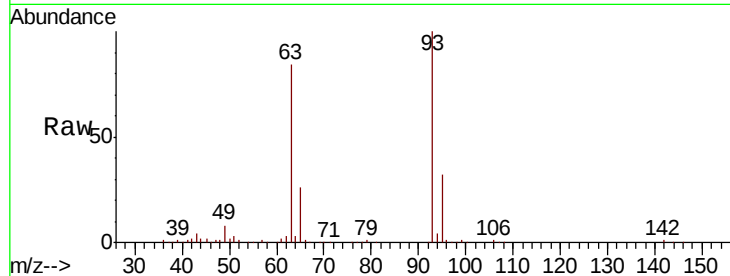
Tot Ion: 93 Resp: 393873

Ion Ratio Lower Upper

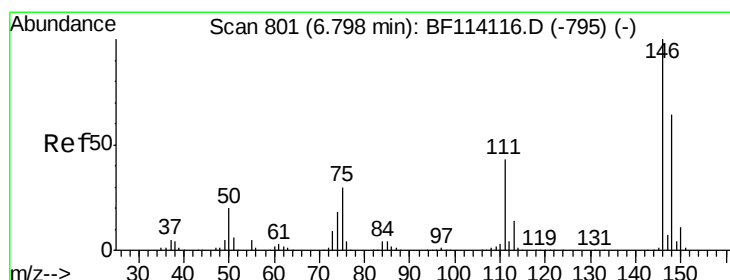
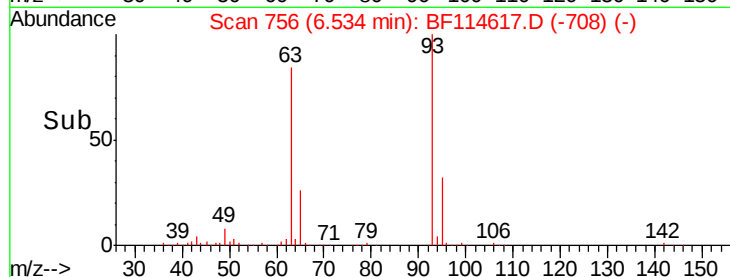
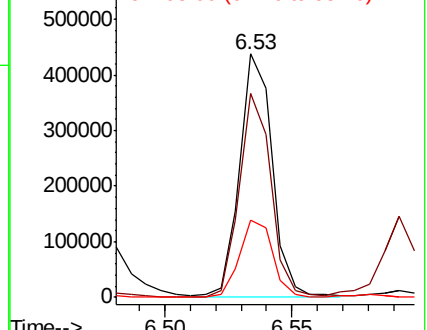
93 100

63 83.5 63.6 103.6

95 31.9 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.803 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

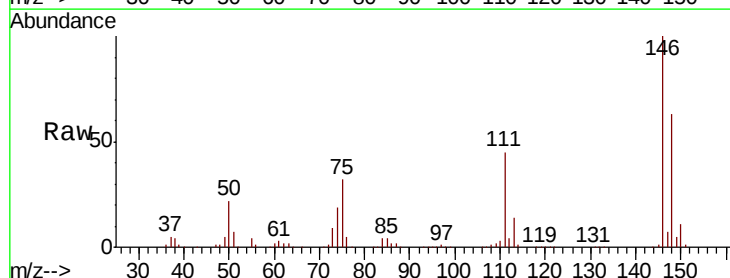
Tgt Ion: 146 Resp: 428549

Ion Ratio Lower Upper

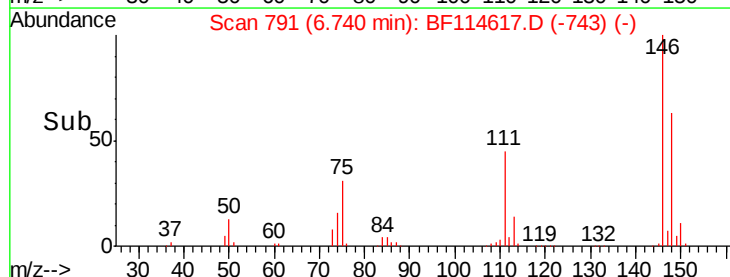
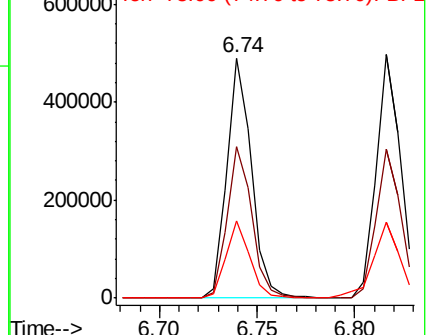
146 100

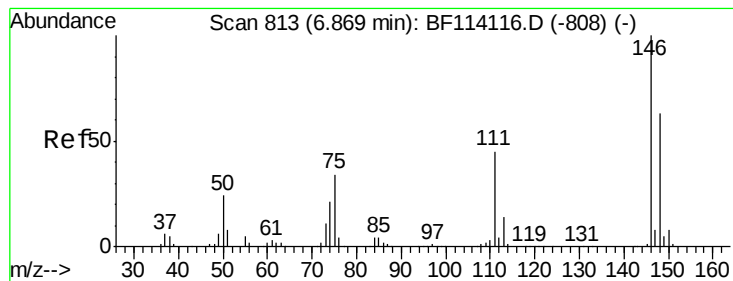
148 63.3 51.6 77.4

75 32.1 24.2 36.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.053 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

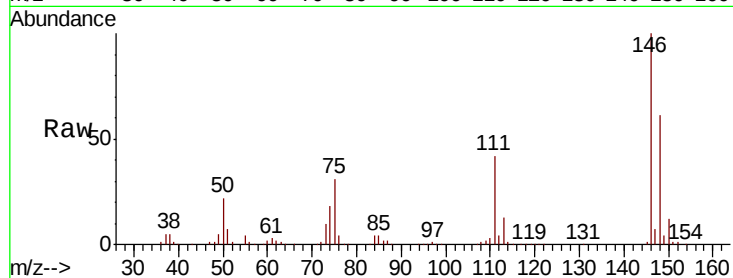
Tot Ion:146 Resp: 445077

Ion Ratio Lower Upper

146 100

148 61.4 50.2 75.2

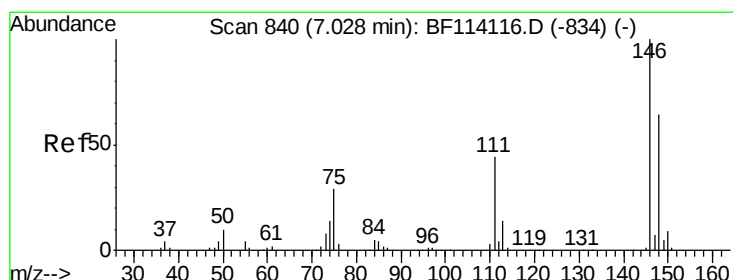
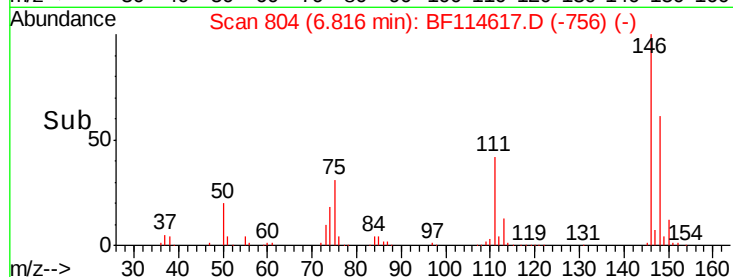
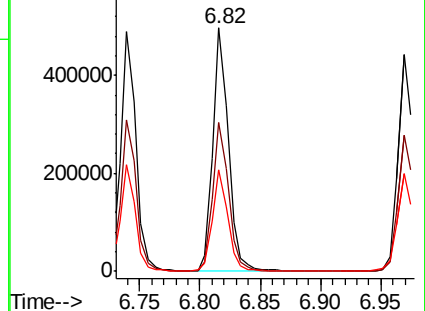
111 41.9 35.8 53.6



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: 41.752 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

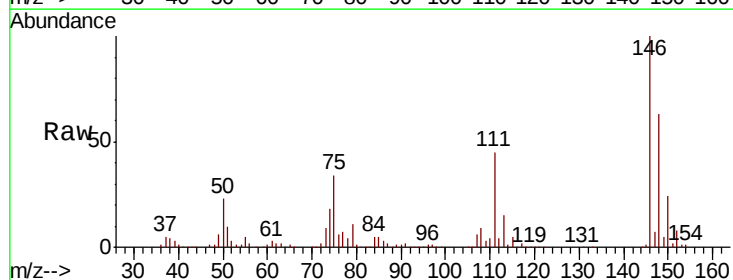
Tgt Ion:146 Resp: 403713

Ion Ratio Lower Upper

146 100

148 62.8 51.1 76.7

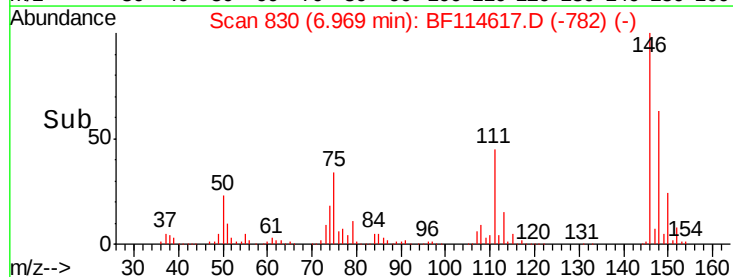
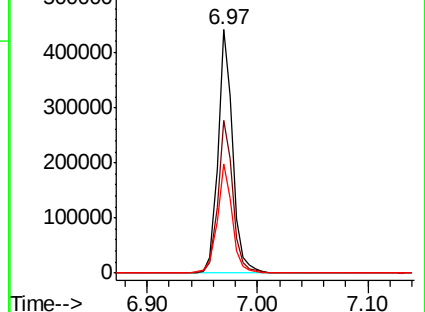
111 45.0 35.3 52.9



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: 39.840 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

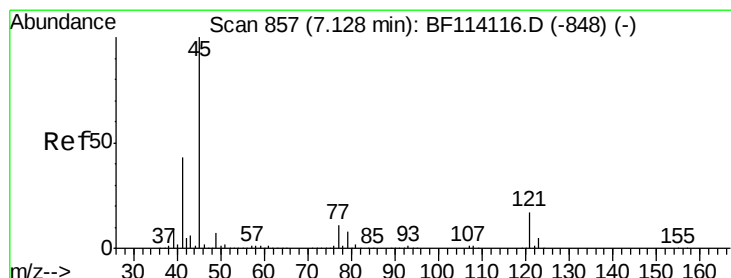
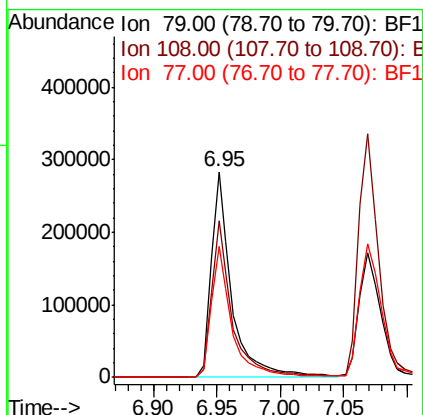
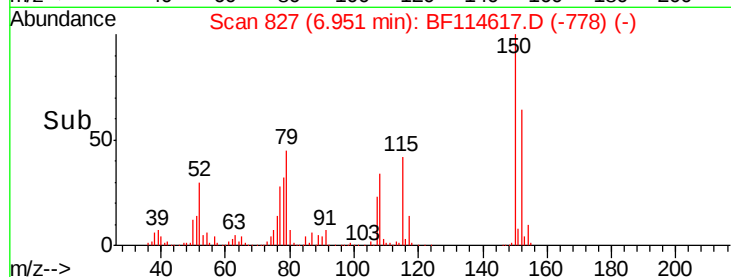
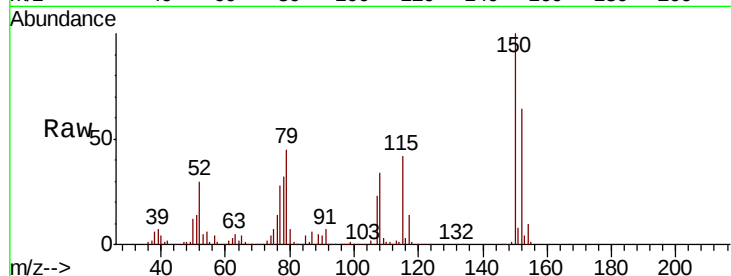
Tot Ion: 79 Resp: 322105

Ion Ratio Lower Upper

79 100

108 76.0 62.1 93.1

77 63.5 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.512 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

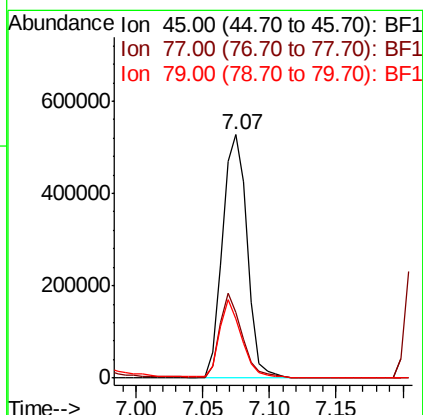
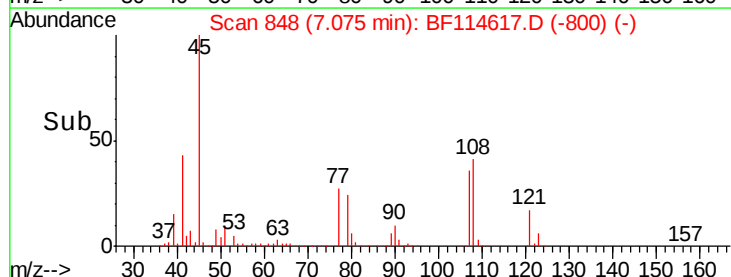
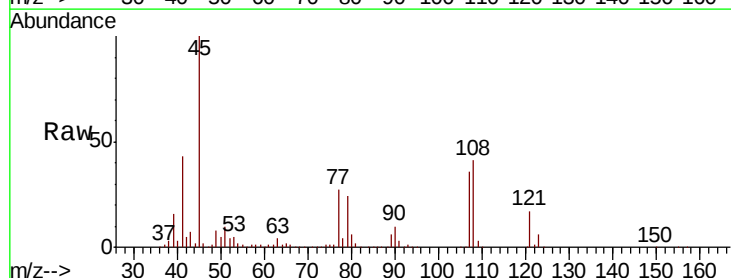
Tgt Ion: 45 Resp: 691311

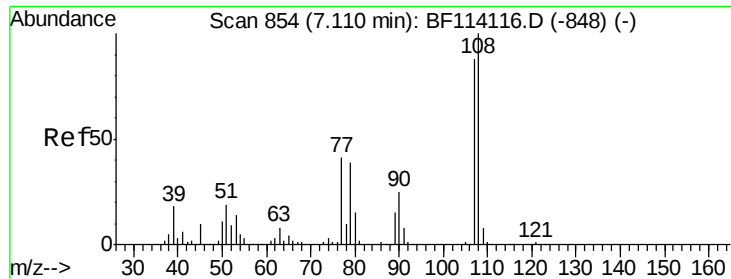
Ion Ratio Lower Upper

45 100

77 27.1 0.0 31.1

79 24.3 0.0 28.4

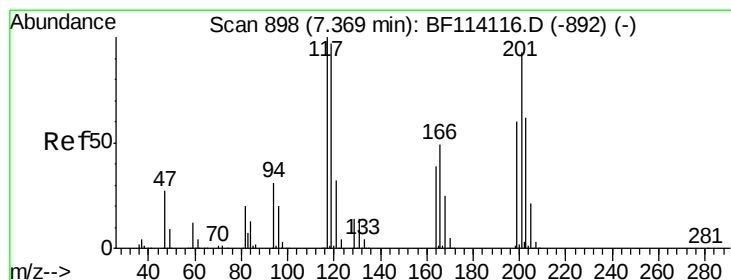
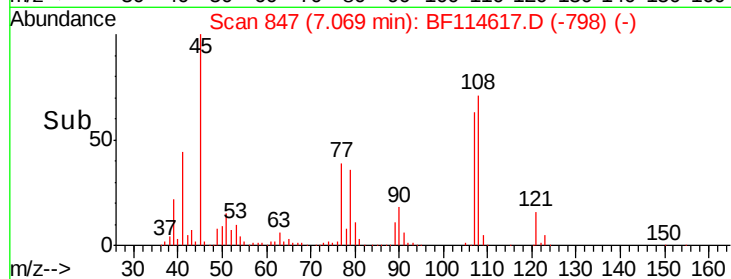
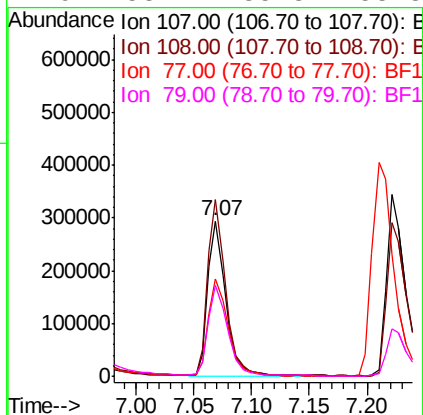
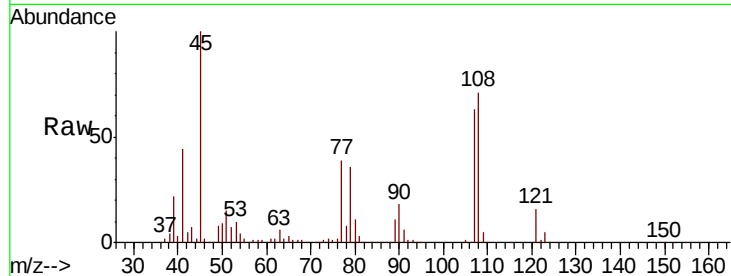




#17
2-Methylphenol
Concen: 41.824 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

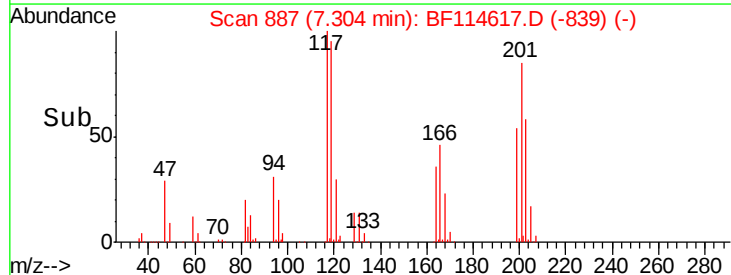
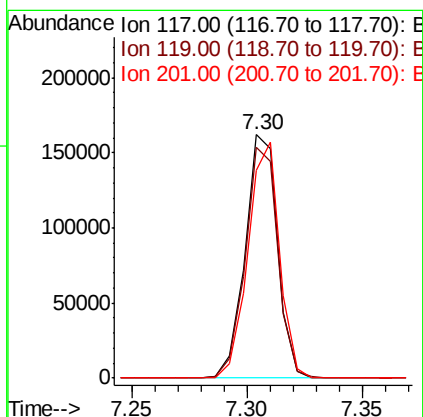
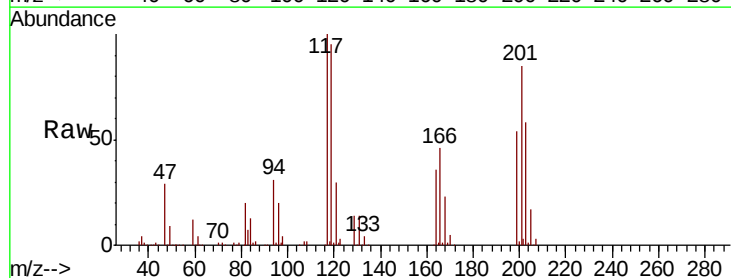
Instrument :
BNA_F
ClientSampleId :
PB119929BS

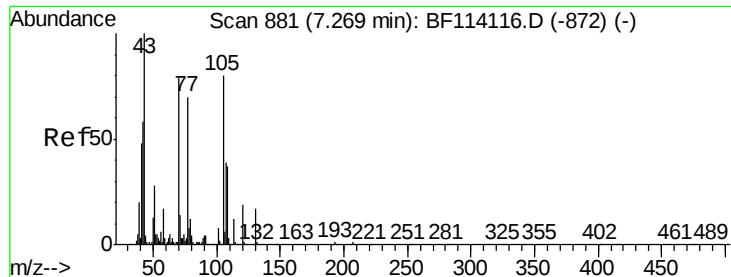
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.5	135.7
77	62.5	37.0	55.4
79	58.1	35.8	53.8



#18
Hexachloroethane
Concen: 40.217 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.2
201	85.2	74.5	111.7

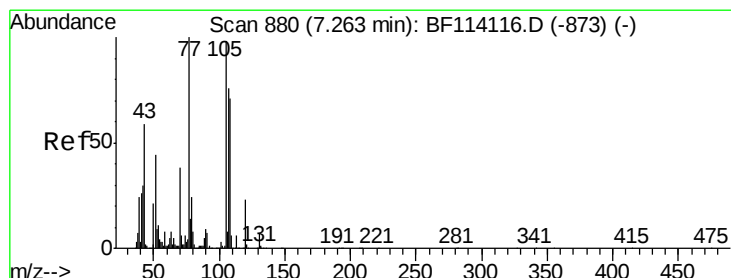
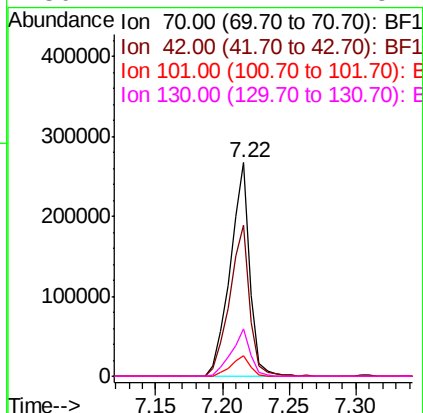
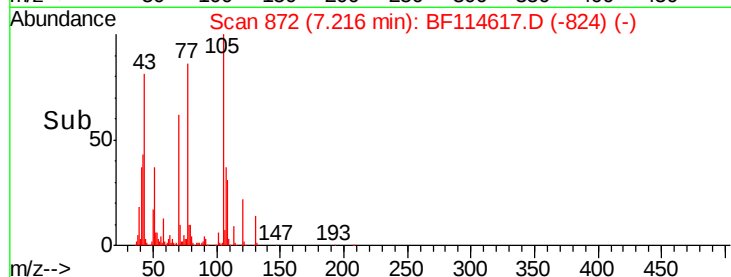
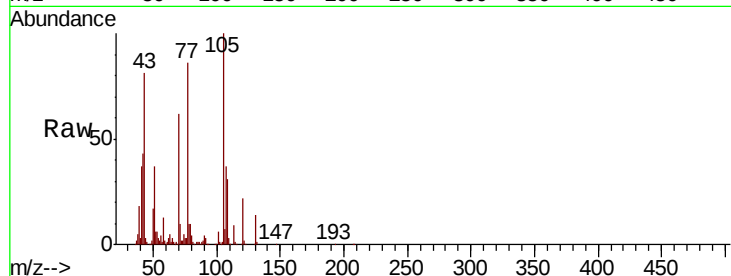




#19
n-Nitroso-di-n-propylamine
Concen: 42.033 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

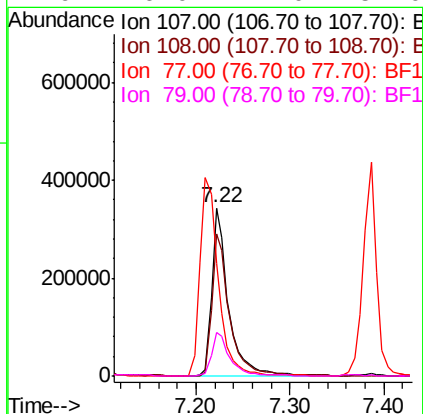
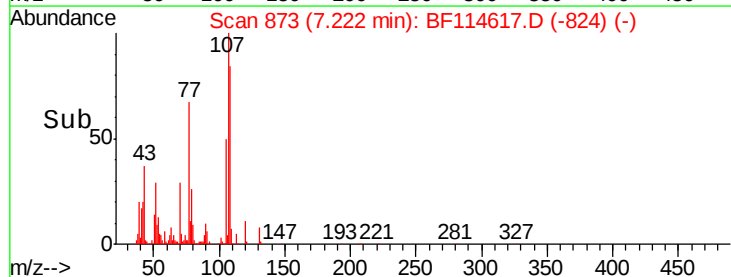
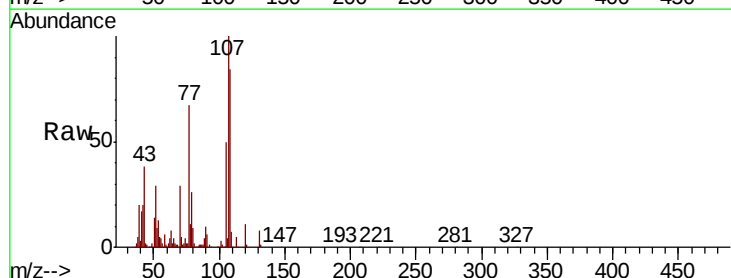
Instrument :
BNA_F
ClientSampleId :
PB119929BS

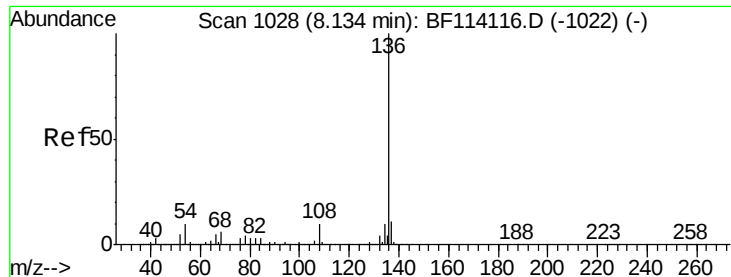
Tot Ion:	70	Resp:	276180
Ion	Ratio	Lower	Upper
70	100		
42	70.5	58.6	87.8
101	9.3	7.8	11.8
130	22.4	17.1	25.7



#20
3+4-Methylphenols
Concen: 47.953 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:	107	Resp:	425841
Ion	Ratio	Lower	Upper
107	100		
108	84.4	73.8	113.8
77	67.1	111.5	151.5#
79	26.0	12.0	52.0

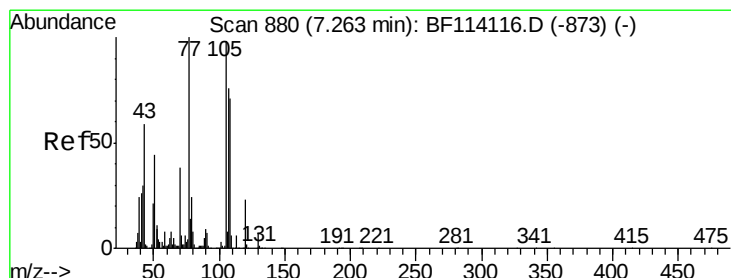
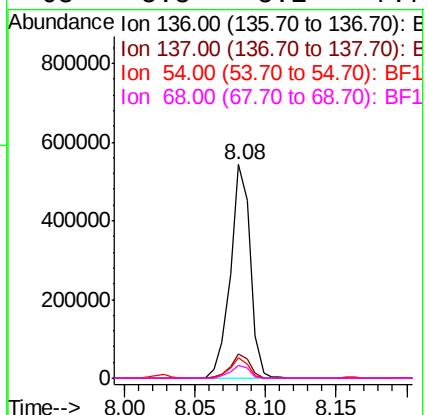
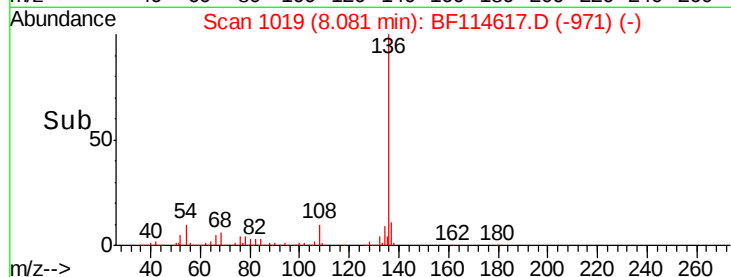
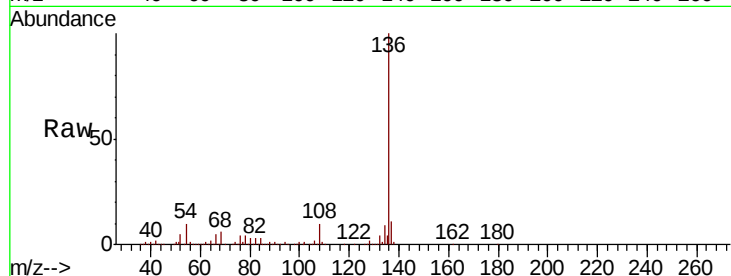




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

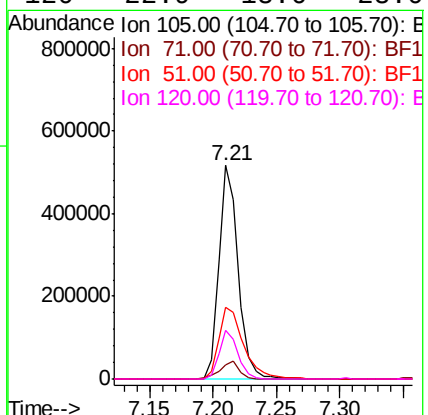
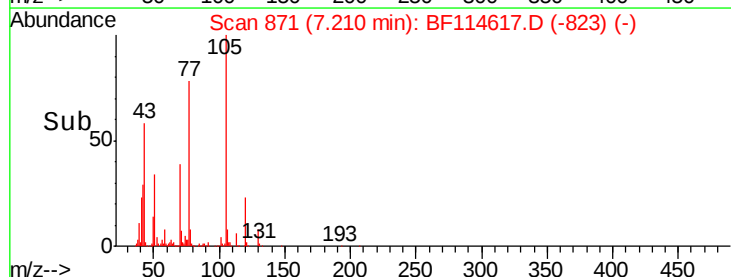
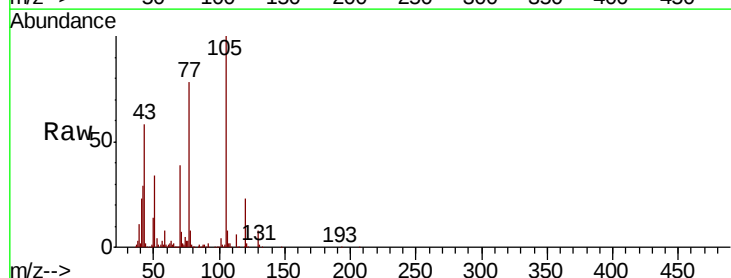
Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion:136	Resp:	530843
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	9.9	7.8 11.8
68	5.8	5.1 7.7



#22
Acetophenone
Concen: 46.669 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:105	Resp:	548822
Ion Ratio	Lower	Upper
105	100	
71	6.6	5.3 7.9
51	33.7	36.2 54.4
120	22.9	18.6 28.0

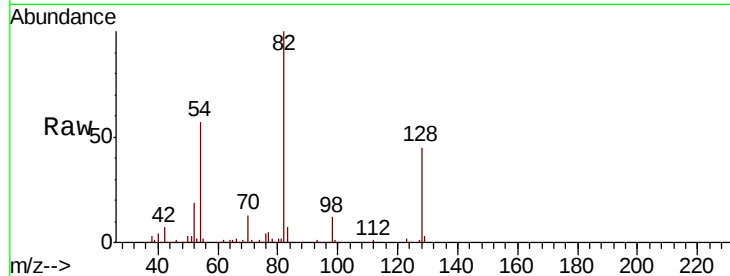




#23
 Nitrobenzene-d5
 Concen: 91.077 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion	82	Resp	861498
Ion Ratio	100		
Lower			
Upper			
128	45.4	35.5	53.3
54	57.4	48.5	72.7

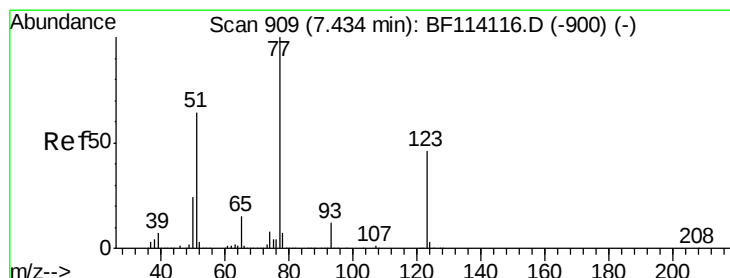
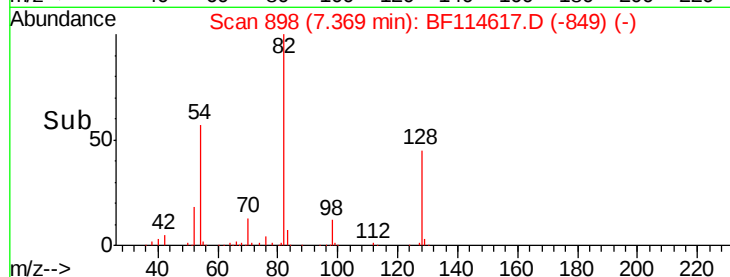
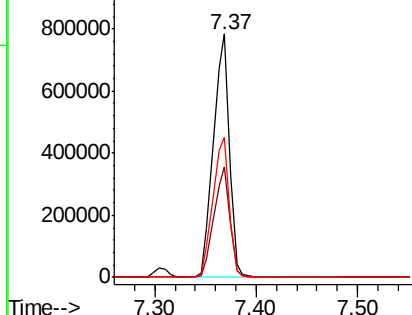


Abundance

Ion 82.00 (81.70 to 82.70): BF1

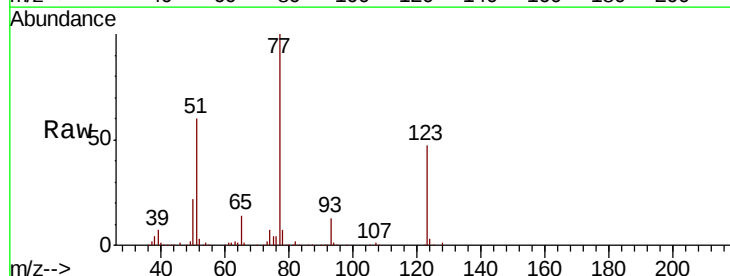
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 44.247 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	77	Resp	426279
Ion Ratio	100		
Lower			
Upper			
123	47.4	36.9	55.3
65	14.1	11.8	17.6

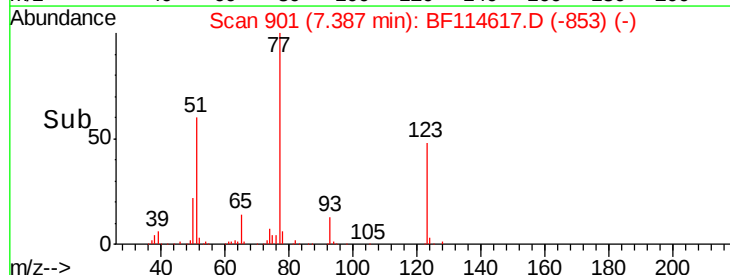
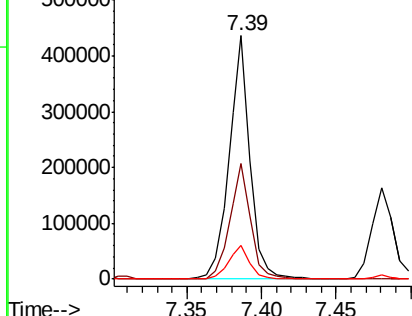


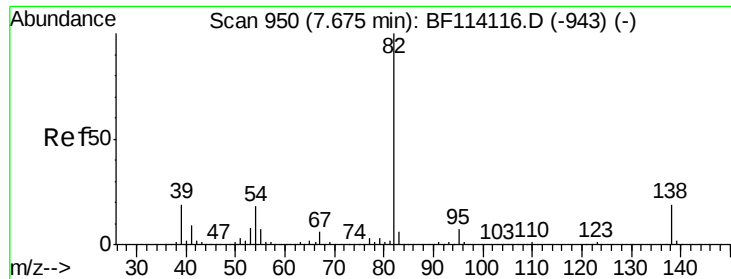
Abundance

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

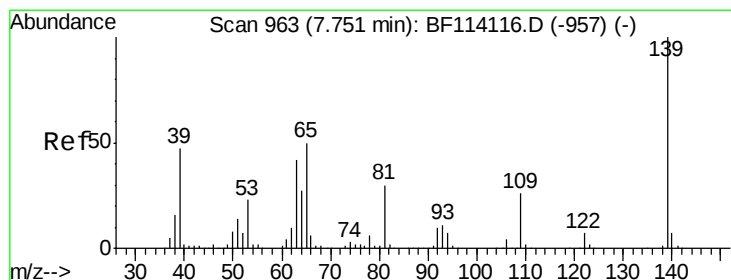
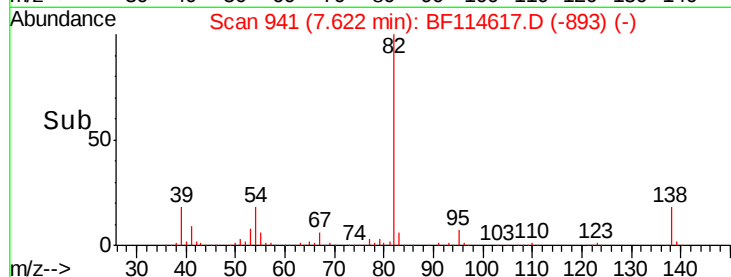
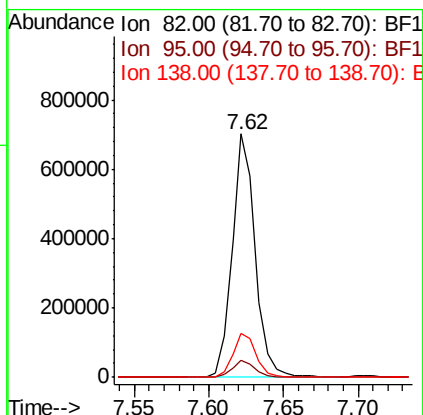
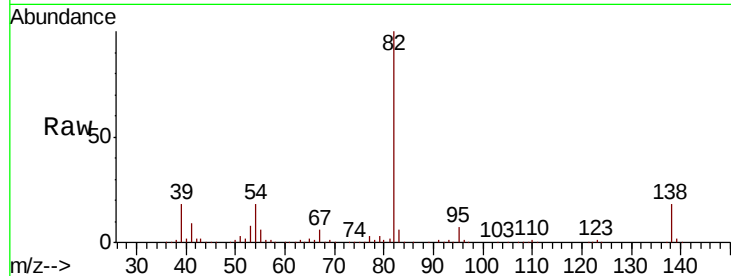




#25
Isophorone
Concen: 43.373 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

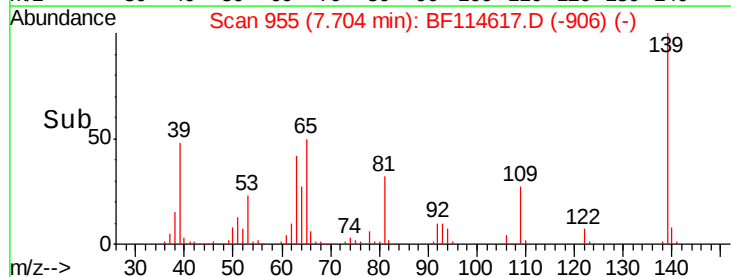
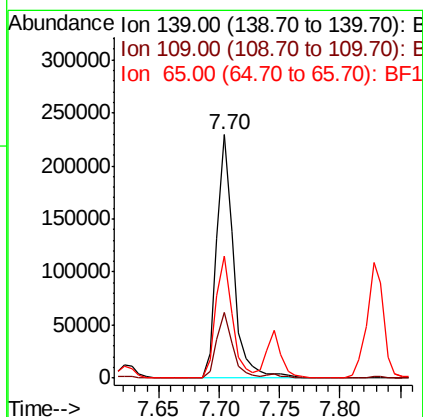
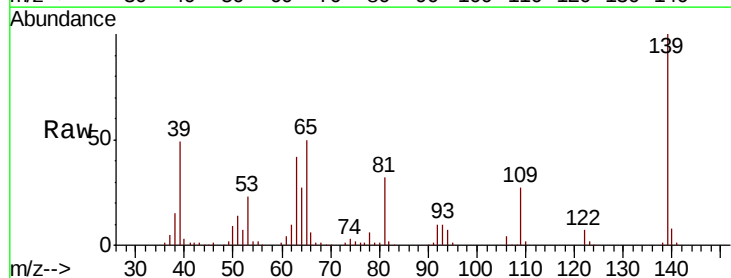
Instrument :
BNA_F
ClientSampleId :
PB119929BS

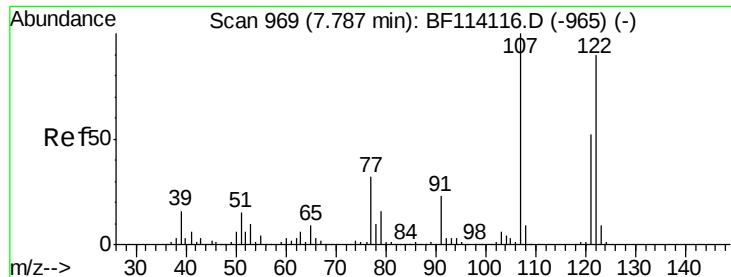
Tot Ion: 82 Resp: 760881
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.9 14.8 22.2



#26
2-Nitrophenol
Concen: 46.768 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion: 139 Resp: 218600
Ion Ratio Lower Upper
139 100
109 27.1 20.7 31.1
65 50.3 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 48.121 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

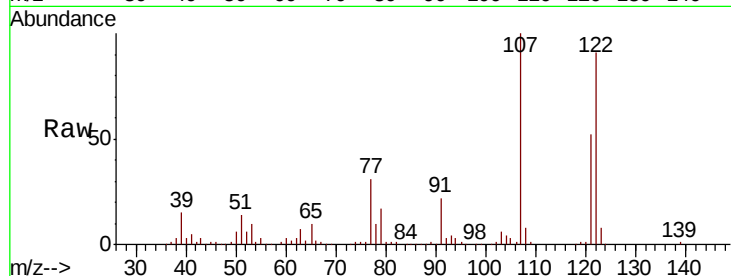
Tot Ion:122 Resp: 353258

Ion Ratio Lower Upper

122 100

107 110.2 88.4 132.6

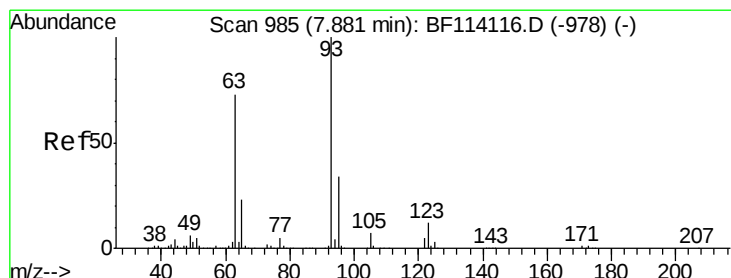
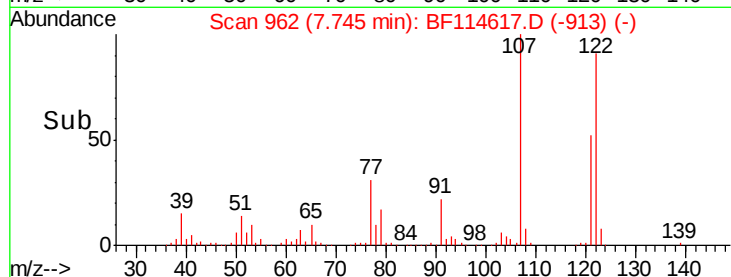
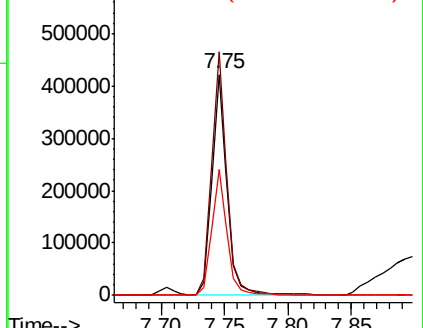
121 57.1 45.9 68.9



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: 42.436 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

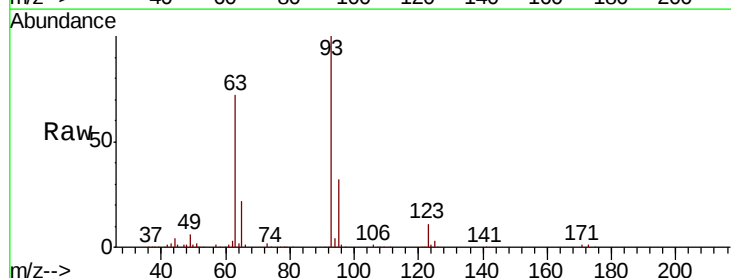
Tgt Ion: 93 Resp: 483031

Ion Ratio Lower Upper

93 100

95 32.1 26.8 40.2

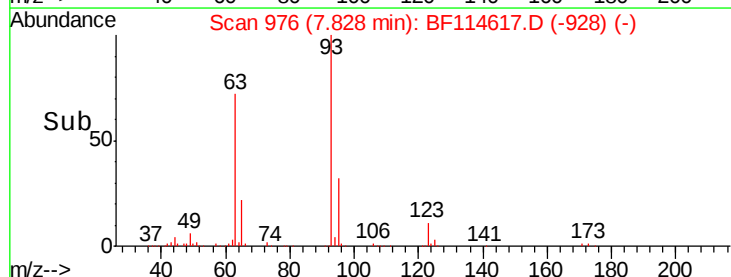
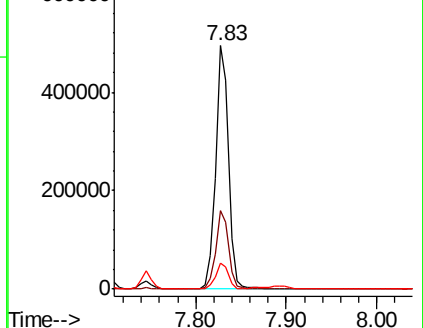
123 10.9 9.5 14.3



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

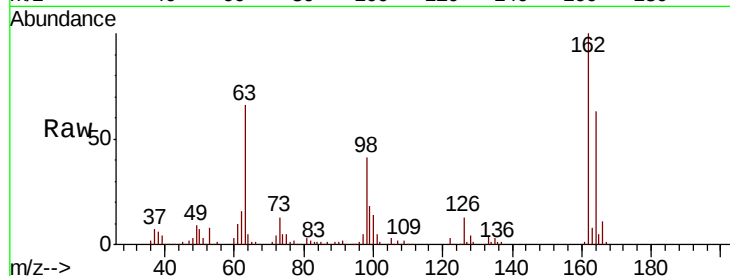




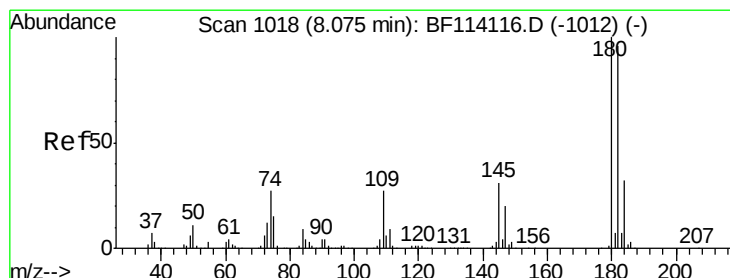
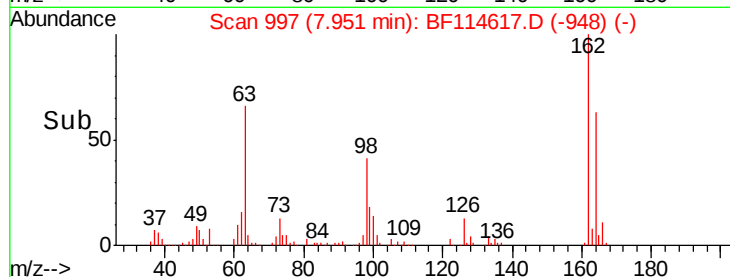
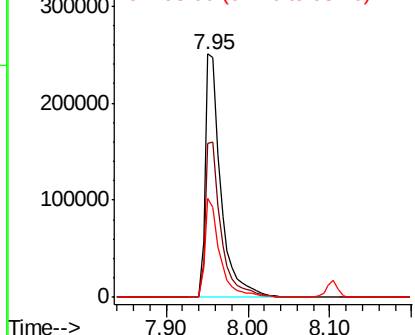
#29
 2,4-Dichlorophenol
 Concen: 45.592 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.6	83.6
98	40.7	20.6	60.6

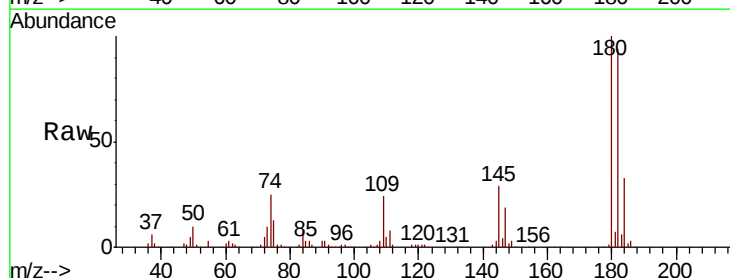


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

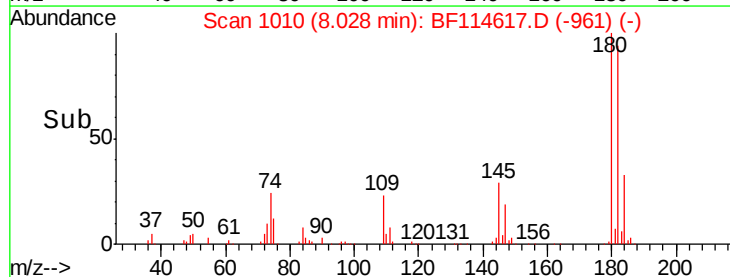
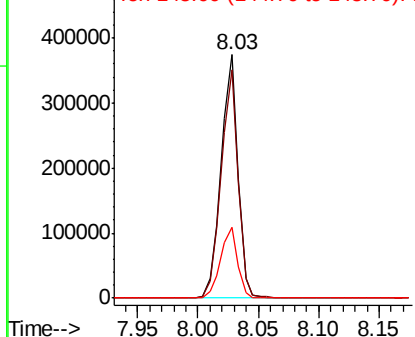


#30
 1,2,4-Trichlorobenzene
 Concen: 43.209 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.6	114.8
145	29.2	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

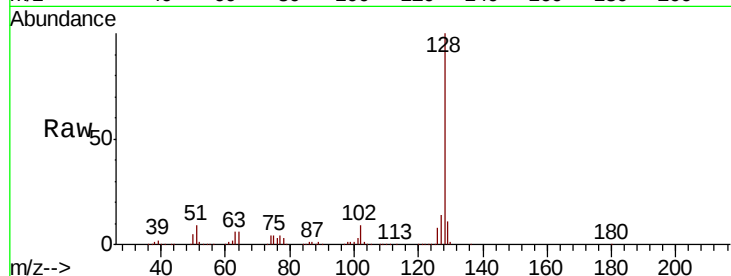




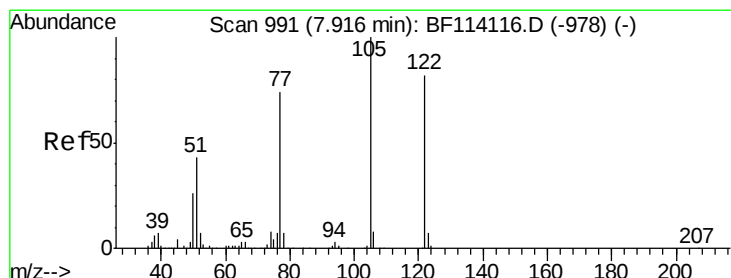
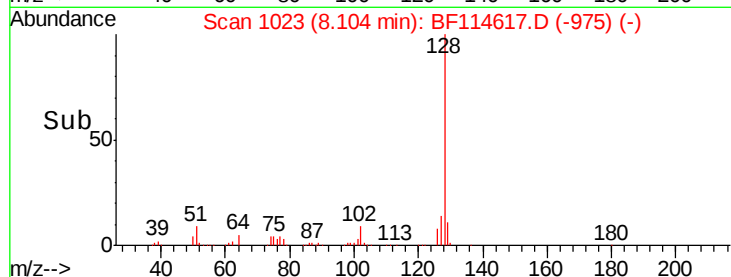
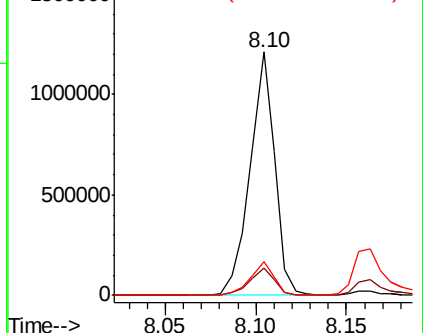
#31
Naphthalene
Concen: 46.279 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion:128 Resp: 1147555
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.6 11.3 16.9

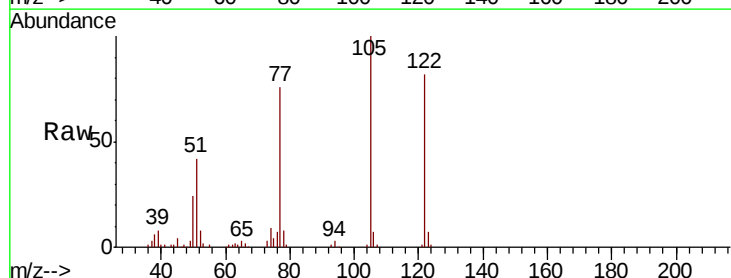


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

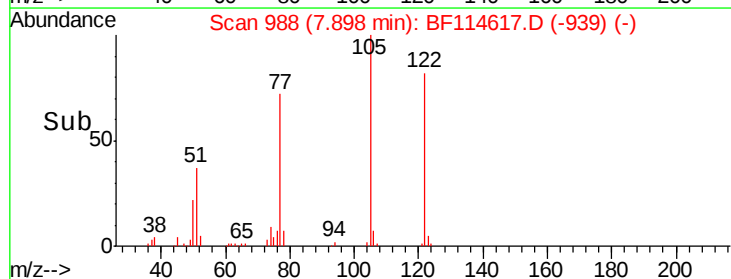
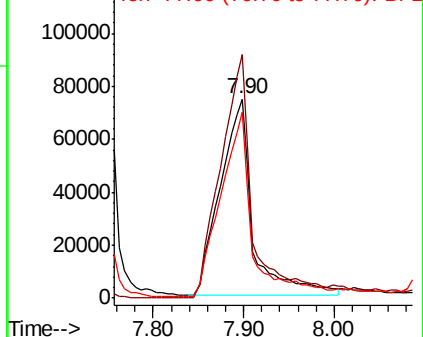


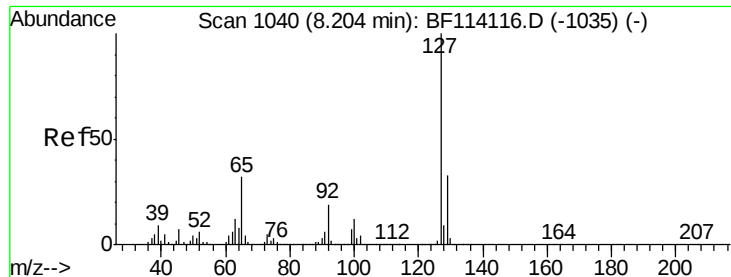
#32
Benzoic acid
Concen: 37.134 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:122 Resp: 184634
Ion Ratio Lower Upper
122 100
105 122.3 99.9 139.9
77 93.3 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

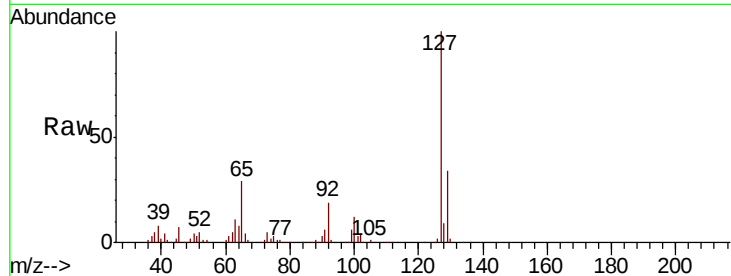




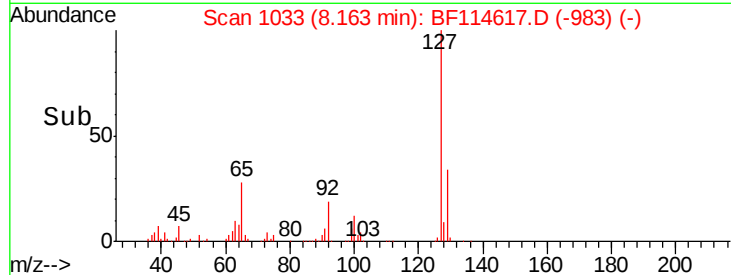
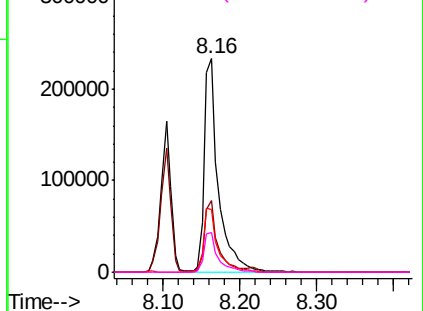
#33
4-Chloroaniline
Concen: 26.485 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion:	127	Resp:	299270
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.7	40.1
65	29.4	25.4	38.0
92	18.8	15.4	23.2

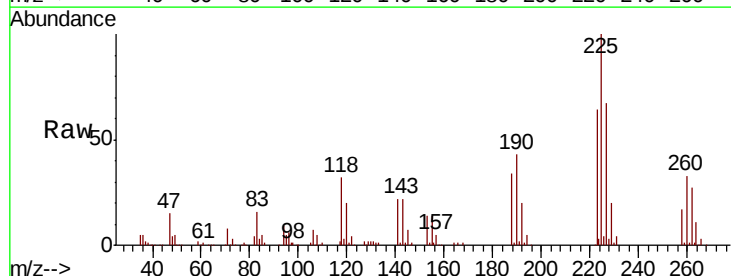


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

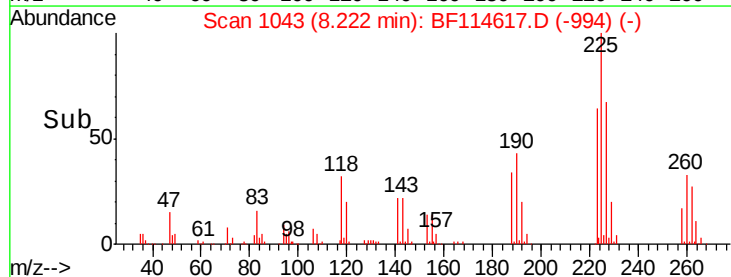
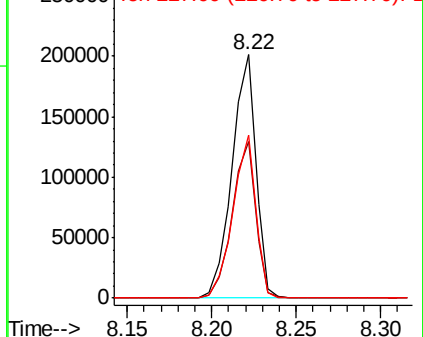


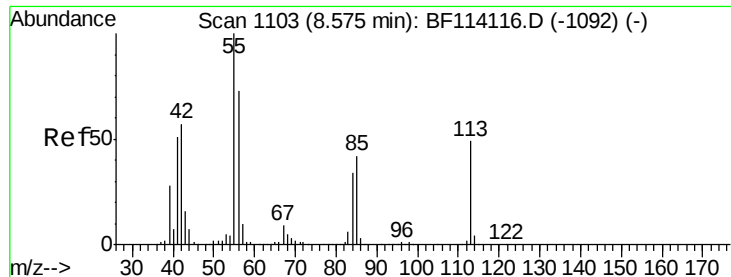
#34
Hexachlorobutadiene
Concen: 41.794 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:	225	Resp:	197669
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.2	75.2
227	66.9	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.444 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

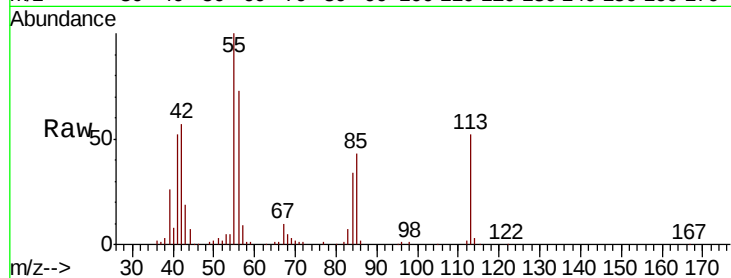
Tot Ion:113 Resp: 58264

Ion Ratio Lower Upper

113 100

55 190.6 183.5 223.5

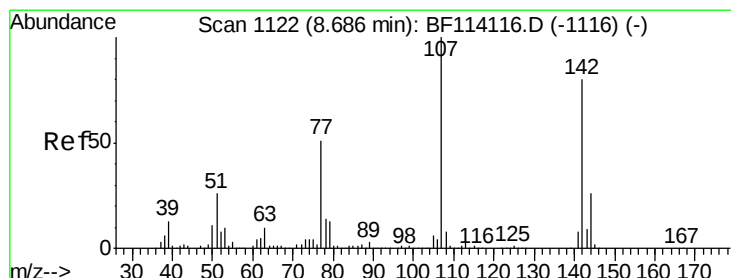
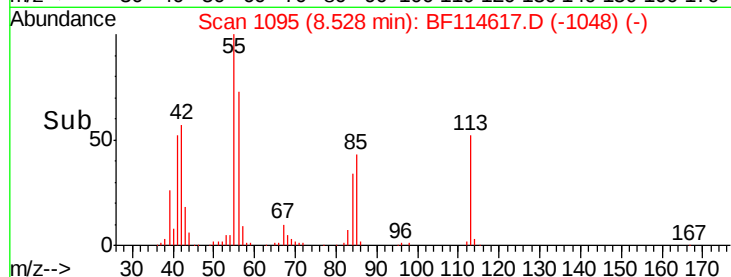
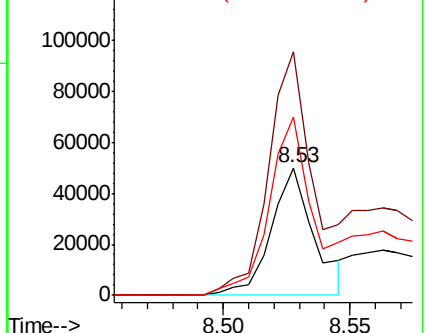
56 139.3 128.8 168.8



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: 47.306 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

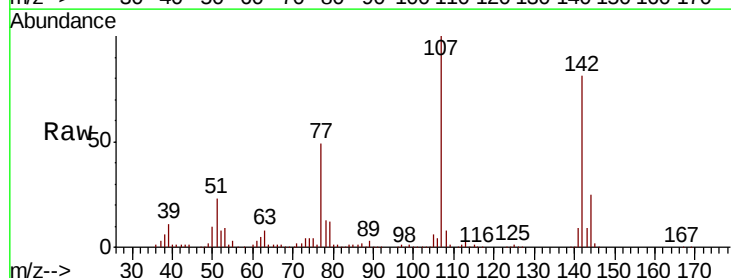
Tgt Ion:107 Resp: 348087

Ion Ratio Lower Upper

107 100

144 25.4 20.4 30.6

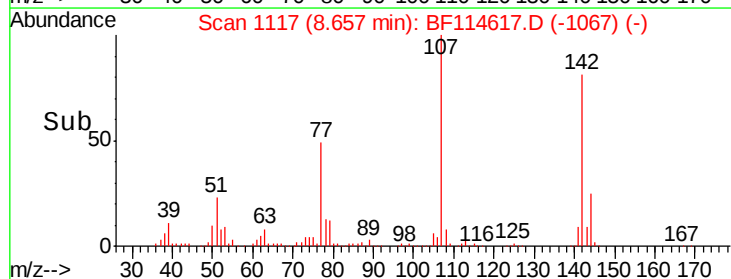
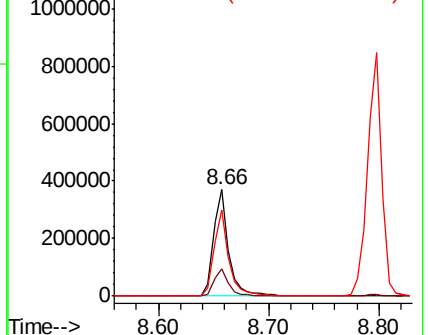
142 80.7 64.2 96.4

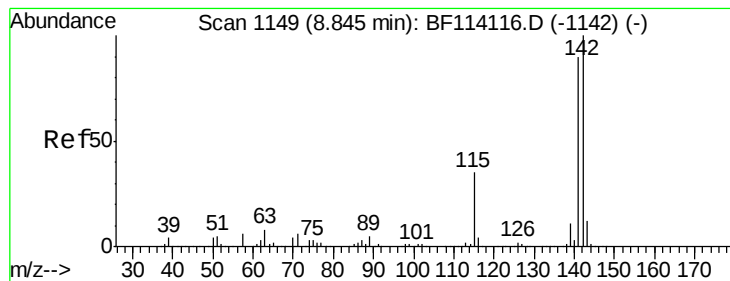


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

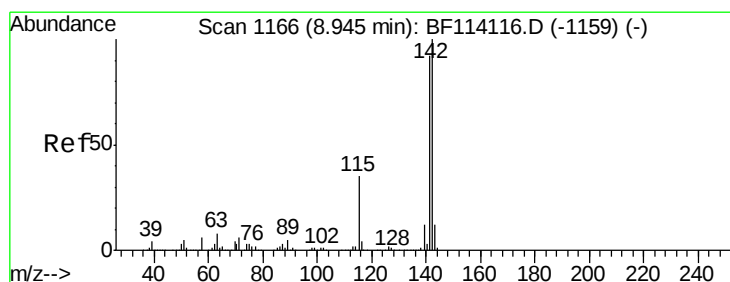
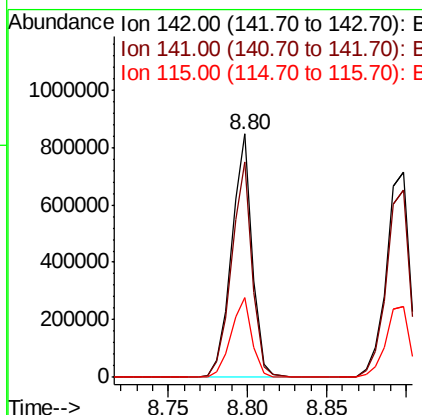
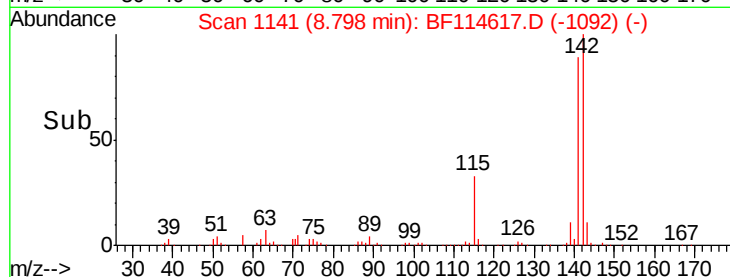
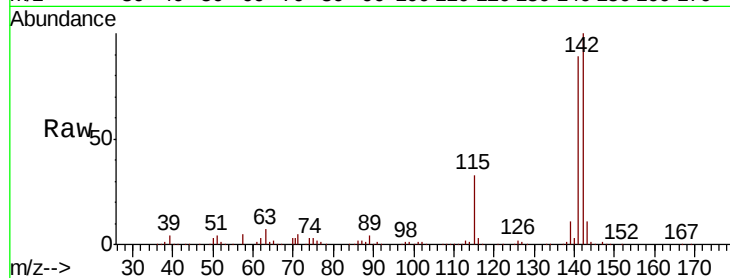




#37
2-Methylnaphthalene
Concen: 47.735 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

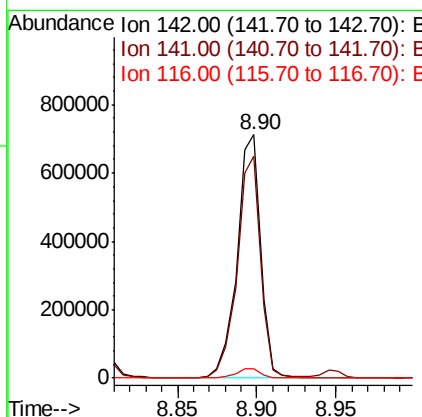
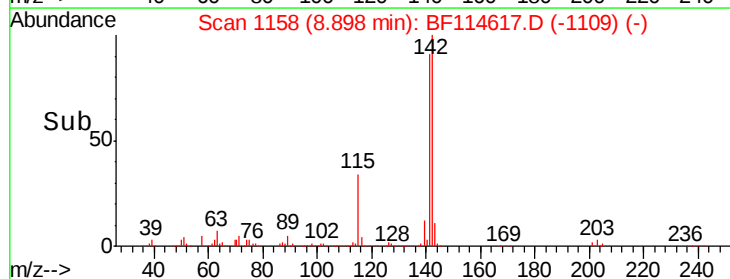
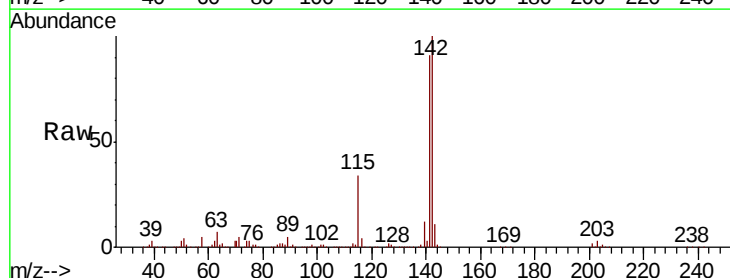
Instrument :
BNA_F
ClientSampleId :
PB119929BS

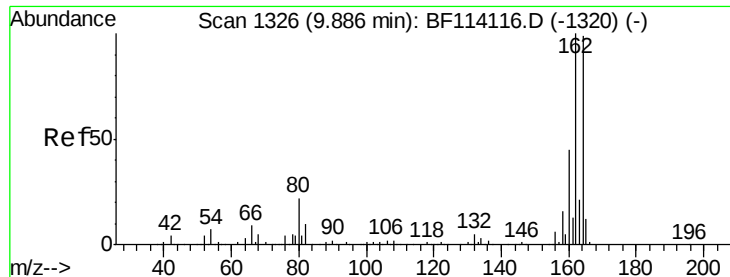
Tot Ion:142 Resp: 763696
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1
115 32.9 28.0 42.0



#38
1-Methylnaphthalene
Concen: 48.261 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:142 Resp: 727102
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.0
116 3.6 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: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

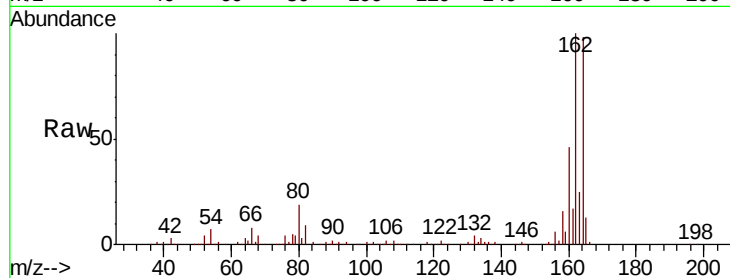
Tot Ion:164 Resp: 248578

Ion Ratio Lower Upper

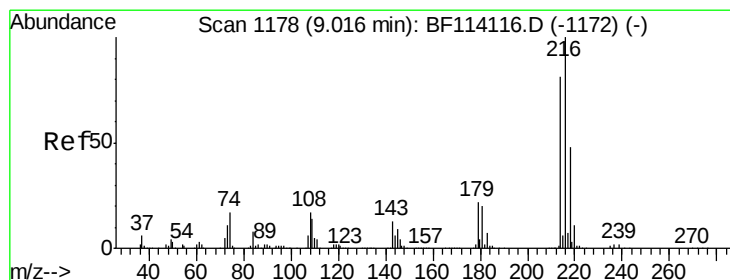
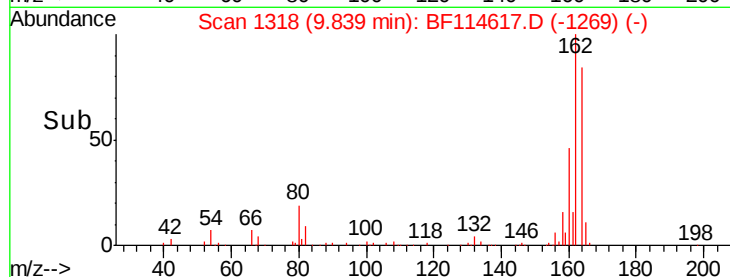
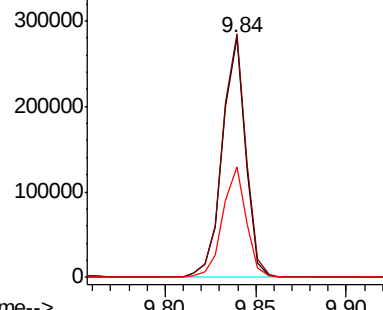
164 100

162 101.7 80.6 120.8

160 46.4 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: 46.355 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Tgt Ion:216 Resp: 349049

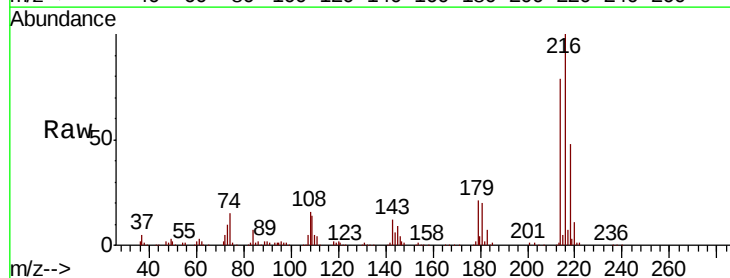
Ion Ratio Lower Upper

216 100

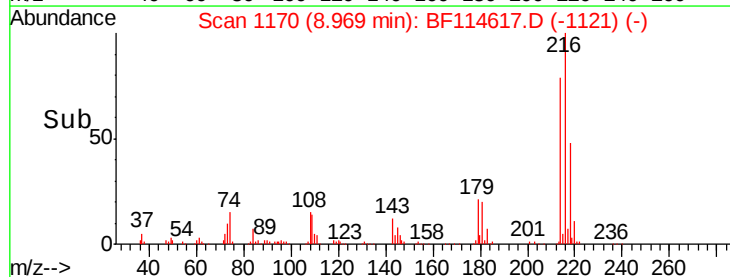
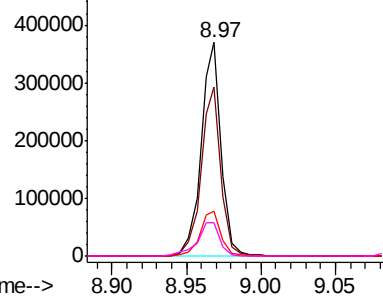
214 78.4 63.9 95.9

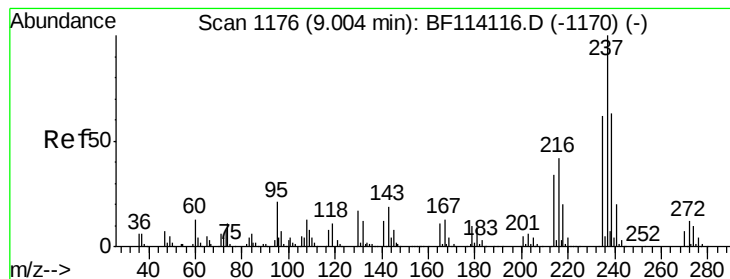
179 21.4 17.0 25.6

108 18.3 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: 44.064 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

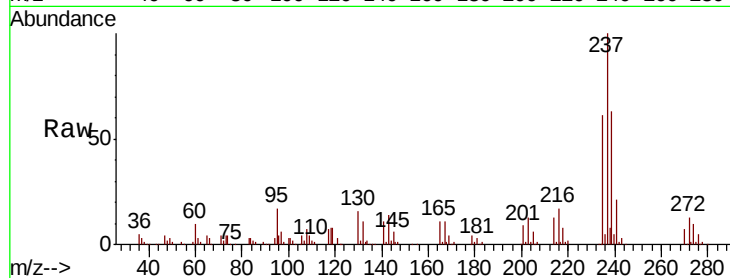
Tot Ion:237 Resp: 147375

Ion Ratio Lower Upper

237 100

235 60.9 42.0 82.0

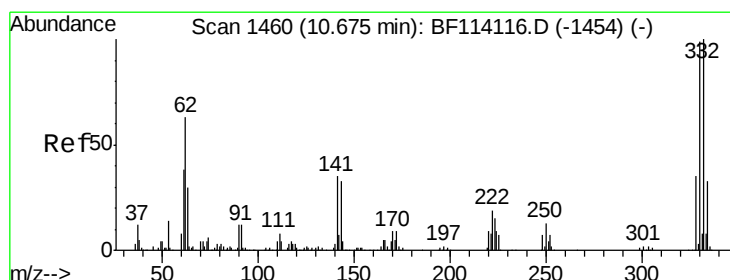
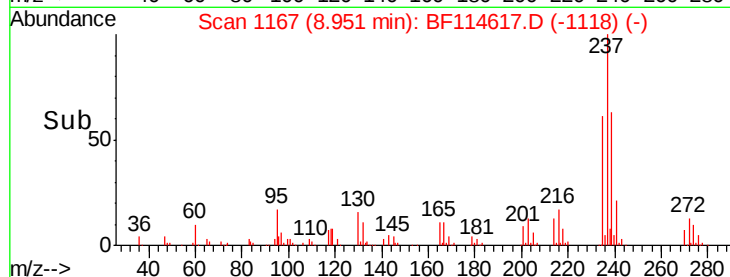
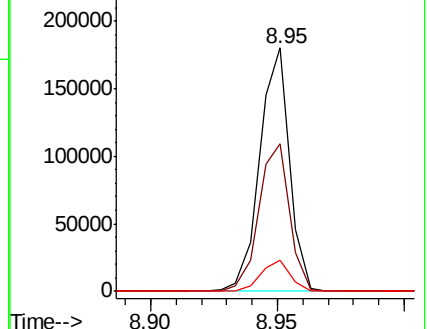
272 12.9 0.0 32.4



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: 128.636 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

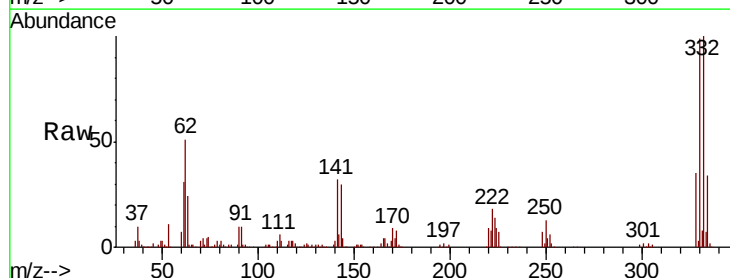
Tgt Ion:330 Resp: 330579

Ion Ratio Lower Upper

330 100

332 102.4 81.4 122.2

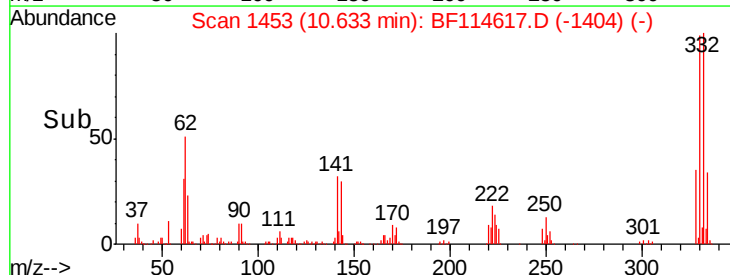
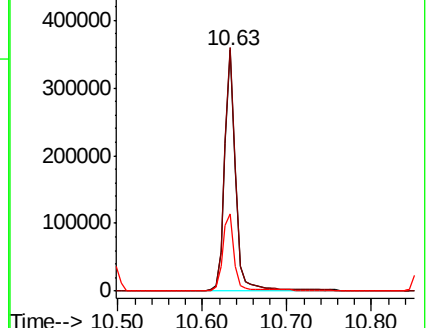
141 33.8 26.6 40.0

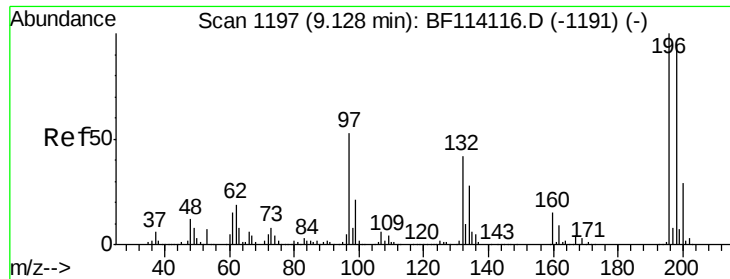


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

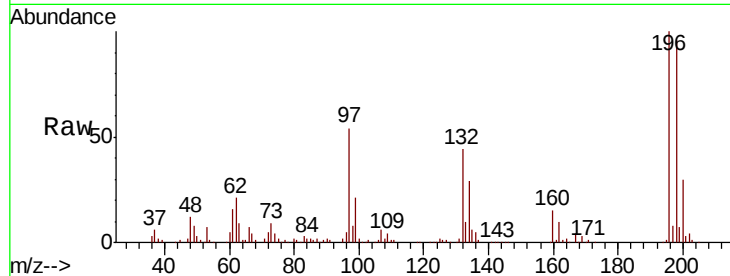




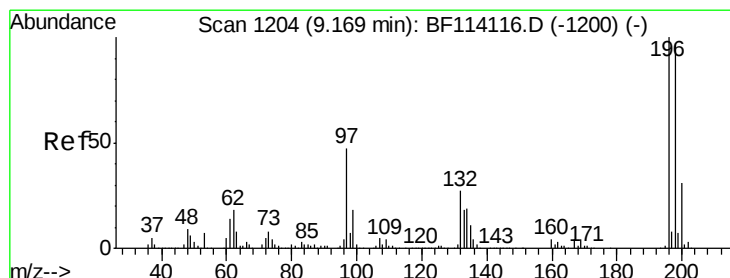
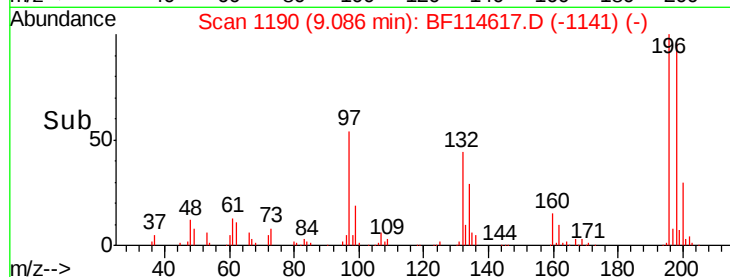
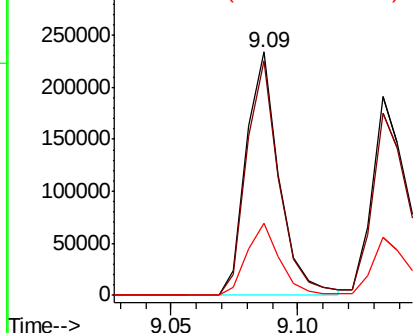
#43
 2,4,6-Trichlorophenol
 Concen: 40.961 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

Tot Ion:196 Resp: 212148
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.9 113.9
 200 29.8 23.5 35.3

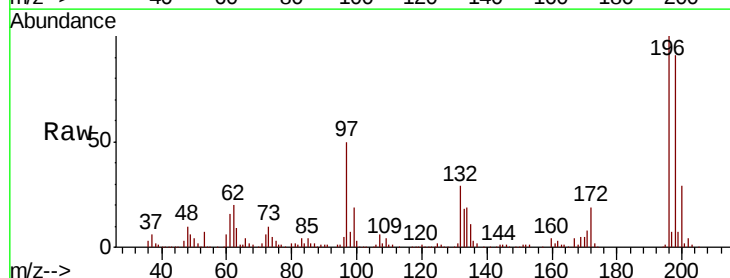


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

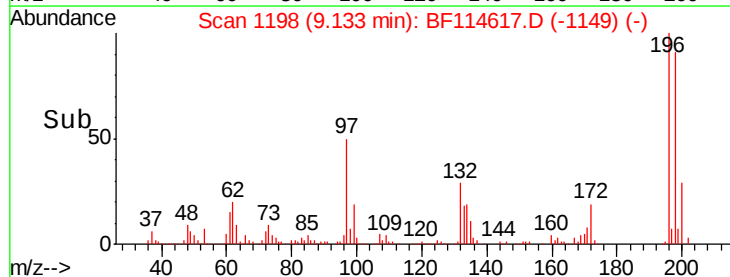
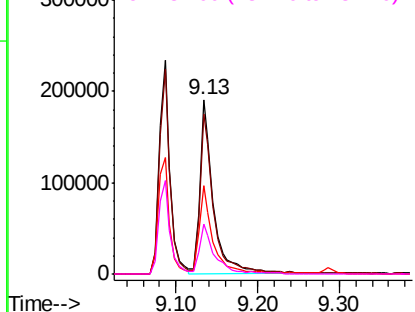


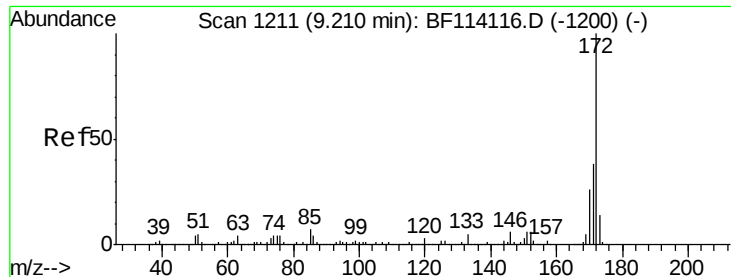
#44
 2,4,5-Trichlorophenol
 Concen: 41.850 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion:196 Resp: 222293
 Ion Ratio Lower Upper
 196 100
 198 91.4 77.7 116.5
 97 50.5 38.2 57.2
 132 28.7 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

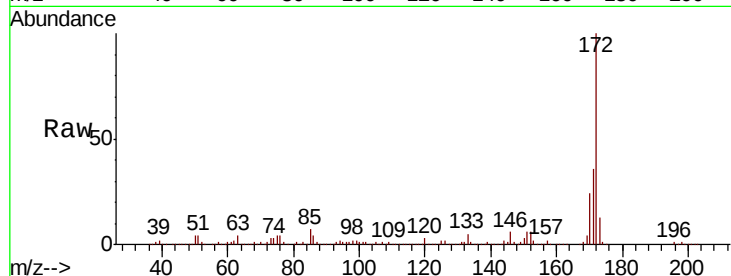




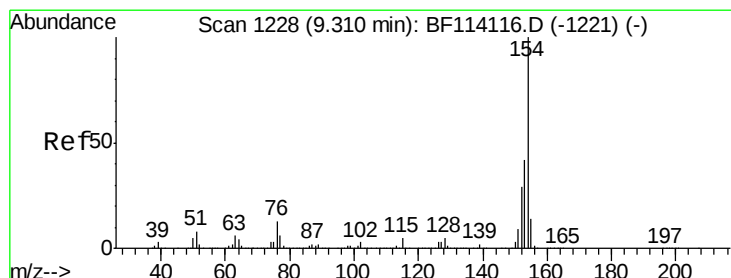
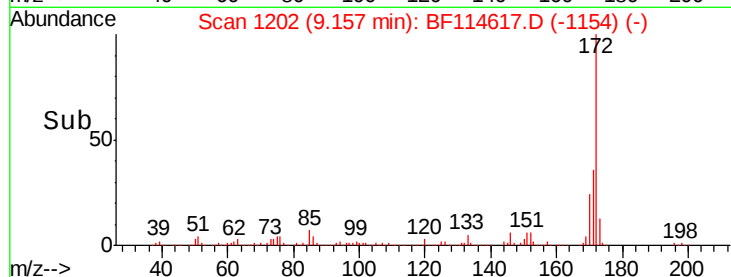
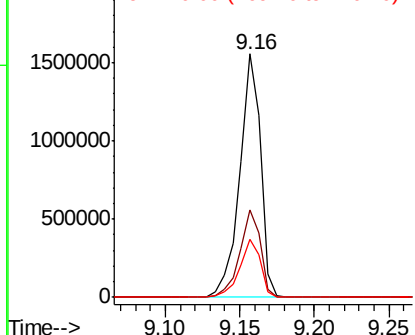
#45
2-Fluorobiphenyl
Concen: 92.300 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion:172 Resp: 1516782
Ion Ratio Lower Upper
172 100
171 36.0 30.7 46.1
170 23.8 20.5 30.7

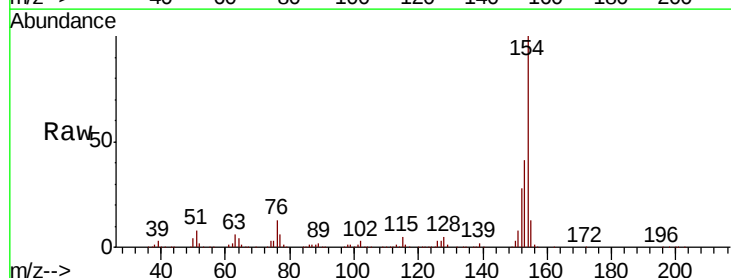


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

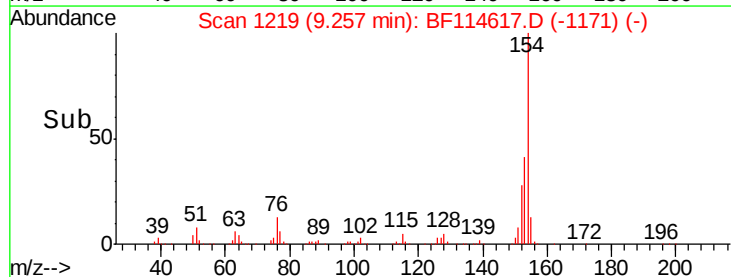
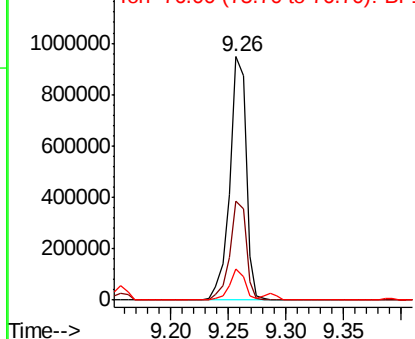


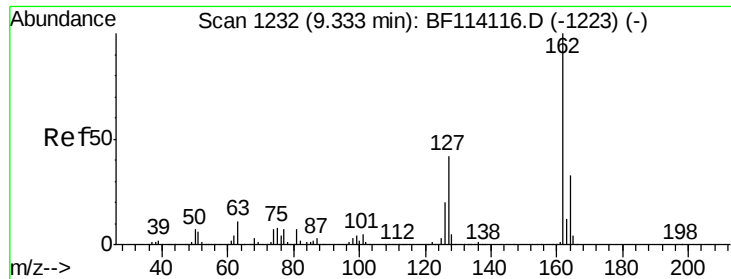
#46
1,1'-Biphenyl
Concen: 46.280 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:154 Resp: 929383
Ion Ratio Lower Upper
154 100
153 40.7 21.9 61.9
76 12.7 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

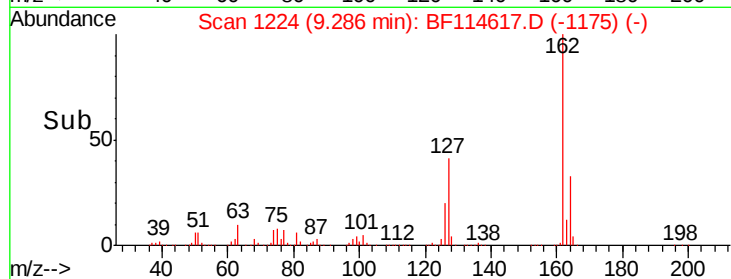
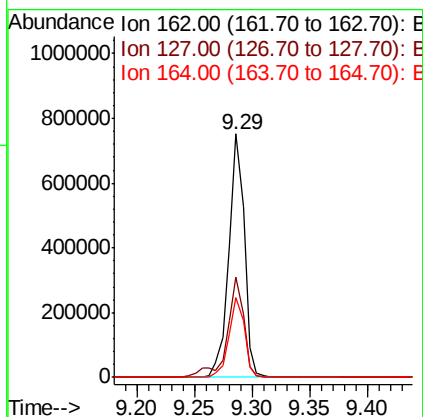
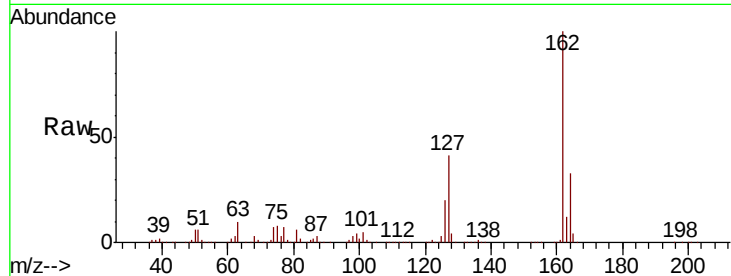




#47
 2-Chloronaphthalene
 Concen: 43.354 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

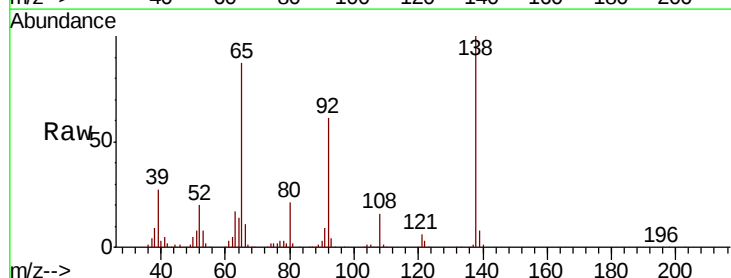
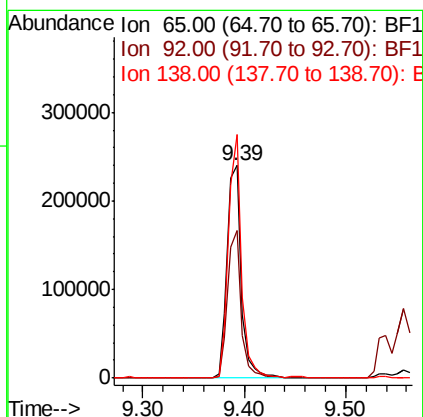
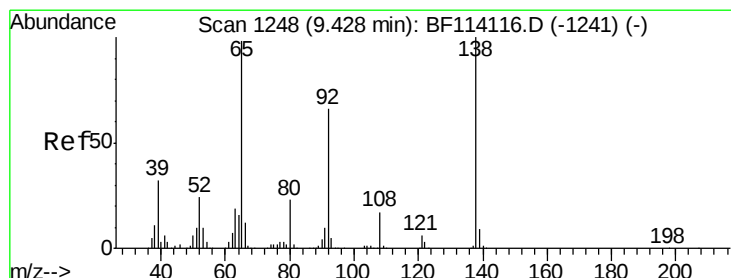
Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

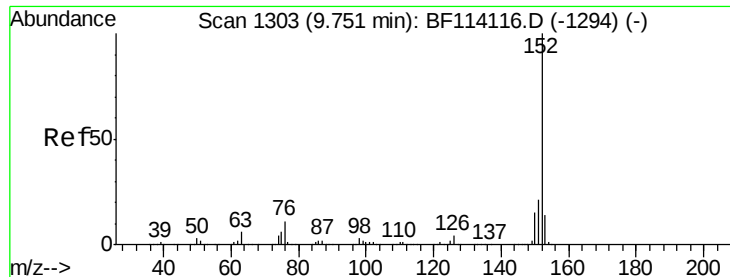
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	34.0	51.0
164	32.6	26.7	40.1



#48
 2-Nitroaniline
 Concen: 40.923 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	53.9	80.9
138	114.6	81.4	122.0





#49

Acenaphthylene

Concen: 45.356 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

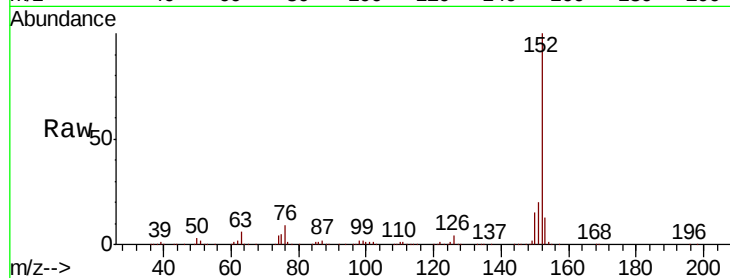
Tot Ion:152 Resp: 1114882

Ion Ratio Lower Upper

152 100

151 19.9 16.8 25.2

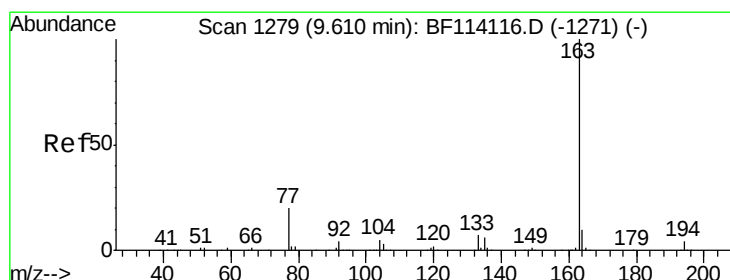
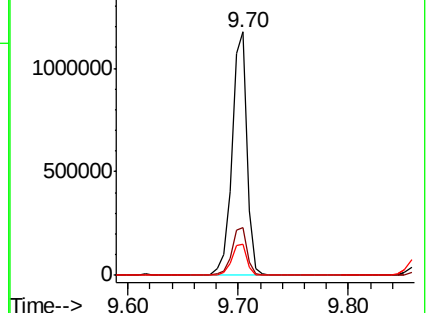
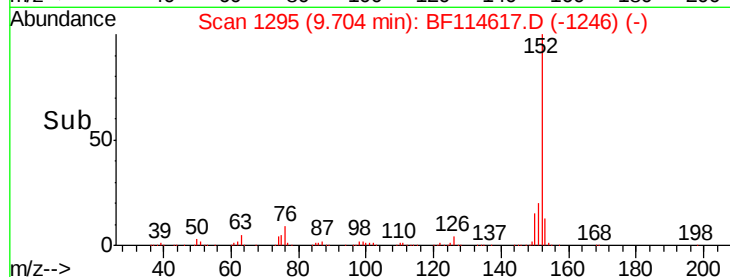
153 13.0 11.4 17.2



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: 42.313 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

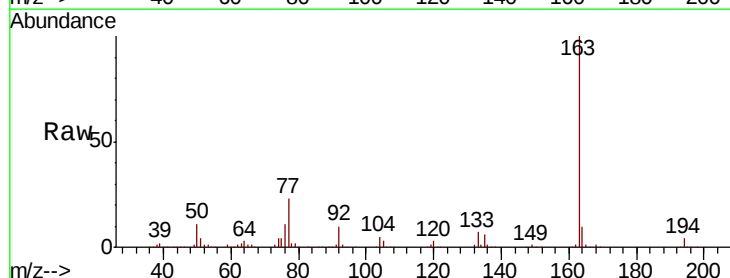
Tgt Ion:163 Resp: 772128

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

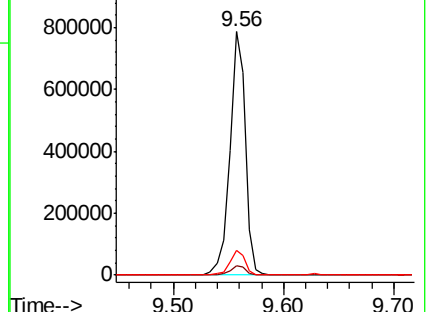
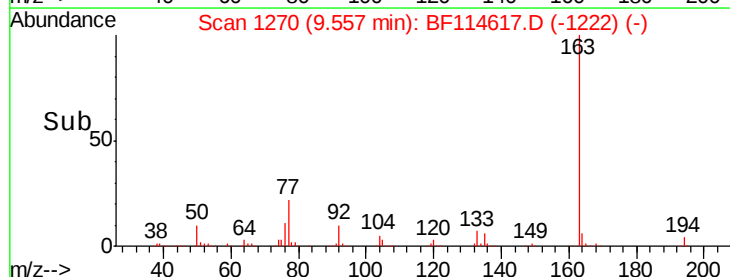
164 10.3 8.2 12.2

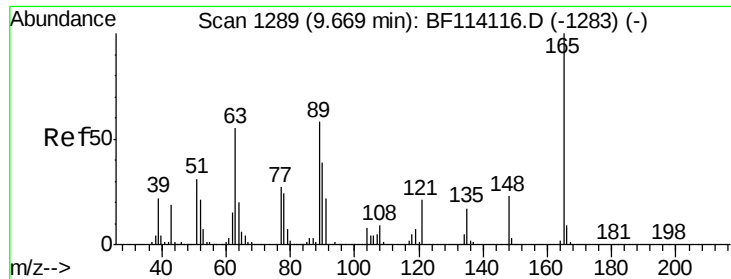


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

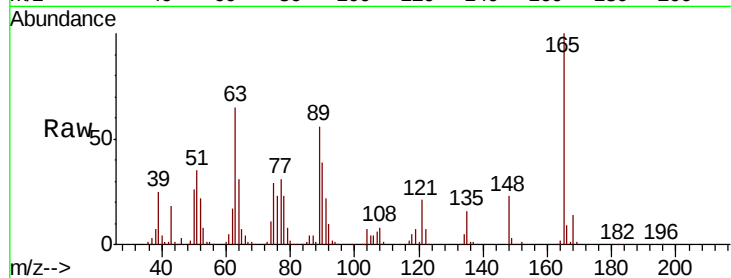




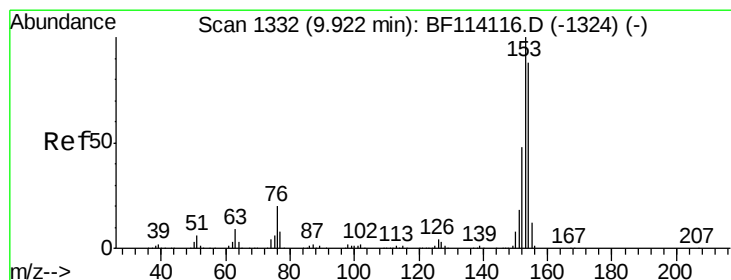
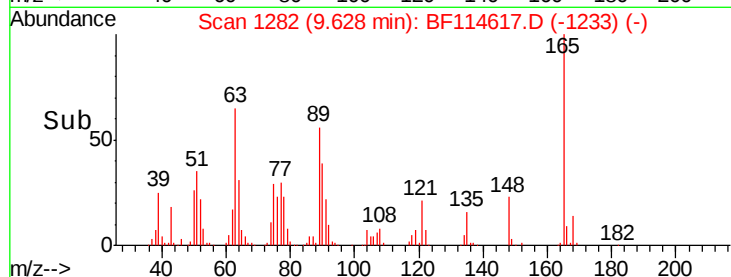
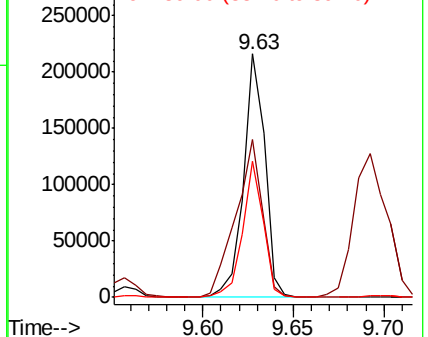
#51
2,6-Dinitrotoluene
Concen: 43.453 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion:165 Resp: 175870
Ion Ratio Lower Upper
165 100
63 64.9 50.2 75.4
89 55.8 46.6 69.8

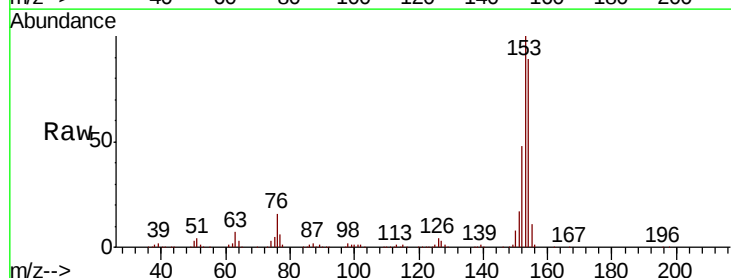


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

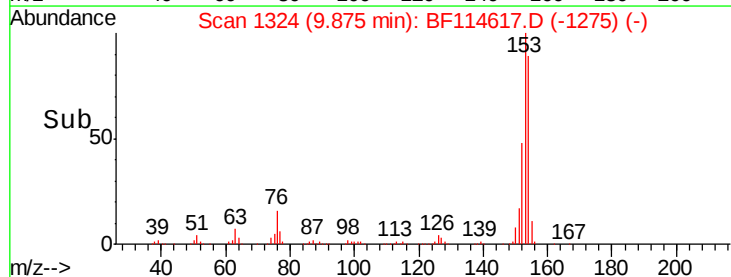
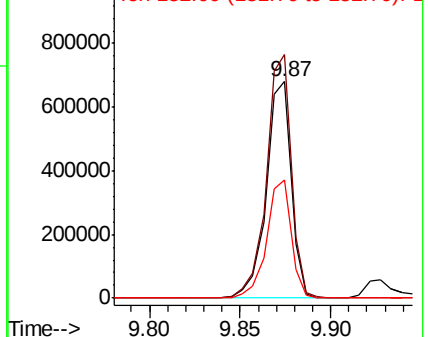


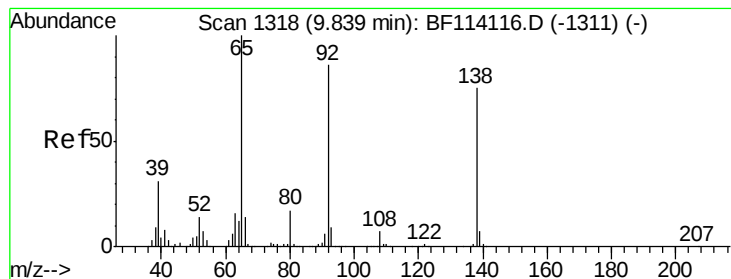
#52
Acenaphthene
Concen: 43.457 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:154 Resp: 655500
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 54.4 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.869 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

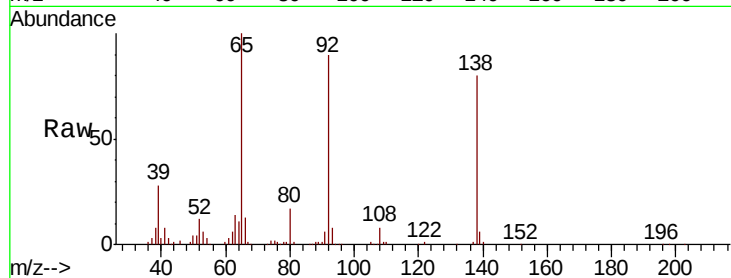
Tot Ion:138 Resp: 134993

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

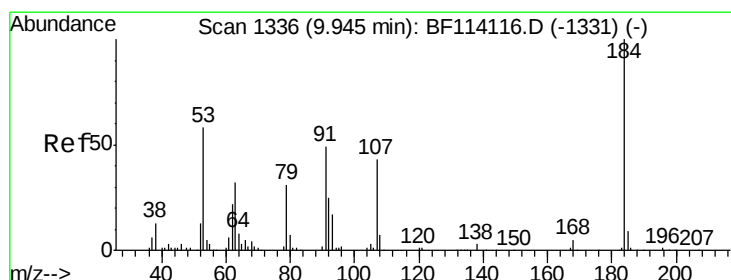
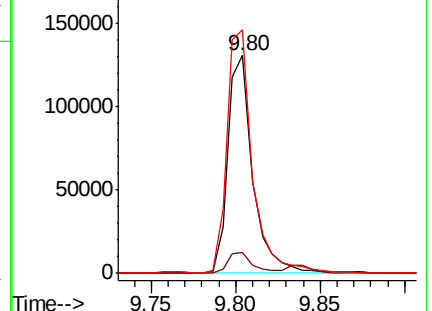
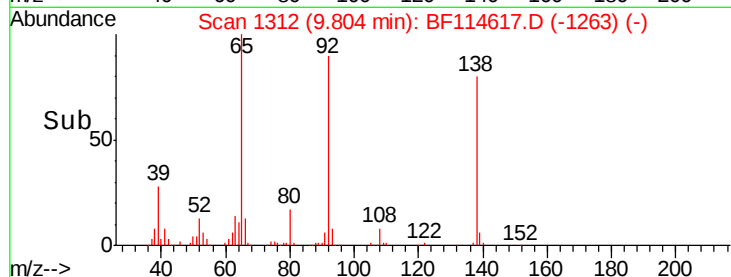
92 111.8 91.2 136.8



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: 68.317 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

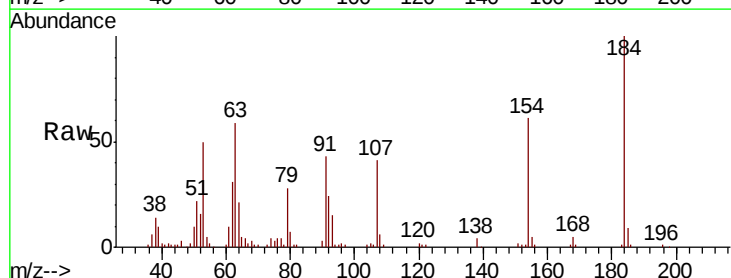
Tgt Ion:184 Resp: 136848

Ion Ratio Lower Upper

184 100

63 59.4 55.6 83.4

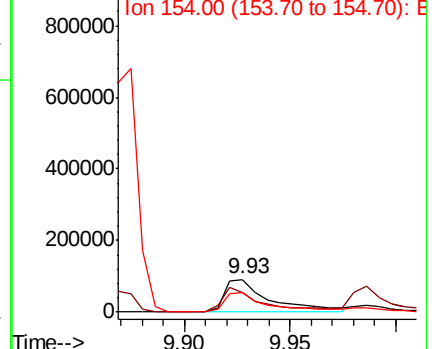
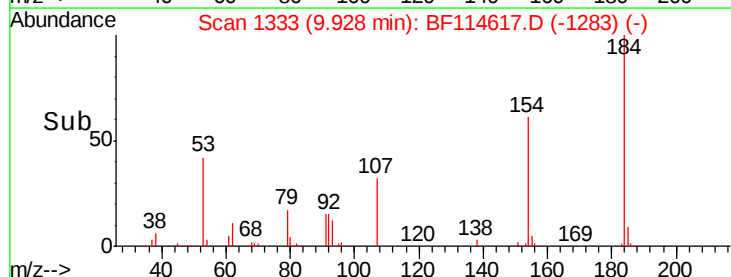
154 61.1 46.0 69.0

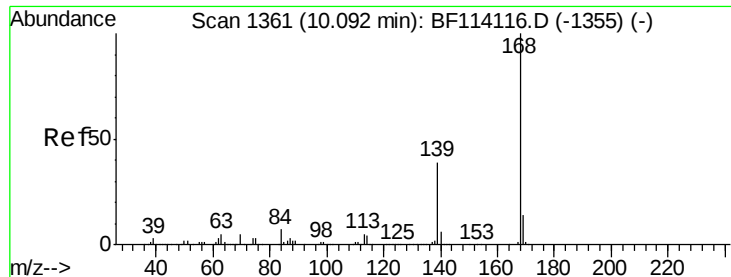


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

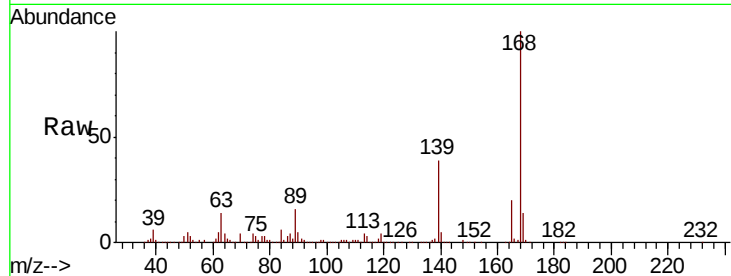




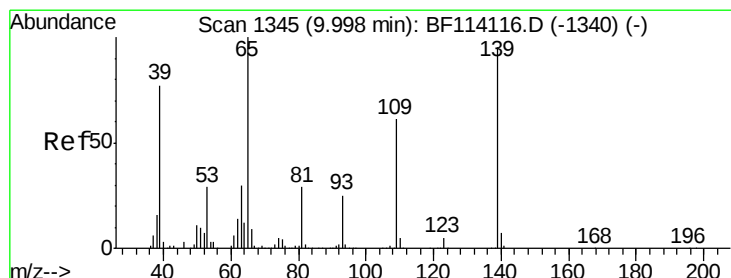
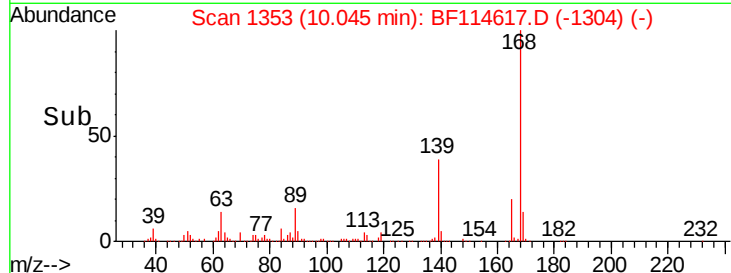
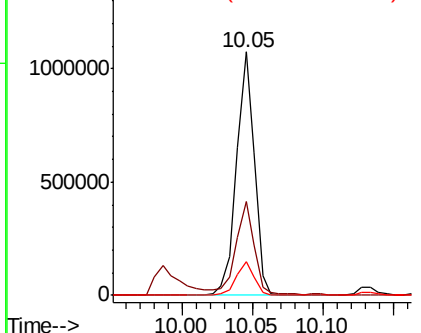
#55
Dibenzofuran
Concen: 42.623 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion:168 Resp: 942744
Ion Ratio Lower Upper
168 100
139 38.6 31.1 46.7
169 13.7 11.4 17.0

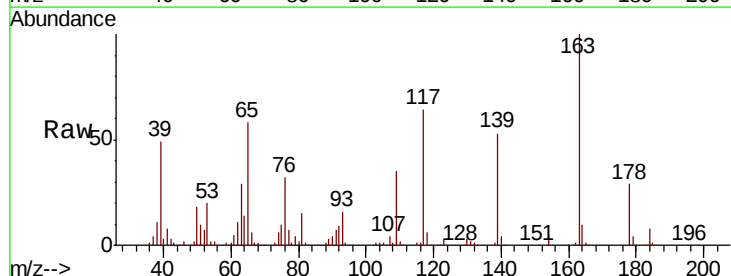


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

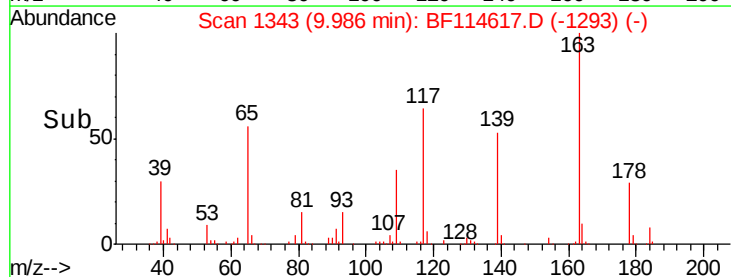
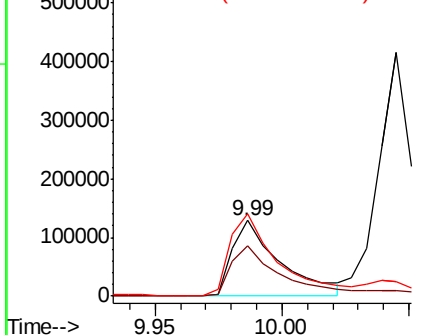


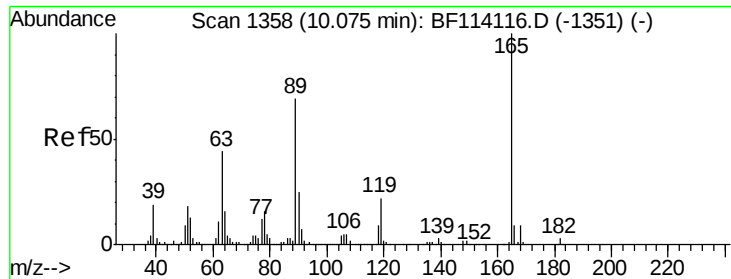
#56
4-Nitrophenol
Concen: 47.873 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:139 Resp: 170096
Ion Ratio Lower Upper
139 100
109 66.0 43.9 83.9
65 109.1 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: 39.414 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

Tot Ion:165 Resp: 216521

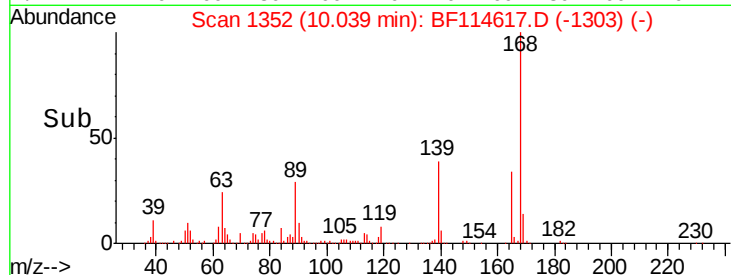
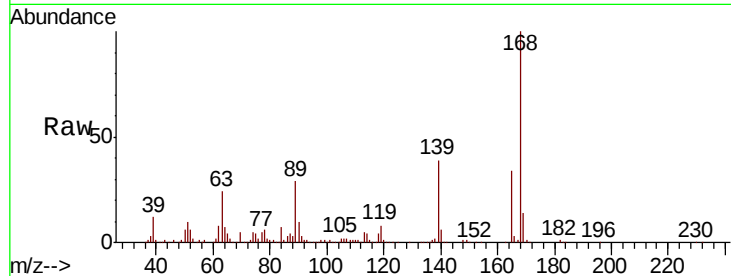
Ion Ratio Lower Upper

165 100

63 69.6 35.5 53.3#

89 85.8 55.2 82.8#

182 2.4 2.2 3.2

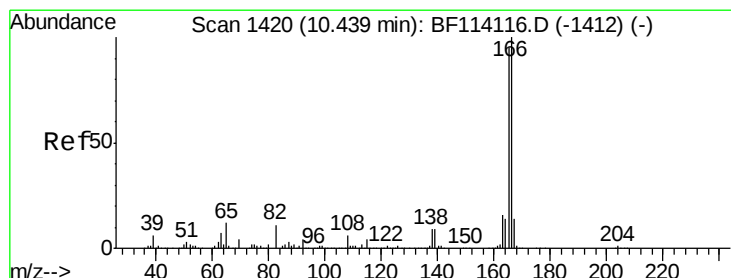
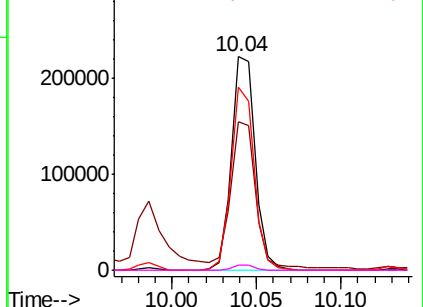


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.595 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

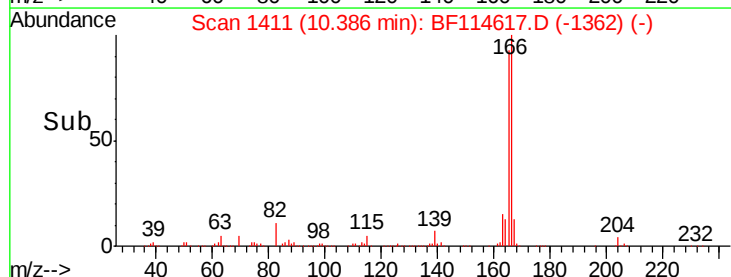
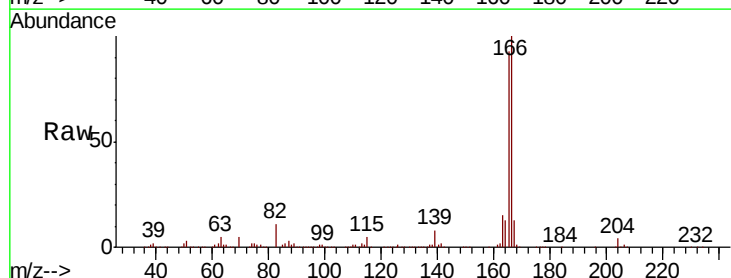
Tgt Ion:166 Resp: 778961

Ion Ratio Lower Upper

166 100

165 93.5 76.1 114.1

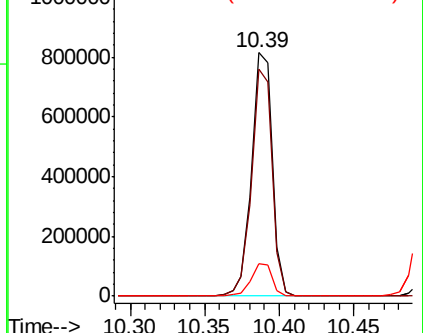
167 13.3 11.1 16.7

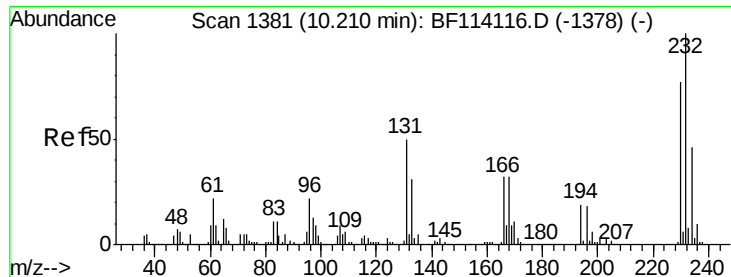


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

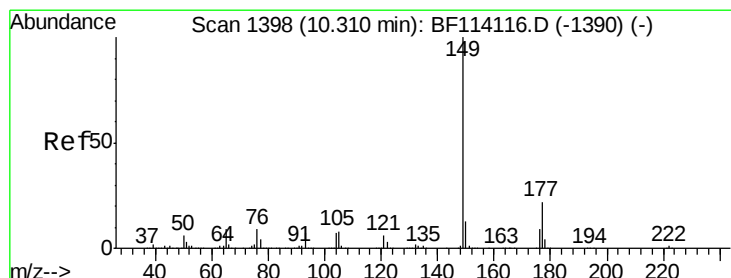
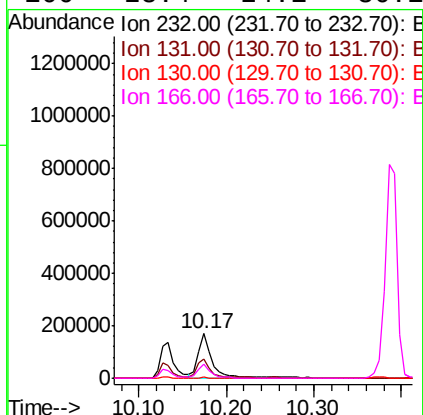
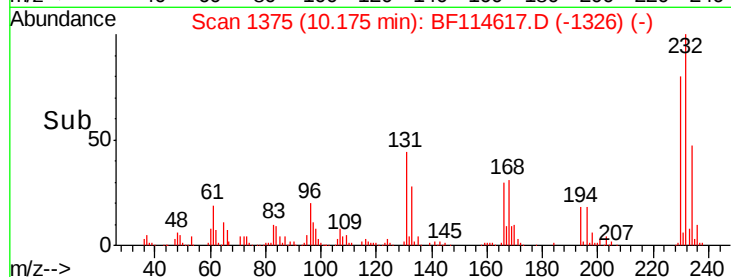
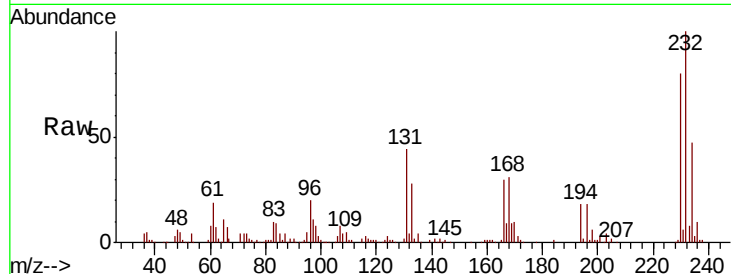




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.287 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

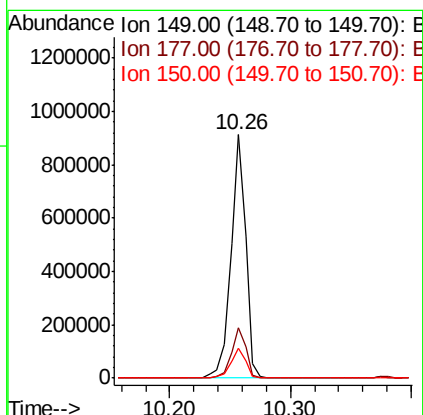
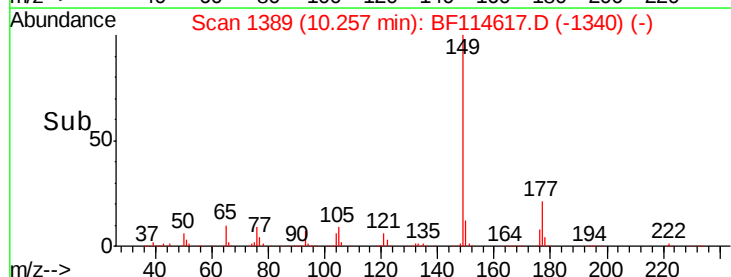
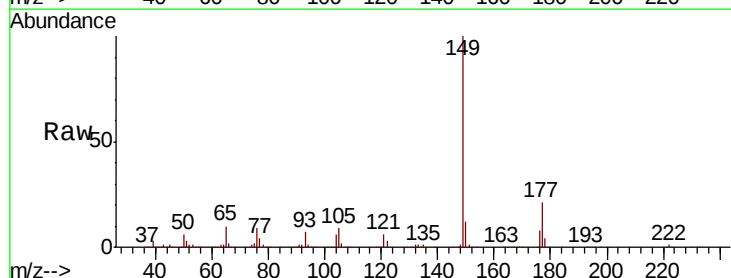
Instrument :
 BNA_F
 ClientSampleId :
 PB119929BS

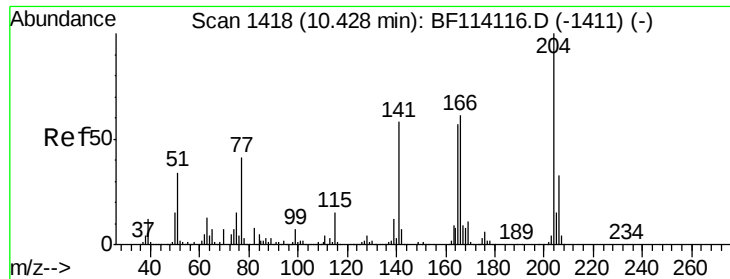
Tot Ion:	232	Resp:	189221
Ion	Ratio	Lower	Upper
232	100		
131	43.5	35.6	53.4
130	2.0	1.6	2.4
166	28.4	24.1	36.1



#60
 Diethylphthalate
 Concen: 41.777 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114617.D
 Acq: 25 May 2019 21:08

Tgt Ion:	149	Resp:	774597
Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.8	26.6
150	12.4	10.2	15.2

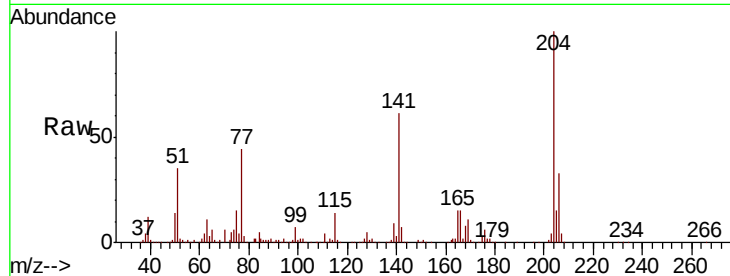




#61
4-Chlorophenyl-phenylether
Concen: 43.398 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	60.9	46.4	69.6

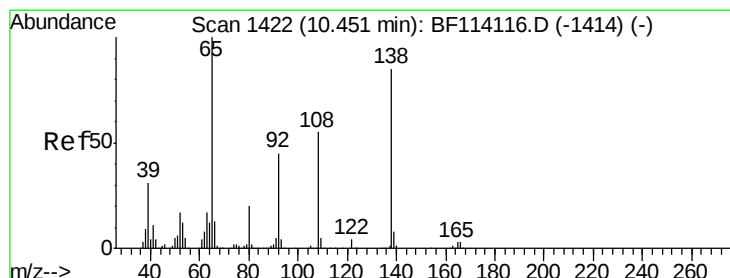
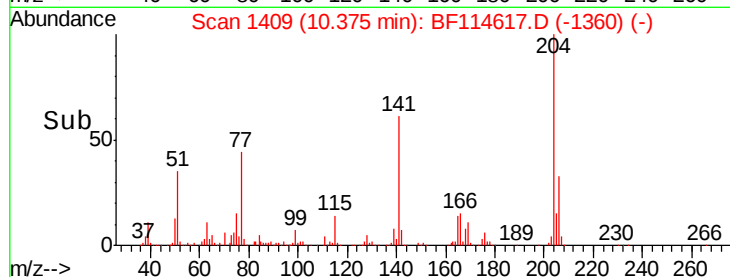
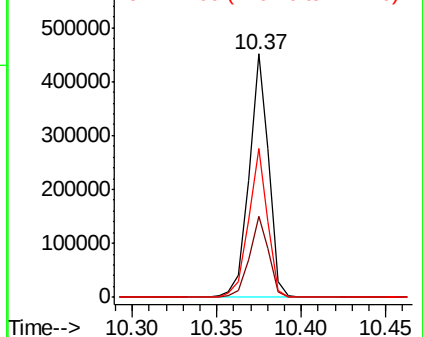


Abundance

Ion 204.00 (203.70 to 204.70): E

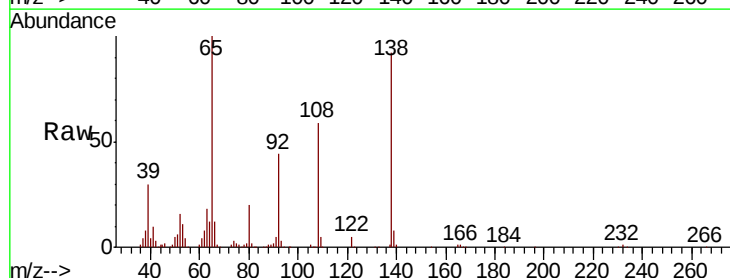
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.922 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	33.0	73.0
108	64.3	44.9	84.9

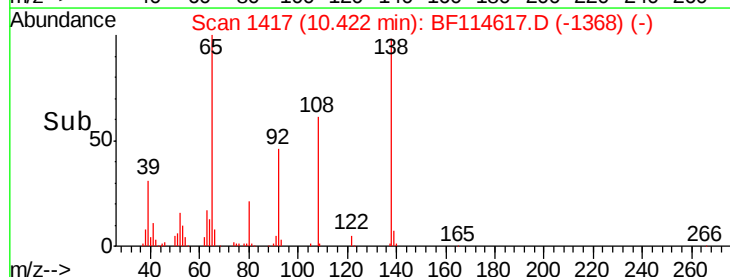
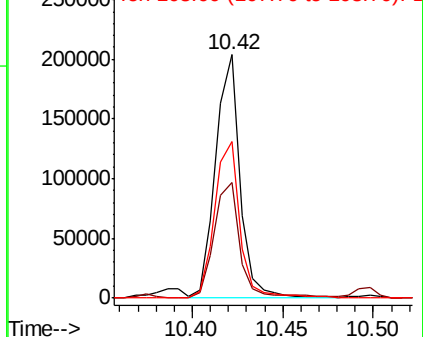


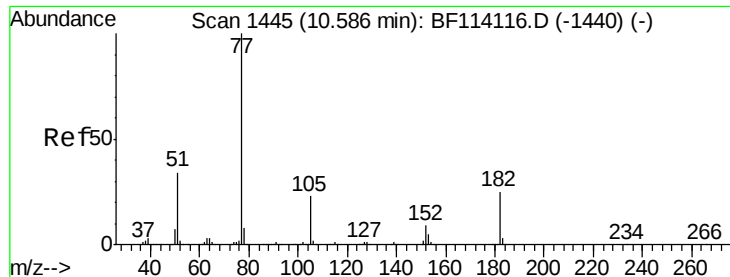
Abundance

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: 41.679 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

Tot Ion: 77 Resp: 747998

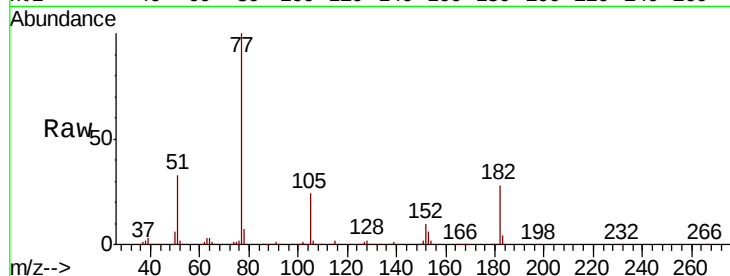
Ion Ratio Lower Upper

77 100

182 28.4 4.7 44.7

105 23.5 2.9 42.9

51 33.0 14.6 54.6

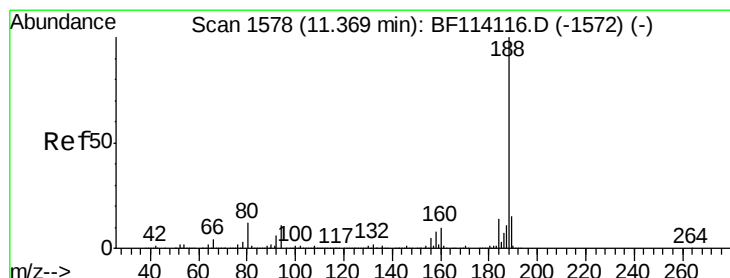
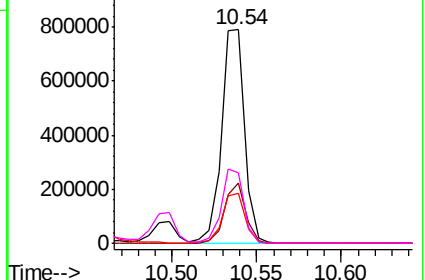
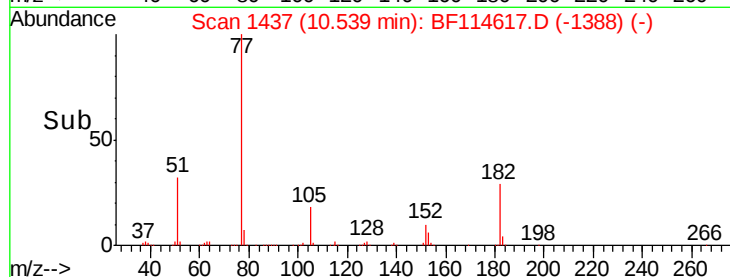


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF114617.D

Acq: 25 May 2019 21:08

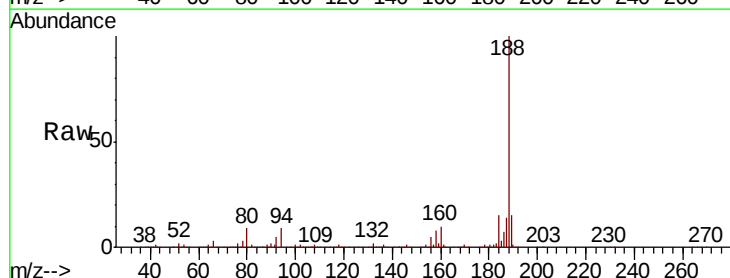
Tgt Ion: 188 Resp: 478330

Ion Ratio Lower Upper

188 100

94 8.9 8.4 12.6

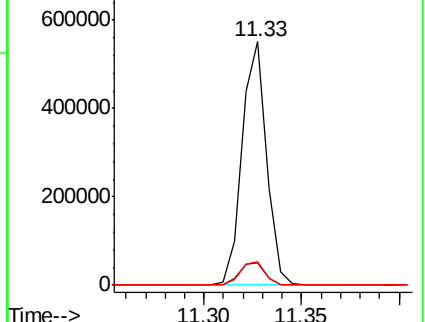
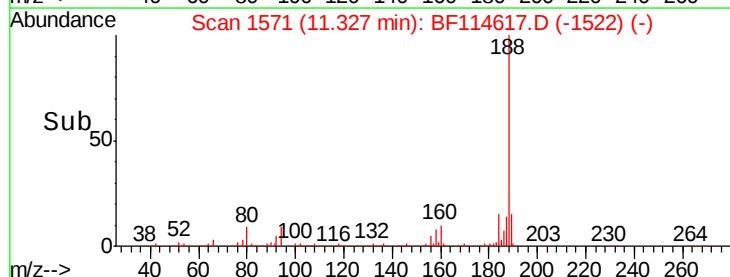
80 9.4 9.2 13.8

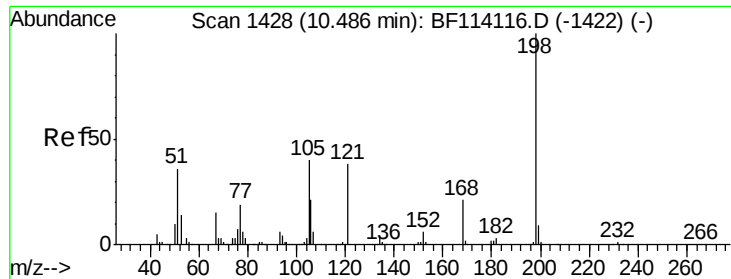


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

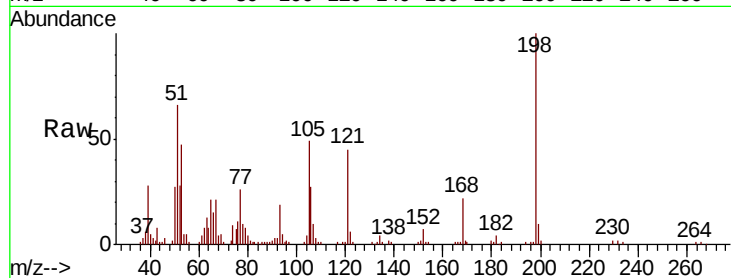




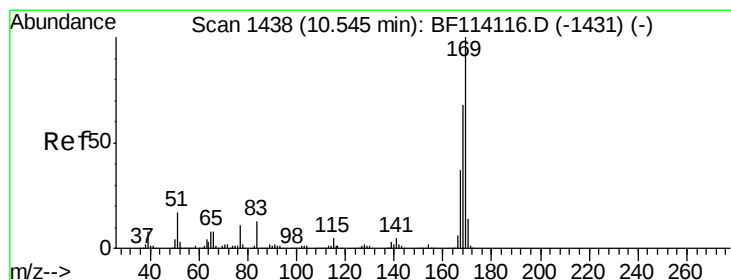
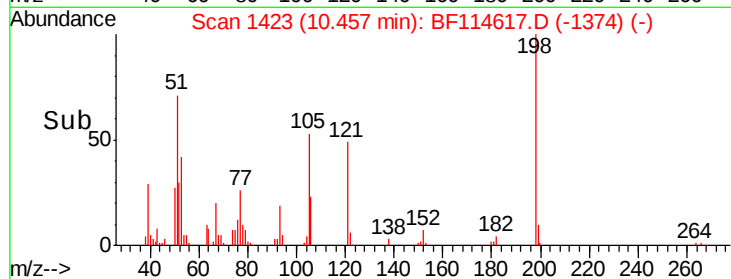
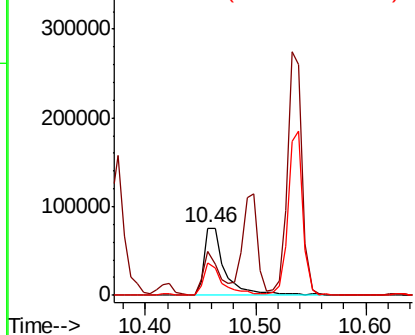
#65
4,6-Dinitro-2-methylphenol
Concen: 42.583 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion:198 Resp: 97874
Ion Ratio Lower Upper
198 100
51 65.9 28.0 68.0
105 48.6 21.1 61.1

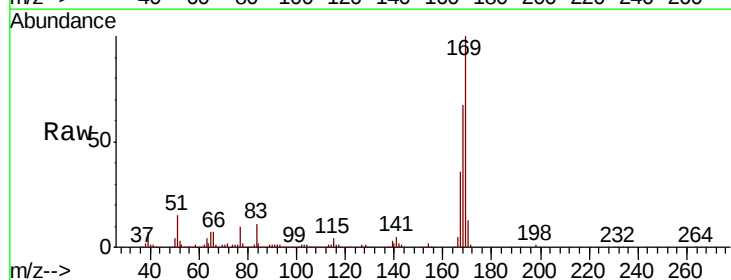


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

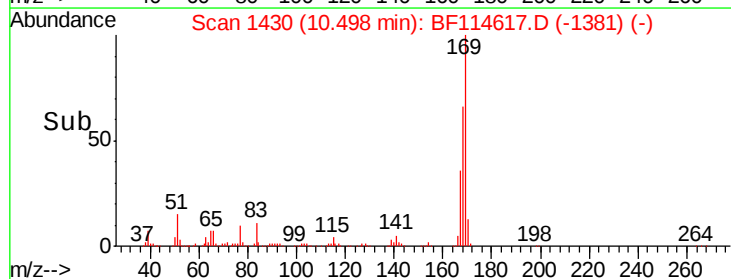
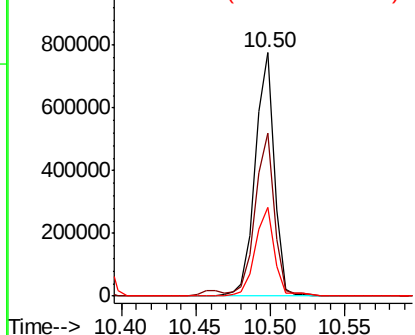


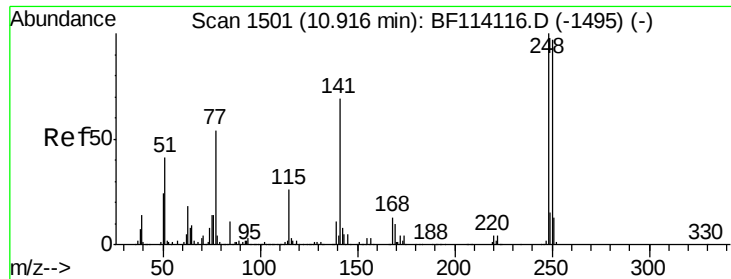
#66
n-Nitrosodiphenylamine
Concen: 46.825 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:169 Resp: 679779
Ion Ratio Lower Upper
169 100
168 66.7 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

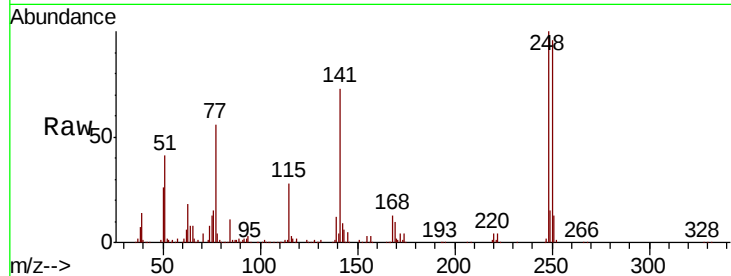




#67
4-Bromophenyl-phenylether
Concen: 43.226 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.4	116.2
141	73.2	55.6	83.4

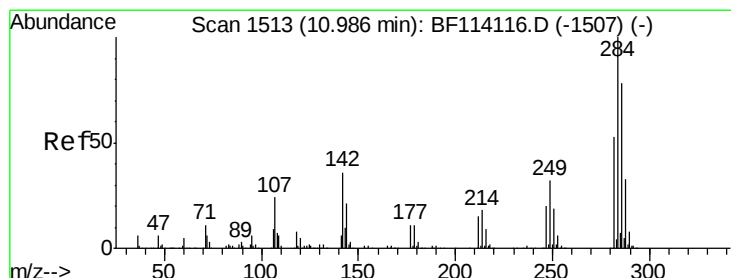
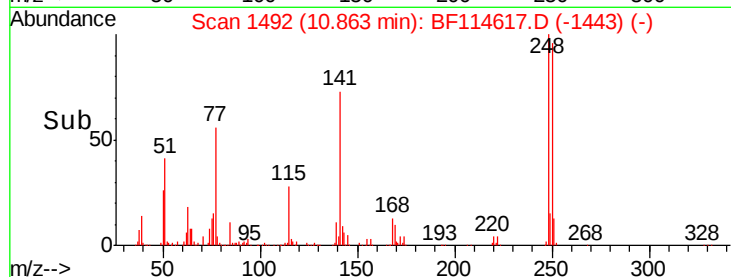
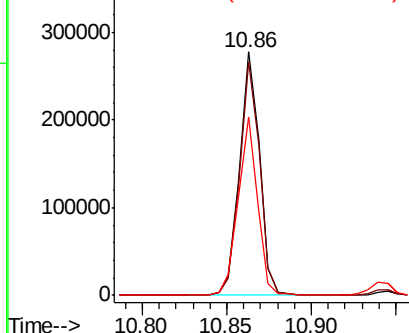


Abundance

Ion 248.00 (247.70 to 248.70): E

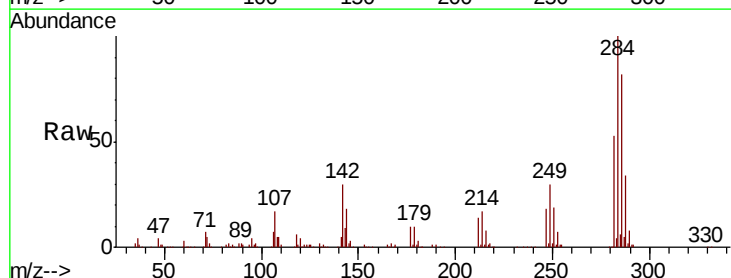
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.871 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	28.4	42.6
249	29.6	25.2	37.8

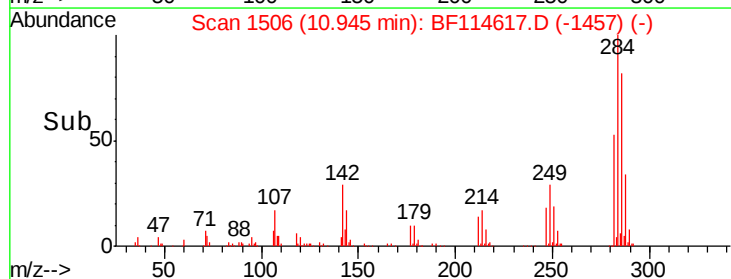
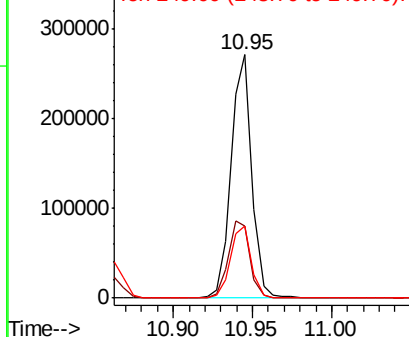


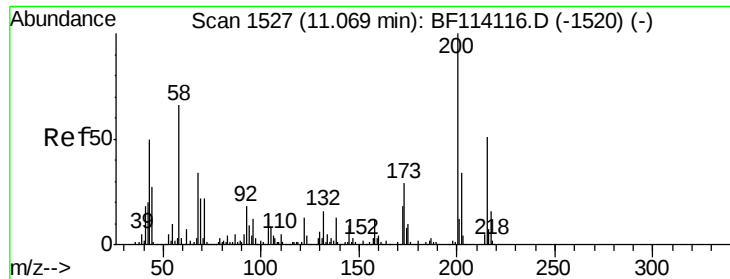
Abundance

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: 43.322 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

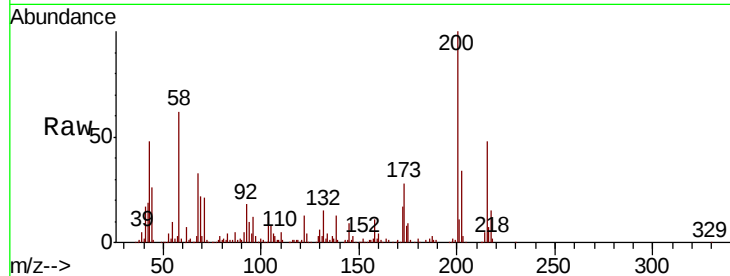
Tot Ion:200 Resp: 195719

Ion Ratio Lower Upper

200 100

173 28.4 8.9 48.9

215 47.7 30.7 70.7

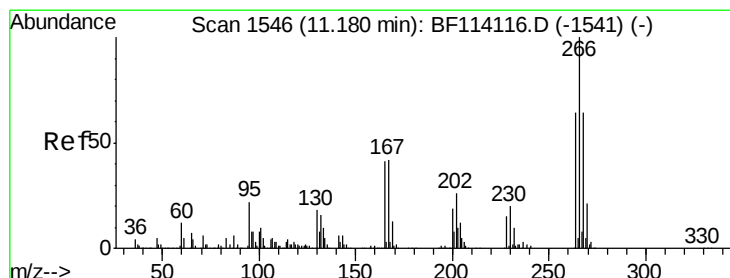
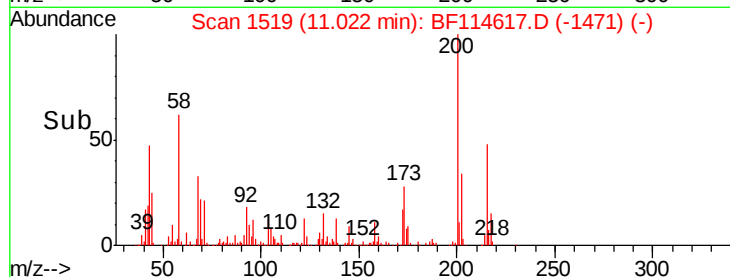
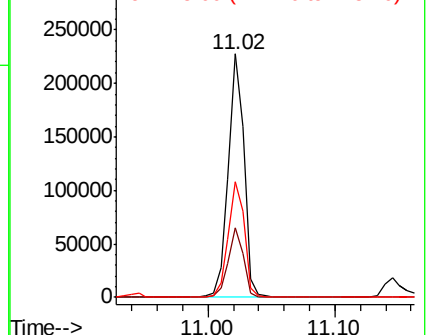


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 53.126 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

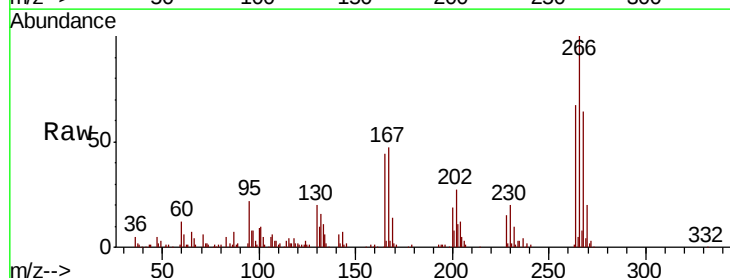
Tgt Ion:266 Resp: 146728

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

264 66.7 51.1 76.7

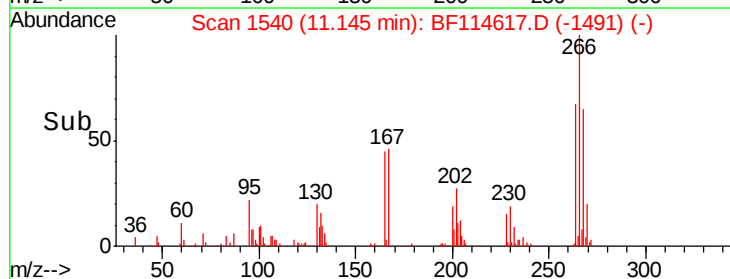
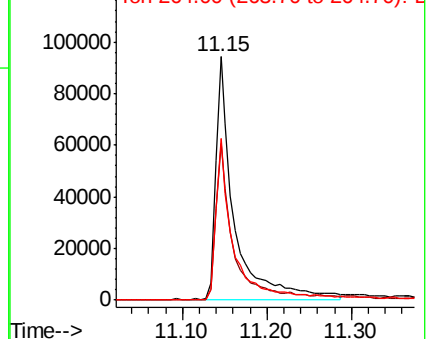


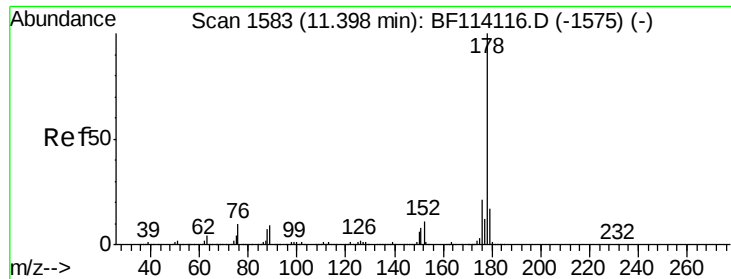
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

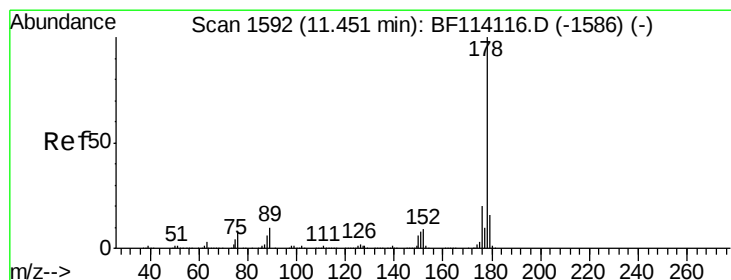
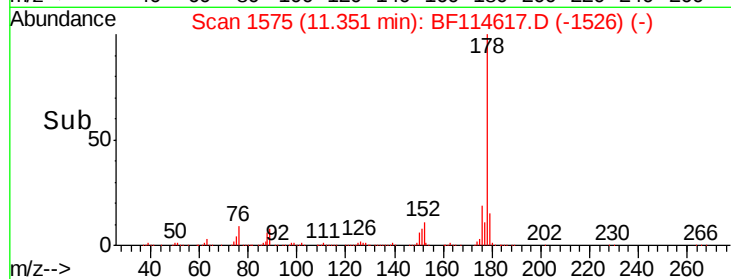
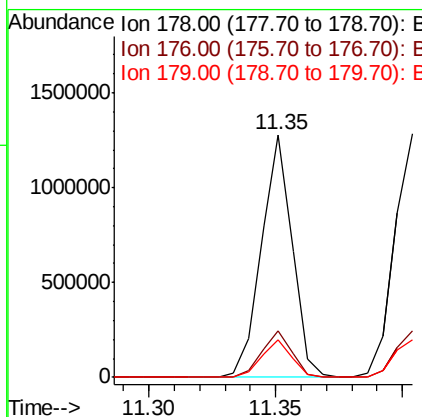
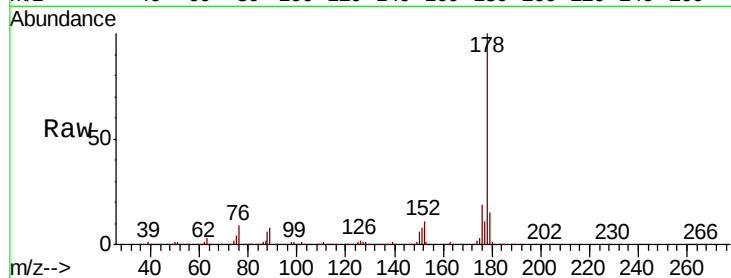




#71
Phenanthrene
Concen: 46.676 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

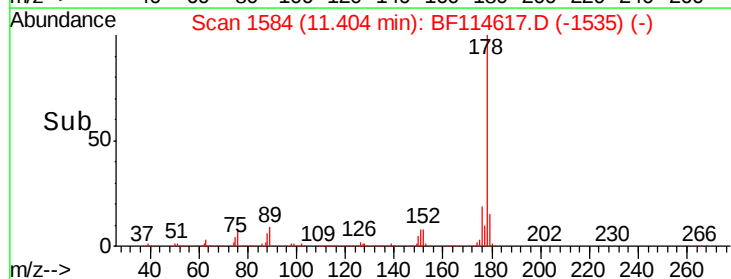
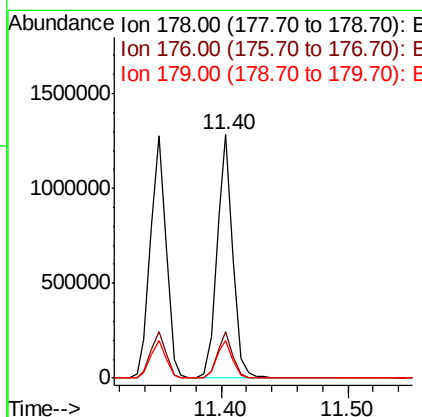
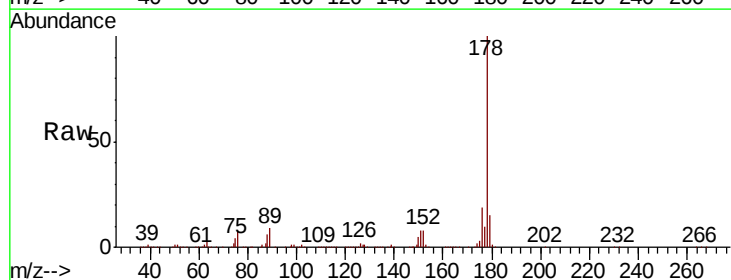
Instrument :
BNA_F
ClientSampleId :
PB119929BS

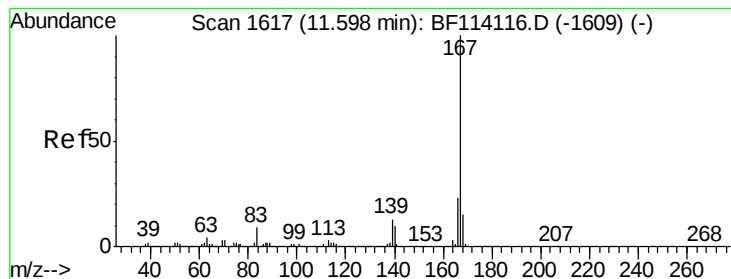
Tot Ion:178 Resp: 1086225
Ion Ratio Lower Upper
178 100
176 19.3 16.4 24.6
179 15.2 13.2 19.8



#72
Anthracene
Concen: 47.754 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:178 Resp: 1116197
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.4 13.0 19.4





#73

Carbazole

Concen: 47.120 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

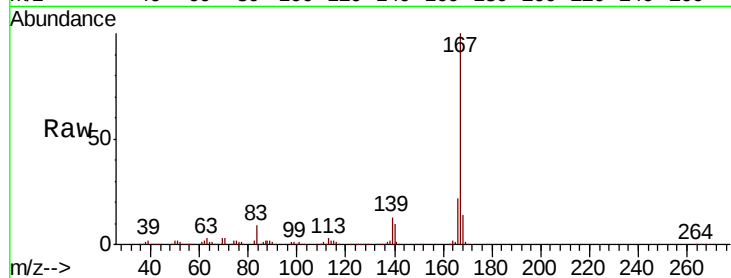
Tot Ion:167 Resp: 1050281

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.2

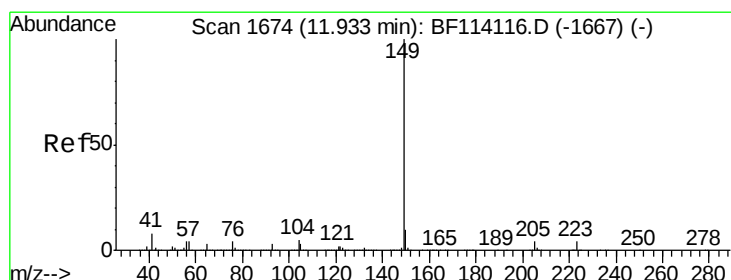
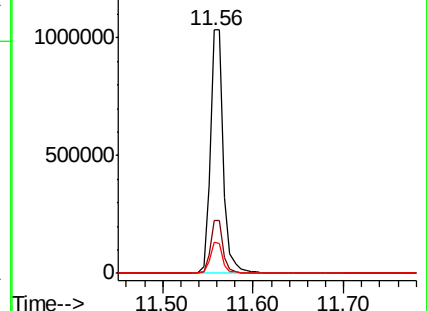
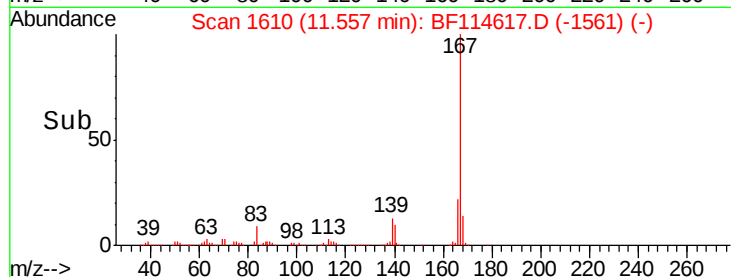
139 12.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.685 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

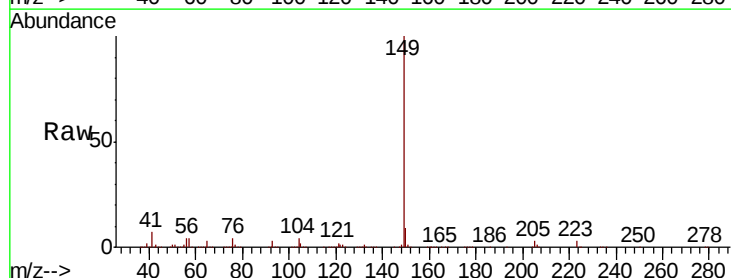
Tgt Ion:149 Resp: 1173154

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

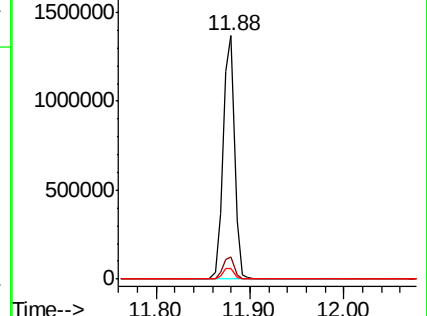
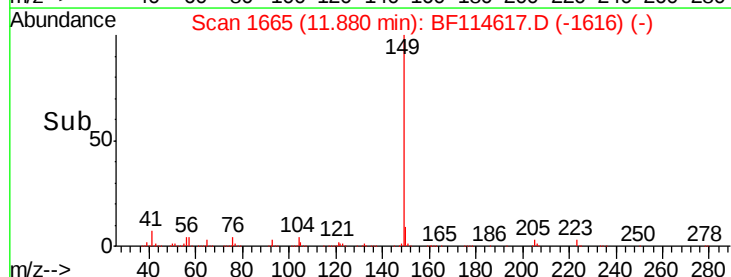
104 4.3 3.6 5.4

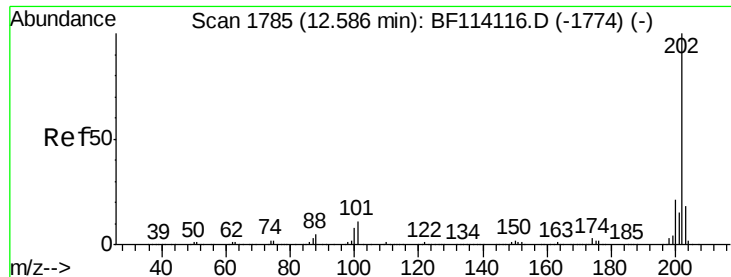


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.572 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

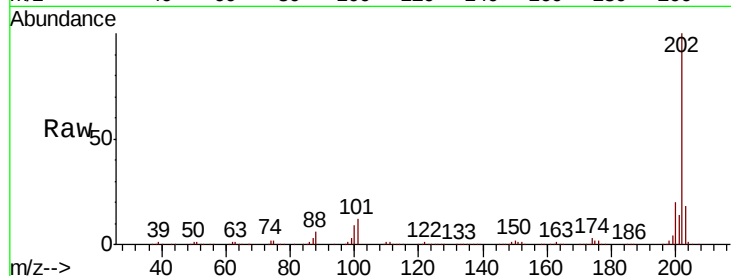
Tot Ion:202 Resp: 1167111

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.0

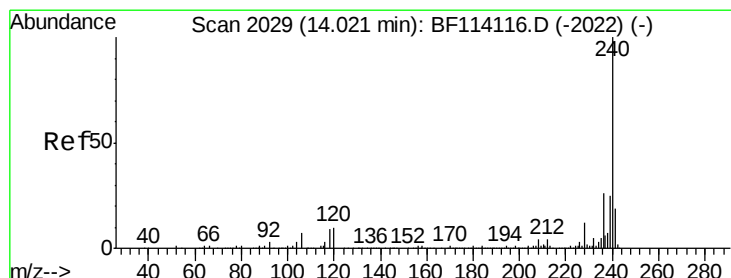
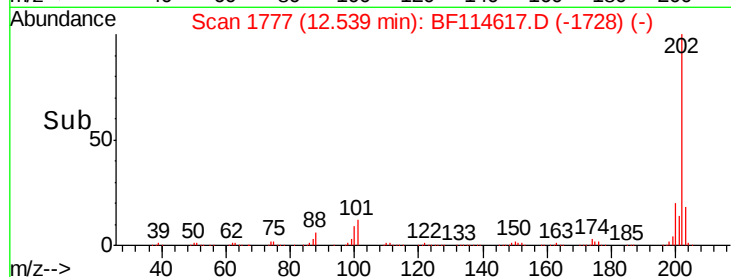
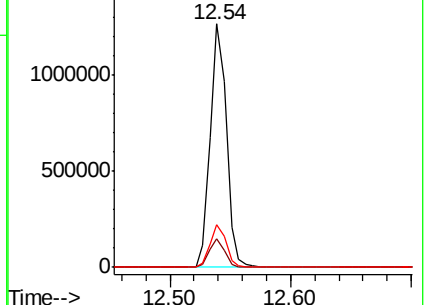
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

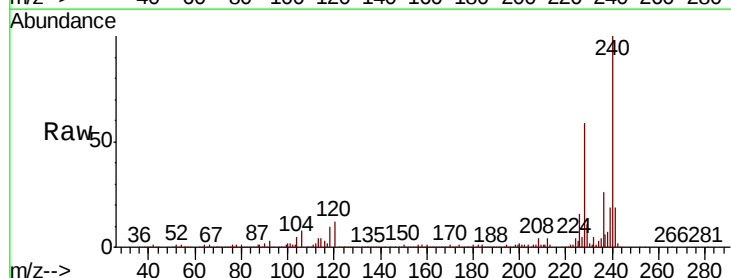
Tgt Ion:240 Resp: 350782

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

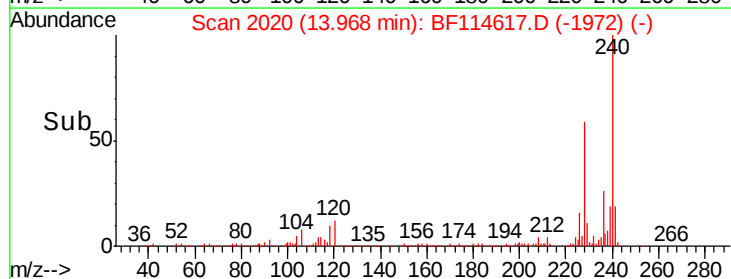
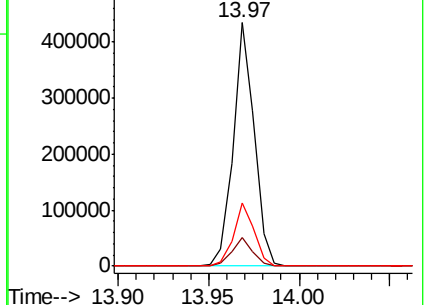
236 25.7 20.8 31.2

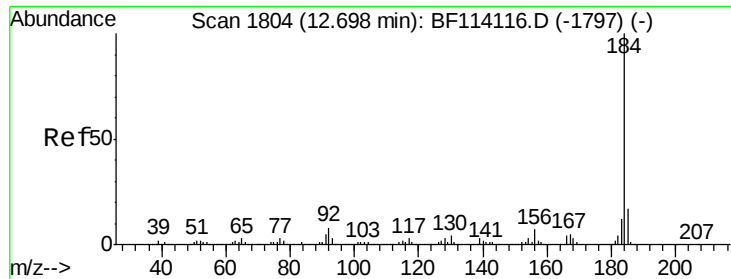


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.825 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

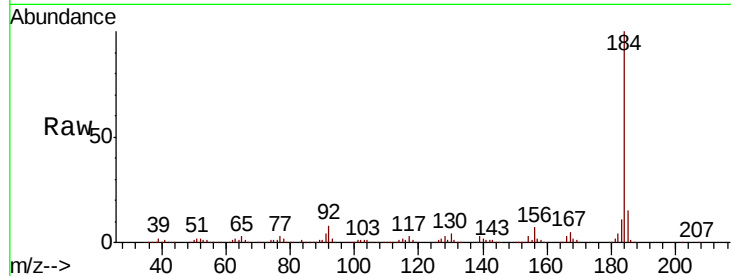
Tot Ion:184 Resp: 579847

Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.6	20.4
183	10.8	9.2	13.8

184 100

185 15.4 13.6 20.4

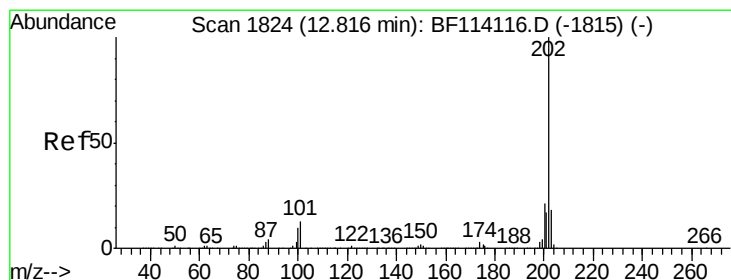
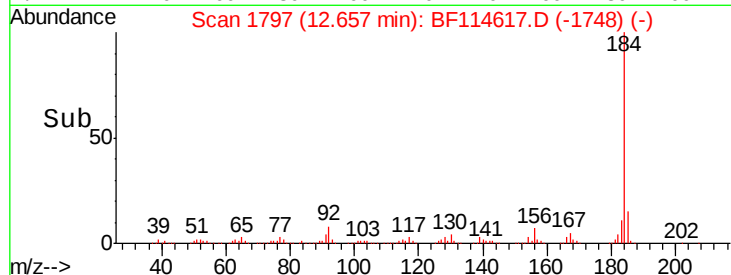
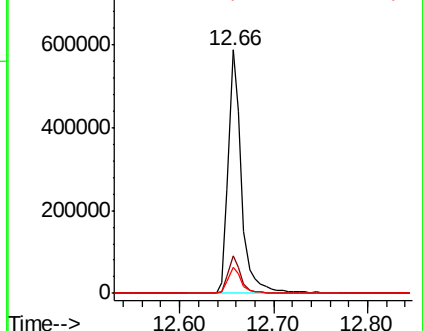
183 10.8 9.2 13.8



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: 41.896 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

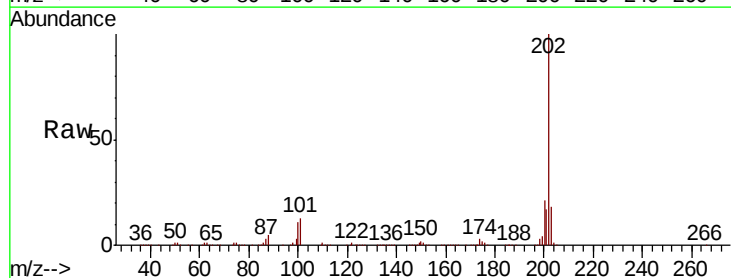
Tgt Ion:202 Resp: 1182244

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.7	14.5	21.7

202 100

200 20.5 16.9 25.3

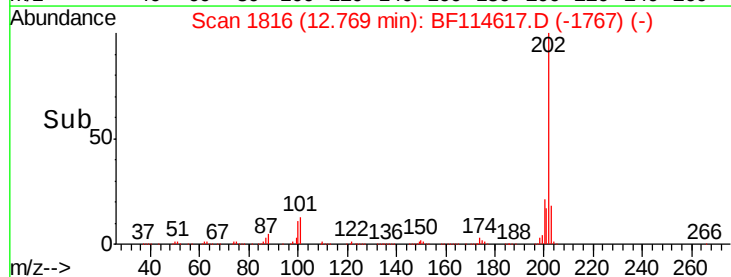
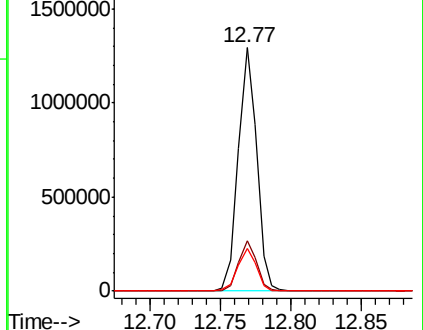
203 17.7 14.5 21.7



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: 89.795 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

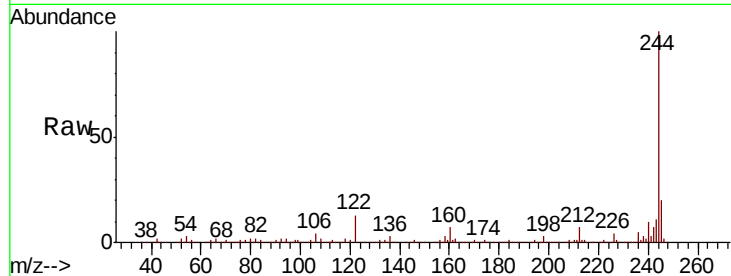
Tot Ion:244 Resp: 1527996

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

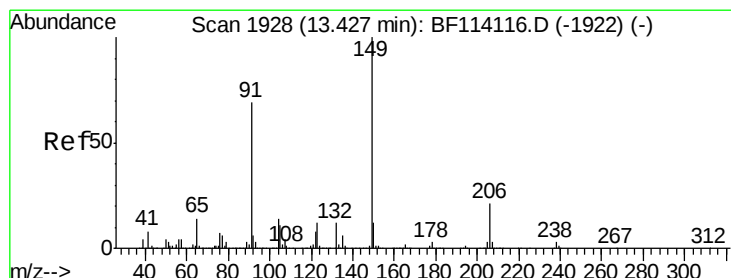
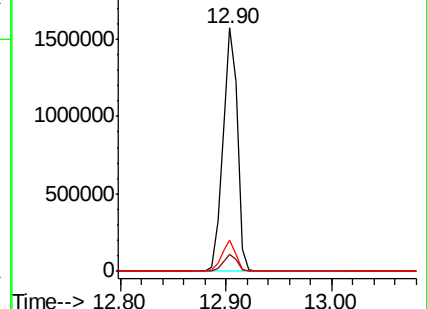
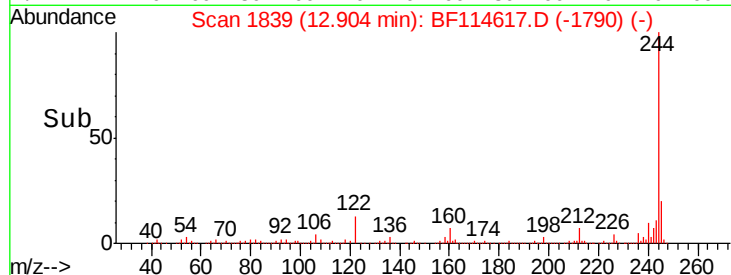
122 12.8 9.4 14.2



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: 43.100 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

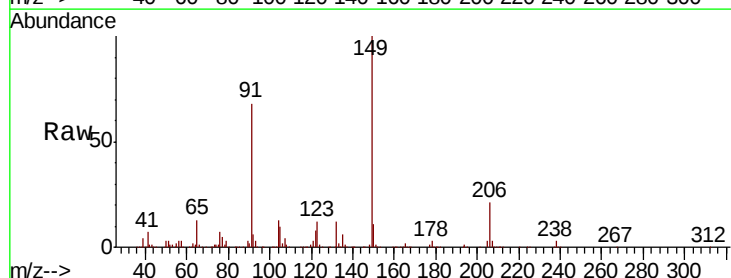
Tgt Ion:149 Resp: 511915

Ion Ratio Lower Upper

149 100

91 68.4 55.0 82.4

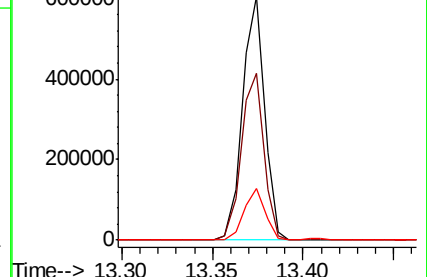
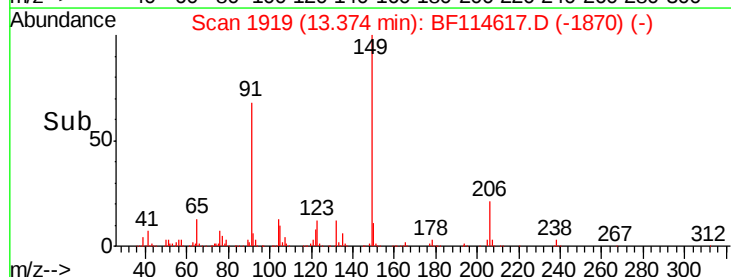
206 21.1 16.9 25.3

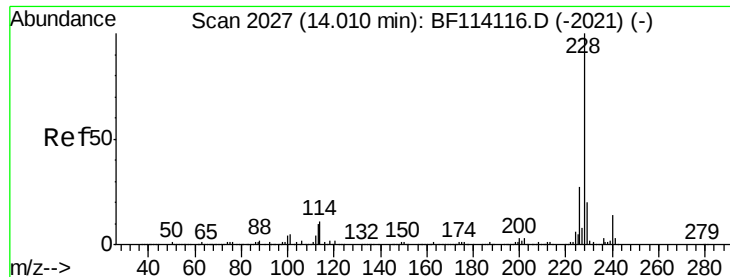


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.452 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

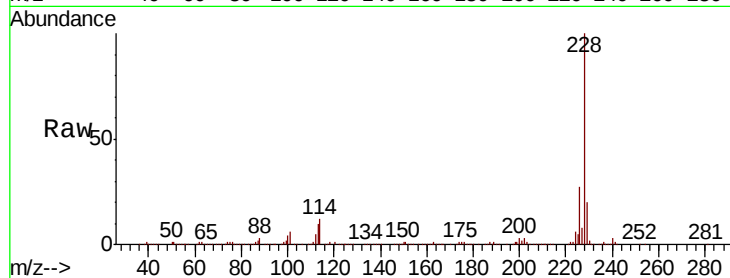
Tot Ion:228 Resp: 985866

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.2

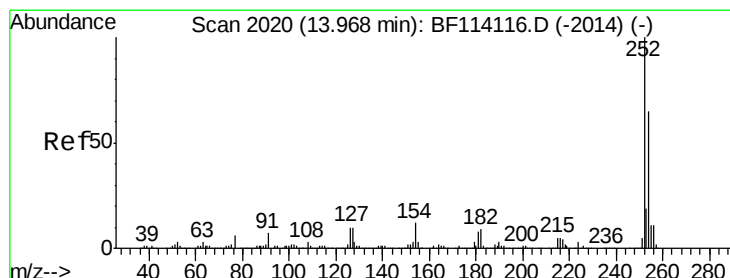
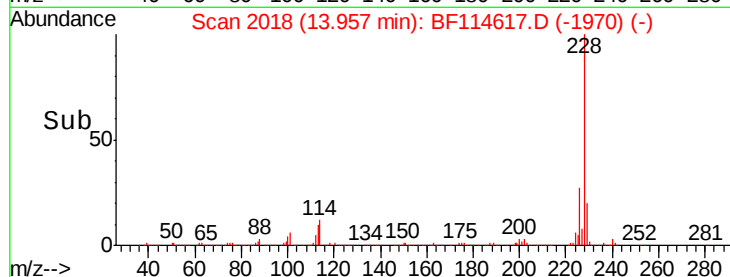
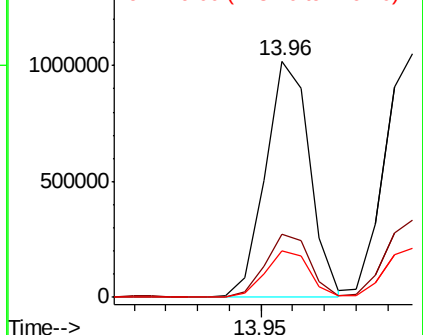
229 19.9 16.4 24.6



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



#82

3,3'-Dichlorobenzidine

Concen: 32.538 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

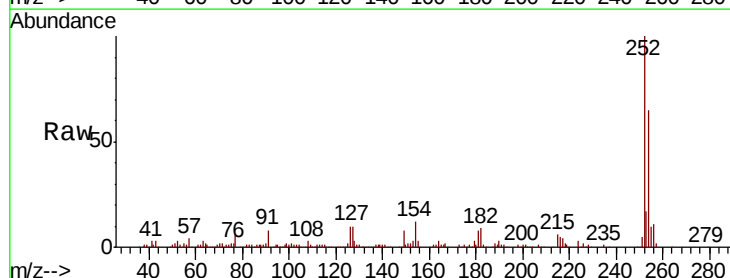
Tgt Ion:252 Resp: 286378

Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

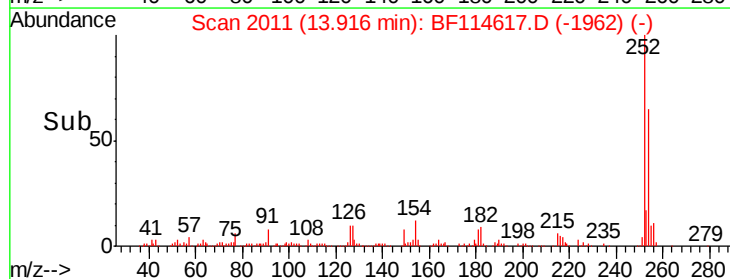
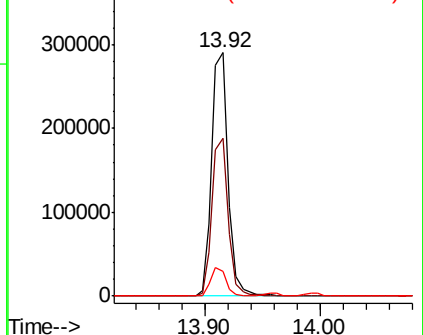
126 10.1 7.9 11.9

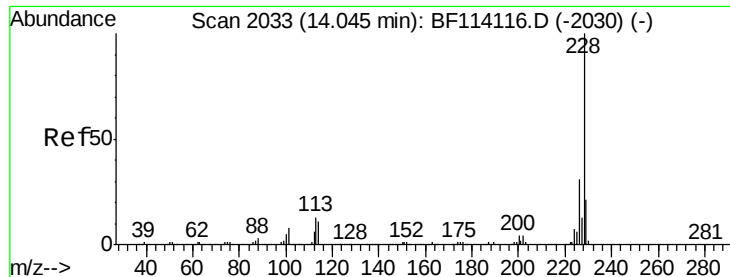


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.280 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

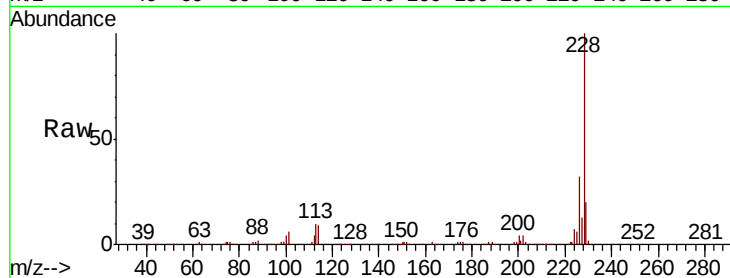
Tot Ion:228 Resp: 984835

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

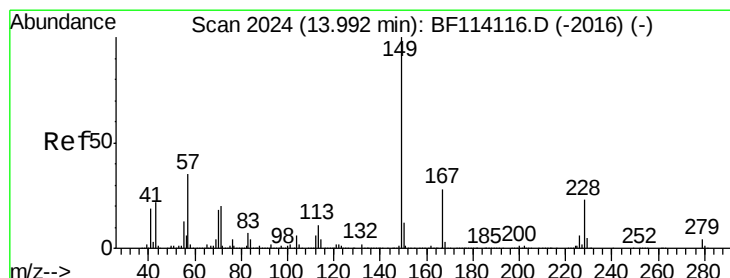
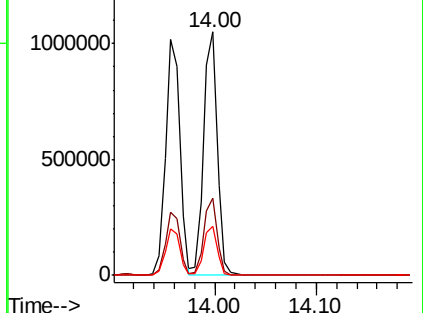
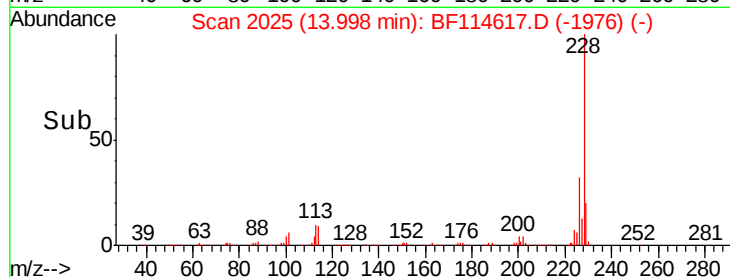
229 20.1 17.0 25.6



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: 44.356 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

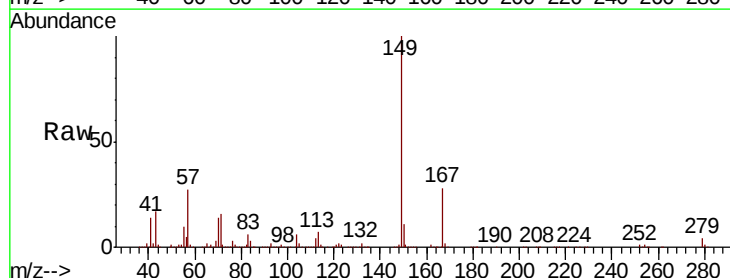
Tgt Ion:149 Resp: 689030

Ion Ratio Lower Upper

149 100

167 27.5 22.6 33.8

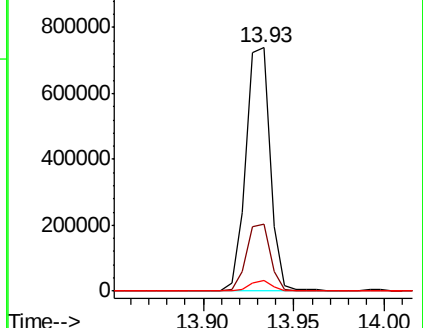
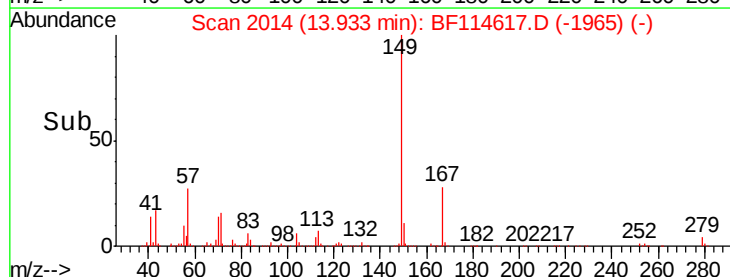
279 4.3 3.0 4.6

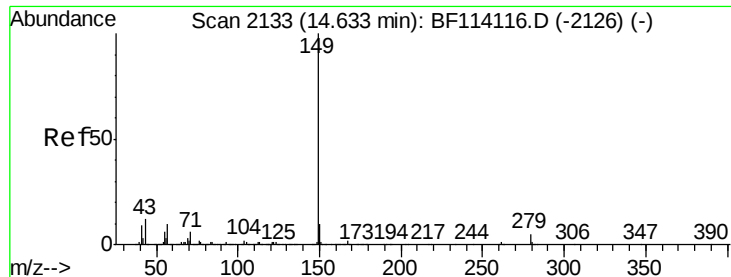


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.736 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

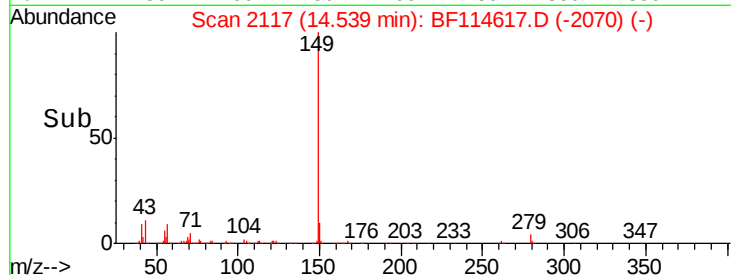
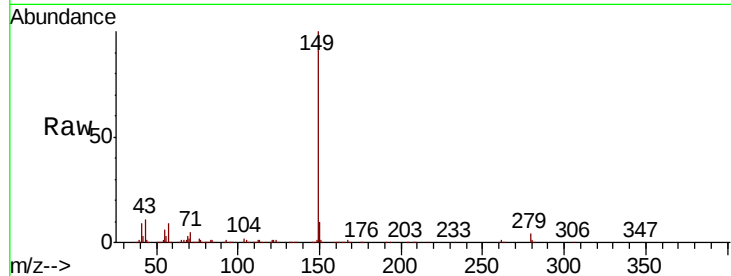
Tot Ion:149 Resp: 1151725

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

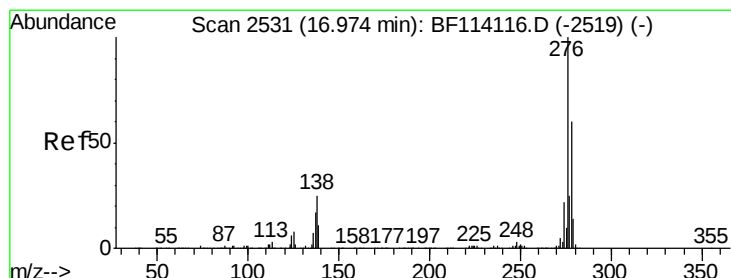
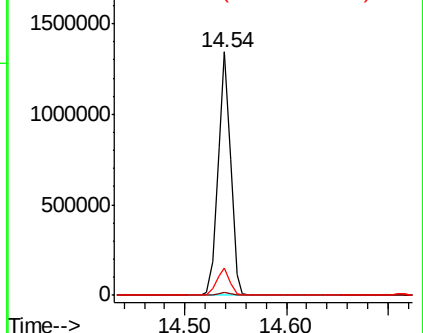
43 11.6 10.1 15.1



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: 46.319 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

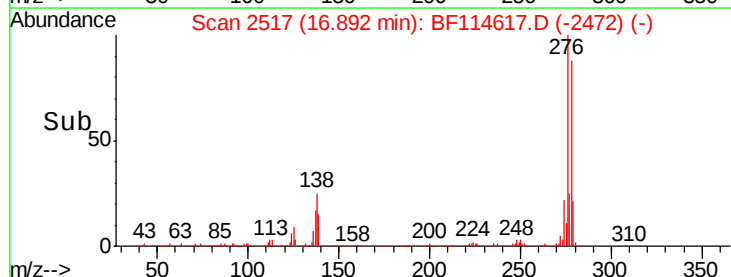
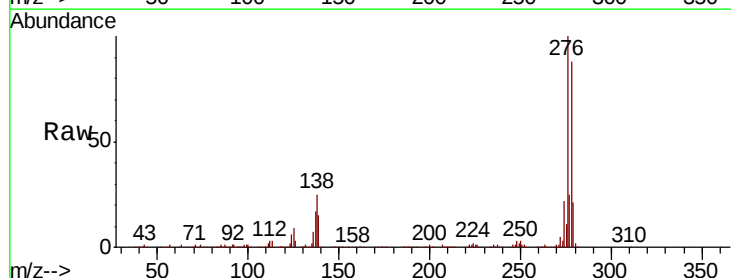
Tgt Ion:276 Resp: 910460

Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.2

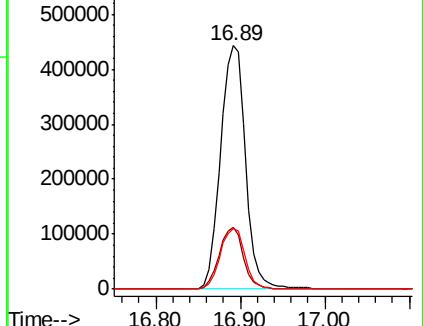
277 25.0 20.0 30.0

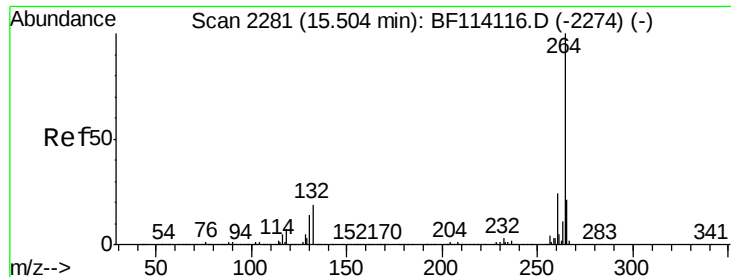


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

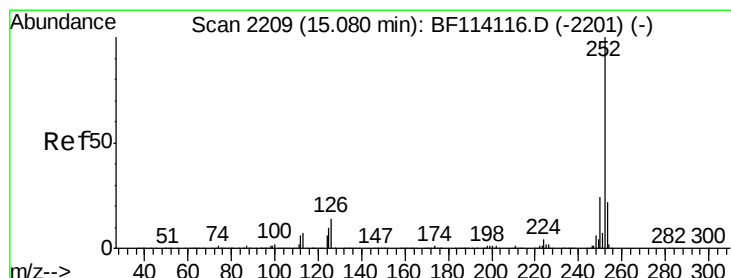
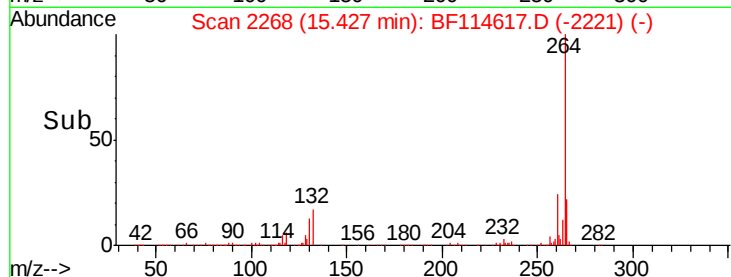
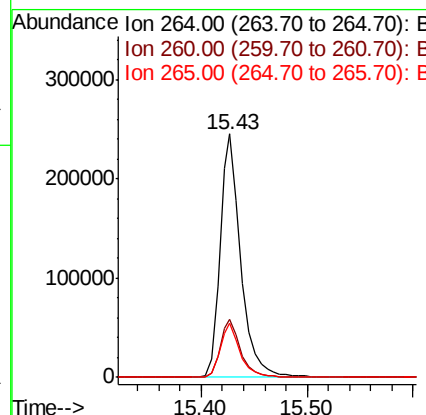
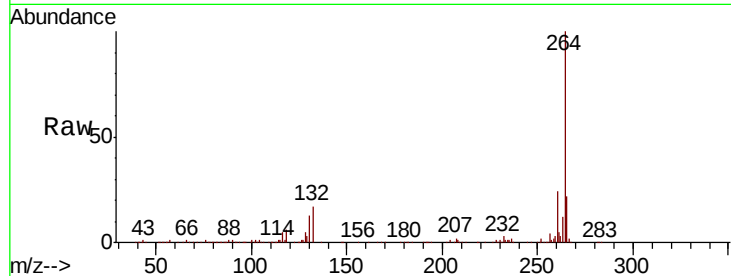




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

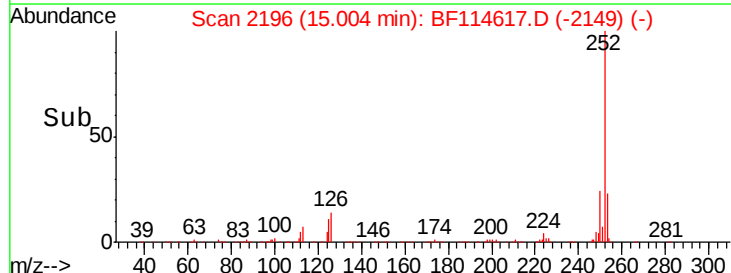
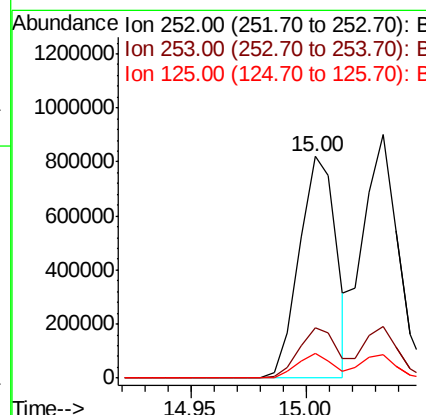
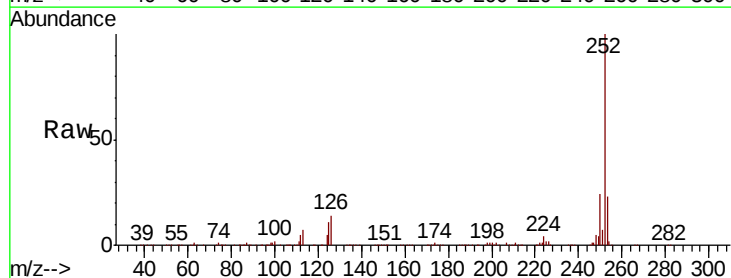
Instrument :
BNA_F
ClientSampleId :
PB119929BS

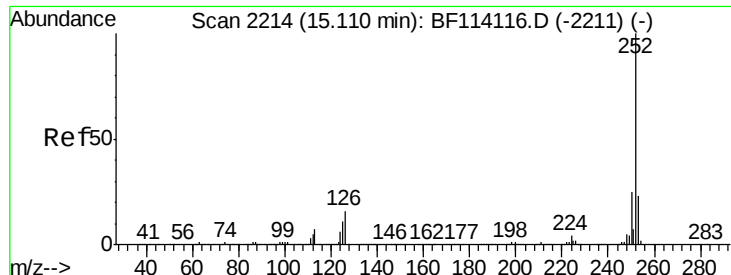
Tot Ion:264 Resp: 335688
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.0
265 22.4 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 42.591 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:252 Resp: 915970
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.9 8.3 12.5

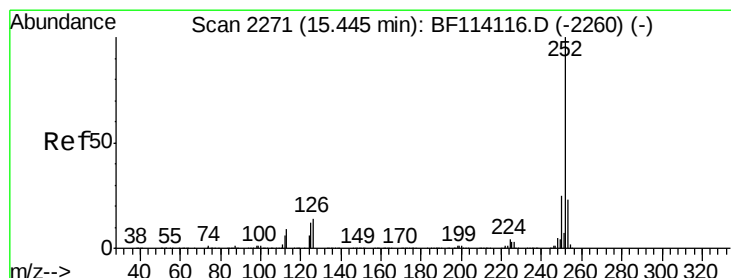
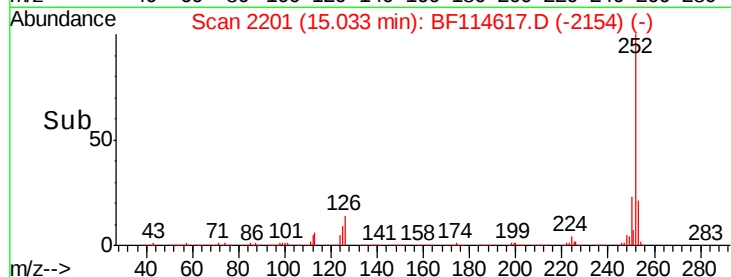
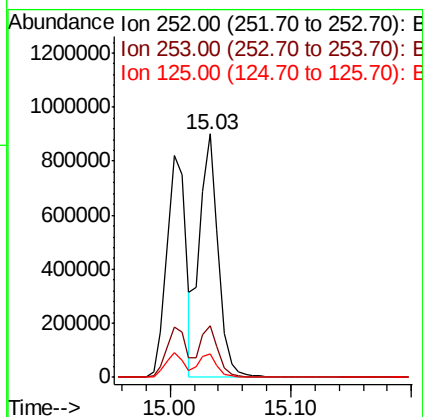
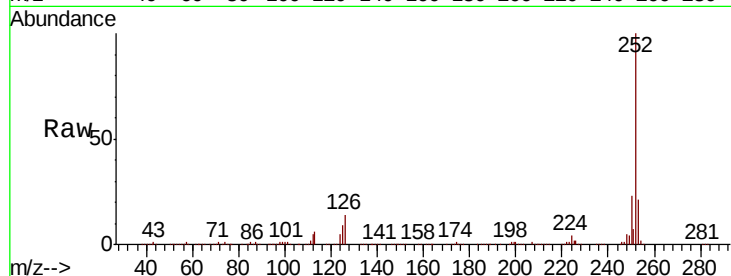




#89
Benzo(k)fluoranthene
Concen: 48.824 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

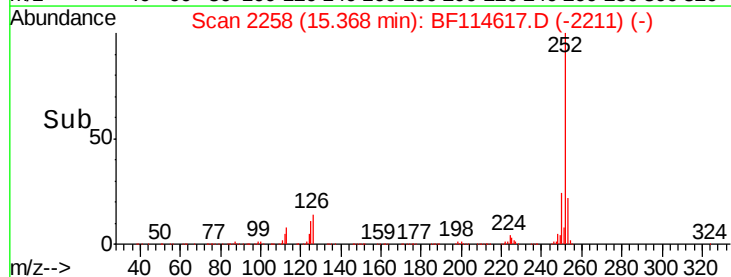
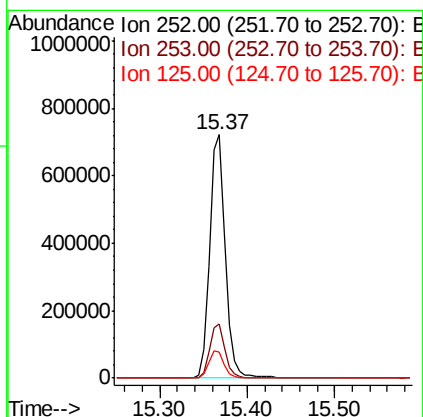
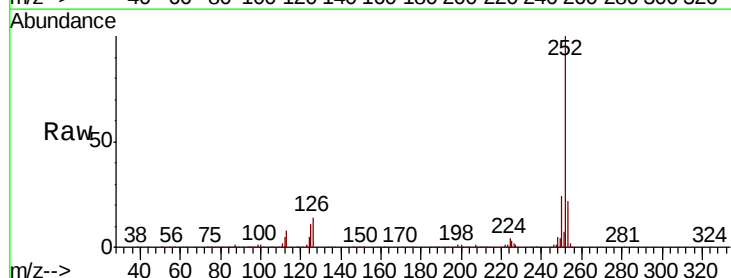
Instrument :
BNA_F
ClientSampleId :
PB119929BS

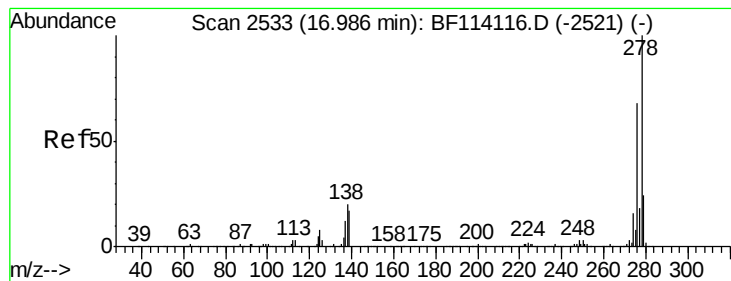
Tot Ion:252 Resp: 964534
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 9.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 47.309 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114617.D
Acq: 25 May 2019 21:08

Tgt Ion:252 Resp: 895423
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 48.227 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

Instrument :

BNA_F

ClientSampleId :

PB119929BS

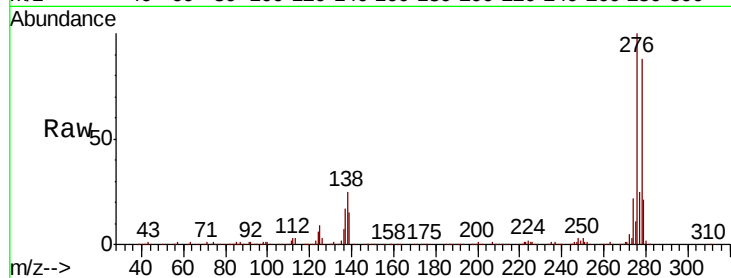
Tot Ion:278 Resp: 758489

Ion Ratio Lower Upper

278 100

139 16.6 13.5 20.3

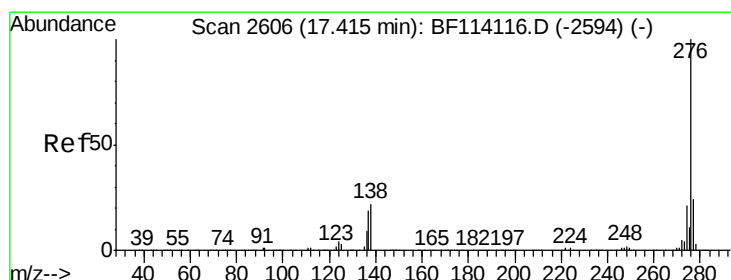
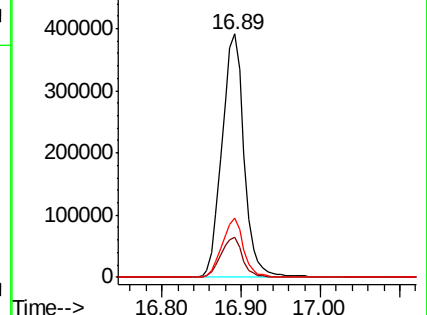
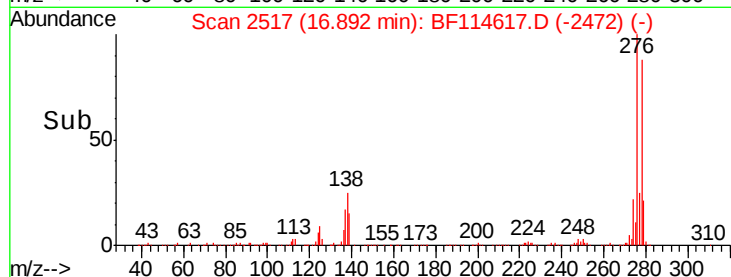
279 24.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.972 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.04 min

Lab File: BF114617.D

Acq: 25 May 2019 21:08

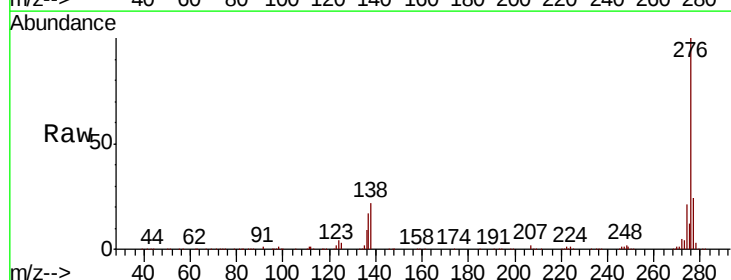
Tgt Ion:276 Resp: 787623

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 21.7 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

