

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114628.D
 Acq On : 26 May 2019 3:40
 Operator : JU/SJ
 Sample : PB120077BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Quant Time: May 27 01:25:19 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	135800	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	521886	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	246157	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	484909	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	359455	20.00	ng	-0.02
87) Perylene-d12	15.43	264	357681	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1107048	131.19	ng	0.00
7) Phenol-d6	6.45	99	1397445	140.02	ng	-0.01
23) Nitrobenzene-d5	7.37	82	837051	90.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	325708	127.99	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1505824	92.53	ng	-0.02
79) Terphenyl-d14	12.90	244	1563937	89.69	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	196667	42.400	ng	98
3) Pyridine	3.36	79	391008	30.596	ng	99
4) n-Nitrosodimethylamine	3.30	42	216342	35.105	ng	97
6) Aniline	6.47	93	414533	28.753	ng	# 61
8) 2-Chlorophenol	6.59	128	400089	44.411	ng	96
9) Benzaldehyde	6.36	77	192509	27.552	ng	99
10) Phenol	6.46	94	492035	41.908	ng	88
11) bis(2-Chloroethyl)ether	6.53	93	382421	42.903	ng	100
12) 1,3-Dichlorobenzene	6.74	146	416545	41.192	ng	98
13) 1,4-Dichlorobenzene	6.82	146	431643	42.359	ng	99
14) 1,2-Dichlorobenzene	6.97	146	393531	42.271	ng	99
15) Benzyl Alcohol	6.95	79	313434	40.265	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	677291	39.188	ng	60
17) 2-Methylphenol	7.07	107	316559	42.777	ng	# 90
18) Hexachloroethane	7.30	117	153602	40.158	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	268200	42.395	ng	99
20) 3+4-Methylphenols	7.22	107	410523	48.014	ng	# 73
22) Acetophenone	7.21	105	530036	45.845	ng	# 89
24) Nitrobenzene	7.39	77	421468	44.498	ng	96
25) Isophorone	7.62	82	740095	42.912	ng	99
26) 2-Nitrophenol	7.70	139	212513	46.246	ng	98
27) 2,4-Dimethylphenol	7.75	122	346540	48.016	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	471201	42.108	ng	98
29) 2,4-Dichlorophenol	7.96	162	332087	46.209	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	347595	42.534	ng	99
31) Naphthalene	8.10	128	1121152	45.990	ng	99
32) Benzoic acid	7.90	122	176433	36.291	ng	94
33) 4-Chloroaniline	8.16	127	311566	28.046	ng	97
34) Hexachlorobutadiene	8.22	225	193339	41.580	ng	99
35) Caprolactam	8.53	113	57096	24.365	ng	100
36) 4-Chloro-3-methylphenol	8.66	107	346482	47.897	ng	99
37) 2-Methylnaphthalene	8.80	142	750030	47.686	ng	98
38) 1-Methylnaphthalene	8.90	142	707479	47.764	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	344126	46.150	ng	99

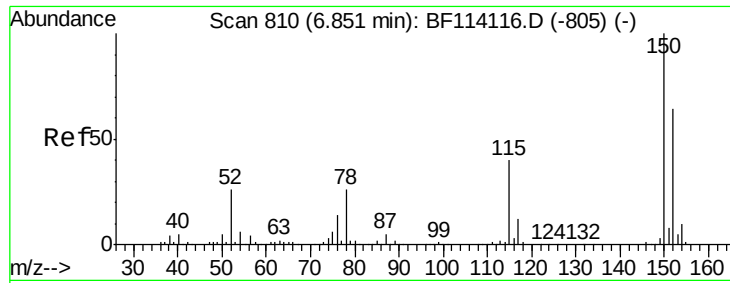
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	144551	43.685	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	205656	40.098	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	209790	39.885	ng	94
46) 1,1'-Biphenyl	9.26	154	921491	46.338	ng	97
47) 2-Chloronaphthalene	9.29	162	695734	43.472	ng	98
48) 2-Nitroaniline	9.39	65	236879	41.735	ng	94
49) Acenaphthylene	9.70	152	1098569	45.132	ng	98
50) Dimethylphthalate	9.56	163	776551	42.974	ng	99
51) 2,6-Dinitrotoluene	9.63	165	175770	43.855	ng	97
52) Acenaphthene	9.87	154	649364	43.474	ng	99
53) 3-Nitroaniline	9.80	138	139347	28.008	ng	97
54) 2,4-Dinitrophenol	9.93	184	125853	63.927	ng	94
55) Dibenzofuran	10.05	168	938778	42.861	ng	99
56) 4-Nitrophenol	9.99	139	166846	47.420	ng	94
57) 2,4-Dinitrotoluene	10.05	165	218870	40.234	ng	# 78
58) Fluorene	10.39	166	770383	45.536	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	179753	39.607	ng	99
60) Diethylphthalate	10.26	149	780890	42.531	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	369154	44.427	ng	98
62) 4-Nitroaniline	10.42	138	188871	36.126	ng	96
63) Azobenzene	10.53	77	752969	42.368	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	97145	41.692	ng	98
66) n-Nitrosodiphenylamine	10.50	169	676705	45.981	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	226240	42.374	ng	96
68) Hexachlorobenzene	10.95	284	243297	41.192	ng	92
69) Atrazine	11.02	200	195876	42.769	ng	98
70) Pentachlorophenol	11.15	266	146939	52.480	ng	98
71) Phenanthrene	11.35	178	1090117	46.208	ng	97
72) Anthracene	11.40	178	1125992	47.519	ng	99
73) Carbazole	11.56	167	1055864	46.728	ng	98
74) Di-n-butylphthalate	11.87	149	1202002	46.173	ng	100
75) Fluoranthene	12.54	202	1190810	46.873	ng	99
77) Benzidine	12.66	184	612318	37.949	ng	98
78) Pyrene	12.77	202	1218265	42.131	ng	99
80) Butylbenzylphthalate	13.37	149	539389	44.317	ng	97
81) Benzo(a)anthracene	13.96	228	1024720	44.075	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	290955	32.260	ng	100
83) Chrysene	14.00	228	1015285	44.548	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	729145	45.805	ng	98
85) Di-n-octyl phthalate	14.54	149	1202358	46.595	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	949997	47.164	ng	99
88) Benzo(b)fluoranthene	15.00	252	1045261	45.615	ng	100
89) Benzo(k)fluoranthene	15.03	252	903648	42.929	ng	98
90) Benzo(a)pyrene	15.37	252	929276	46.079	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	788500	47.052	ng	100
92) Benzo(g,h,i)perylene	17.33	276	809586	48.207	ng	97

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

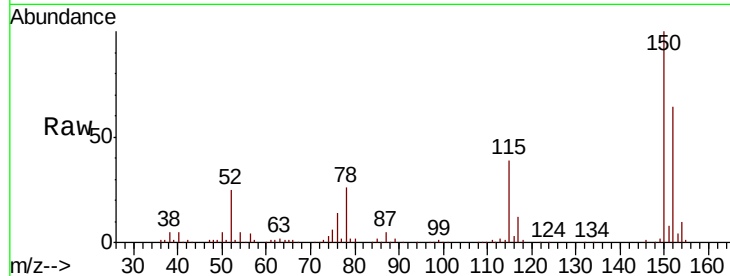


#1

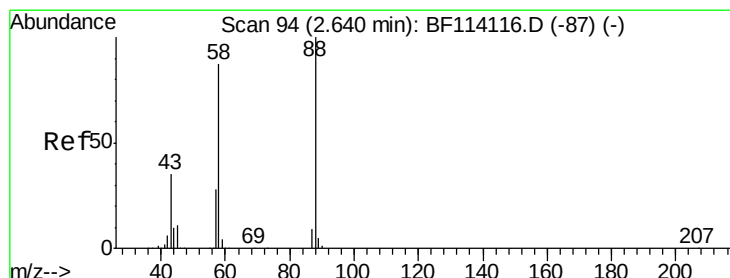
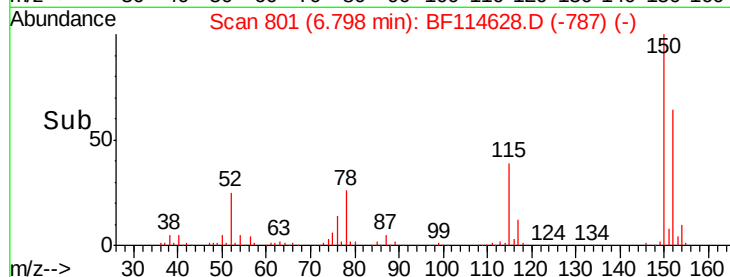
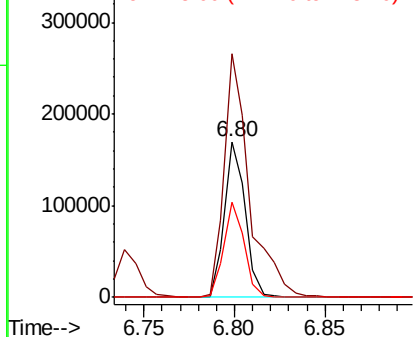
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion:152 Resp: 135800
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 61.6 49.1 73.7



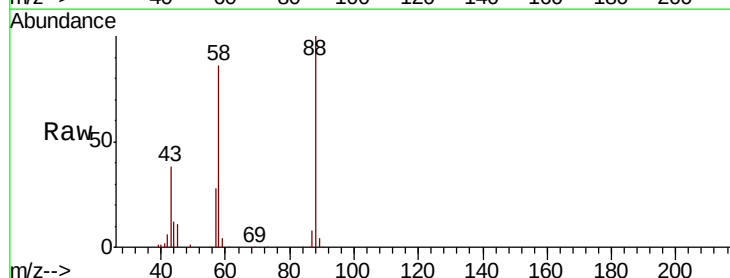
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



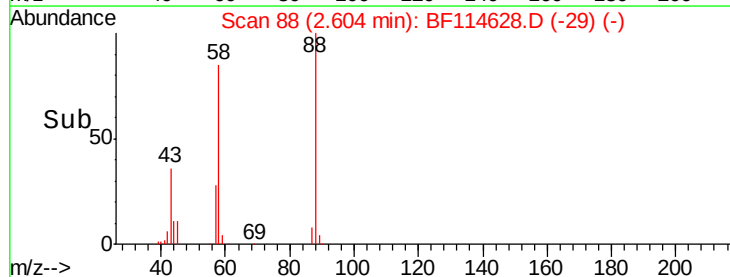
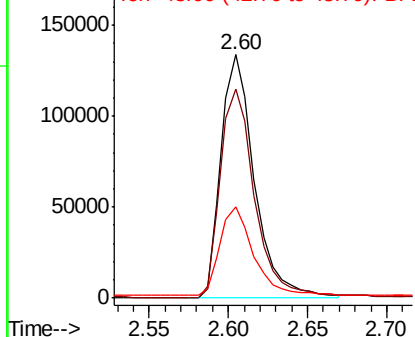
#2

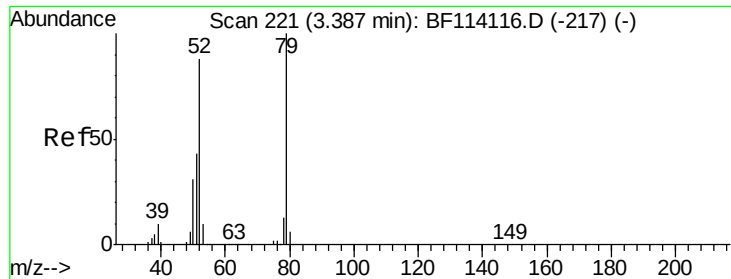
1,4-Dioxane
Concen: 42.400 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.05 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion: 88 Resp: 196667
Ion Ratio Lower Upper
88 100
58 88.4 68.7 103.1
43 36.3 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: 30.596 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

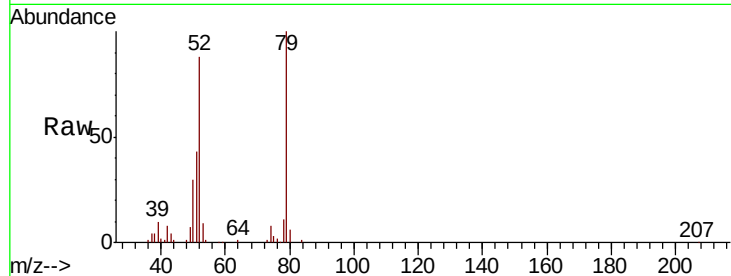
Tot Ion: 79 Resp: 391008

Ion Ratio Lower Upper

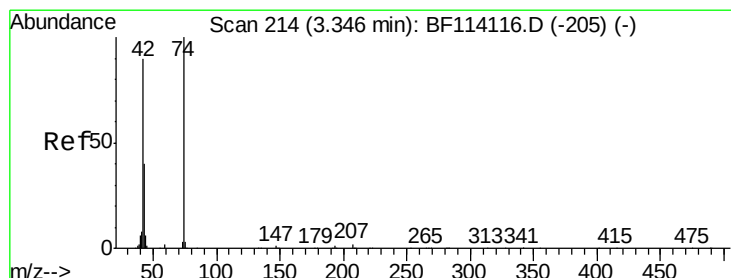
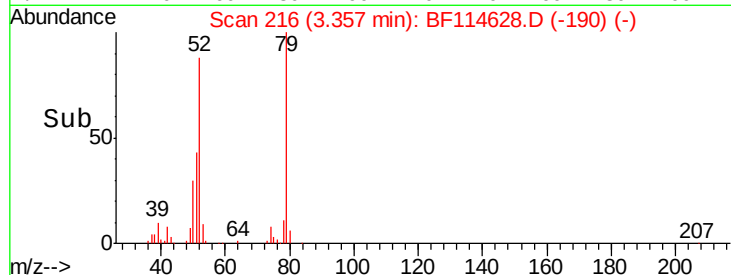
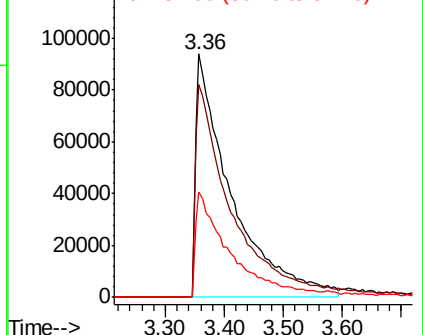
79 100

52 87.6 70.6 105.8

51 43.0 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: 35.105 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.04 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

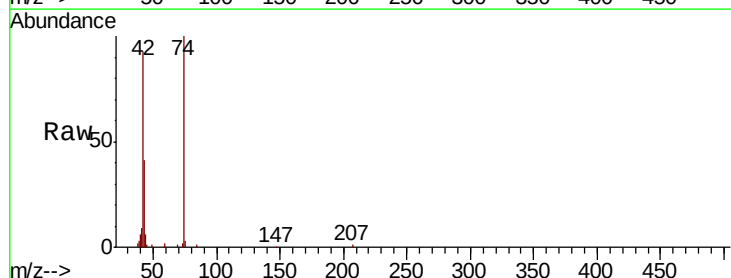
Tgt Ion: 42 Resp: 216342

Ion Ratio Lower Upper

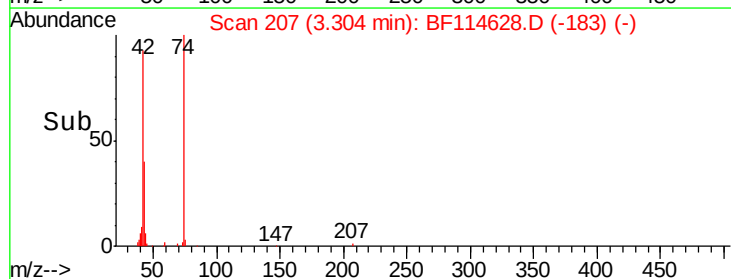
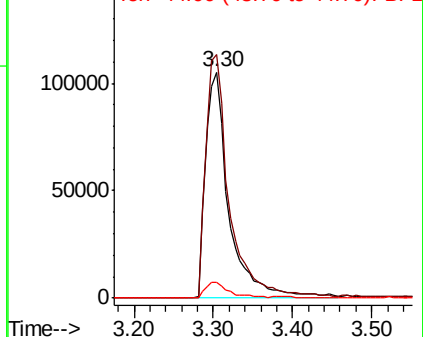
42 100

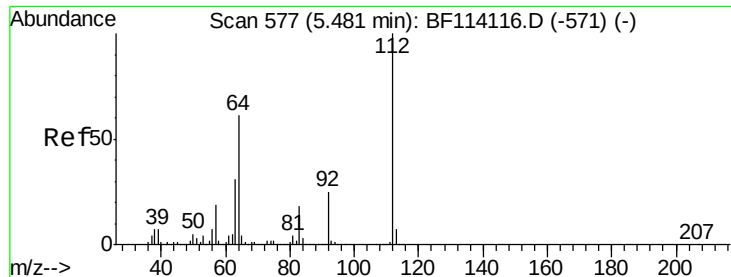
74 107.9 88.6 132.8

44 6.7 5.5 8.3



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





#5

2-Fluorophenol

Concen: 131.188 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

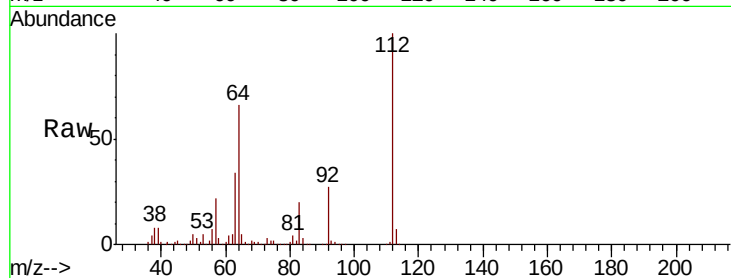
Tot Ion:112 Resp: 1107048

Ion Ratio Lower Upper

112 100

64 66.1 49.0 73.6

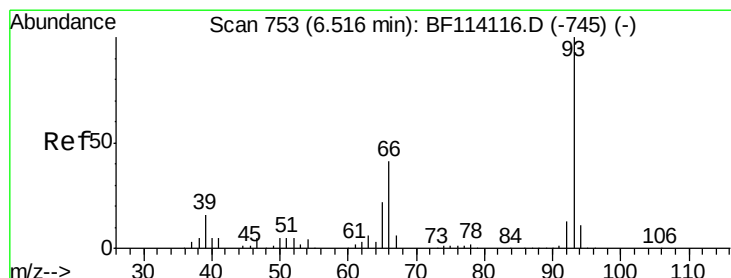
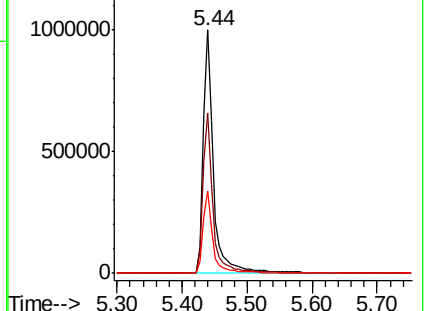
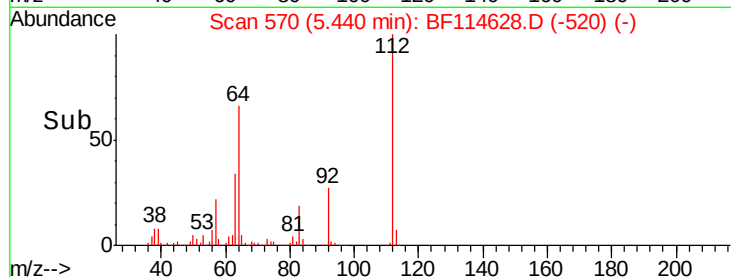
63 33.9 24.6 37.0



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: 28.753 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

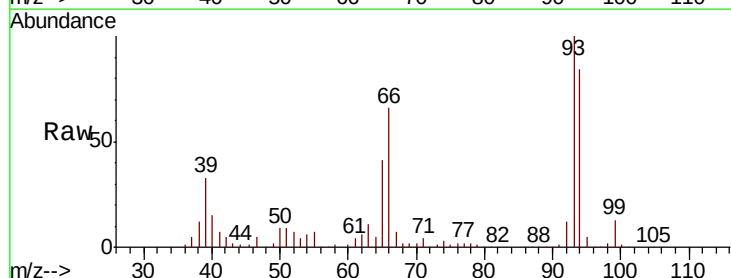
Tgt Ion: 93 Resp: 414533

Ion Ratio Lower Upper

93 100

66 65.6 33.2 49.8#

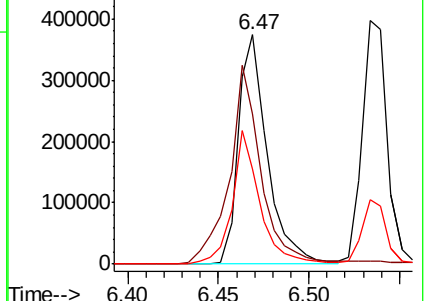
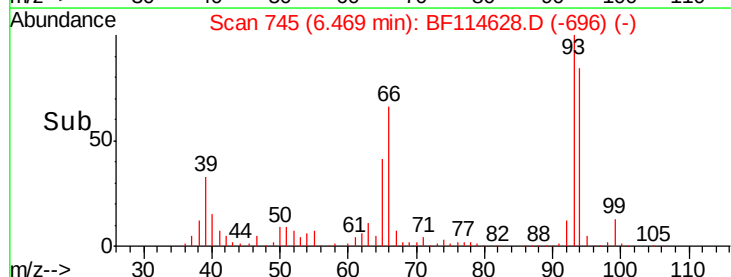
65 41.5 17.6 26.4#

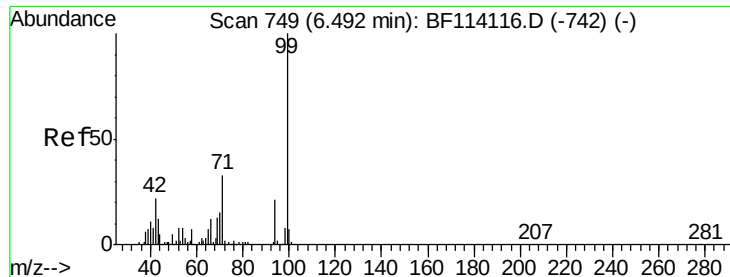


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 140.015 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

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ClientSampleId :

PB120077BS

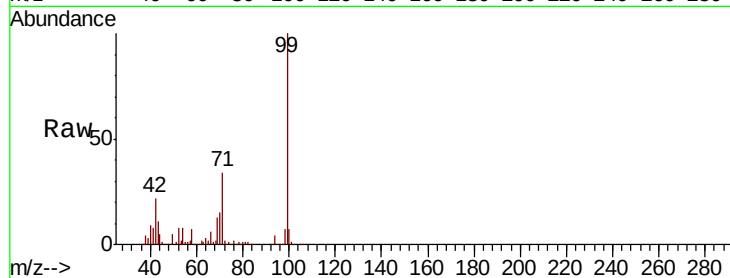
Tot Ion: 99 Resp: 1397445

Ion Ratio Lower Upper

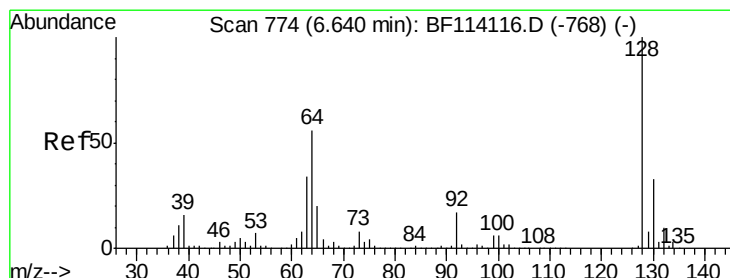
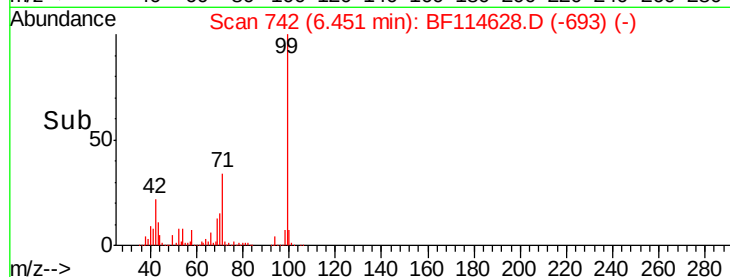
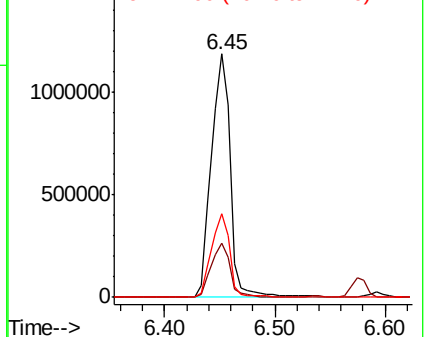
99 100

42 22.2 17.9 26.9

71 34.4 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.411 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

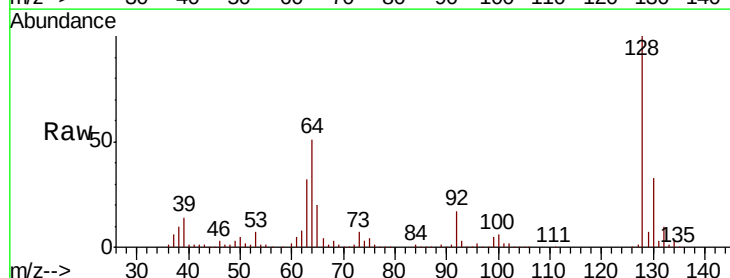
Tgt Ion: 128 Resp: 400089

Ion Ratio Lower Upper

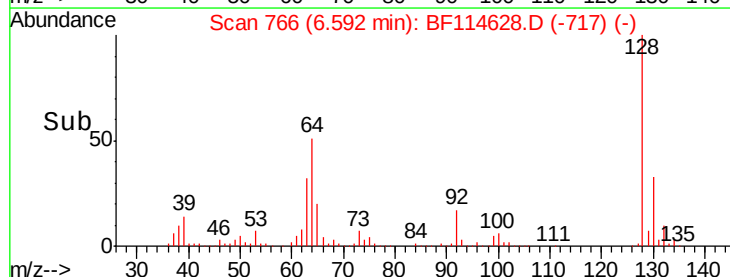
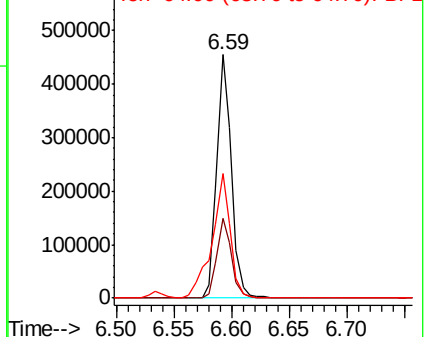
128 100

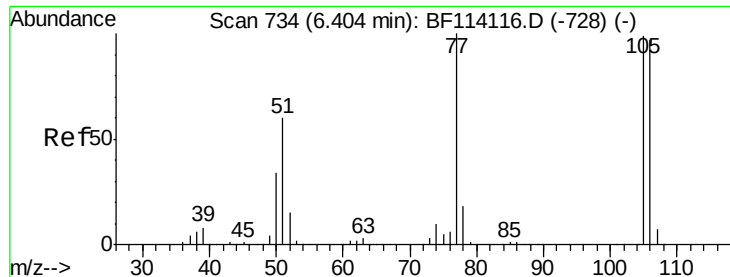
130 32.5 12.6 52.6

64 51.1 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: 27.552 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

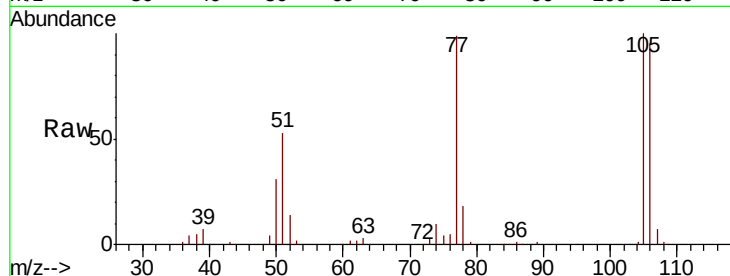
Tot Ion: 77 Resp: 192509

Ion Ratio Lower Upper

77 100

105 101.3 79.3 119.3

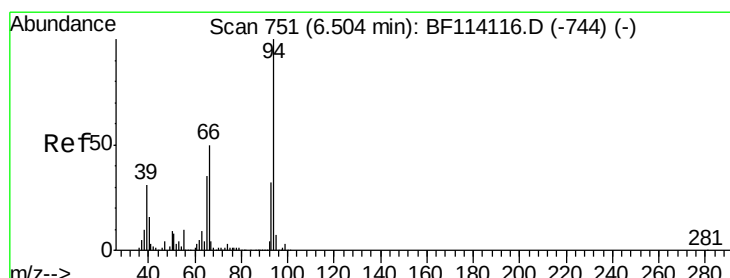
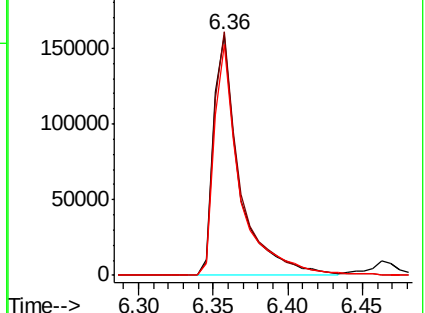
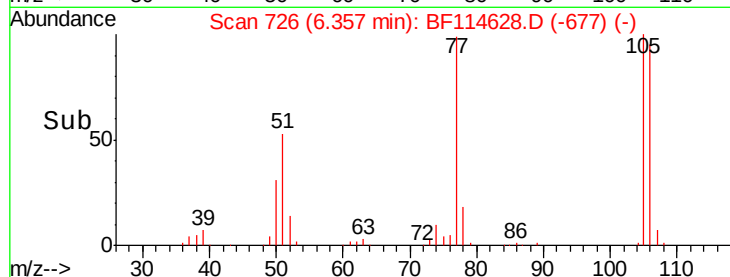
106 96.1 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.908 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

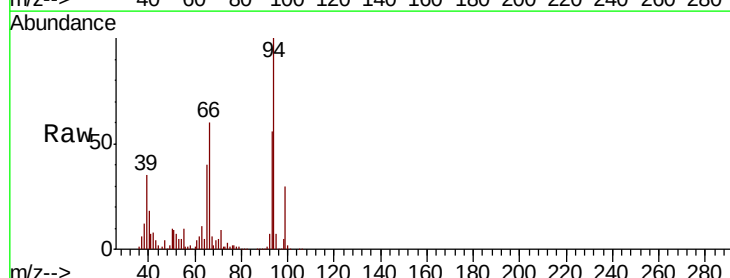
Tgt Ion: 94 Resp: 492035

Ion Ratio Lower Upper

94 100

65 39.9 14.7 54.7

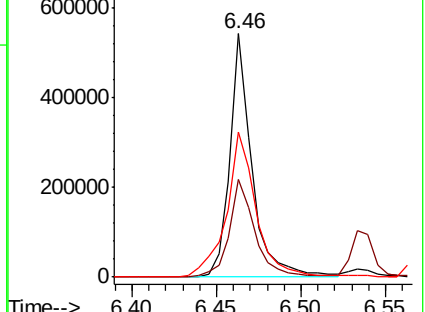
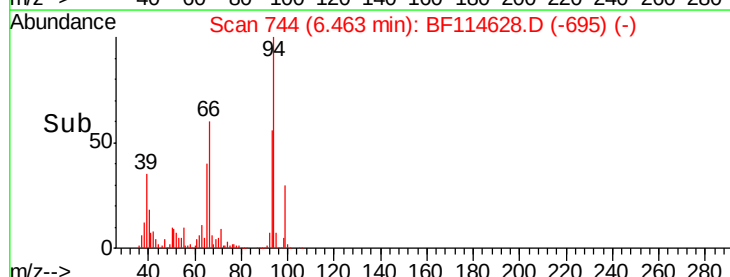
66 59.7 29.6 69.6

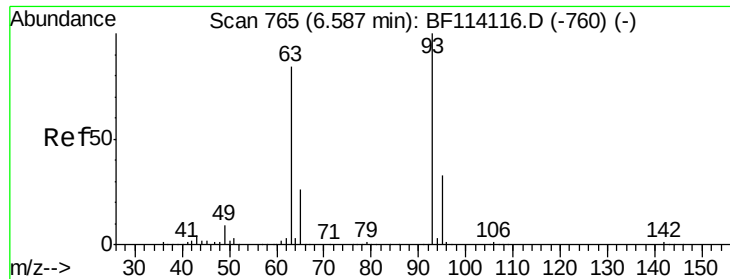


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

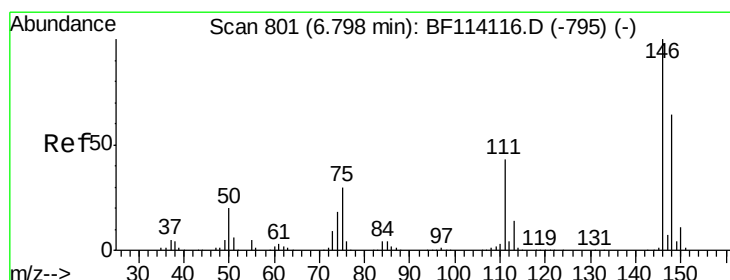
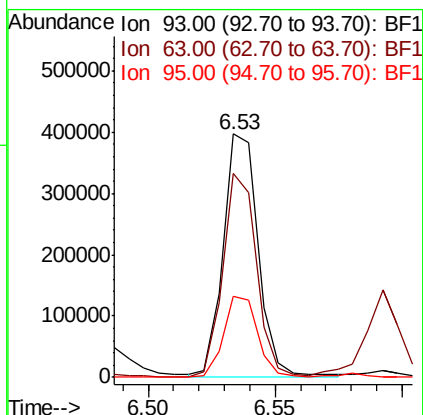
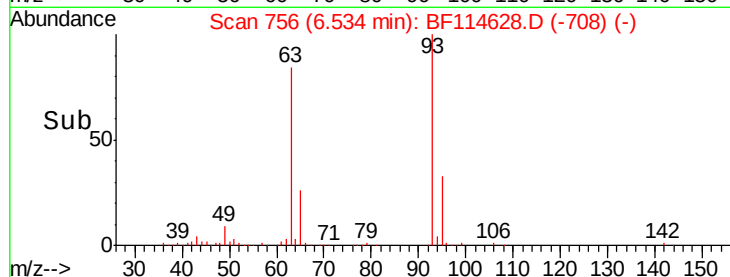
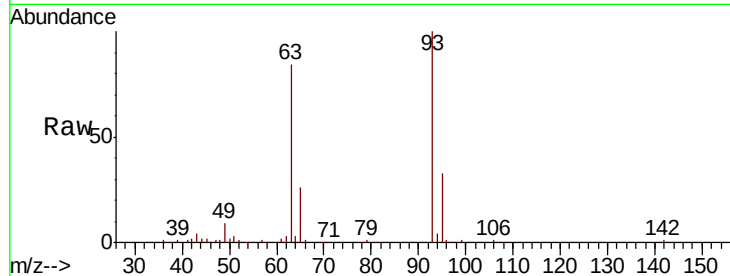




#11
 bis(2-Chloroethyl)ether
 Concen: 42.903 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

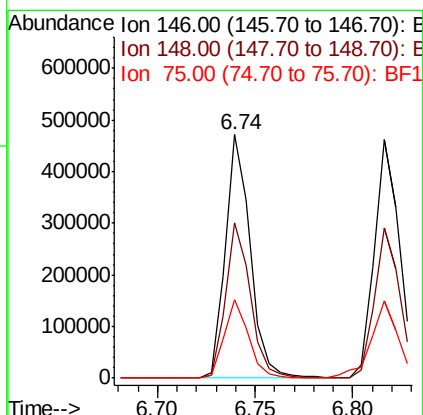
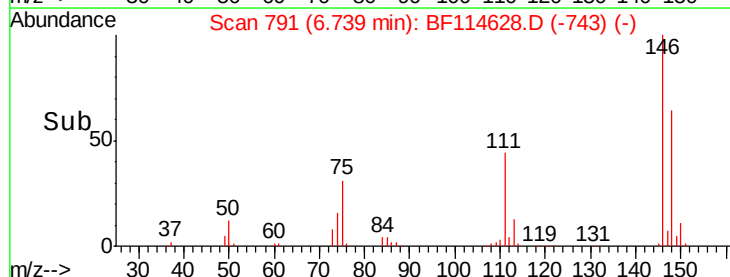
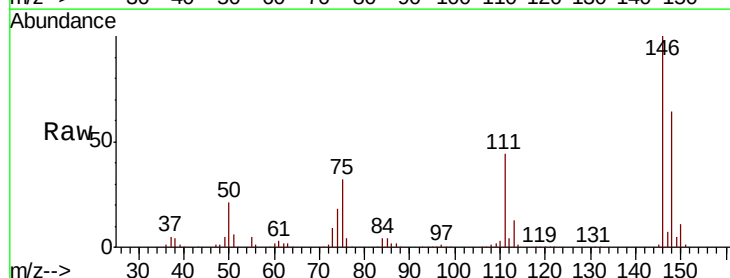
Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

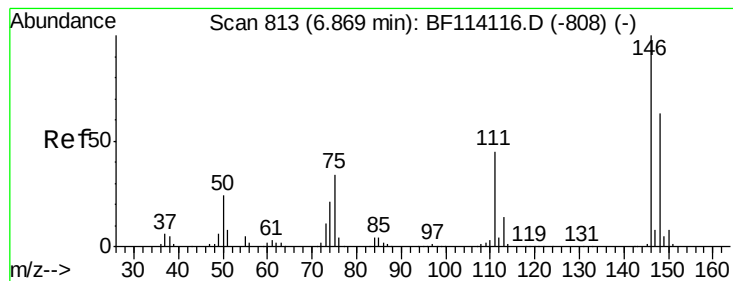
Tot Ion: 93 Resp: 382421
 Ion Ratio Lower Upper
 93 100
 63 83.7 63.6 103.6
 95 33.4 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 41.192 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion: 146 Resp: 416545
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 75 32.3 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 42.359 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

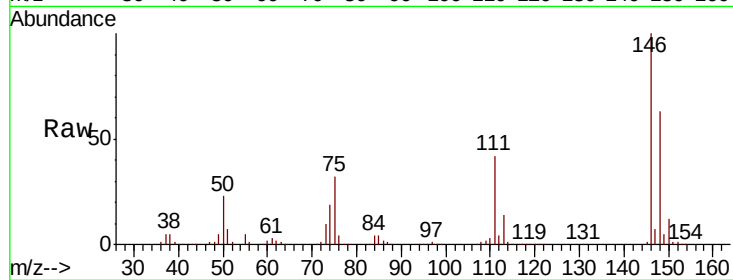
Tot Ion:146 Resp: 431643

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

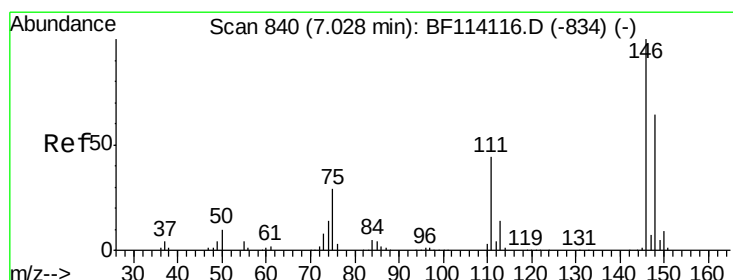
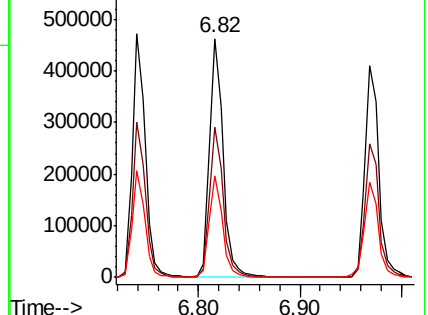
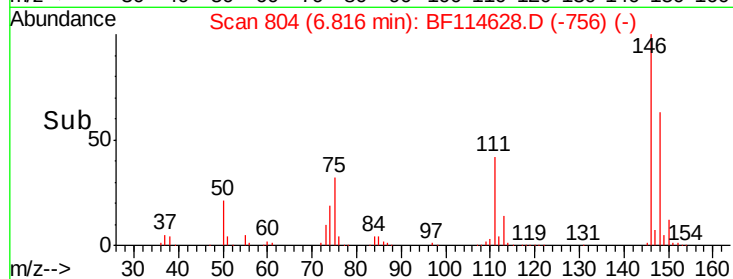
111 42.5 35.8 53.6



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: 42.271 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

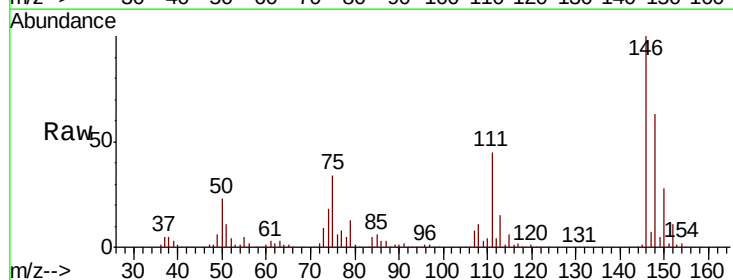
Tgt Ion:146 Resp: 393531

Ion Ratio Lower Upper

146 100

148 62.9 51.1 76.7

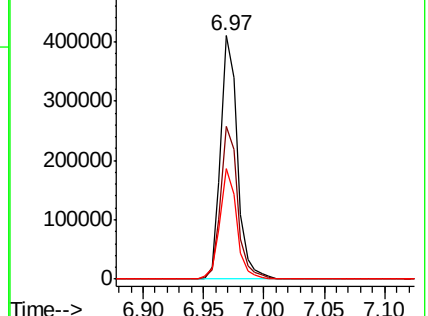
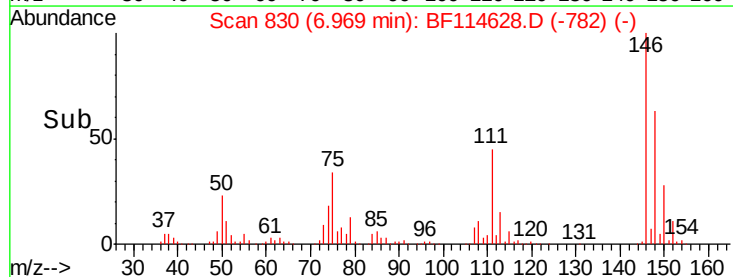
111 45.2 35.3 52.9

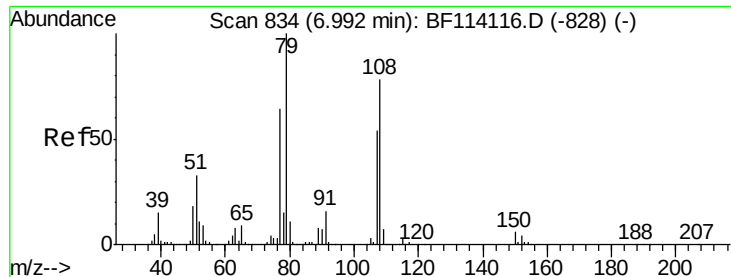


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.265 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

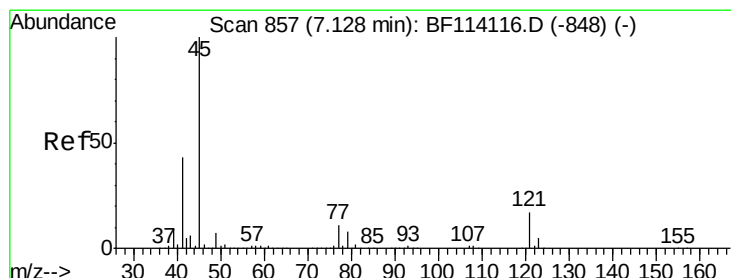
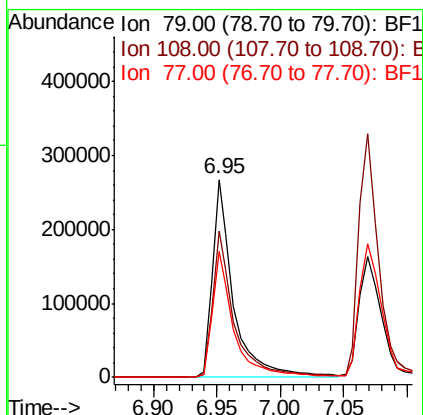
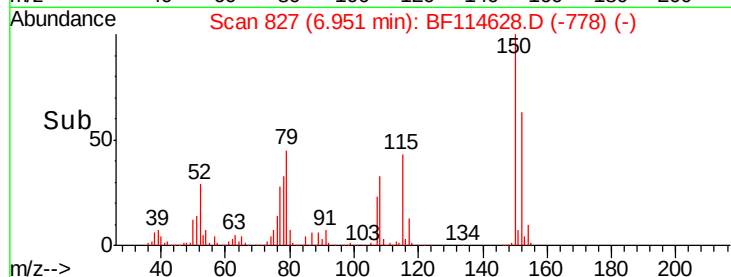
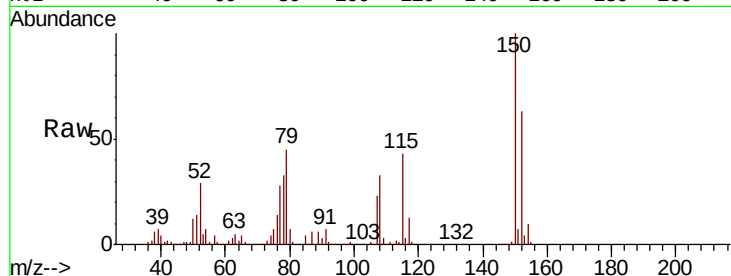
Tot Ion: 79 Resp: 313434

Ion Ratio Lower Upper

79 100

108 74.3 62.1 93.1

77 63.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.188 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

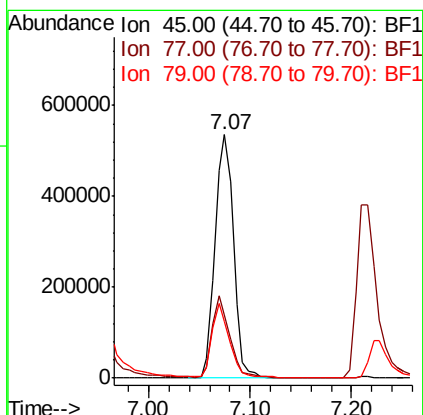
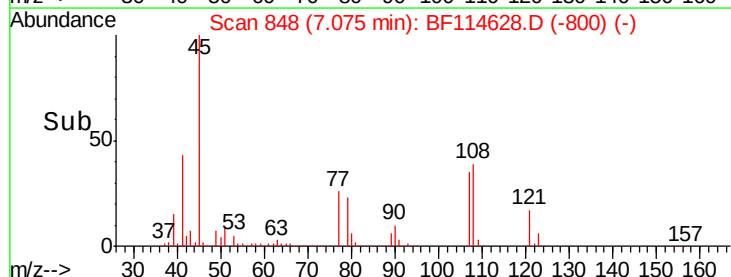
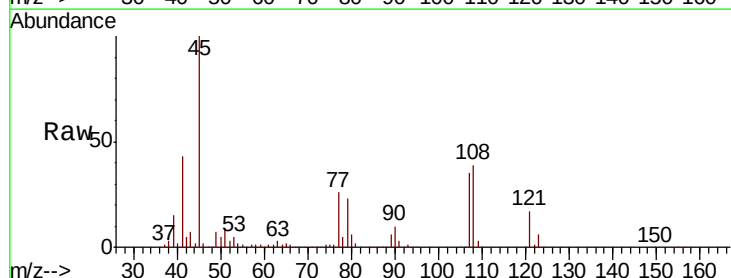
Tgt Ion: 45 Resp: 677291

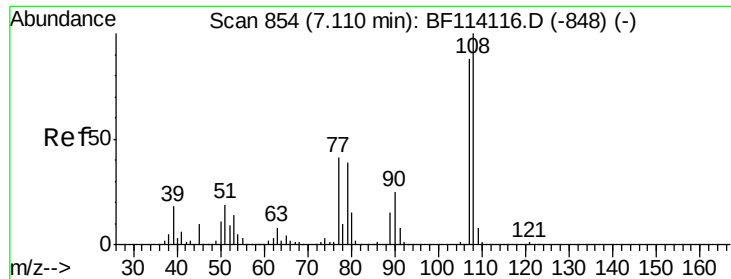
Ion Ratio Lower Upper

45 100

77 26.1 0.0 31.1

79 23.1 0.0 28.4

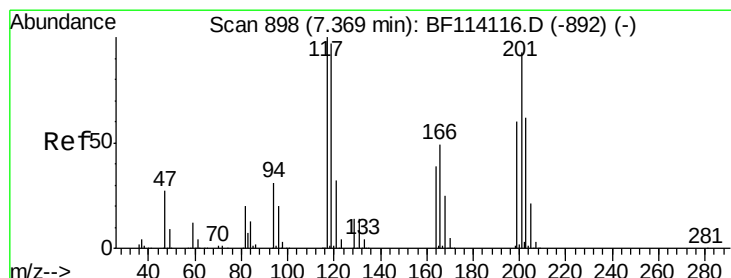
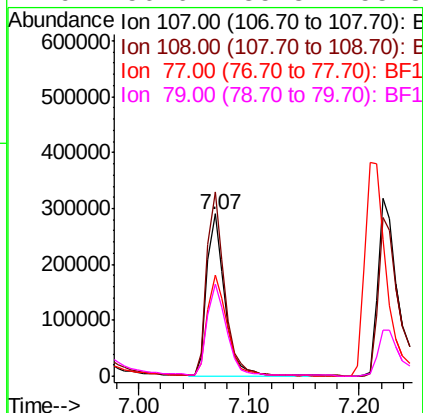
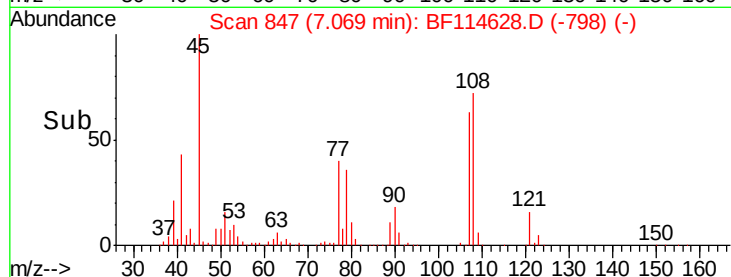
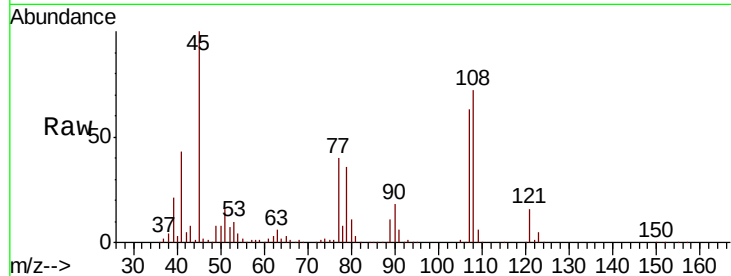




#17
2-Methylphenol
Concen: 42.777 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

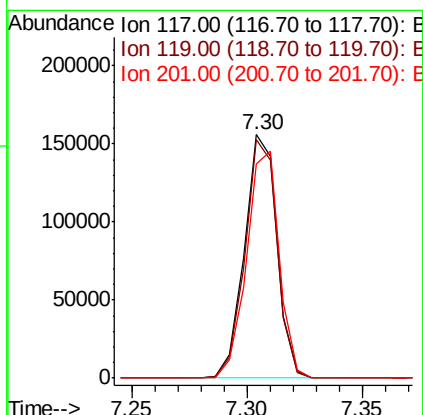
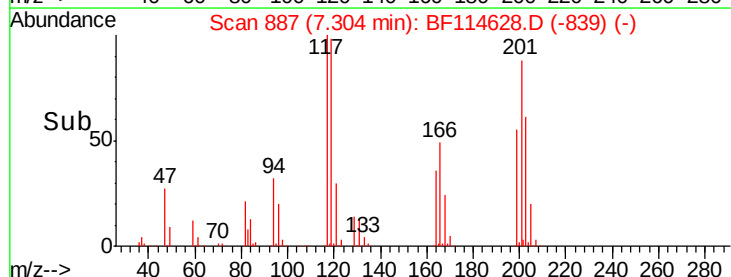
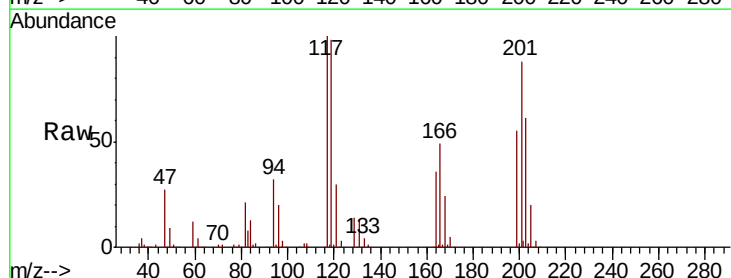
Instrument :
BNA_F
ClientSampleId :
PB120077BS

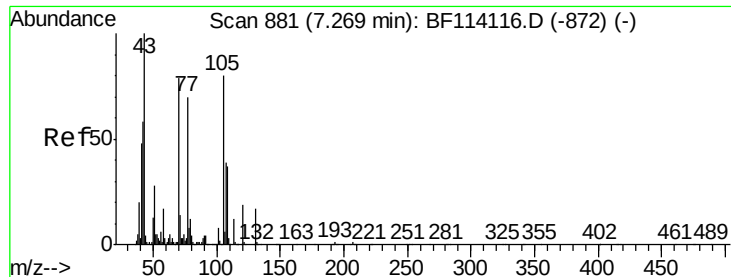
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.5	135.7
77	62.4	37.0	55.4
79	56.6	35.8	53.8



#18
Hexachloroethane
Concen: 40.158 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.2
201	87.9	74.5	111.7

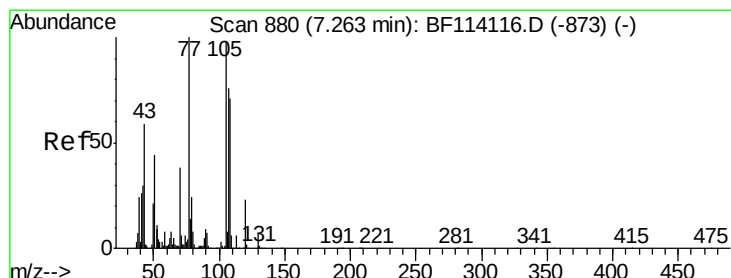
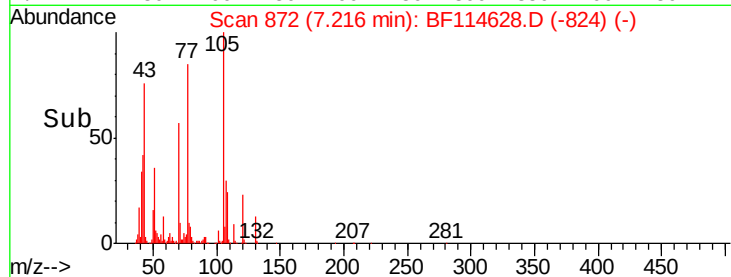
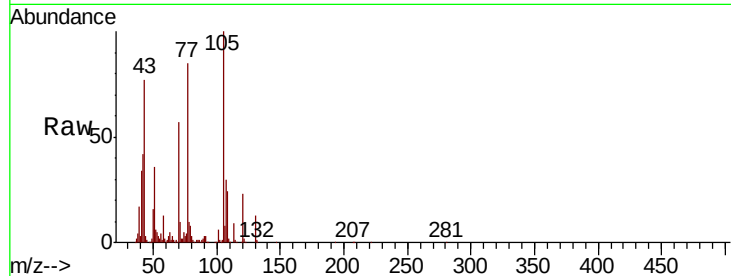
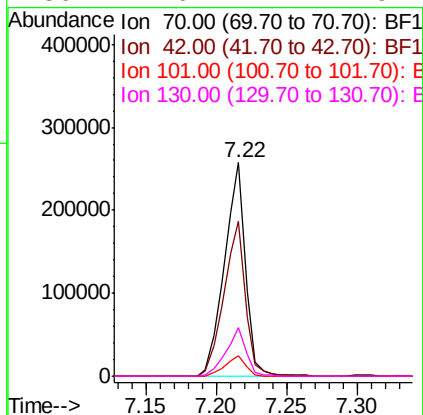




#19
n-Nitroso-di-n-propylamine
Concen: 42.395 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

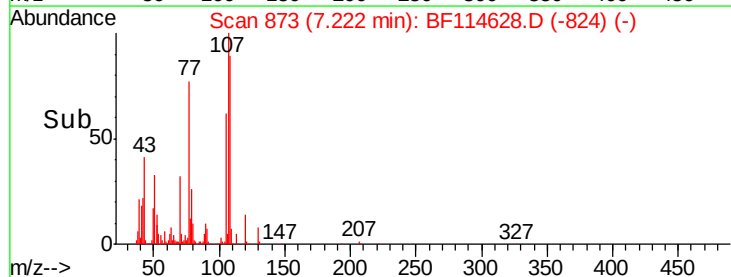
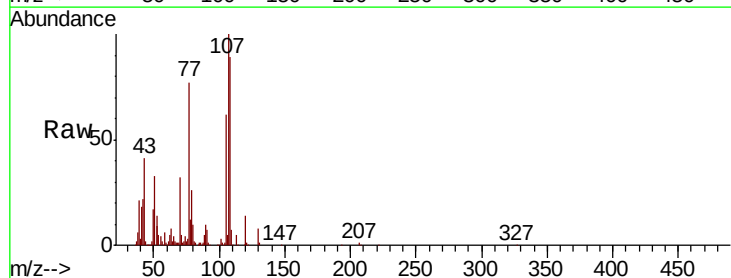
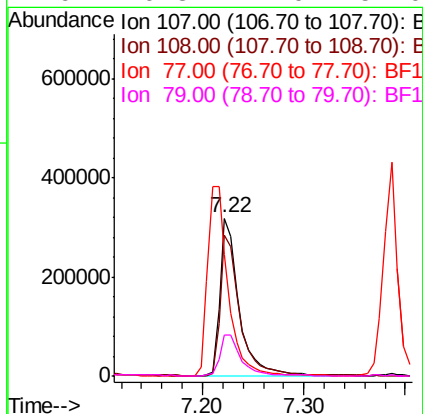
Instrument :
BNA_F
ClientSampleId :
PB120077BS

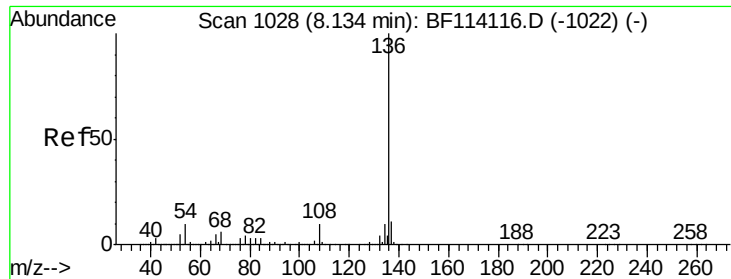
Tot Ion:	70	Resp:	268200
Ion	Ratio	Lower	Upper
70	100		
42	72.8	58.6	87.8
101	9.9	7.8	11.8
130	22.6	17.1	25.7



#20
3+4-Methylphenols
Concen: 48.014 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:	107	Resp:	410523
Ion	Ratio	Lower	Upper
107	100		
108	89.2	73.8	113.8
77	77.4	111.5	151.5#
79	26.3	12.0	52.0

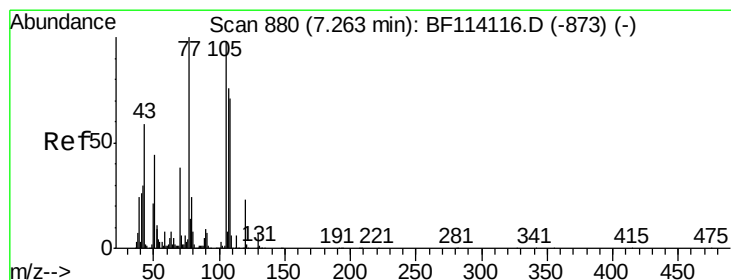
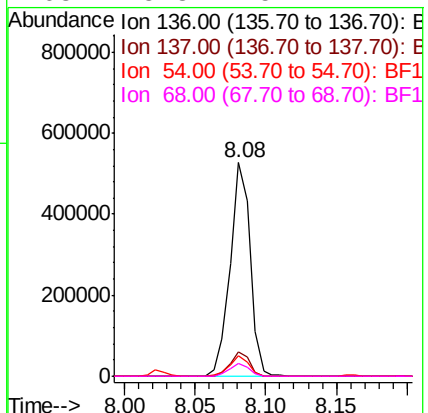
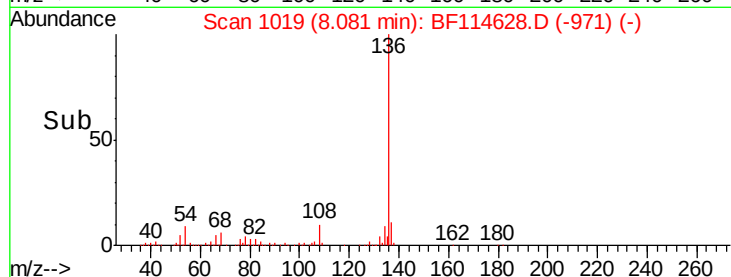
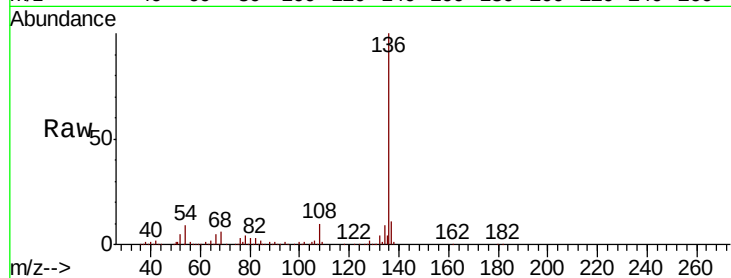




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

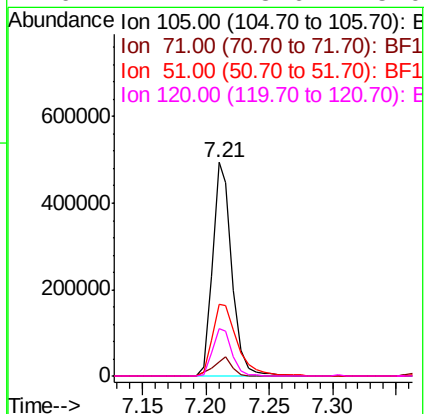
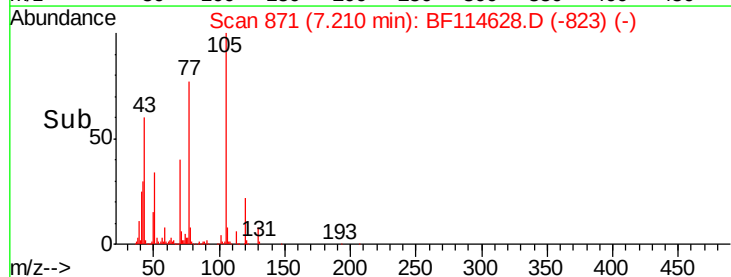
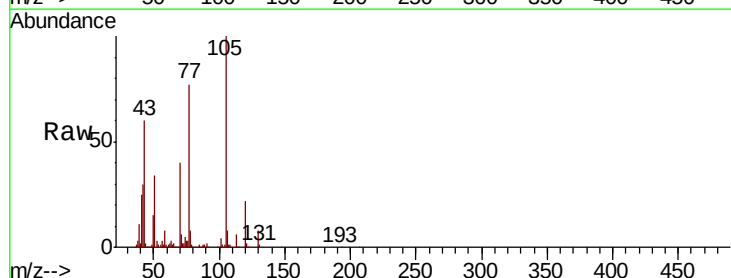
Instrument :
BNA_F
ClientSampleId :
PB120077BS

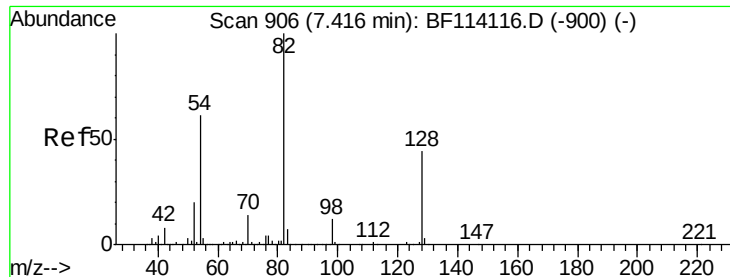
Tot Ion:136	Resp:	521886
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	9.5	7.8 11.8
68	5.8	5.1 7.7



#22
Acetophenone
Concen: 45.845 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:105	Resp:	530036
Ion Ratio	Lower	Upper
105	100	
71	6.5	5.3 7.9
51	33.7	36.2 54.4#
120	22.1	18.6 28.0

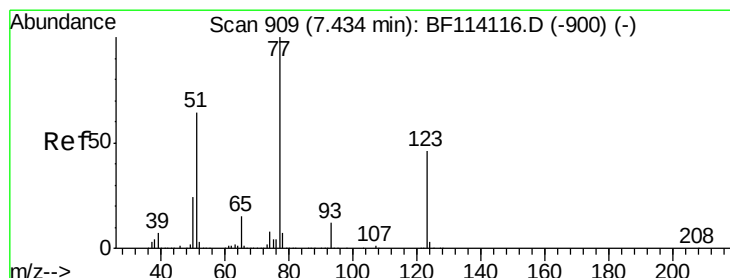
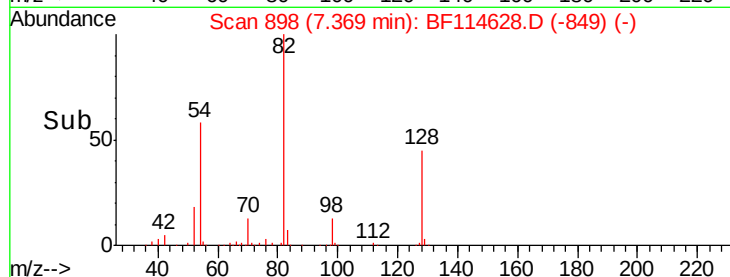
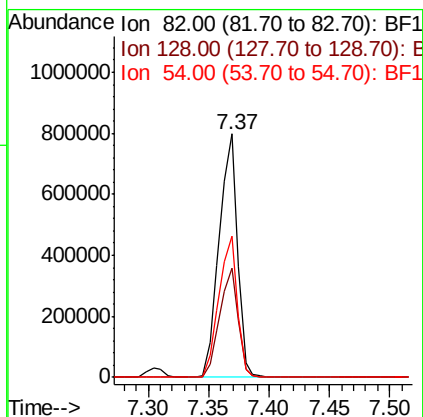
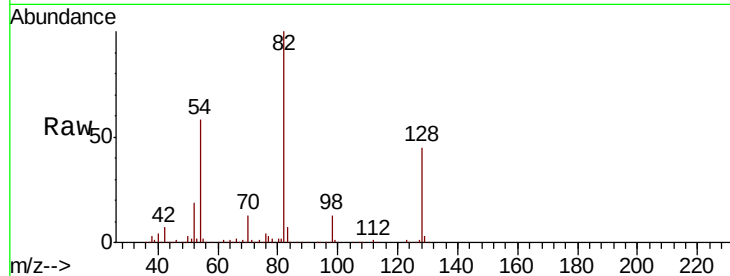




#23
 Nitrobenzene-d5
 Concen: 90.011 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

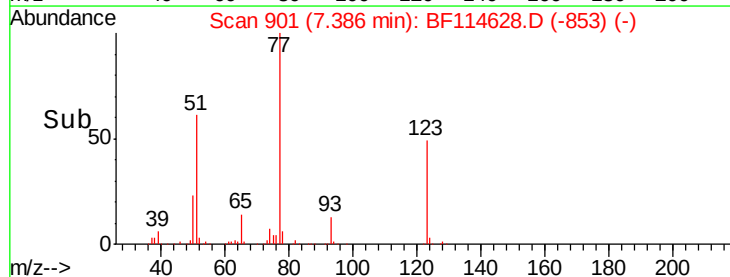
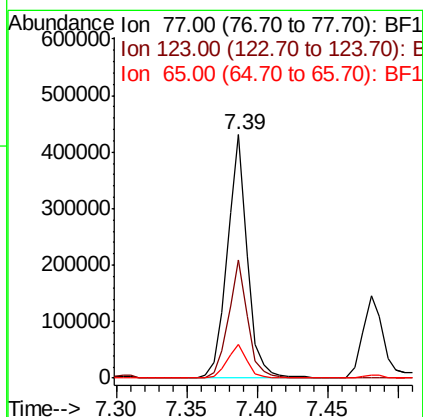
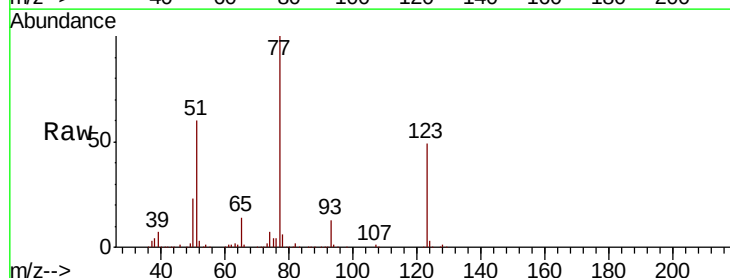
Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

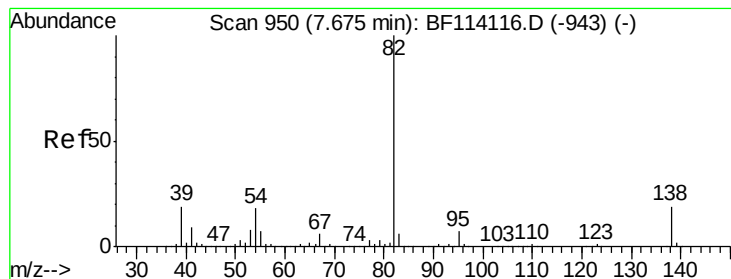
Tot Ion: 82 Resp: 837051
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.5 53.3
 54 58.1 48.5 72.7



#24
 Nitrobenzene
 Concen: 44.498 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion: 77 Resp: 421468
 Ion Ratio Lower Upper
 77 100
 123 48.8 36.9 55.3
 65 13.8 11.8 17.6





#25

Isophorone

Concen: 42.912 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

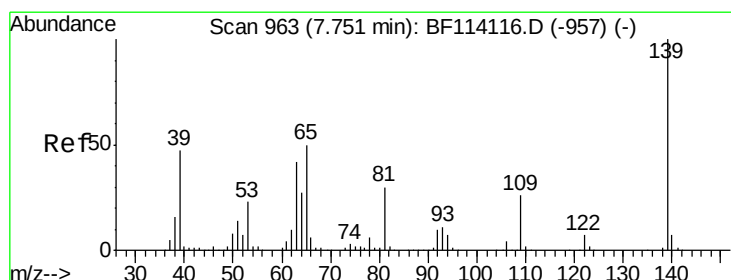
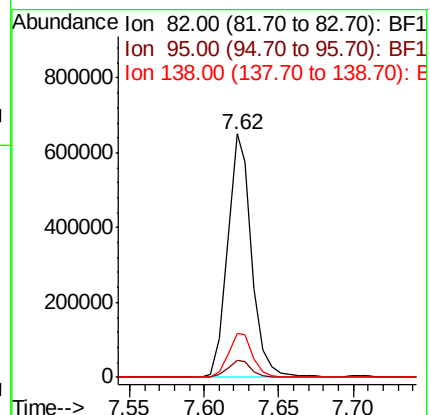
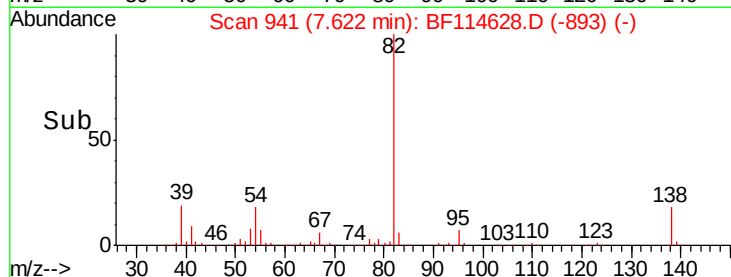
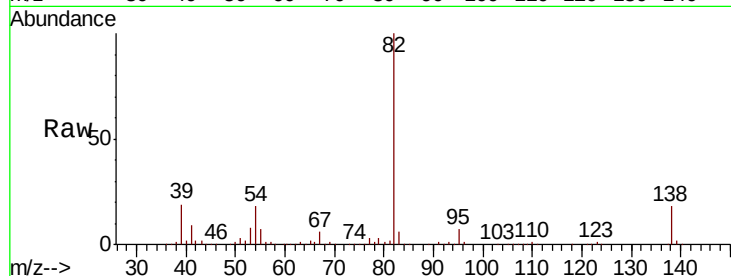
Tot Ion: 82 Resp: 740095

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 18.0 14.8 22.2



#26

2-Nitrophenol

Concen: 46.246 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

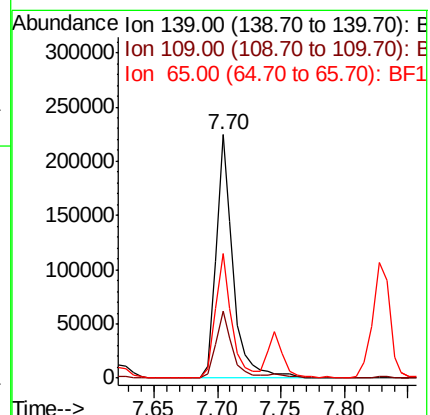
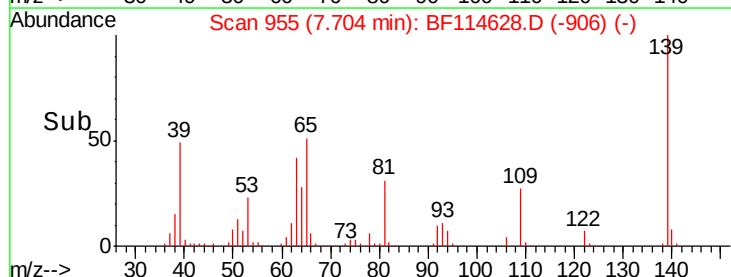
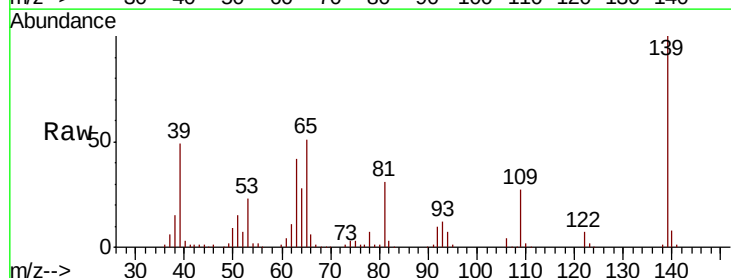
Tgt Ion: 139 Resp: 212513

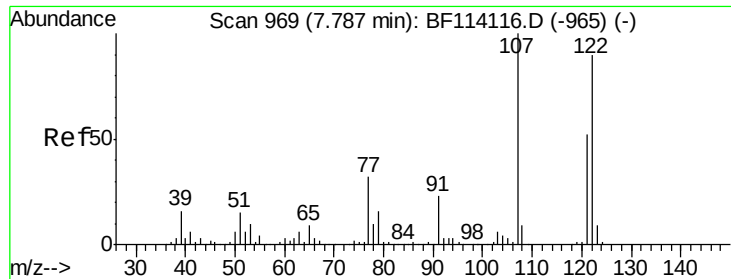
Ion Ratio Lower Upper

139 100

109 27.3 20.7 31.1

65 51.3 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 48.016 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

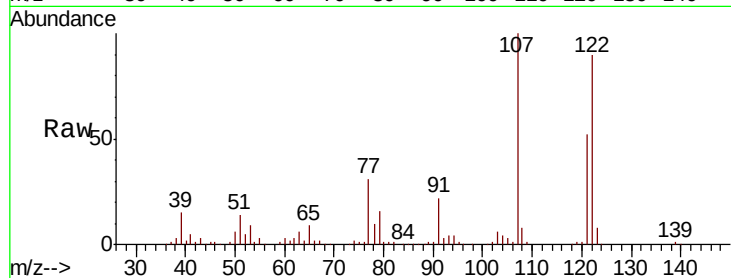
Tot Ion:122 Resp: 346540

Ion Ratio Lower Upper

122 100

107 111.6 88.4 132.6

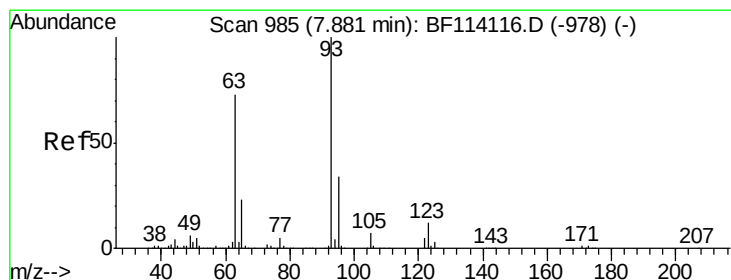
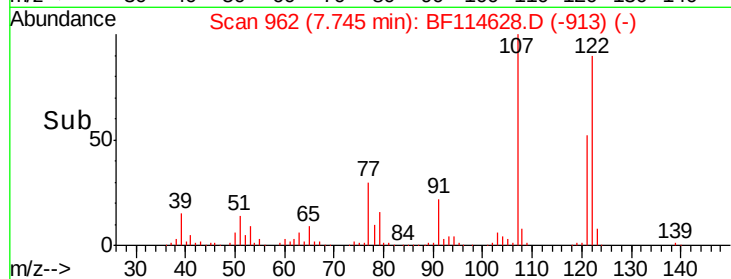
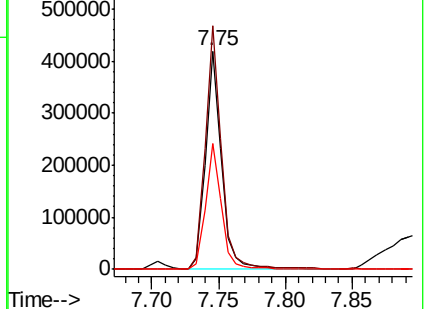
121 57.7 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.108 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

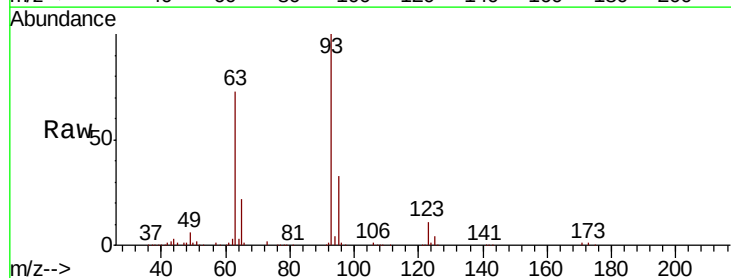
Tgt Ion: 93 Resp: 471201

Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

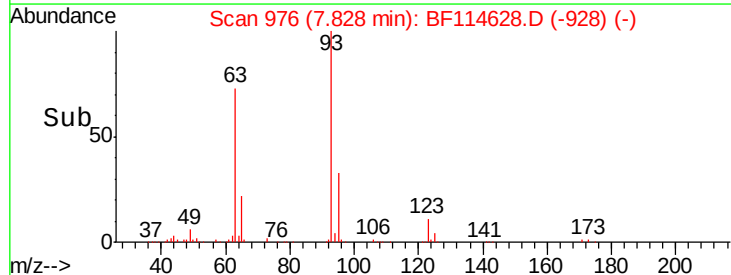
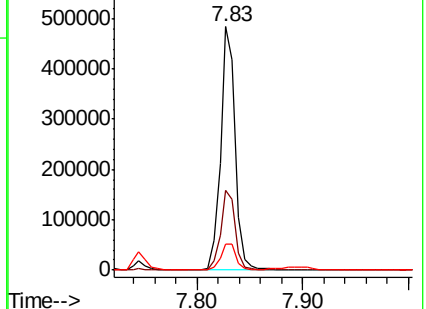
123 10.8 9.5 14.3

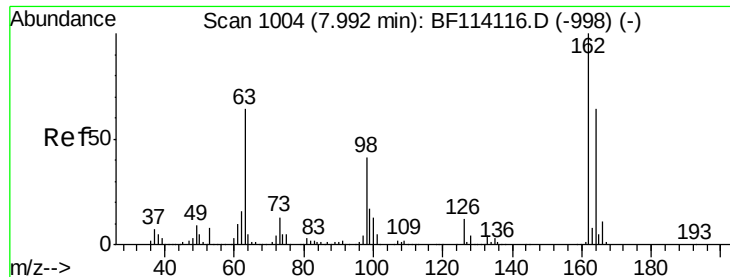


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

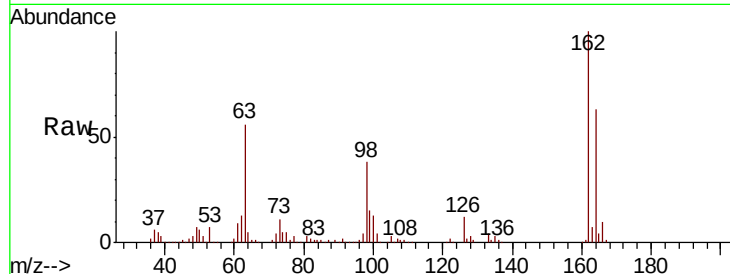




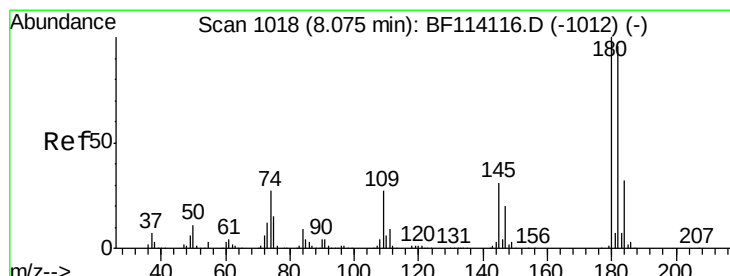
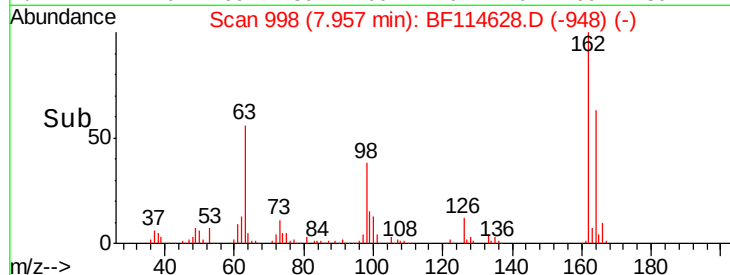
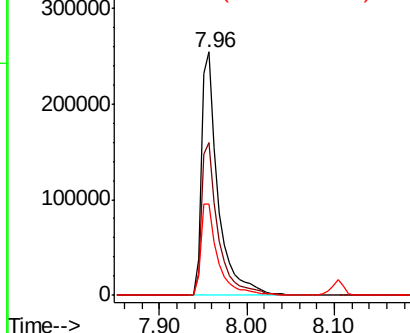
#29
 2,4-Dichlorophenol
 Concen: 46.209 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.6	83.6
98	37.7	20.6	60.6

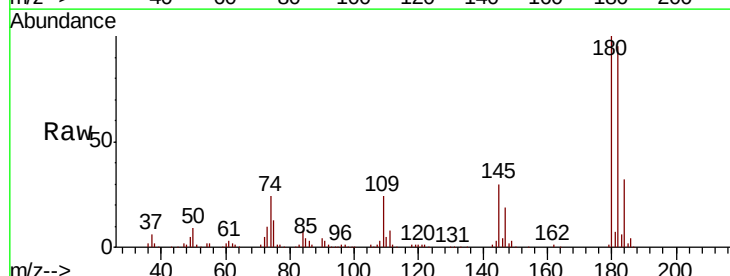


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

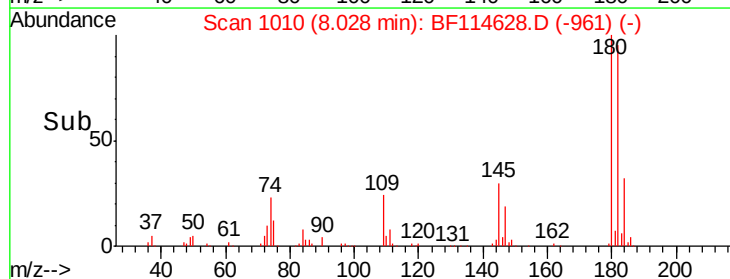
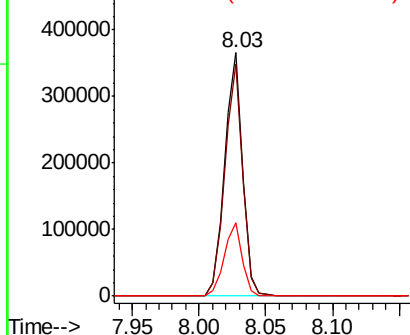


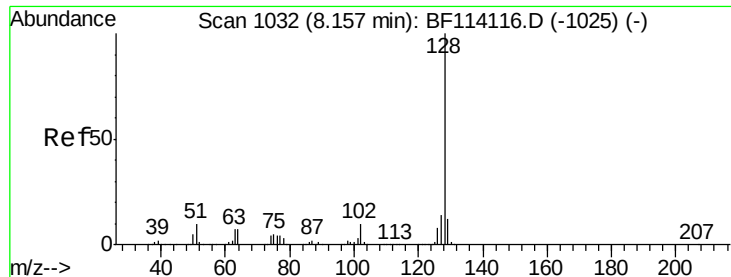
#30
 1,2,4-Trichlorobenzene
 Concen: 42.534 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	30.3	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

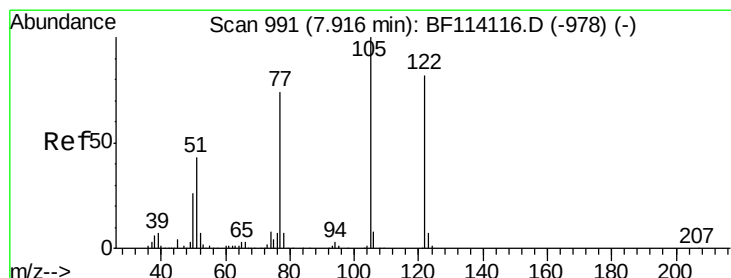
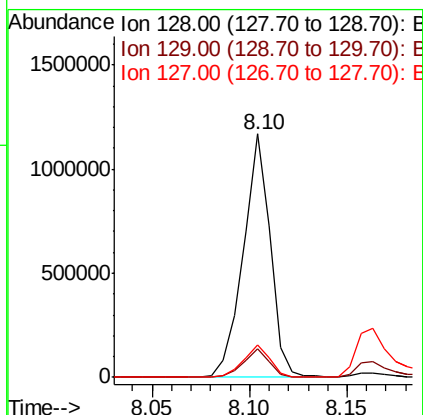
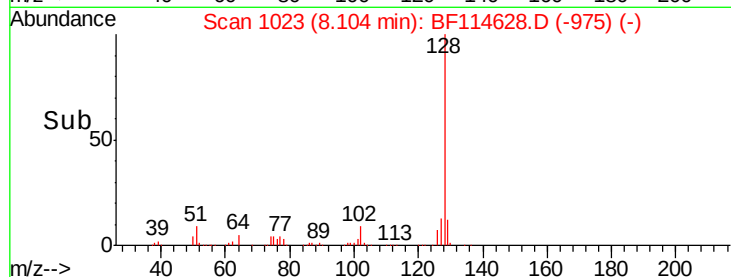
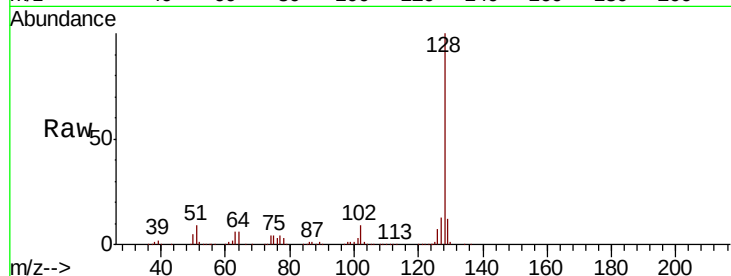




#31
Naphthalene
Concen: 45.990 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

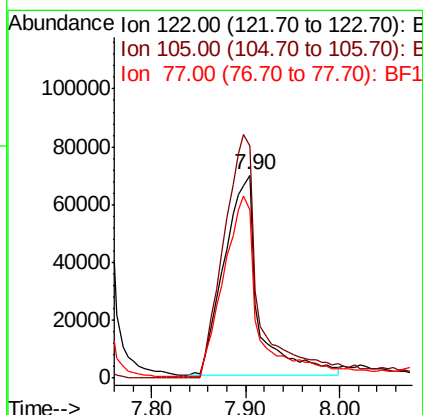
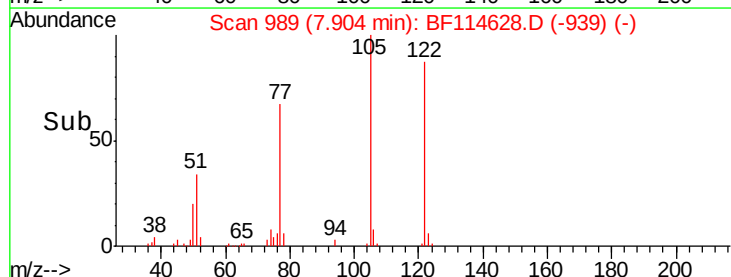
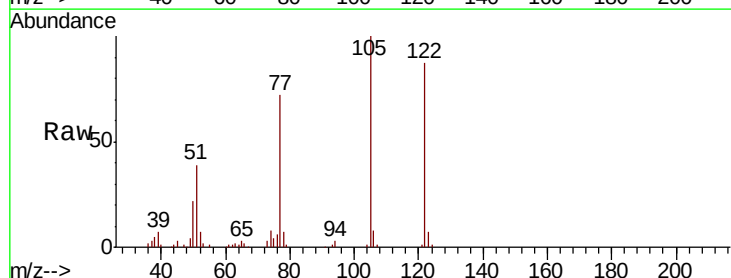
Instrument :
BNA_F
ClientSampleId :
PB120077BS

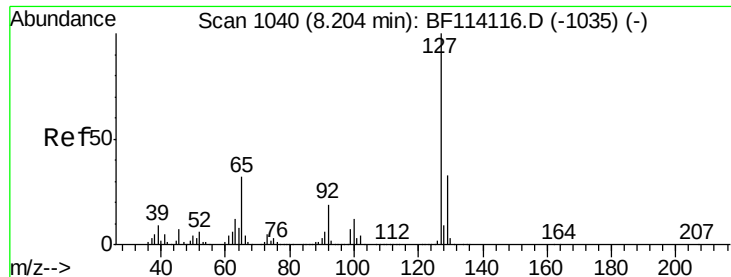
Tot Ion:128 Resp: 1121152
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.5 11.3 16.9



#32
Benzoic acid
Concen: 36.291 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:122 Resp: 176433
Ion Ratio Lower Upper
122 100
105 114.5 99.9 139.9
77 82.6 69.4 109.4

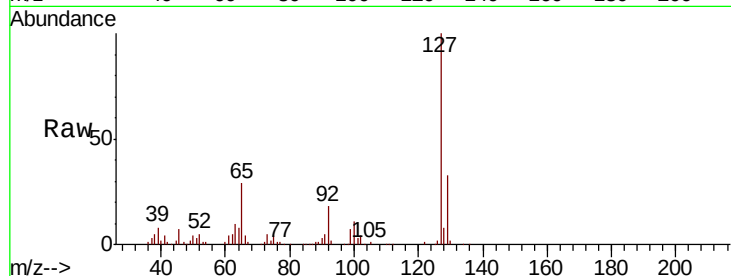




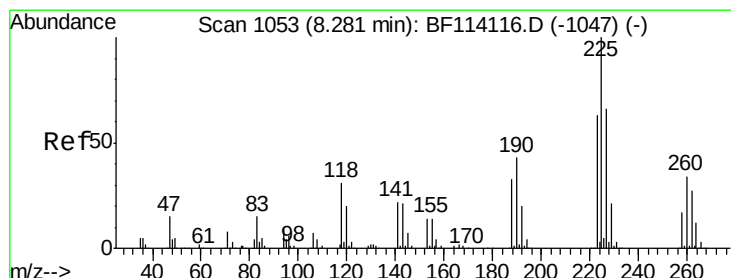
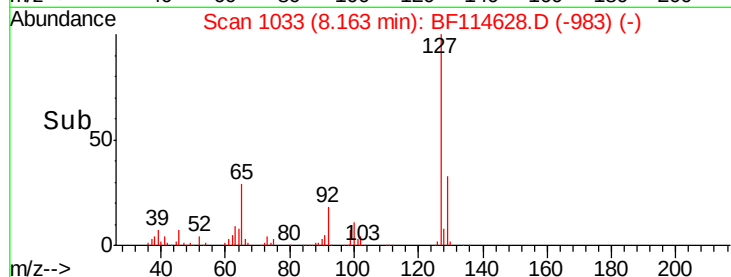
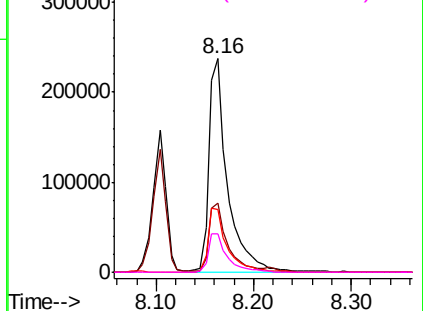
#33
4-Chloroaniline
Concen: 28.046 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion:	127	Resp:	311566
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.7	40.1
65	29.4	25.4	38.0
92	17.9	15.4	23.2

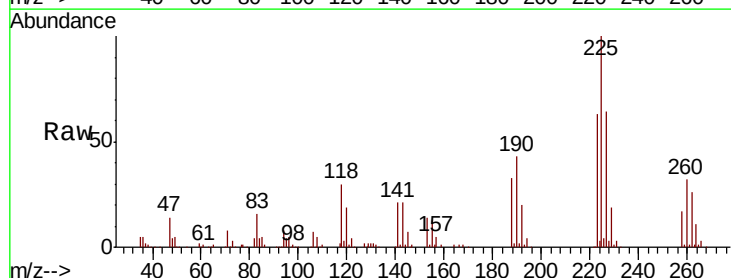


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

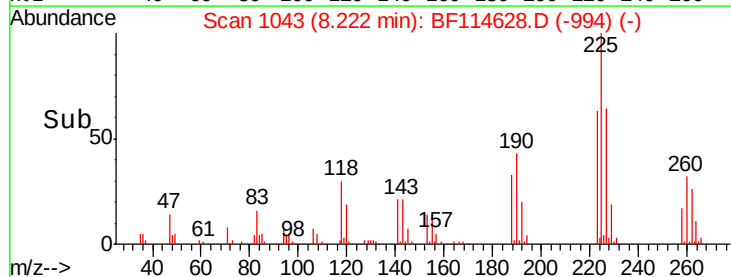
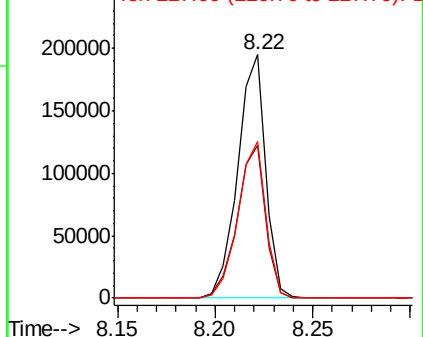


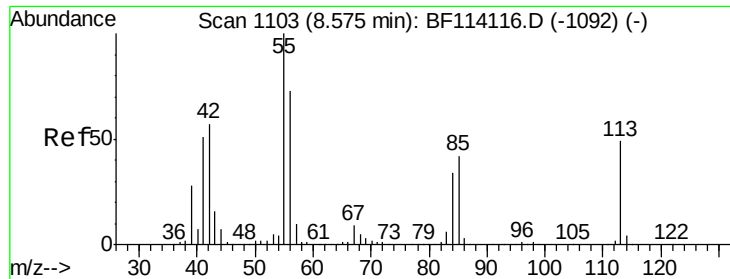
#34
Hexachlorobutadiene
Concen: 41.580 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:	225	Resp:	193339
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	64.1	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

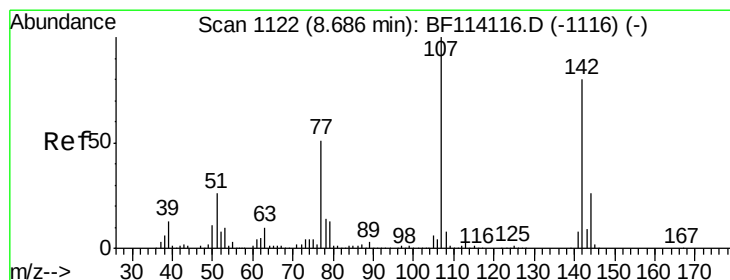
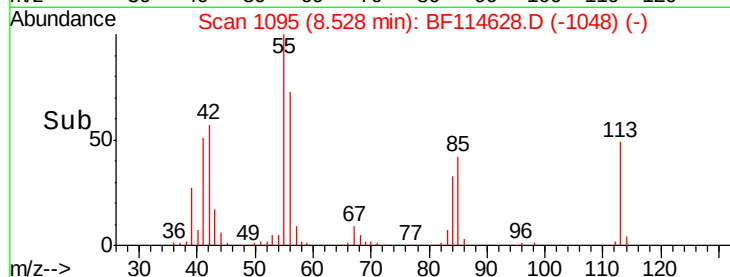
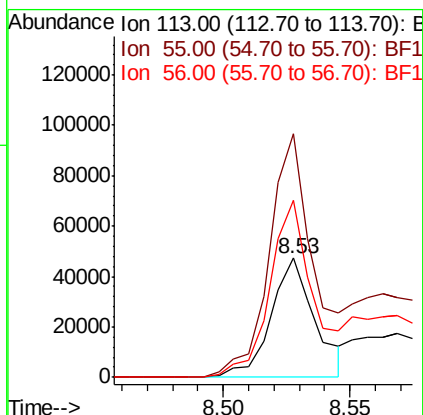
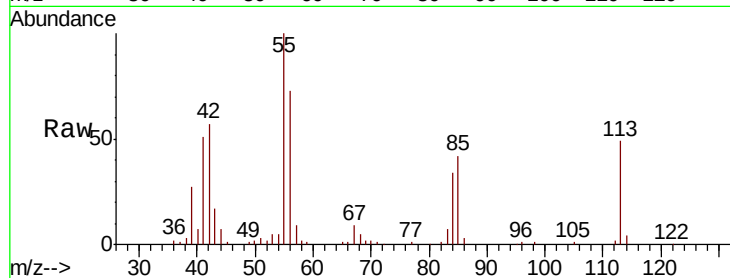




#35
 Caprolactam
 Concen: 24.365 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

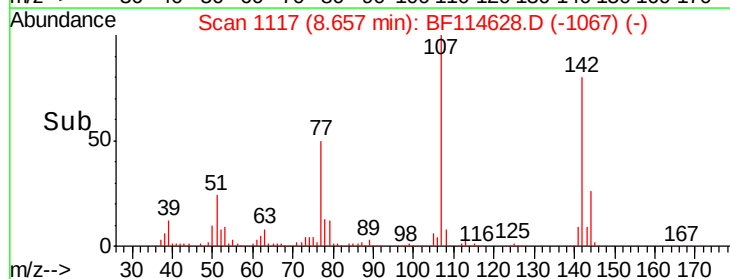
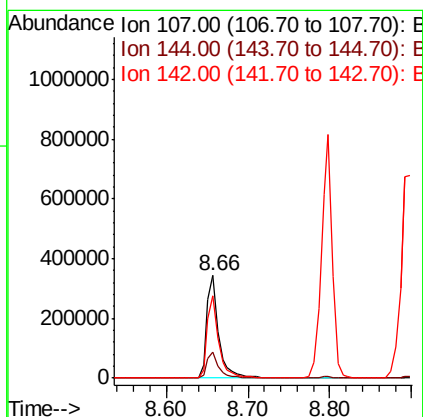
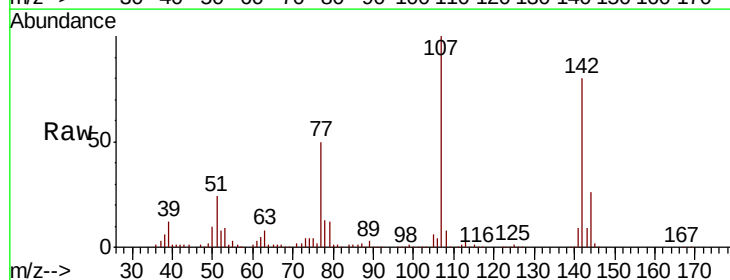
Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

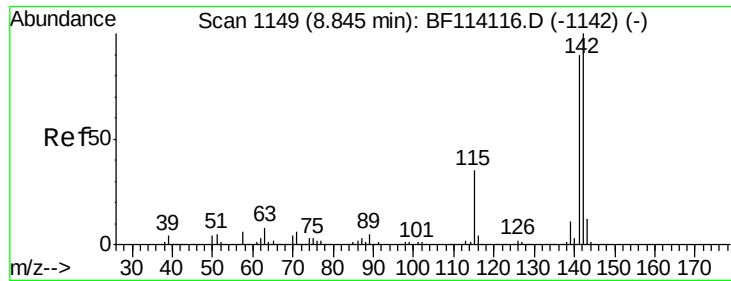
Tot Ion:113 Resp: 57096
 Ion Ratio Lower Upper
 113 100
 55 204.1 183.5 223.5
 56 148.3 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.897 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion:107 Resp: 346482
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.4 30.6
 142 79.8 64.2 96.4

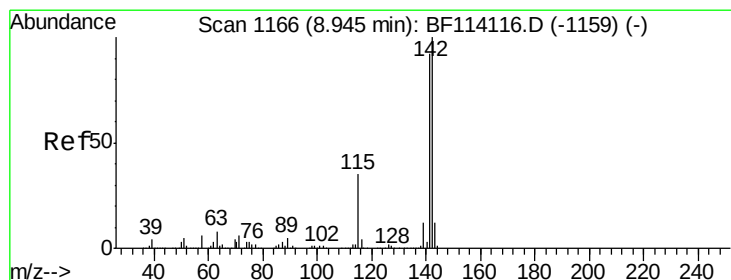
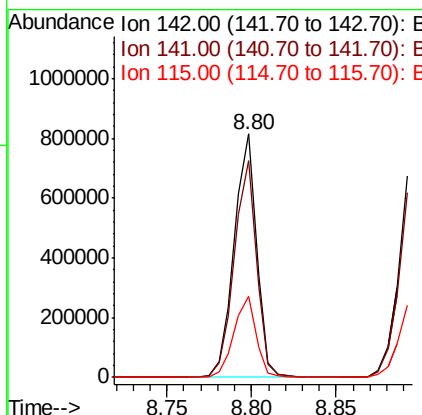
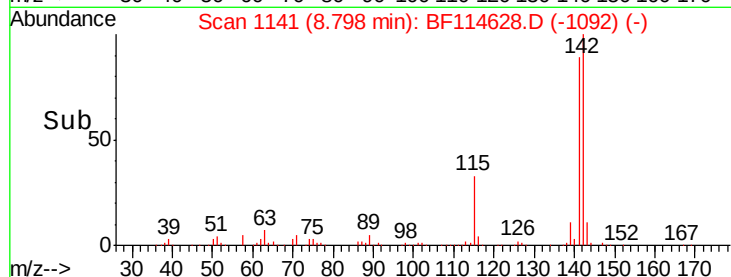
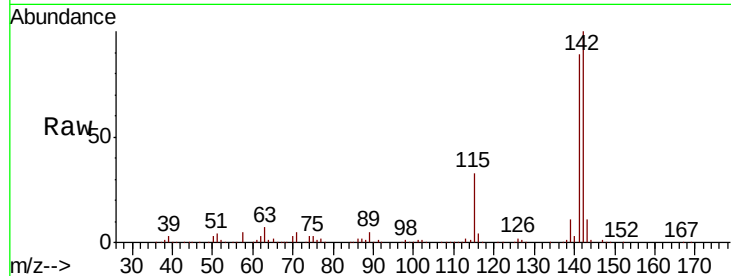




#37
2-Methylnaphthalene
Concen: 47.686 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

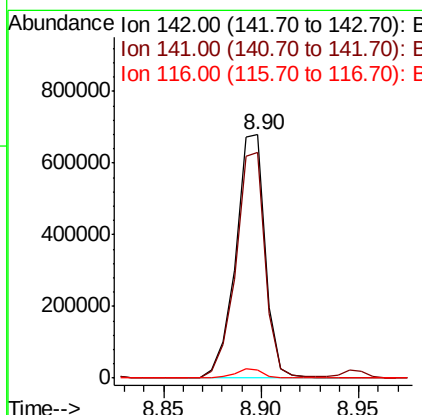
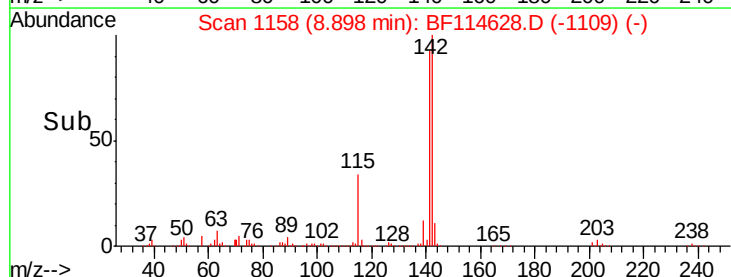
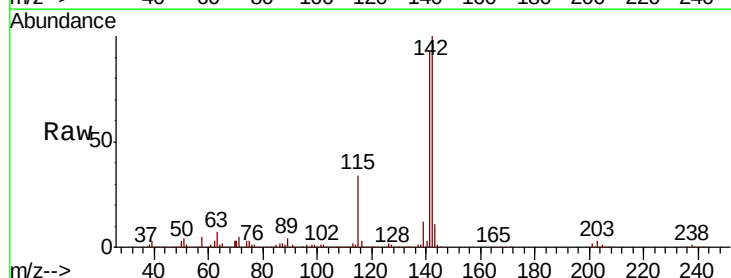
Instrument :
BNA_F
ClientSampleId :
PB120077BS

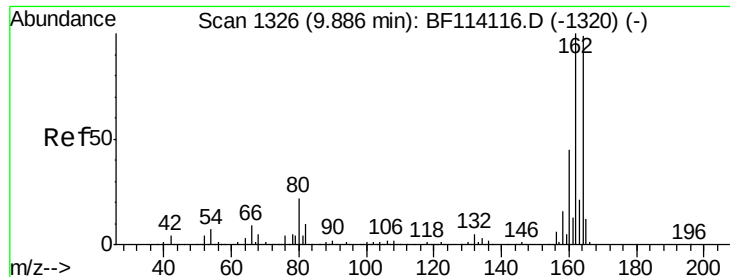
Tot Ion:142 Resp: 750030
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1
115 33.4 28.0 42.0



#38
1-Methylnaphthalene
Concen: 47.764 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:142 Resp: 707479
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.0
116 3.4 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

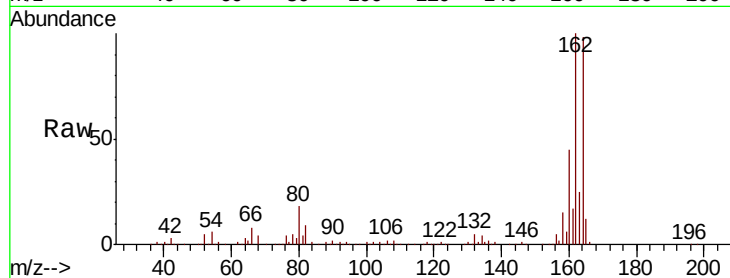
Tot Ion:164 Resp: 246157

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 46.2 36.5 54.7

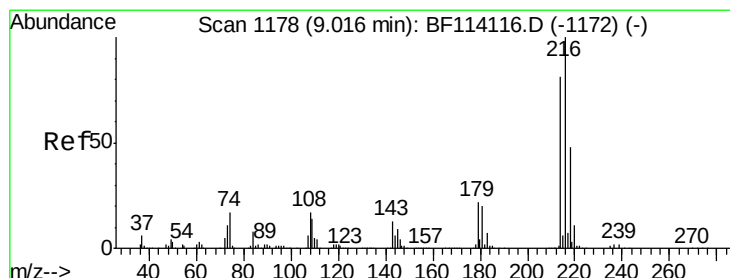
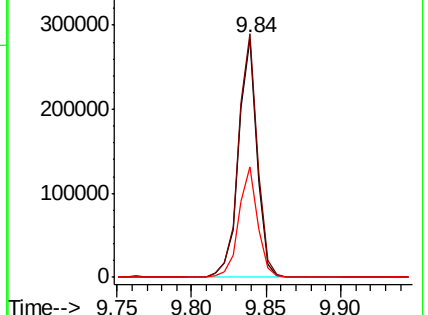
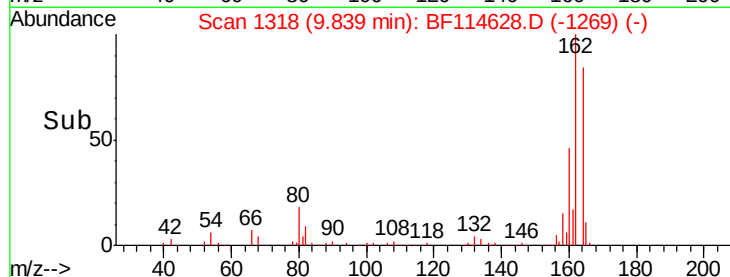


Abundance

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: 46.150 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Tgt Ion:216 Resp: 344126

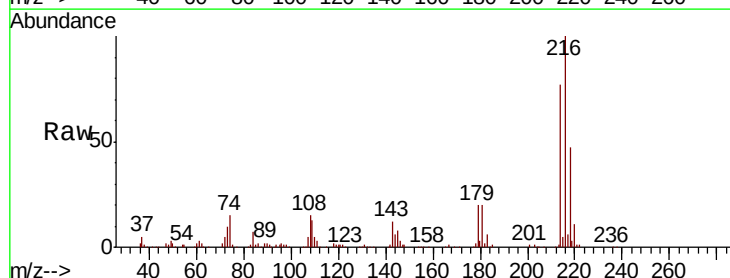
Ion Ratio Lower Upper

216 100

214 79.2 63.9 95.9

179 21.2 17.0 25.6

108 18.0 14.8 22.2



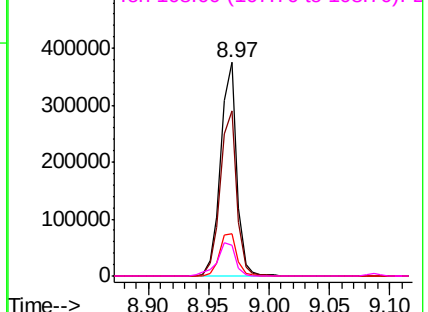
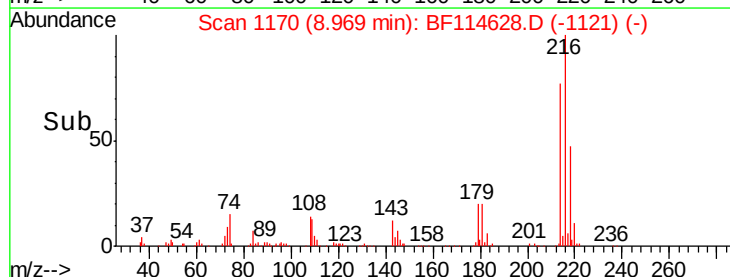
Abundance

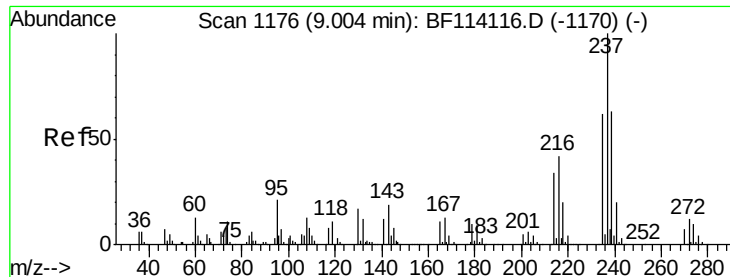
Ion 216.00 (215.70 to 216.70): E

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: 43.685 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

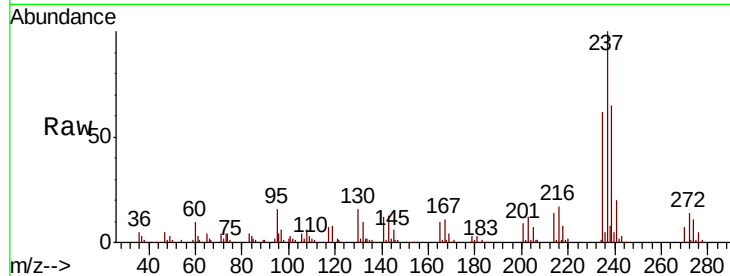
Tot Ion:237 Resp: 144551

Ion Ratio Lower Upper

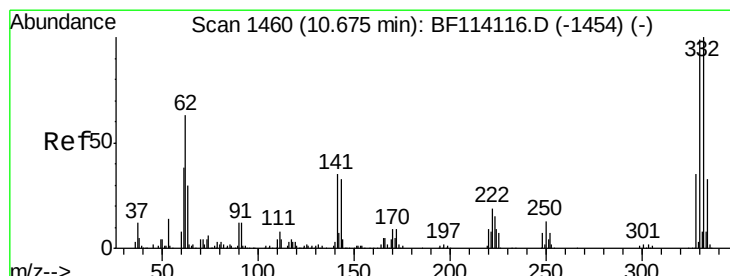
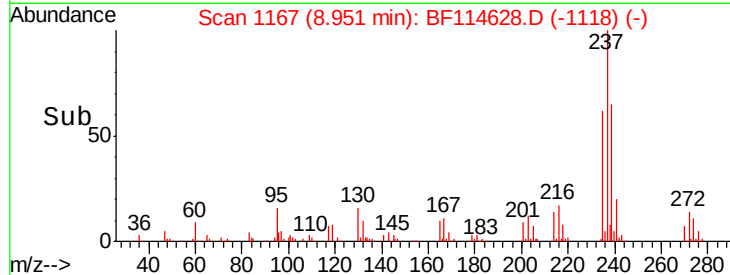
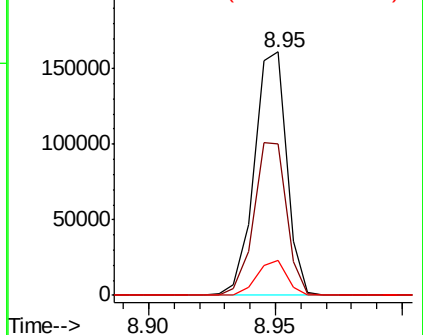
237 100

235 62.2 42.0 82.0

272 14.4 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: 127.987 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

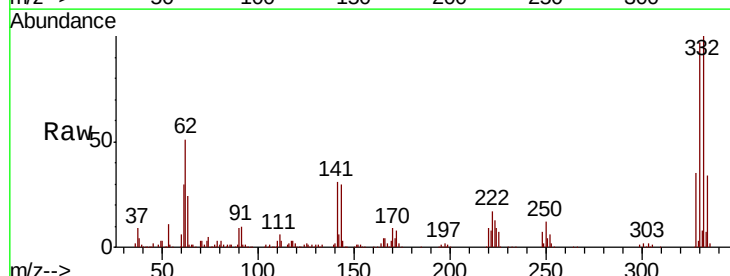
Tgt Ion:330 Resp: 325708

Ion Ratio Lower Upper

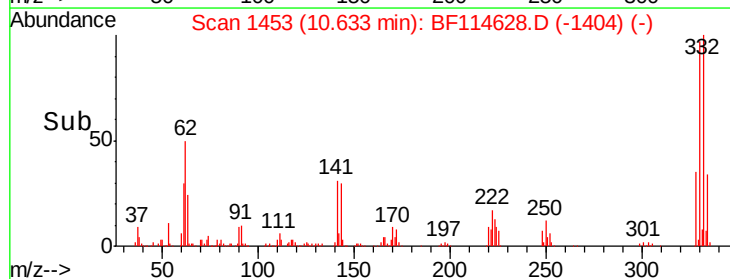
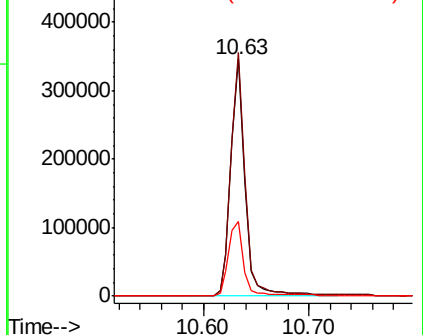
330 100

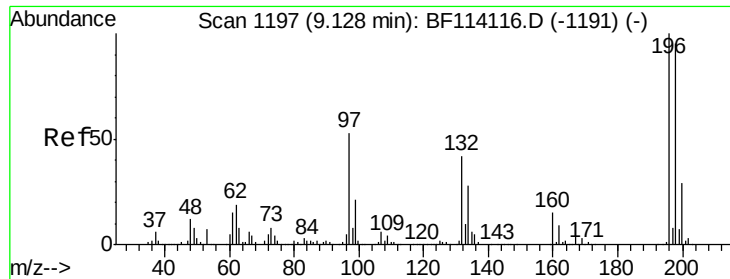
332 103.0 81.4 122.2

141 33.3 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

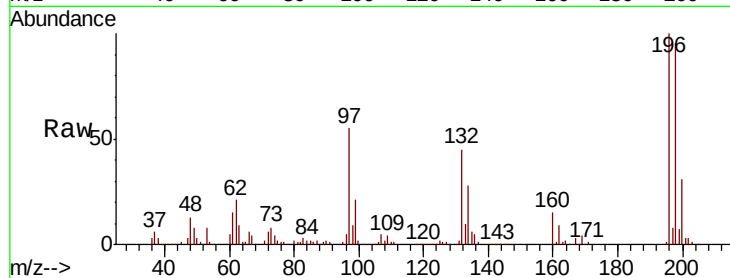




#43
 2,4,6-Trichlorophenol
 Concen: 40.098 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.9	113.9
200	31.0	23.5	35.3

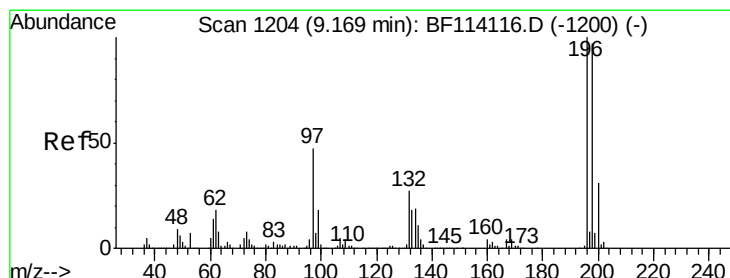
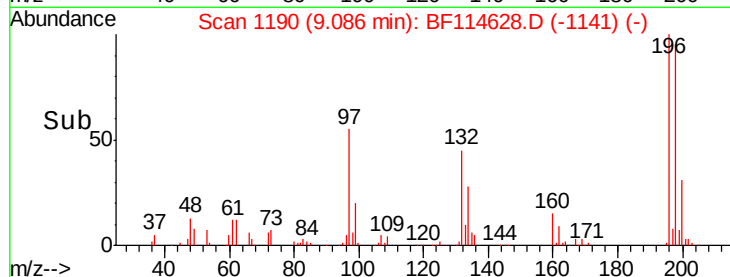
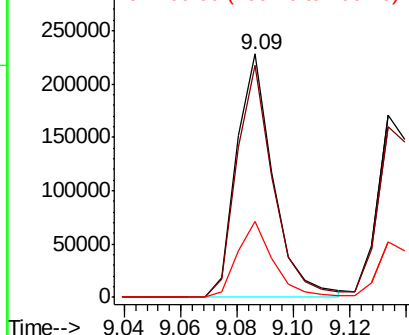


Abundance

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: 39.885 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	77.7	116.5
97	54.1	38.2	57.2
132	31.4	21.4	32.2

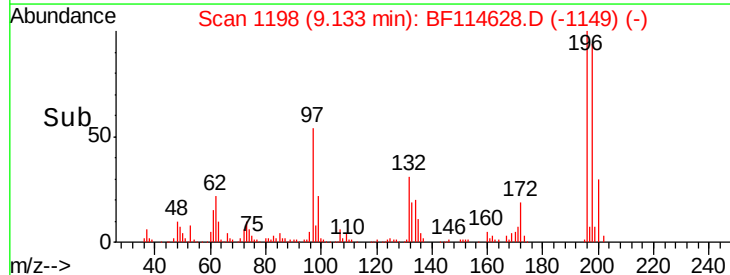
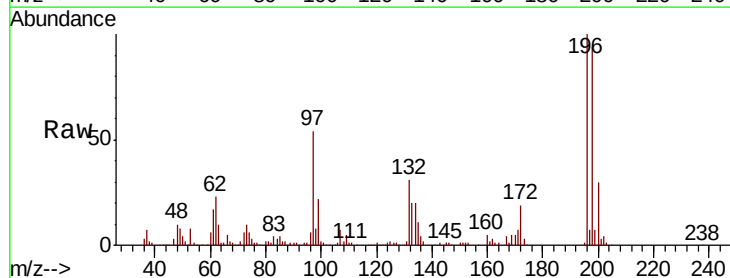
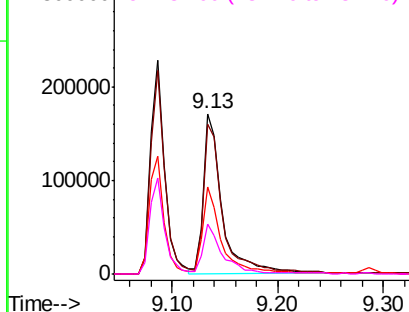
Abundance

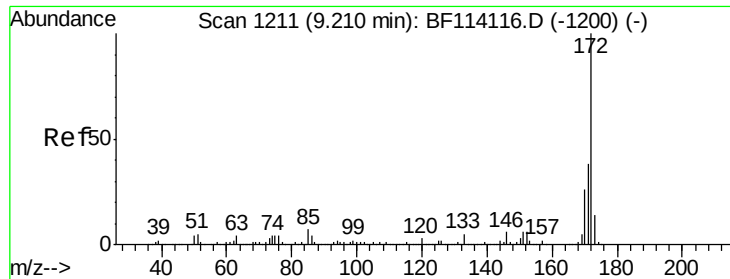
Ion 196.00 (195.70 to 196.70): E

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

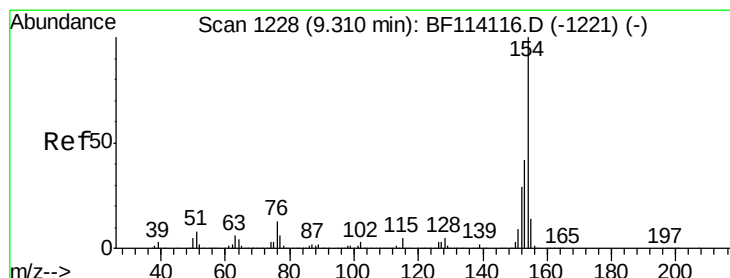
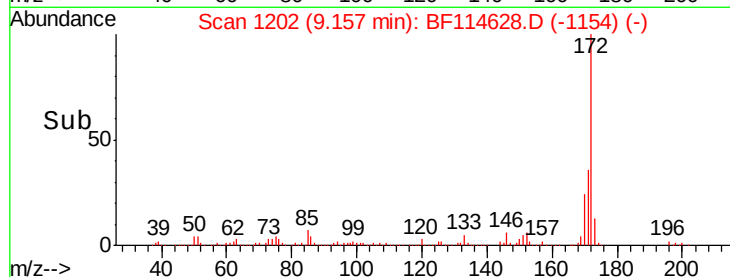
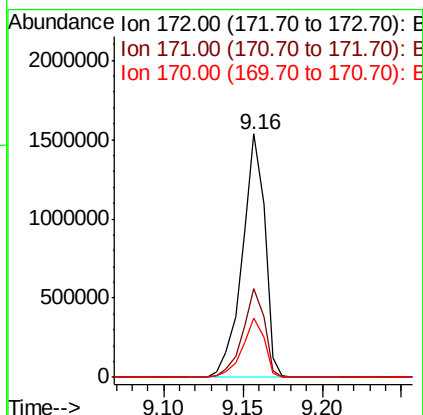
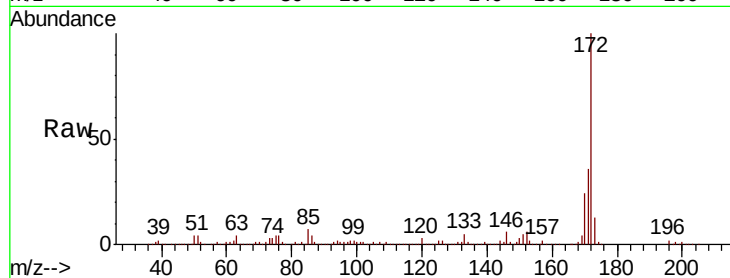




#45
 2-Fluorobiphenyl
 Concen: 92.535 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

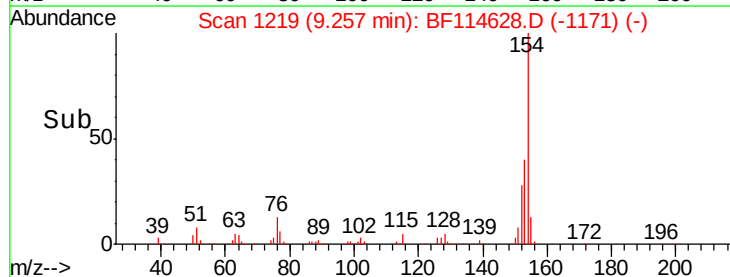
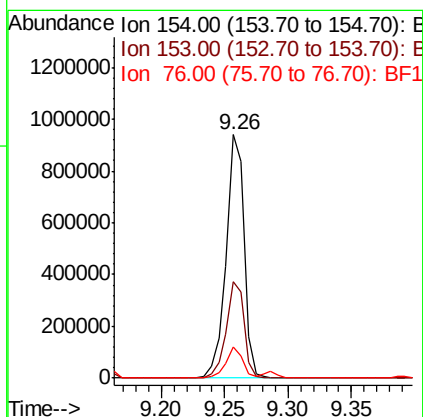
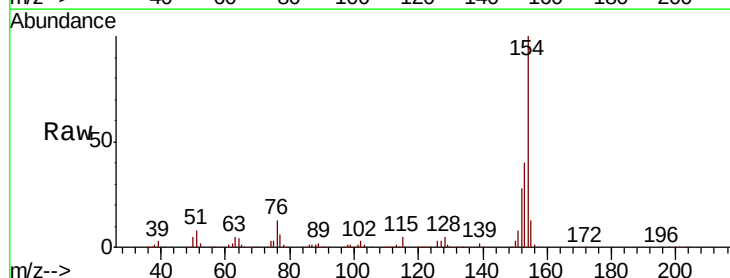
Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

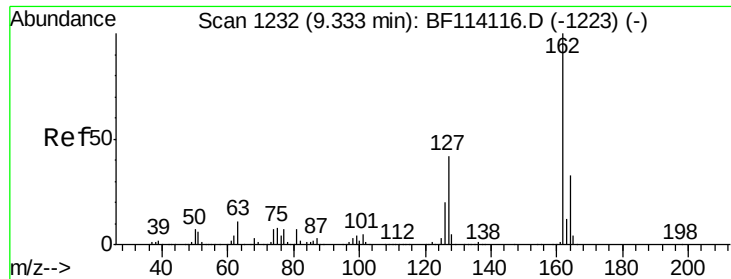
Tot Ion:172 Resp: 1505824
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.7 46.1
 170 24.4 20.5 30.7



#46
 1,1'-Biphenyl
 Concen: 46.338 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion:154 Resp: 921491
 Ion Ratio Lower Upper
 154 100
 153 39.6 21.9 61.9
 76 12.7 0.0 32.8

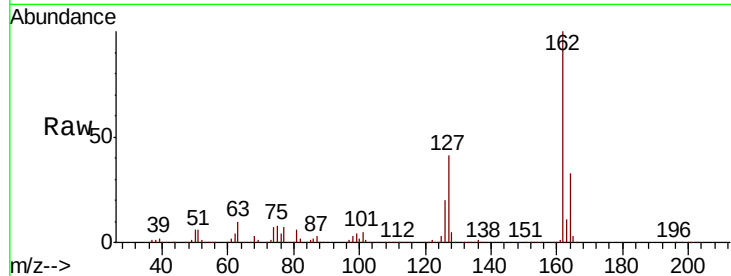




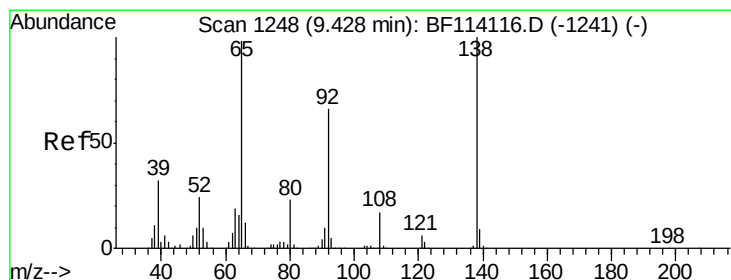
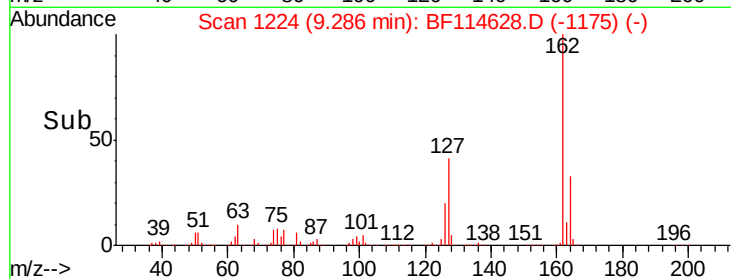
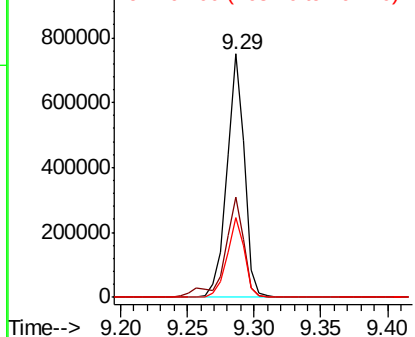
#47
 2-Chloronaphthalene
 Concen: 43.472 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.0	51.0
164	32.7	26.7	40.1

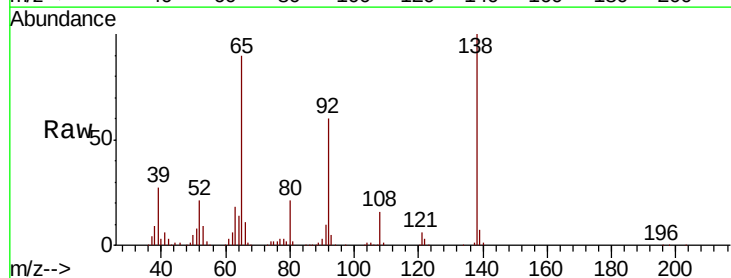


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

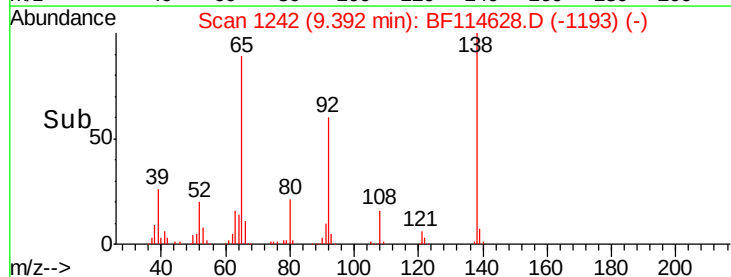
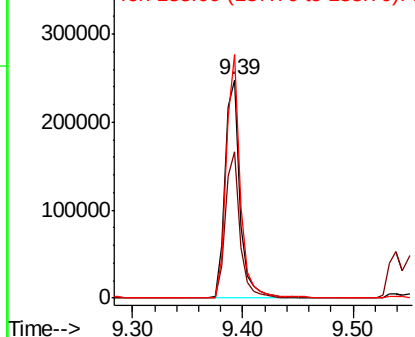


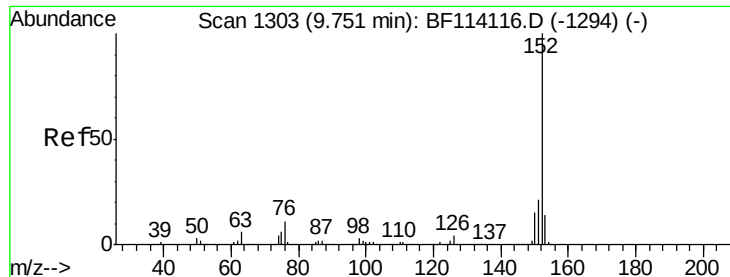
#48
 2-Nitroaniline
 Concen: 41.735 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.9	80.9
138	111.7	81.4	122.0



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





#49

Acenaphthylene

Concen: 45.132 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

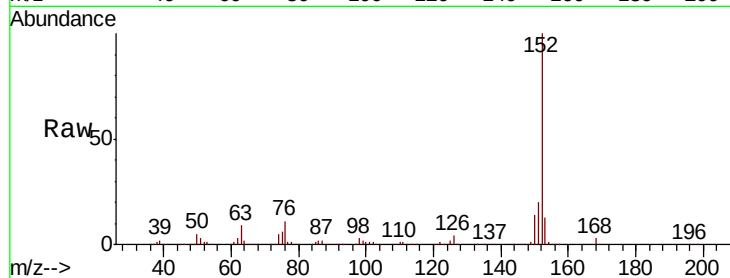
Tot Ion:152 Resp: 1098569

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

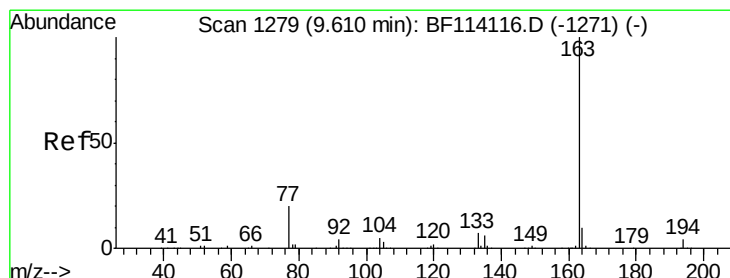
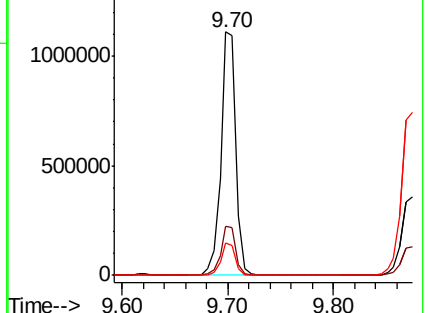
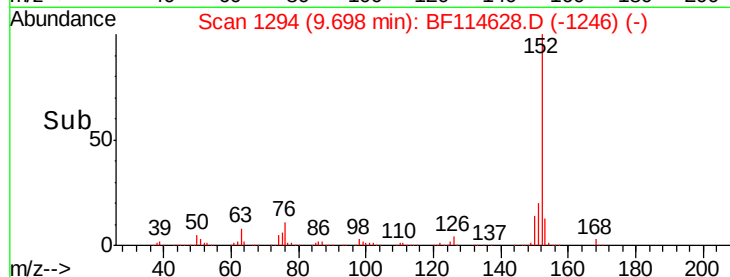
153 13.1 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.974 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

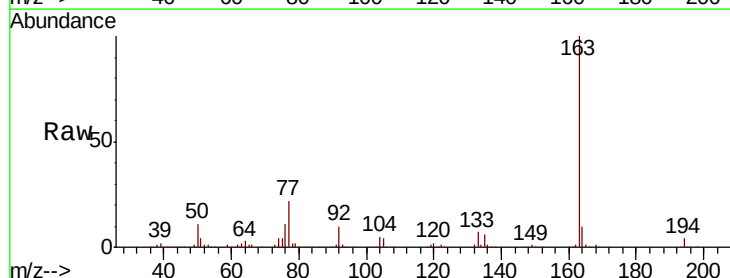
Tgt Ion:163 Resp: 776551

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

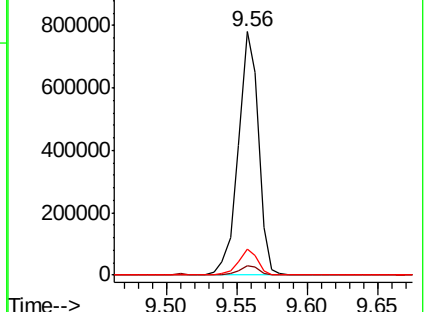
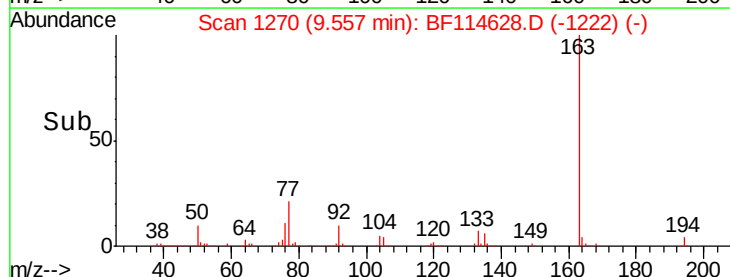
164 10.5 8.2 12.2

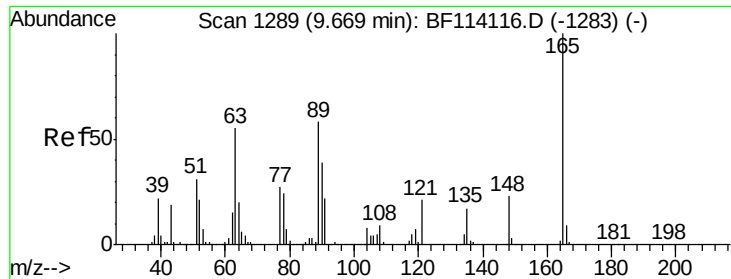


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

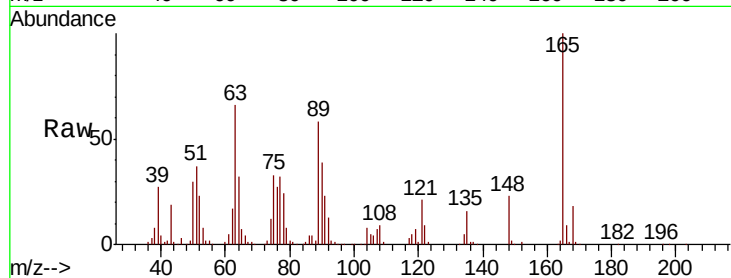




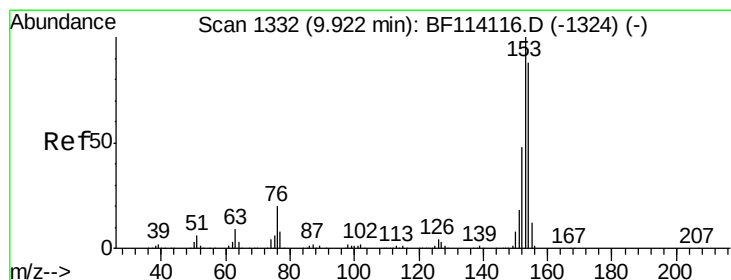
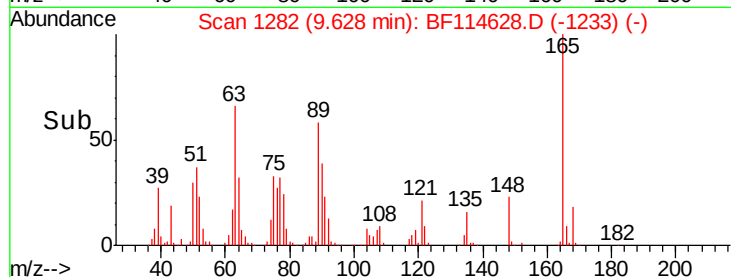
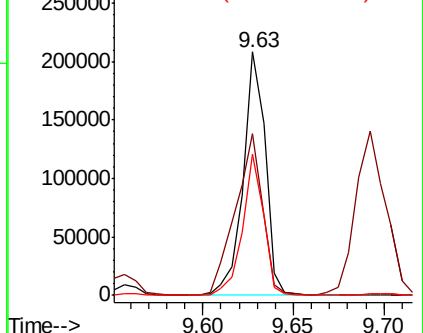
#51
 2,6-Dinitrotoluene
 Concen: 43.855 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion:165 Resp: 175770
 Ion Ratio Lower Upper
 165 100
 63 66.4 50.2 75.4
 89 57.9 46.6 69.8

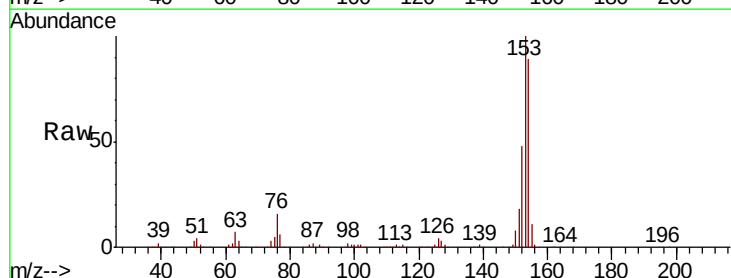


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

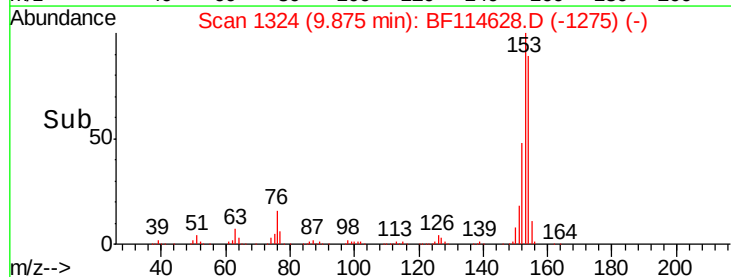
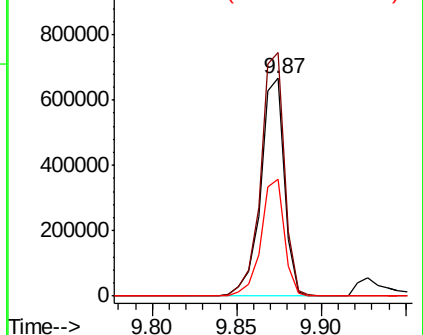


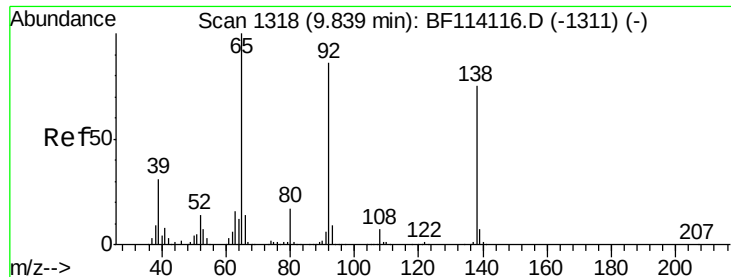
#52
 Acenaphthene
 Concen: 43.474 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion:154 Resp: 649364
 Ion Ratio Lower Upper
 154 100
 153 112.0 90.5 135.7
 152 53.5 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

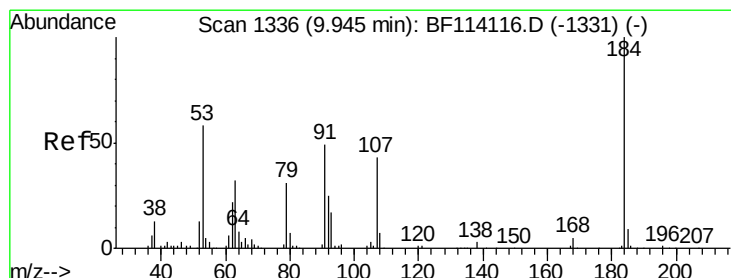
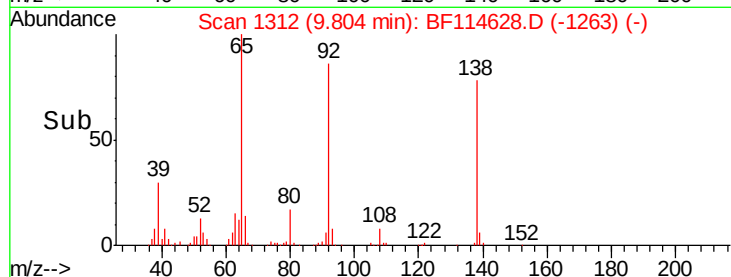
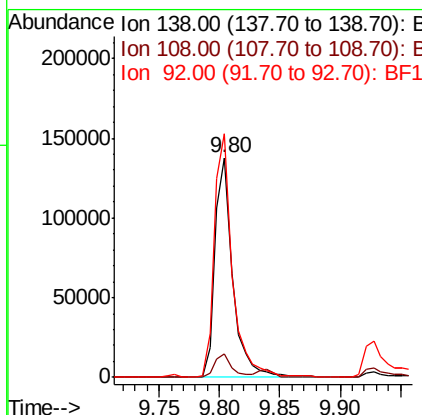
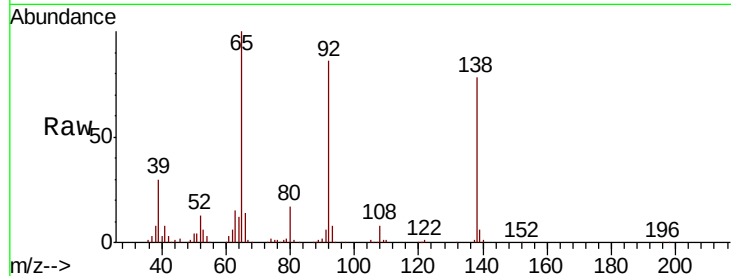




#53
3-Nitroaniline
Concen: 28.008 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

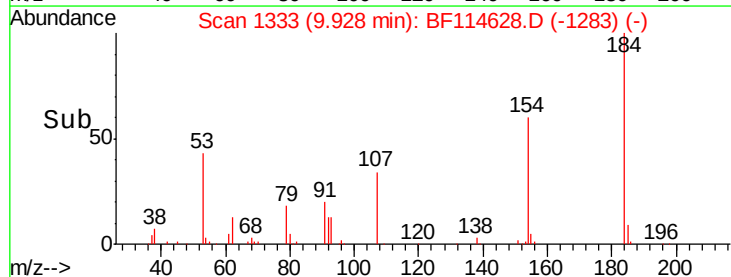
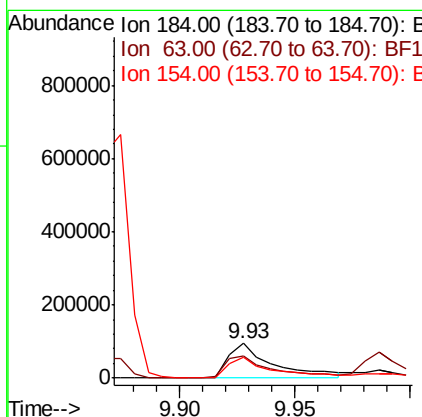
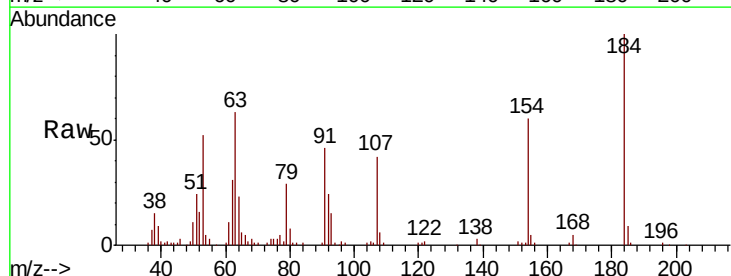
Instrument :
BNA_F
ClientSampleId :
PB120077BS

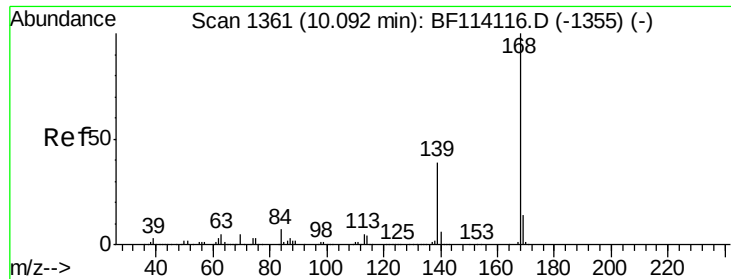
Tot Ion:138 Resp: 139347
Ion Ratio Lower Upper
138 100
108 10.8 7.8 11.6
92 110.9 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 63.927 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:184 Resp: 125853
Ion Ratio Lower Upper
184 100
63 63.3 55.6 83.4
154 59.7 46.0 69.0

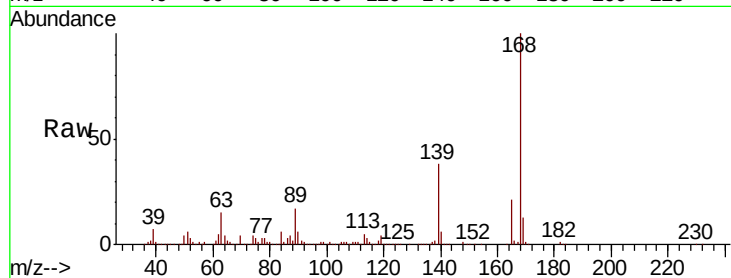




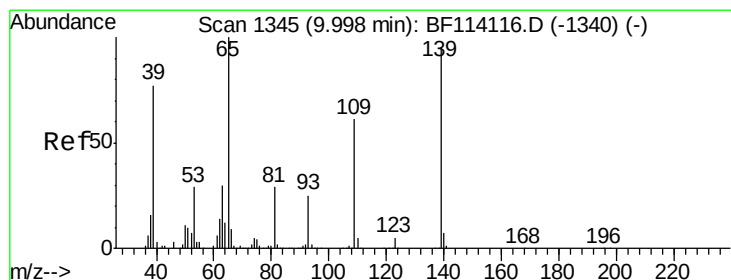
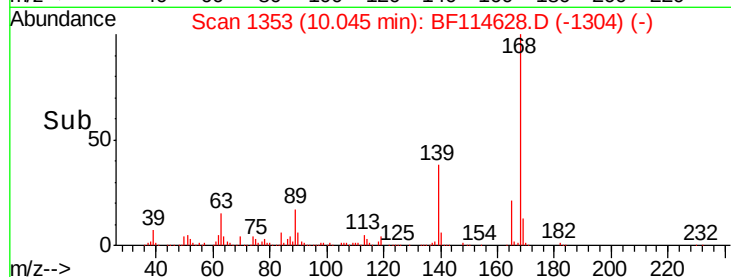
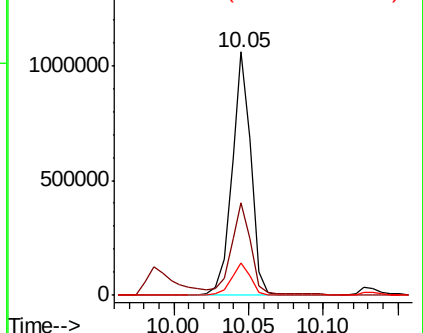
#55
Dibenzofuran
Concen: 42.861 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion:168 Resp: 938778
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7
169 13.2 11.4 17.0

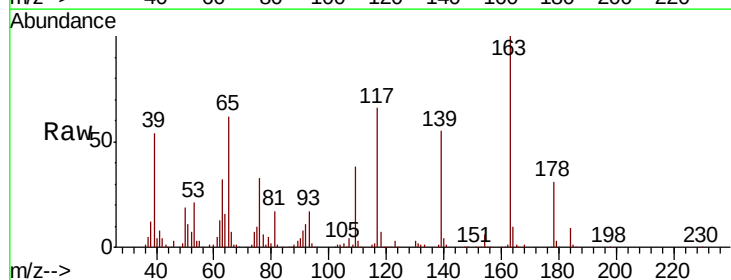


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

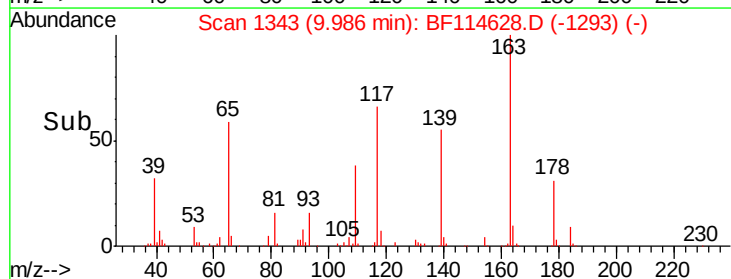
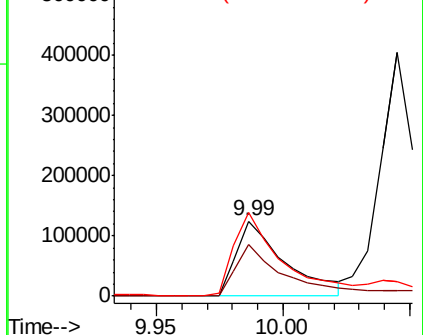


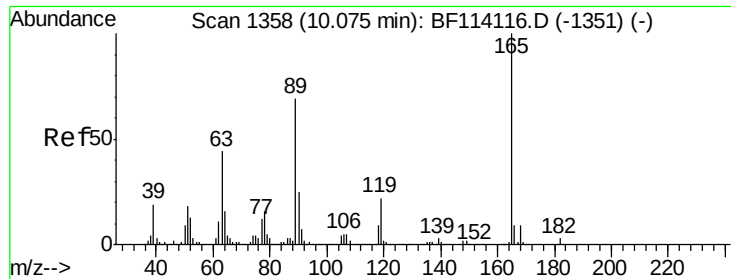
#56
4-Nitrophenol
Concen: 47.420 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:139 Resp: 166846
Ion Ratio Lower Upper
139 100
109 69.3 43.9 83.9
65 111.1 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: 40.234 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

Tot Ion:165 Resp: 218870

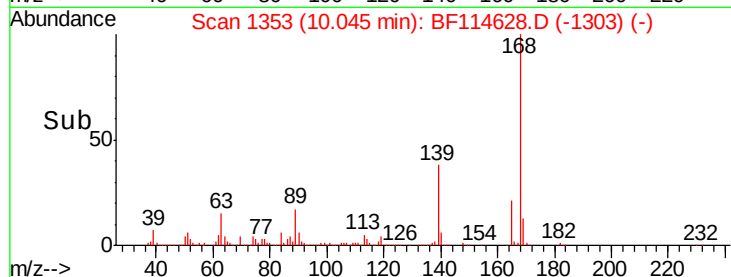
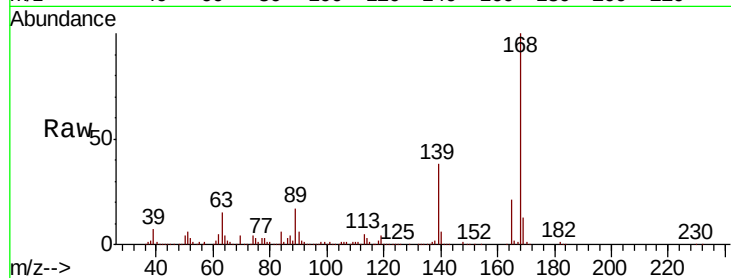
Ion Ratio Lower Upper

165 100

63 70.0 35.5 53.3#

89 78.7 55.2 82.8

182 2.6 2.2 3.2

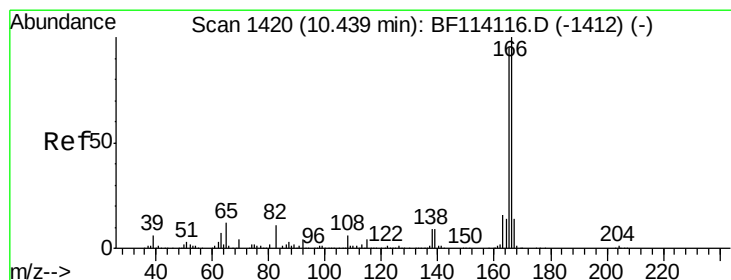
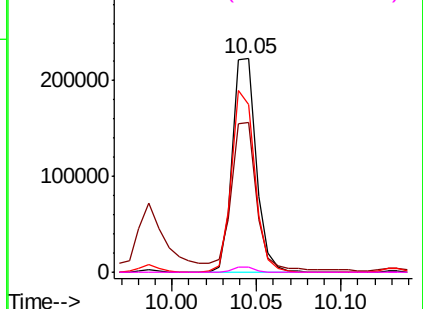


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.536 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

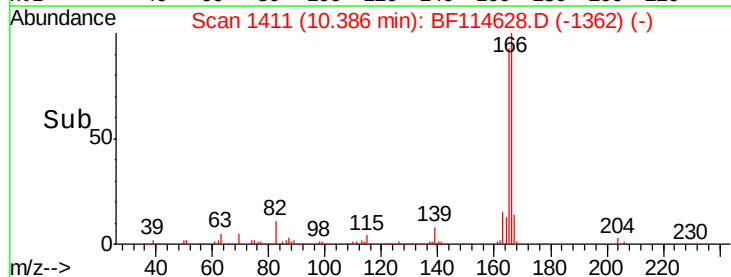
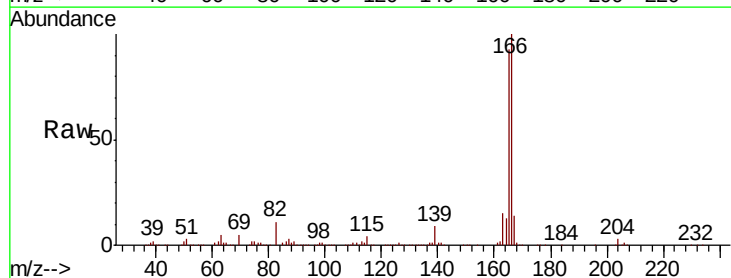
Tgt Ion:166 Resp: 770383

Ion Ratio Lower Upper

166 100

165 92.8 76.1 114.1

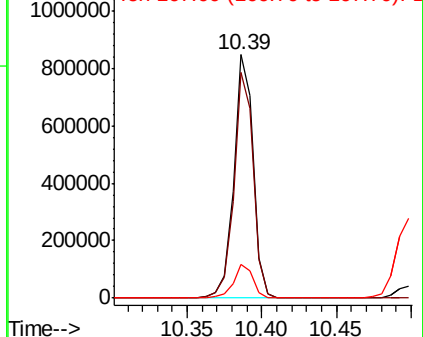
167 13.7 11.1 16.7

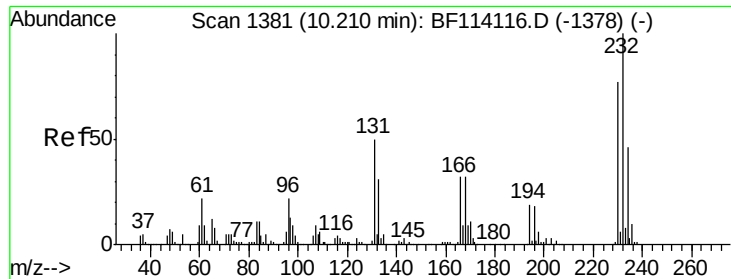


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

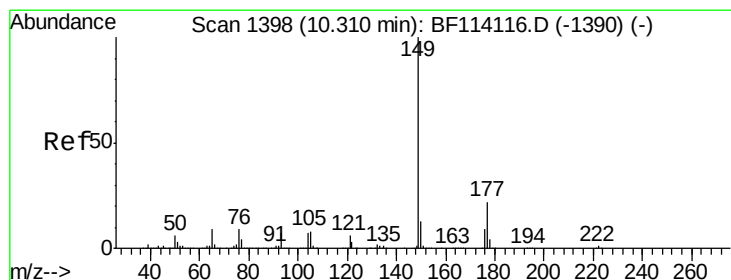
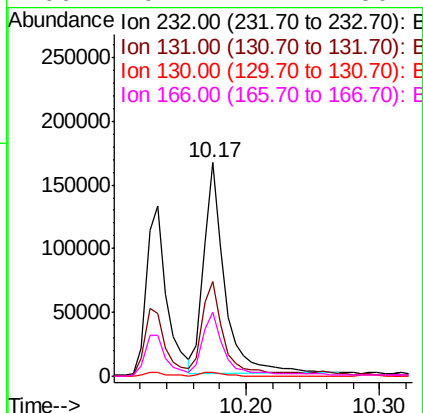
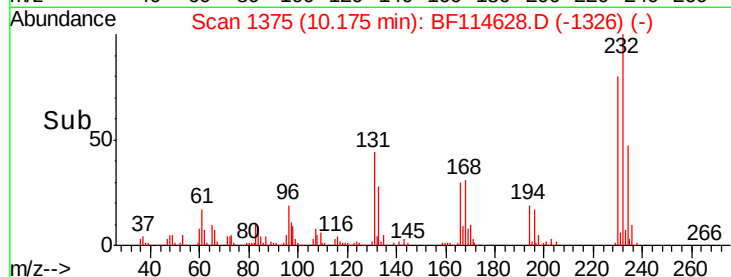
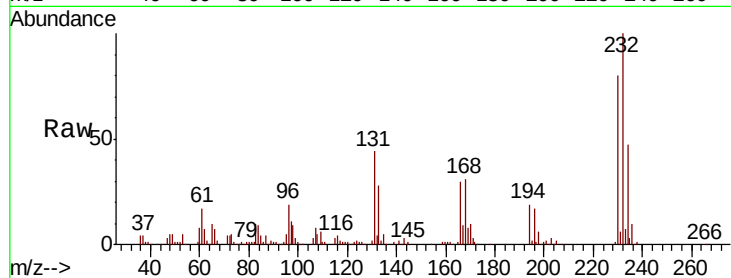




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.607 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

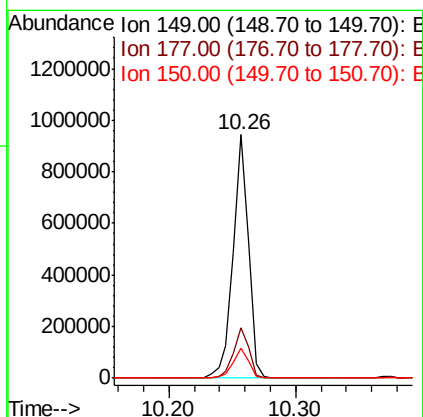
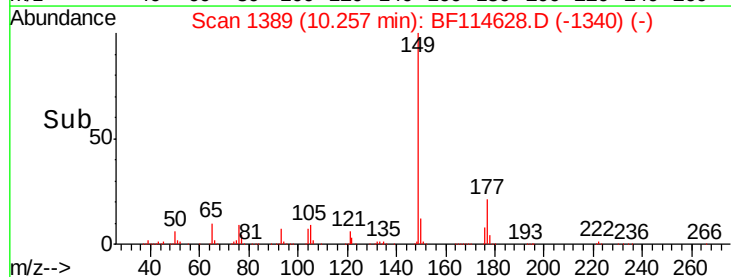
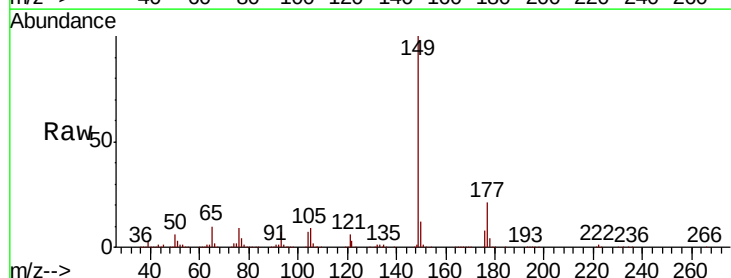
Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

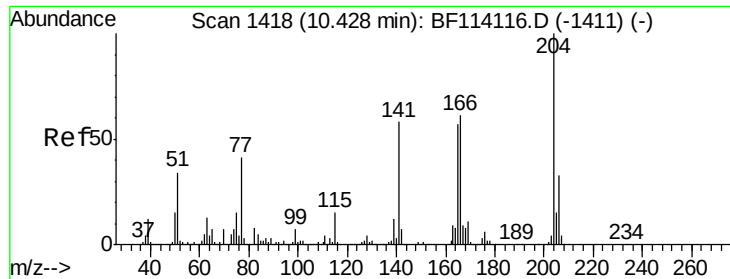
Tot Ion:232	Resp:	179753	
Ion Ratio	Lower	Upper	
232 100			
131 44.2	35.6	53.4	
130 2.4	1.6	2.4	
166 29.4	24.1	36.1	



#60
 Diethylphthalate
 Concen: 42.531 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	149	Resp: Lower	780890 Upper
149	100		
177	20.8	17.8	26.6
150	12.4	10.2	15.2

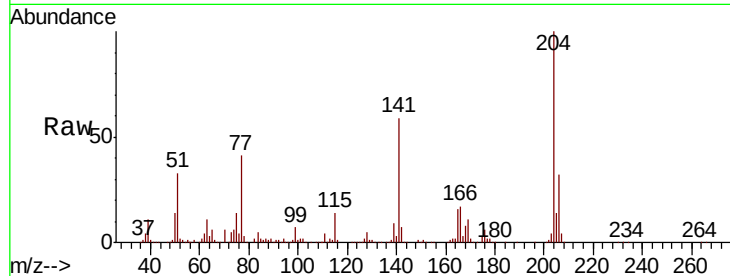




#61
4-Chlorophenyl-phenylether
Concen: 44.427 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	59.3	46.4	69.6

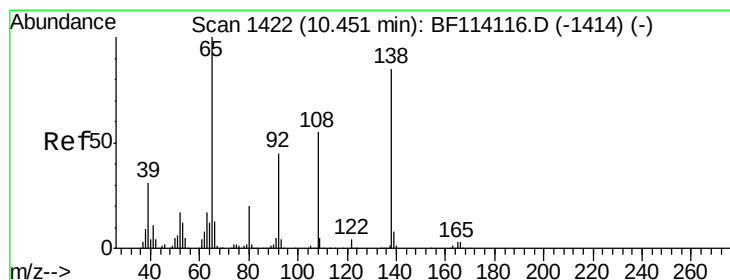
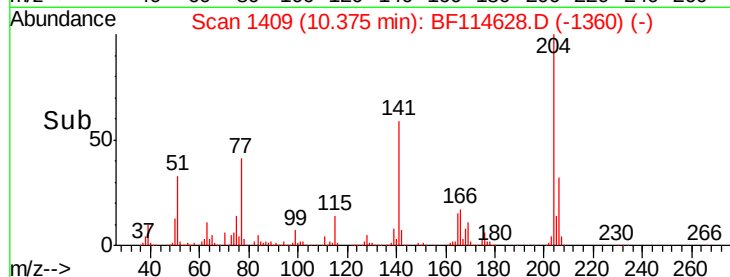
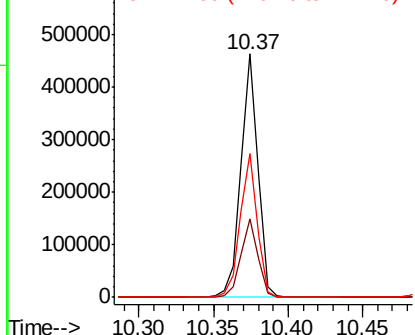


Abundance

Ion 204.00 (203.70 to 204.70): E

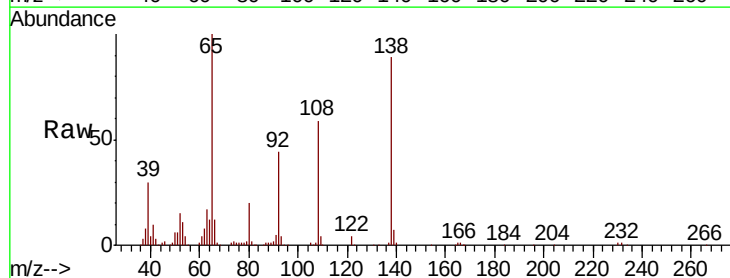
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.126 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	33.0	73.0
108	66.8	44.9	84.9

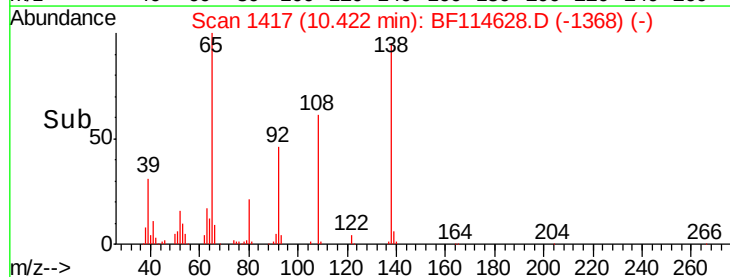
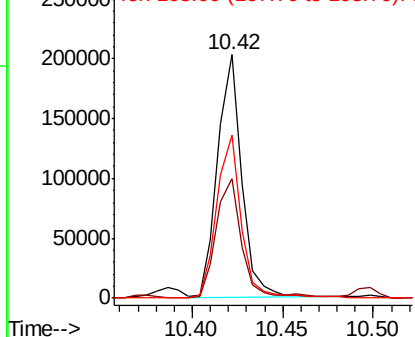


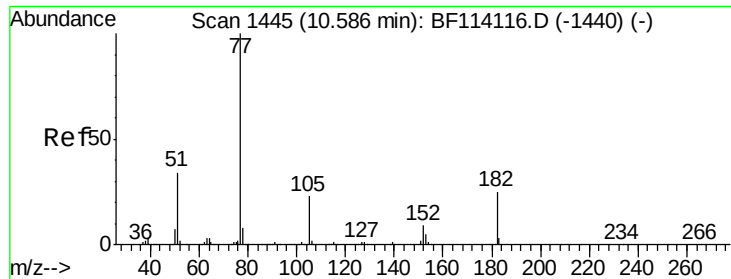
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.368 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

Tot Ion: 77 Resp: 752969

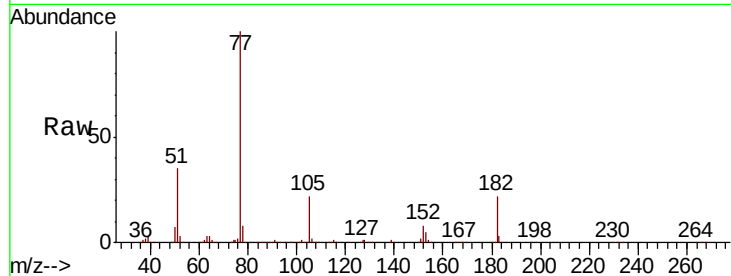
Ion Ratio Lower Upper

77 100

182 22.2 4.7 44.7

105 21.7 2.9 42.9

51 35.1 14.6 54.6

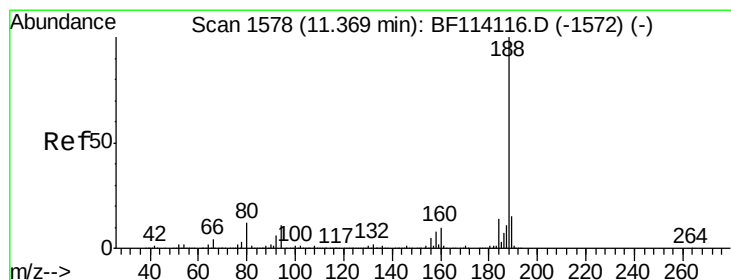
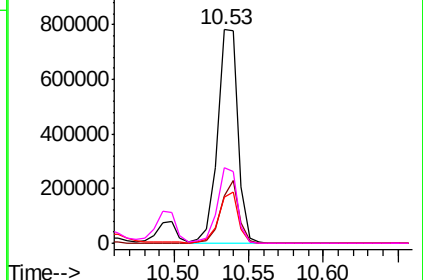
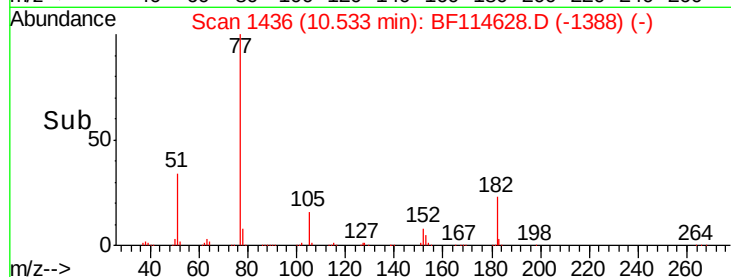


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF114628.D

Acq: 26 May 2019 3:40

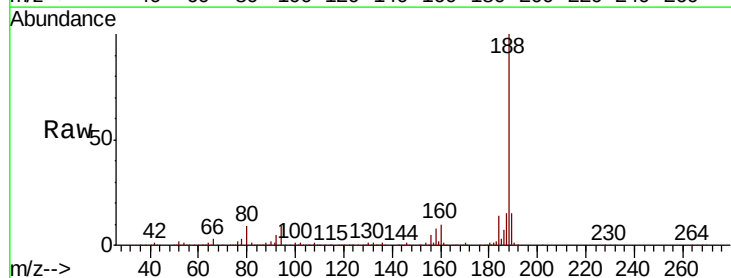
Tgt Ion: 188 Resp: 484909

Ion Ratio Lower Upper

188 100

94 8.9 8.4 12.6

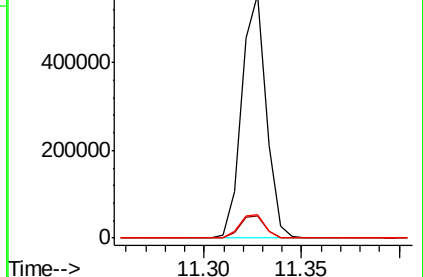
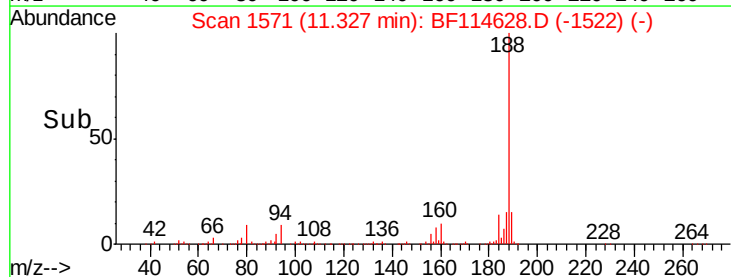
80 9.4 9.2 13.8

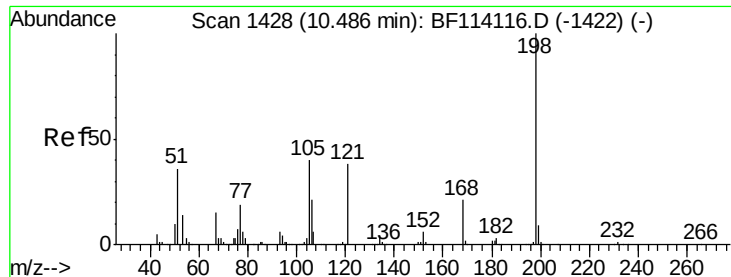


Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.692 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

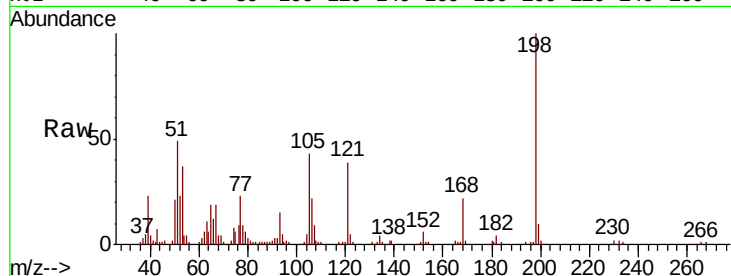
BNA_F

ClientSampleId :

PB120077BS

Tot Ion:198 Resp: 97145

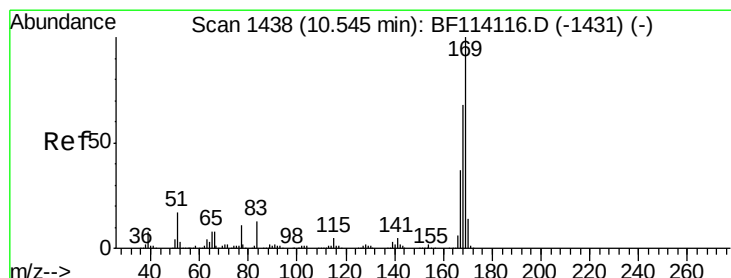
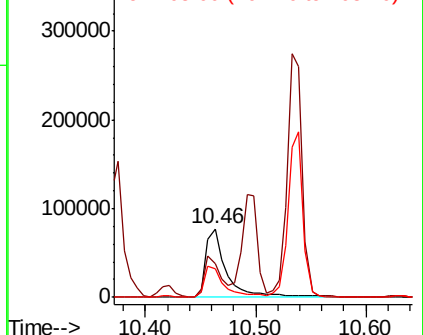
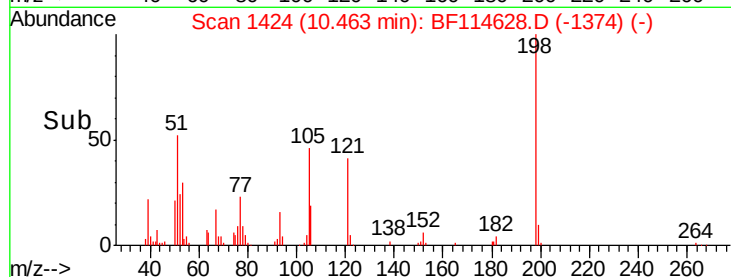
Ion	Ratio	Lower	Upper
198	100		
51	48.9	28.0	68.0
105	42.7	21.1	61.1



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: 45.981 ng

RT: 10.50 min Scan# 1430

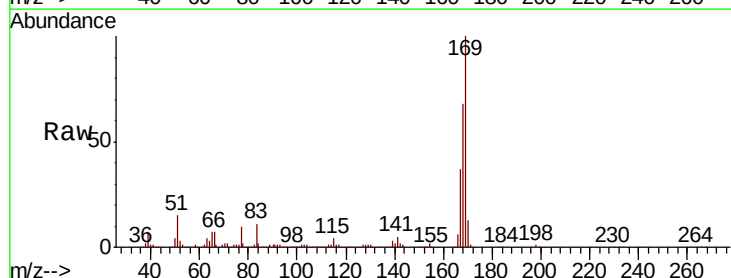
Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Tgt Ion:169 Resp: 676705

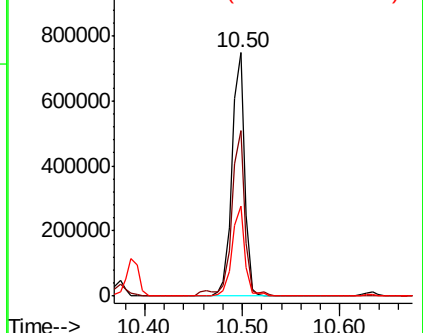
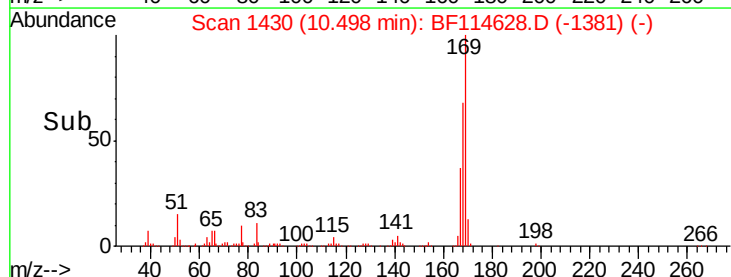
Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.2	81.2
167	37.1	29.8	44.8

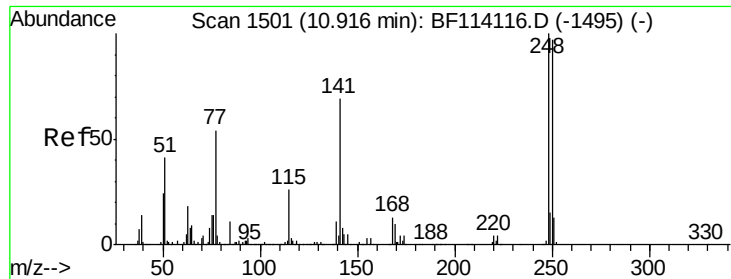


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

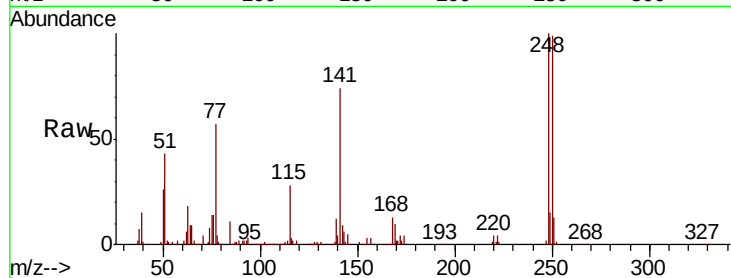




#67
4-Bromophenyl-phenylether
Concen: 42.374 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.4	116.2
141	73.9	55.6	83.4

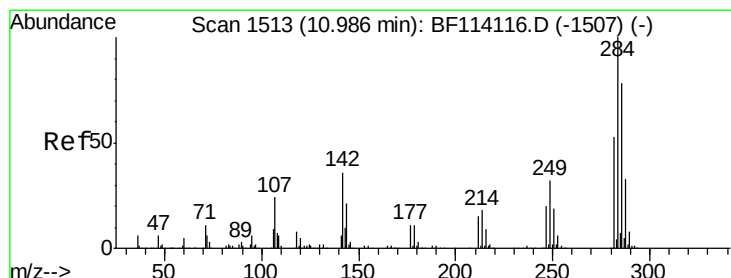
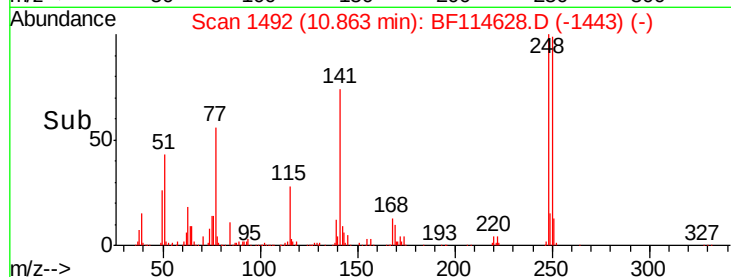
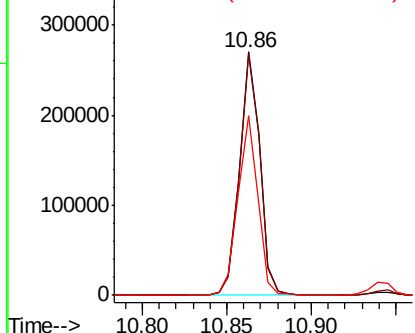


Abundance

Ion 248.00 (247.70 to 248.70): E

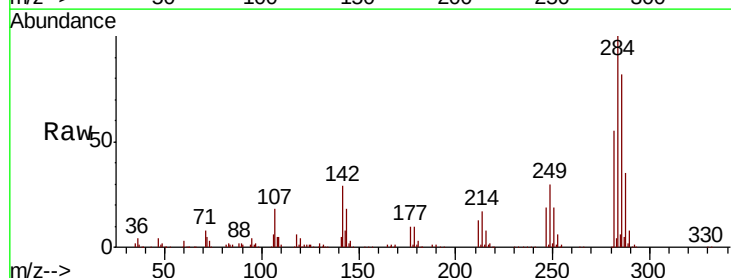
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.192 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	28.4	42.6
249	29.7	25.2	37.8

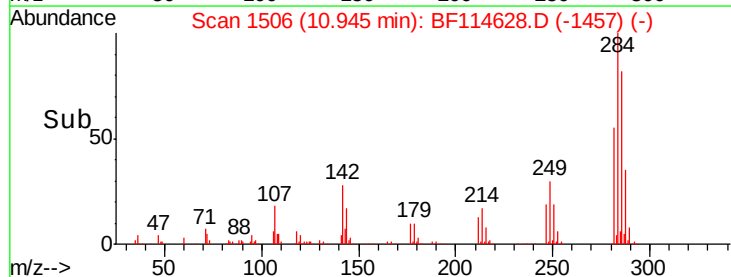
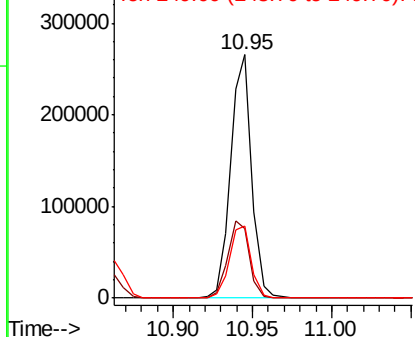


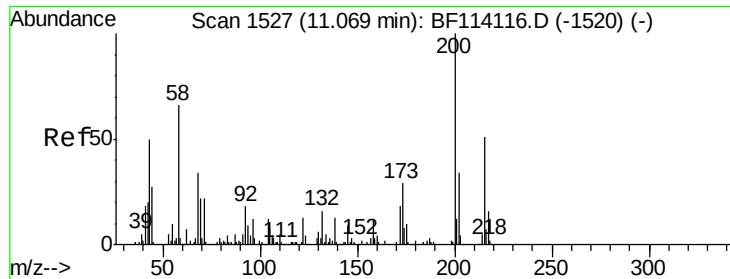
Abundance

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: 42.769 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

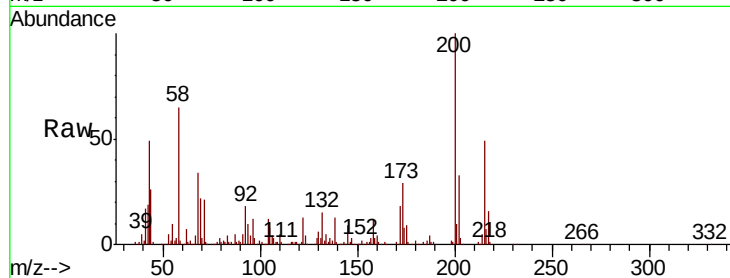
Tot Ion:200 Resp: 195876

Ion Ratio Lower Upper

200 100

173 28.6 8.9 48.9

215 48.7 30.7 70.7

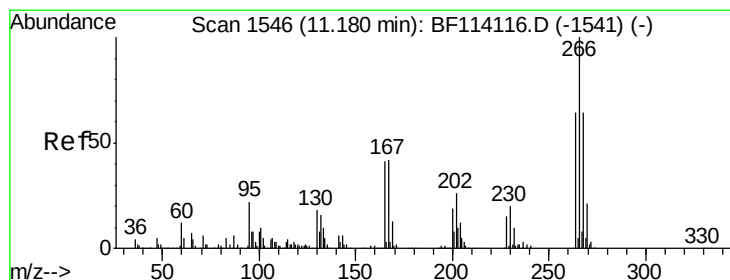
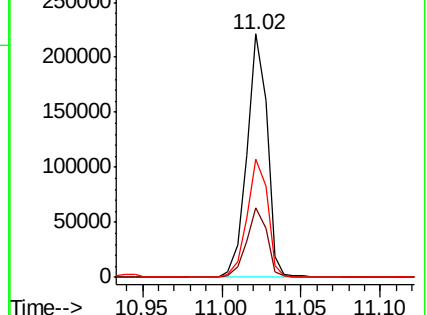
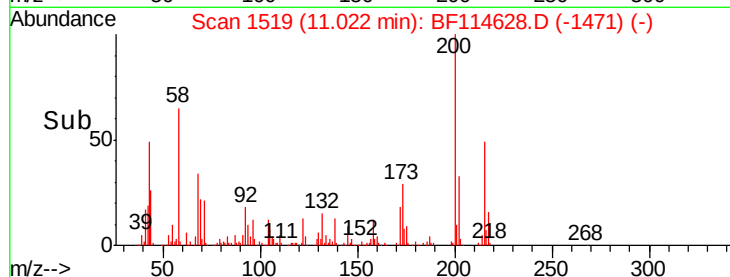


Abundance

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: 52.480 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

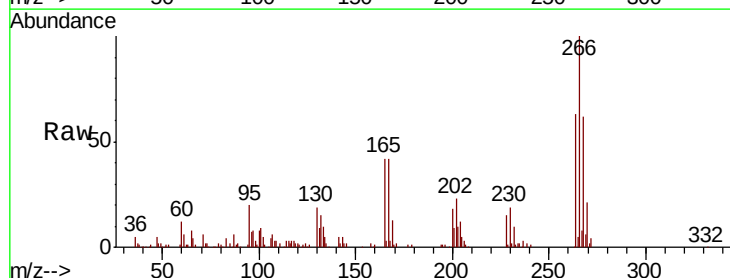
Tgt Ion:266 Resp: 146939

Ion Ratio Lower Upper

266 100

268 61.9 51.1 76.7

264 62.9 51.1 76.7

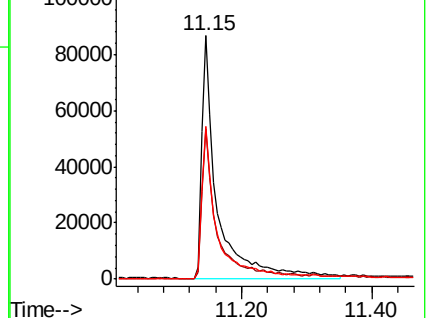
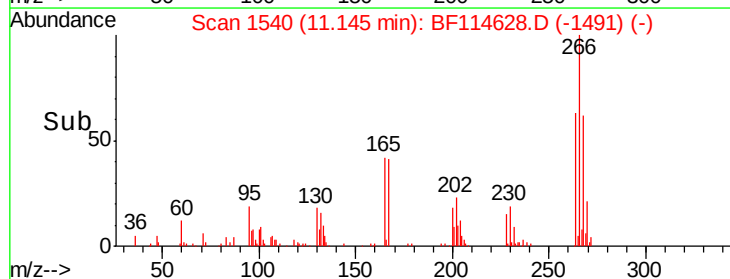


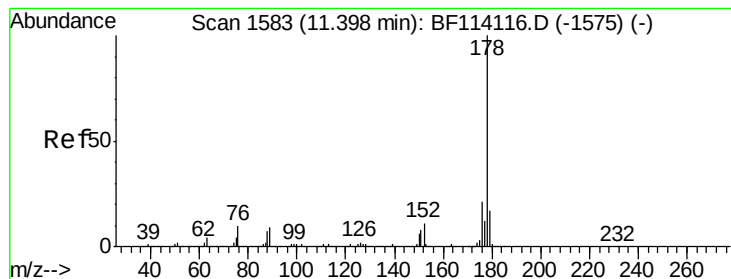
Abundance

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: 46.208 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

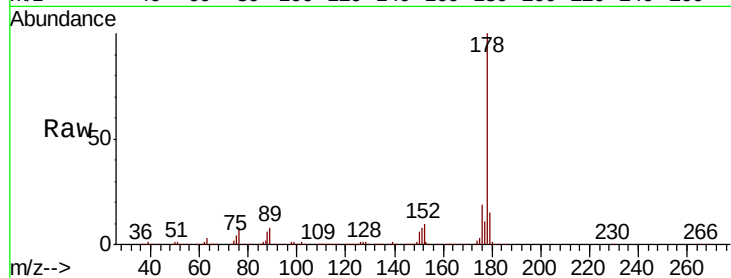
Tot Ion:178 Resp: 1090117

Ion Ratio Lower Upper

178 100

176 19.3 16.4 24.6

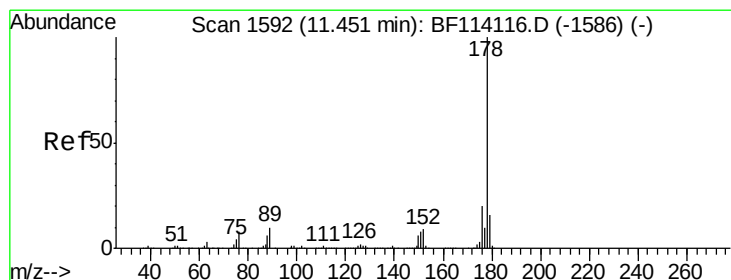
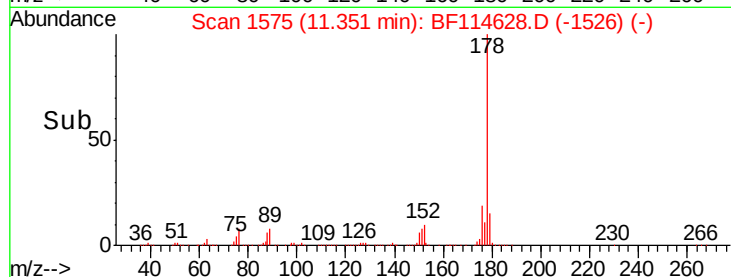
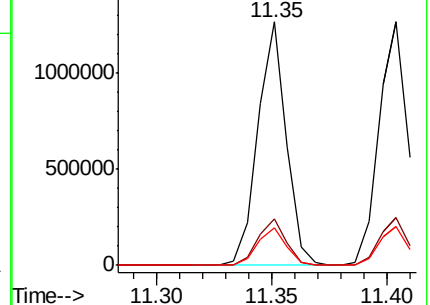
179 15.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.519 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

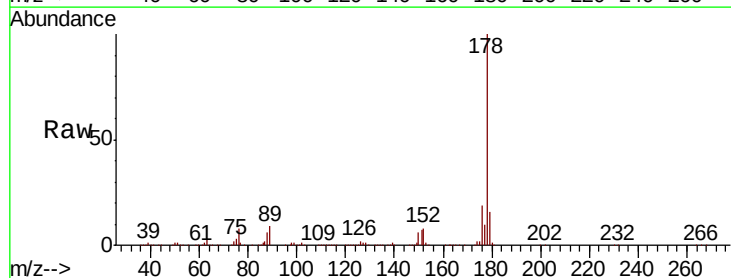
Tgt Ion:178 Resp: 1125992

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

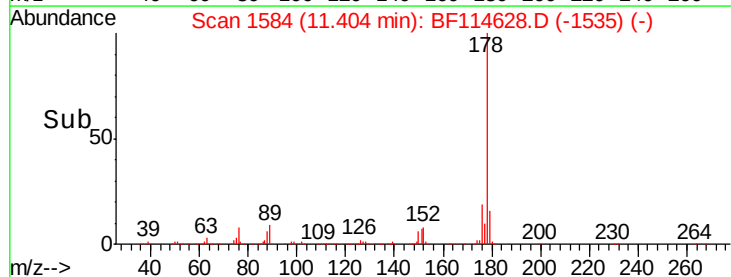
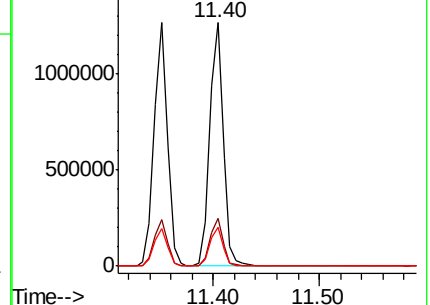
179 15.9 13.0 19.4

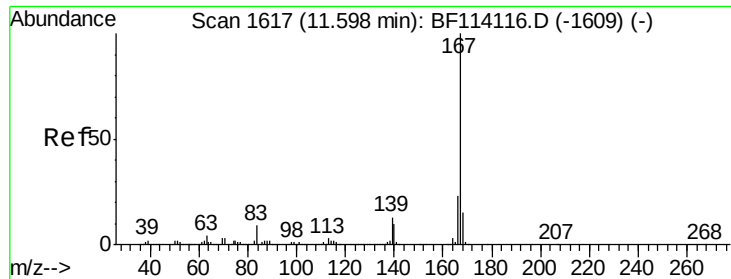


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

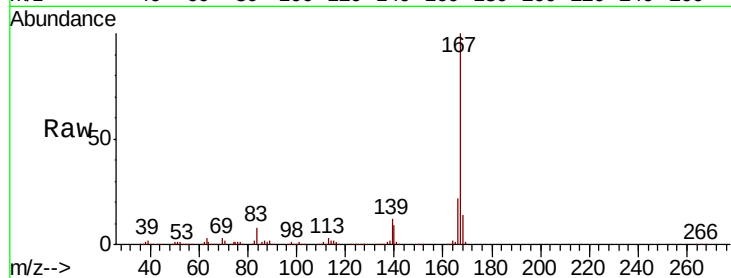




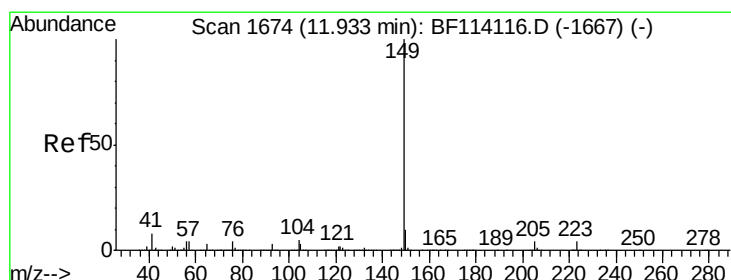
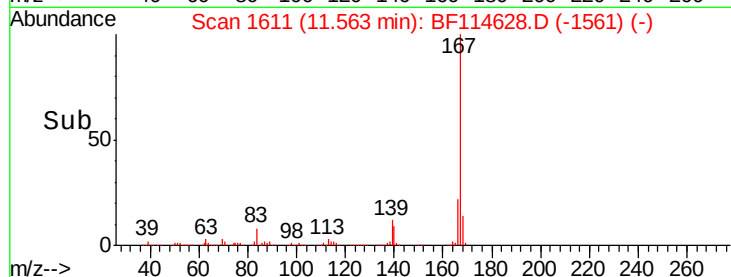
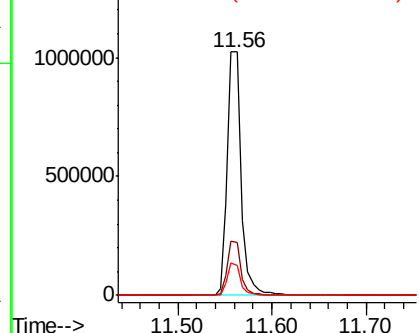
#73
 Carbazole
 Concen: 46.728 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion:167 Resp: 1055864
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 12.2 10.6 16.0

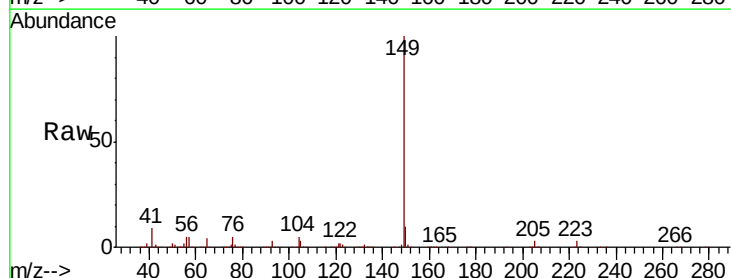


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

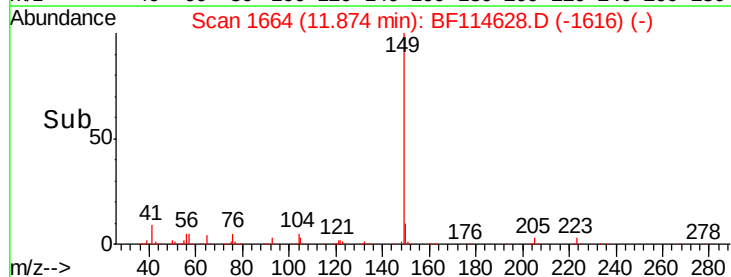
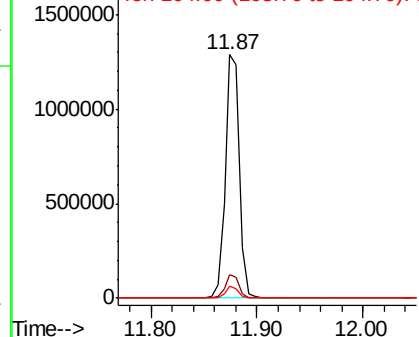


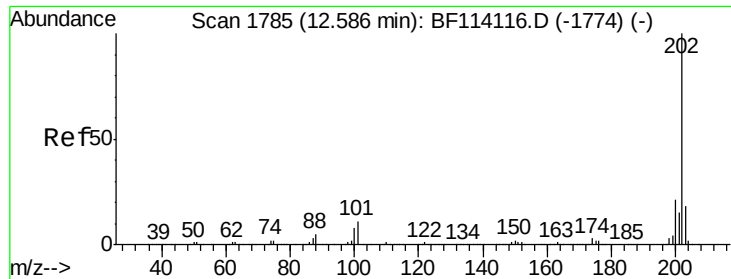
#74
 Di-n-butylphthalate
 Concen: 46.173 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion:149 Resp: 1202002
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.7 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

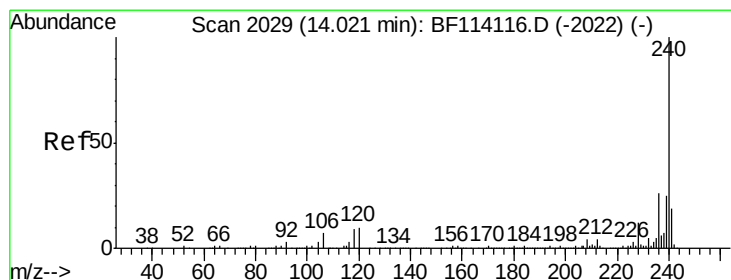
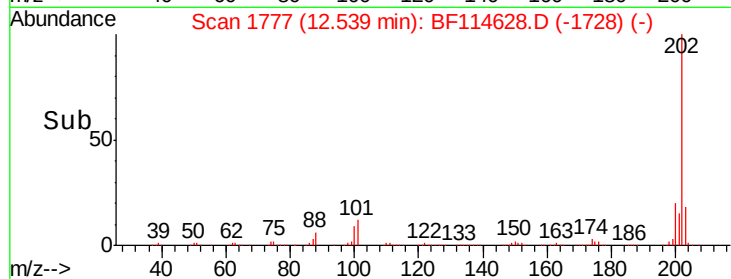
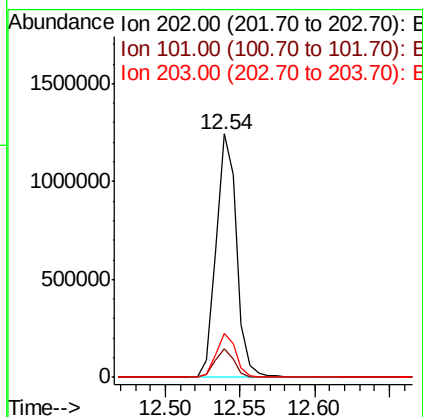
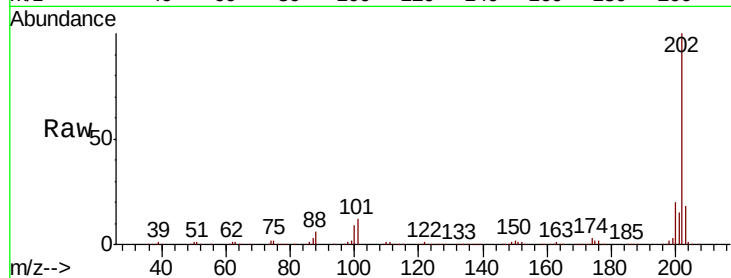




#75
 Fluoranthene
 Concen: 46.873 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

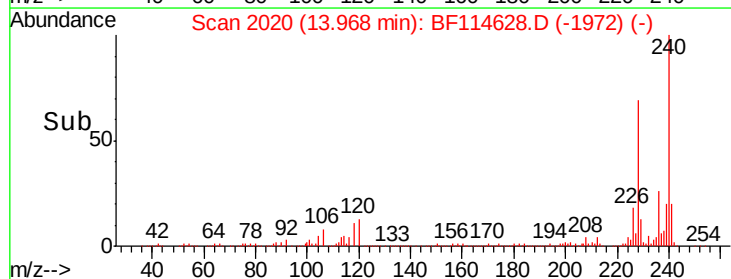
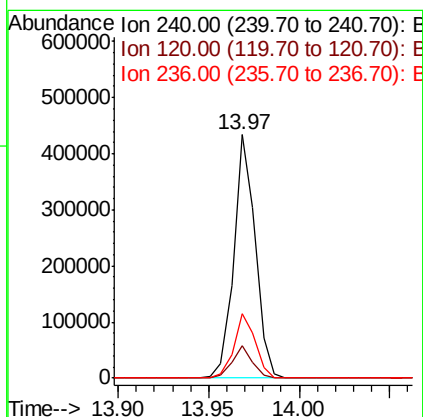
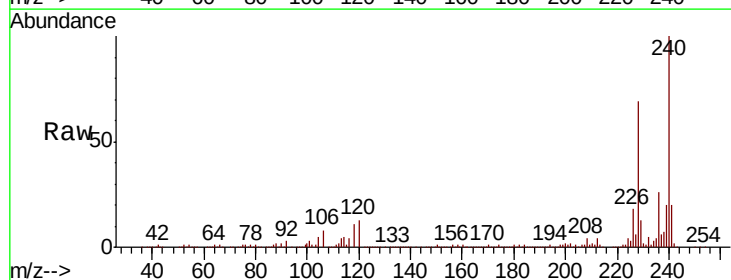
Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

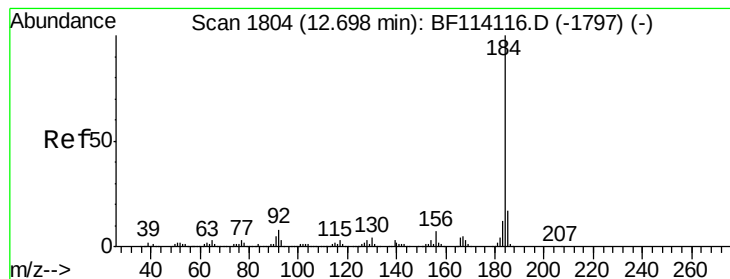
Tot Ion:202 Resp: 1190810
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.0
 203 18.1 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion:240 Resp: 359455
 Ion Ratio Lower Upper
 240 100
 120 13.1 8.3 12.5#
 236 26.3 20.8 31.2





#77

Benzidine

Concen: 37.949 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

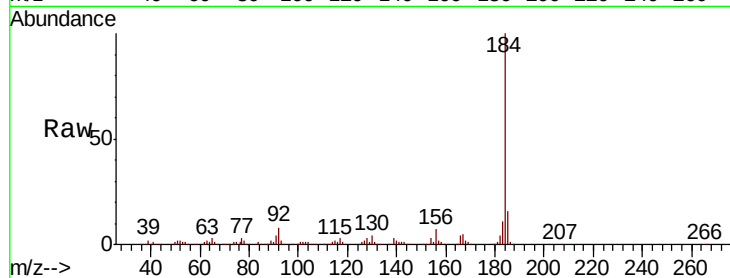
Tot Ion:184 Resp: 612318

Ion Ratio Lower Upper

184 100

185 15.7 13.6 20.4

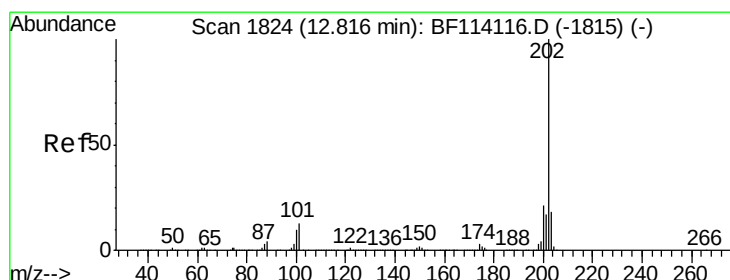
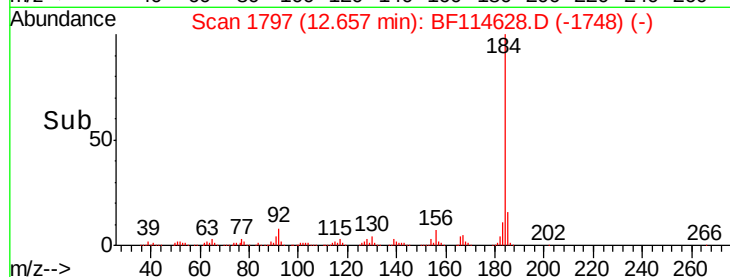
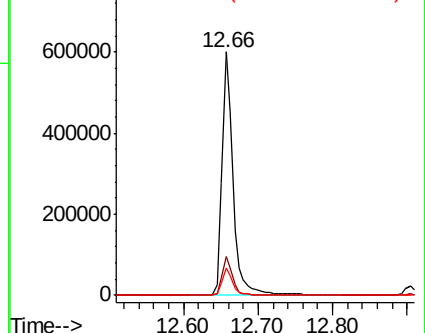
183 11.2 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.131 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

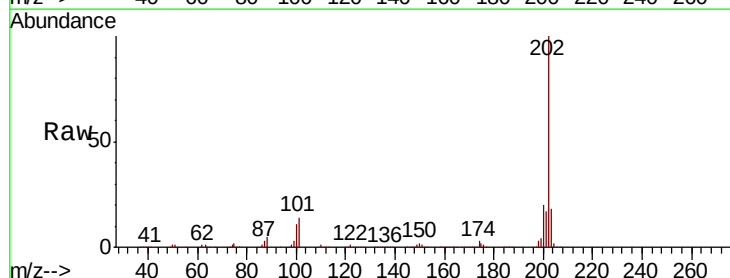
Tgt Ion:202 Resp: 1218265

Ion Ratio Lower Upper

202 100

200 20.0 16.9 25.3

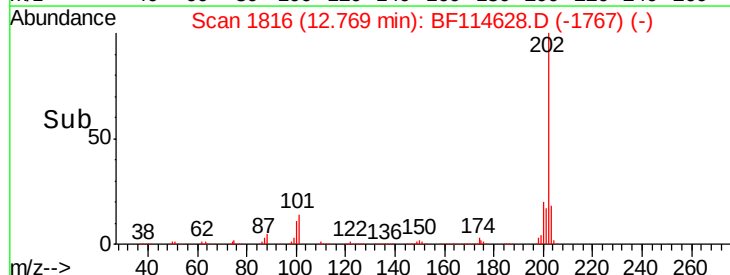
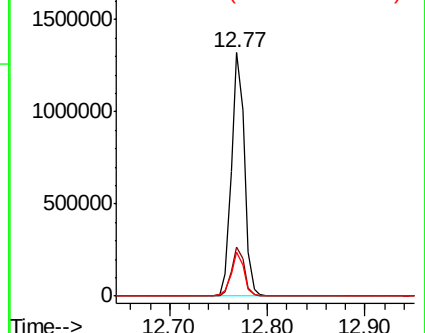
203 18.0 14.5 21.7

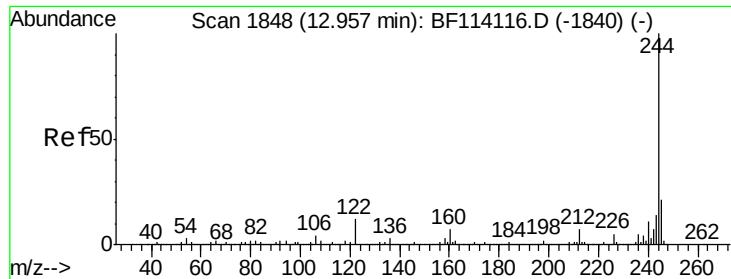


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.690 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

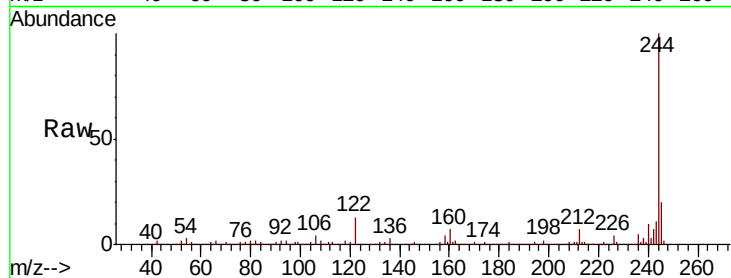
Tot Ion:244 Resp: 1563937

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

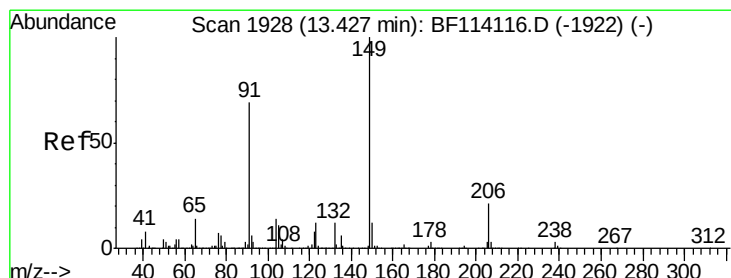
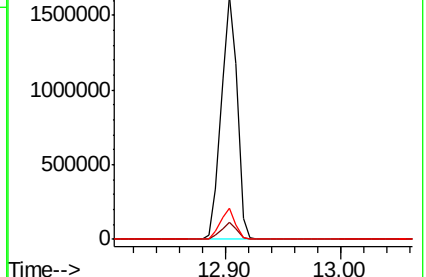
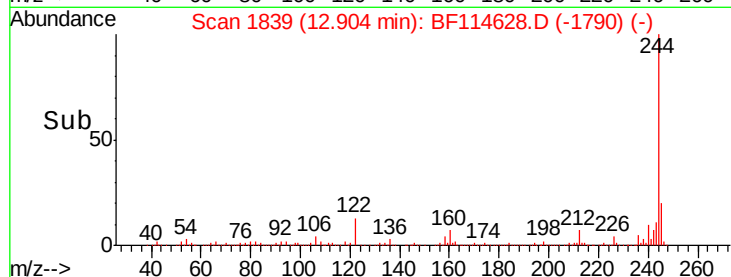
122 12.7 9.4 14.2



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: 44.317 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

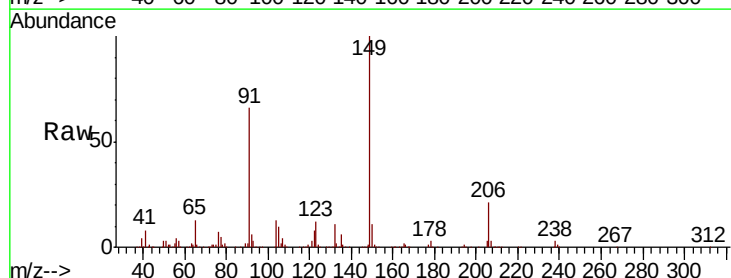
Tgt Ion:149 Resp: 539389

Ion Ratio Lower Upper

149 100

91 65.9 55.0 82.4

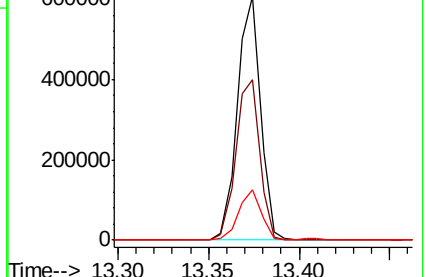
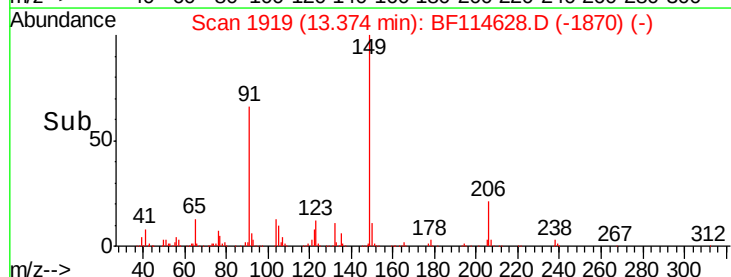
206 20.8 16.9 25.3

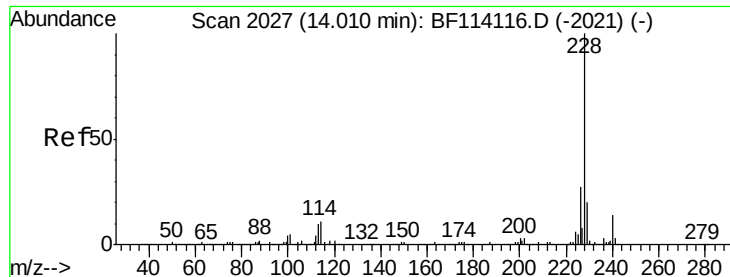


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.075 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

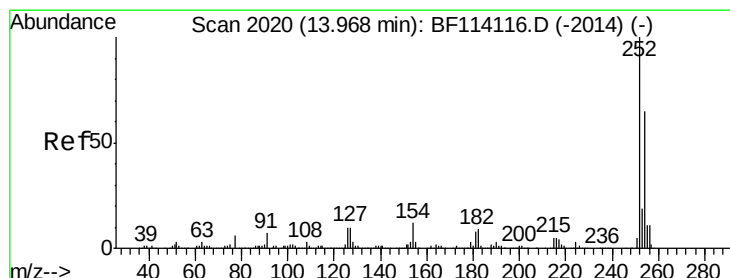
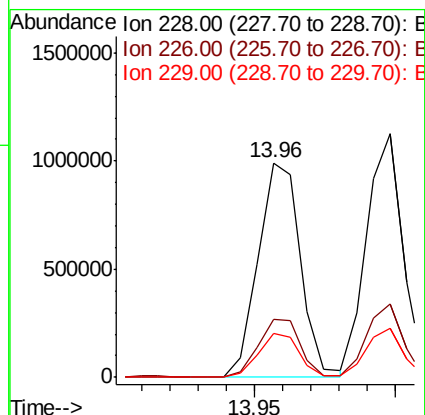
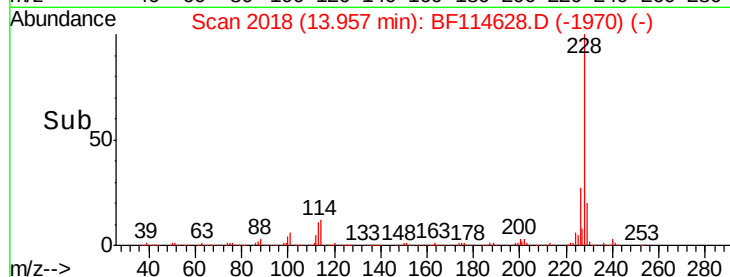
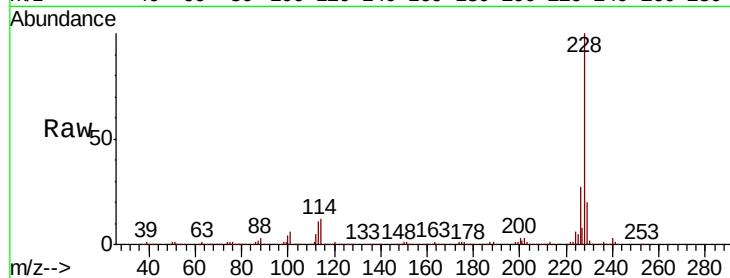
BNA_F

ClientSampleId :

PB120077BS

Tot Ion:228 Resp: 1024720

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	20.4	16.4	24.6



#82

3,3'-Dichlorobenzidine

Concen: 32.260 ng

RT: 13.92 min Scan# 2011

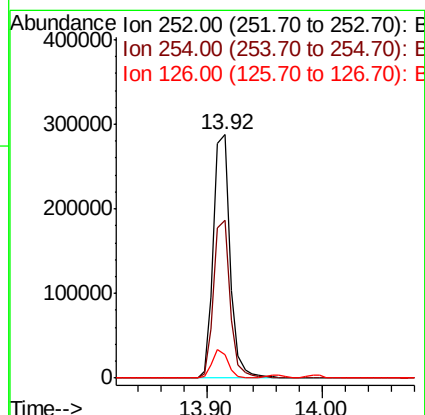
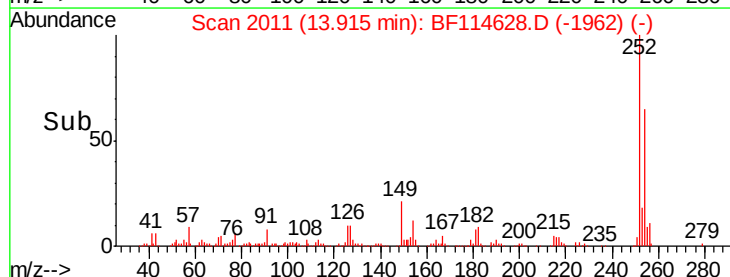
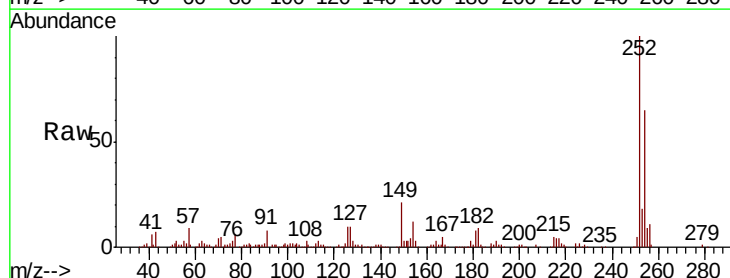
Delta R.T. -0.01 min

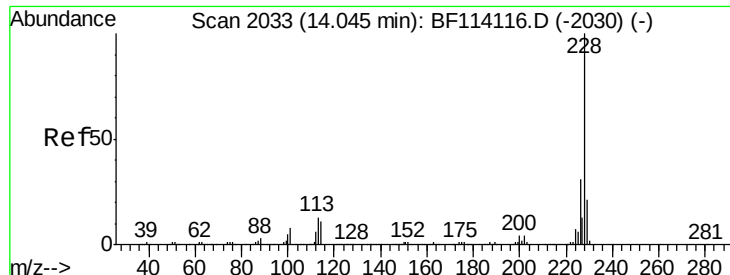
Lab File: BF114628.D

Acq: 26 May 2019 3:40

Tgt Ion:252 Resp: 290955

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	9.6	7.9	11.9





#83

Chrysene

Concen: 44.548 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

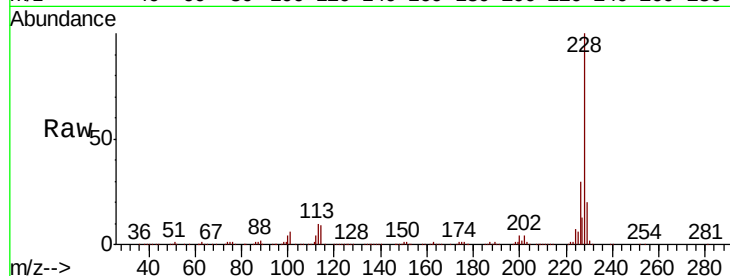
Tot Ion:228 Resp: 1015285

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

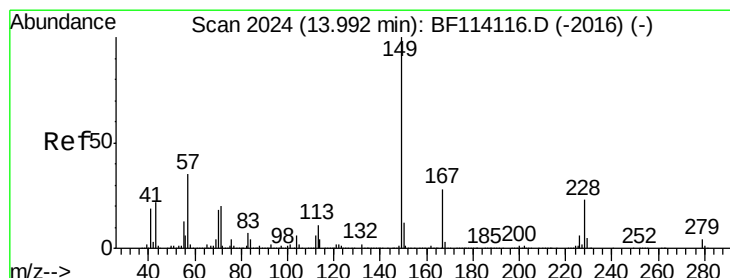
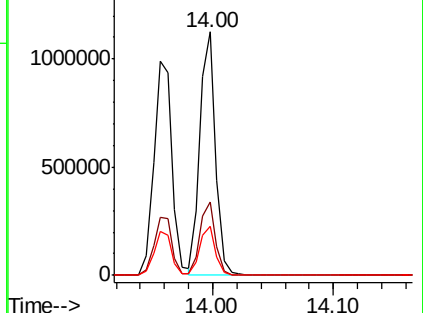
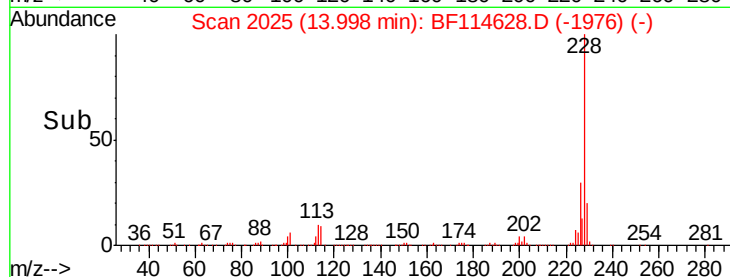
229 20.3 17.0 25.6



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: 45.805 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

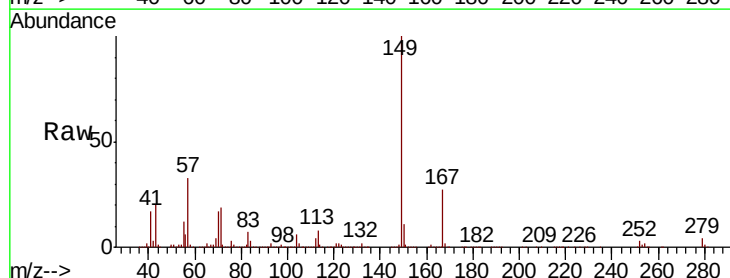
Tgt Ion:149 Resp: 729145

Ion Ratio Lower Upper

149 100

167 26.8 22.6 33.8

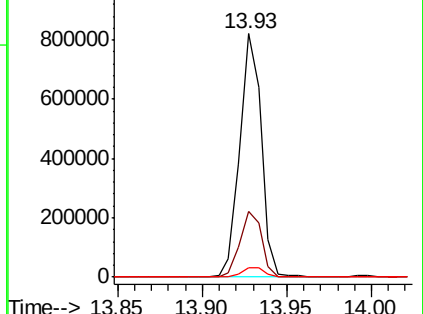
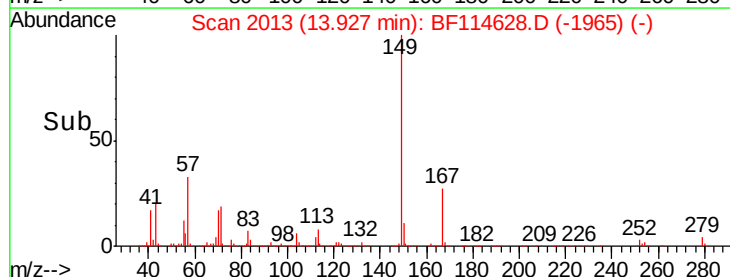
279 3.7 3.0 4.6

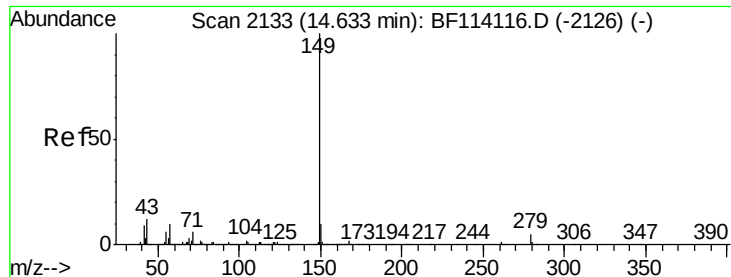


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

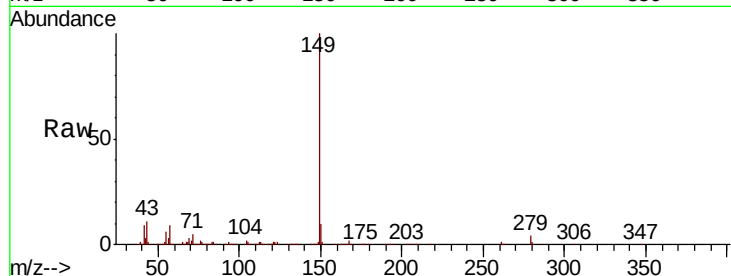




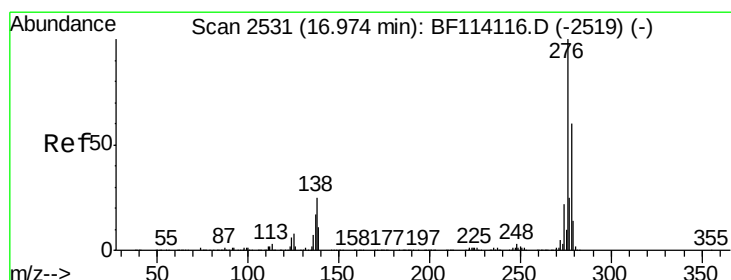
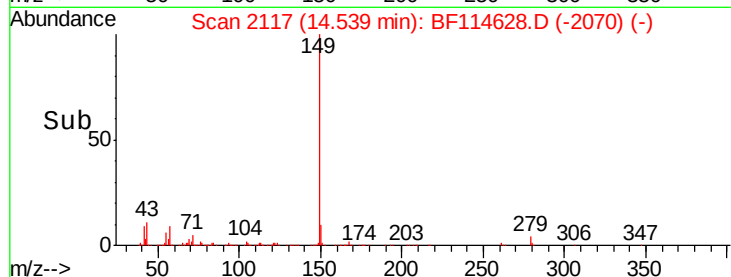
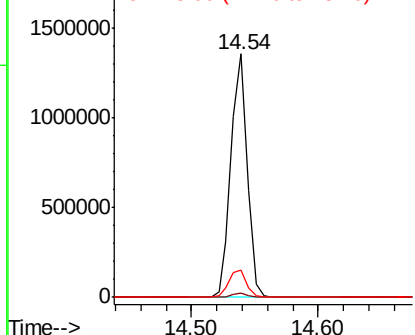
#85
Di-n-octyl phthalate
Concen: 46.595 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion:149 Resp: 1202358
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 10.1 15.1

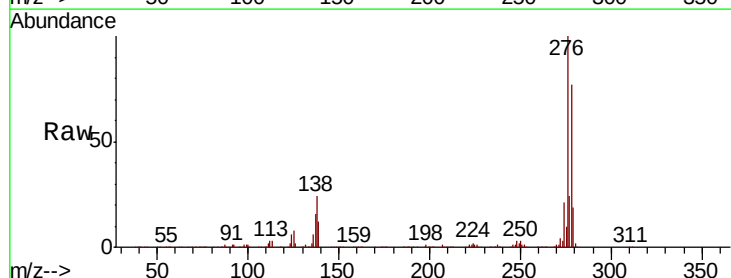


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

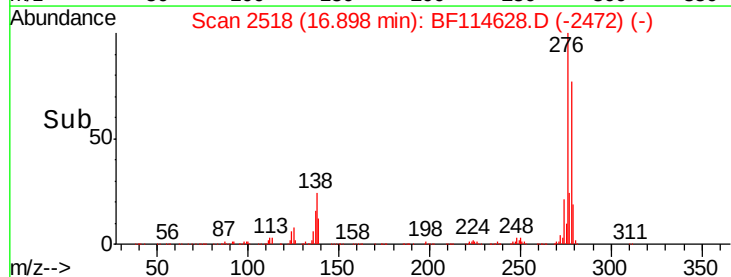
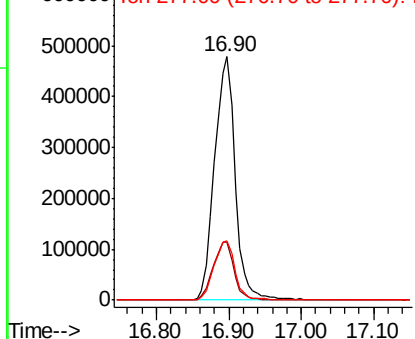


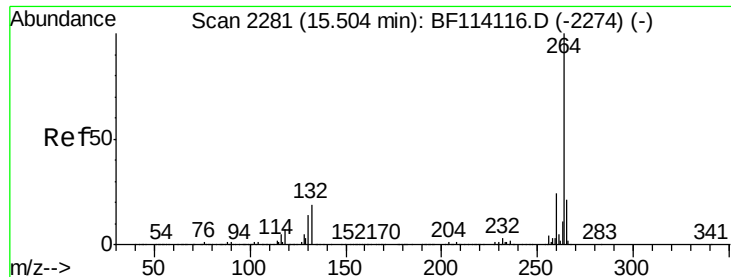
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.164 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.03 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:276 Resp: 949997
Ion Ratio Lower Upper
276 100
138 24.2 20.2 30.2
277 24.8 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

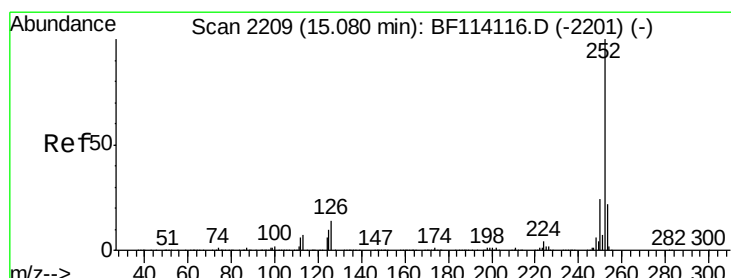
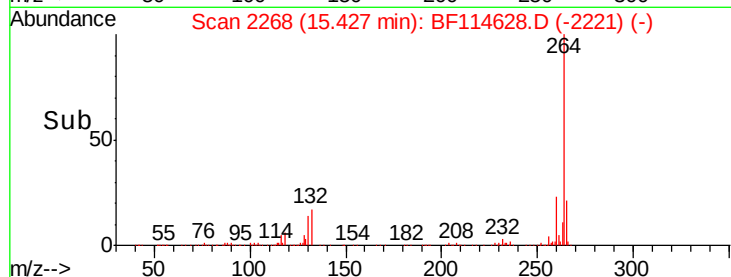
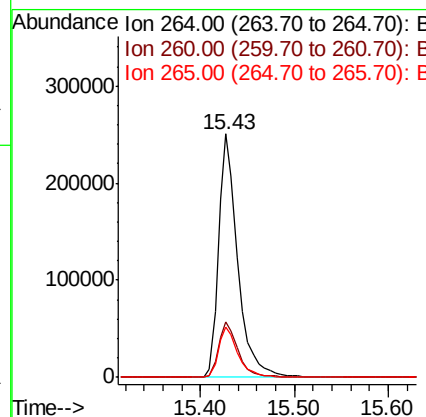
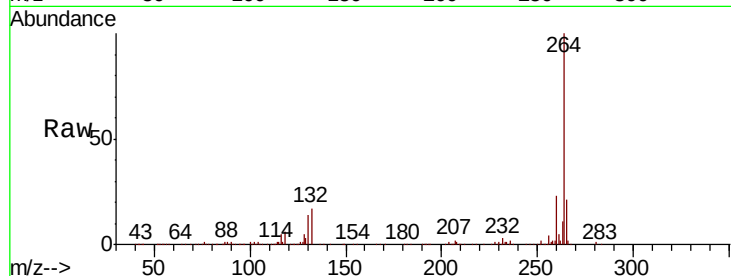




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

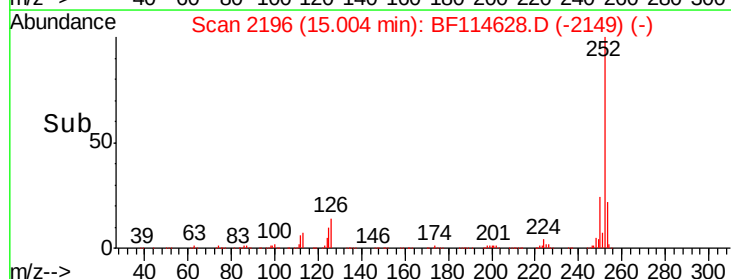
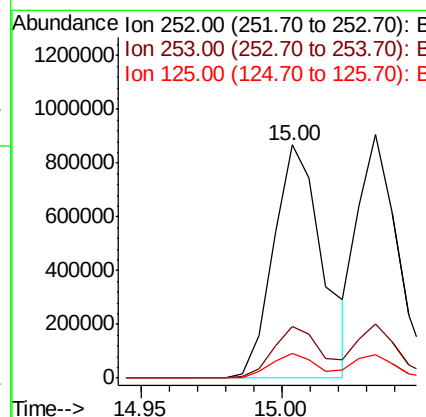
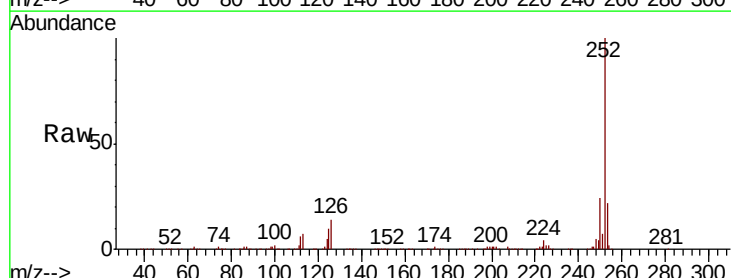
Instrument :
BNA_F
ClientSampleId :
PB120077BS

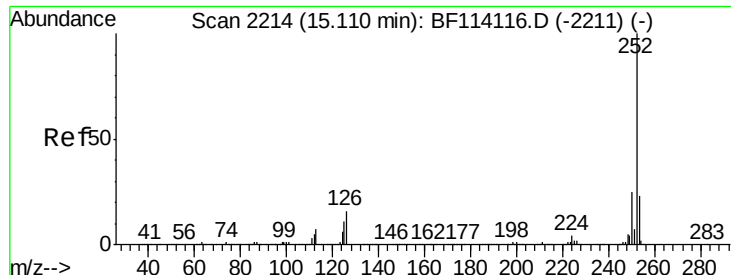
Tot Ion:264 Resp: 357681
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.0
265 20.8 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 45.615 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:252 Resp: 1045261
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.4 8.3 12.5

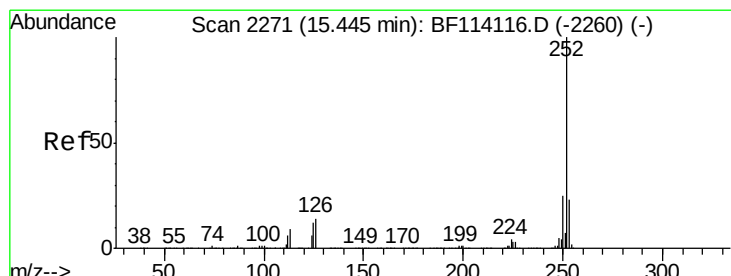
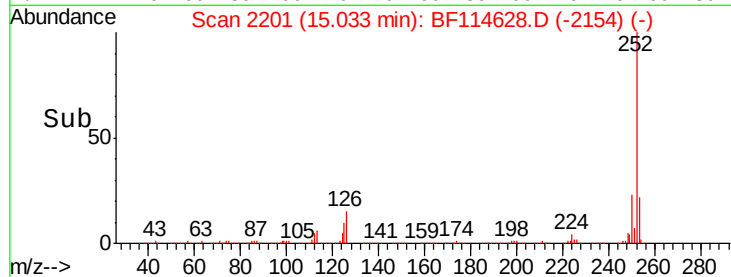
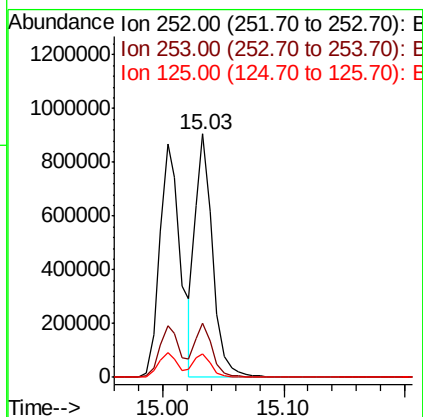
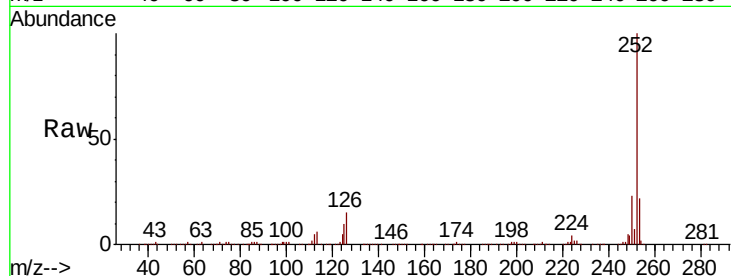




#89
Benzo(k)fluoranthene
Concen: 42.929 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

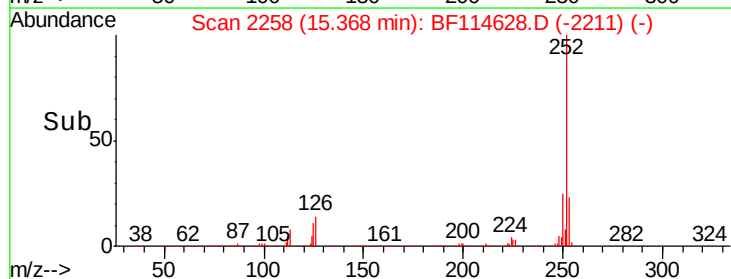
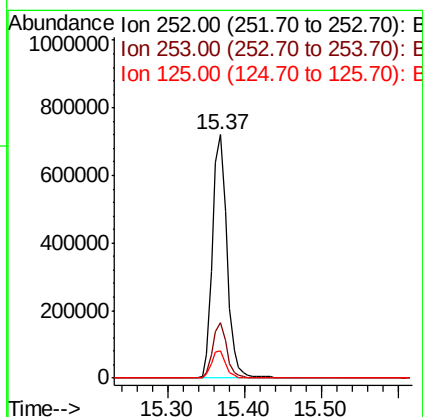
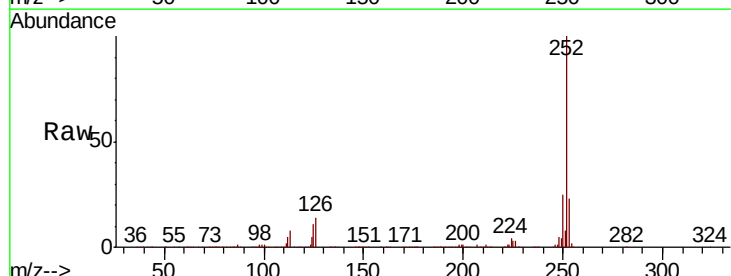
Instrument :
BNA_F
ClientSampleId :
PB120077BS

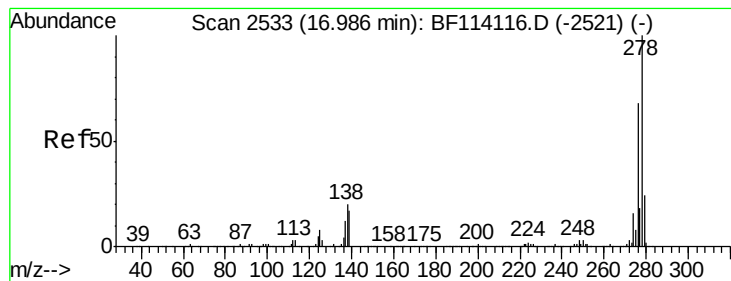
Tot Ion:252 Resp: 903648
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.8 8.6 13.0



#90
Benzo(a)pyrene
Concen: 46.079 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:252 Resp: 929276
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.0 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 47.052 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

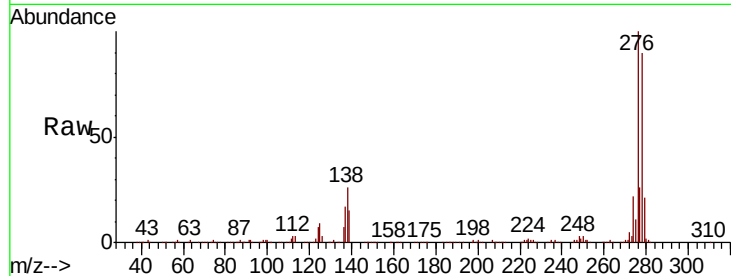
Tot Ion:278 Resp: 788500

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

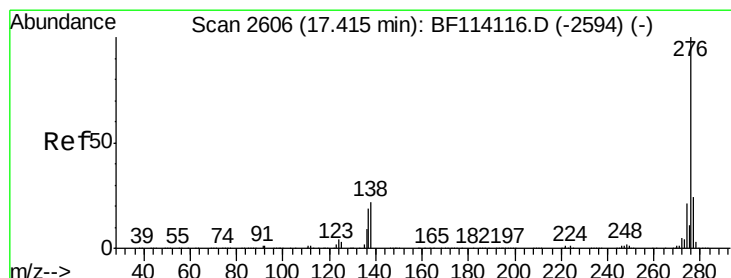
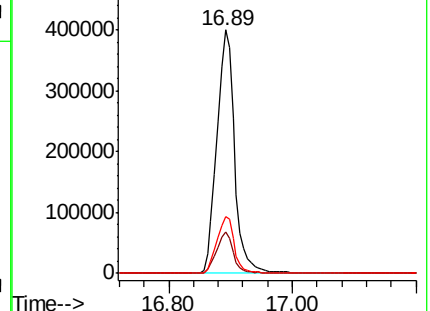
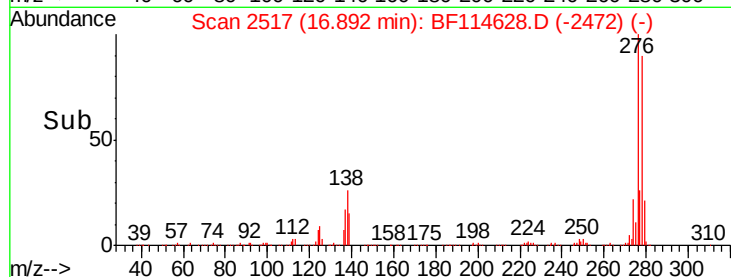
279 23.5 19.0 28.6



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: 48.207 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

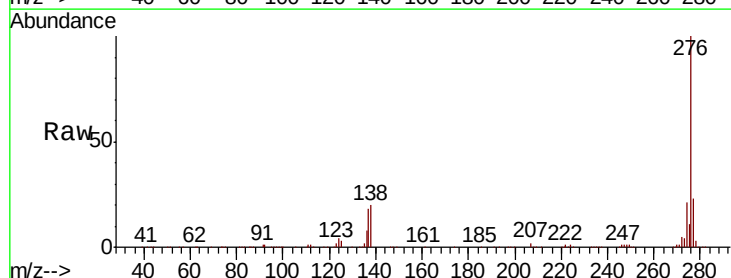
Tgt Ion:276 Resp: 809586

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.4

138 19.9 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

