

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114306.D
 Acq On : 16 May 2019 13:55
 Operator : JU/SJ
 Sample : PB119776BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Quant Time: May 17 08:00:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	256582	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1015725	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	484362	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	956655	20.00	ng	0.00
76) Chrysene-d12	14.02	240	700909	20.00	ng	0.00
87) Perylene-d12	15.50	264	675573	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1617895	101.47	ng	0.02
7) Phenol-d6	6.50	99	2077508	110.17	ng	0.01
23) Nitrobenzene-d5	7.42	82	1171825	64.74	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	518219	103.49	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1995899	62.33	ng	0.00
79) Terphenyl-d14	12.96	244	2124301	62.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	272603	31.106	ng	98
3) Pyridine	3.47	79	711825	29.480	ng	95
4) n-Nitrosodimethylamine	3.42	42	348853	29.960	ng	94
6) Aniline	6.52	93	626953	23.016	ng	# 24
8) 2-Chlorophenol	6.65	128	616275	36.206	ng	95
9) Benzaldehyde	6.40	77	261170	19.783	ng	100
10) Phenol	6.52	94	743414	33.512	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	615647	36.556	ng	98
12) 1,3-Dichlorobenzene	6.79	146	644878	33.752	ng	99
13) 1,4-Dichlorobenzene	6.87	146	653275	33.931	ng	97
14) 1,2-Dichlorobenzene	7.02	146	605692	34.434	ng	99
15) Benzyl Alcohol	7.00	79	502267	34.150	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1115792	34.170	ng	70
17) 2-Methylphenol	7.12	107	504873	36.108	ng	# 92
18) Hexachloroethane	7.36	117	245668	33.994	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	429164	35.905	ng	99
20) 3+4-Methylphenols	7.27	107	633225	39.198	ng	# 61
22) Acetophenone	7.26	105	817207	36.318	ng	92
24) Nitrobenzene	7.43	77	655837	35.577	ng	95
25) Isophorone	7.67	82	1192365	35.522	ng	98
26) 2-Nitrophenol	7.75	139	338458	37.844	ng	98
27) 2,4-Dimethylphenol	7.79	122	548574	39.054	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	774219	35.548	ng	99
29) 2,4-Dichlorophenol	8.00	162	503523	35.999	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	544061	34.207	ng	99
31) Naphthalene	8.15	128	1747289	36.827	ng	99
32) Benzoic acid	7.93	122	292683	31.969	ng	97
33) 4-Chloroaniline	8.20	127	482451	22.314	ng	99
34) Hexachlorobutadiene	8.27	225	304608	33.659	ng	98
35) Caprolactam	8.57	113	96209	21.095	ng	91
36) 4-Chloro-3-methylphenol	8.70	107	535384	38.027	ng	98
37) 2-Methylnaphthalene	8.85	142	1172385	38.298	ng	98
38) 1-Methylnaphthalene	8.95	142	1108628	38.457	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	524734	35.763	ng	98

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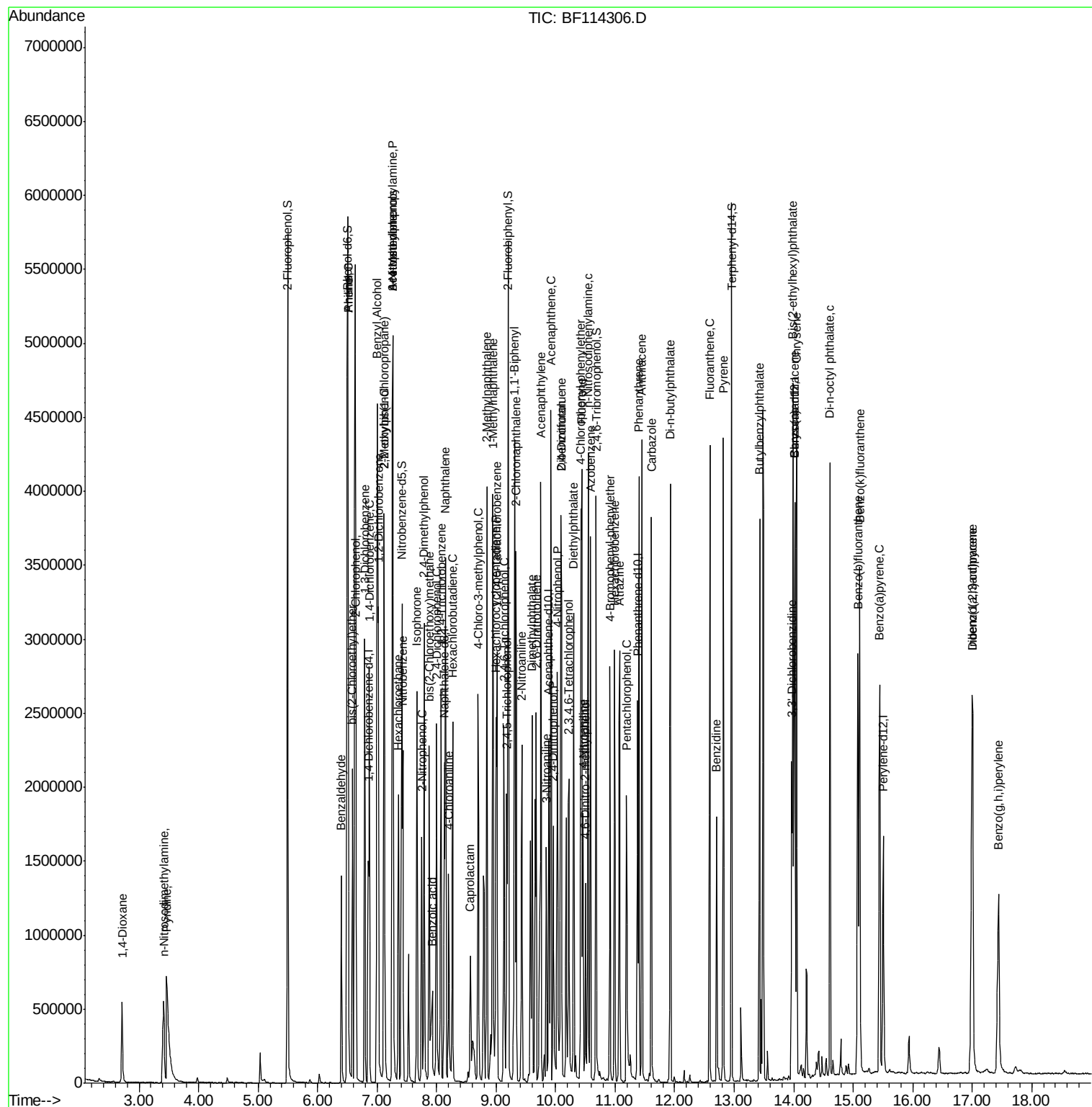
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41) Hexachlorocyclopentadiene	9.00	237	329880	49.975	nq	97
43) 2,4,6-Trichlorophenol	9.13	196	338796	33.570	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	354693	34.270	nq	99
46) 1,1'-Biphenyl	9.31	154	1402194	35.834	nq	98
47) 2-Chloronaphthalene	9.33	162	1075808	34.162	nq	99
48) 2-Nitroaniline	9.43	65	374729	33.553	nq	99
49) Acenaphthylene	9.75	152	1716384	35.835	nq	99
50) Dimethylphthalate	9.60	163	1232274	34.657	nq	99
51) 2,6-Dinitrotoluene	9.67	165	284527	36.078	nq	92
52) Acenaphthene	9.92	154	996037	33.889	nq	98
53) 3-Nitroaniline	9.85	138	232781	23.778	nq	99
54) 2,4-Dinitrophenol	9.96	184	245469	63.426	nq	98
55) Dibenzofuran	10.09	168	1467010	34.039	nq	99
56) 4-Nitrophenol	10.03	139	363660	52.527	nq	94
57) 2,4-Dinitrotoluene	10.09	165	362090	33.827	nq	96
58) Fluorene	10.44	166	1173594	35.254	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	285677	31.990	nq	# 99
60) Diethylphthalate	10.30	149	1232926	34.127	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	570870	34.915	nq	98
62) 4-Nitroaniline	10.46	138	329876	32.066	nq	96
63) Azobenzene	10.59	77	1225637	35.048	nq	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	159633	34.727	nq	86
66) n-Nitrosodiphenylamine	10.55	169	1059807	36.501	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	357252	33.917	nq	97
68) Hexachlorobenzene	10.99	284	386724	33.188	nq	97
69) Atrazine	11.07	200	321073	35.535	nq	97
70) Pentachlorophenol	11.19	266	314025	56.850	nq	99
71) Phenanthrene	11.40	178	1659069	35.646	nq	99
72) Anthracene	11.45	178	1748143	37.395	nq	100
73) Carbazole	11.61	167	1670210	37.467	nq	98
74) Di-n-butylphthalate	11.93	149	1932218	37.623	nq	99
75) Fluoranthene	12.59	202	1839187	36.695	nq	99
77) Benzdine	12.70	184	780884	24.819	nq	97
78) Pyrene	12.82	202	1860192	32.991	nq	100
80) Butylbenzylphthalate	13.43	149	868729	36.605	nq	99
81) Benzo(a)anthracene	14.01	228	1606154	35.429	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	488651	27.786	nq	99
83) Chrysene	14.05	228	1559990	35.103	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1201092	38.696	nq	100
85) Di-n-octyl phthalate	14.61	149	2018844	40.123	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1376943	35.058	nq	99
88) Benzo(b)fluoranthene	15.08	252	1617324	37.368	nq	100
89) Benzo(k)fluoranthene	15.11	252	1465814	36.868	nq	100
90) Benzo(a)pyrene	15.45	252	1482582	38.922	nq	98
91) Dibenzo(a,h)anthracene	17.01	278	1150037	36.334	nq	98
92) Benzo(g,h,i)perylene	17.44	276	1144867	36.093	nq	99

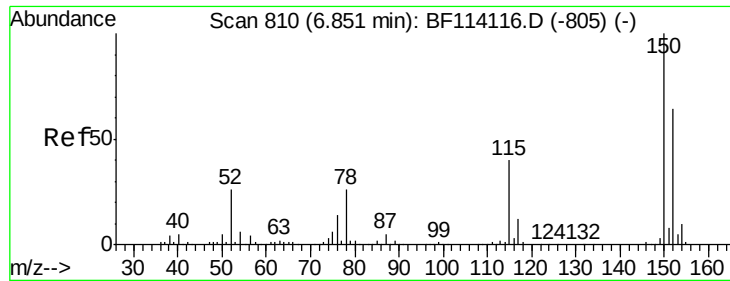
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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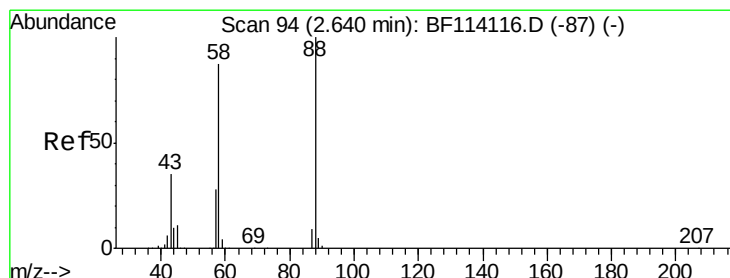
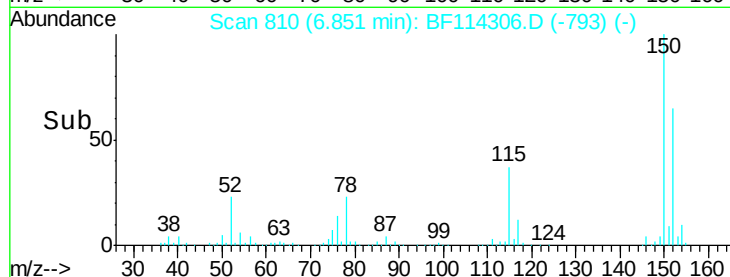
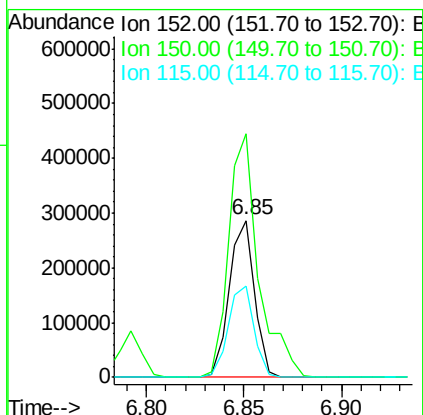
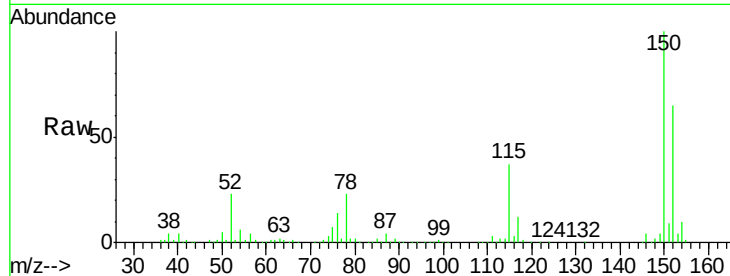


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

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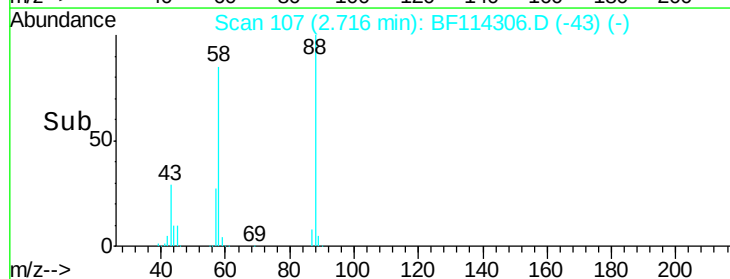
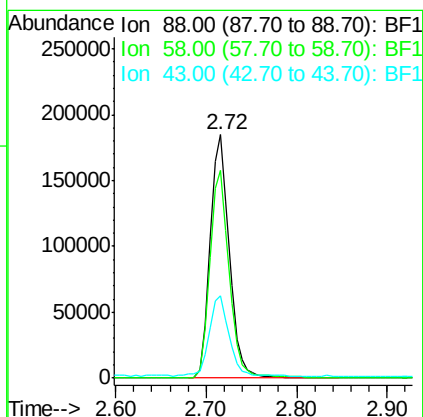
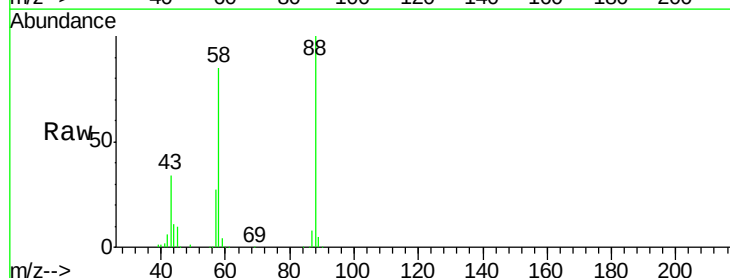
Tot Ion:152 Resp: 256582
Ion Ratio Lower Upper
152 100
150 154.9 124.3 186.5
115 57.8 49.1 73.7

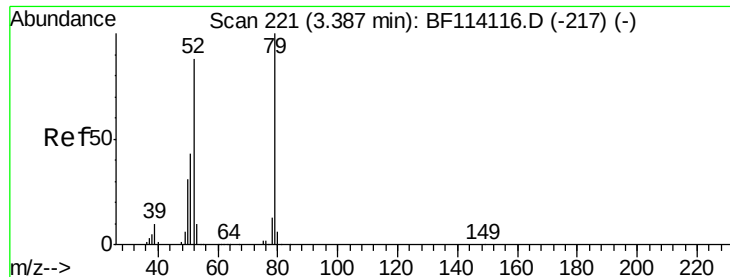


#2

1,4-Dioxane
Concen: 31.106 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.08 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion: 88 Resp: 272603
Ion Ratio Lower Upper
88 100
58 84.3 68.7 103.1
43 34.5 28.2 42.2





#3

Pvridine

Concen: 29.480 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.08 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

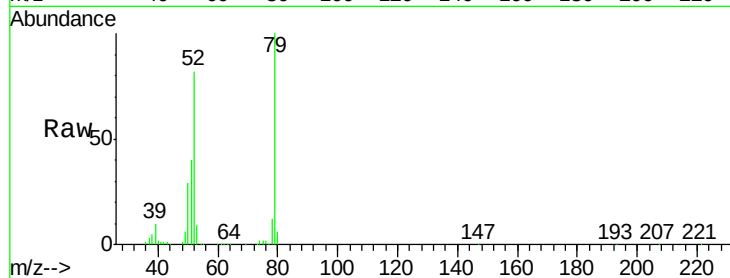
Tot Ion: 79 Resp: 711825

Ion Ratio Lower Upper

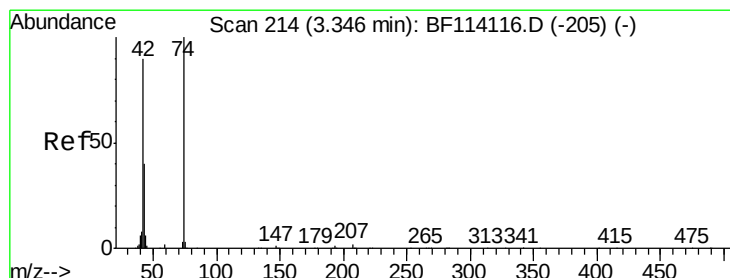
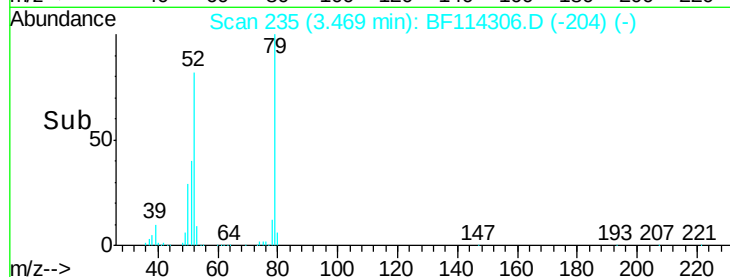
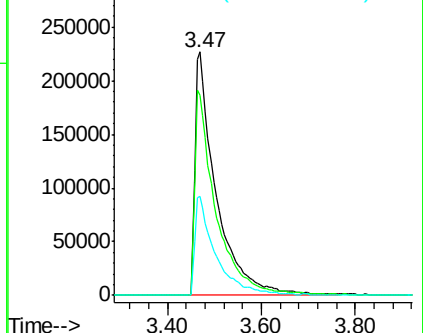
79 100

52 82.2 70.6 105.8

51 40.4 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: 29.960 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.07 min

Lab File: BF114306.D

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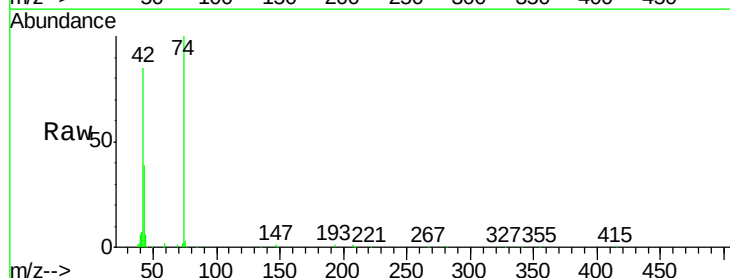
Tgt Ion: 42 Resp: 348853

Ion Ratio Lower Upper

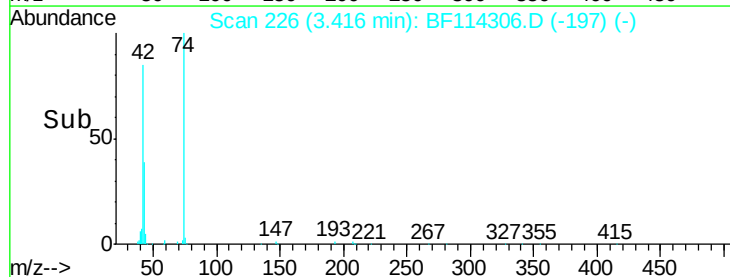
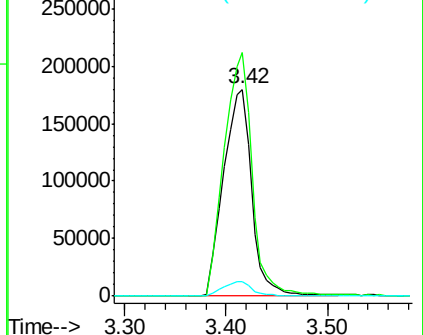
42 100

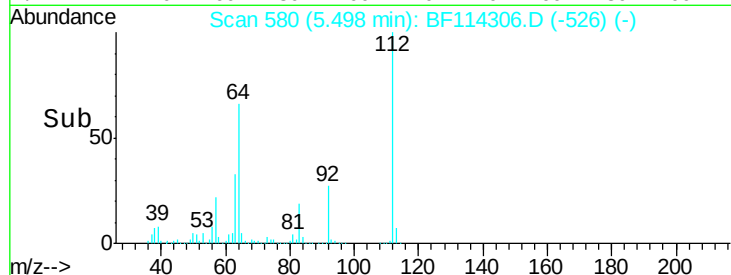
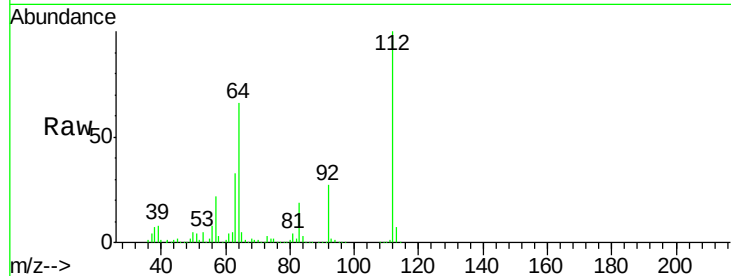
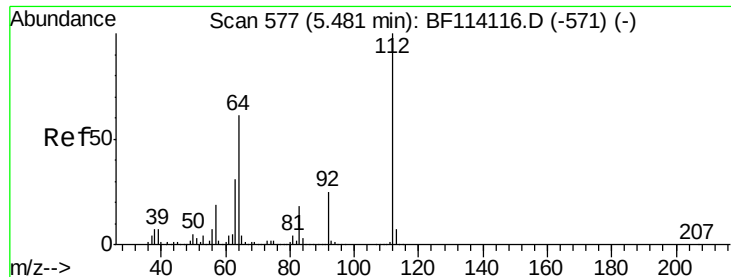
74 117.7 88.6 132.8

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: 101.473 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

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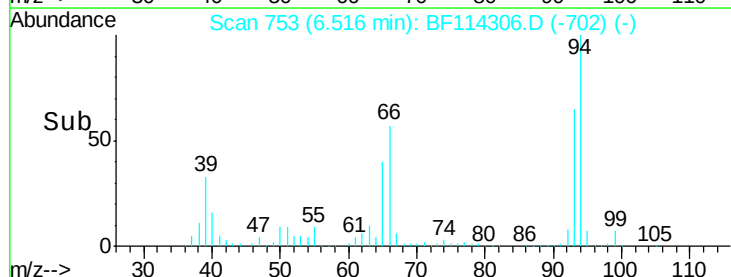
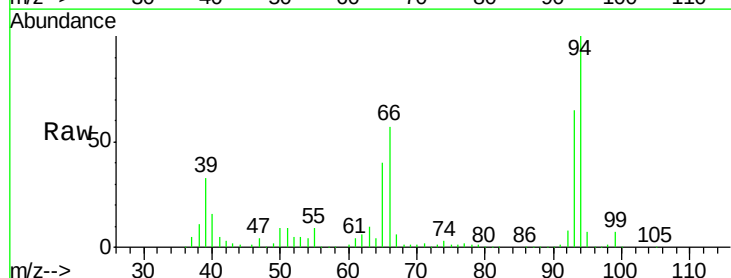
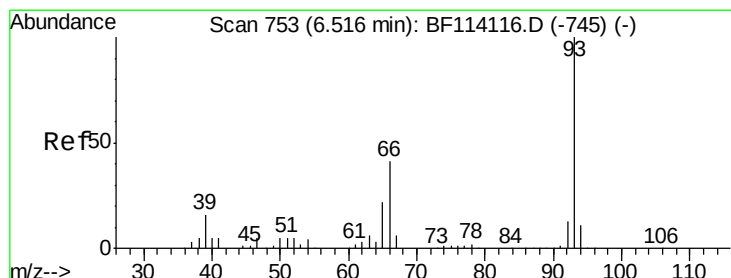
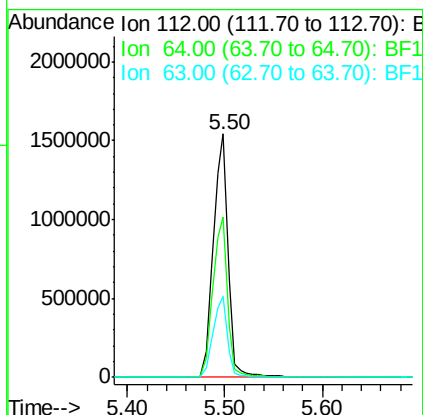
Tot Ion:112 Resp: 1617895

Ion Ratio Lower Upper

112 100

64 65.9 49.0 73.6

63 33.3 24.6 37.0



#6

Aniline

Concen: 23.016 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

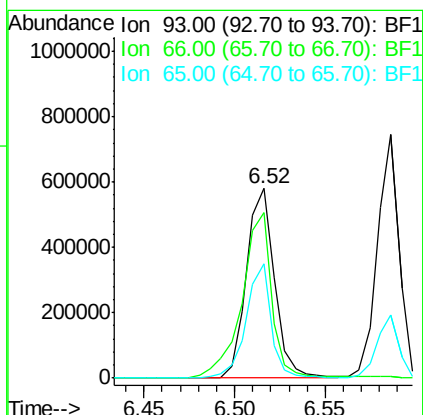
Tgt Ion: 93 Resp: 626953

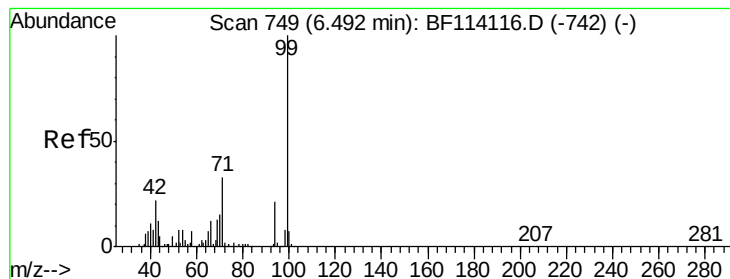
Ion Ratio Lower Upper

93 100

66 87.3 33.2 49.8#

65 60.5 17.6 26.4#





#7

Phenol-d6

Concen: 110.168 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

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ClientSampleId :

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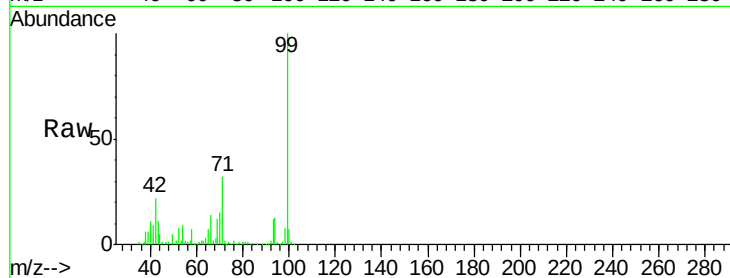
Tot Ion: 99 Resp: 2077508

Ion Ratio Lower Upper

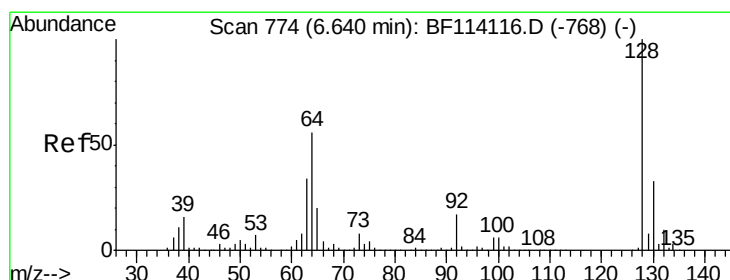
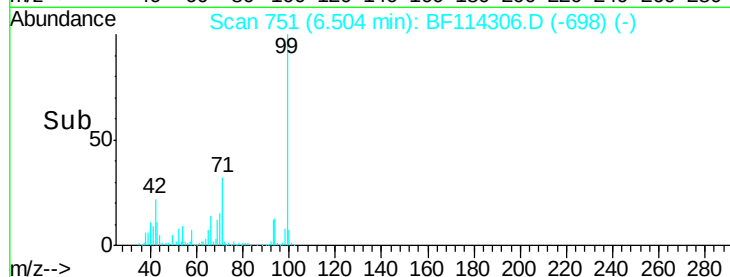
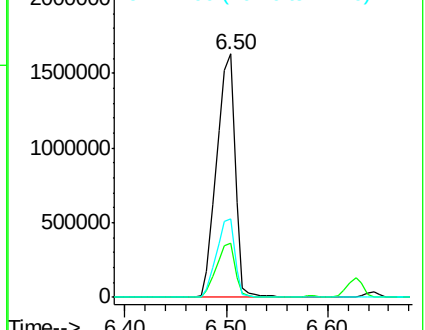
99 100

42 22.0 17.9 26.9

71 32.4 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: 36.206 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

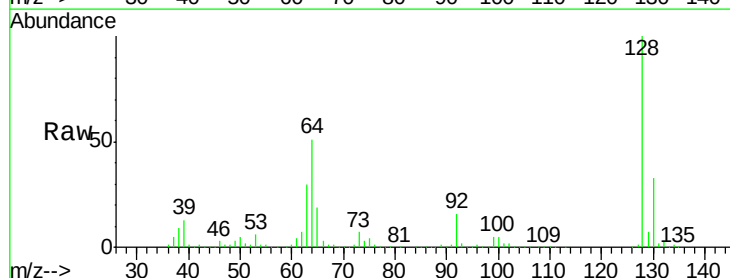
Tgt Ion: 128 Resp: 616275

Ion Ratio Lower Upper

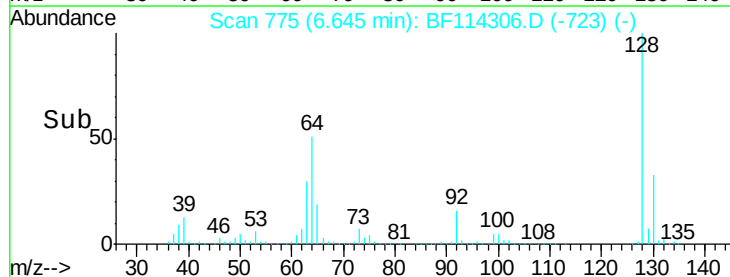
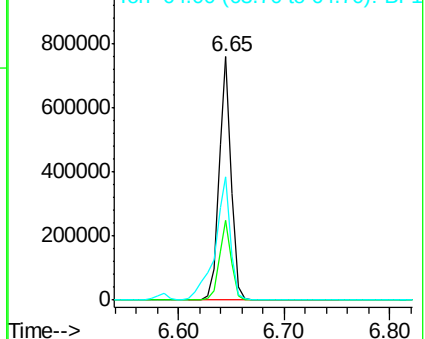
128 100

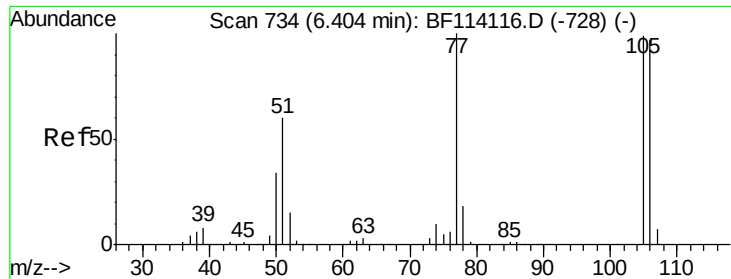
130 32.8 12.6 52.6

64 50.7 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

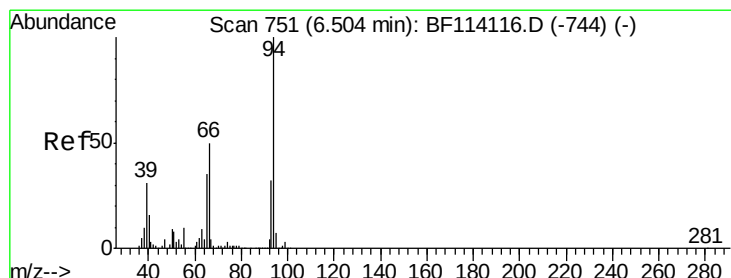
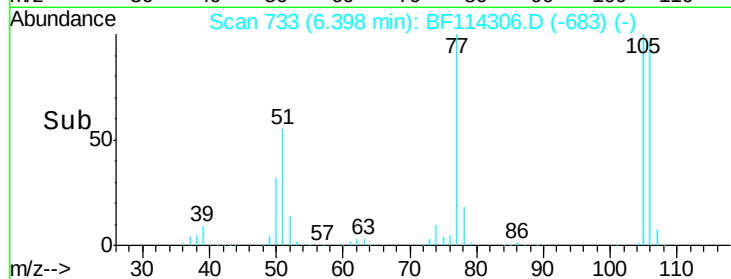
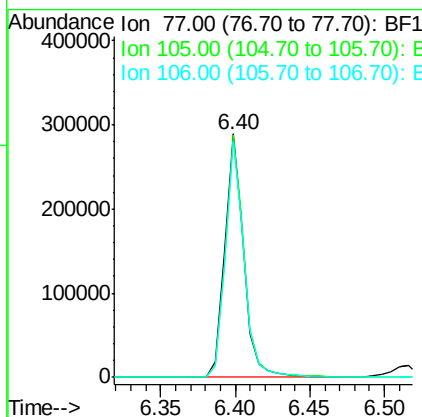
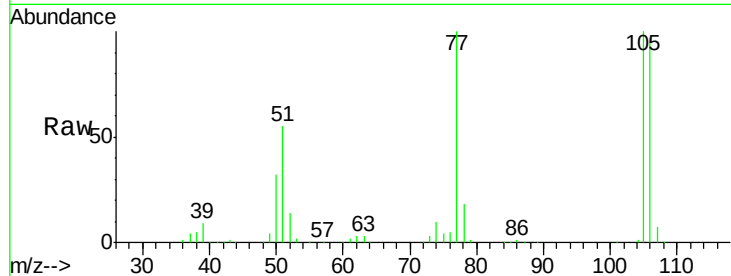




#9
Benzaldehyde
Concen: 19.783 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

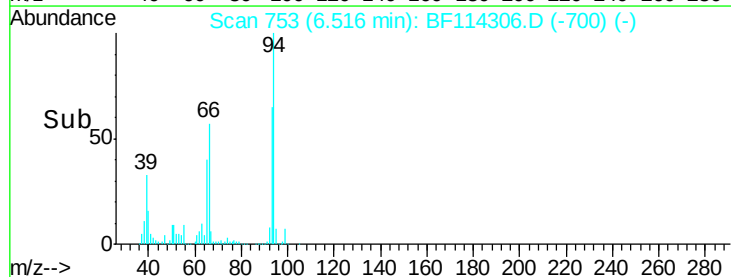
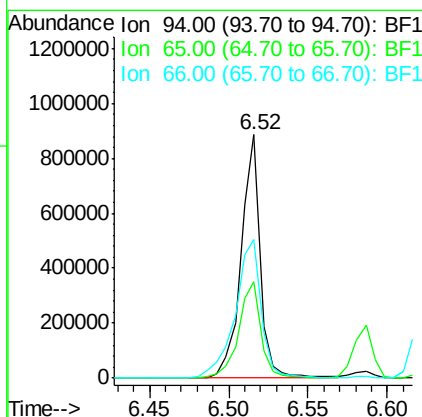
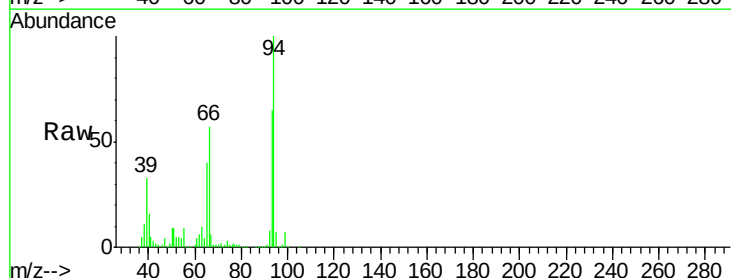
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ClientSampleId :
PB119776BS

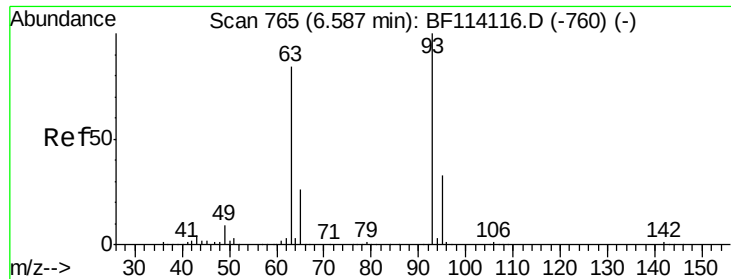
Tot Ion: 77 Resp: 261170
Ion Ratio Lower Upper
77 100
105 99.6 79.3 119.3
106 96.9 77.0 117.0



#10
Phenol
Concen: 33.512 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion: 94 Resp: 743414
Ion Ratio Lower Upper
94 100
65 39.5 14.7 54.7
66 57.1 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 36.556 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

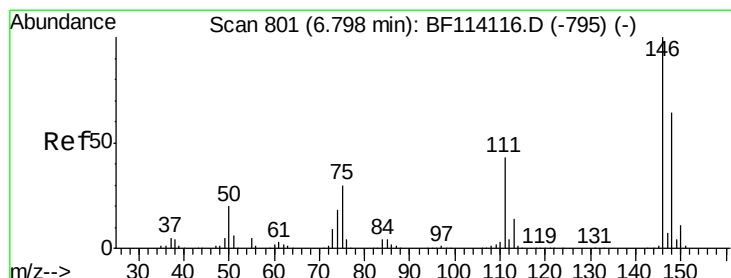
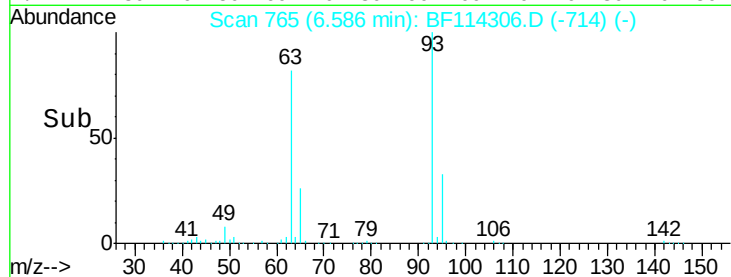
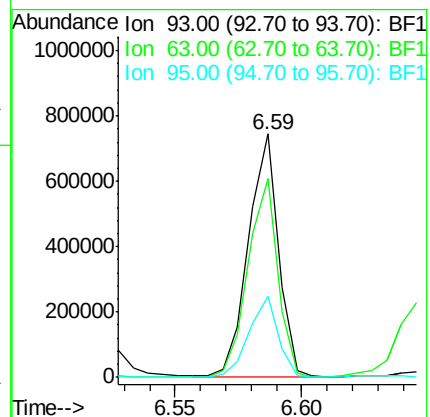
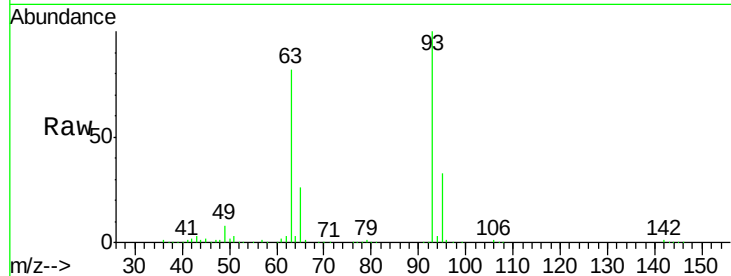
Tot Ion: 93 Resp: 615647

Ion Ratio Lower Upper

93 100

63 81.7 63.6 103.6

95 33.2 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 33.752 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

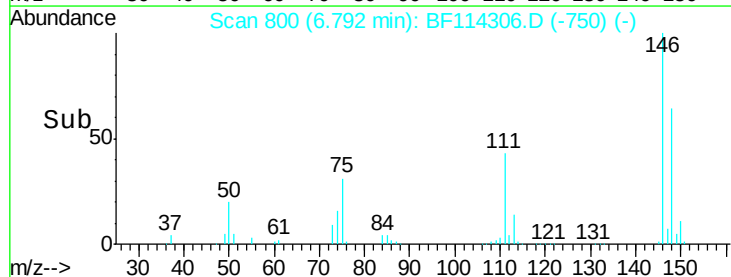
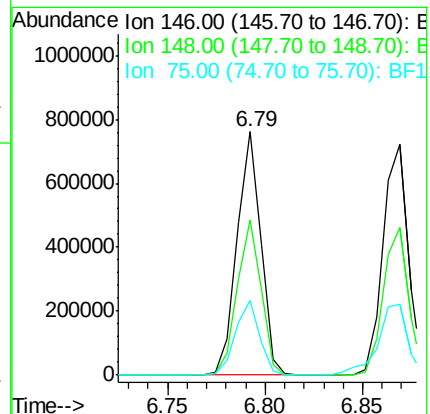
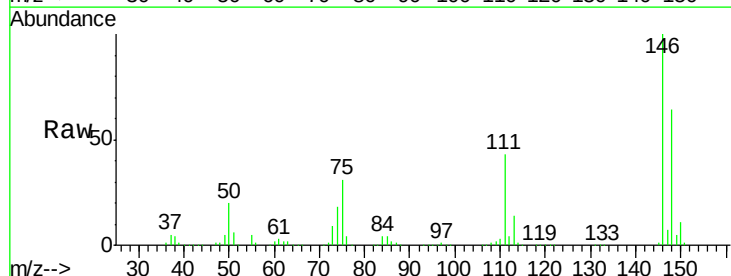
Tgt Ion: 146 Resp: 644878

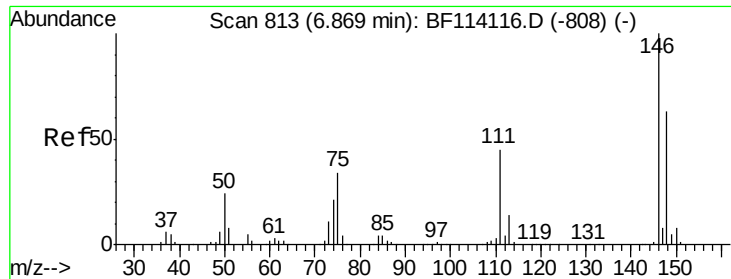
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 30.8 24.2 36.2

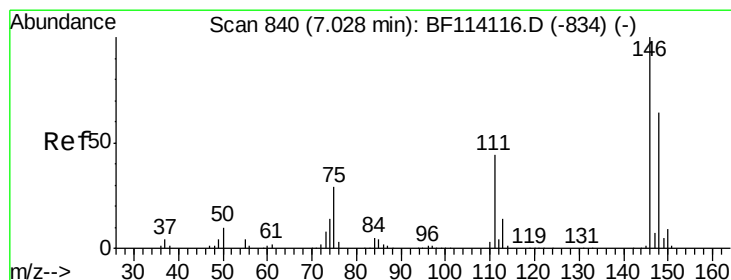
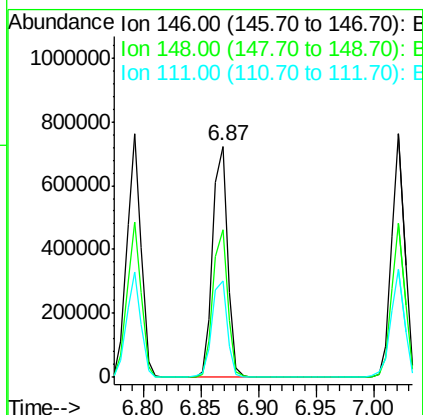
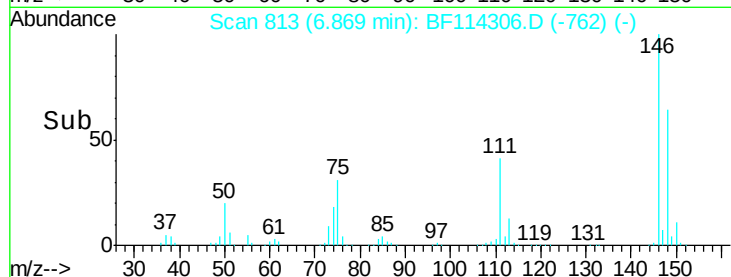
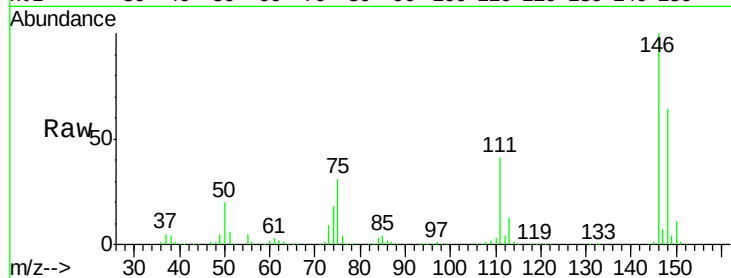




#13
 1,4-Dichlorobenzene
 Concen: 33.931 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

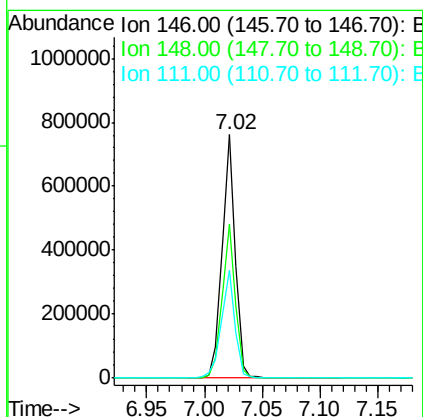
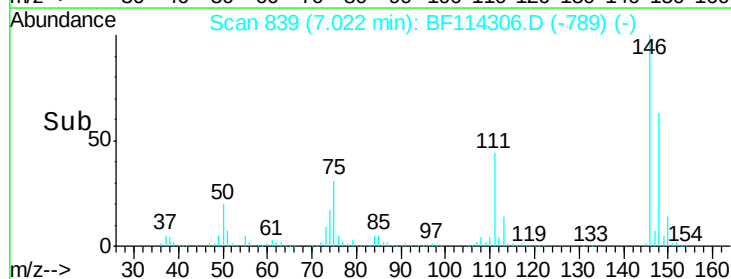
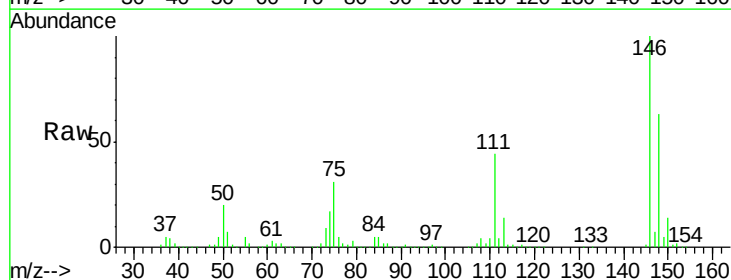
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

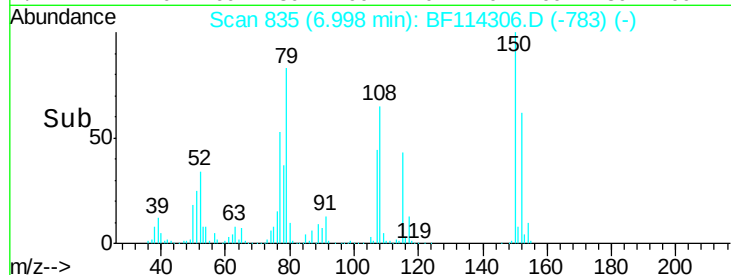
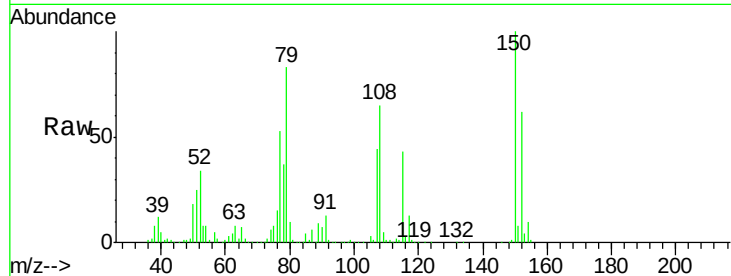
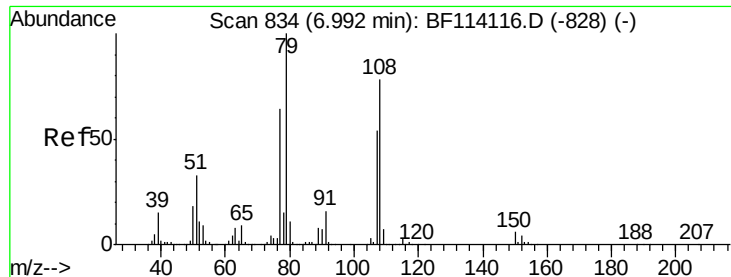
Tot Ion:146 Resp: 653275
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.2 75.2
 111 41.5 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 34.434 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion:146 Resp: 605692
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 44.3 35.3 52.9

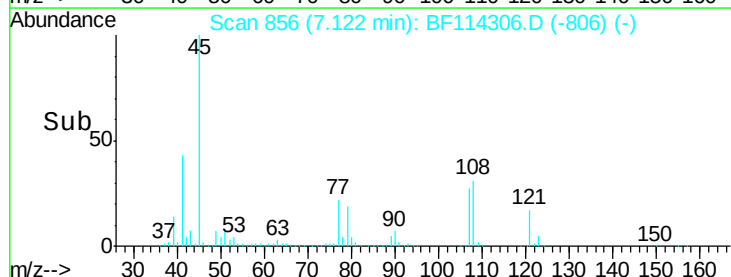
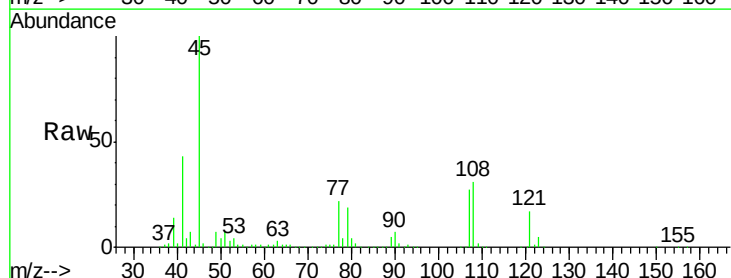
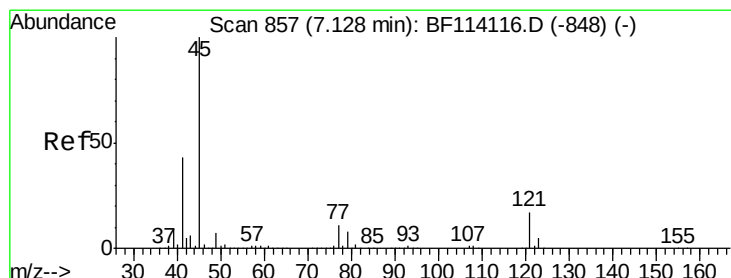
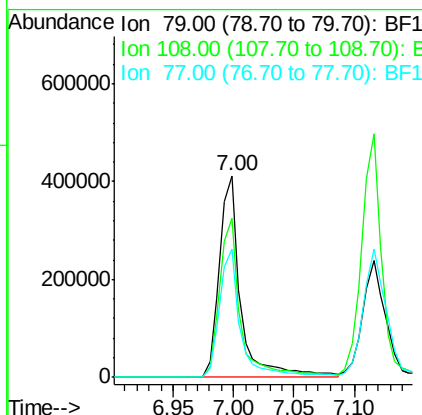




#15
Benzyl Alcohol
Concen: 34.150 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

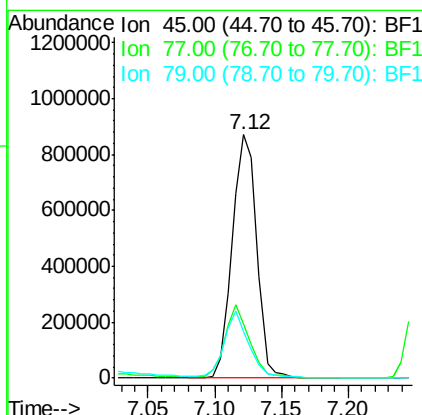
Instrument :
BNA_F
ClientSampleId :
PB119776BS

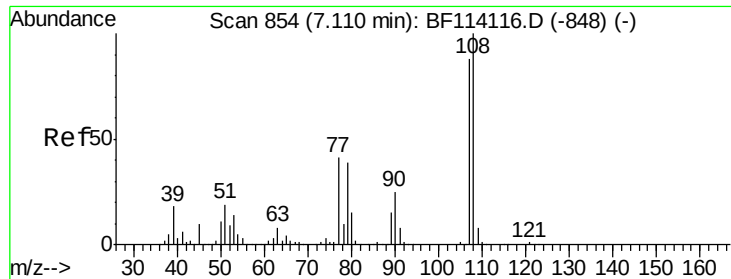
Tot Ion: 79 Resp: 502267
Ion Ratio Lower Upper
79 100
108 78.6 62.1 93.1
77 63.5 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.170 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion: 45 Resp: 1115792
Ion Ratio Lower Upper
45 100
77 22.3 0.0 31.1
79 19.3 0.0 28.4

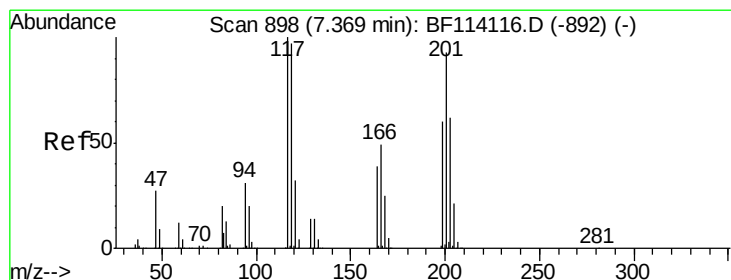
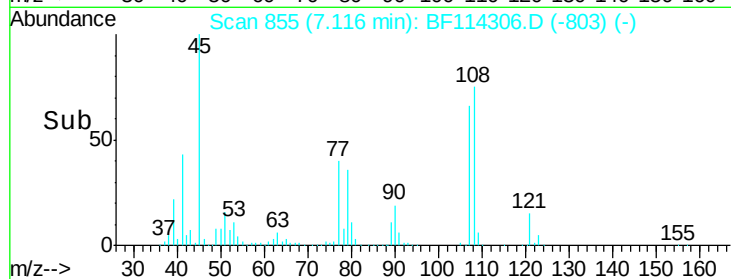
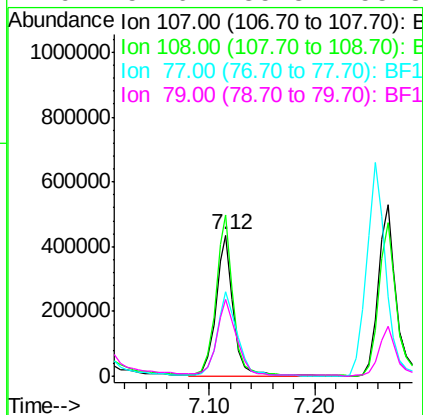
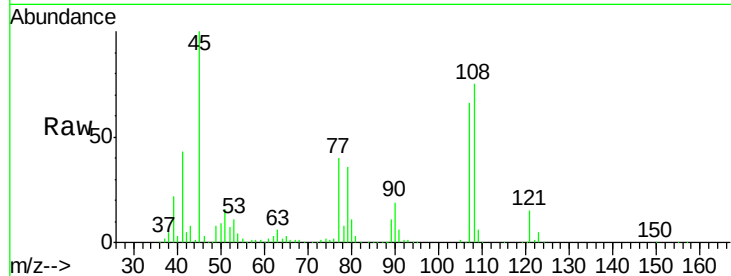




#17
2-Methylphenol
Concen: 36.108 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

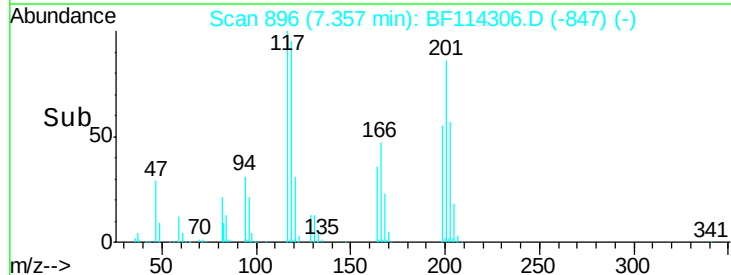
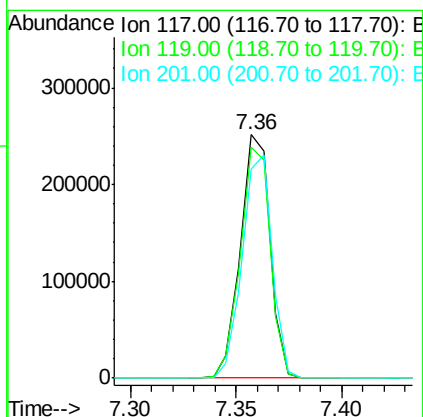
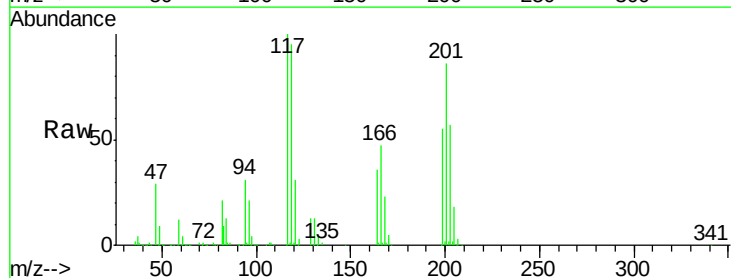
Instrument :
BNA_F
ClientSampleId :
PB119776BS

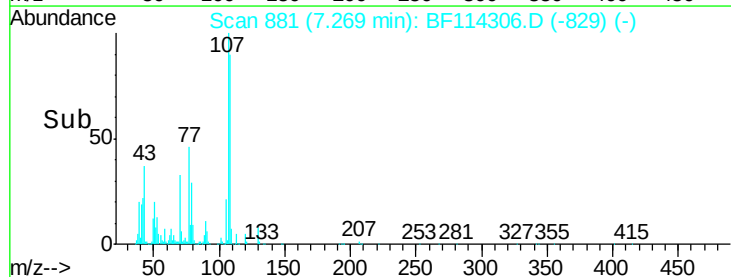
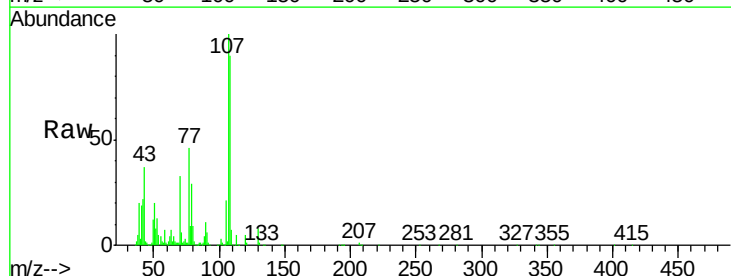
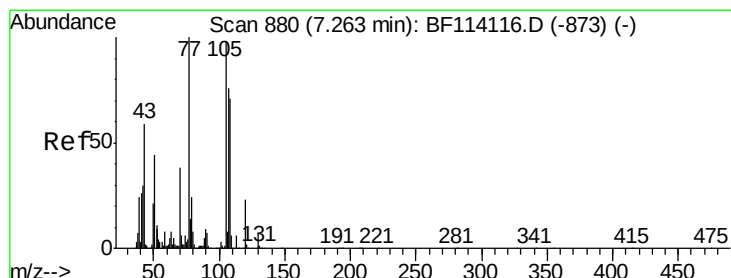
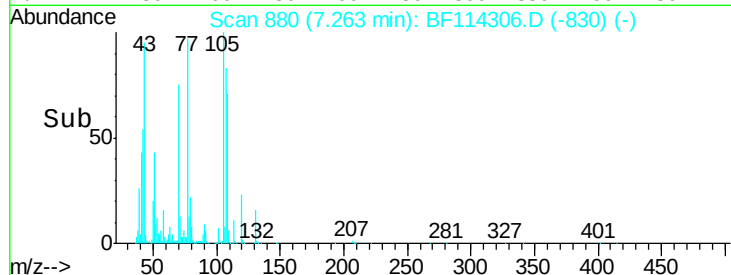
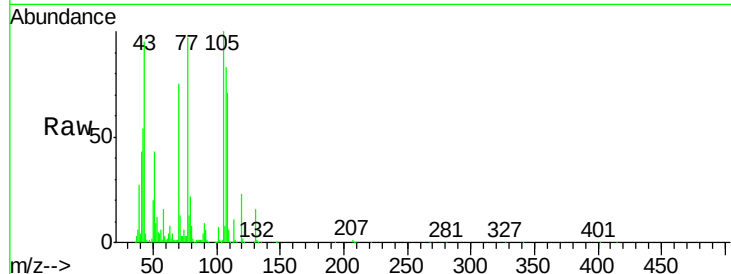
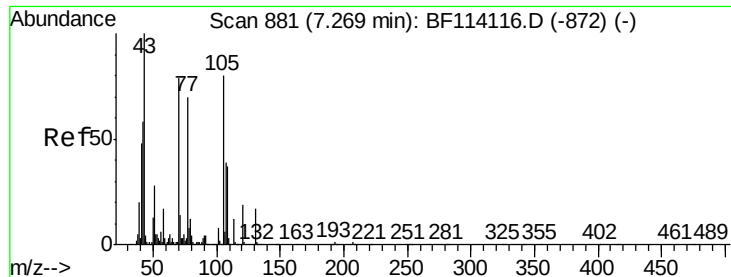
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.5	135.7
77	60.0	37.0	55.4
79	54.6	35.8	53.8



#18
Hexachloroethane
Concen: 33.994 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.2
201	85.8	74.5	111.7

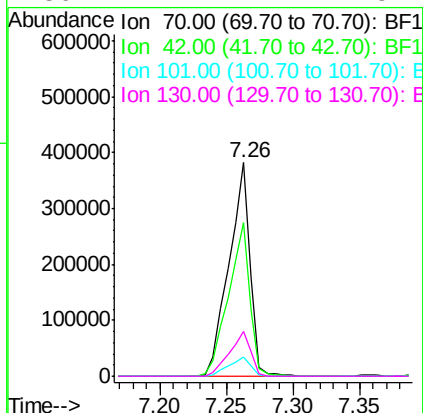




#19
n-Nitroso-di-n-propylamine
Concen: 35.905 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

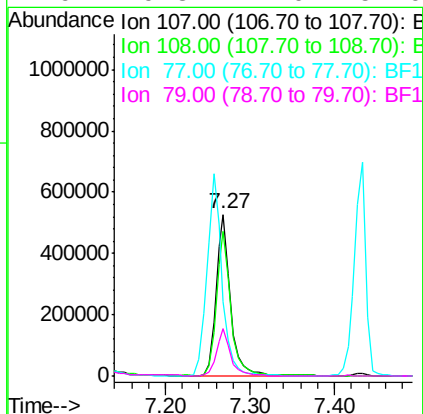
Instrument :
BNA_F
ClientSampleId :
PB119776BS

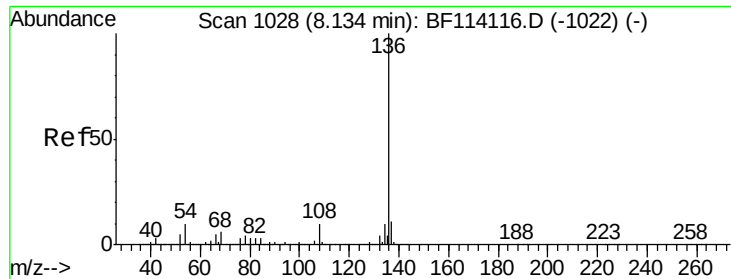
Tot Ion:	70	Resp:	429164
Ion	Ratio	Lower	Upper
70	100		
42	71.9	58.6	87.8
101	9.3	7.8	11.8
130	21.2	17.1	25.7



#20
3+4-Methylphenols
Concen: 39.198 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:	107	Resp:	633225
Ion	Ratio	Lower	Upper
107	100		
108	89.7	73.8	113.8
77	46.1	111.5	151.5#
79	29.3	12.0	52.0

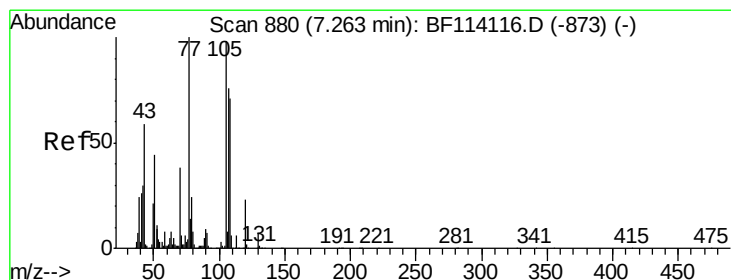
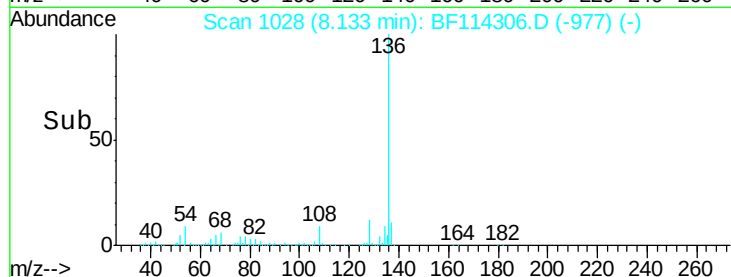
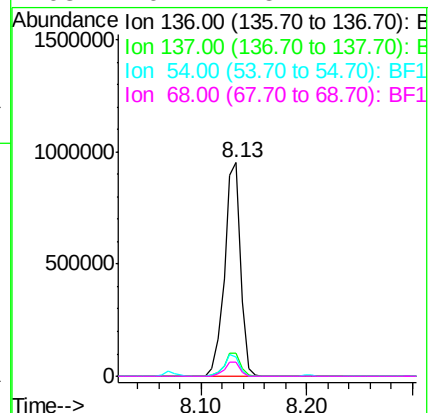
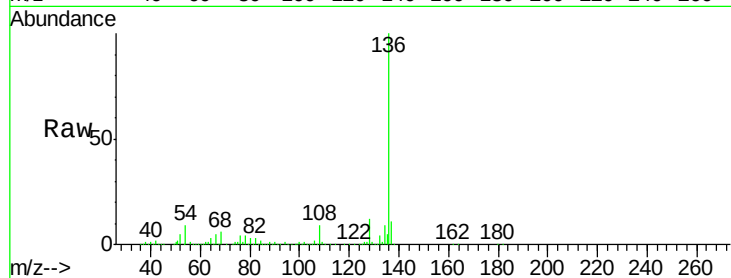




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

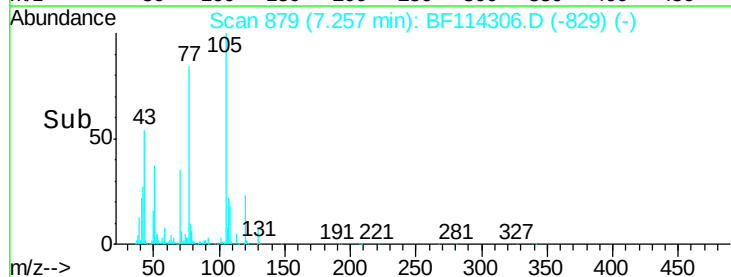
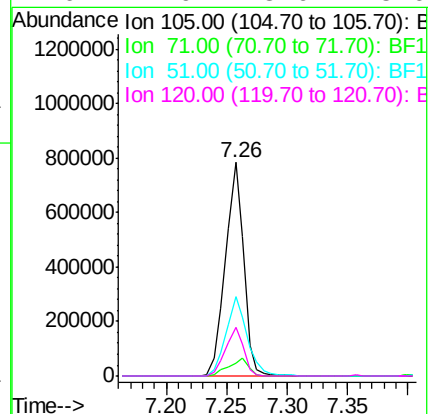
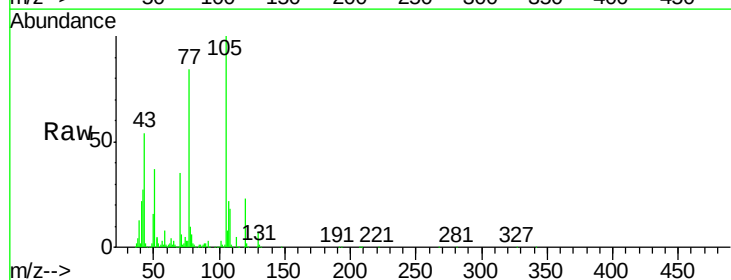
Instrument :
BNA_F
ClientSampleId :
PB119776BS

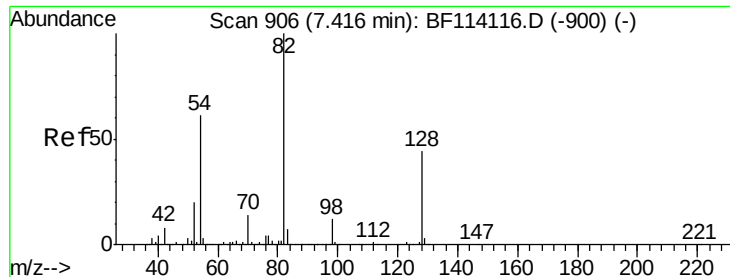
Tot Ion:136	Resp: 1015725
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 9.3	7.8 11.8
68 6.4	5.1 7.7



#22
Acetophenone
Concen: 36.318 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt	Ion:105	Resp:	817207
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.3	7.9
51	37.3	36.2	54.4
120	22.9	18.6	28.0

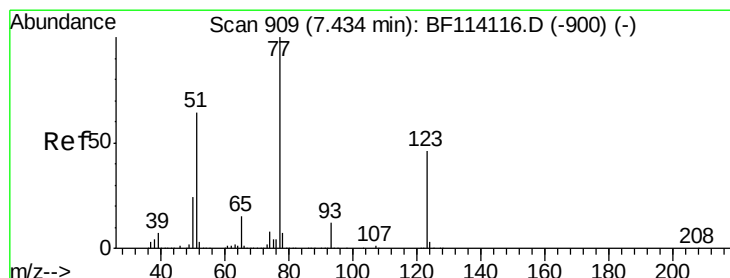
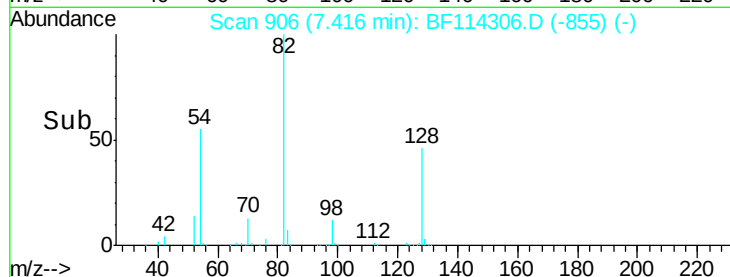
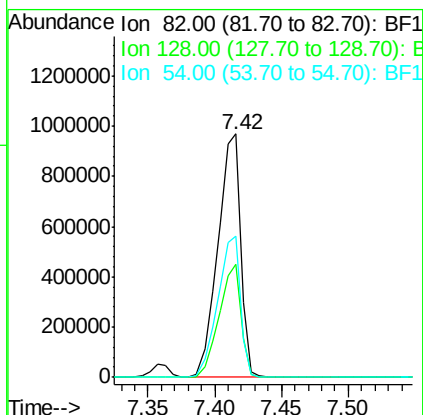
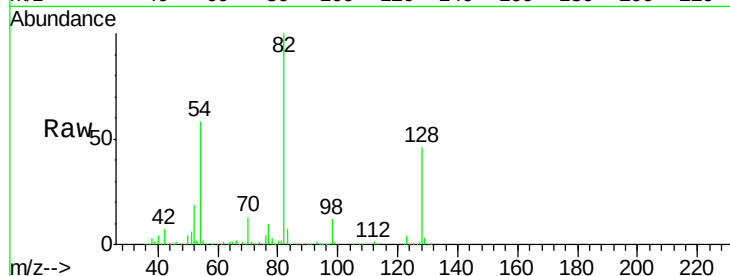




#23
Nitrobenzene-d5
Concen: 64.745 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

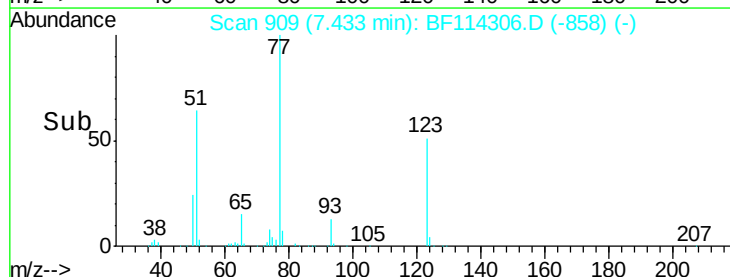
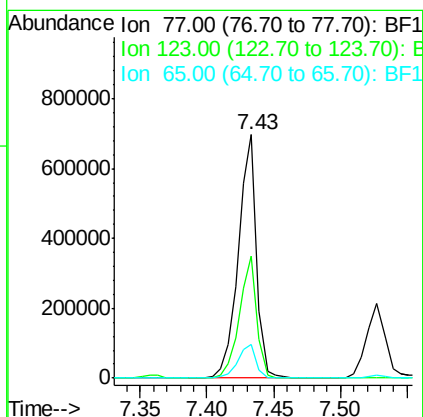
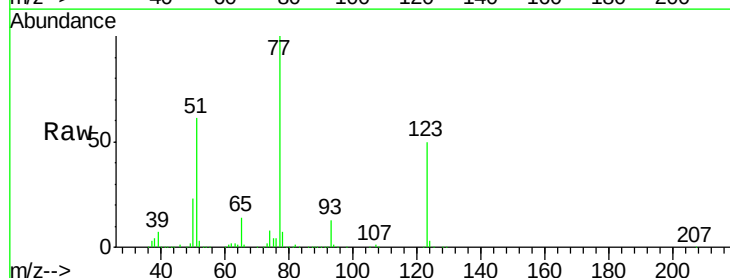
Instrument :
BNA_F
ClientSampleId :
PB119776BS

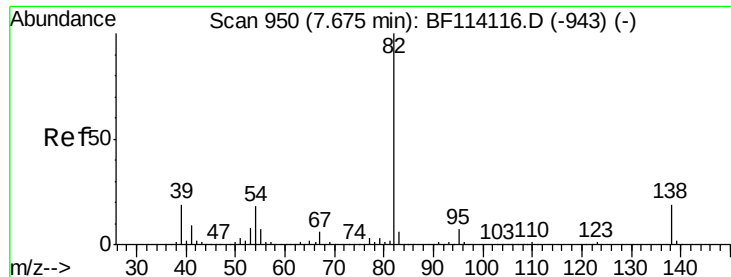
Tot Ion: 82 Resp: 1171825
Ion Ratio Lower Upper
82 100
128 46.2 35.5 53.3
54 58.0 48.5 72.7



#24
Nitrobenzene
Concen: 35.577 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion: 77 Resp: 655837
Ion Ratio Lower Upper
77 100
123 50.2 36.9 55.3
65 14.0 11.8 17.6





#25

Isophorone

Concen: 35.522 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

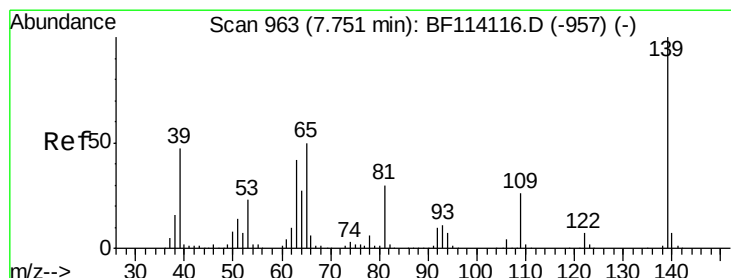
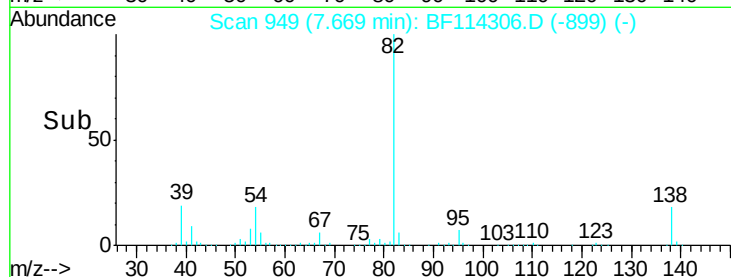
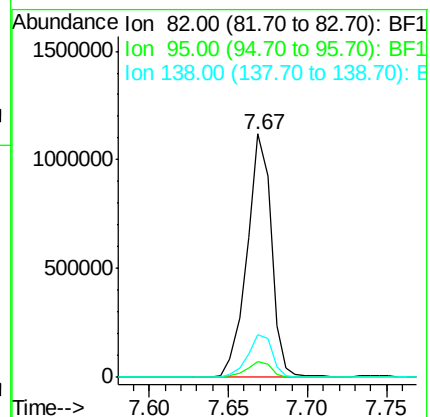
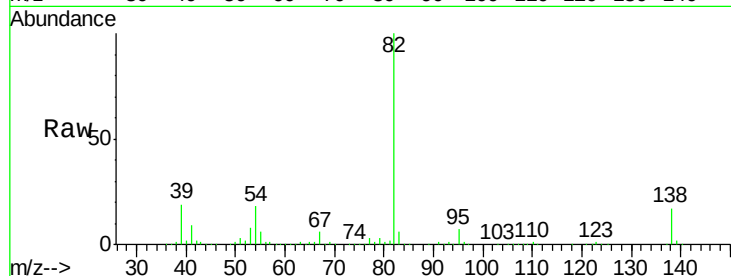
Tot Ion: 82 Resp: 1192365

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 17.5 14.8 22.2



#26

2-Nitrophenol

Concen: 37.844 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

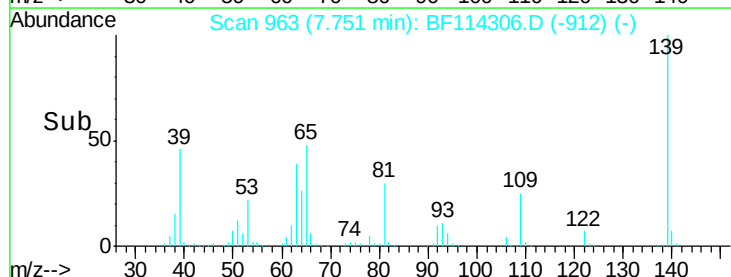
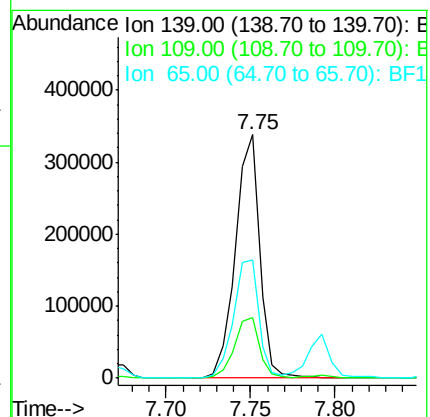
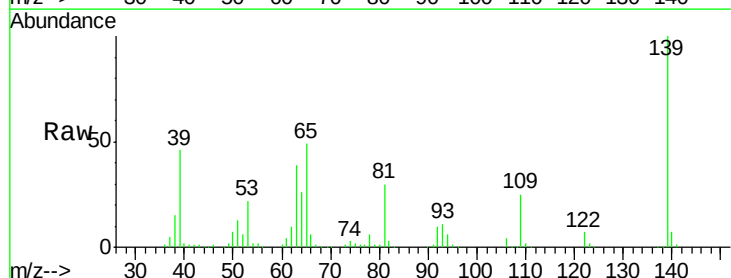
Tgt Ion: 139 Resp: 338458

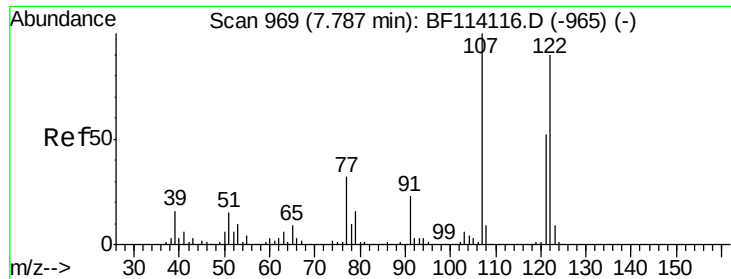
Ion Ratio Lower Upper

139 100

109 25.0 20.7 31.1

65 48.6 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 39.054 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

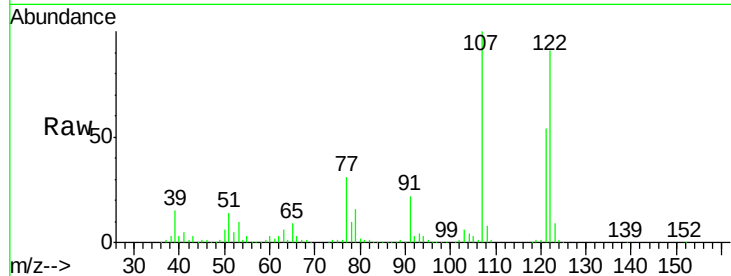
Tot Ion:122 Resp: 548574

Ion Ratio Lower Upper

122 100

107 109.4 88.4 132.6

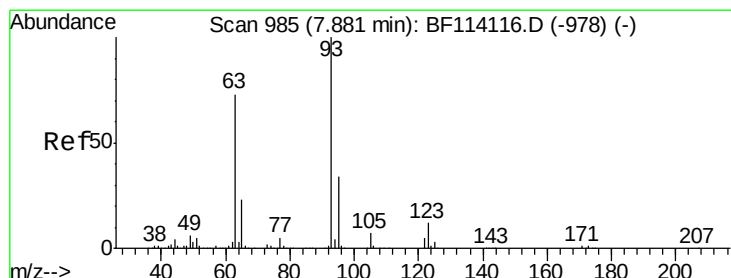
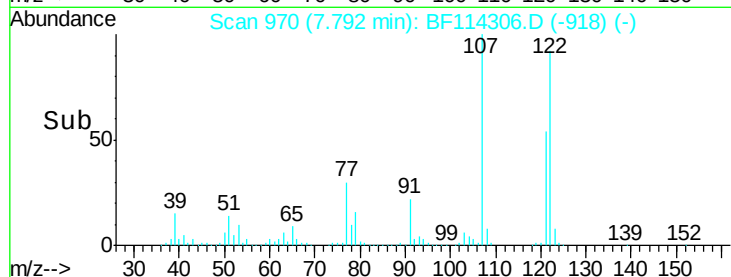
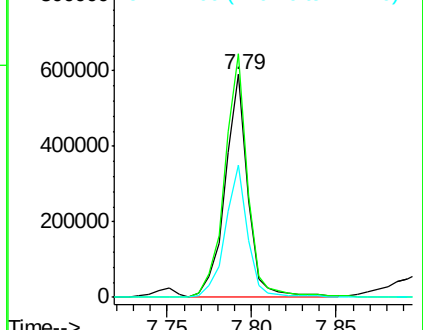
121 59.3 45.9 68.9



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: 35.548 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

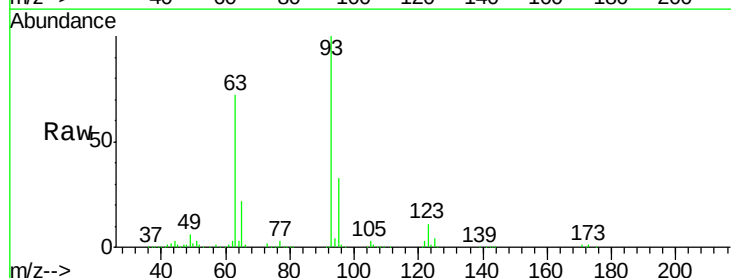
Tgt Ion: 93 Resp: 774219

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

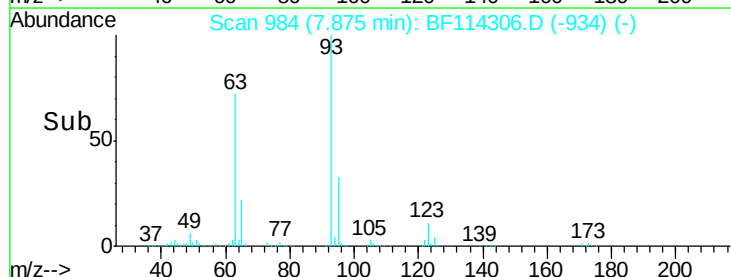
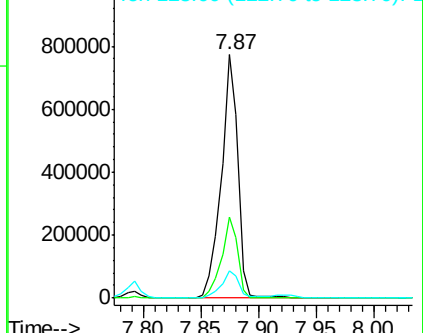
123 11.0 9.5 14.3

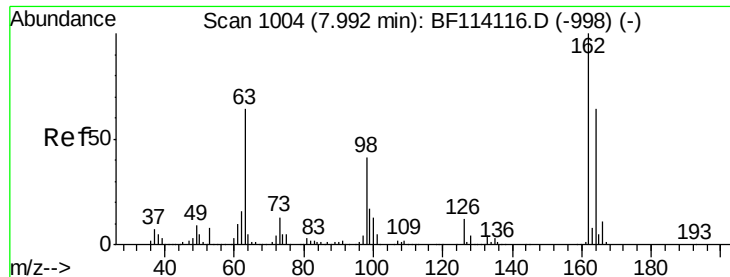


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

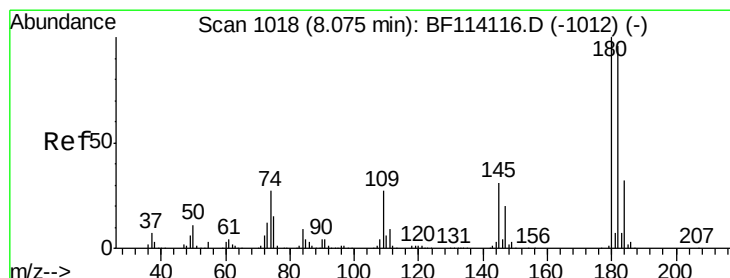
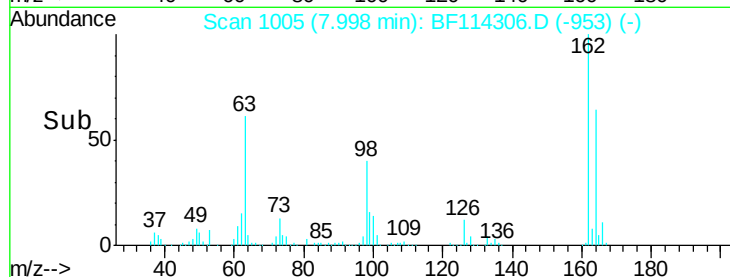
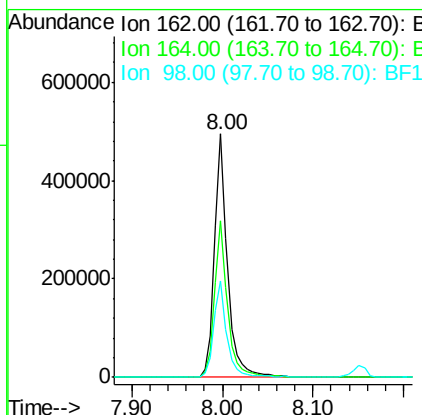
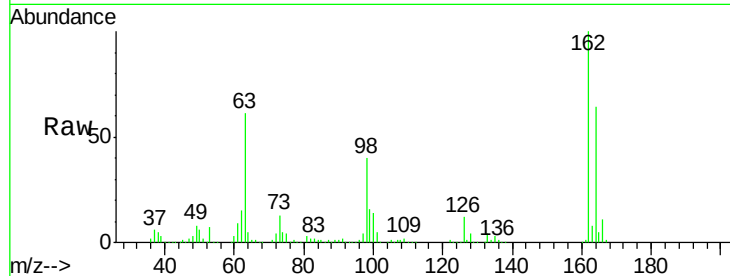




#29
 2,4-Dichlorophenol
 Concen: 35.999 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

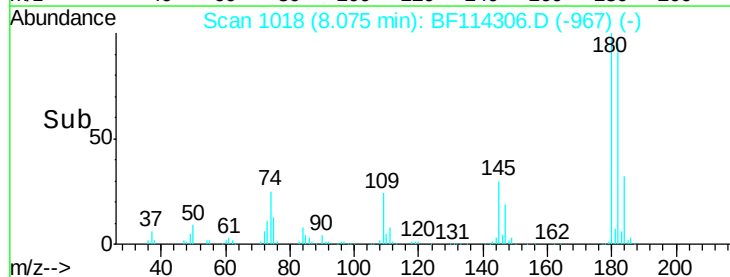
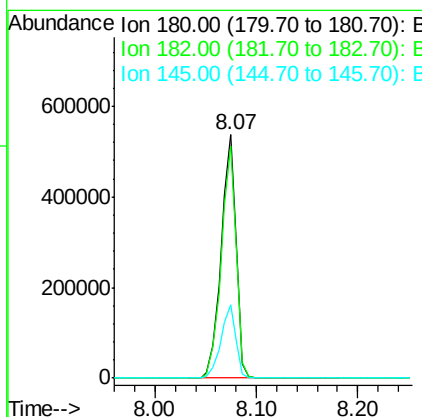
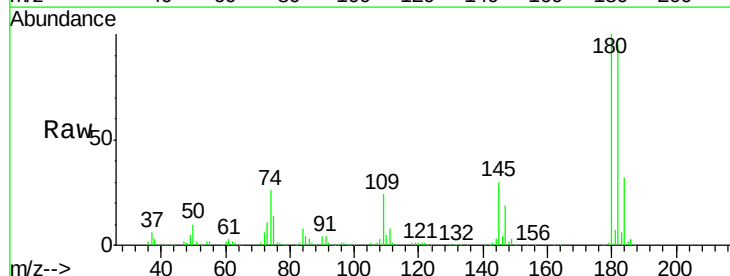
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

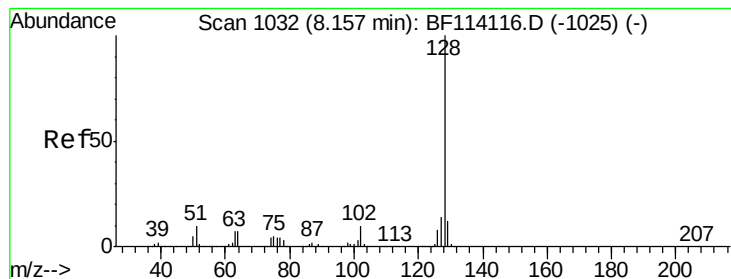
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.6	83.6
98	39.6	20.6	60.6



#30
 1,2,4-Trichlorobenzene
 Concen: 34.207 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	114.8
145	30.1	25.1	37.7





#31

Naphthalene

Concen: 36.827 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

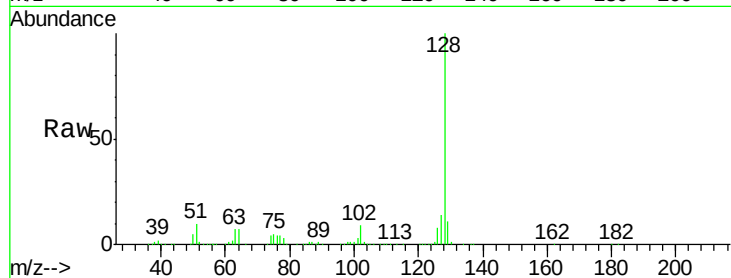
Tot Ion:128 Resp: 1747289

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

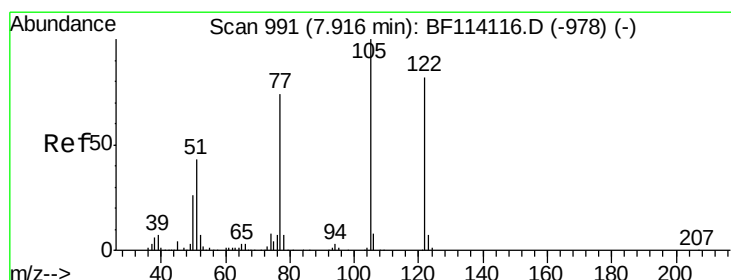
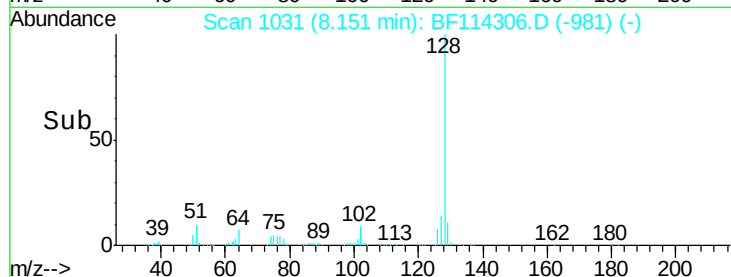
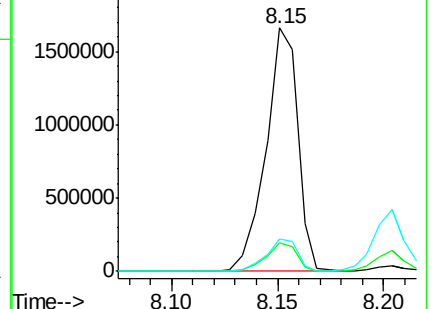
127 13.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.969 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

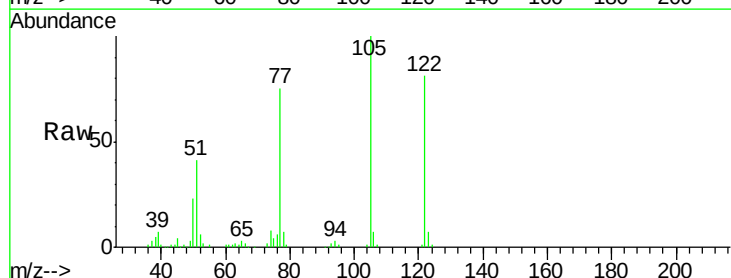
Tgt Ion:122 Resp: 292683

Ion Ratio Lower Upper

122 100

105 123.2 99.9 139.9

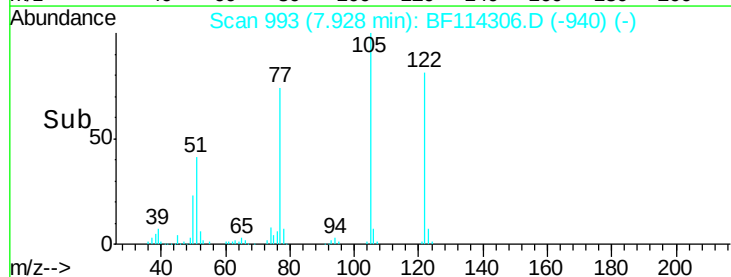
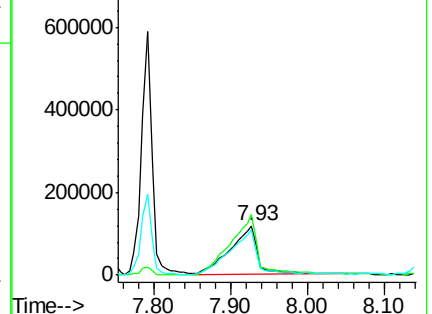
77 91.9 69.4 109.4

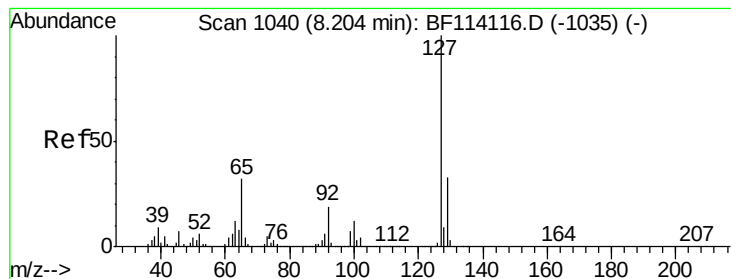


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 22.314 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:127 Resp: 482451

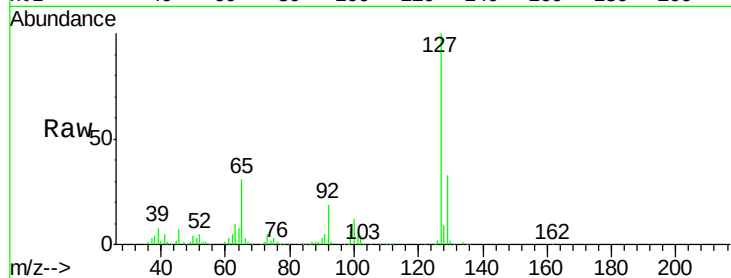
Ion Ratio Lower Upper

127 100

129 33.3 26.7 40.1

65 30.6 25.4 38.0

92 19.0 15.4 23.2

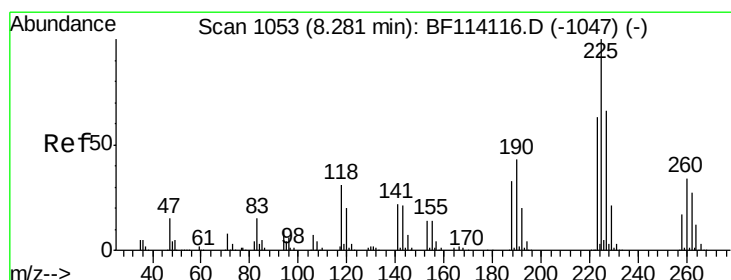
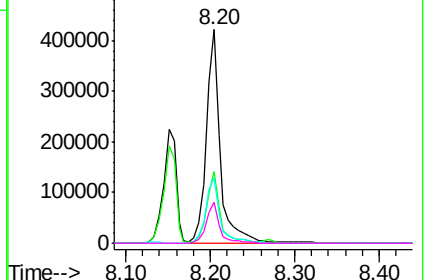
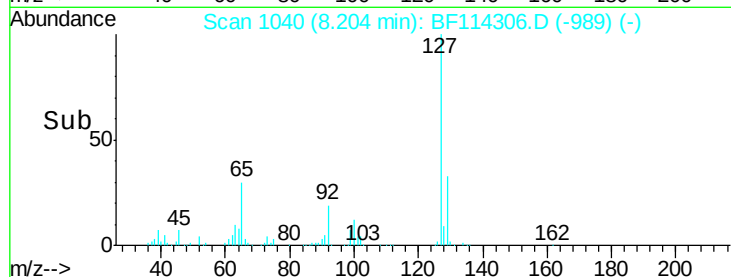


Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.659 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

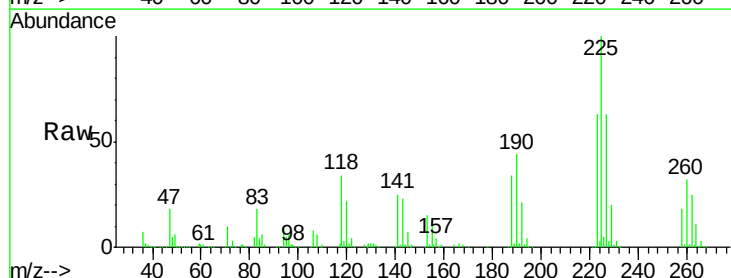
Tgt Ion:225 Resp: 304608

Ion Ratio Lower Upper

225 100

223 63.1 50.2 75.2

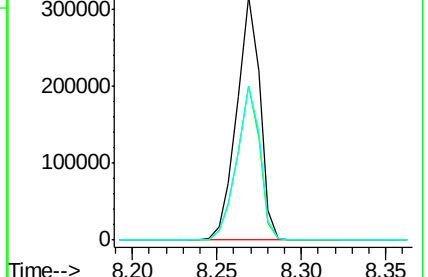
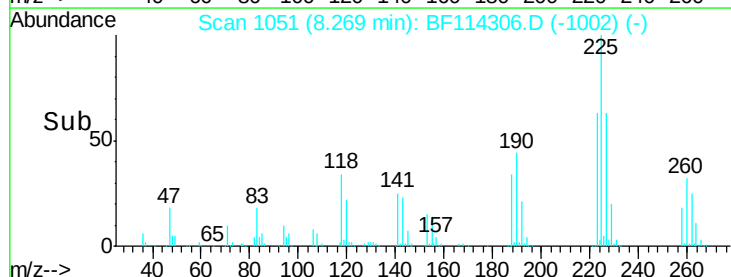
227 63.4 52.6 79.0

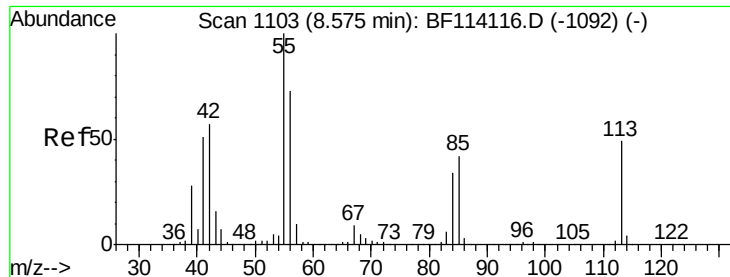


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

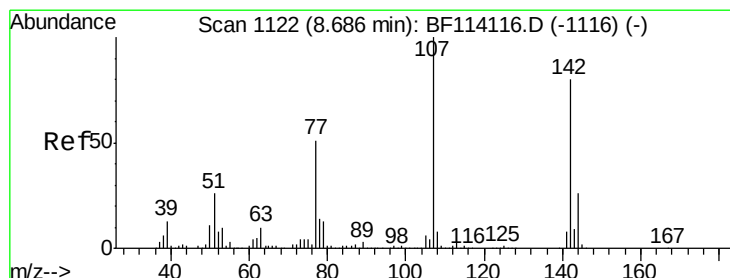
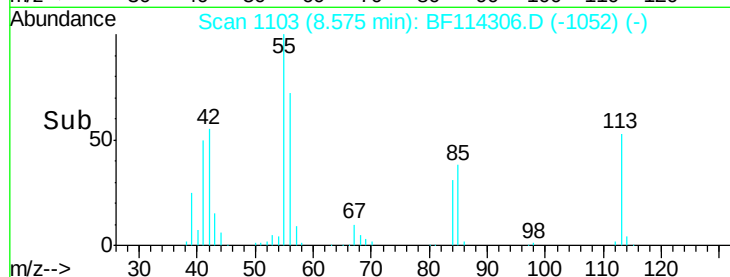
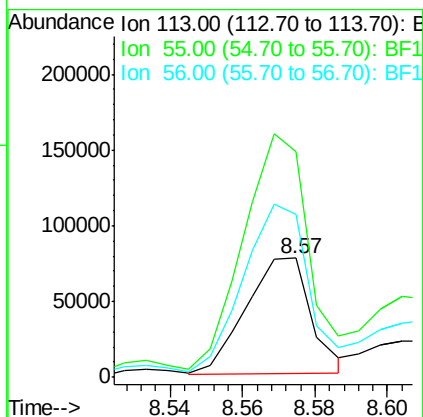
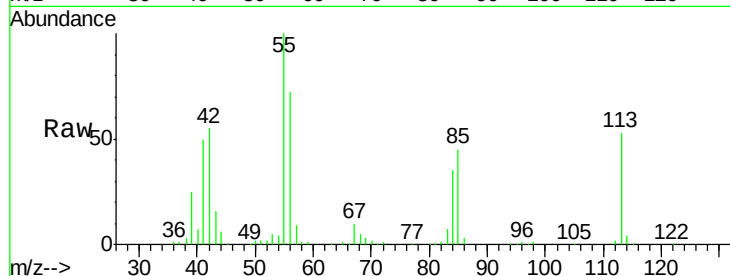




#35
Caprolactam
Concen: 21.095 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

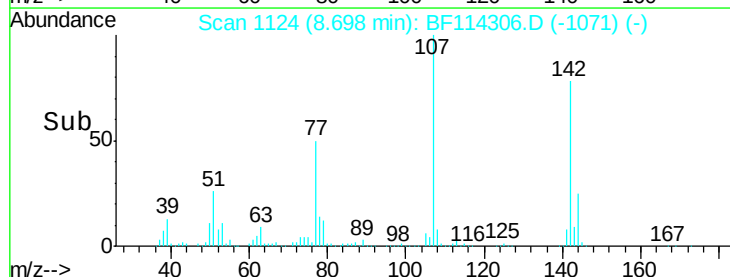
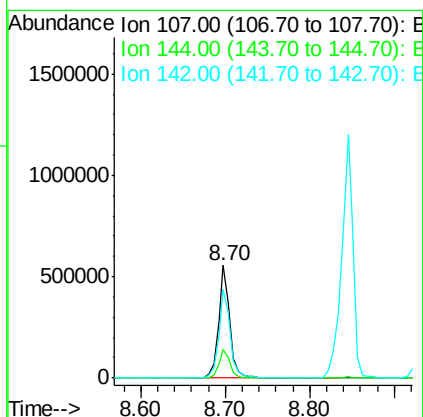
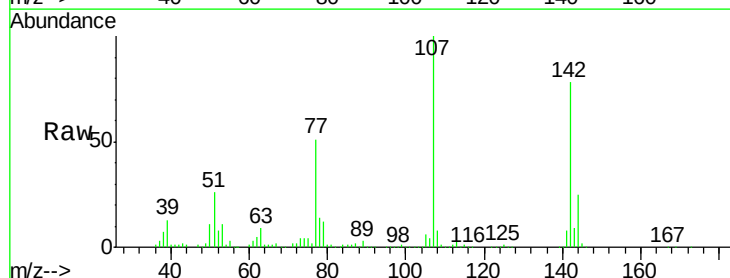
Instrument :
BNA_F
ClientSampleId :
PB119776BS

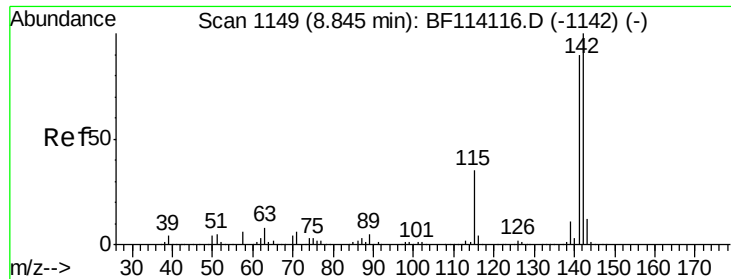
Tot Ion:113 Resp: 96209
Ion Ratio Lower Upper
113 100
55 189.4 183.5 223.5
56 136.5 128.8 168.8



#36
4-Chloro-3-methylphenol
Concen: 38.027 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:107 Resp: 535384
Ion Ratio Lower Upper
107 100
144 25.5 20.4 30.6
142 78.4 64.2 96.4

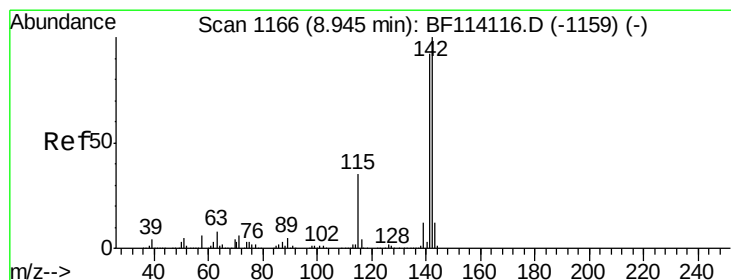
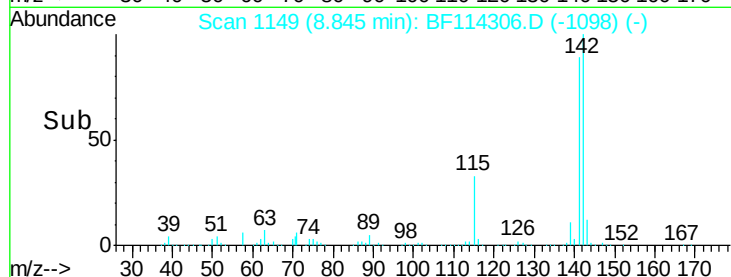
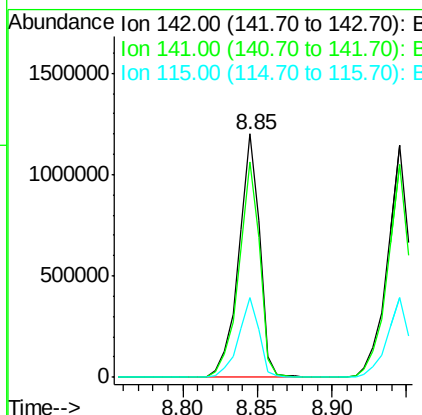
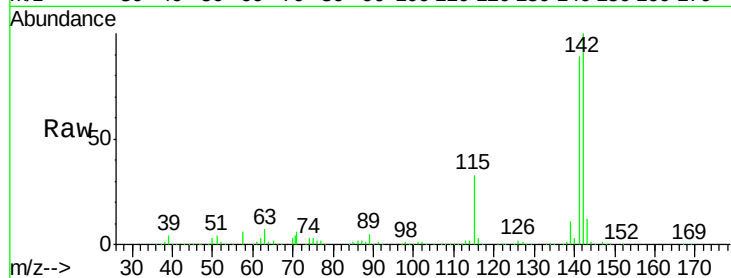




#37
2-Methylnaphthalene
Concen: 38.298 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

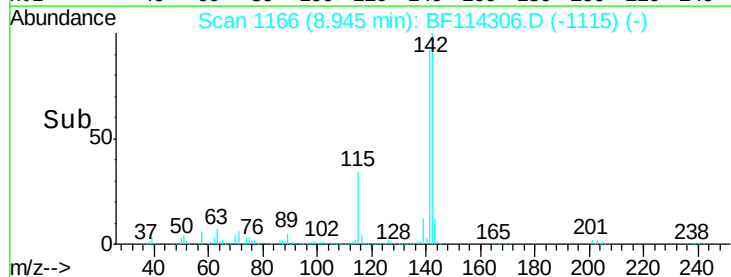
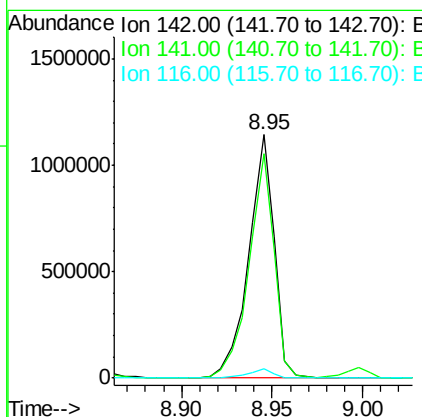
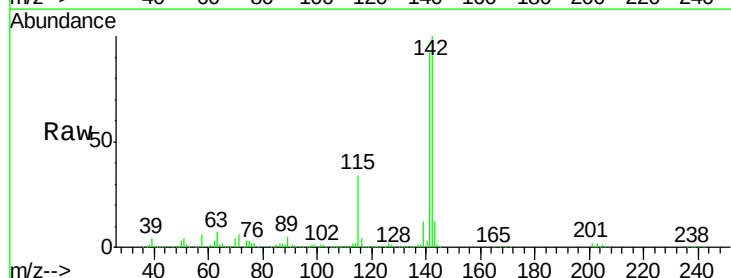
Instrument :
BNA_F
ClientSampleId :
PB119776BS

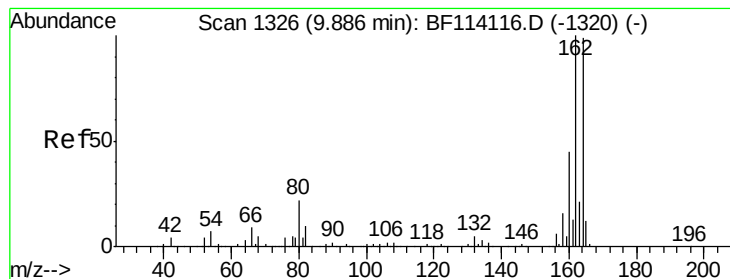
Tot Ion:142 Resp: 1172385
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1
115 32.9 28.0 42.0



#38
1-Methylnaphthalene
Concen: 38.457 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:142 Resp: 1108628
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0
116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

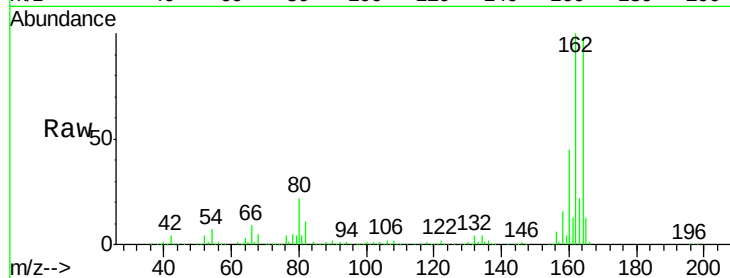
Tot Ion:164 Resp: 484362

Ion Ratio Lower Upper

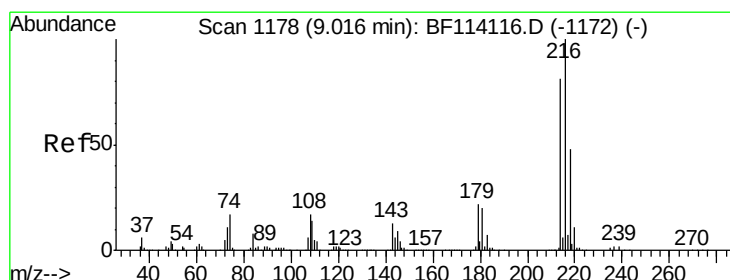
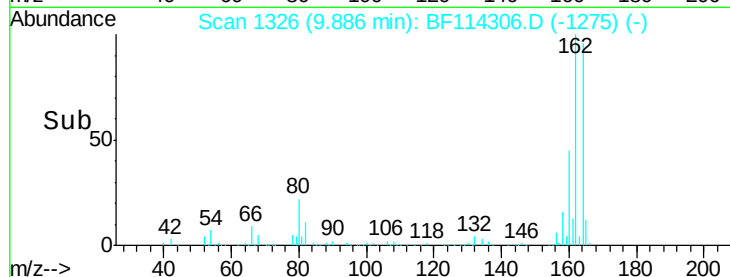
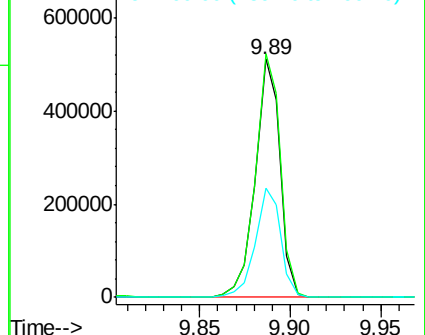
164 100

162 102.2 80.6 120.8

160 46.0 36.5 54.7



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.763 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Tgt Ion:216 Resp: 524734

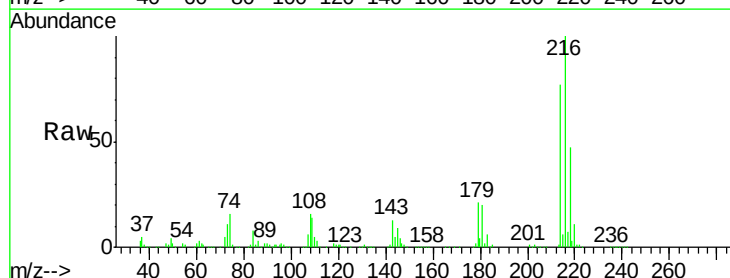
Ion Ratio Lower Upper

216 100

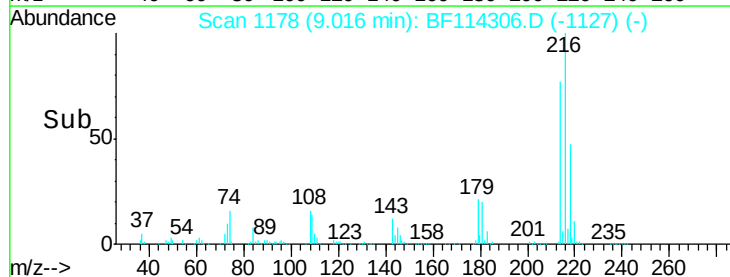
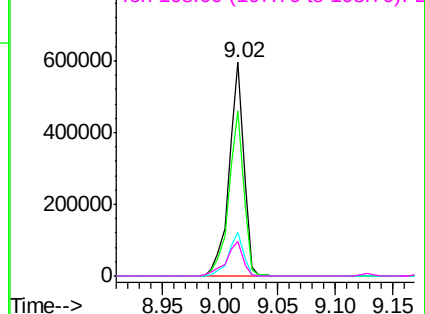
214 78.2 63.9 95.9

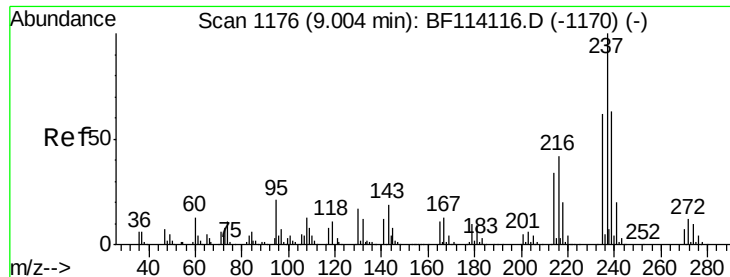
179 20.8 17.0 25.6

108 19.0 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

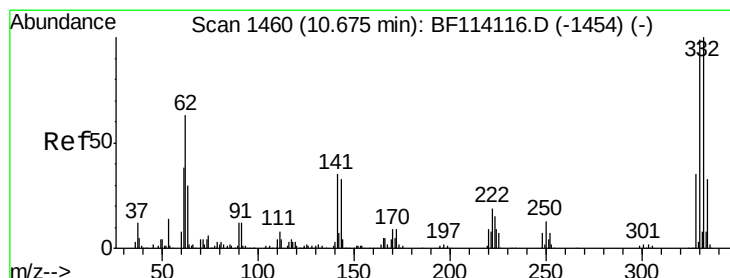
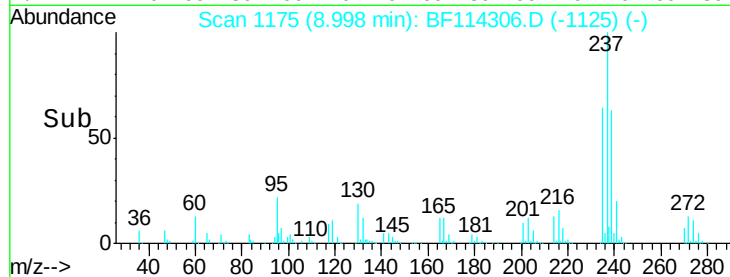
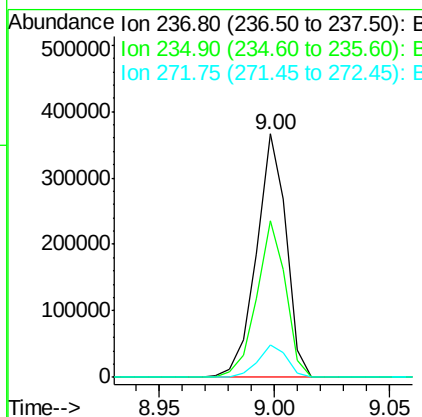
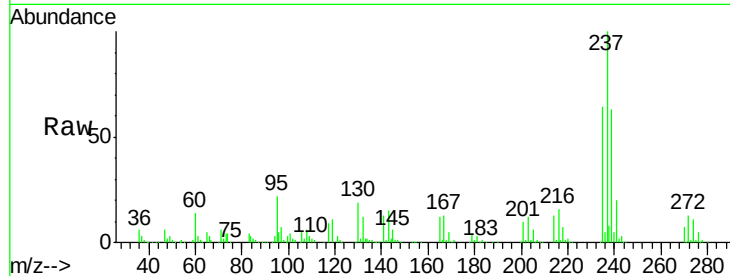




#41
Hexachlorocyclopentadiene
Concen: 49.975 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

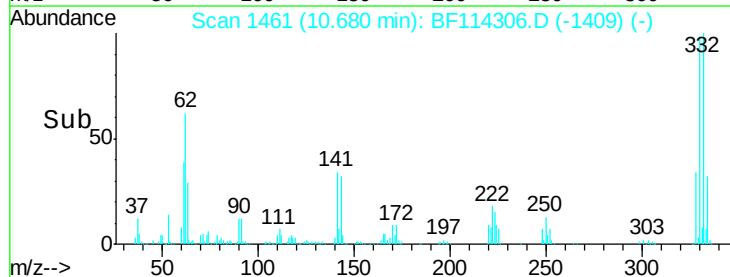
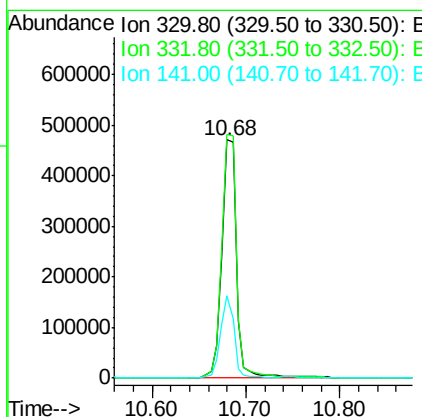
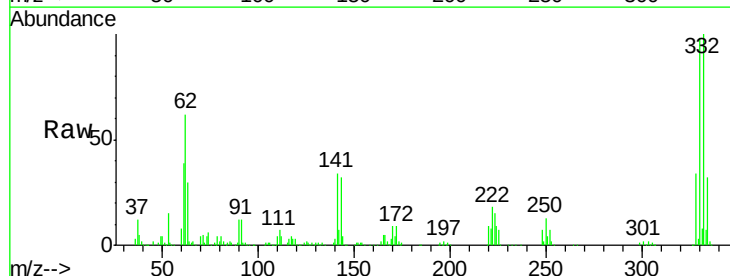
Instrument :
BNA_F
ClientSampleId :
PB119776BS

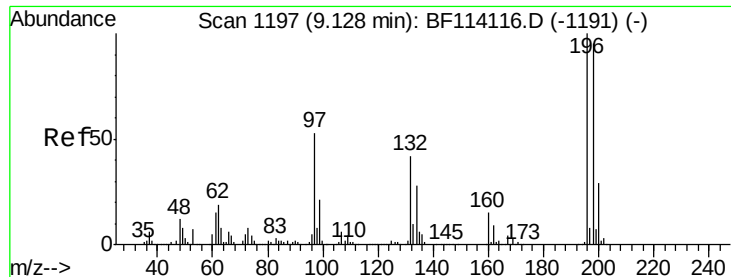
Tot Ion:	237	Resp:	329880
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.0	82.0
272	13.1	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 103.489 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:	330	Resp:	518219
Ion Ratio	Lower	Upper	
330	100		
332	103.3	81.4	122.2
141	32.2	26.6	40.0

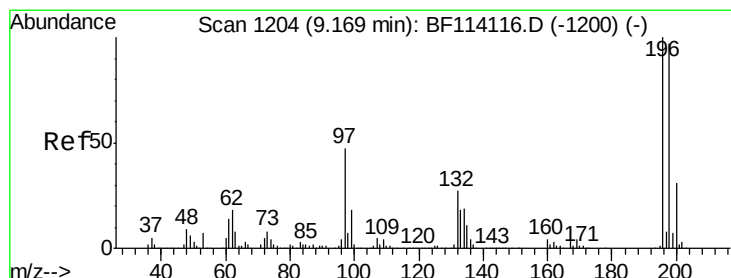
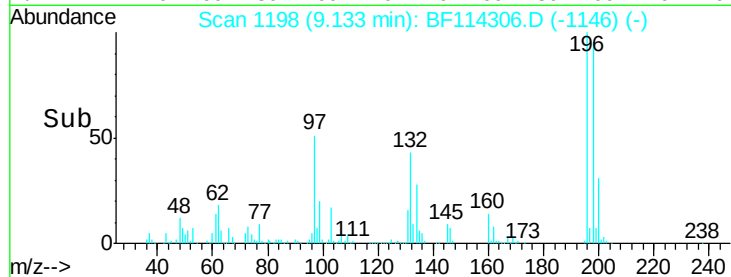
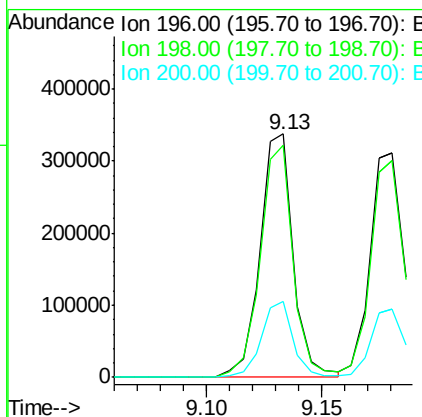
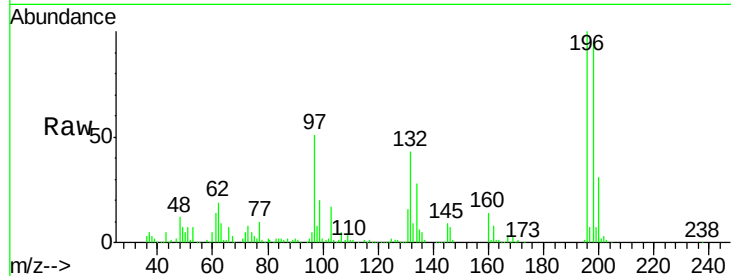




#43
 2,4,6-Trichlorophenol
 Concen: 33.570 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

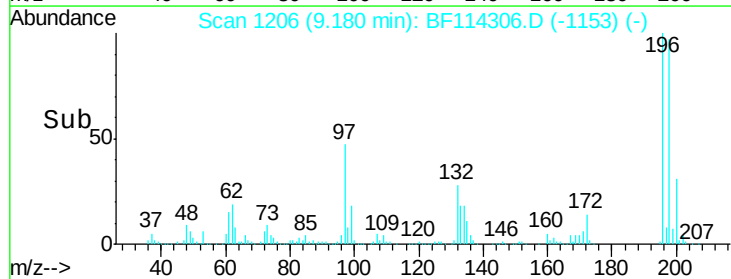
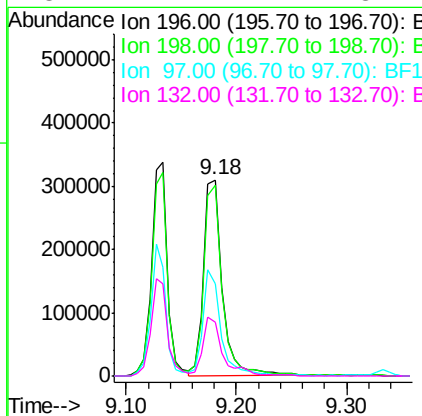
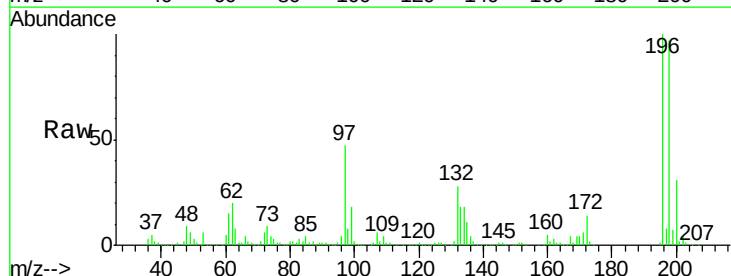
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

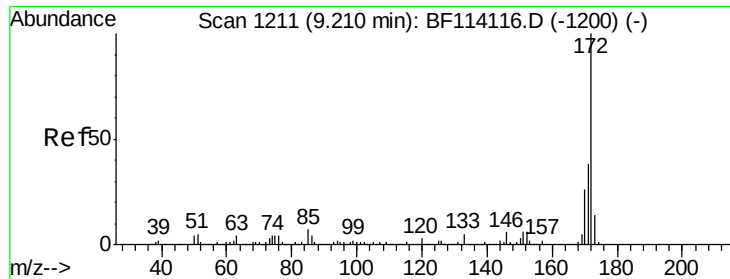
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.9	113.9
200	31.1	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 34.270 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.7	116.5
97	47.2	38.2	57.2
132	27.7	21.4	32.2

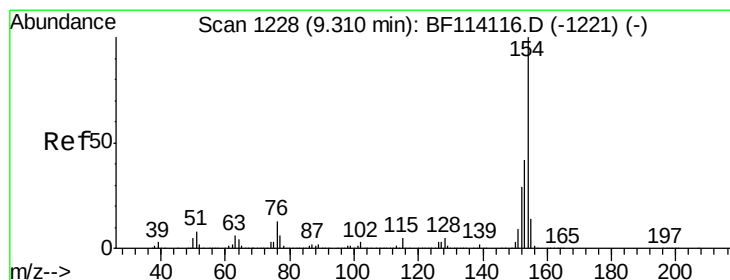
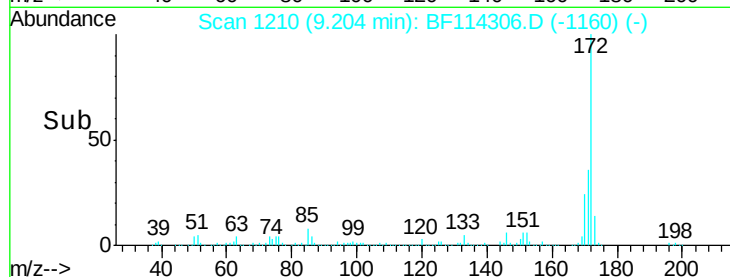
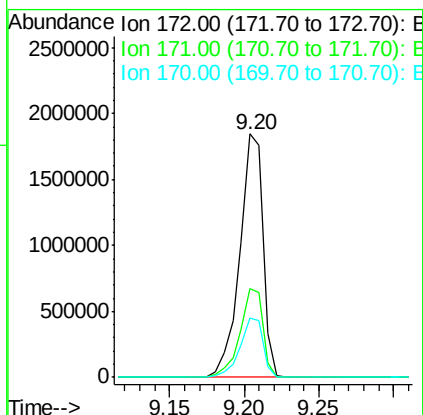
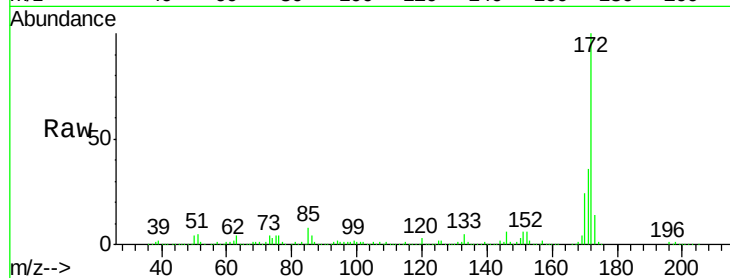




#45
2-Fluorobiphenyl
Concen: 62.332 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

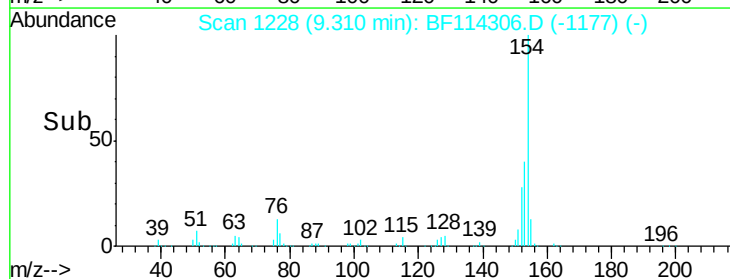
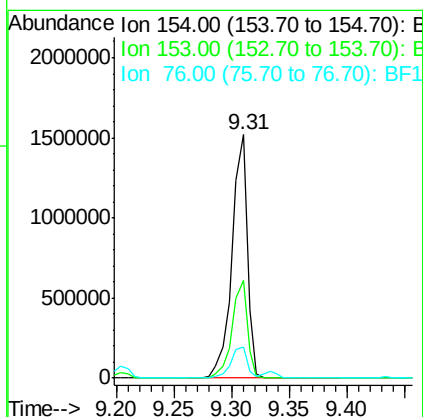
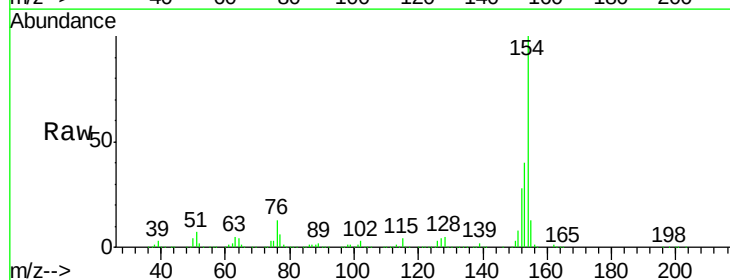
Instrument :
BNA_F
ClientSampleId :
PB119776BS

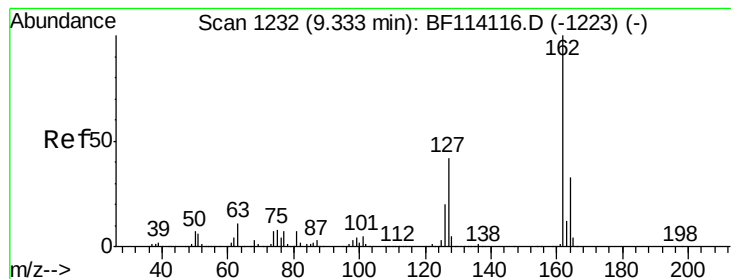
Tot Ion:172 Resp: 1995899
Ion Ratio Lower Upper
172 100
171 36.3 30.7 46.1
170 24.2 20.5 30.7



#46
1,1'-Biphenyl
Concen: 35.834 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:154 Resp: 1402194
Ion Ratio Lower Upper
154 100
153 40.3 21.9 61.9
76 12.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 34.162 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

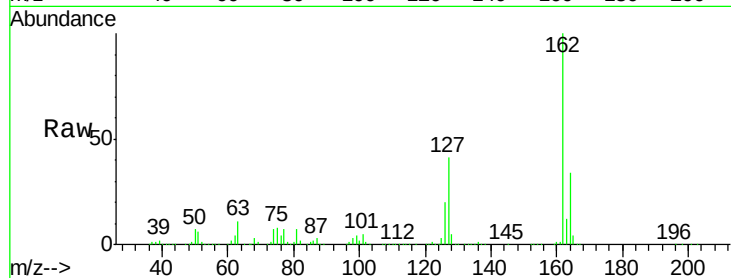
Tot Ion:162 Resp: 1075808

Ion Ratio Lower Upper

162 100

127 41.3 34.0 51.0

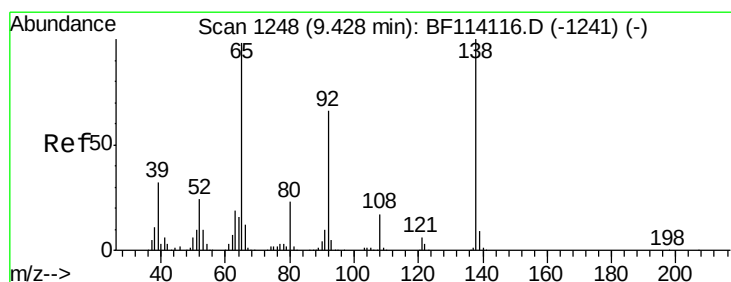
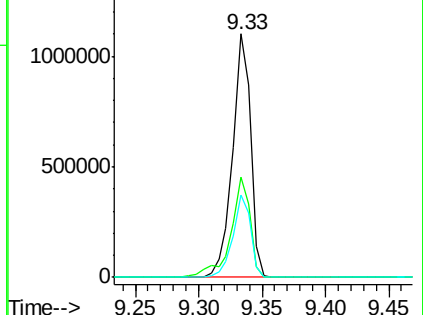
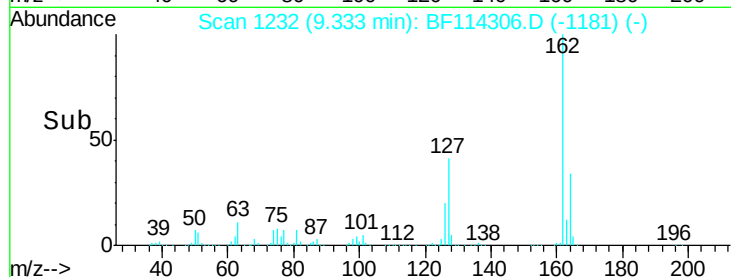
164 33.7 26.7 40.1



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: 33.553 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

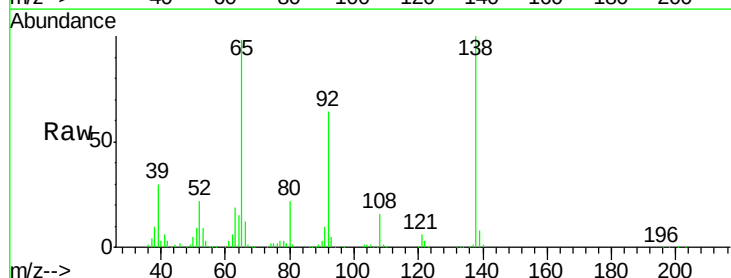
Tgt Ion: 65 Resp: 374729

Ion Ratio Lower Upper

65 100

92 65.6 53.9 80.9

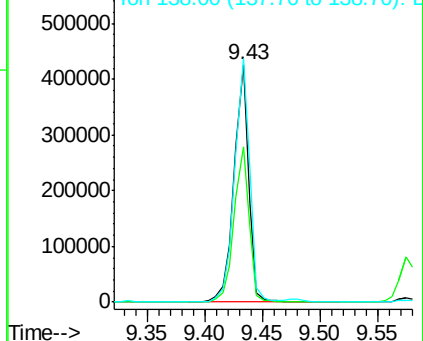
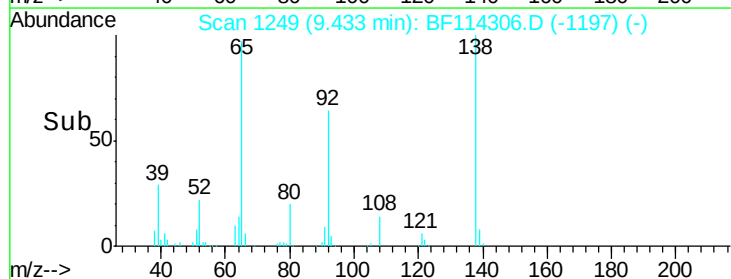
138 102.5 81.4 122.0

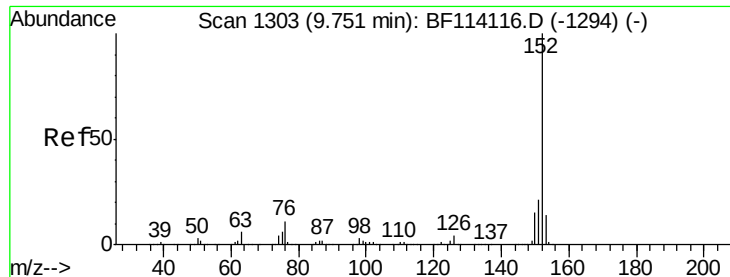


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.835 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

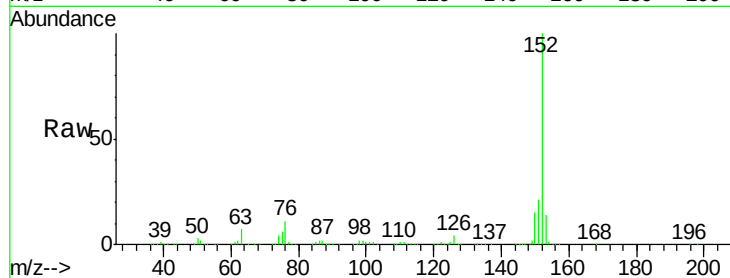
Tot Ion:152 Resp: 1716384

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

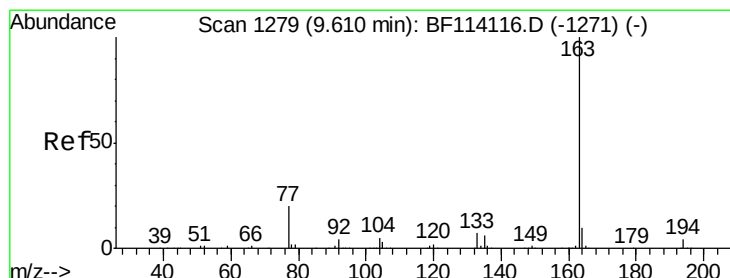
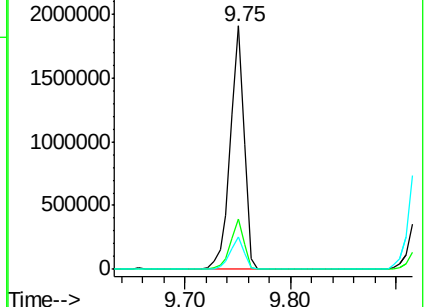
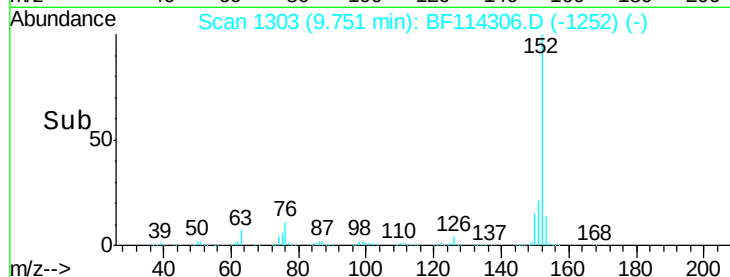
153 13.5 11.4 17.2



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: 34.657 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

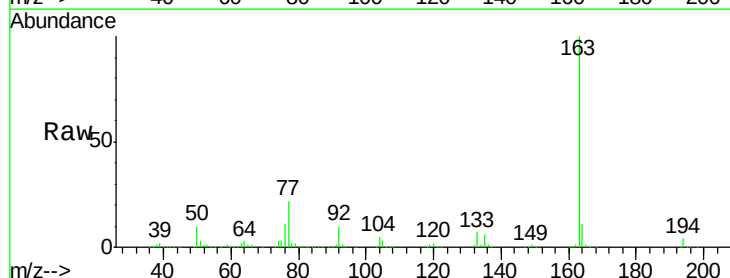
Tgt Ion:163 Resp: 1232274

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

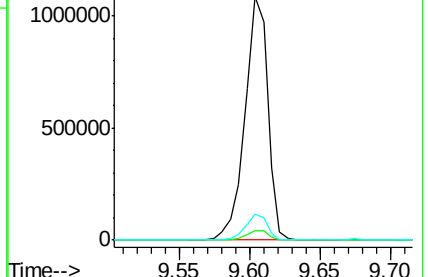
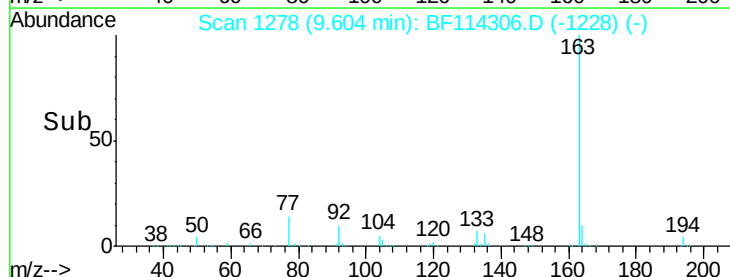
164 10.6 8.2 12.2

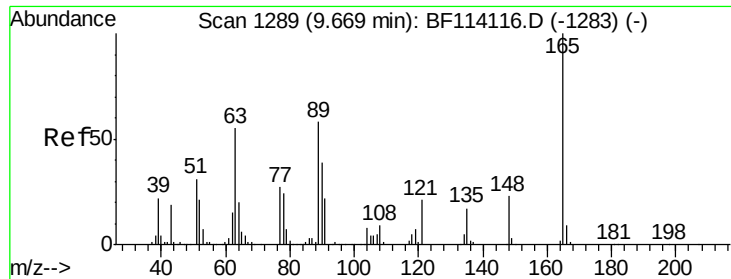


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.078 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

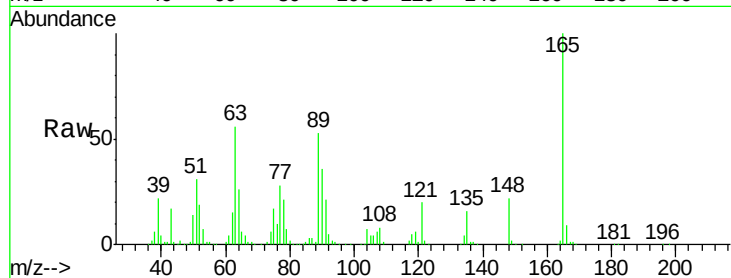
Tot Ion:165 Resp: 284527

Ion Ratio Lower Upper

165 100

63 56.2 50.2 75.4

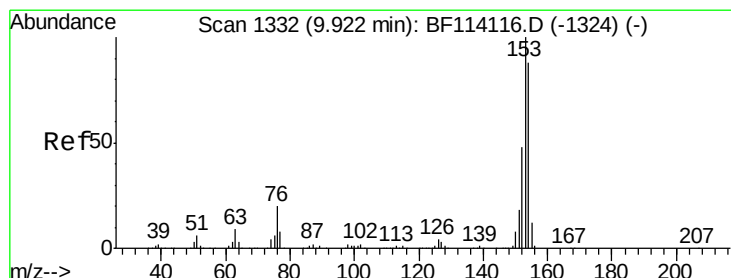
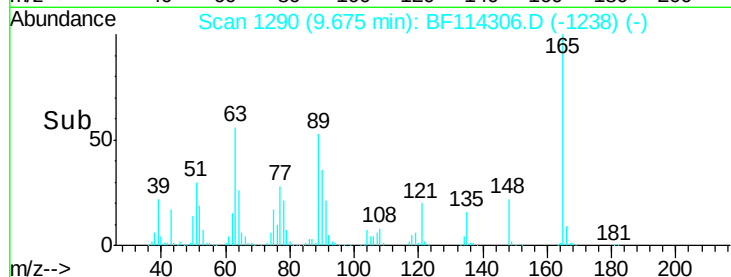
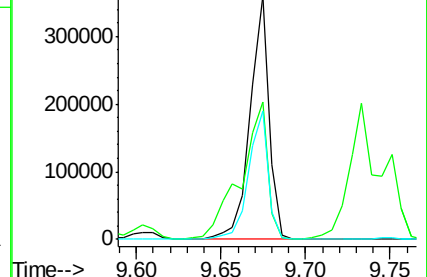
89 52.9 46.6 69.8



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: 33.889 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

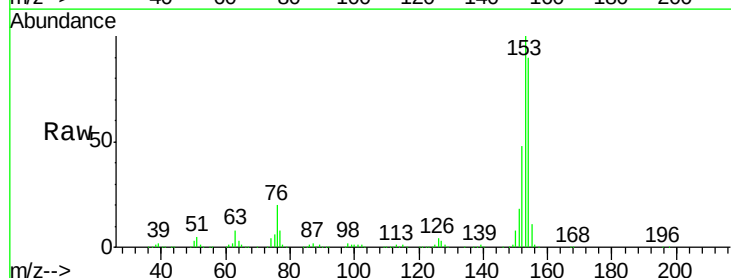
Tgt Ion:154 Resp: 996037

Ion Ratio Lower Upper

154 100

153 111.4 90.5 135.7

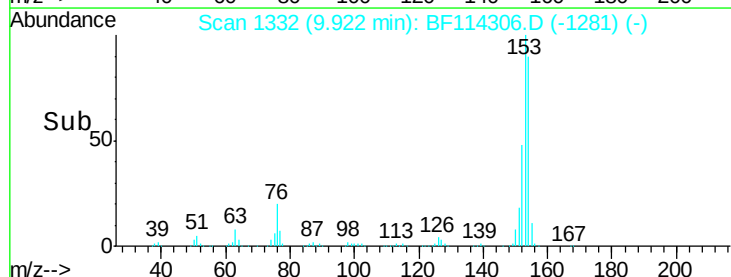
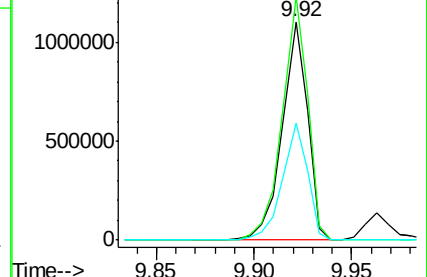
152 53.4 43.4 65.2

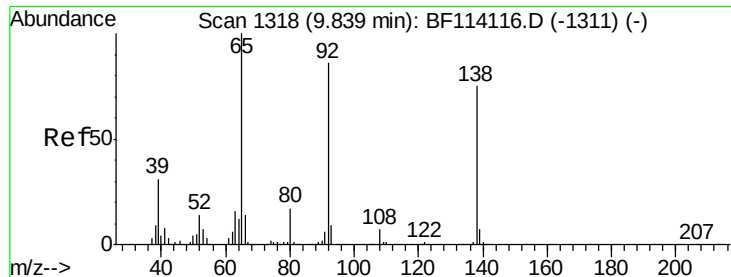


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

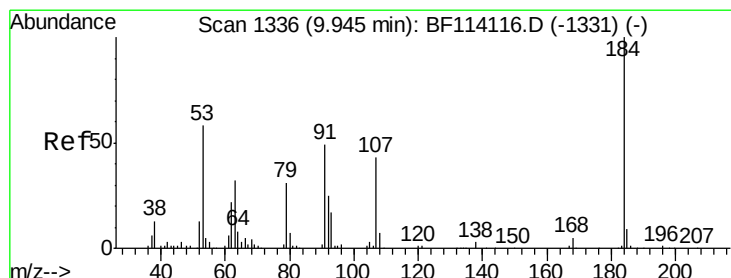
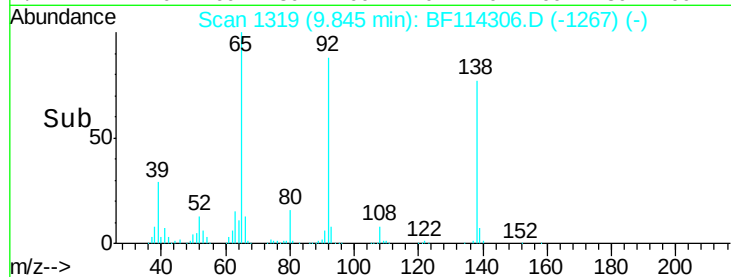
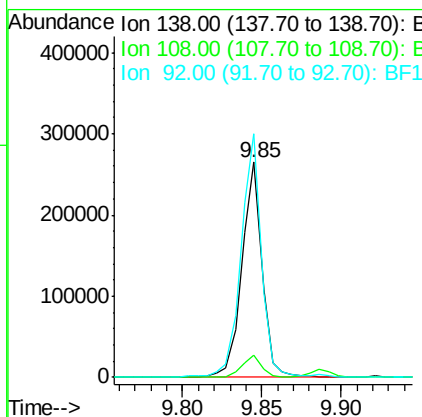
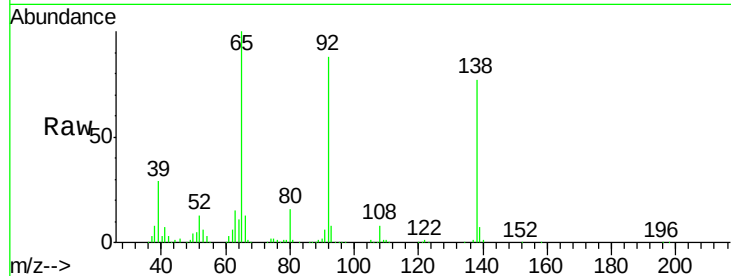




#53
 3-Nitroaniline
 Concen: 23.778 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

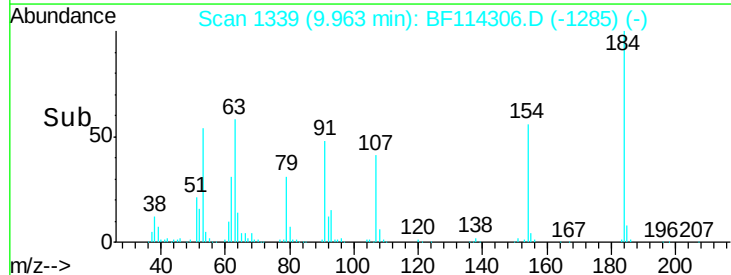
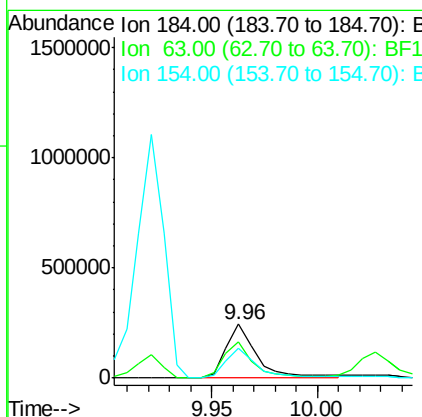
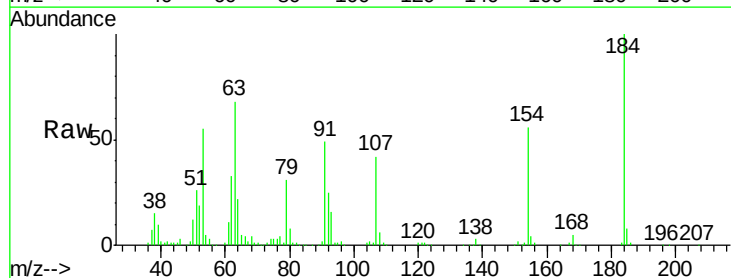
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

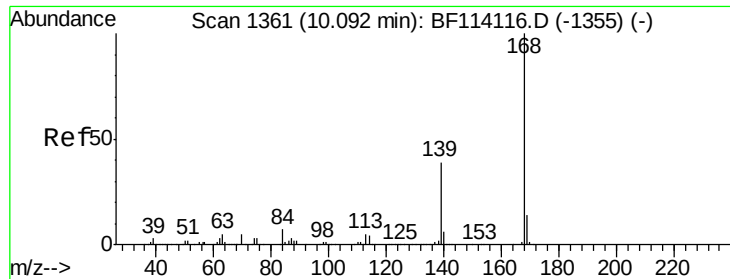
Tot Ion:138 Resp: 232781
 Ion Ratio Lower Upper
 138 100
 108 10.3 7.8 11.6
 92 113.2 91.2 136.8



#54
 2,4-Dinitrophenol
 Concen: 63.426 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.02 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion:184 Resp: 245469
 Ion Ratio Lower Upper
 184 100
 63 67.6 55.6 83.4
 154 56.1 46.0 69.0

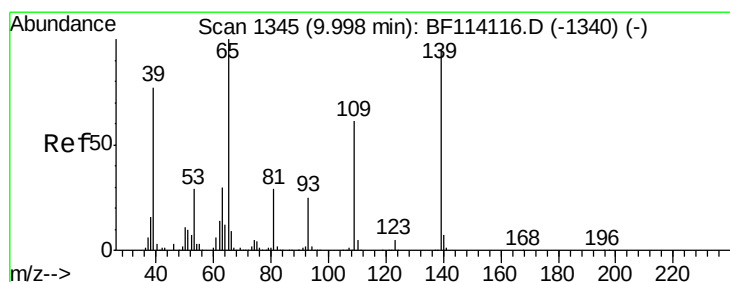
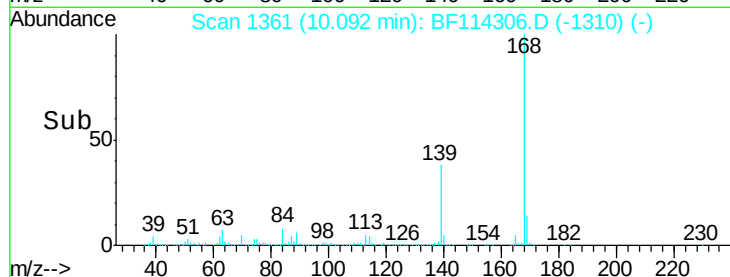
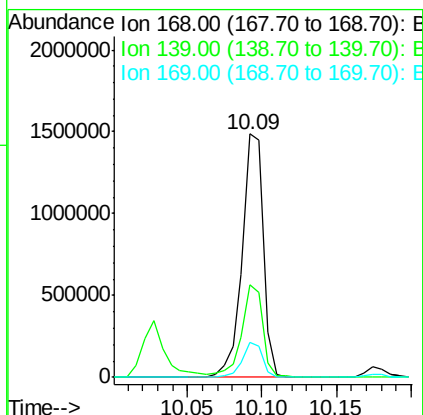
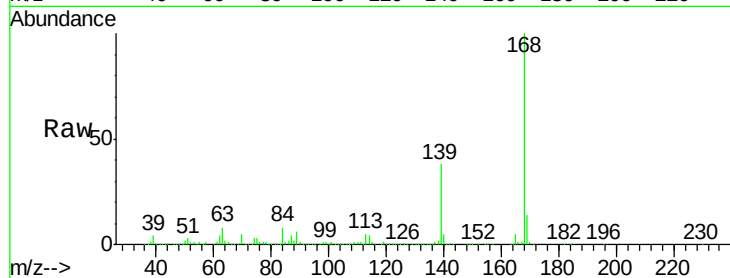




#55
Dibenzenofuran
Concen: 34.039 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

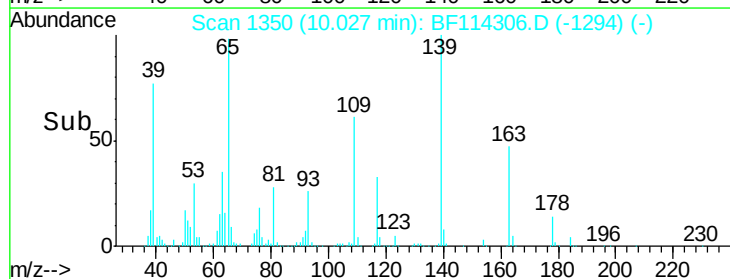
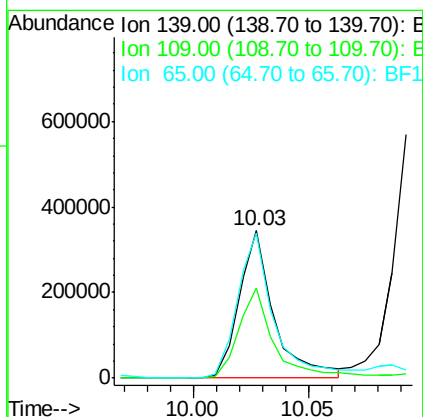
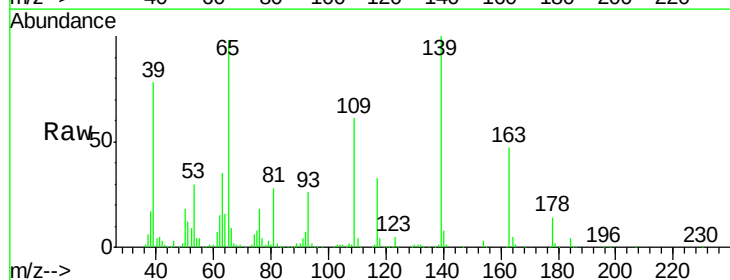
Instrument :
BNA_F
ClientSampleId :
PB119776BS

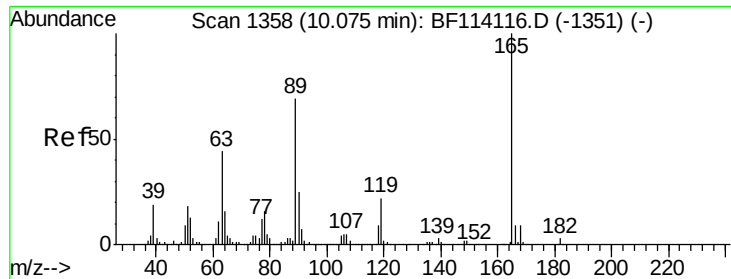
Tot Ion:168 Resp: 1467010
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 14.3 11.4 17.0



#56
4-Nitrophenol
Concen: 52.527 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:139 Resp: 363660
Ion Ratio Lower Upper
139 100
109 61.0 43.9 83.9
65 98.3 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 33.827 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion:165 Resp: 362090

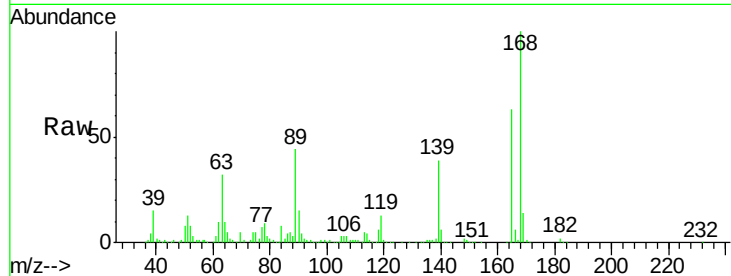
Ion Ratio Lower Upper

165 100

63 50.4 35.5 53.3

89 70.2 55.2 82.8

182 2.4 2.2 3.2

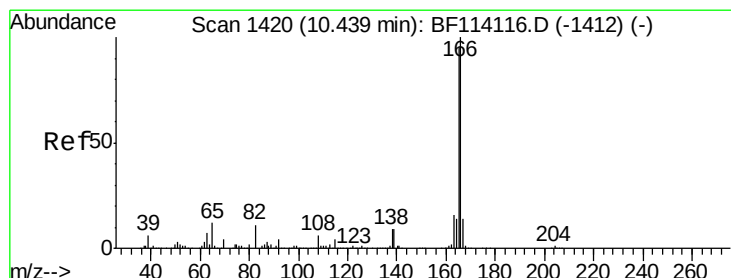
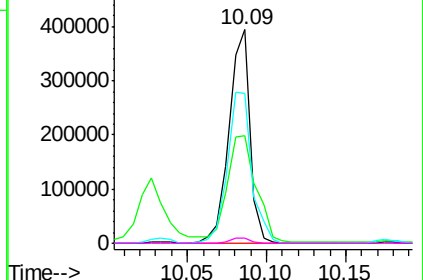
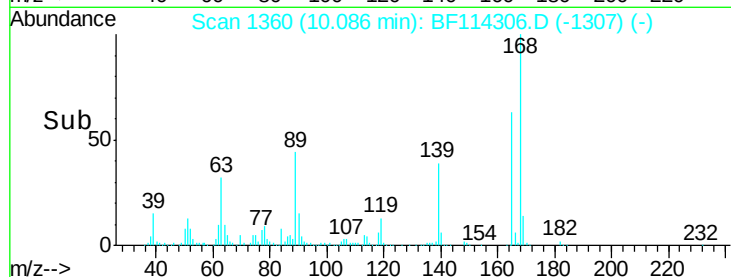


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 35.254 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

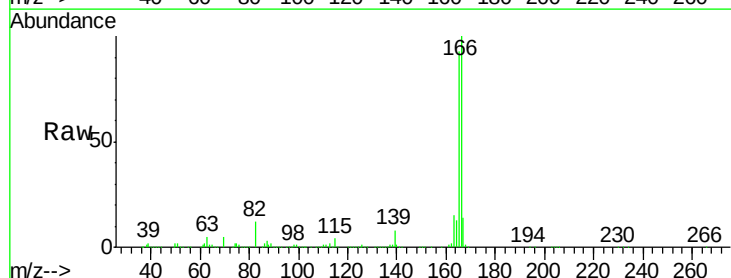
Tgt Ion:166 Resp: 1173594

Ion Ratio Lower Upper

166 100

165 93.4 76.1 114.1

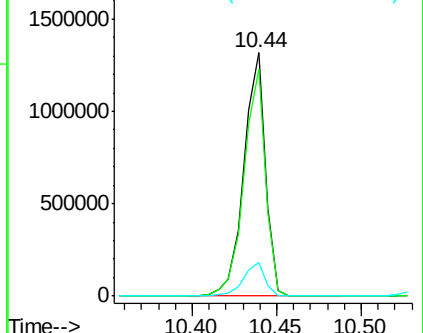
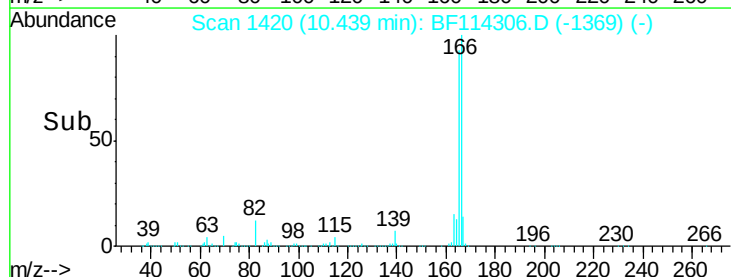
167 13.8 11.1 16.7

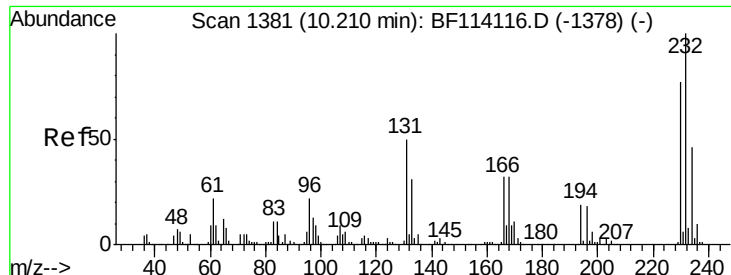


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

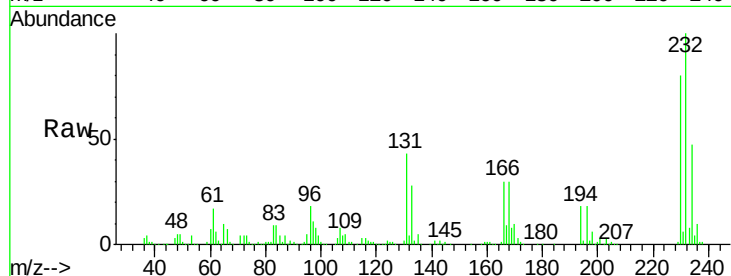




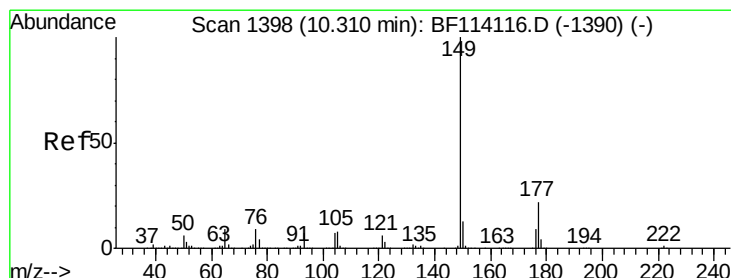
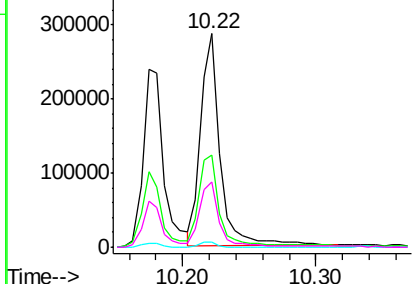
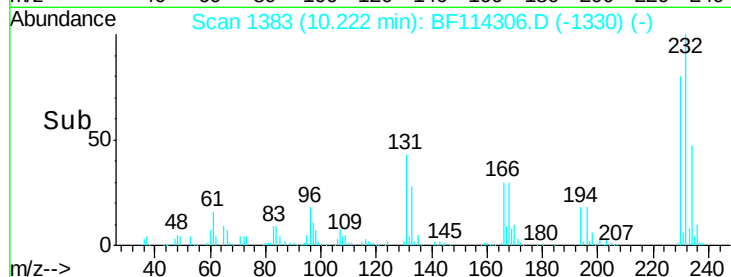
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.990 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	35.6	53.4
130	2.4	1.6	2.4
166	31.1	24.1	36.1

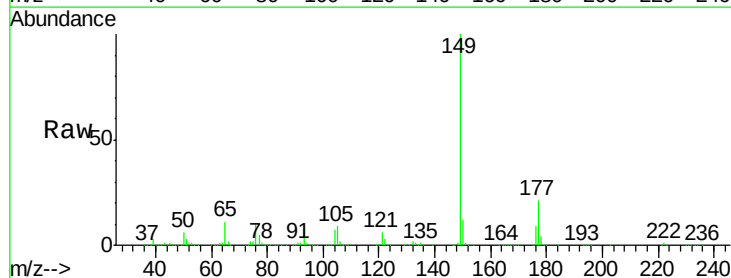


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

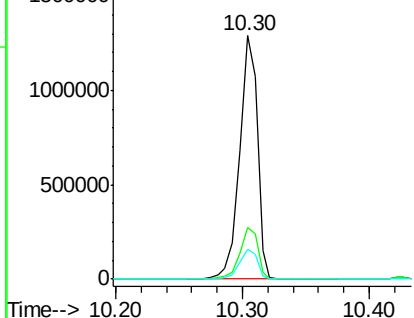
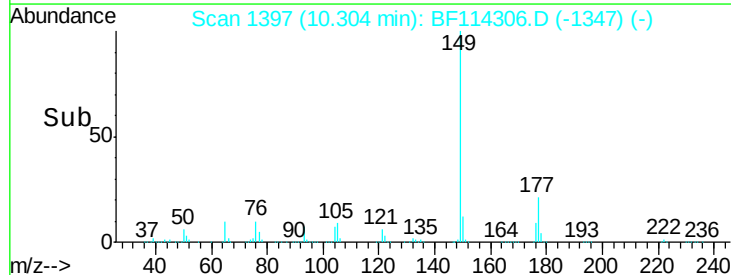


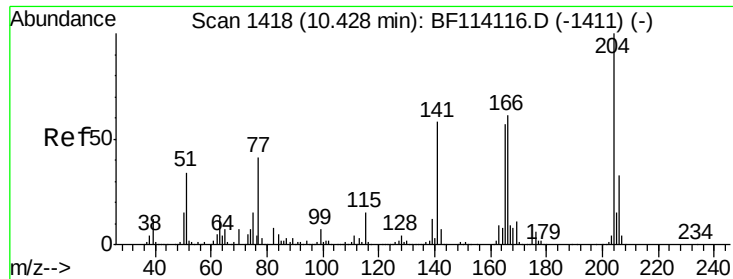
#60
 Diethylphthalate
 Concen: 34.127 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.8	26.6
150	12.4	10.2	15.2



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

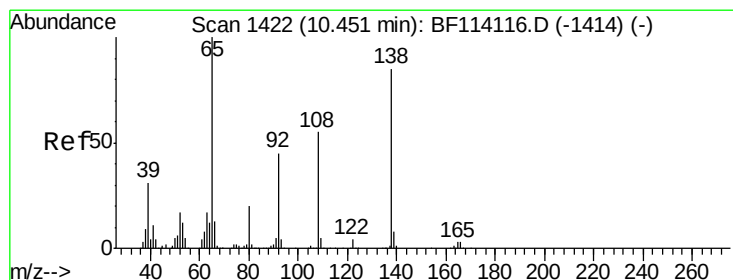
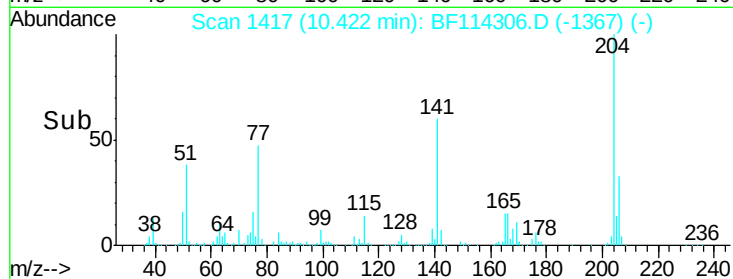
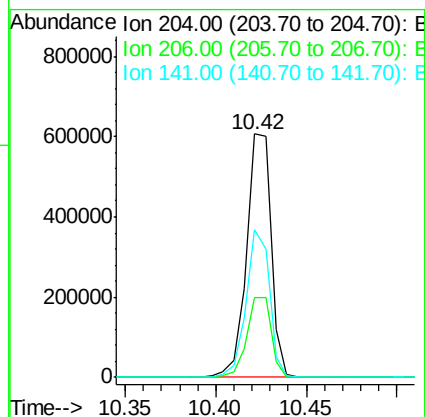
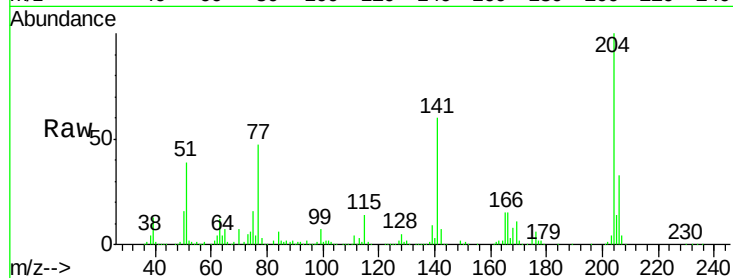




#61
 4-Chlorophenyl-phenylether
 Concen: 34.915 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

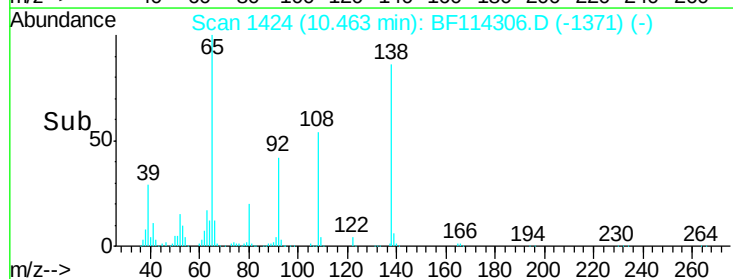
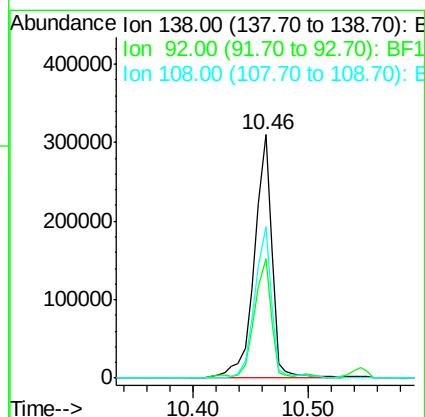
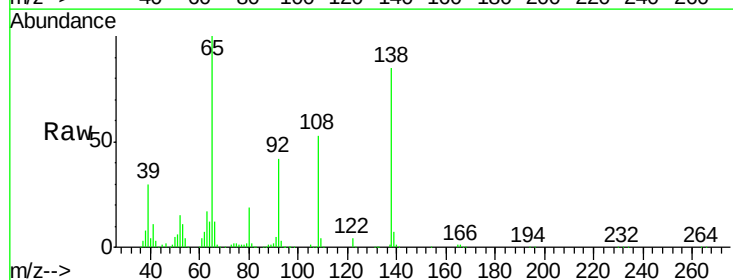
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

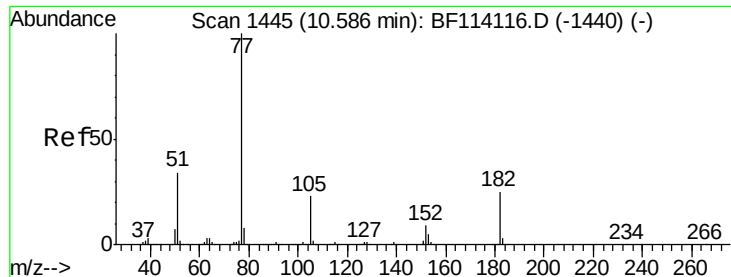
Tot Ion:204 Resp: 570870
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.6 39.8
 141 60.5 46.4 69.6



#62
 4-Nitroaniline
 Concen: 32.066 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion:138 Resp: 329876
 Ion Ratio Lower Upper
 138 100
 92 48.9 33.0 73.0
 108 62.3 44.9 84.9





#63

Azobenzene

Concen: 35.048 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion: 77 Resp: 1225637

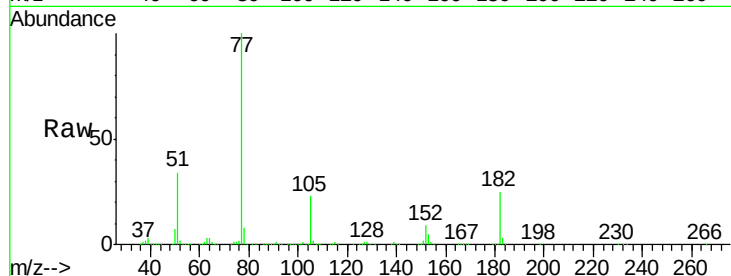
Ion Ratio Lower Upper

77 100

182 24.6 4.7 44.7

105 23.1 2.9 42.9

51 34.3 14.6 54.6

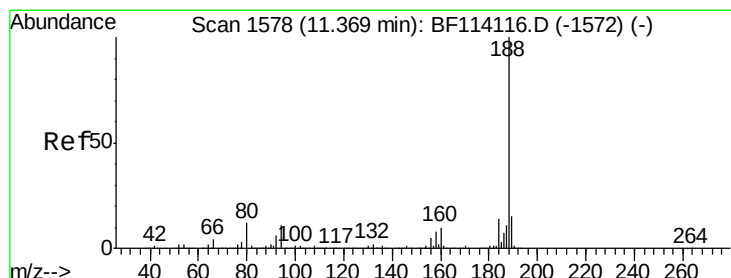
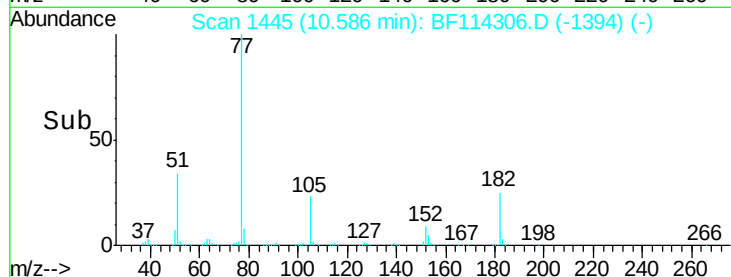
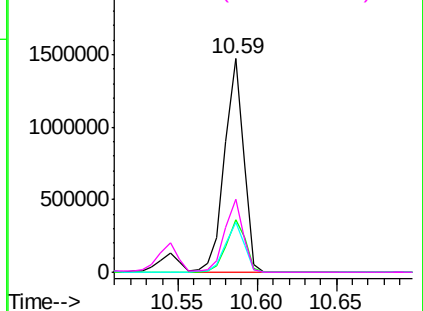


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

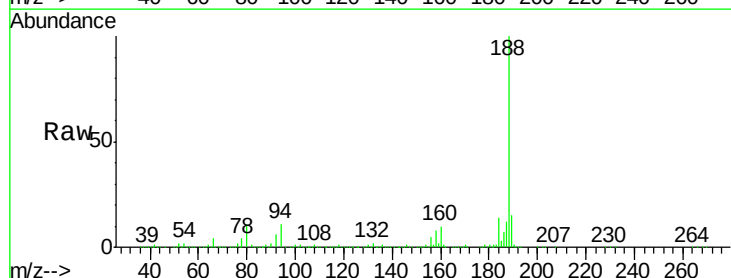
Tgt Ion: 188 Resp: 956655

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

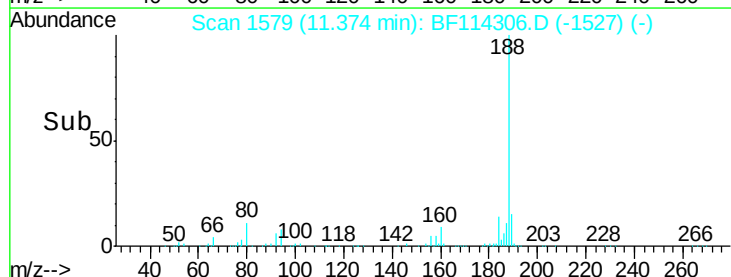
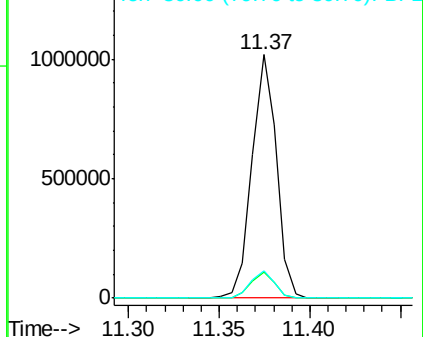
80 11.4 9.2 13.8

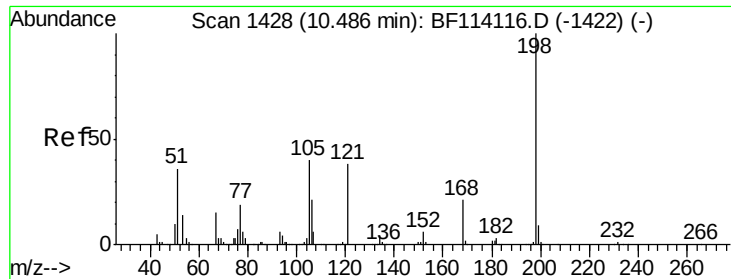


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 34.727 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

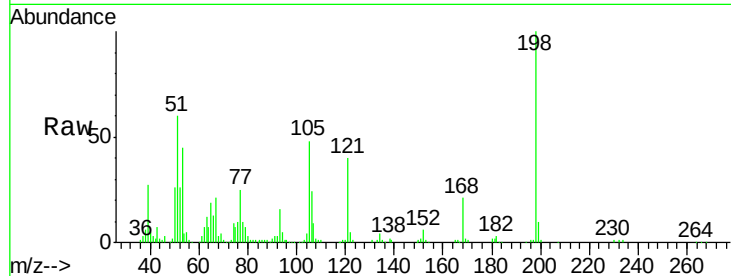
BNA_F

ClientSampleId :

PB119776BS

Tot Ion:198 Resp: 159633

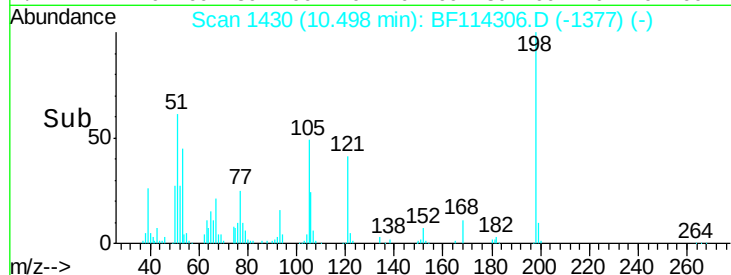
Ion	Ratio	Lower	Upper
198	100		
51	59.7	28.0	68.0
105	48.1	21.1	61.1



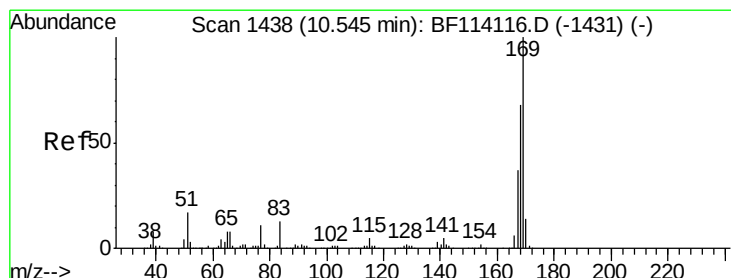
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 36.501 ng

RT: 10.55 min Scan# 1438

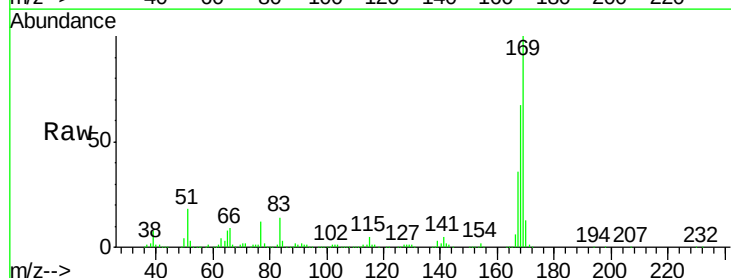
Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Tgt Ion:169 Resp: 1059807

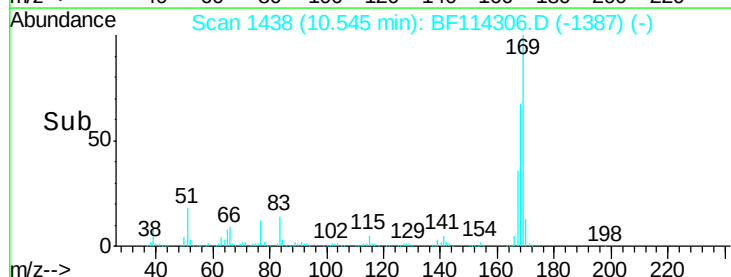
Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.2	81.2
167	36.2	29.8	44.8



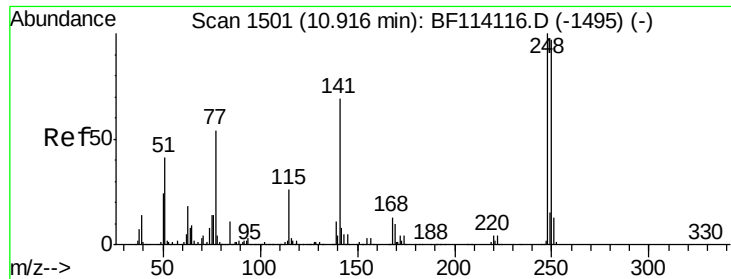
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



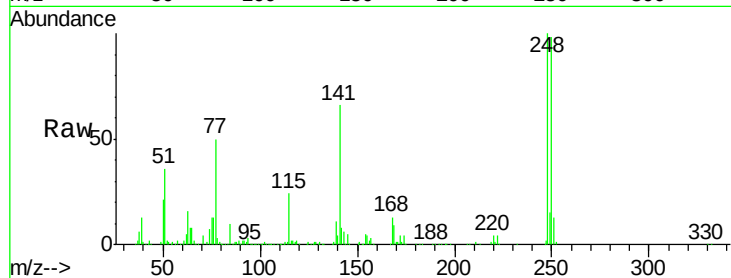
Time-->



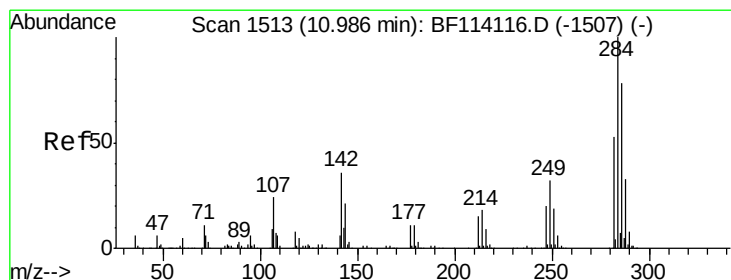
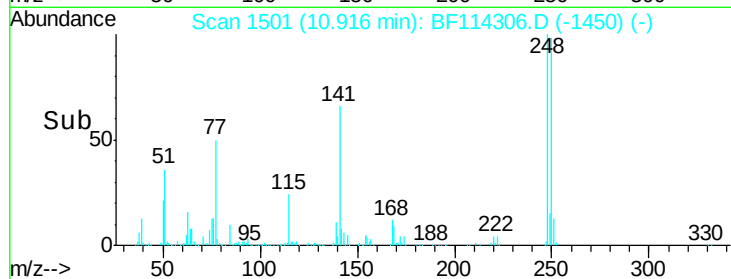
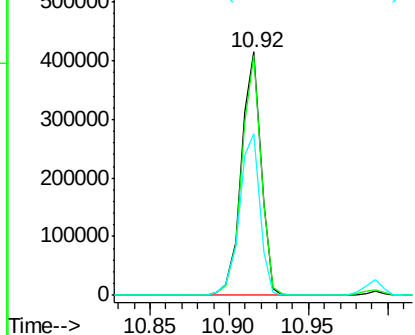
#67
4-Bromophenyl-phenylether
Concen: 33.917 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.4	116.2
141	66.3	55.6	83.4

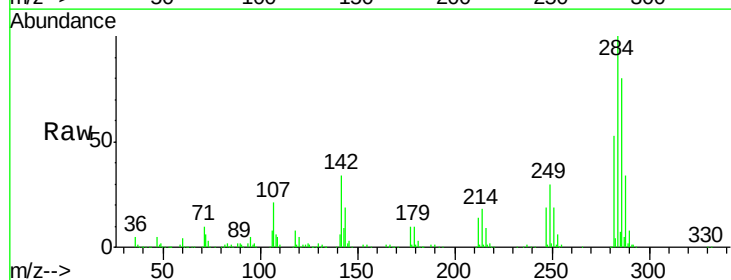


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

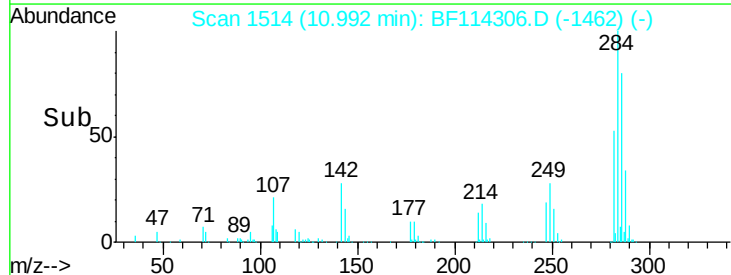
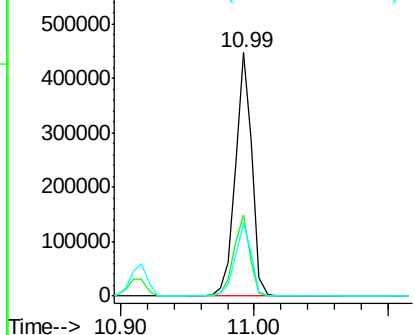


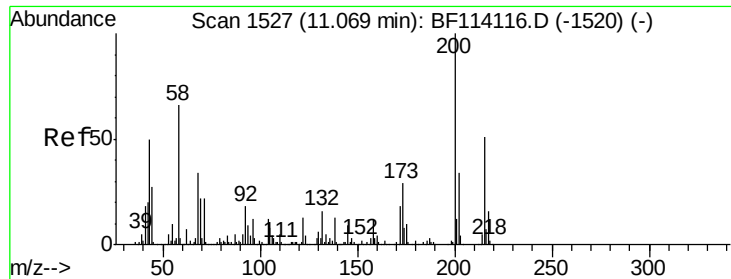
#68
Hexachlorobenzene
Concen: 33.188 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	28.4	42.6
249	30.0	25.2	37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

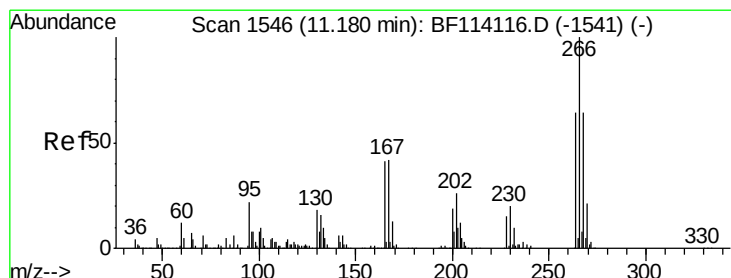
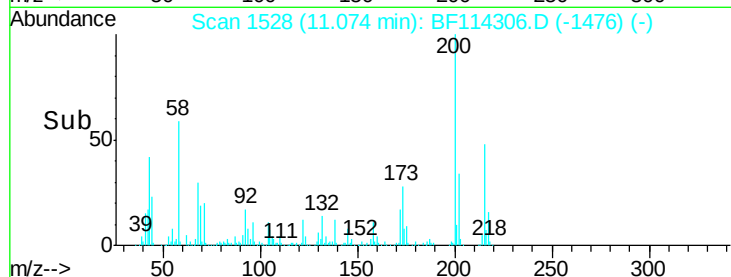
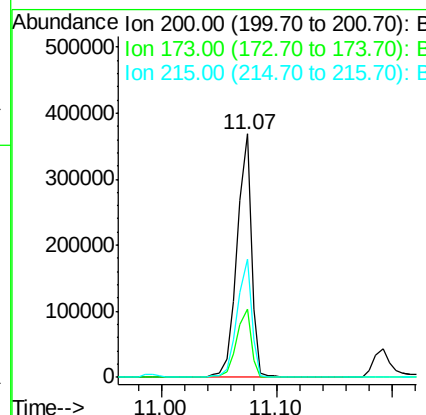
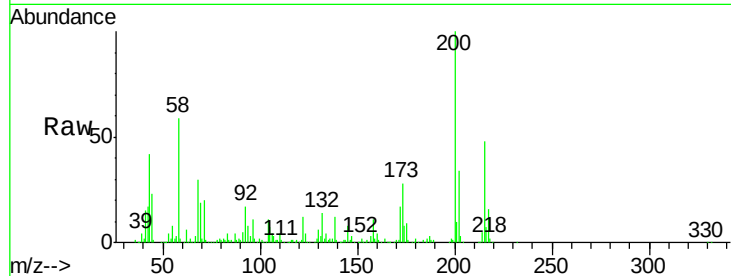




#69
Atrazine
Concen: 35.535 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

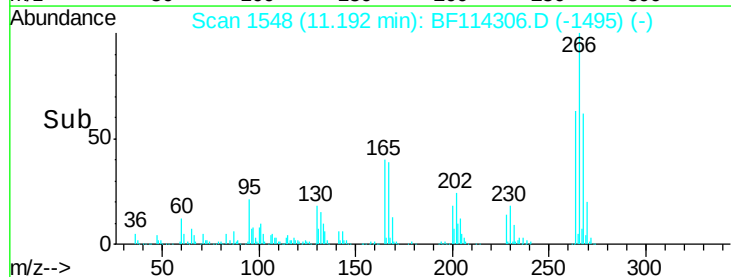
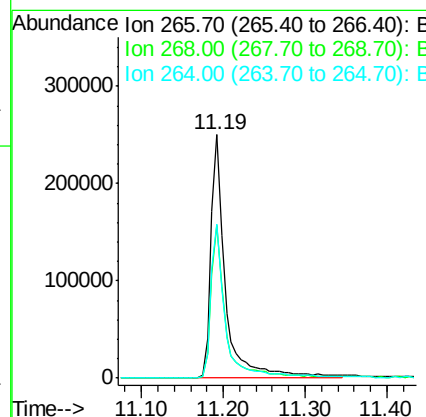
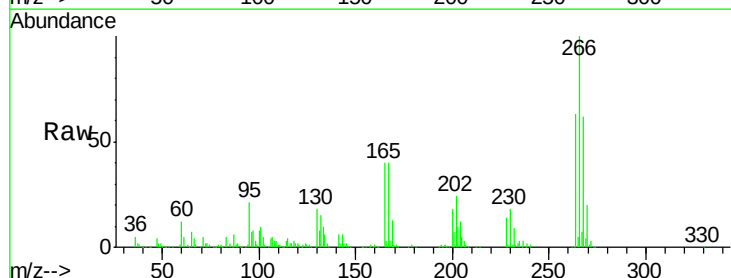
Instrument :
BNA_F
ClientSampleId :
PB119776BS

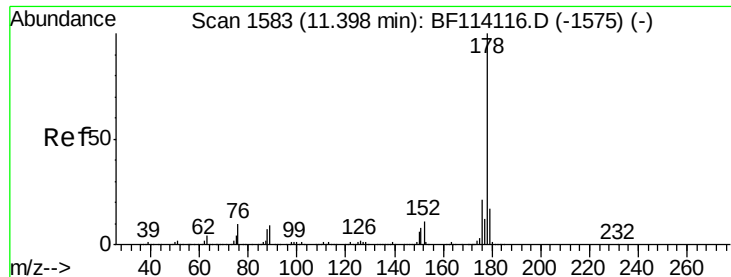
Tot Ion:200 Resp: 321073
Ion Ratio Lower Upper
200 100
173 28.2 8.9 48.9
215 48.5 30.7 70.7



#70
Pentachlorophenol
Concen: 56.850 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:266 Resp: 314025
Ion Ratio Lower Upper
266 100
268 62.5 51.1 76.7
264 63.1 51.1 76.7





#71

Phenanthrene

Concen: 35.646 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

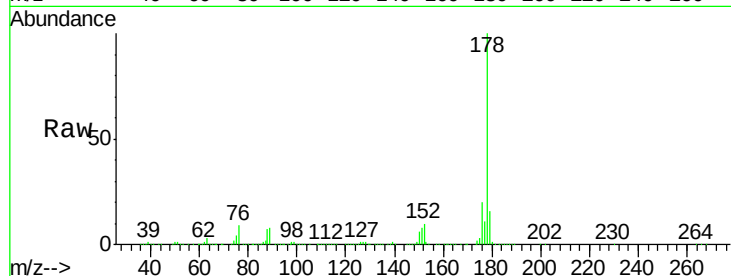
Tot Ion:178 Resp: 1659069

Ion Ratio Lower Upper

178 100

176 19.9 16.4 24.6

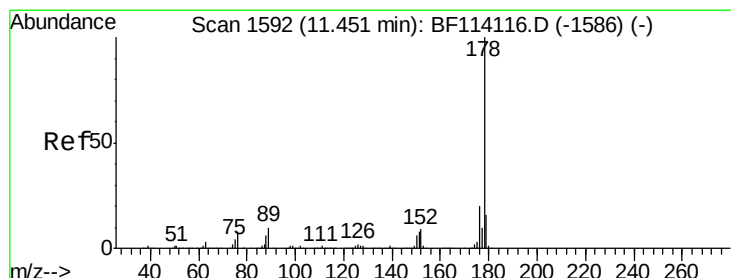
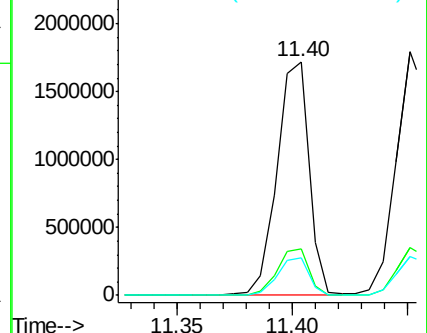
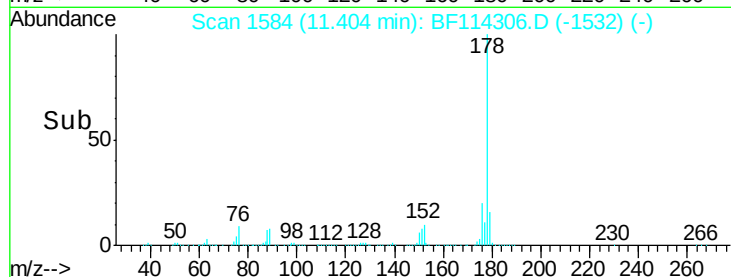
179 16.0 13.2 19.8



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: 37.395 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

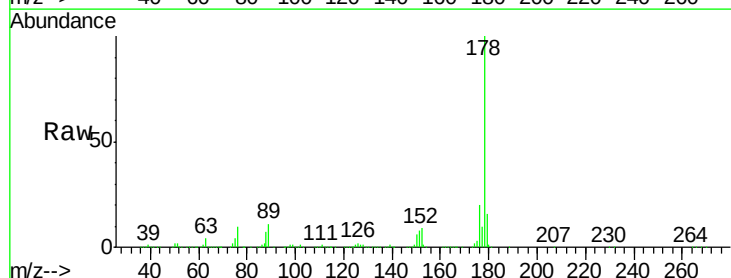
Tgt Ion:178 Resp: 1748143

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

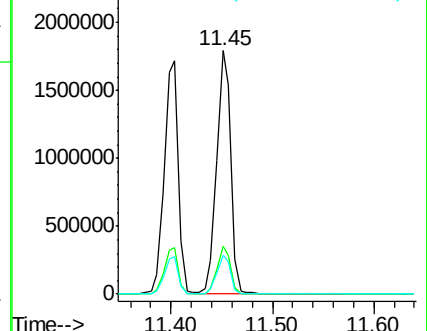
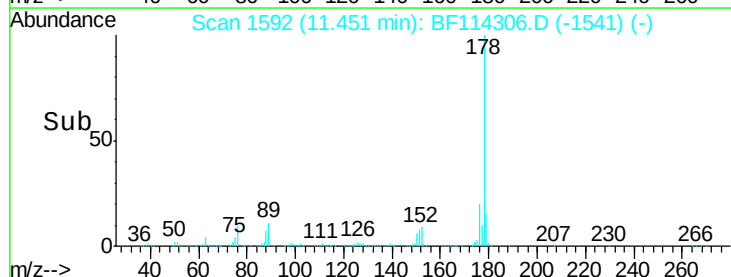
179 16.2 13.0 19.4

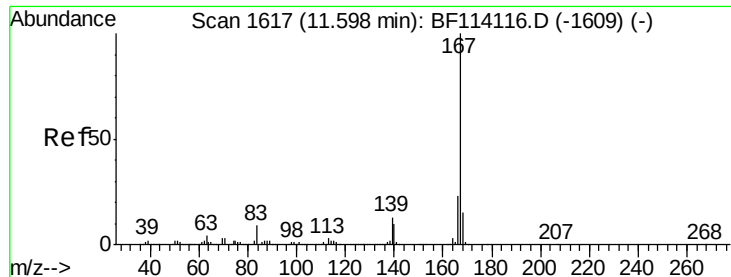


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

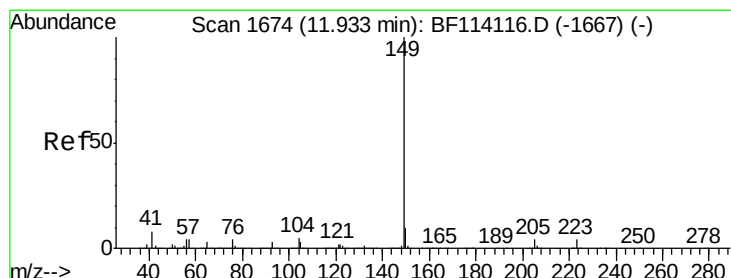
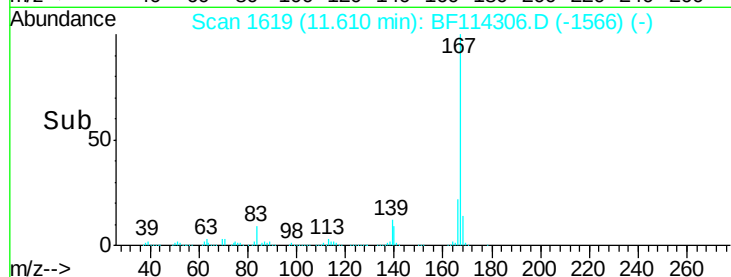
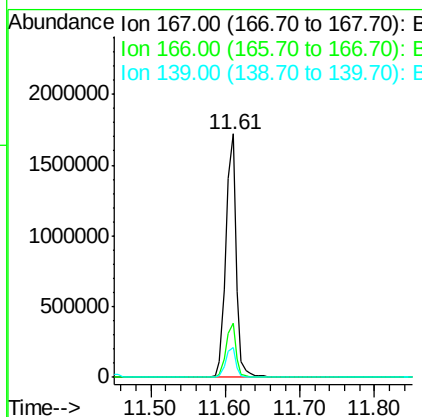
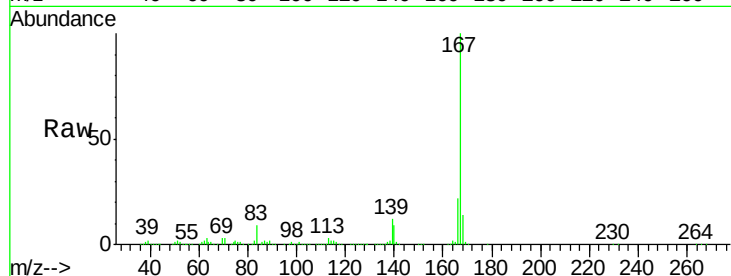




#73
 Carbazole
 Concen: 37.467 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

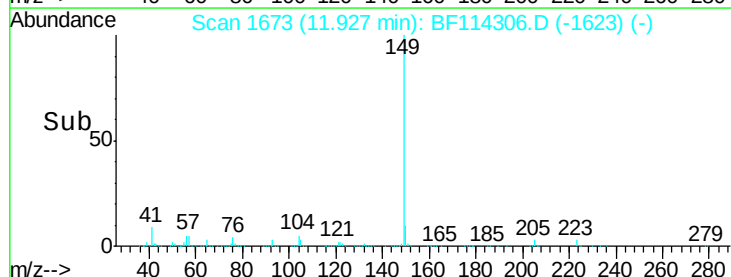
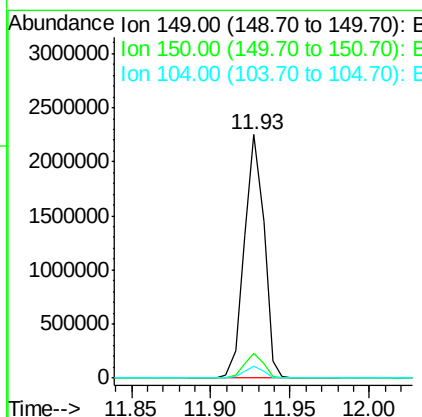
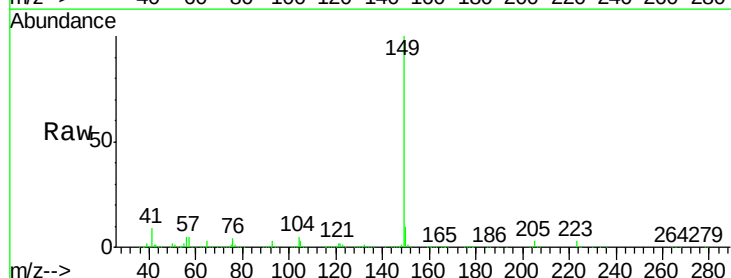
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

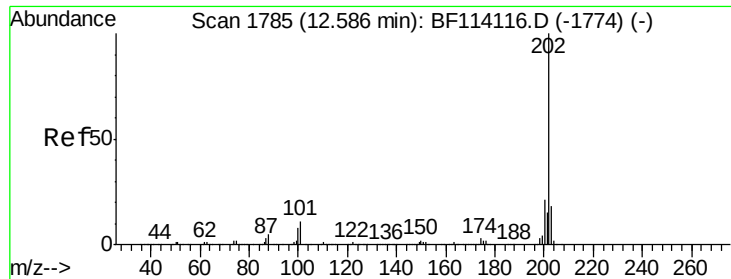
Tot Ion:167 Resp: 1670210
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 12.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 37.623 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114306.D
 Acq: 16 May 2019 13:55

Tgt Ion:149 Resp: 1932218
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 36.695 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

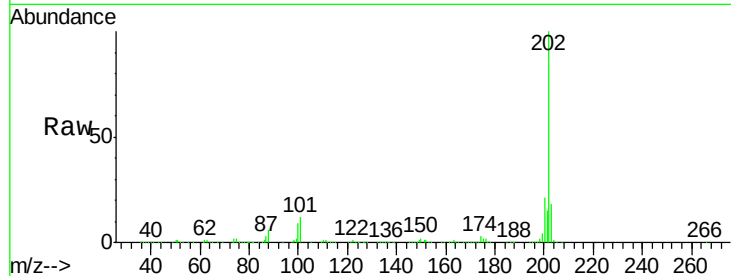
BNA_F

ClientSampleId :

PB119776BS

Tot Ion:202 Resp: 1839187

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.0
203	18.3	0.0	38.4

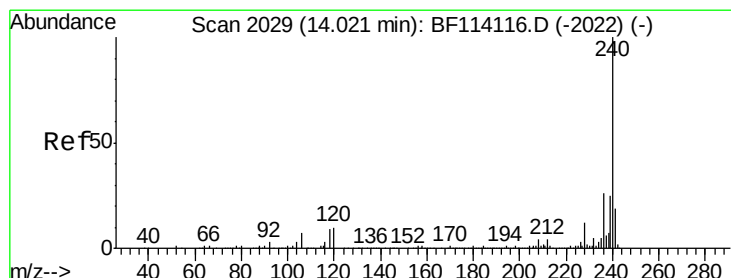
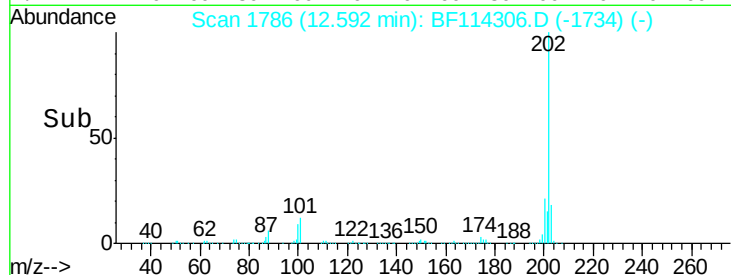
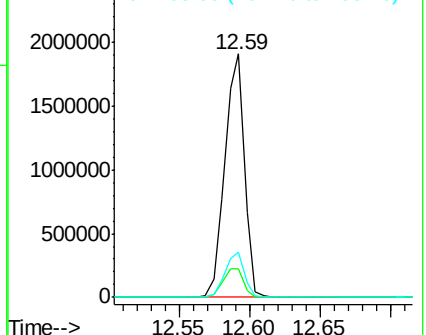


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

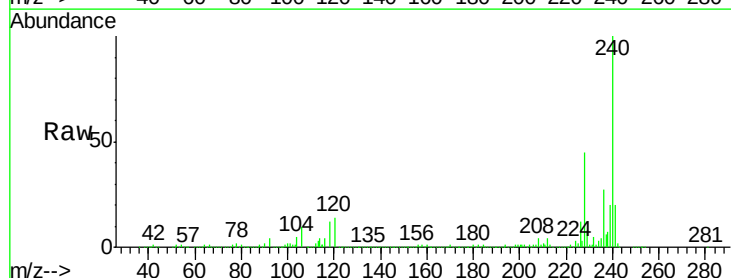
Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Tgt Ion:240 Resp: 700909

Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.3	12.5#
236	26.7	20.8	31.2

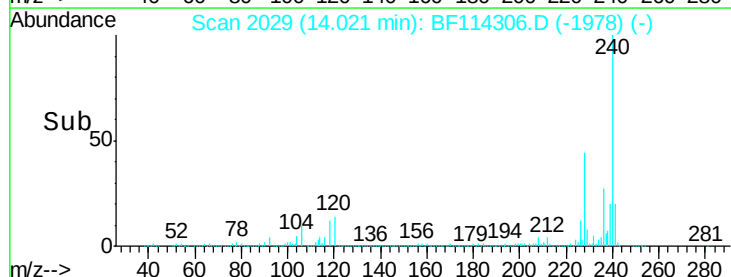
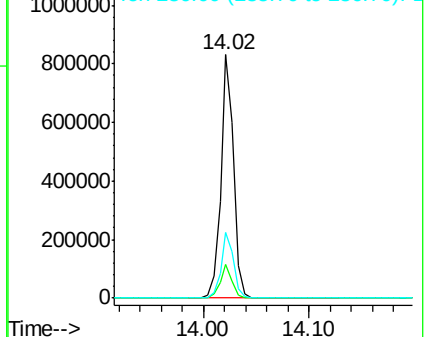


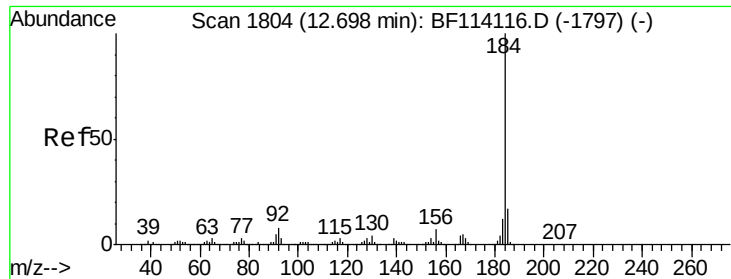
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.819 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

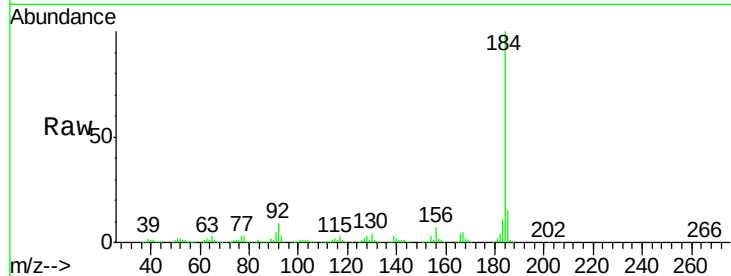
Tot Ion:184 Resp: 780884

Ion Ratio Lower Upper

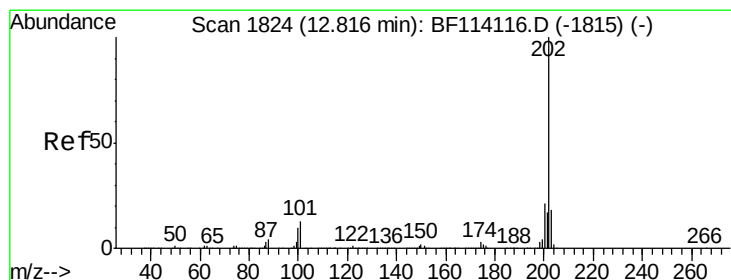
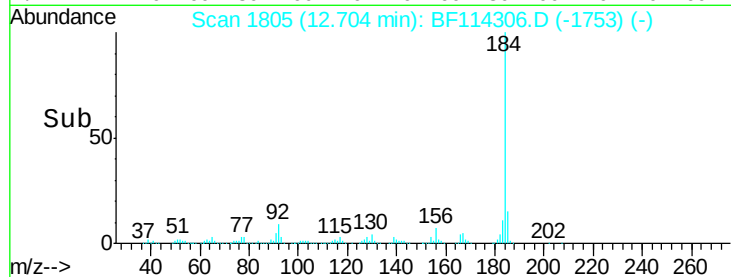
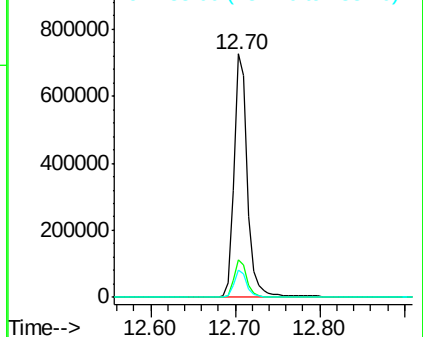
184 100

185 15.2 13.6 20.4

183 11.1 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: 32.991 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

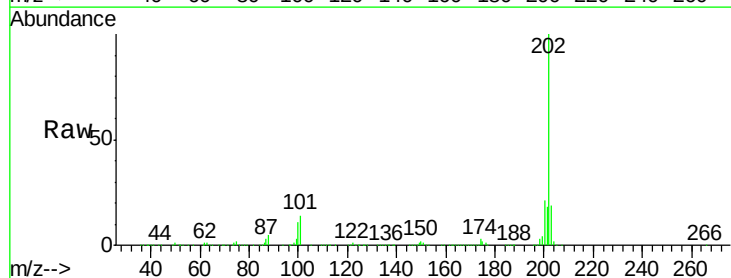
Tgt Ion:202 Resp: 1860192

Ion Ratio Lower Upper

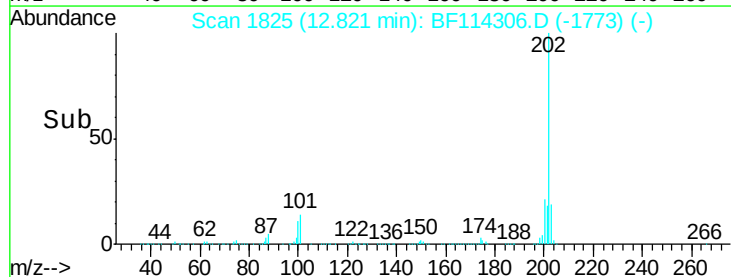
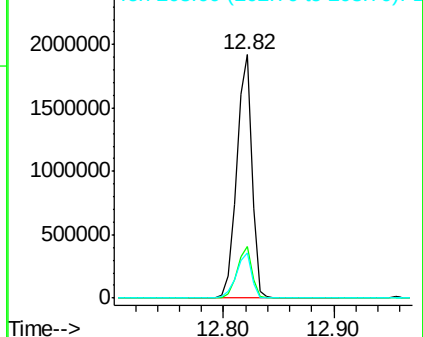
202 100

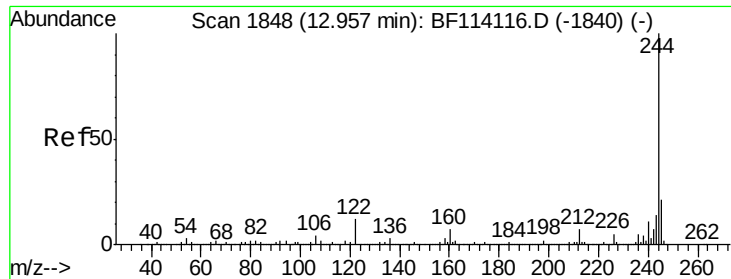
200 21.1 16.9 25.3

203 18.5 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.477 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampled :

PB119776BS

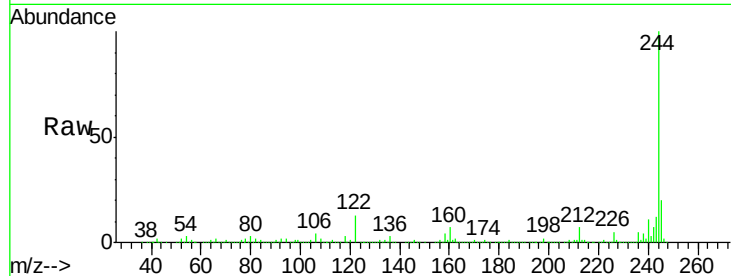
Tot Ion:244 Resp: 2124301

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

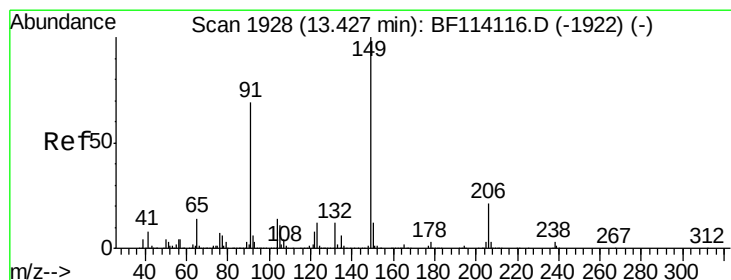
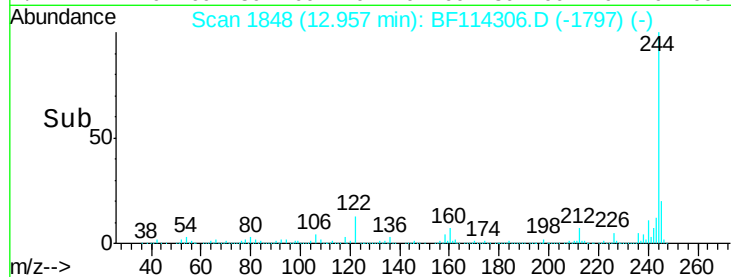
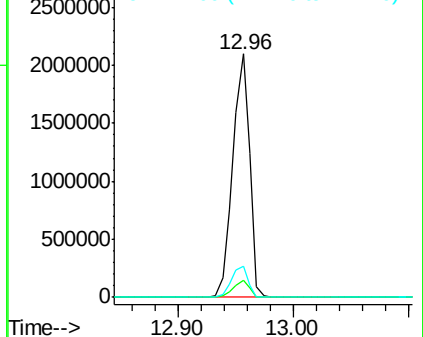
122 12.7 9.4 14.2



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: 36.605 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

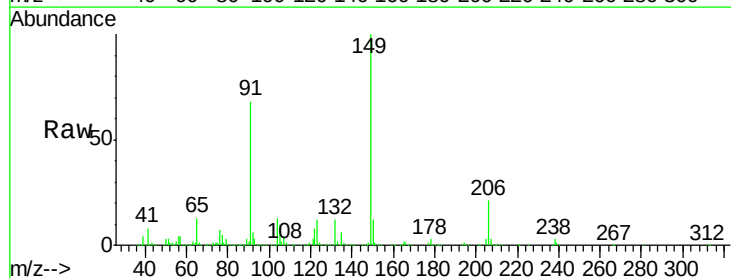
Tgt Ion:149 Resp: 868729

Ion Ratio Lower Upper

149 100

91 68.0 55.0 82.4

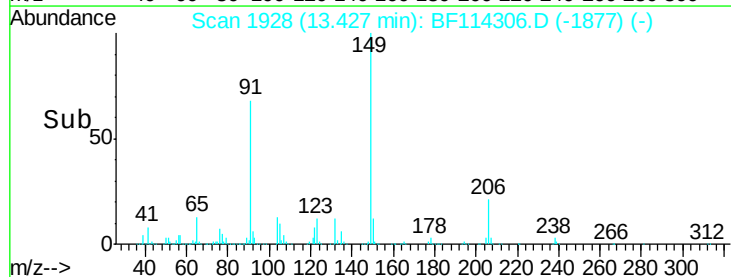
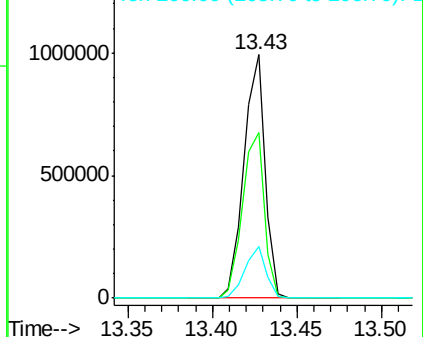
206 21.2 16.9 25.3

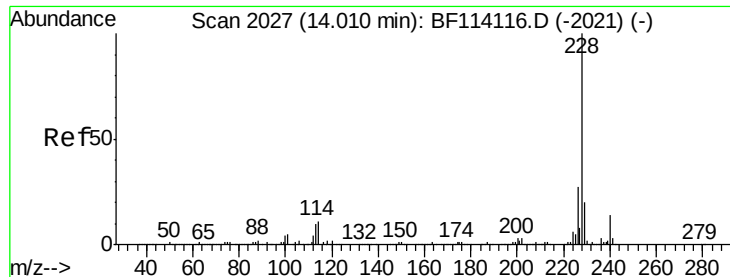


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.429 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

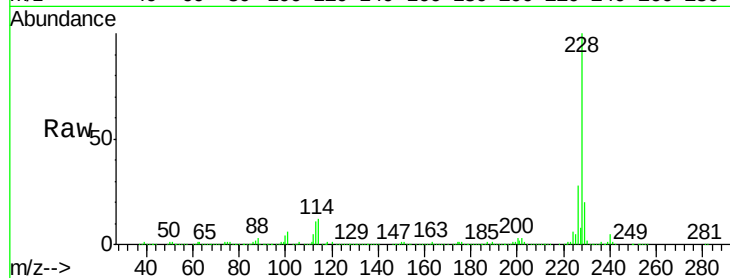
Tot Ion:228 Resp: 1606154

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

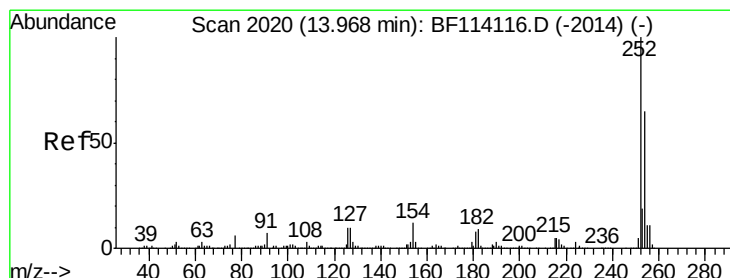
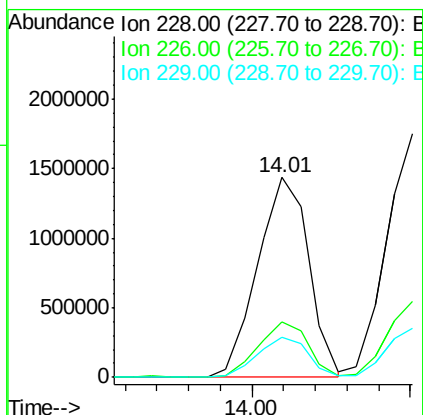
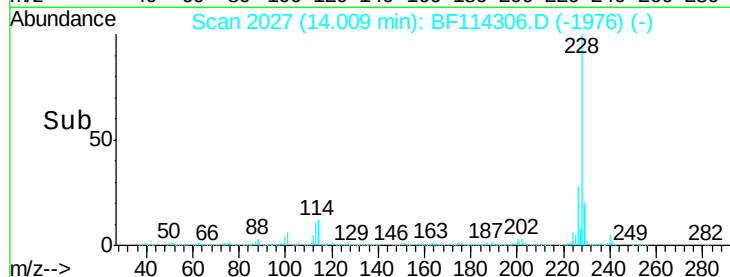
229 20.1 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.786 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

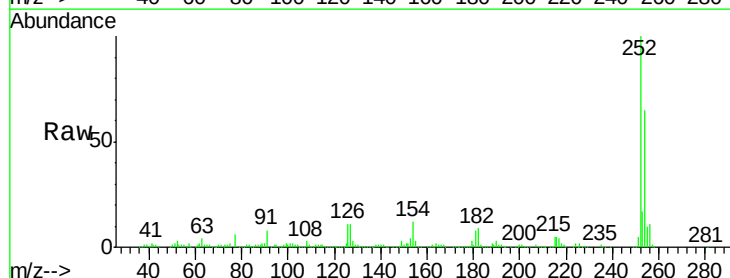
Tgt Ion:252 Resp: 488651

Ion Ratio Lower Upper

252 100

254 65.2 51.9 77.9

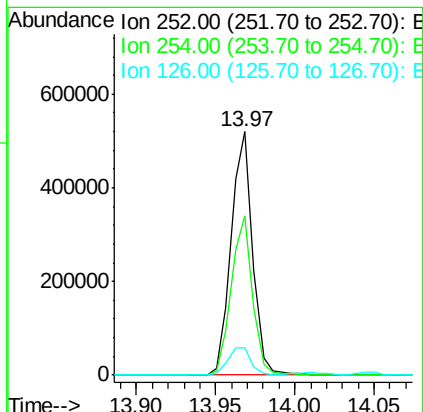
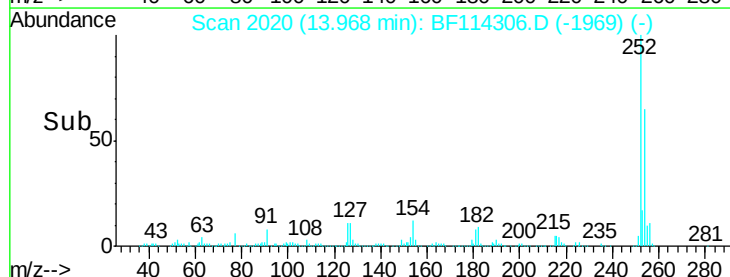
126 11.1 7.9 11.9

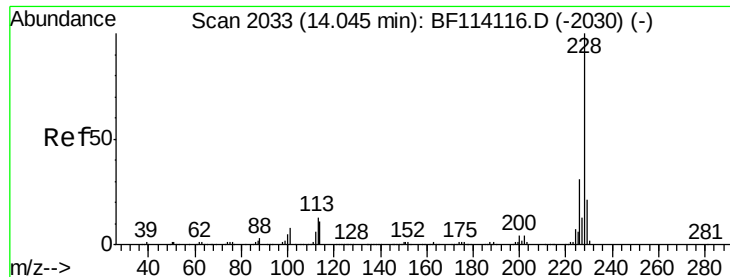


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.103 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

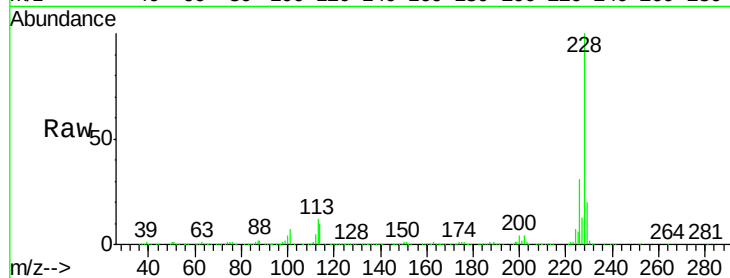
Tot Ion:228 Resp: 1559990

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

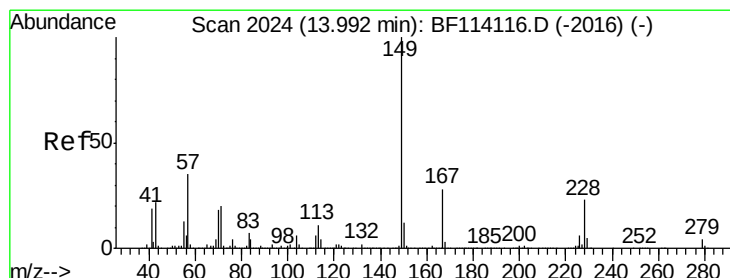
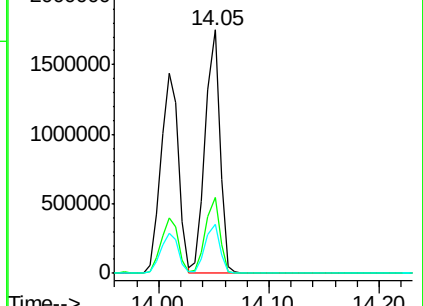
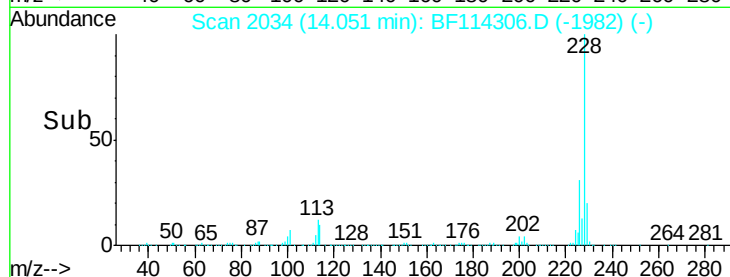
229 20.4 17.0 25.6



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: 38.696 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

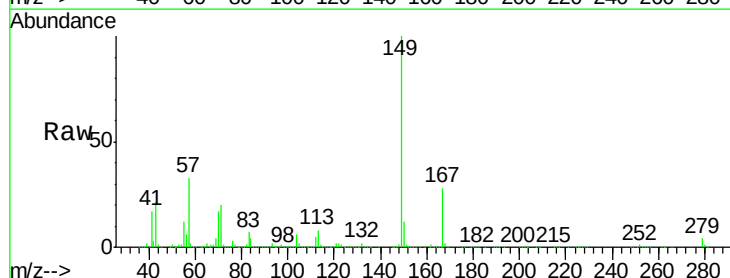
Tgt Ion:149 Resp: 1201092

Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

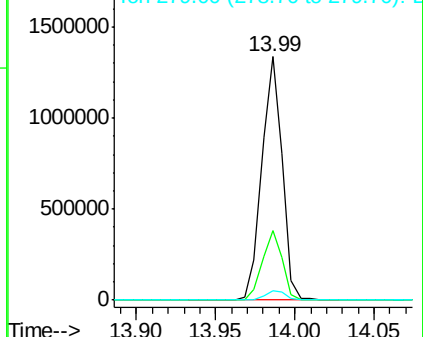
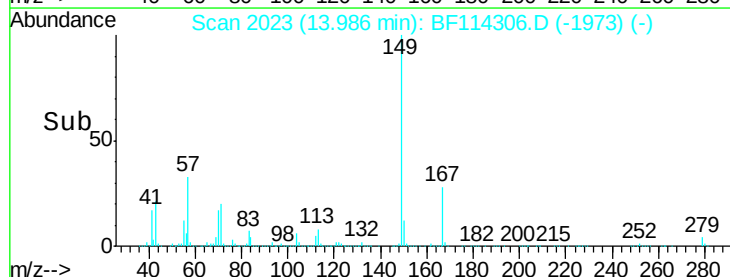
279 4.0 3.0 4.6

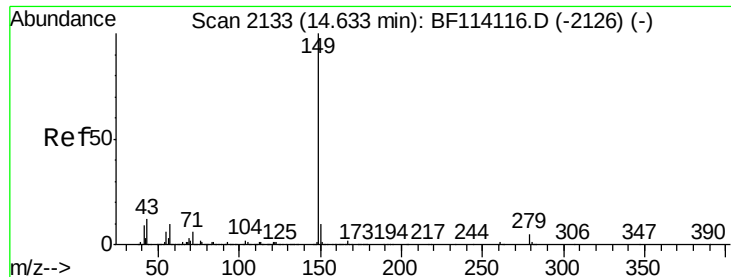


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.123 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

BNA_F

ClientSampleId :

PB119776BS

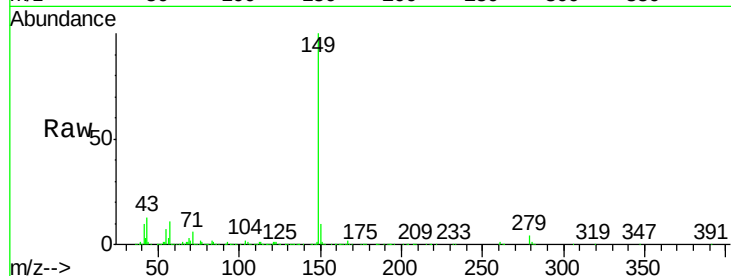
Tot Ion:149 Resp: 2018844

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

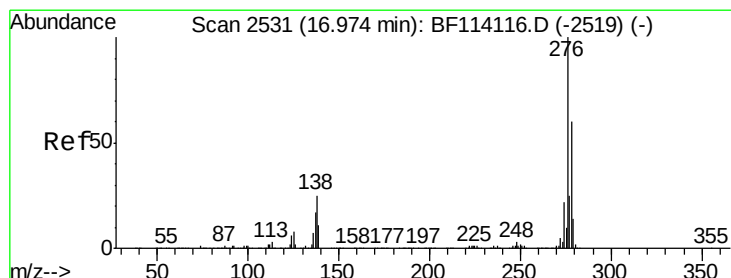
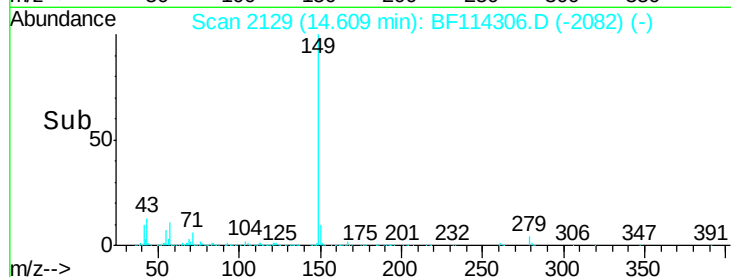
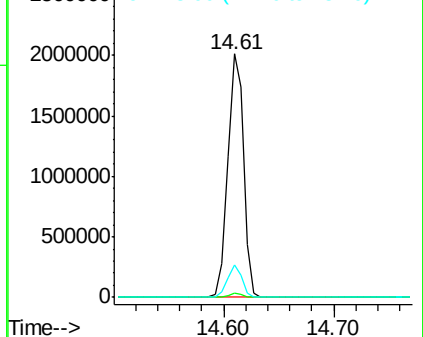
43 12.3 10.1 15.1



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: 35.058 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

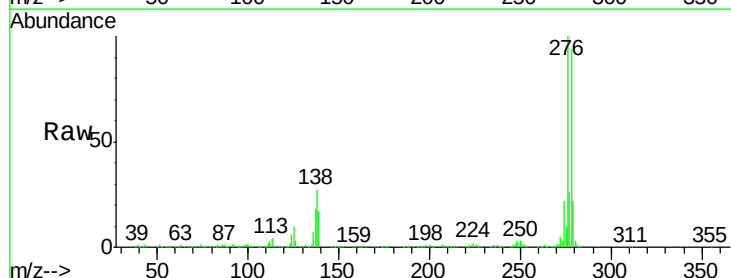
Tgt Ion:276 Resp: 1376943

Ion Ratio Lower Upper

276 100

138 26.4 20.2 30.2

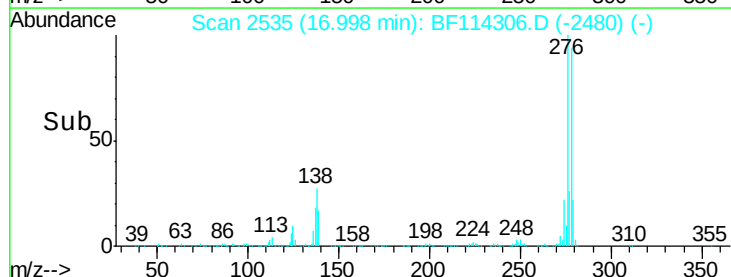
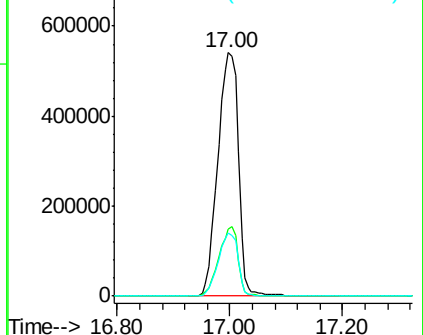
277 24.8 20.0 30.0

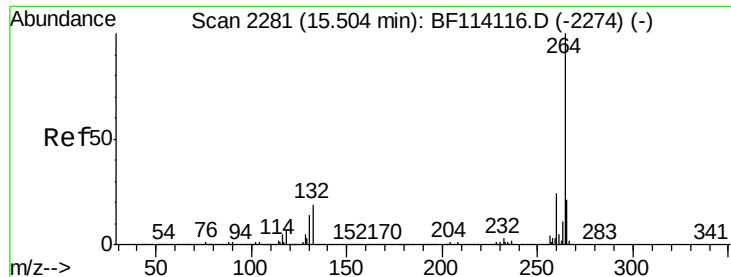


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



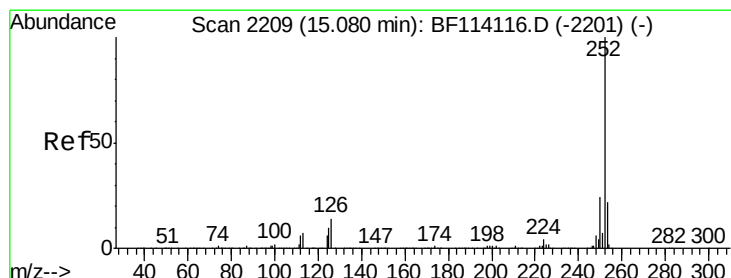
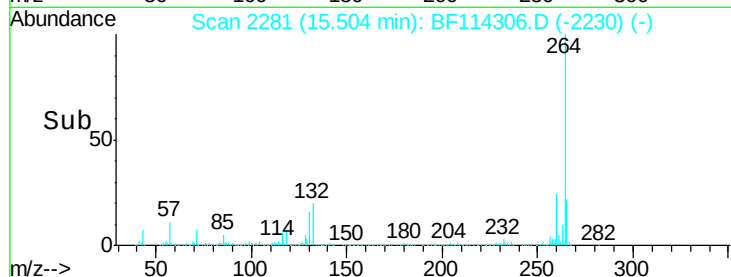
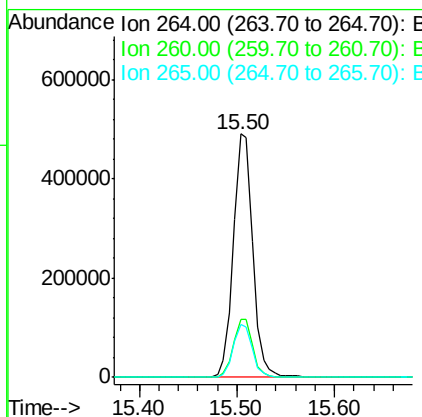
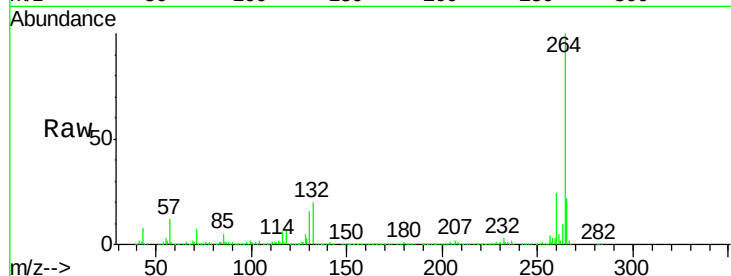


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:264 Resp: 675573

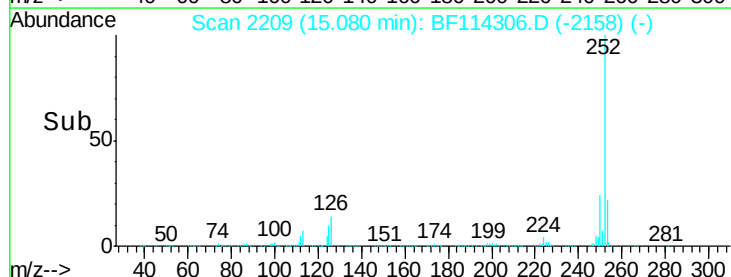
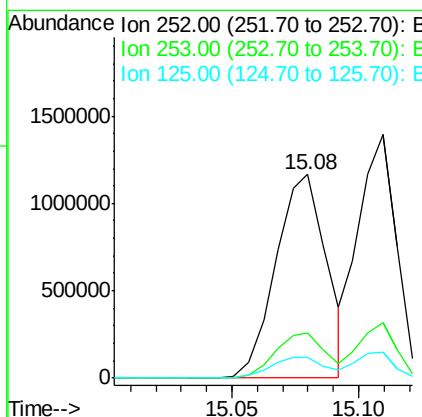
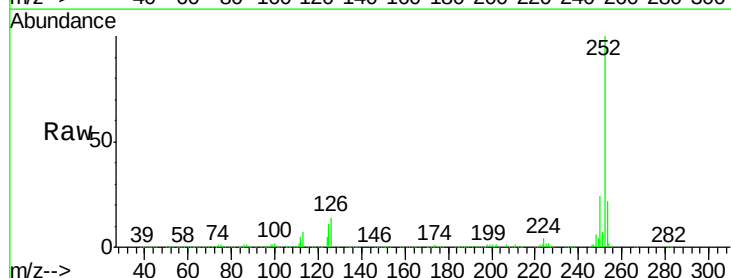
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.9	16.9	25.3

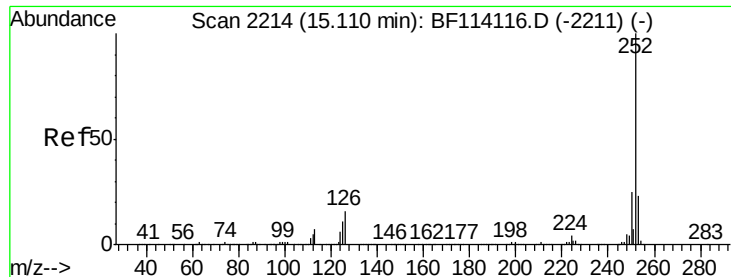


#88
Benzo(b)fluoranthene
Concen: 37.368 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:252 Resp: 1617324

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.5	8.3	12.5

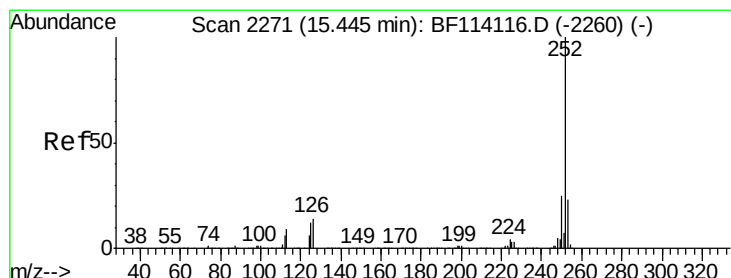
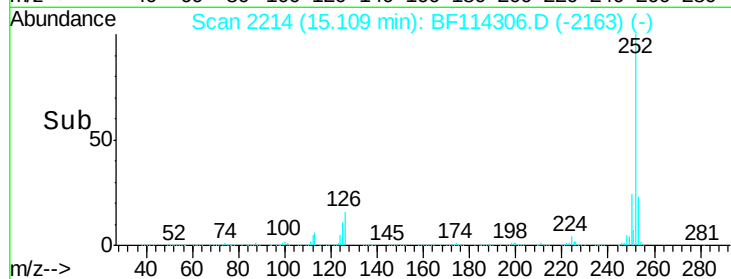
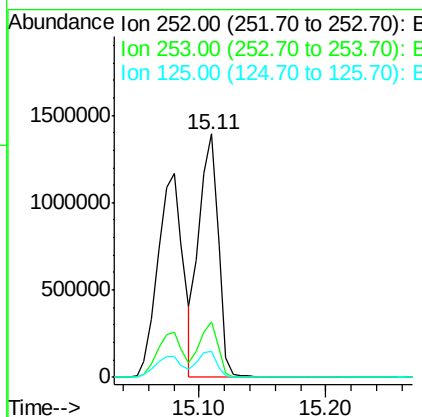
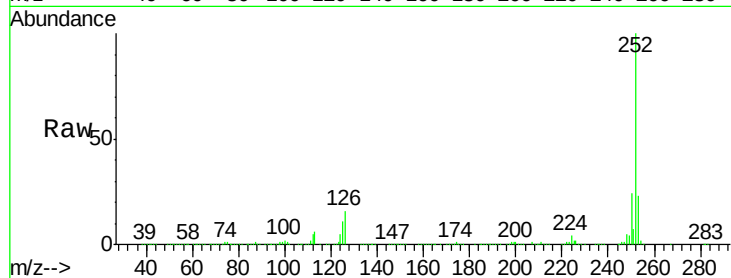




#89
Benzo(k)fluoranthene
Concen: 36.868 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

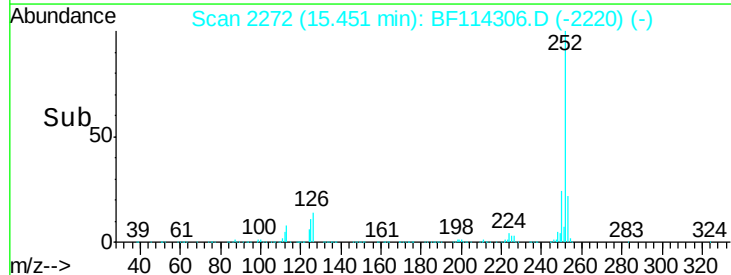
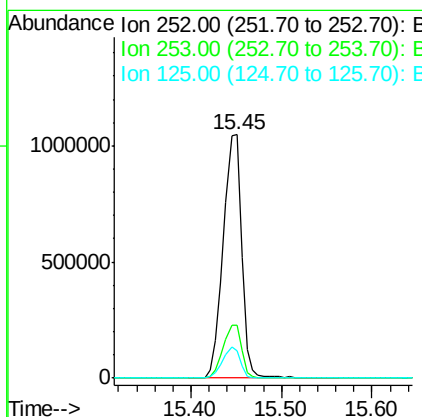
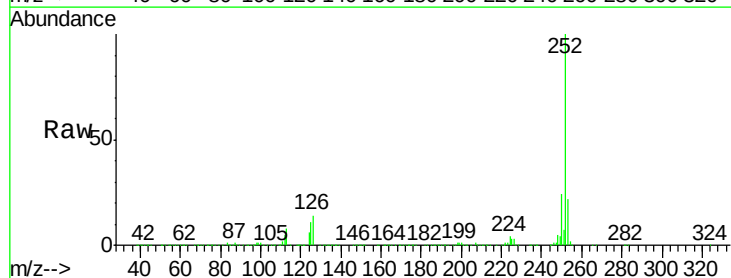
Instrument :
BNA_F
ClientSampleId :
PB119776BS

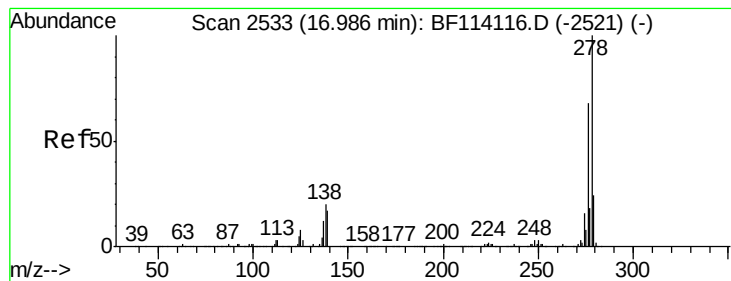
Tot Ion:252 Resp: 1465814
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.6 8.6 13.0



#90
Benzo(a)pyrene
Concen: 38.922 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF114306.D
Acq: 16 May 2019 13:55

Tgt Ion:252 Resp: 1482582
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 11.1 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 36.334 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.02 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Instrument :

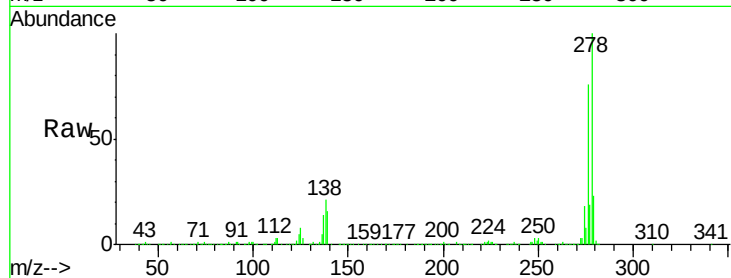
BNA_F

ClientSampleId :

PB119776BS

Tot Ion:278 Resp: 1150037

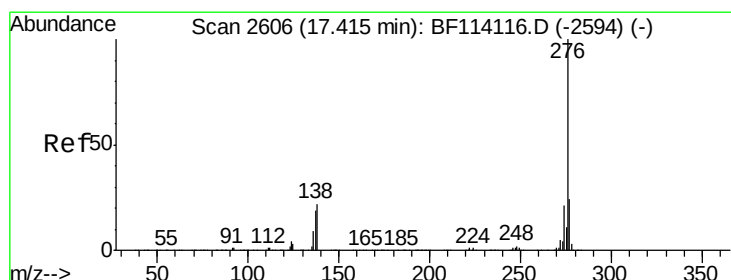
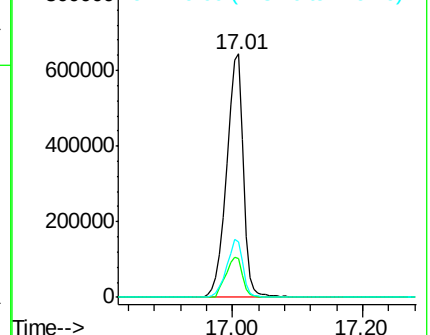
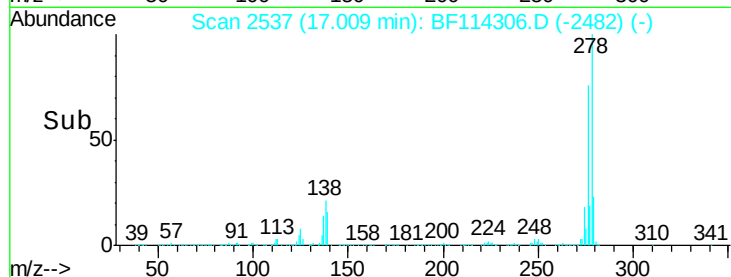
Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	23.0	19.0	28.6



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: 36.093 ng

RT: 17.44 min Scan# 2611

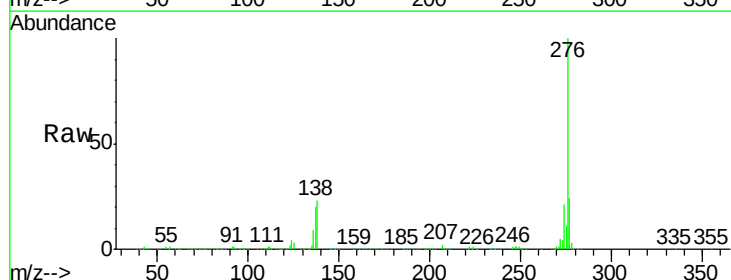
Delta R.T. 0.03 min

Lab File: BF114306.D

Acq: 16 May 2019 13:55

Tgt Ion:276 Resp: 1144867

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	23.0	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

