

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114937.D
 Acq On : 11 Jun 2019 11:06
 Operator : HP/JU
 Sample : PB120177BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Quant Time: Jun 11 12:56:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	202865	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	796349	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	400694	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	821442	20.00	ng	0.00
76) Chrysene-d12	13.79	240	555653	20.00	ng	0.00
87) Perylene-d12	15.17	264	710267	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1425679	118.94	ng	0.00
7) Phenol-d6	6.30	99	1716790	118.74	ng	0.00
23) Nitrobenzene-d5	7.22	82	1074952	82.94	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	533695	122.44	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2134202	84.53	ng	0.00
79) Terphenyl-d14	12.74	244	2469093	88.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.31	88	238421	41.916	ng	98
3) Pyridine	3.00	79	637958	40.292	ng	99
4) n-Nitrosodimethylamine	2.93	42	238509	41.938	ng	100
6) Aniline	6.32	93	511388	26.112	ng	# 33
8) 2-Chlorophenol	6.45	128	617497	45.138	ng	99
9) Benzaldehyde	6.20	77	139637	15.090	ng	98
10) Phenol	6.32	94	699180	43.368	ng	87
11) bis(2-Chloroethyl)ether	6.40	93	576774	44.888	ng	98
12) 1,3-Dichlorobenzene	6.60	146	684268	43.098	ng	99
13) 1,4-Dichlorobenzene	6.67	146	687319	43.169	ng	100
14) 1,2-Dichlorobenzene	6.83	146	646253	44.720	ng	98
15) Benzyl Alcohol	6.80	79	482030	46.203	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	756615	42.816	ng	100
17) 2-Methylphenol	6.92	107	508174	44.364	ng	98
18) Hexachloroethane	7.17	117	248658	42.379	ng	95
19) n-Nitroso-di-n-propylamine	7.07	70	384196	42.495	ng	97
20) 3+4-Methylphenols	6.92	107	508174	39.622	ng	83
22) Acetophenone	7.07	105	826137	46.345	ng	96
24) Nitrobenzene	7.24	77	616594	45.731	ng	96
25) Isophorone	7.48	82	1126880	44.400	ng	98
26) 2-Nitrophenol	7.56	139	348166	46.480	ng	99
27) 2,4-Dimethylphenol	7.60	122	559673	51.059	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	718649	44.263	ng	99
29) 2,4-Dichlorophenol	7.80	162	538100	46.877	ng	96
30) 1,2,4-Trichlorobenzene	7.88	180	589032	44.713	ng	98
31) Naphthalene	7.96	128	1776122	48.404	ng	98
32) Benzoic acid	7.69	122	108101	13.203	ng	97
33) 4-Chloroaniline	8.01	127	433965	25.061	ng	98
34) Hexachlorobutadiene	8.09	225	320300	43.349	ng	99
35) Caprolactam	8.41	113	68371	17.682	ng	89
36) 4-Chloro-3-methylphenol	8.50	107	551745	47.324	ng	99
37) 2-Methylnaphthalene	8.65	142	1219248	48.897	ng	99
38) 1-Methylnaphthalene	8.75	142	1146673	48.623	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	519736	45.114	ng	99

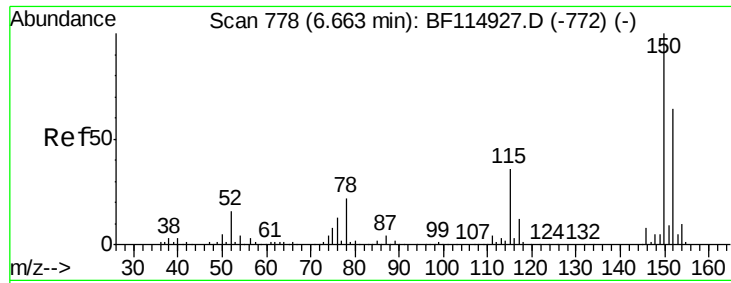
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	639977	97.728	ng	100
43) 2,4,6-Trichlorophenol	8.93	196	394743	45.124	ng	97
44) 2,4,5-Trichlorophenol	8.97	196	418597	46.407	ng	98
46) 1,1'-Biphenyl	9.12	154	1451111	48.407	ng	98
47) 2-Chloronaphthalene	9.13	162	1153921	45.599	ng	98
48) 2-Nitroaniline	9.23	65	330994	42.970	ng	92
49) Acenaphthylene	9.55	152	1813326	48.626	ng	98
50) Dimethylphthalate	9.42	163	1354104	44.963	ng	99
51) 2,6-Dinitrotoluene	9.47	165	316190	45.711	ng	96
52) Acenaphthene	9.72	154	1063911	47.092	ng	100
53) 3-Nitroaniline	9.64	138	274871	33.092	ng	96
54) 2,4-Dinitrophenol	9.75	184	172249	50.313	ng	95
55) Dibenzofuran	9.89	168	1580937	49.021	ng	97
56) 4-Nitrophenol	9.82	139	548493	92.653	ng	100
57) 2,4-Dinitrotoluene	9.87	165	427178	48.857	ng	98
58) Fluorene	10.23	166	1152727	46.369	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	346213	47.479	ng	99
60) Diethylphthalate	10.12	149	1360837	46.492	ng	98
61) 4-Chlorophenyl-phenylether	10.23	204	563010	45.238	ng	99
62) 4-Nitroaniline	10.25	138	366826	43.093	ng	100
63) Azobenzene	10.39	77	1198575	47.046	ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	149297	32.409	ng	93
66) n-Nitrosodiphenylamine	10.35	169	1106173	45.326	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	383426	43.093	ng	92
68) Hexachlorobenzene	10.78	284	416530	42.392	ng	100
69) Atrazine	10.87	200	362599	44.094	ng	99
70) Pentachlorophenol	10.97	266	394503	71.600	ng	98
71) Phenanthrene	11.19	178	1856044	46.571	ng	98
72) Anthracene	11.24	178	1935155	47.839	ng	99
73) Carbazole	11.39	167	1738000	47.191	ng	99
74) Di-n-butylphthalate	11.73	149	2153602	47.316	ng	99
75) Fluoranthene	12.37	202	1968388	47.750	ng	96
77) Benzidine	12.49	184	863742	35.520	ng	# 95
78) Pyrene	12.59	202	1950137	40.298	ng	99
80) Butylbenzylphthalate	13.22	149	1016326	42.630	ng	97
81) Benzo(a)anthracene	13.77	228	1792898	43.638	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	447234	26.668	ng	98
83) Chrysene	13.81	228	1828703	44.324	ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1290551	46.221	ng	99
85) Di-n-octyl phthalate	14.40	149	2186842	42.875	ng	# 9
86) Indeno(1,2,3-cd)pyrene	16.48	276	2051950	52.903	ng	99
88) Benzo(b)fluoranthene	14.79	252	1908582	41.275	ng	99
89) Benzo(k)fluoranthene	14.82	252	1832503	45.664	ng	99
90) Benzo(a)pyrene	15.12	252	1840213	45.818	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1671360	49.265	ng	99
92) Benzo(g,h,i)perylene	16.87	276	1724886	51.006	ng	97

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

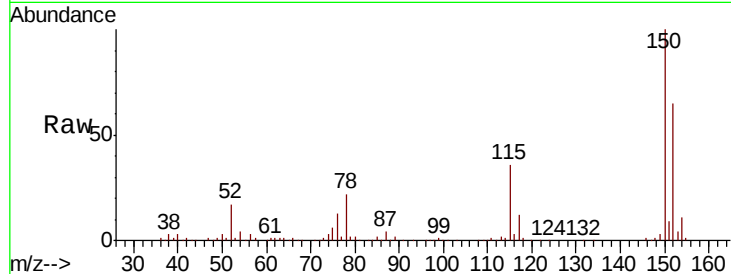


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

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ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.2	187.8
115	56.1	45.0	67.4

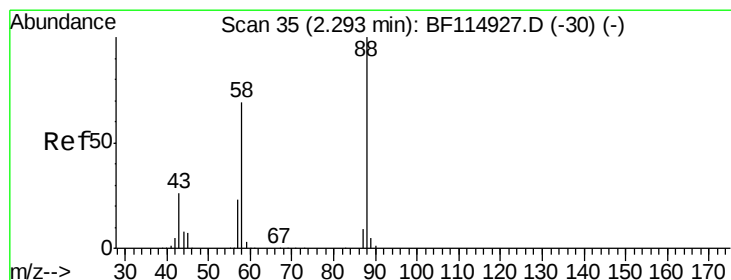
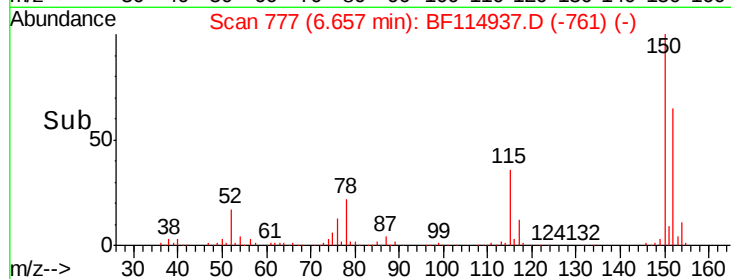
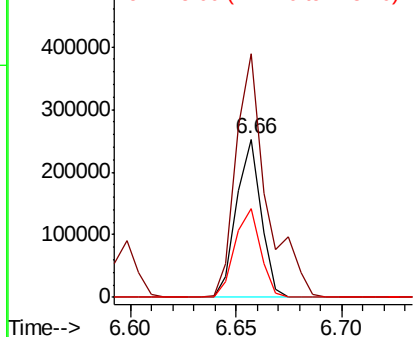


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

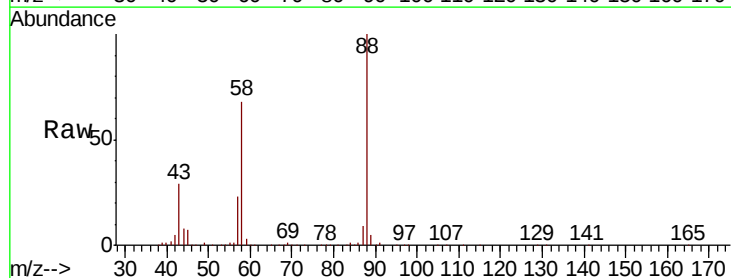
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.916 ng
RT: 2.31 min Scan# 38
Delta R.T. 0.02 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	54.2	81.2
43	28.0	20.6	30.8

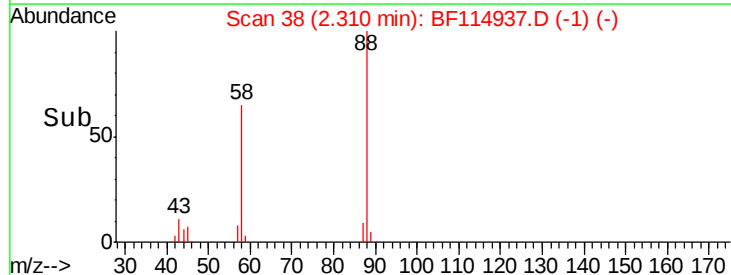
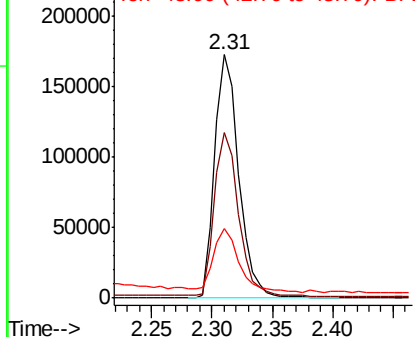


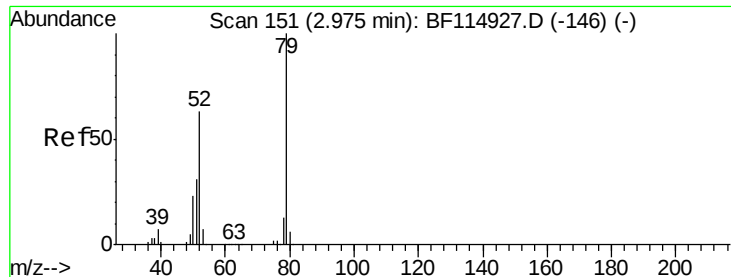
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.292 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.02 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

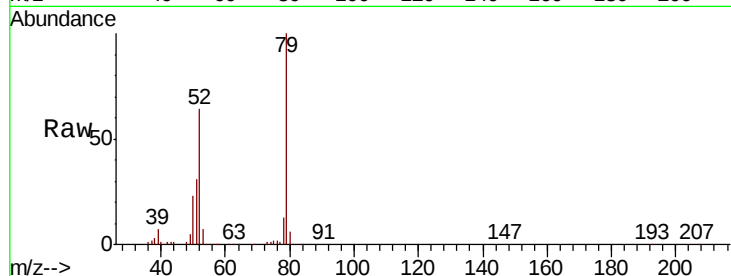
Tot Ion: 79 Resp: 637958

Ion Ratio Lower Upper

79 100

52 63.7 50.2 75.2

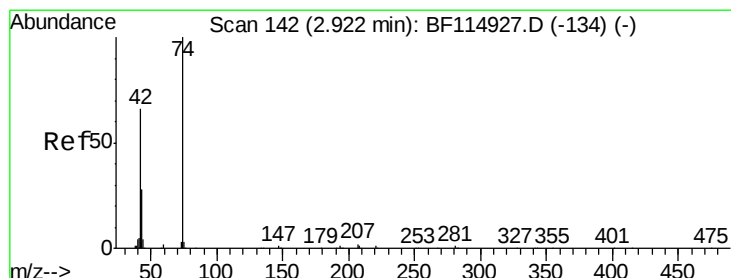
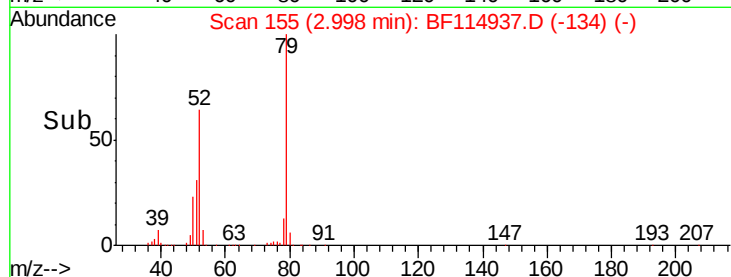
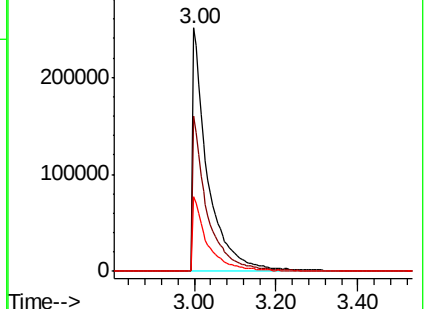
51 30.6 24.6 37.0



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: 41.938 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

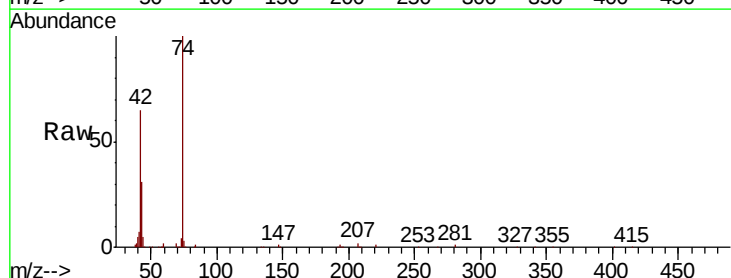
Tgt Ion: 42 Resp: 238509

Ion Ratio Lower Upper

42 100

74 152.9 121.9 182.9

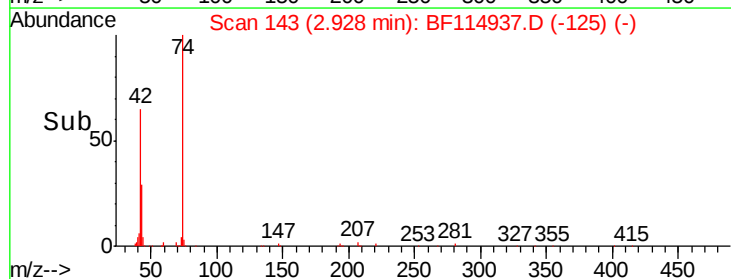
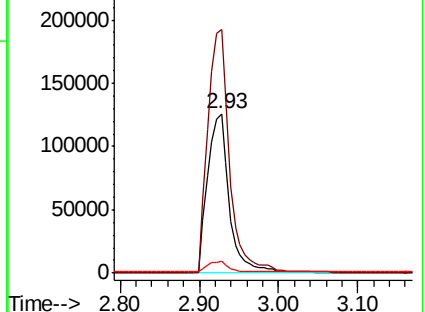
44 7.5 5.1 7.7

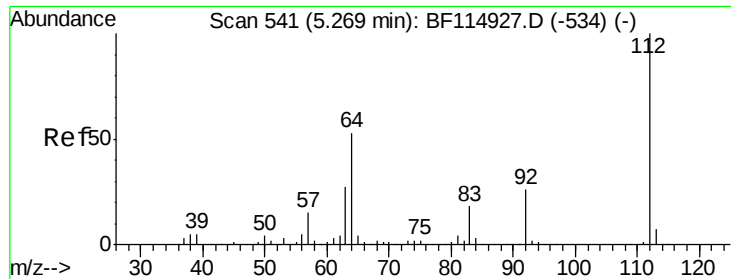


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.938 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

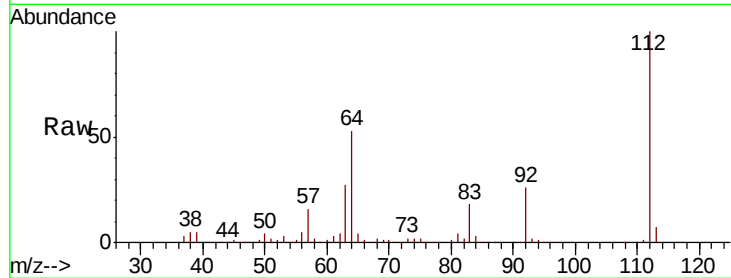
Tot Ion:112 Resp: 1425679

Ion Ratio Lower Upper

112 100

64 53.5 42.1 63.1

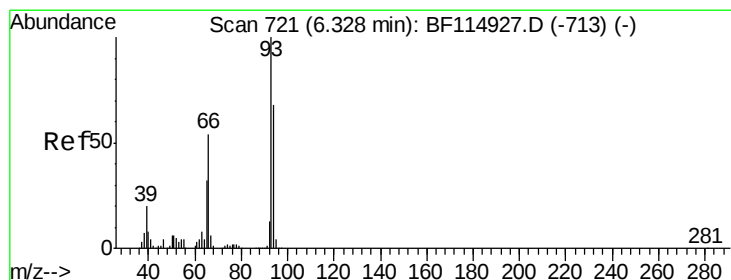
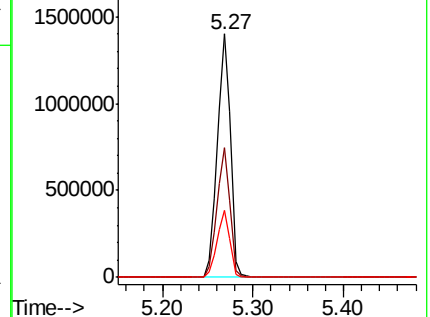
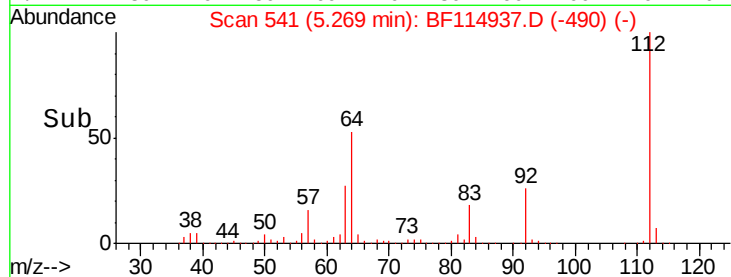
63 27.5 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.112 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

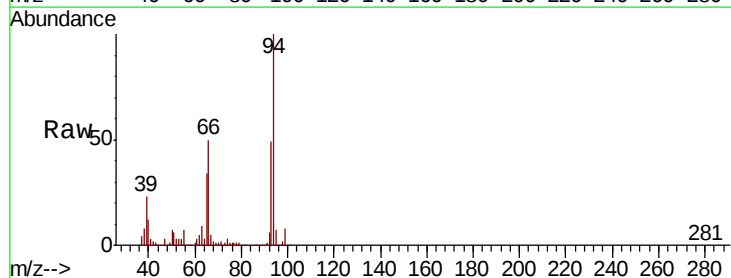
Tgt Ion: 93 Resp: 511388

Ion Ratio Lower Upper

93 100

66 102.9 43.6 65.4#

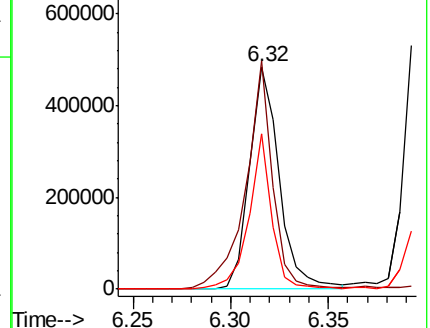
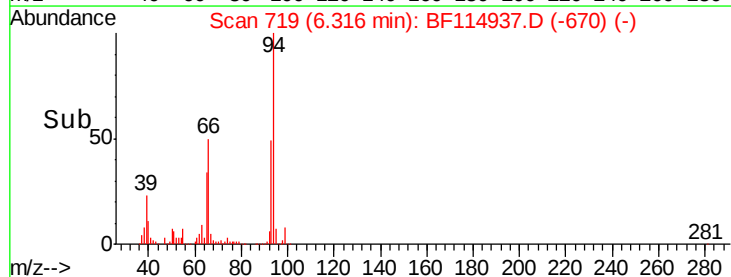
65 69.9 25.7 38.5#

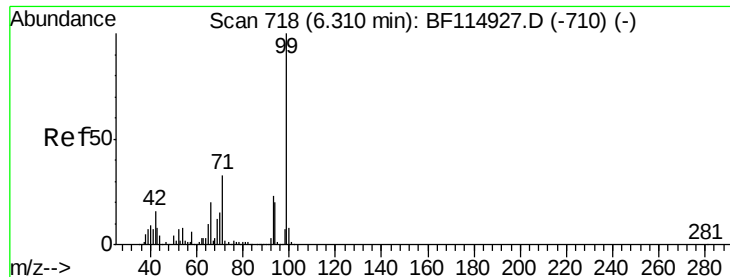


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.741 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

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ClientSampleId :

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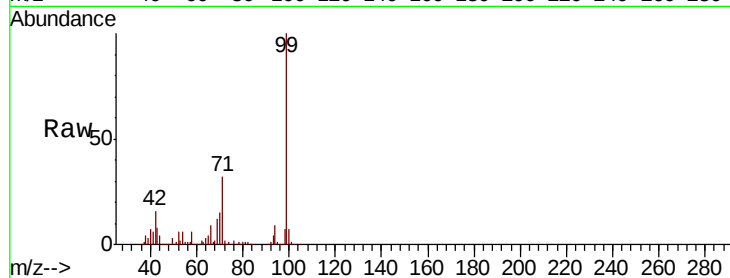
Tot Ion: 99 Resp: 1716790

Ion Ratio Lower Upper

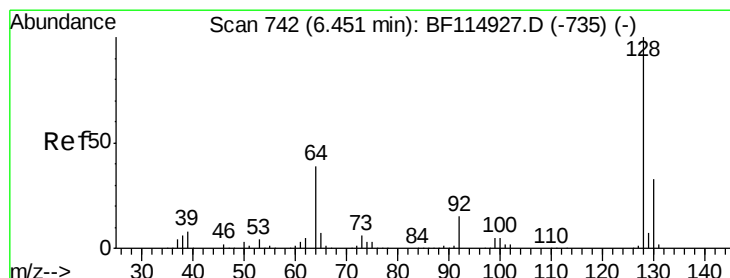
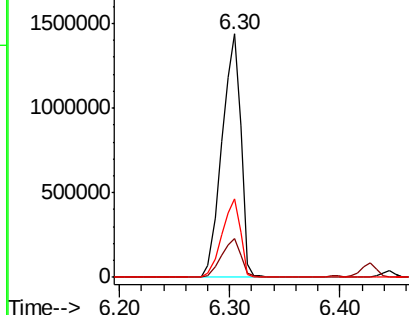
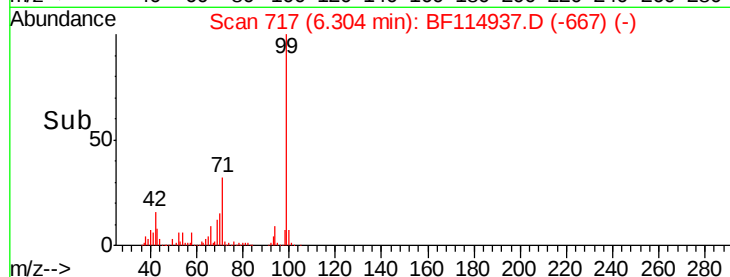
99 100

42 16.2 13.1 19.7

71 32.3 26.8 40.2



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: 45.138 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

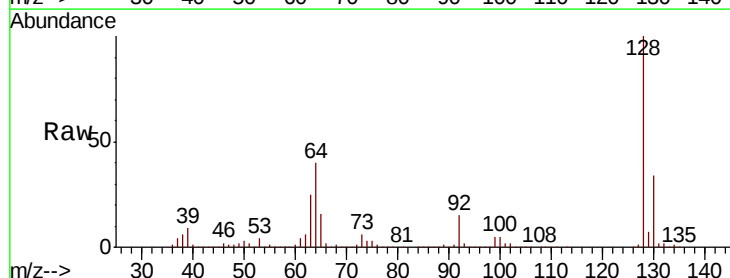
Tgt Ion: 128 Resp: 617497

Ion Ratio Lower Upper

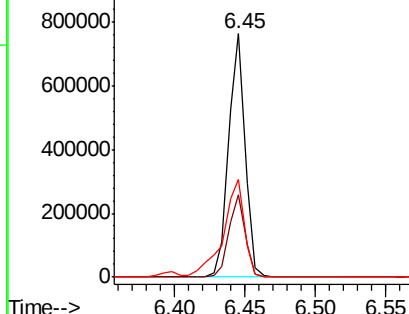
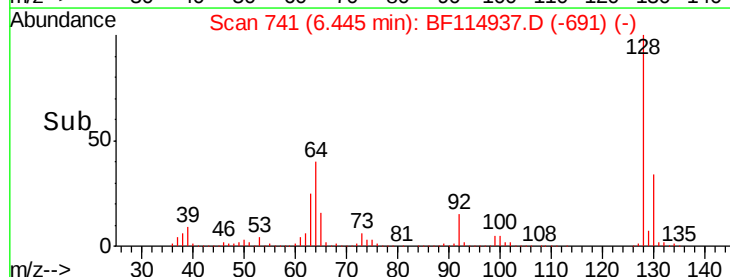
128 100

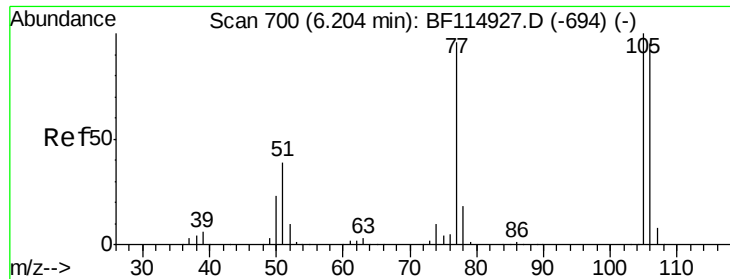
130 33.6 13.3 53.3

64 40.3 19.5 59.5



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

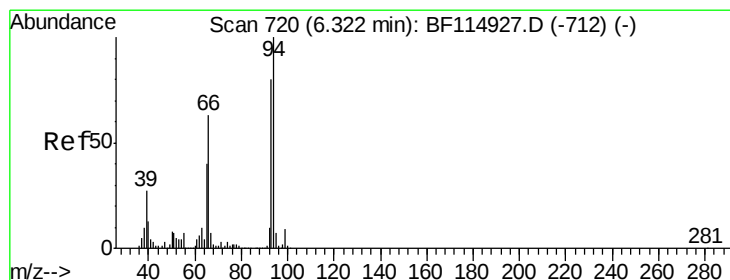
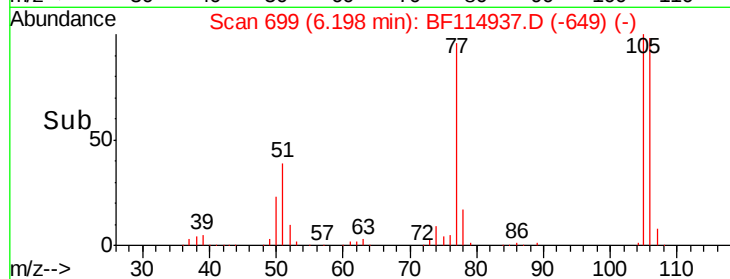
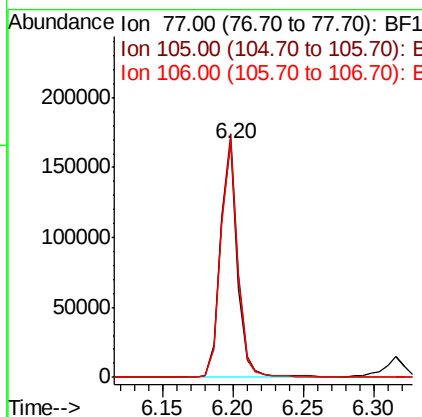
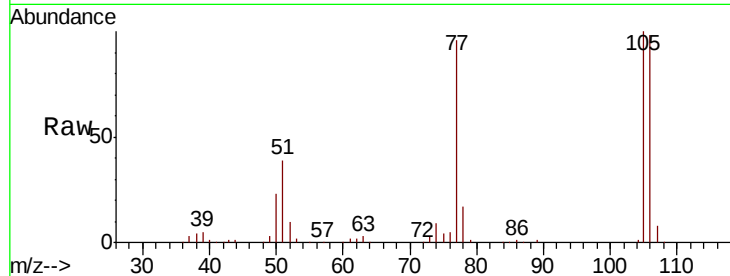




#9
Benzaldehyde
Concen: 15.090 ng
RT: 6.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

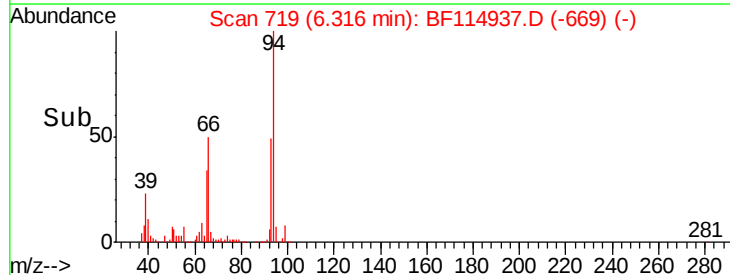
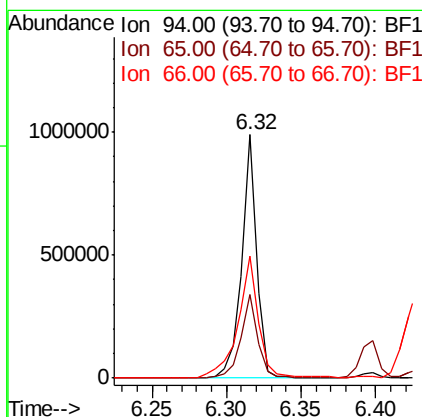
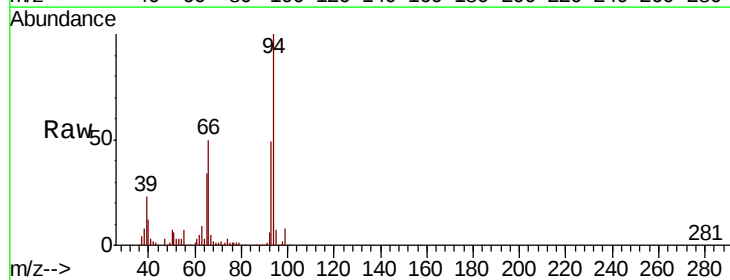
Instrument :
BNA_F
ClientSampleId :
PB120177BS

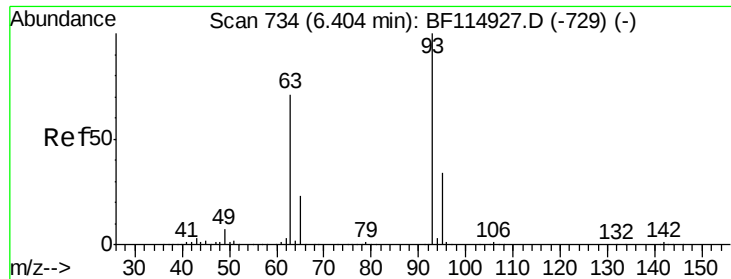
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	103.9	84.5	124.5	
106	101.7	79.2	119.2	



#10
Phenol
Concen: 43.368 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	34.2	19.6	59.6	
66	50.3	42.6	82.6	

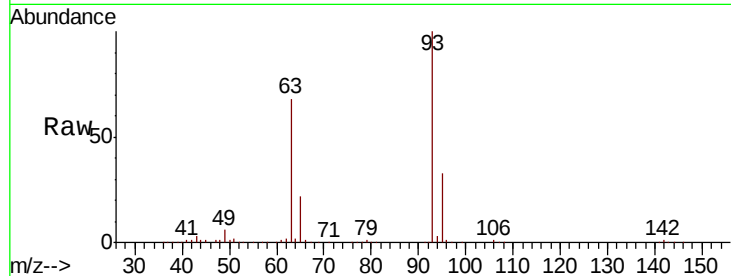




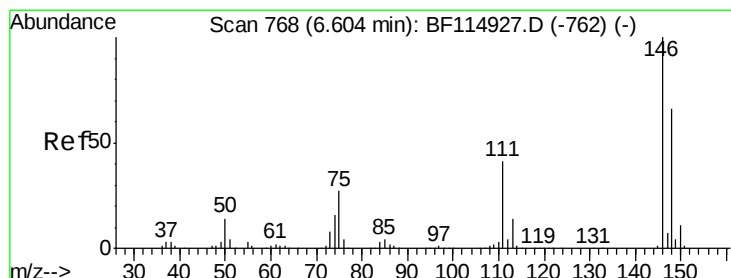
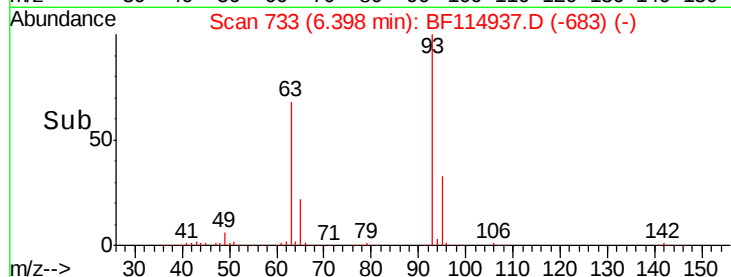
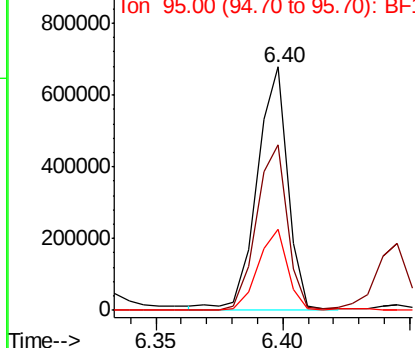
#11
bis(2-Chloroethyl)ether
Concen: 44.888 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion: 93 Resp: 576774
Ion Ratio Lower Upper
93 100
63 67.8 50.5 90.5
95 33.3 13.6 53.6

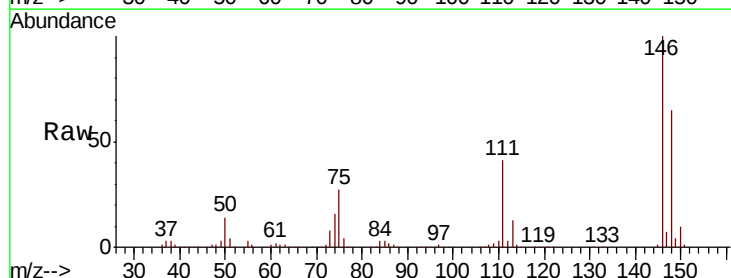


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

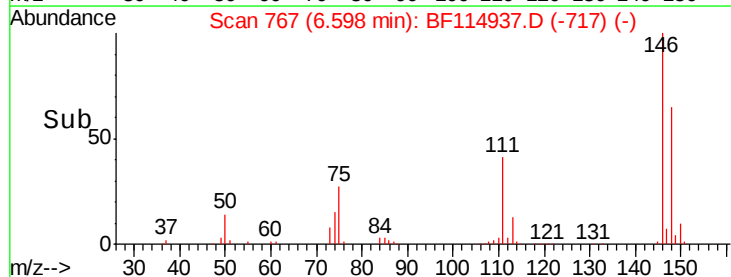
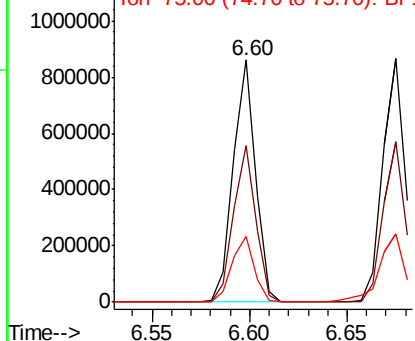


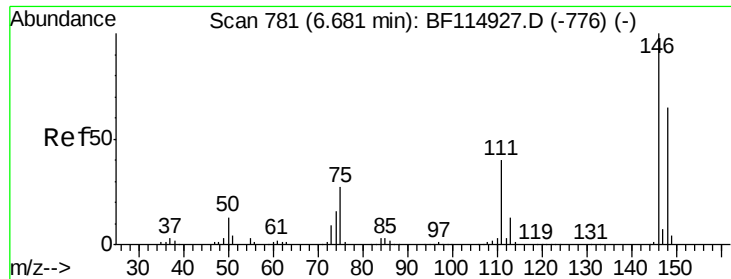
#12
1,3-Dichlorobenzene
Concen: 43.098 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion: 146 Resp: 684268
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
75 27.4 21.9 32.9



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

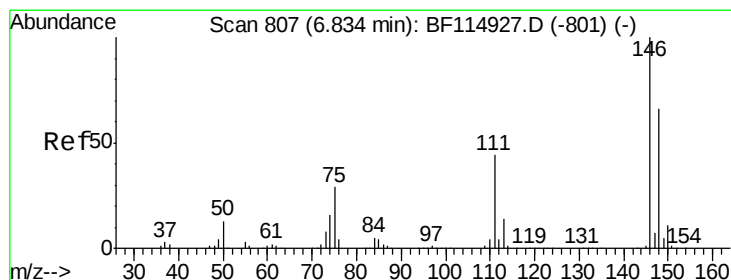
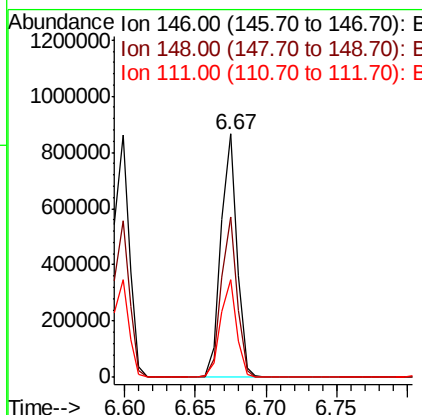
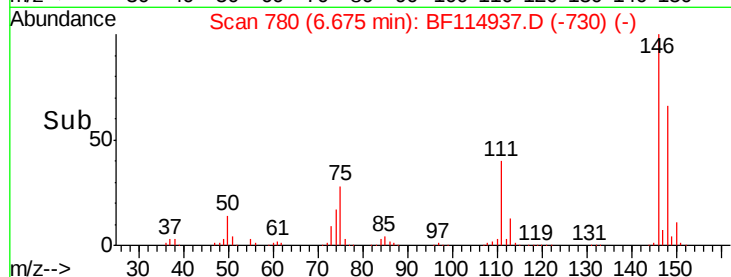
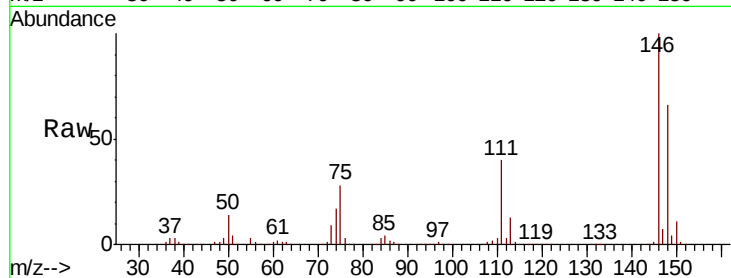




#13
 1,4-Dichlorobenzene
 Concen: 43.169 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

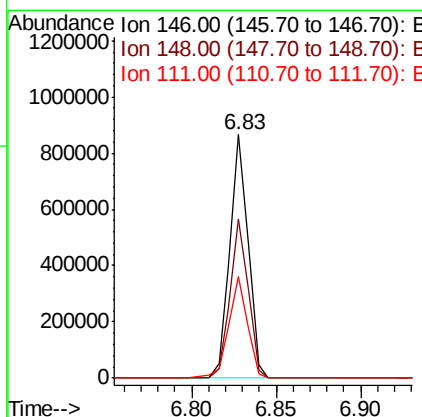
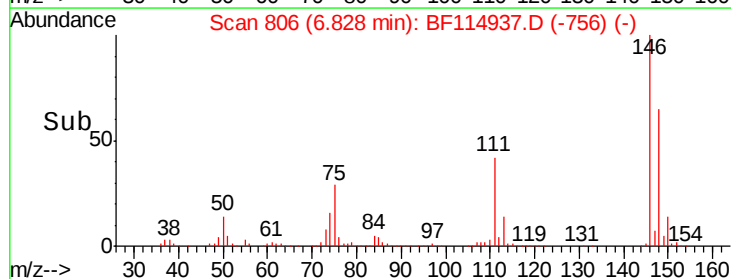
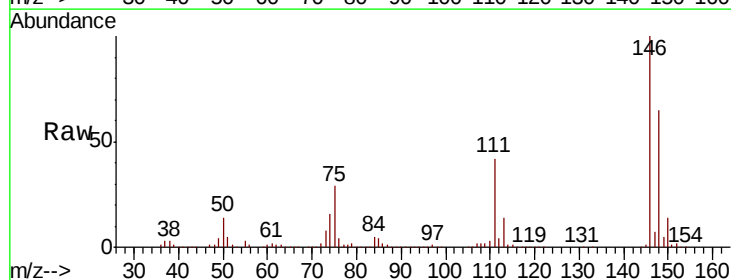
Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

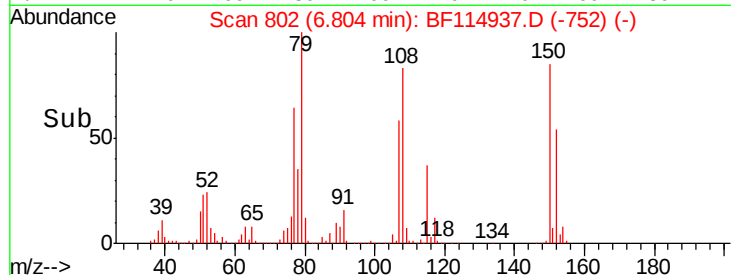
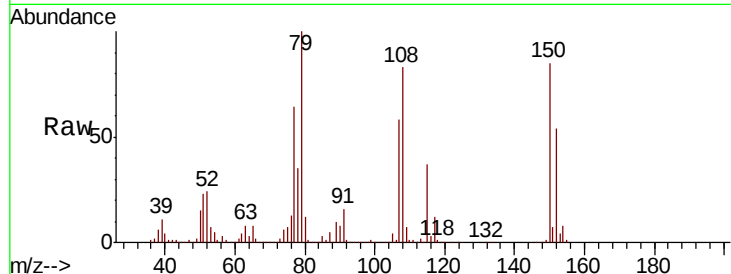
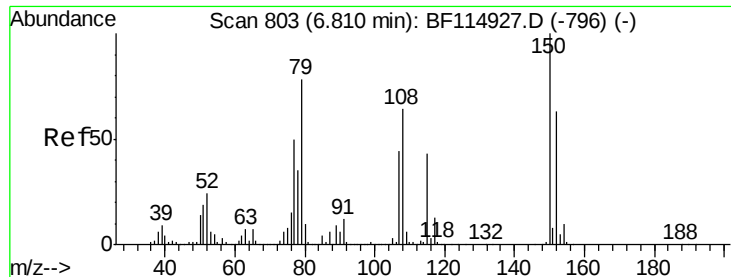
Tot Ion:146 Resp: 687319
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.3 78.5
 111 39.9 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 44.720 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion:146 Resp: 646253
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.7 79.1
 111 41.8 35.4 53.2

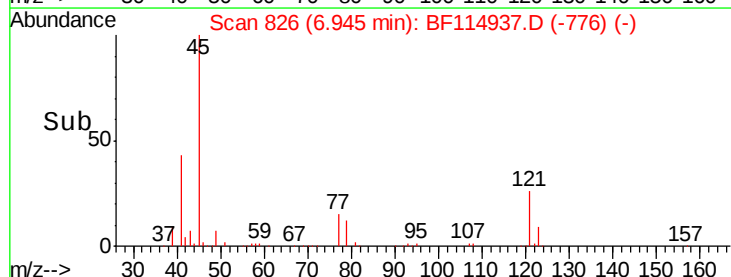
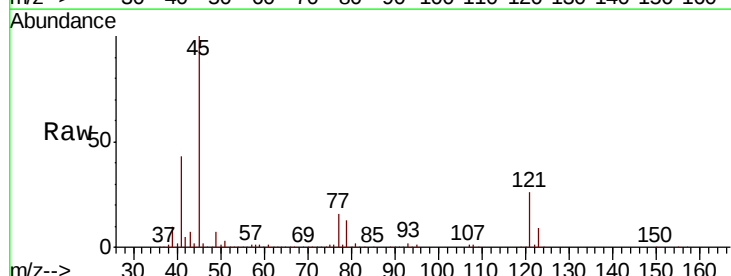
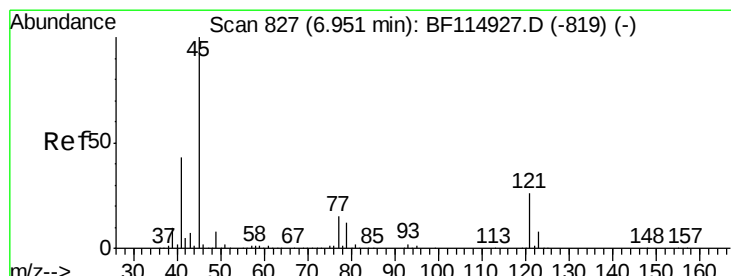
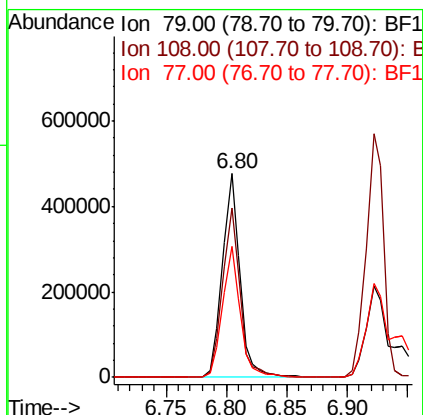




#15
Benzyl Alcohol
Concen: 46.203 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

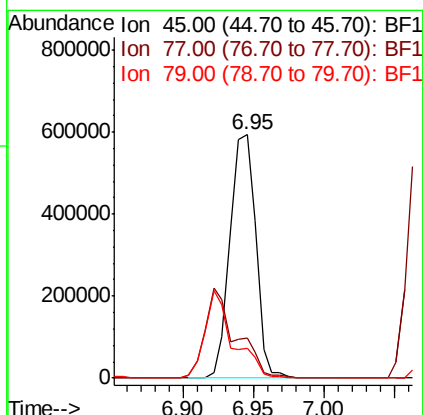
Instrument :
BNA_F
ClientSampleId :
PB120177BS

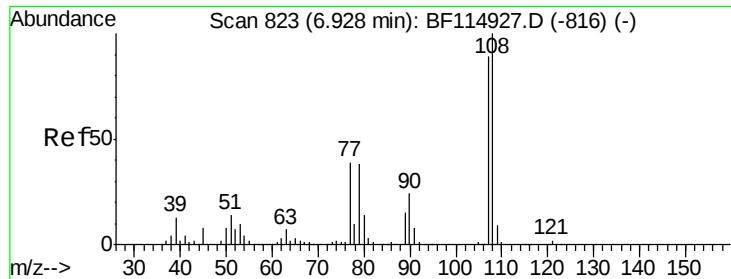
Tot Ion	Ratio	Lower	Upper
79	100		
108	83.0	65.5	98.3
77	64.4	51.3	76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.816 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	36.2
79	12.5	0.0	32.7

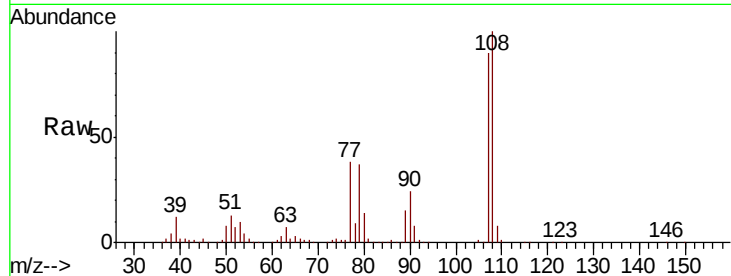




#17
2-Methylphenol
Concen: 44.364 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.2	135.2
77	42.5	35.4	53.0
79	41.4	34.6	52.0



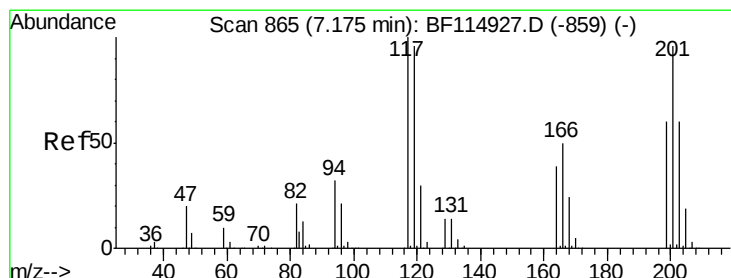
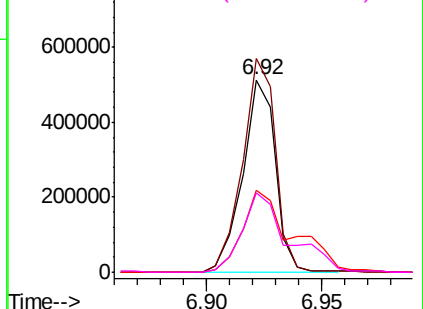
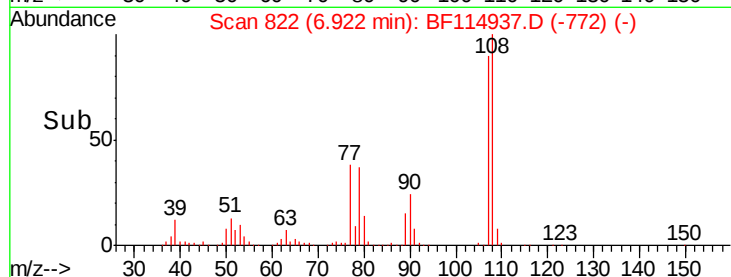
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

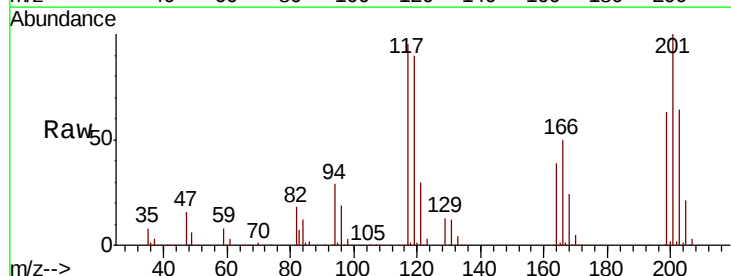
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.379 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
201	105.7	77.0	115.6

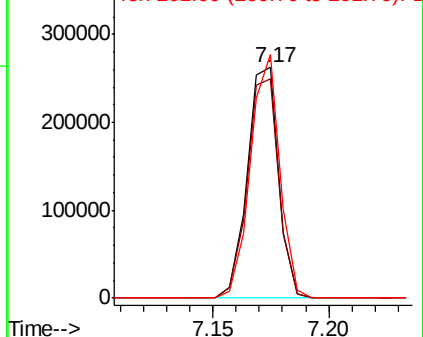
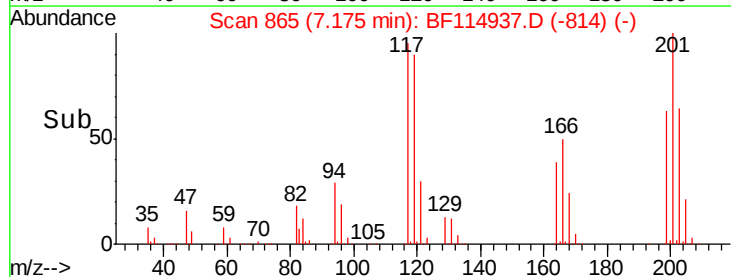


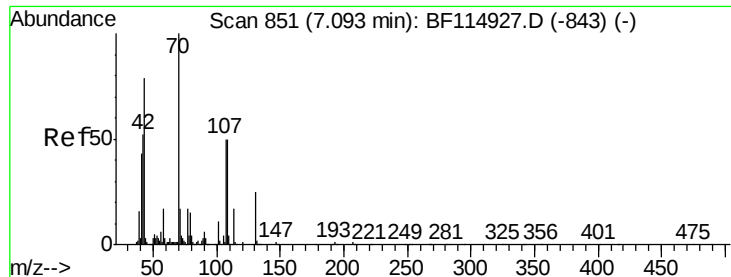
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

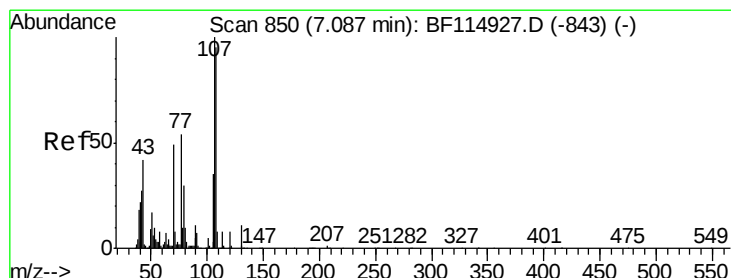
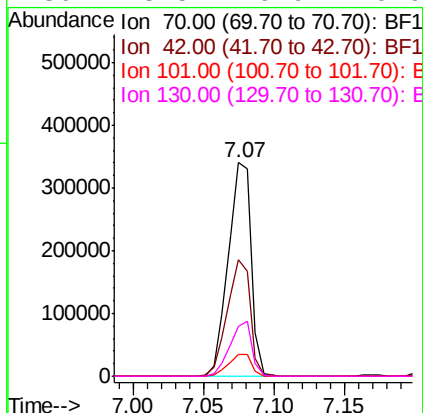
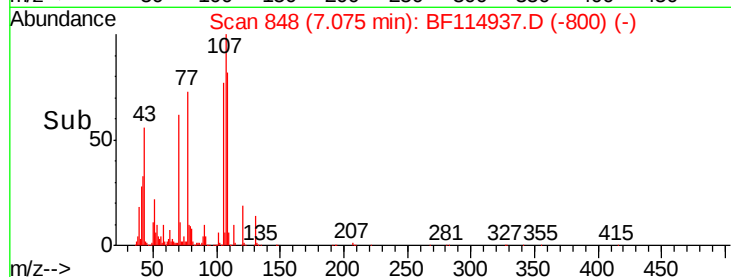
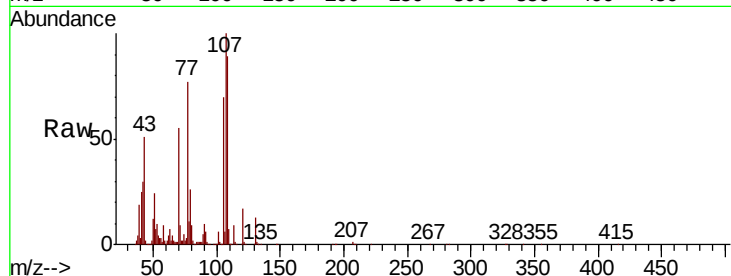




#19
n-Nitroso-di-n-propylamine
Concen: 42.495 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

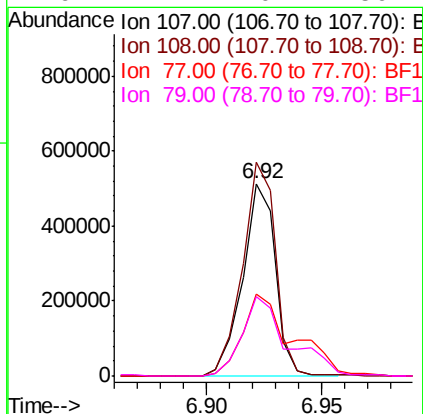
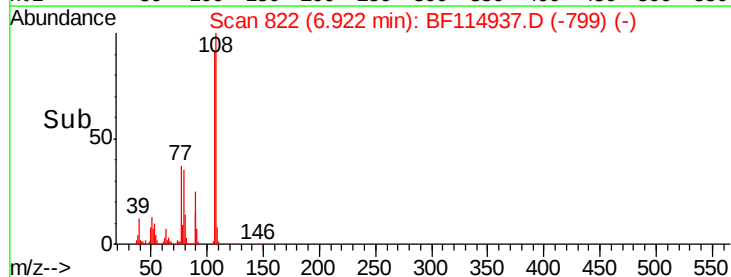
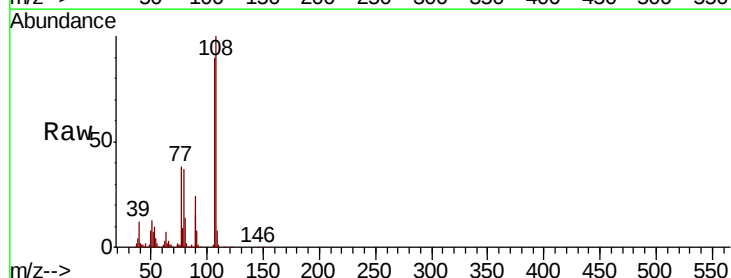
Instrument :
BNA_F
ClientSampleId :
PB120177BS

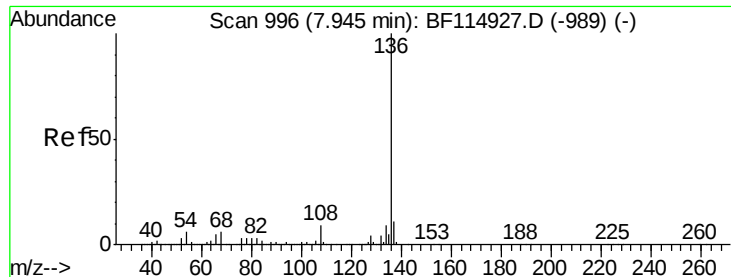
Tot Ion:	70	Resp:	384196
Ion	Ratio	Lower	Upper
70	100		
42	54.4	41.7	62.5
101	10.0	8.4	12.6
130	23.5	19.9	29.9



#20
3+4-Methylphenols
Concen: 39.622 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.16 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:	107	Resp:	508174
Ion	Ratio	Lower	Upper
107	100		
108	111.0	74.7	114.7
77	42.5	33.7	73.7
79	41.4	10.2	50.2

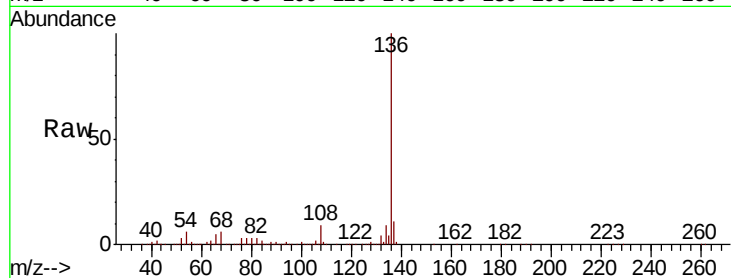




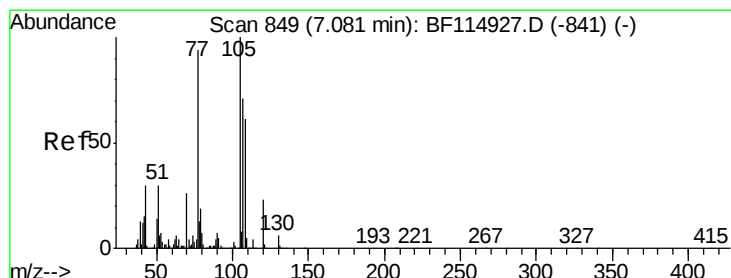
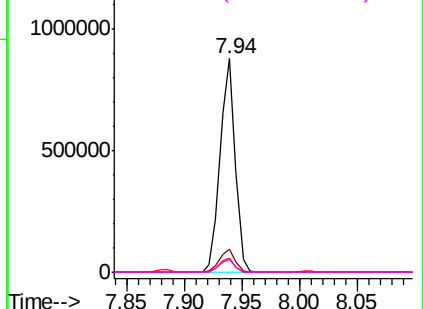
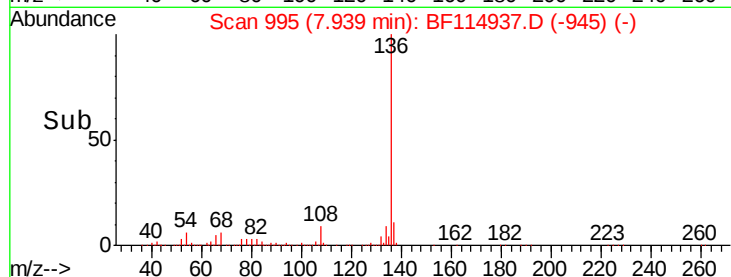
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion:136	Resp:	796349
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	6.4	5.2 7.8
68	5.8	4.6 7.0

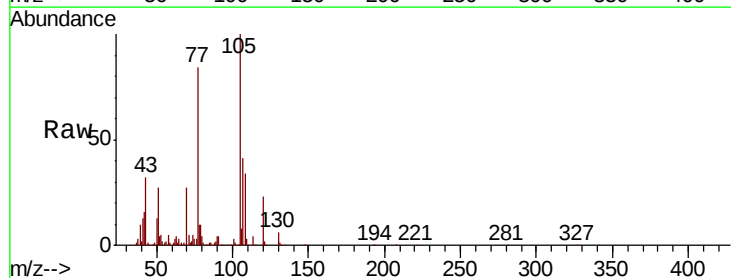


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

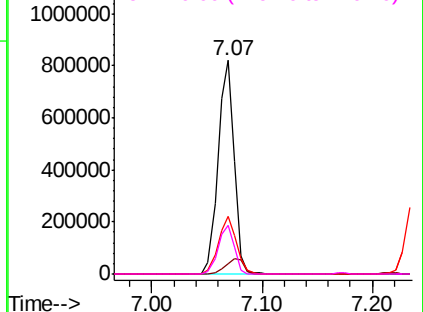
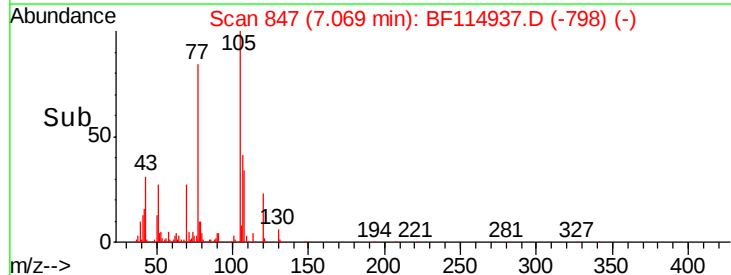


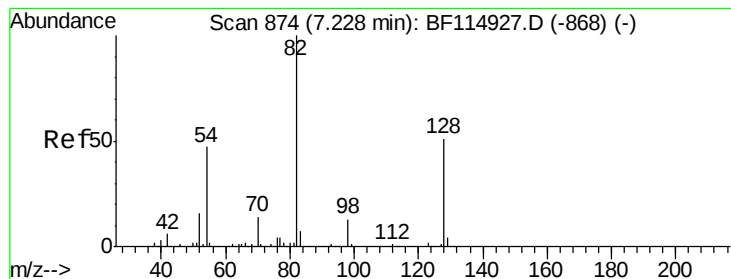
#22
Acetophenone
Concen: 46.345 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:105	Resp:	826137
Ion Ratio	Lower	Upper
105	100	
71	4.6	3.4 5.2
51	26.9	24.0 36.0
120	22.9	18.8 28.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.938 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

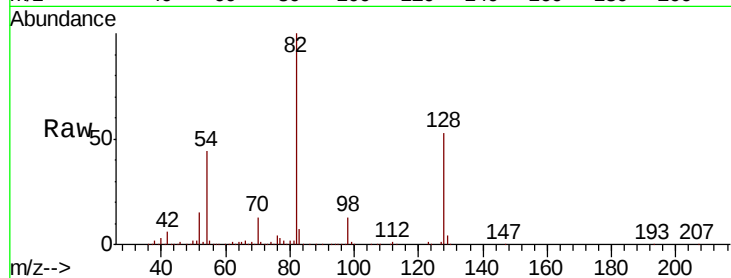
Tot Ion: 82 Resp: 1074952

Ion Ratio Lower Upper

82 100

128 53.0 40.9 61.3

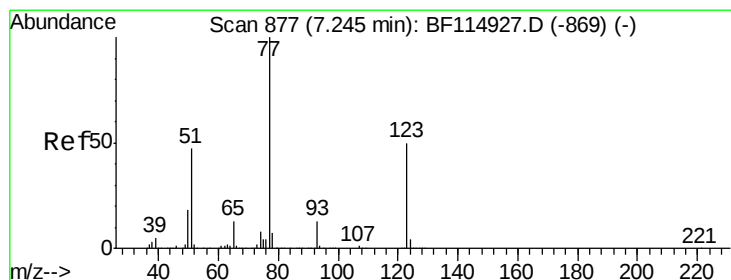
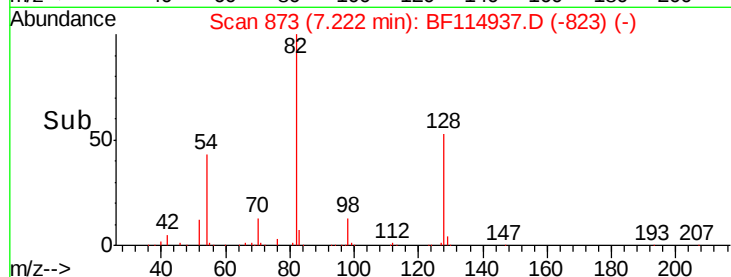
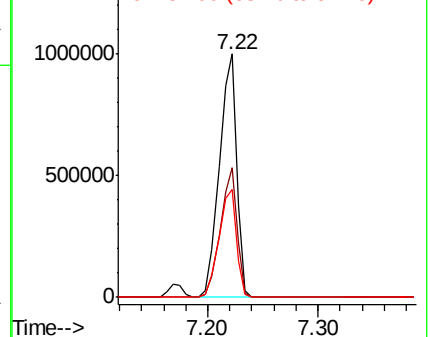
54 44.4 37.4 56.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 45.731 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

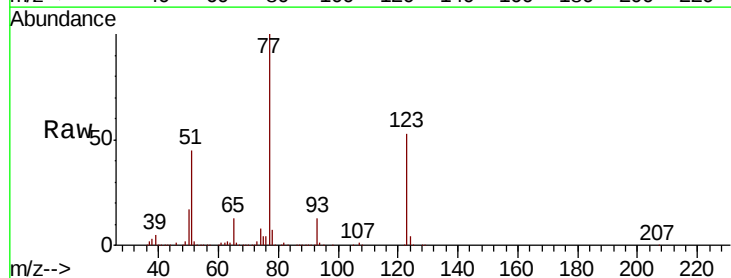
Tgt Ion: 77 Resp: 616594

Ion Ratio Lower Upper

77 100

123 52.9 39.8 59.6

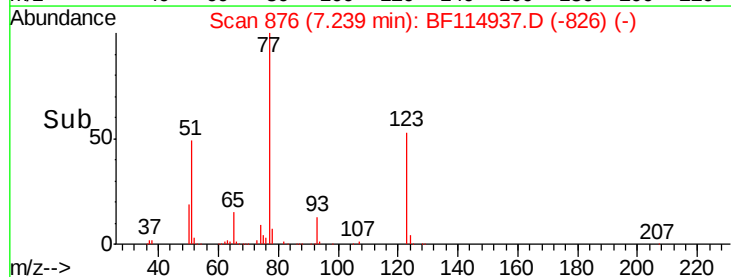
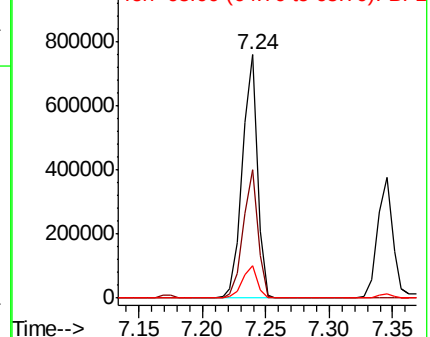
65 13.3 10.7 16.1

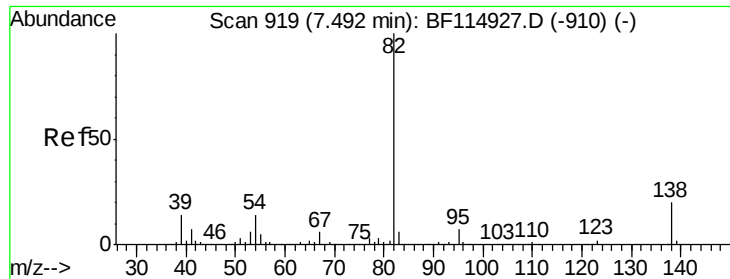


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.400 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

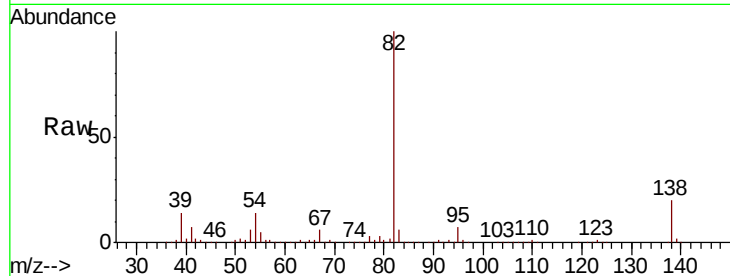
Tot Ion: 82 Resp: 1126880

Ion Ratio Lower Upper

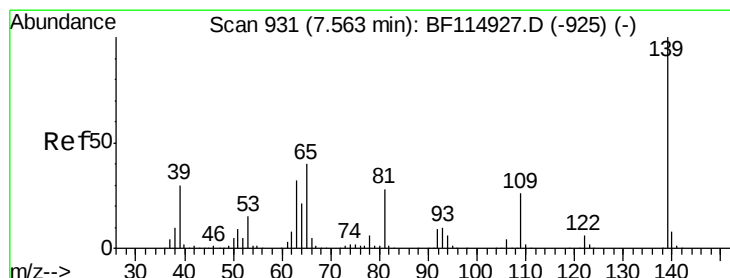
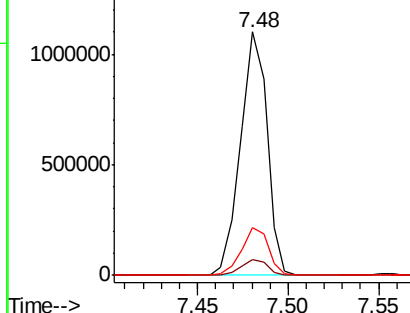
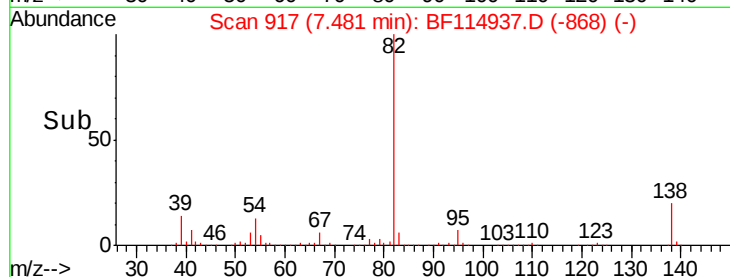
82 100

95 6.6 5.7 8.5

138 19.5 16.4 24.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.480 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

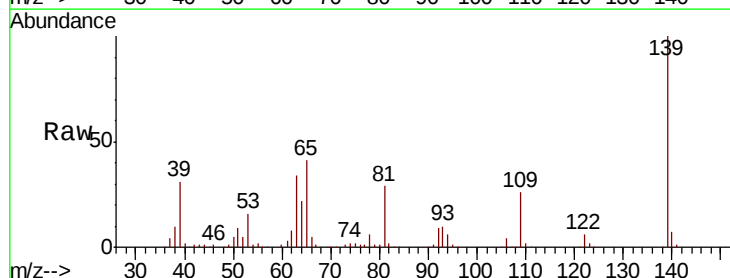
Tgt Ion: 139 Resp: 348166

Ion Ratio Lower Upper

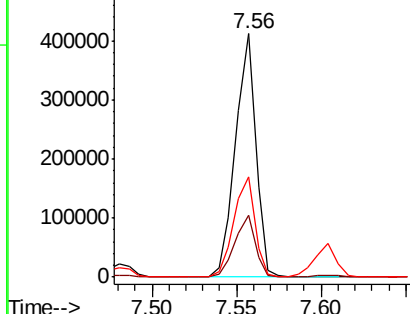
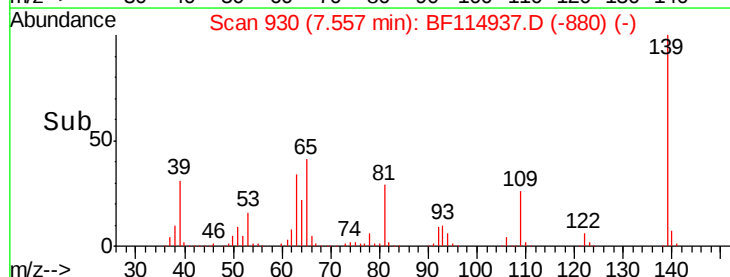
139 100

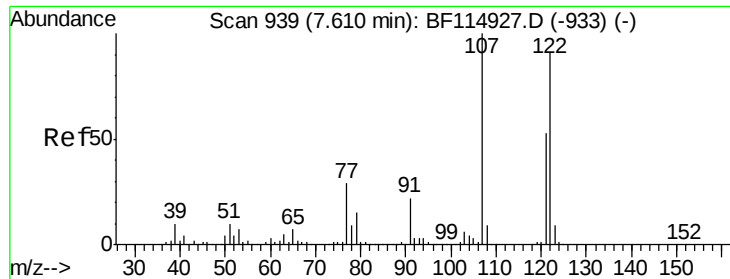
109 25.6 20.6 30.8

65 41.2 32.2 48.2



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

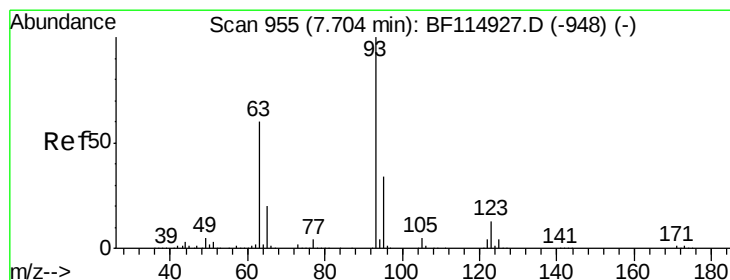
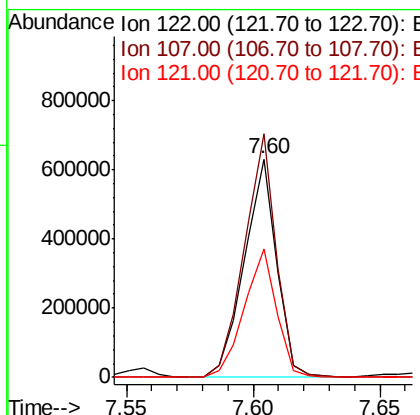
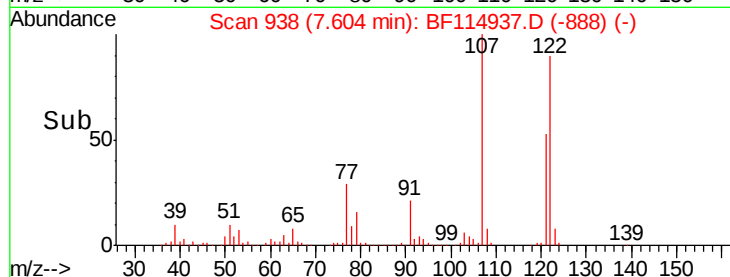
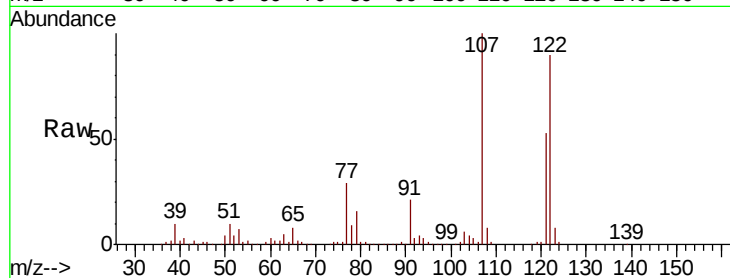




#27
2,4-Dimethylphenol
Concen: 51.059 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

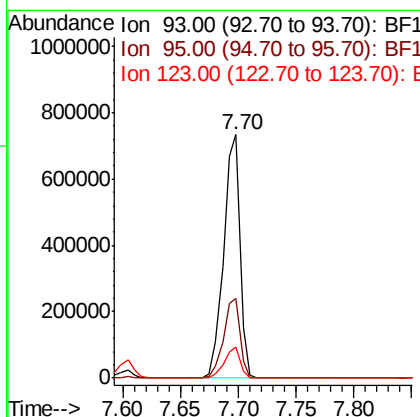
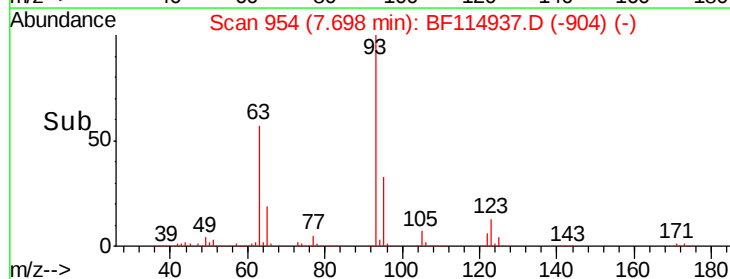
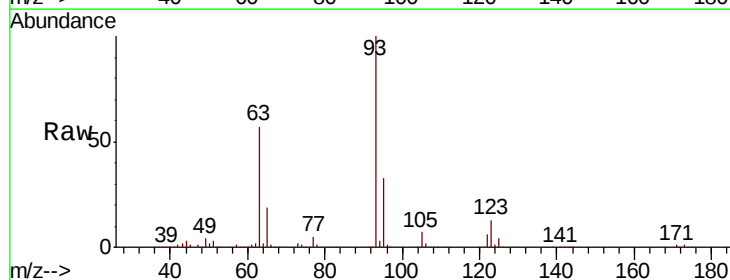
Instrument :
BNA_F
ClientSampleId :
PB120177BS

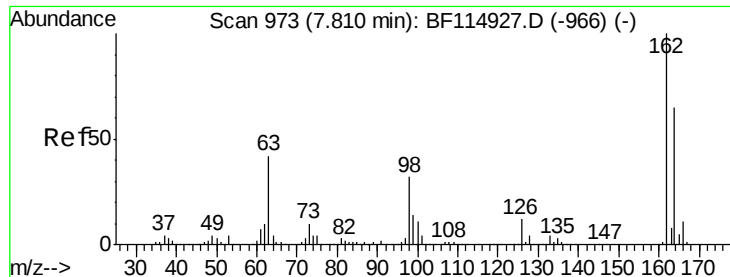
Tot Ion:122 Resp: 559673
Ion Ratio Lower Upper
122 100
107 111.4 88.0 132.0
121 58.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.263 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion: 93 Resp: 718649
Ion Ratio Lower Upper
93 100
95 32.8 27.0 40.4
123 12.7 10.3 15.5

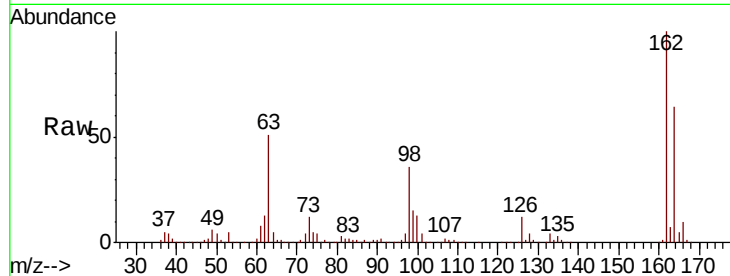




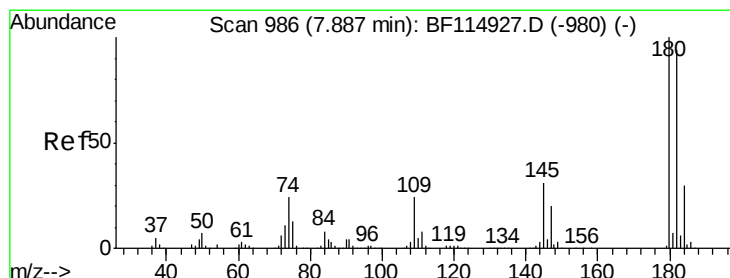
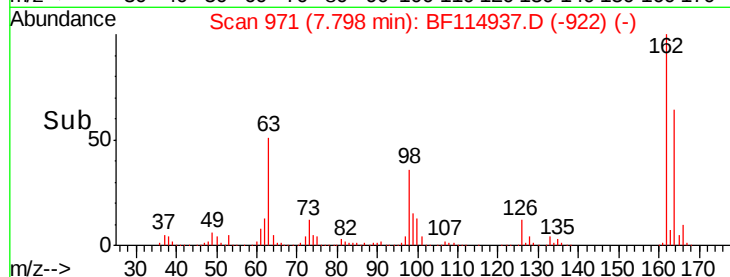
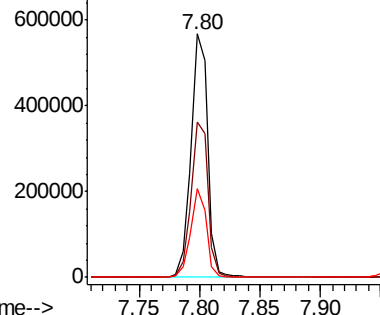
#29
2,4-Dichlorophenol
Concen: 46.877 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.4	85.4
98	36.2	12.5	52.5

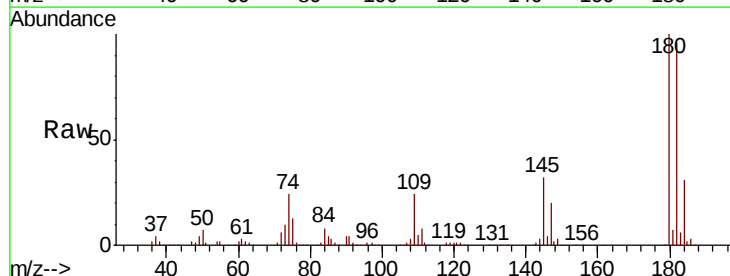


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

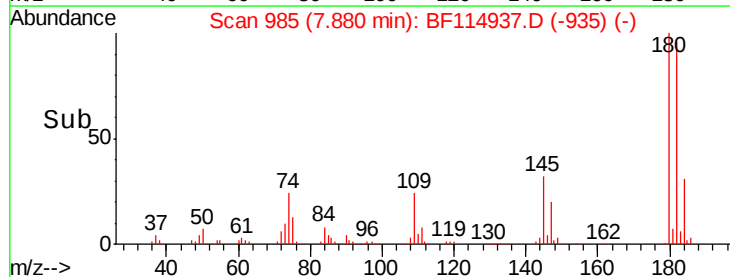
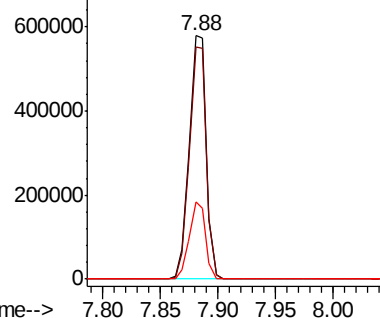


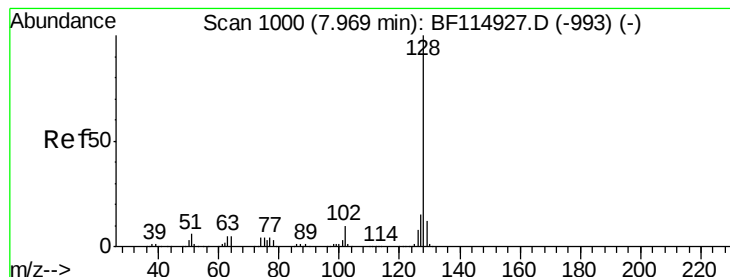
#30
1,2,4-Trichlorobenzene
Concen: 44.713 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.6
145	31.7	25.1	37.7



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





#31

Naphthalene

Concen: 48.404 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

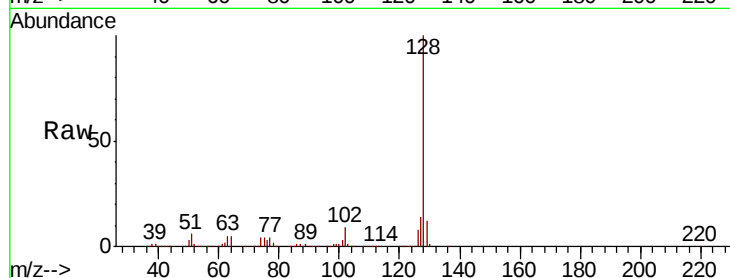
Tot Ion:128 Resp: 1776122

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

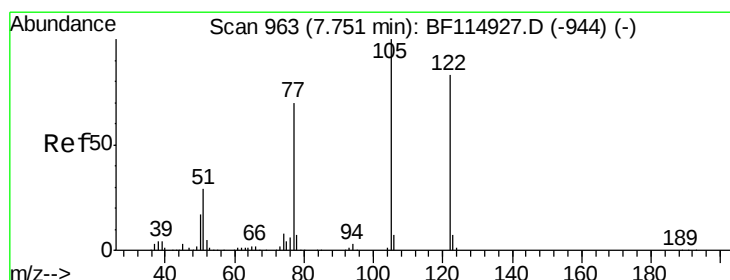
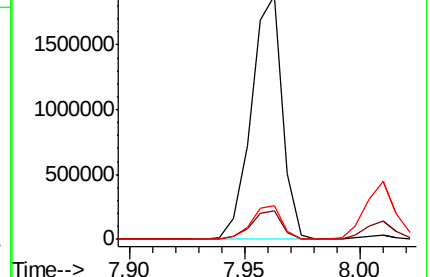
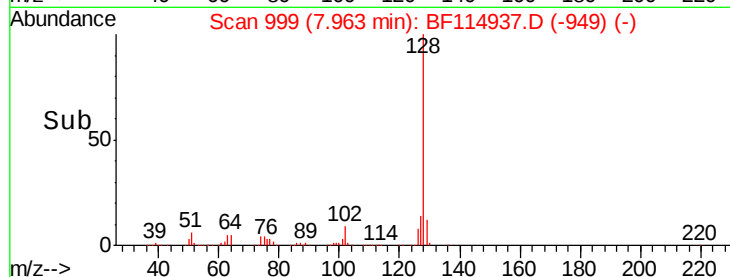
127 13.8 11.8 17.6



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: 13.203 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.06 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

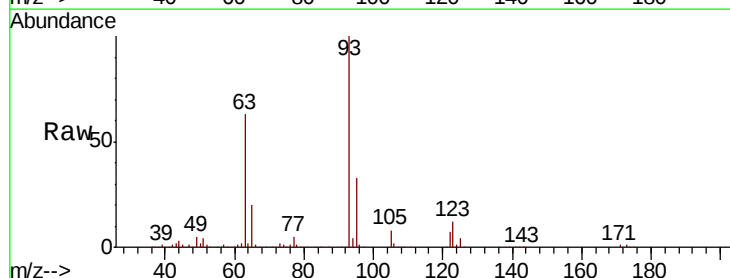
Tgt Ion:122 Resp: 108101

Ion Ratio Lower Upper

122 100

105 113.4 97.7 137.7

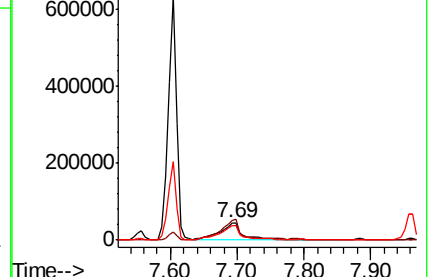
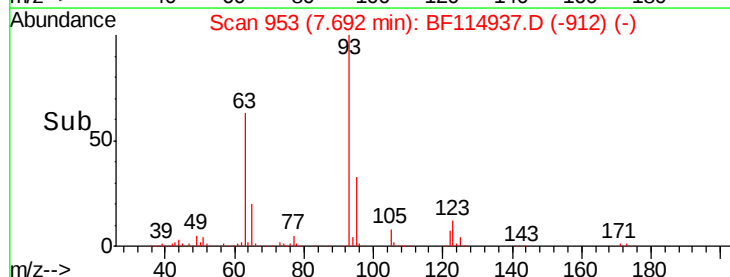
77 80.5 63.0 103.0

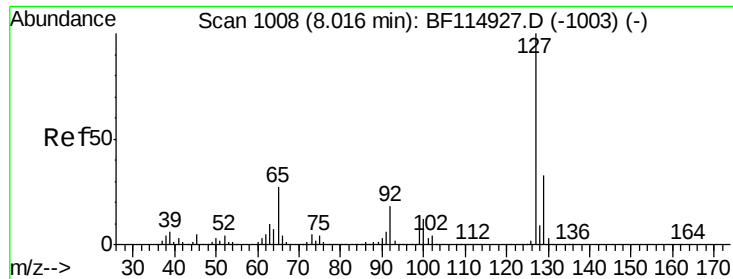


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

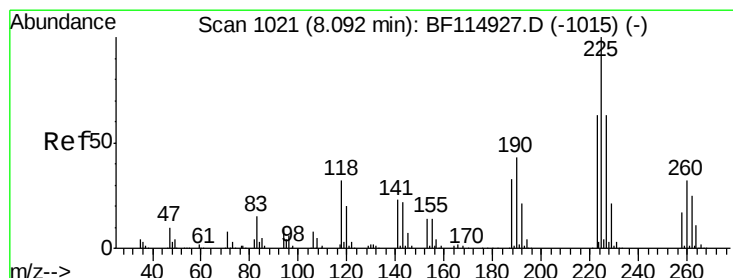
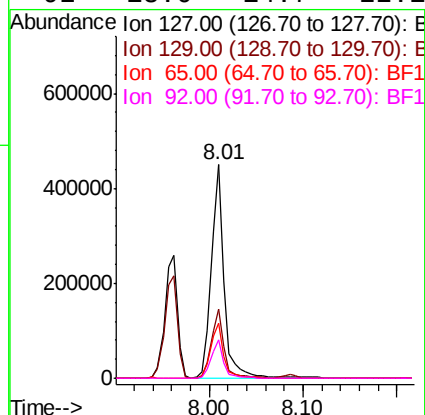
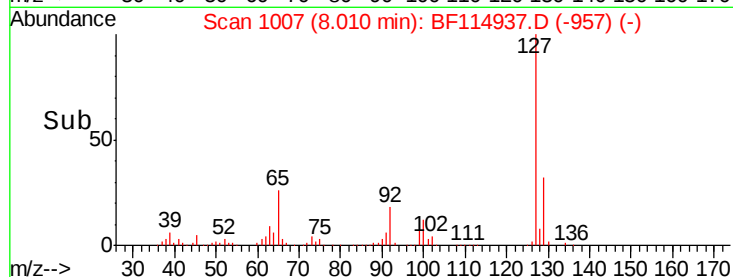
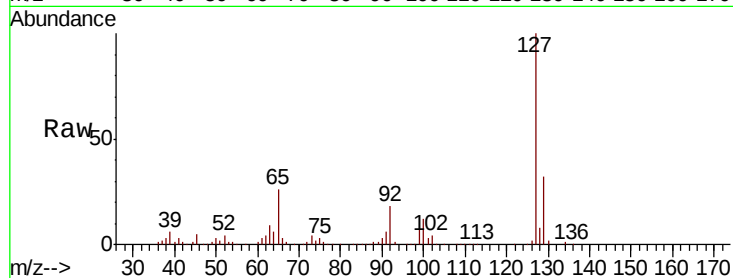




#33
4-Chloroaniline
Concen: 25.061 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

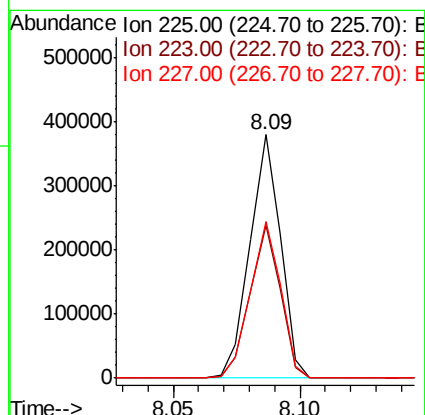
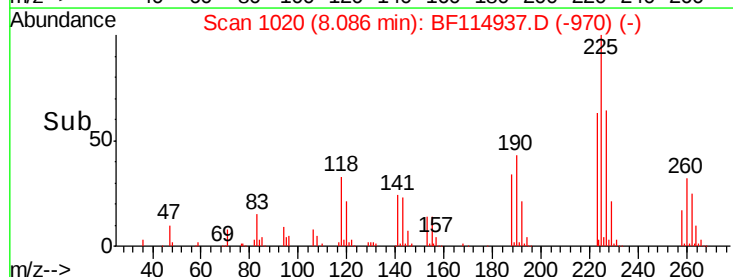
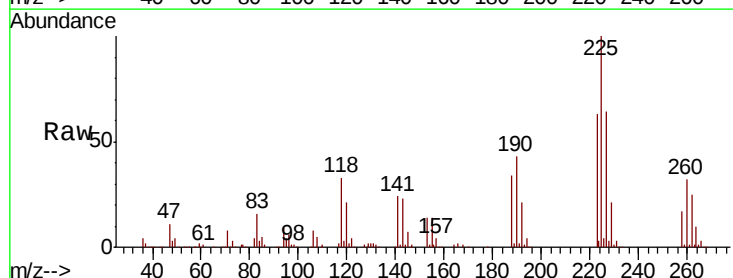
Instrument :
BNA_F
ClientSampleId :
PB120177BS

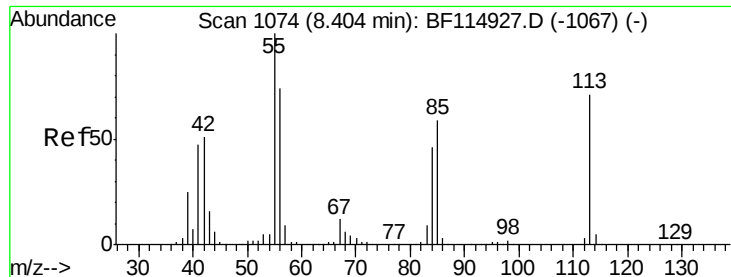
Tot Ion:	127	Resp:	433965
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	40.0
65	26.0	21.5	32.3
92	18.0	14.7	22.1



#34
Hexachlorobutadiene
Concen: 43.349 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:	225	Resp:	320300
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	64.1	50.6	75.8

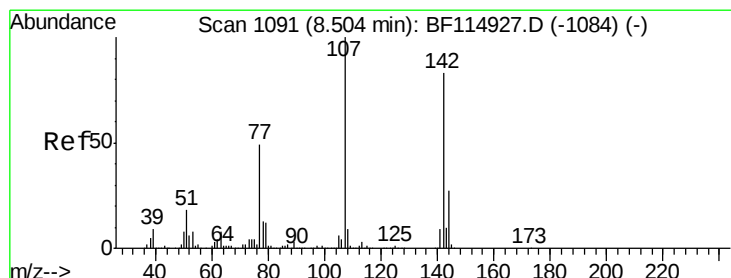
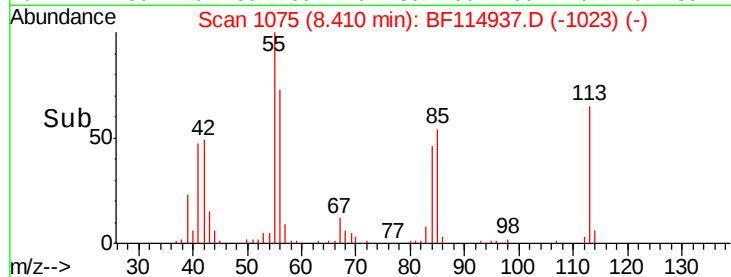
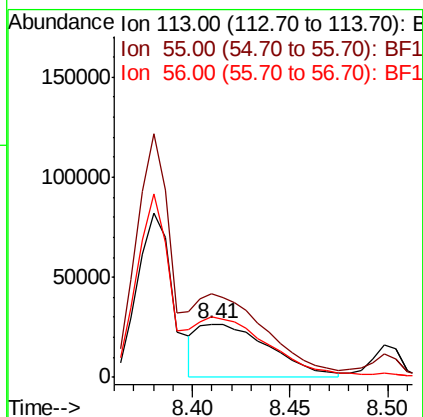
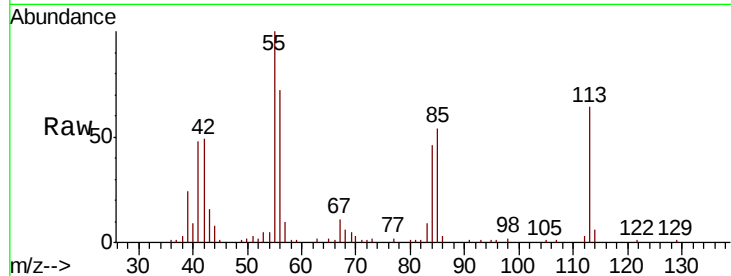




#35
 Caprolactam
 Concen: 17.682 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

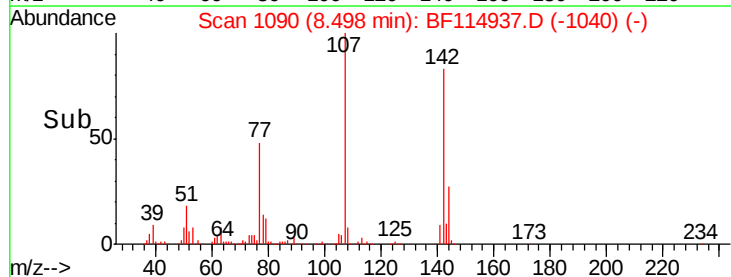
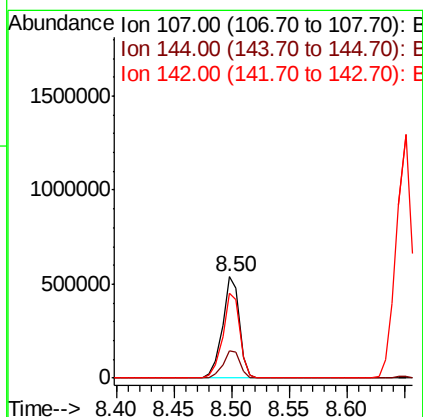
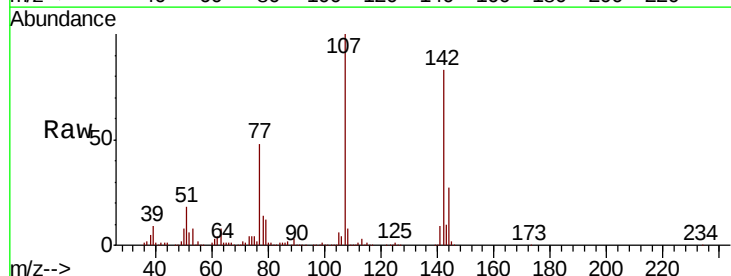
Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

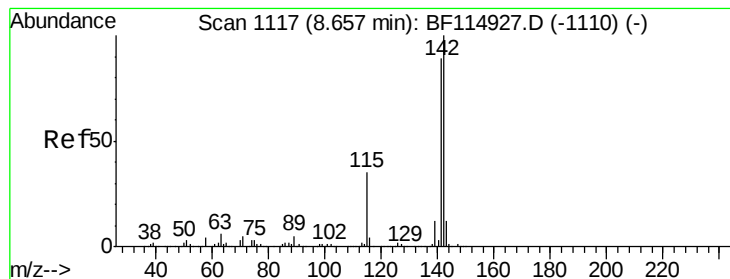
Tot Ion:113 Resp: 68371
 Ion Ratio Lower Upper
 113 100
 55 156.1 120.9 160.9
 56 112.6 84.3 124.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.324 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion:107 Resp: 551745
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.6 32.4
 142 83.4 66.1 99.1





#37

2-Methylnaphthalene

Concen: 48.897 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

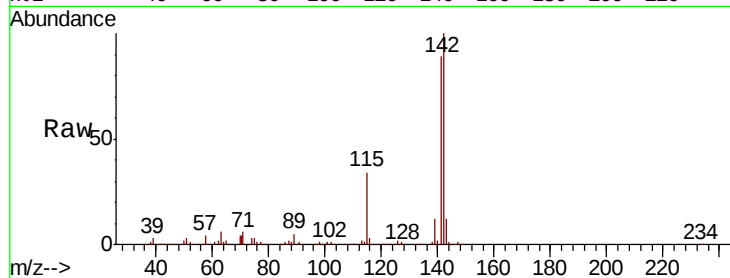
Tot Ion:142 Resp: 1219248

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7

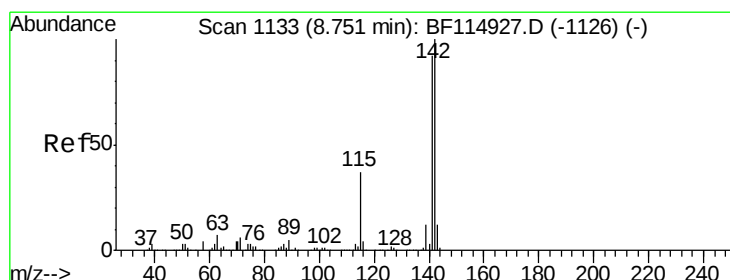
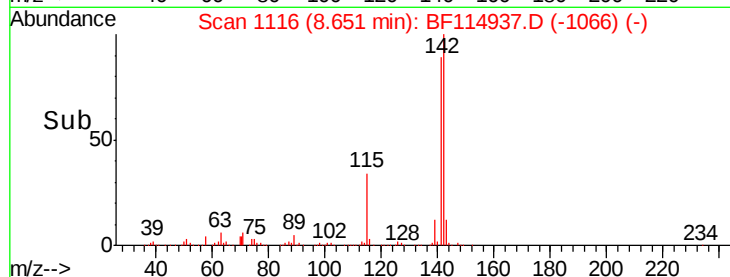
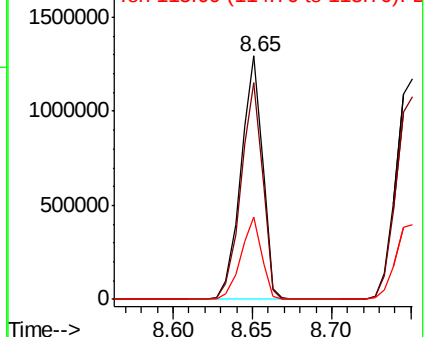
115 33.7 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.623 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

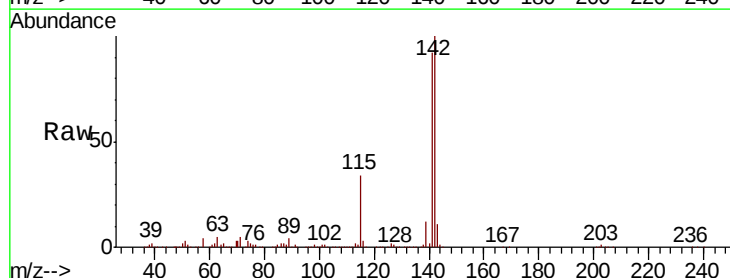
Tgt Ion:142 Resp: 1146673

Ion Ratio Lower Upper

142 100

141 92.0 73.7 110.5

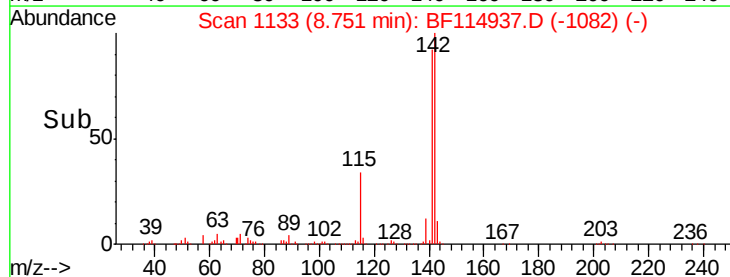
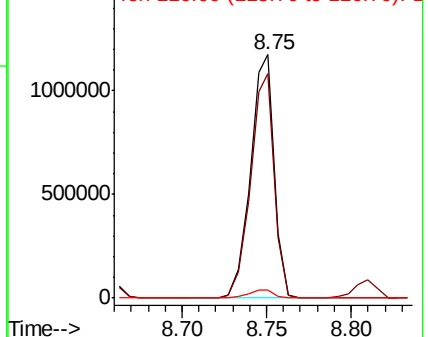
116 3.4 3.1 4.7

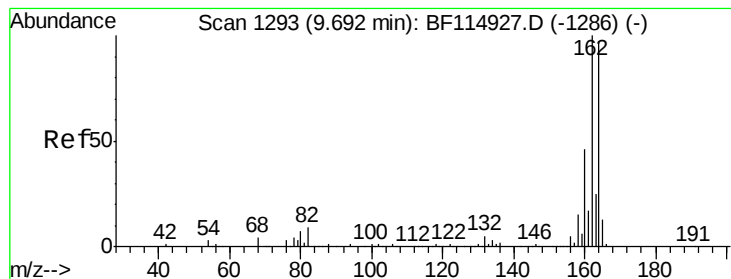


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

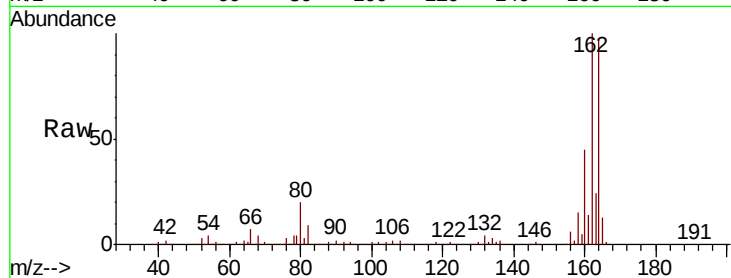
Tot Ion:164 Resp: 400694

Ion Ratio Lower Upper

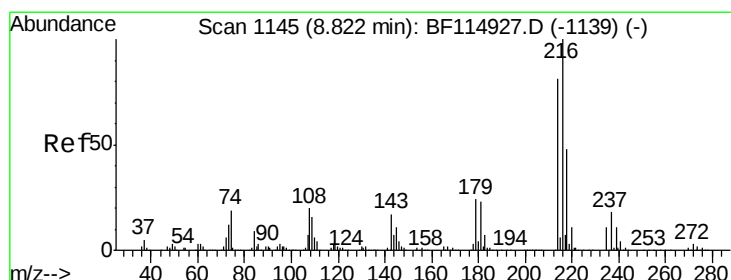
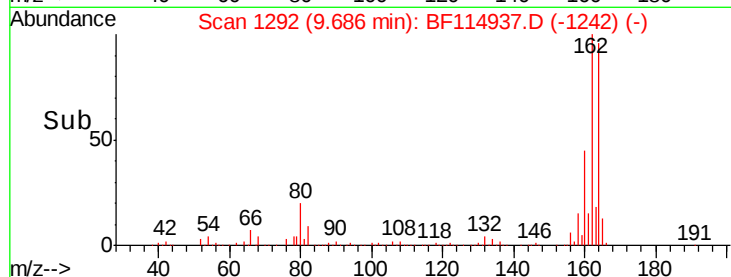
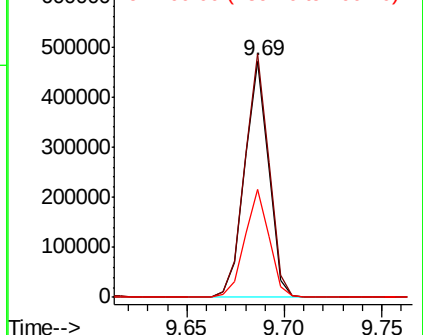
164 100

162 103.0 82.4 123.6

160 45.9 37.5 56.3



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: 45.114 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Tgt Ion:216 Resp: 519736

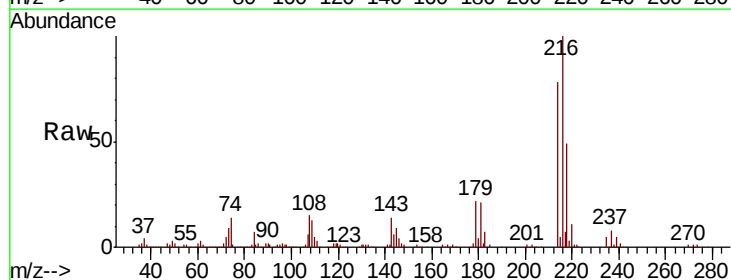
Ion Ratio Lower Upper

216 100

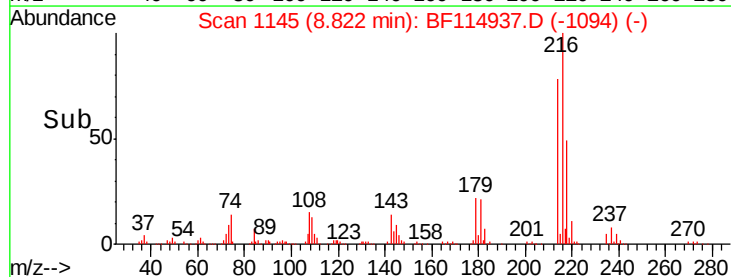
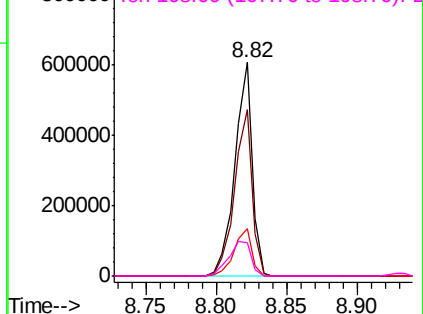
214 79.1 63.8 95.8

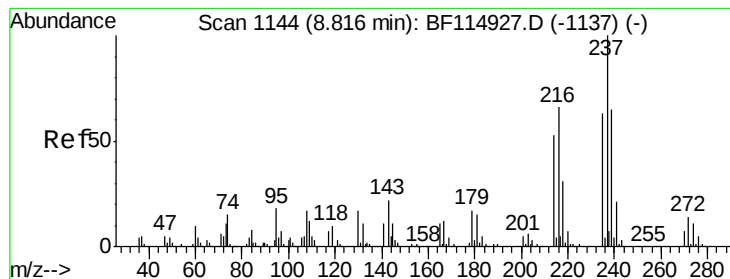
179 22.5 18.5 27.7

108 21.1 15.6 23.4



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: 97.728 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

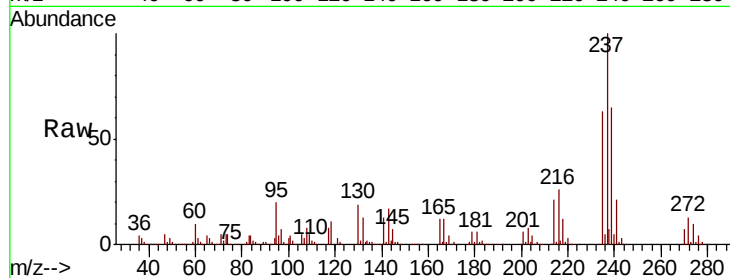
Tot Ion:237 Resp: 639977

Ion Ratio Lower Upper

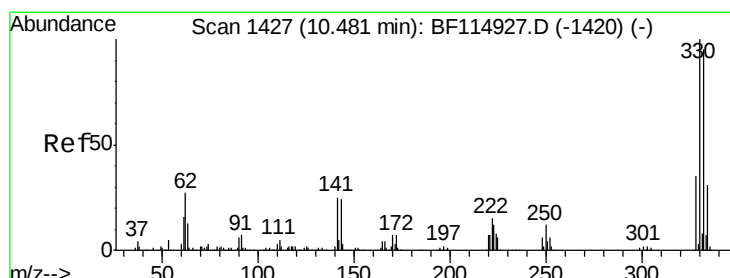
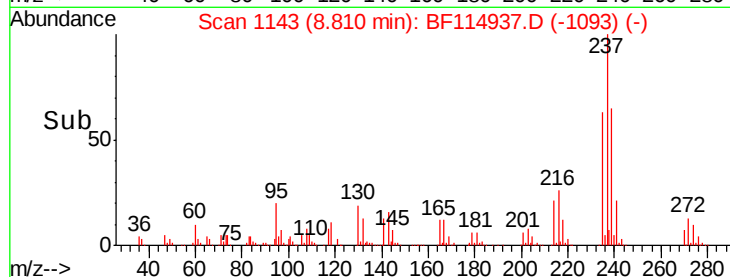
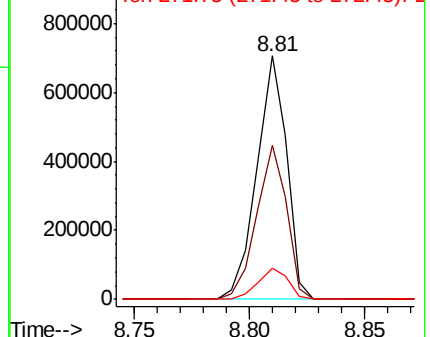
237 100

235 63.1 43.3 83.3

272 12.9 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 122.441 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

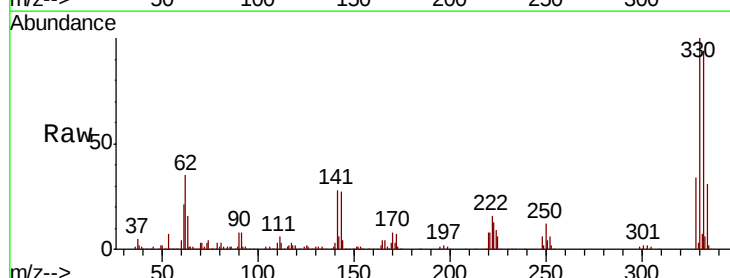
Tgt Ion:330 Resp: 533695

Ion Ratio Lower Upper

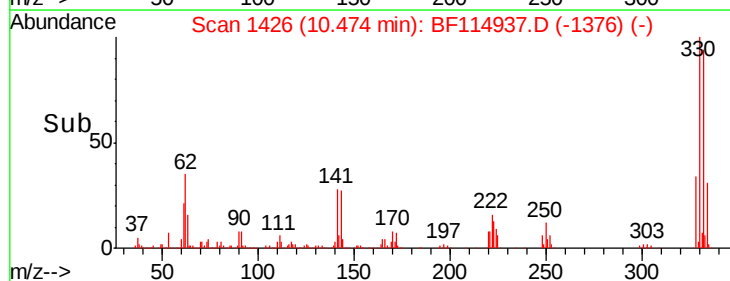
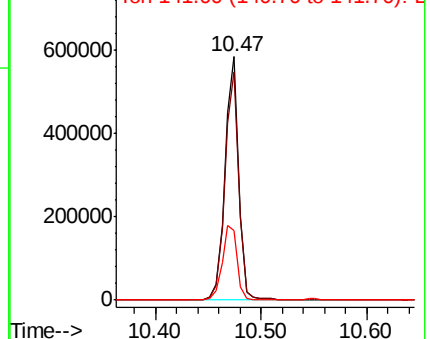
330 100

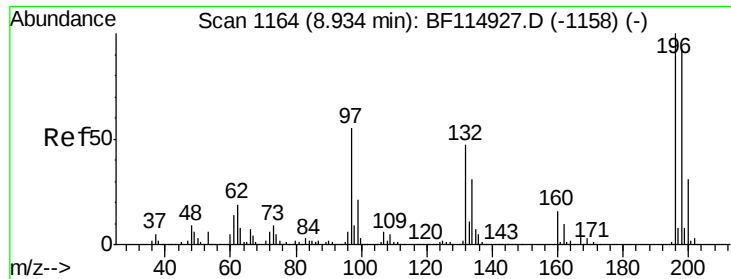
332 94.8 76.4 114.6

141 33.5 26.8 40.2



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

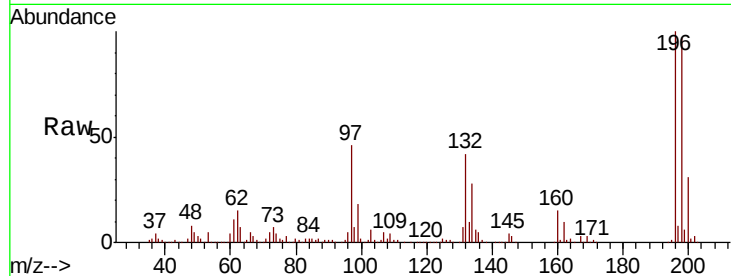




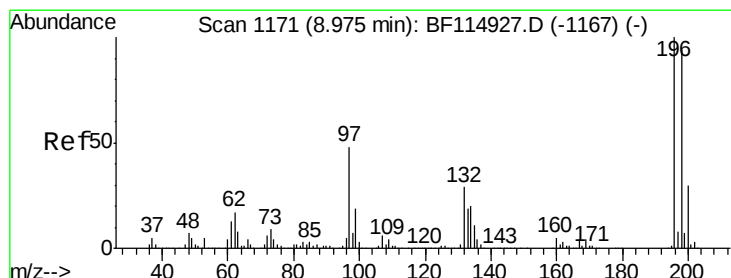
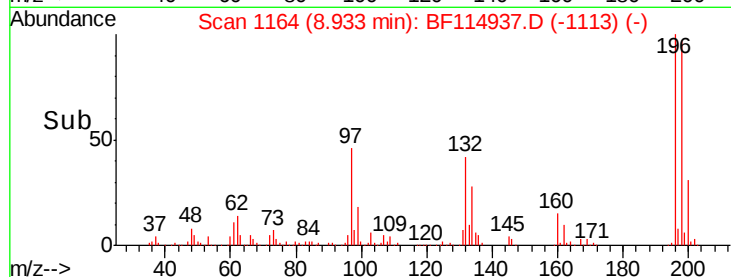
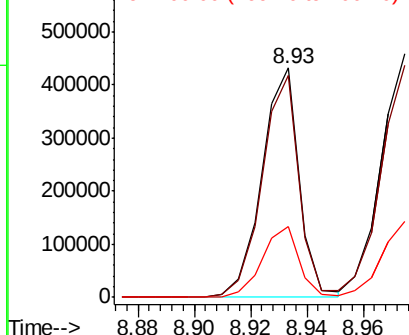
#43
 2,4,6-Trichlorophenol
 Concen: 45.124 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tot Ion:196 Resp: 394743
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.8 112.2
 200 31.0 24.5 36.7

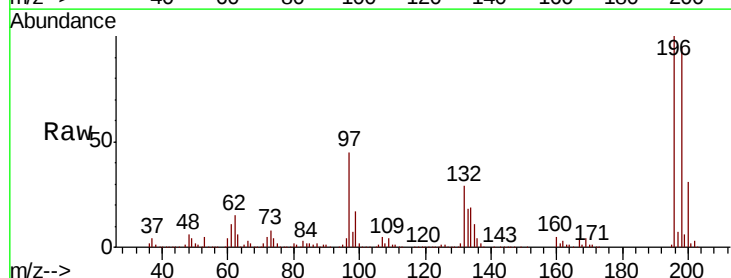


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

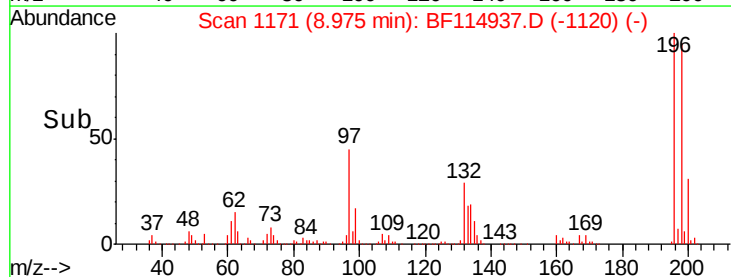
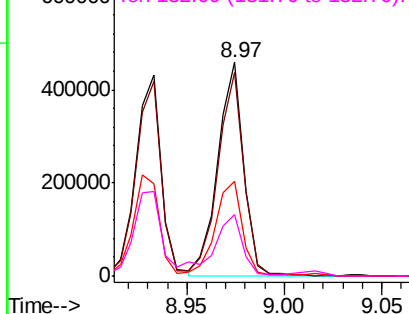


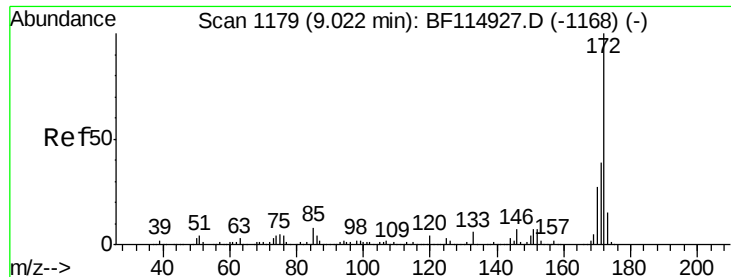
#44
 2,4,5-Trichlorophenol
 Concen: 46.407 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion:196 Resp: 418597
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.6 113.4
 97 44.6 38.6 57.8
 132 28.8 23.7 35.5



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

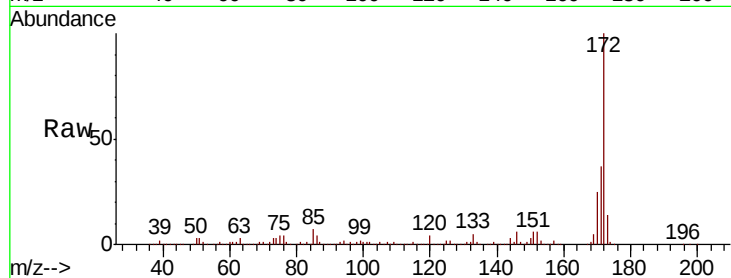




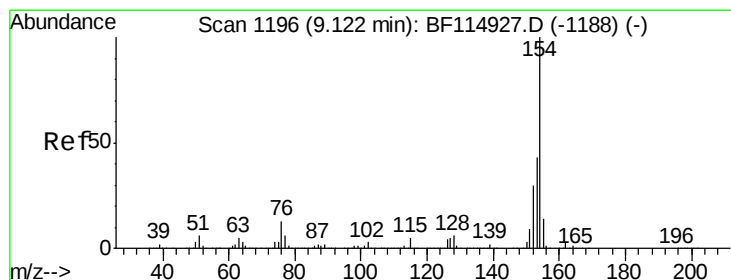
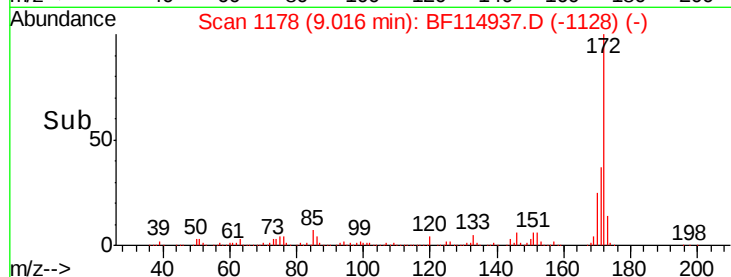
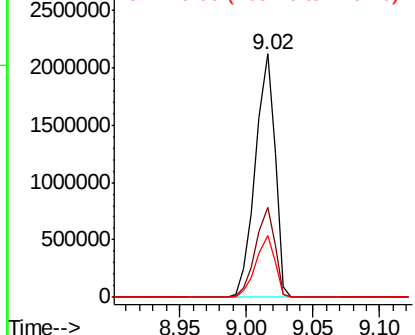
#45
2-Fluorobiphenyl
Concen: 84.531 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion:172 Resp: 2134202
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 25.2 21.4 32.0

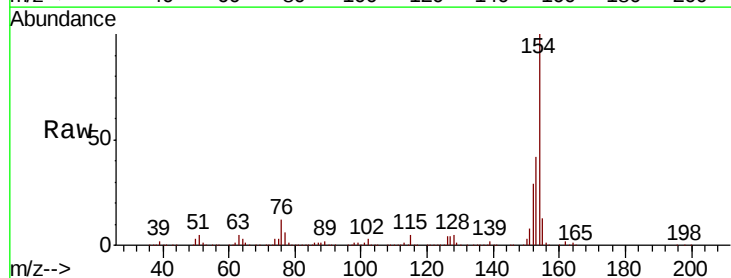


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

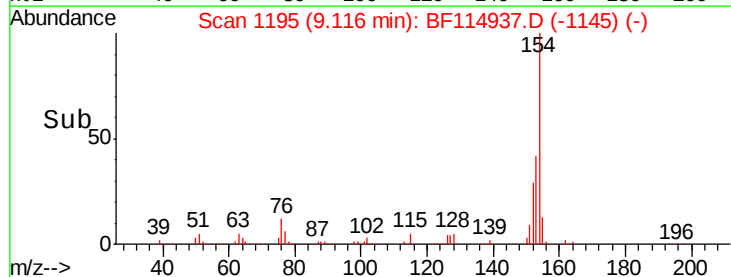
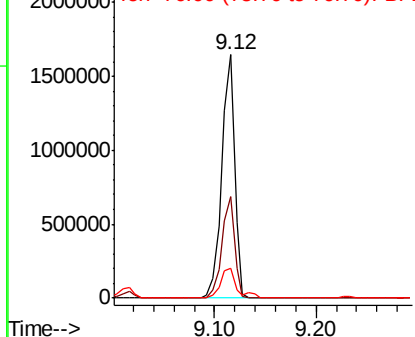


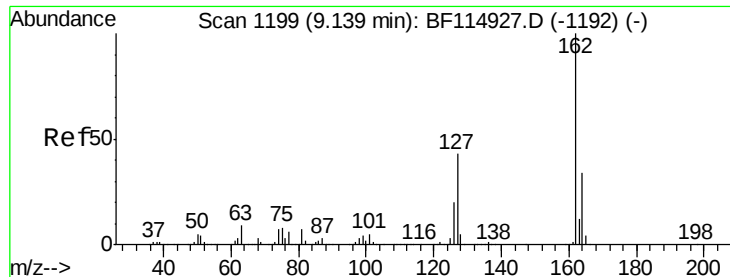
#46
1,1'-Biphenyl
Concen: 48.407 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:154 Resp: 1451111
Ion Ratio Lower Upper
154 100
153 41.6 22.8 62.8
76 12.5 0.0 33.0



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

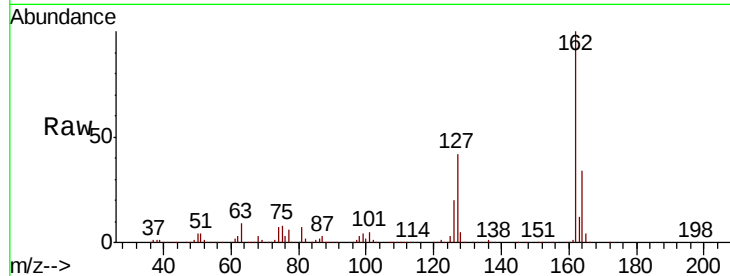




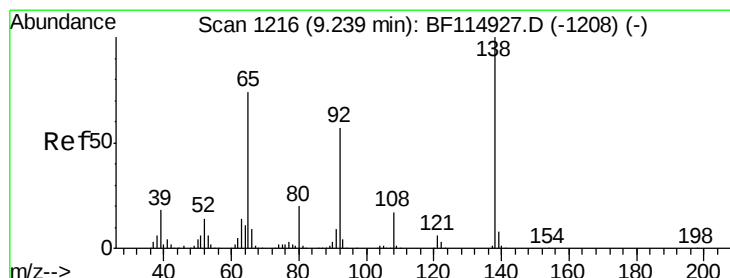
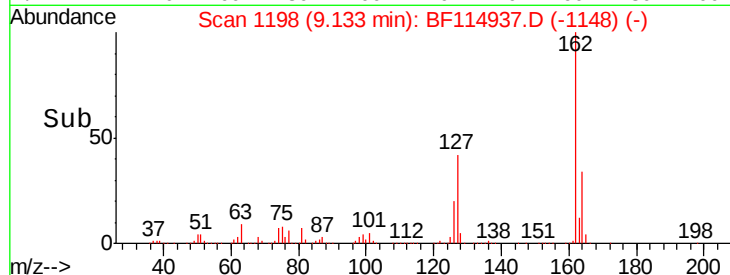
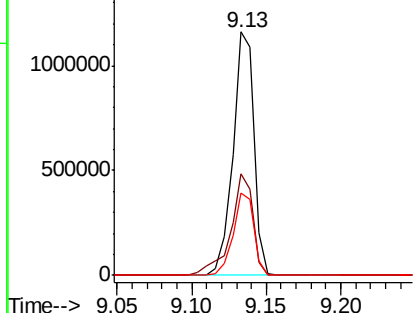
#47
 2-Chloronaphthalene
 Concen: 45.599 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tot Ion: 162 Resp: 1153921
 Ion Ratio Lower Upper
 162 100
 127 41.5 34.6 51.8
 164 33.9 27.5 41.3

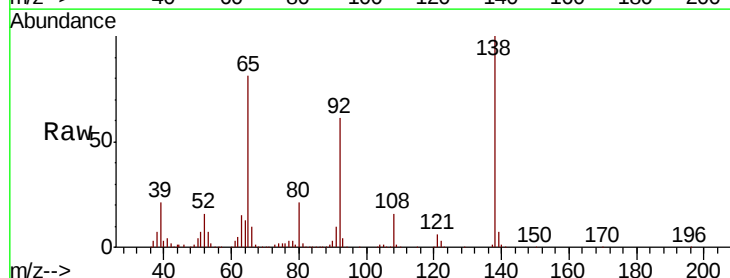


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

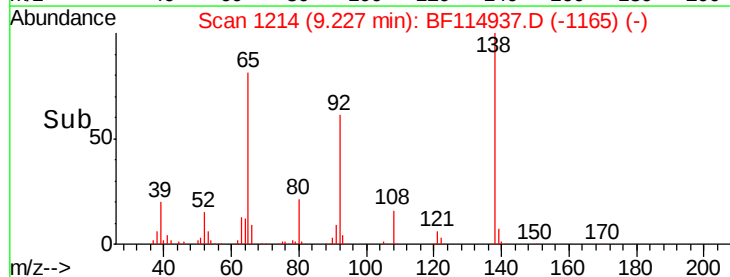
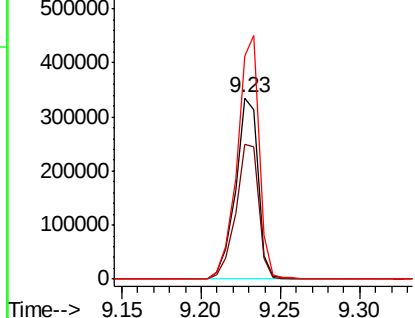


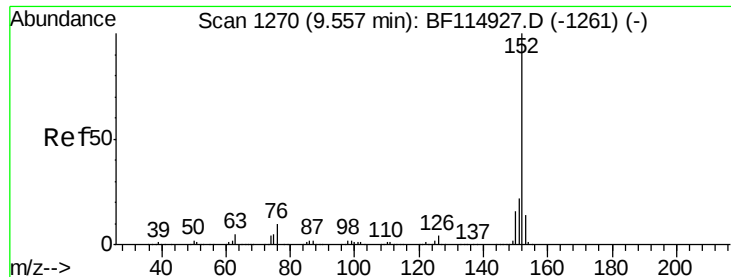
#48
 2-Nitroaniline
 Concen: 42.970 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion: 65 Resp: 330994
 Ion Ratio Lower Upper
 65 100
 92 74.7 61.9 92.9
 138 123.2 108.6 162.8



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: 48.626 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

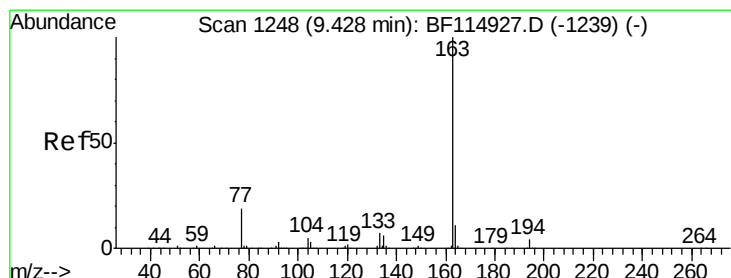
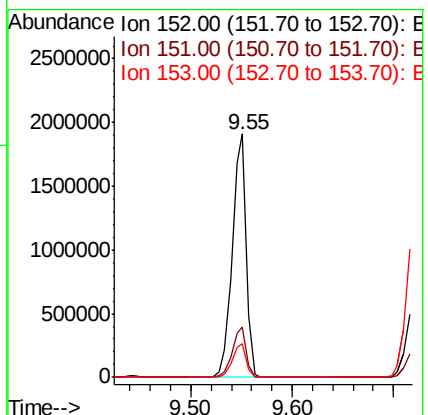
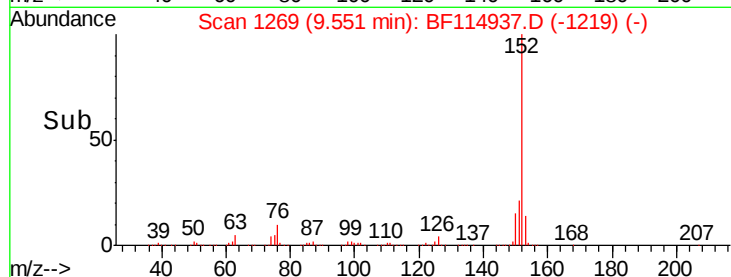
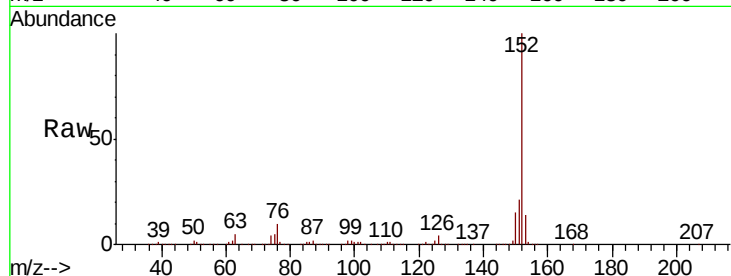
Tot Ion:152 Resp: 1813326

Ion Ratio Lower Upper

152 100

151 20.9 17.6 26.4

153 13.6 11.4 17.0



#50

Dimethylphthalate

Concen: 44.963 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

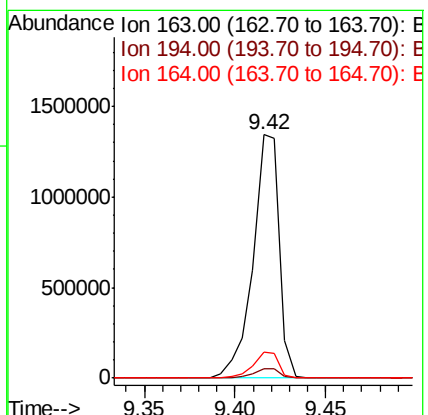
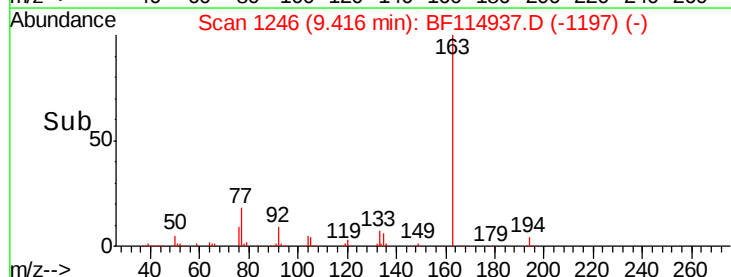
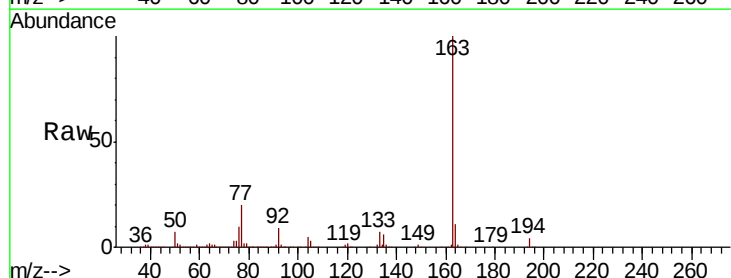
Tgt Ion:163 Resp: 1354104

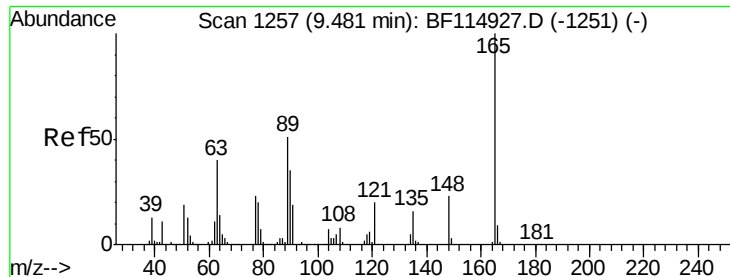
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.6 8.7 13.1

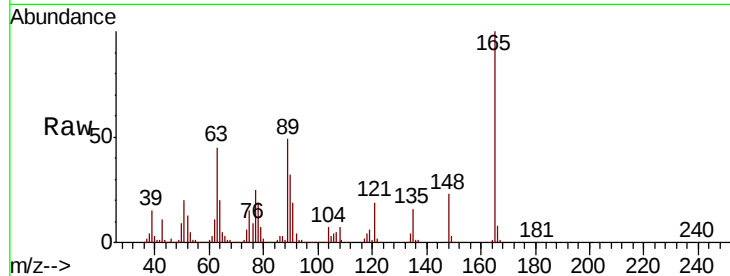




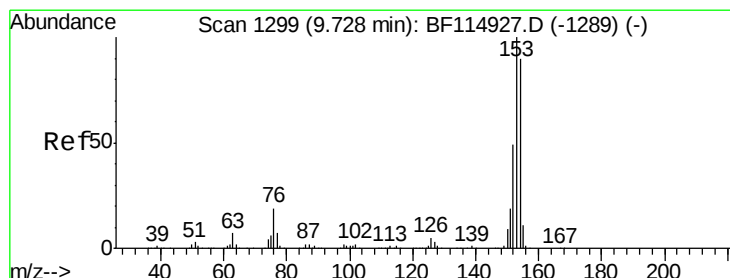
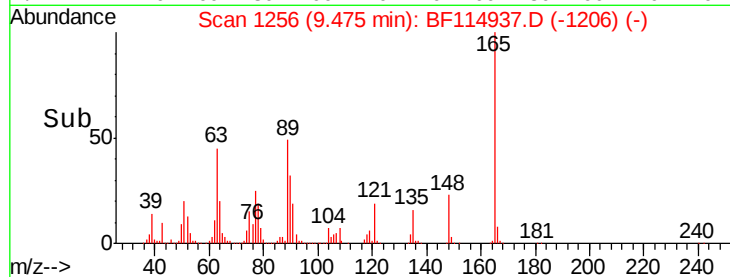
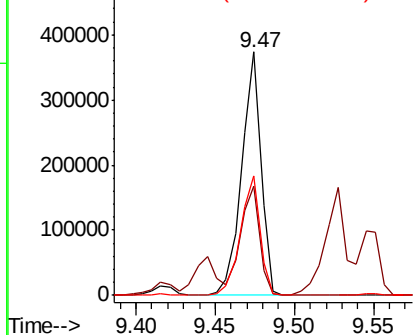
#51
2,6-Dinitrotoluene
Concen: 45.711 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion:165 Resp: 316190
Ion Ratio Lower Upper
165 100
63 45.0 38.3 57.5
89 48.9 40.8 61.2

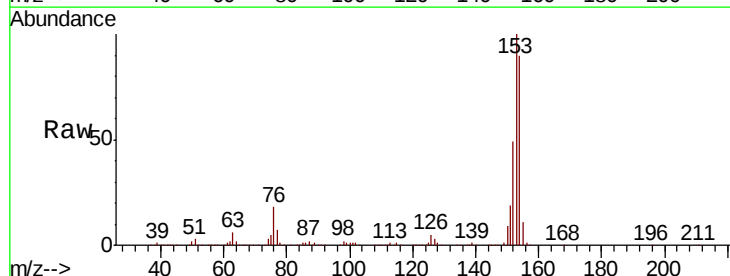


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

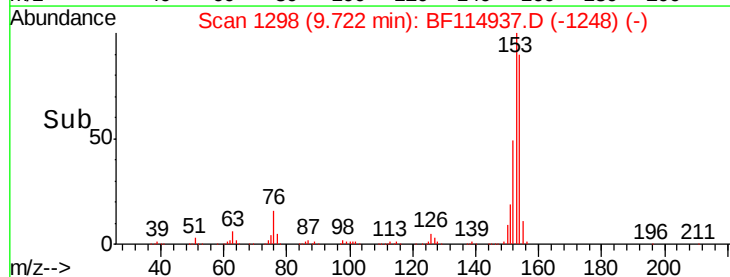
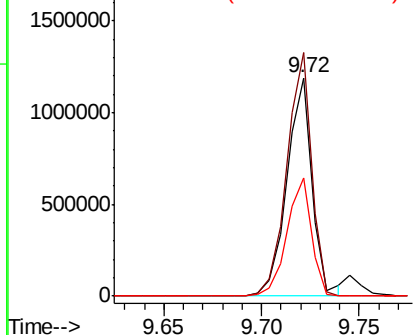


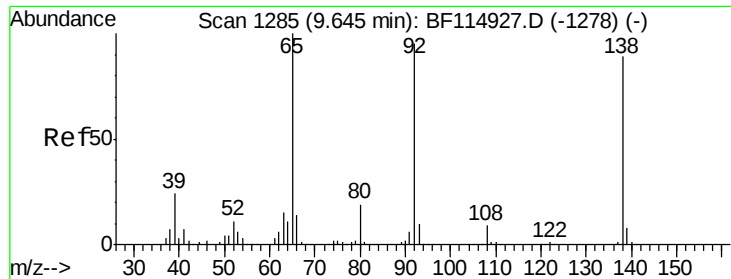
#52
Acenaphthene
Concen: 47.092 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:154 Resp: 1063911
Ion Ratio Lower Upper
154 100
153 111.5 89.1 133.7
152 54.4 43.8 65.6



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

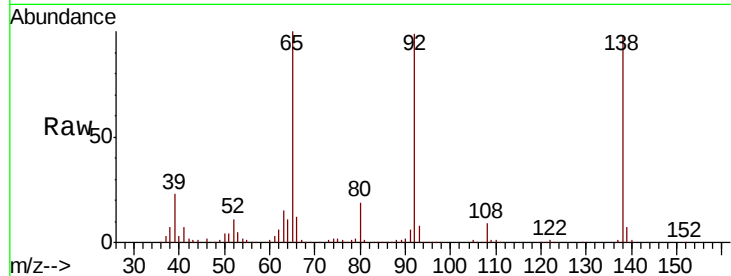




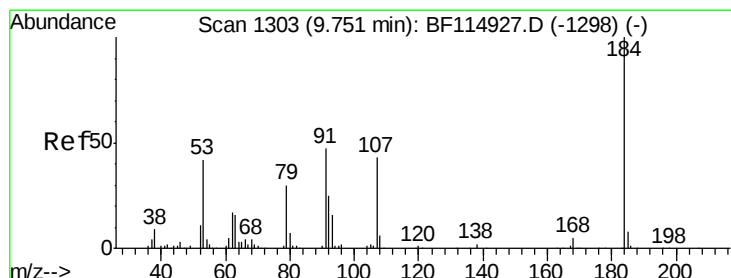
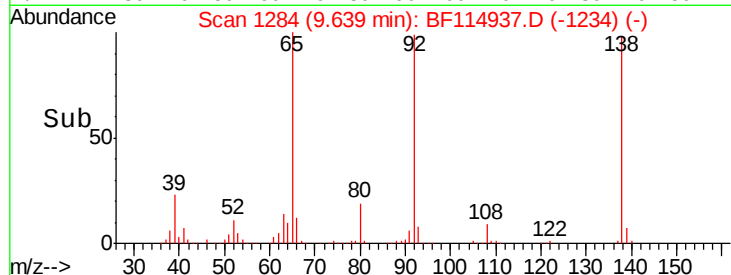
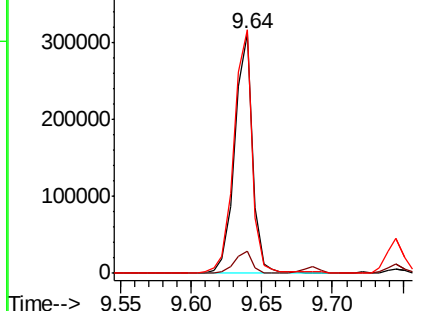
#53
3-Nitroaniline
Concen: 33.092 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion:138 Resp: 274871
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 101.8 85.0 127.6

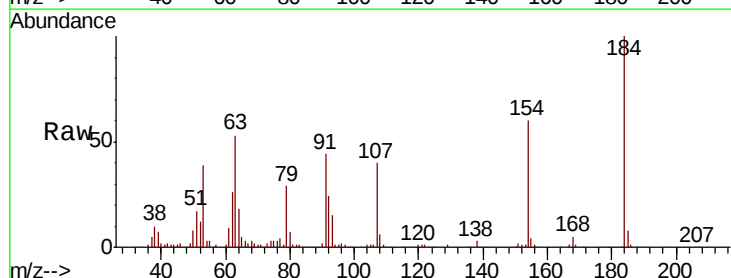


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

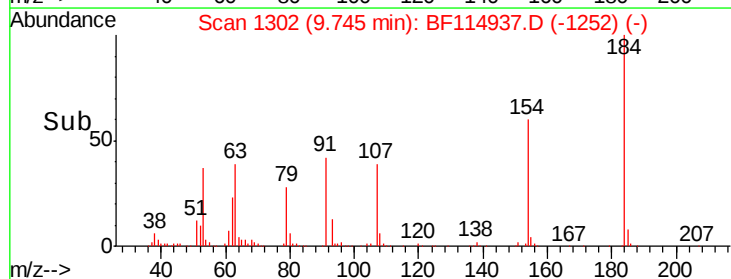
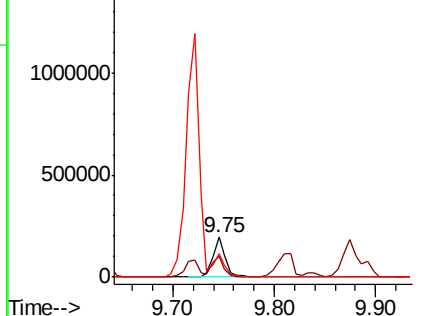


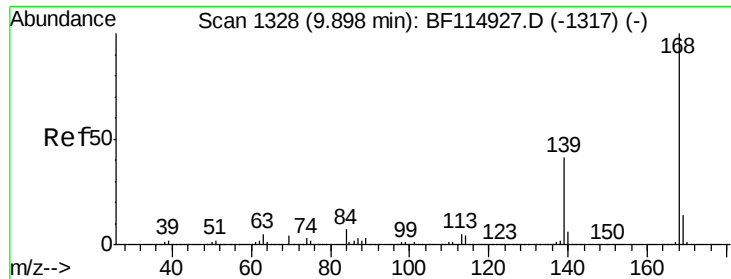
#54
2,4-Dinitrophenol
Concen: 50.313 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:184 Resp: 172249
Ion Ratio Lower Upper
184 100
63 52.7 47.4 71.0
154 59.8 48.6 73.0



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





#55

Dibenzofuran

Concen: 49.021 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

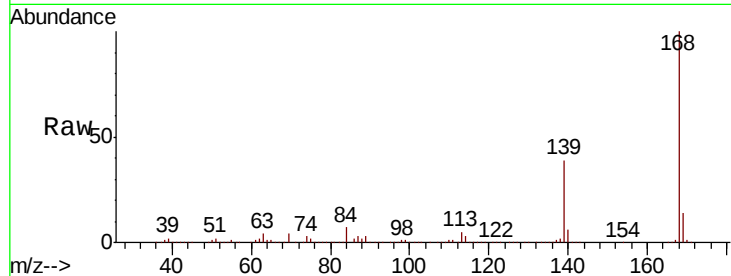
Tot Ion:168 Resp: 1580937

Ion Ratio Lower Upper

168 100

139 39.1 33.0 49.4

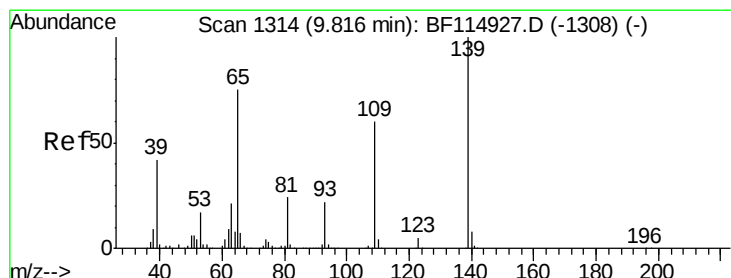
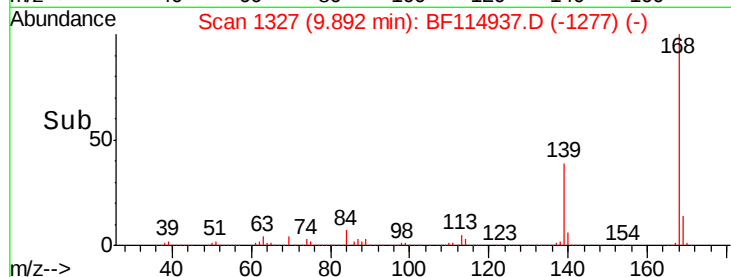
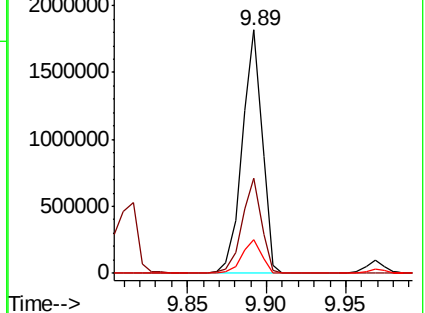
169 13.9 11.6 17.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.653 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

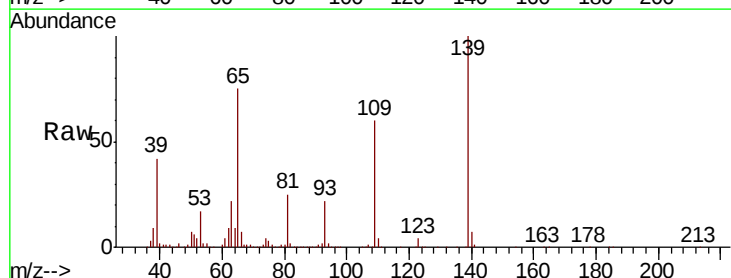
Tgt Ion:139 Resp: 548493

Ion Ratio Lower Upper

139 100

109 60.0 40.0 80.0

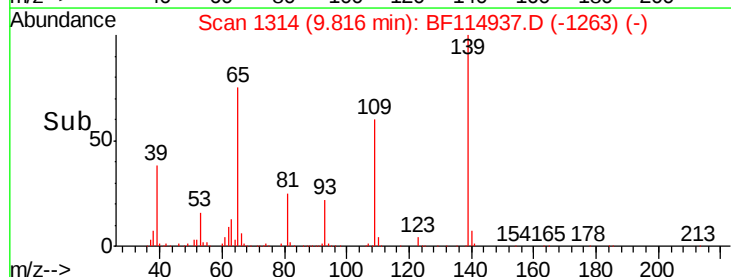
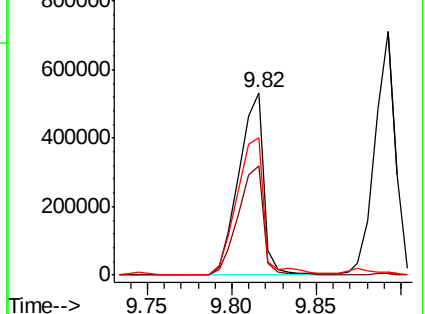
65 75.3 55.0 95.0

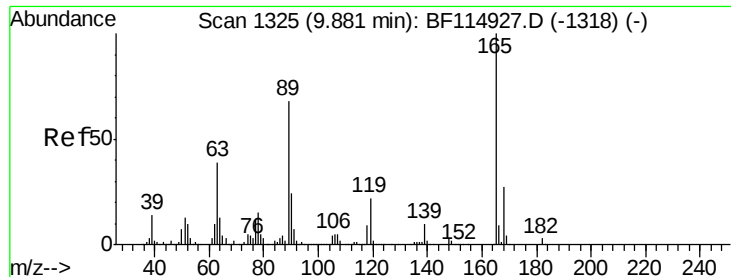


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

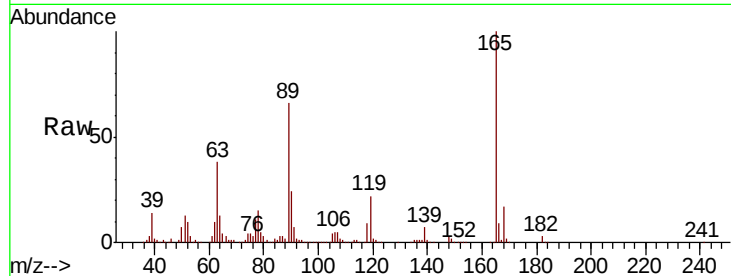




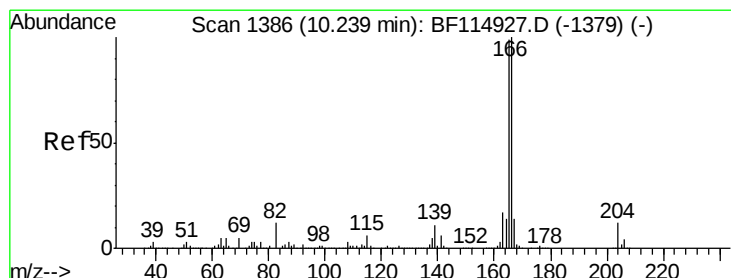
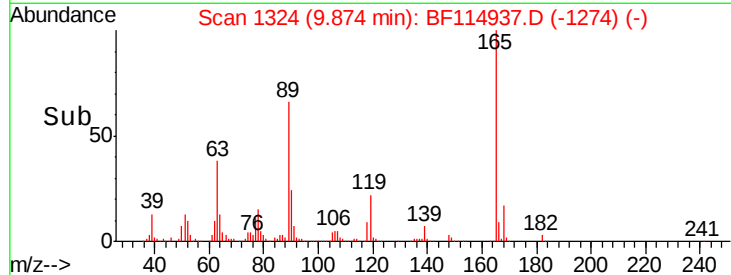
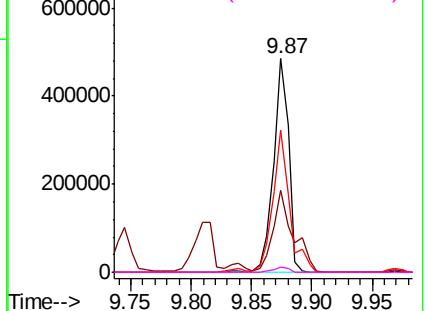
#57
2,4-Dinitrotoluene
Concen: 48.857 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.5	31.8	47.6
89	66.5	54.2	81.2
182	2.5	2.1	3.1

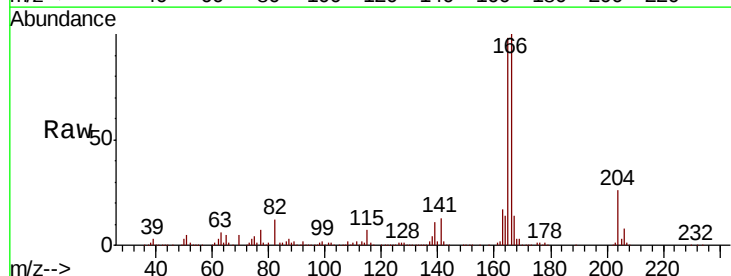


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

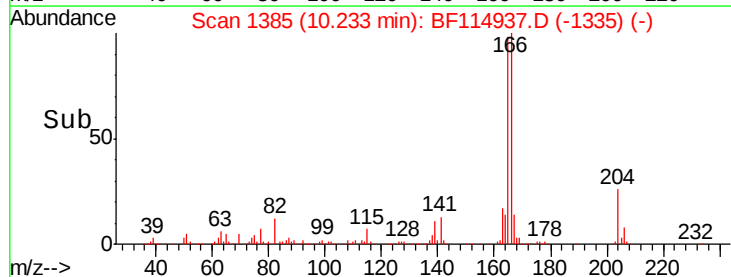
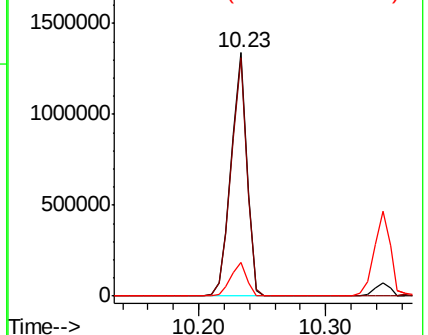


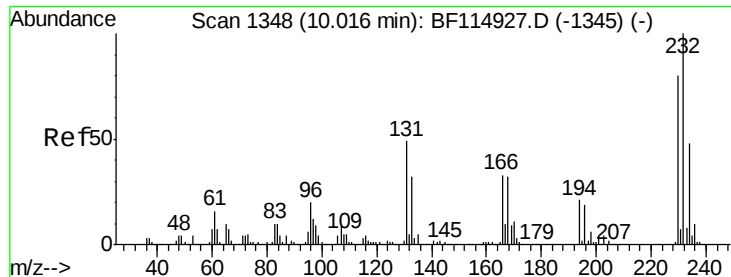
#58
Fluorene
Concen: 46.369 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.2	118.8
167	13.6	11.0	16.6



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

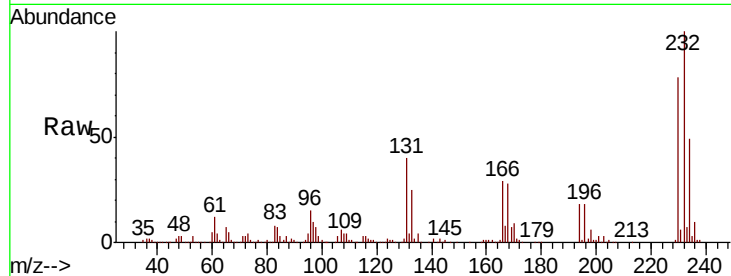




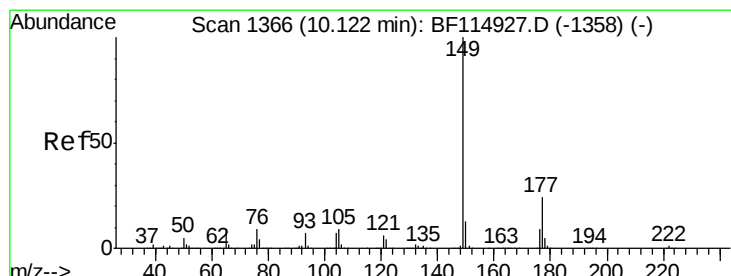
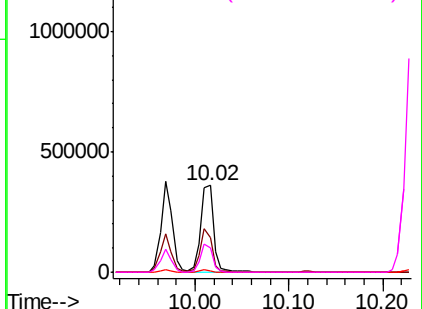
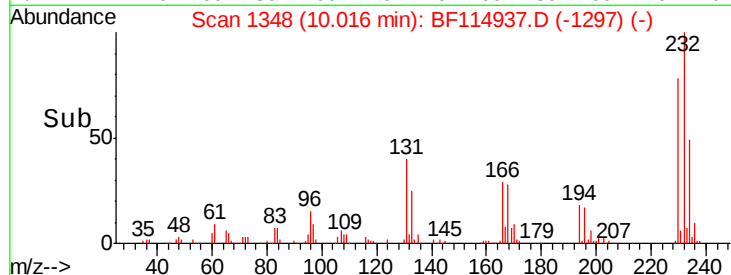
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.479 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tot Ion:232 Resp: 346213
 Ion Ratio Lower Upper
 232 100
 131 45.6 37.0 55.4
 130 2.2 1.8 2.6
 166 30.5 25.0 37.6

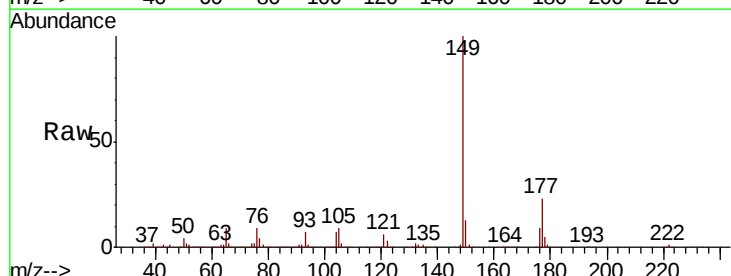


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

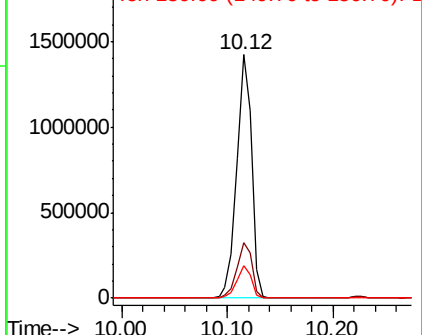
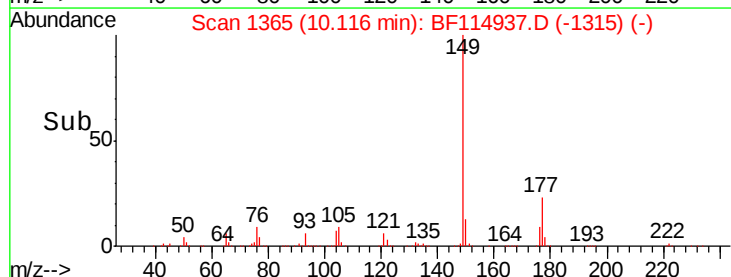


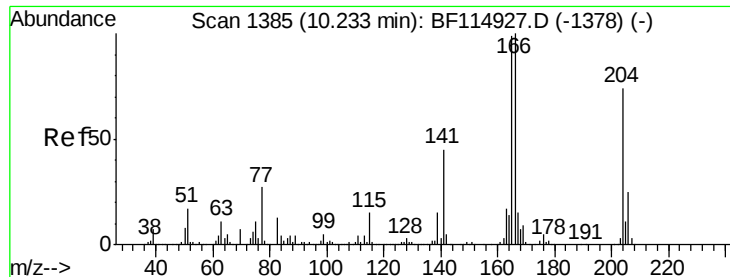
#60
 Diethylphthalate
 Concen: 46.492 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion:149 Resp: 1360837
 Ion Ratio Lower Upper
 149 100
 177 22.7 19.1 28.7
 150 13.1 10.6 16.0



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

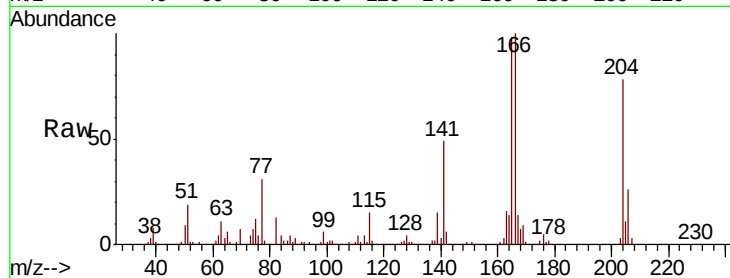




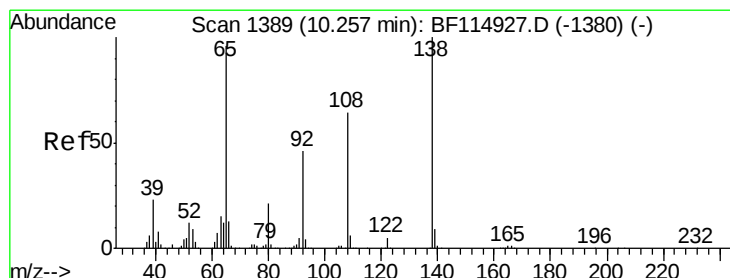
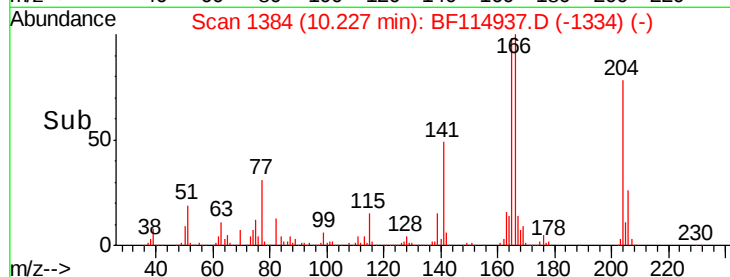
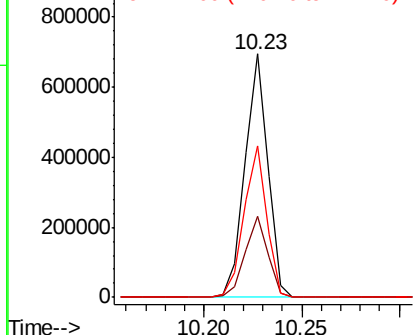
#61
4-Chlorophenyl-phenylether
Concen: 45.238 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion:204 Resp: 563010
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 62.1 48.5 72.7

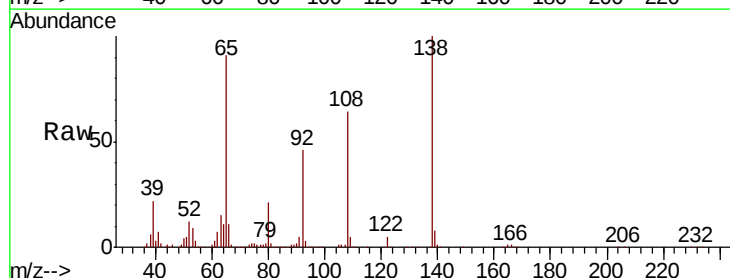


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

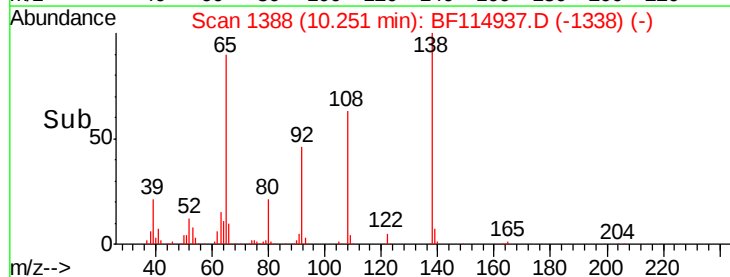
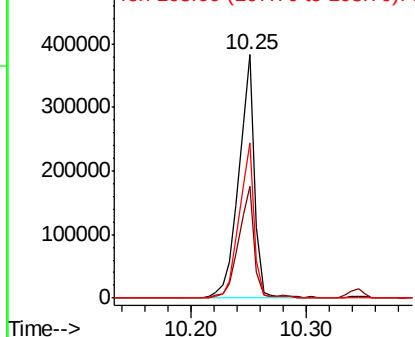


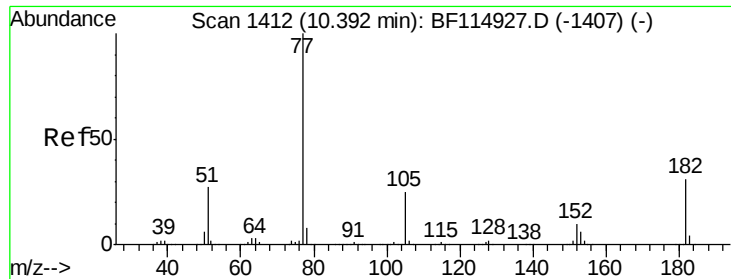
#62
4-Nitroaniline
Concen: 43.093 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:138 Resp: 366826
Ion Ratio Lower Upper
138 100
92 45.8 26.0 66.0
108 63.7 44.0 84.0



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

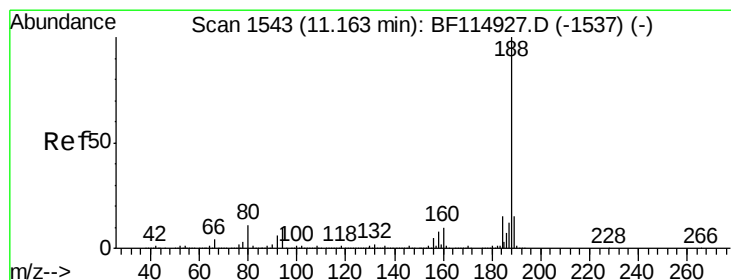
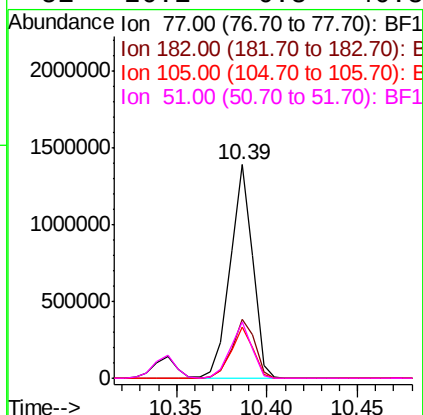
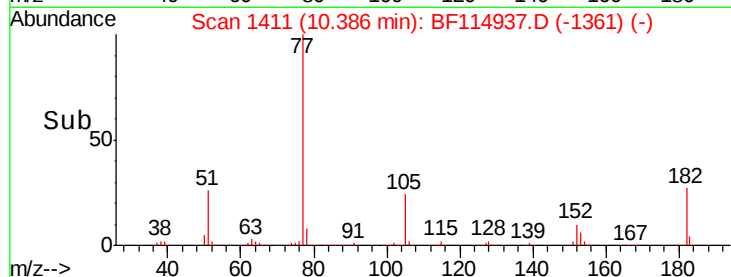
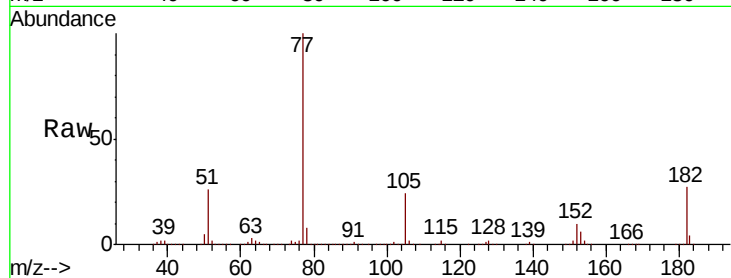




#63
Azobenzene
Concen: 47.046 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

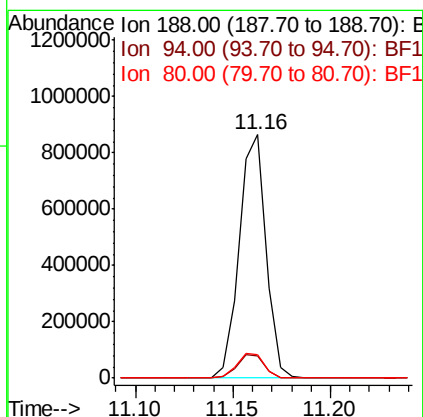
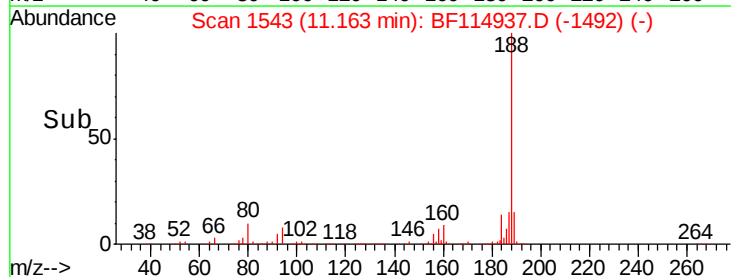
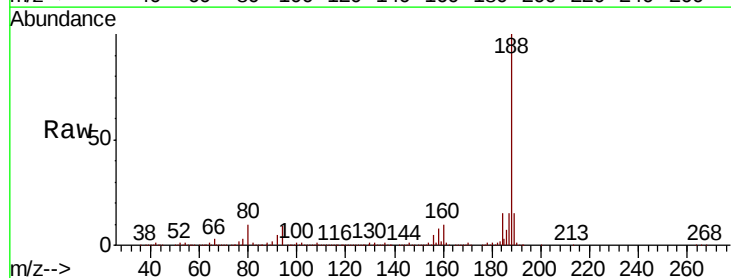
Instrument :
BNA_F
ClientSampleId :
PB120177BS

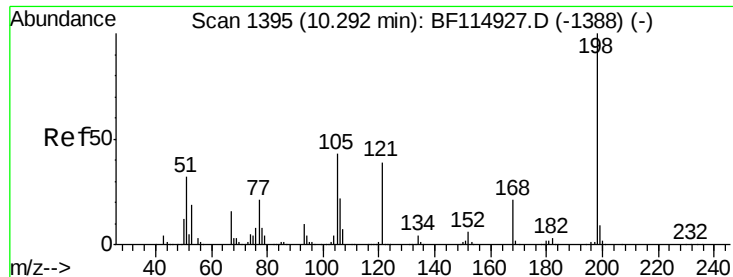
Tot Ion: 77 Resp: 1198575
Ion Ratio Lower Upper
77 100
182 27.5 10.8 50.8
105 24.0 5.3 45.3
51 26.1 6.8 46.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion: 188 Resp: 821442
Ion Ratio Lower Upper
188 100
94 9.2 8.1 12.1
80 9.8 8.6 12.8

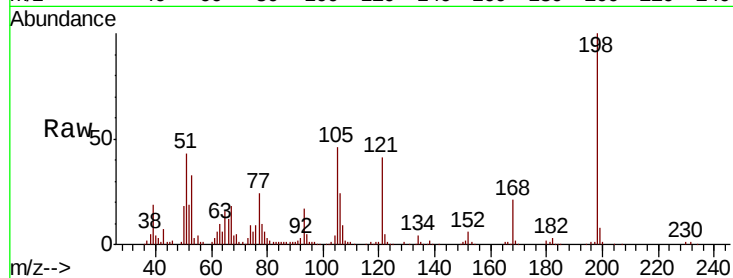




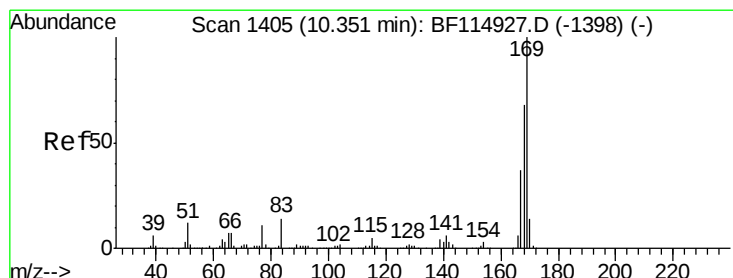
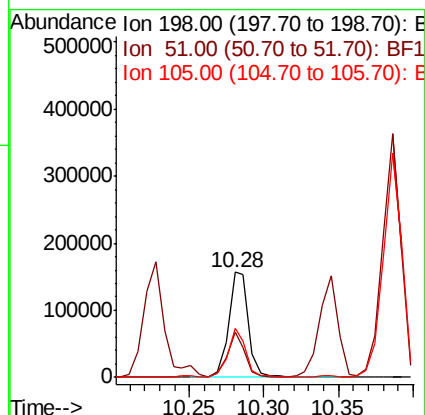
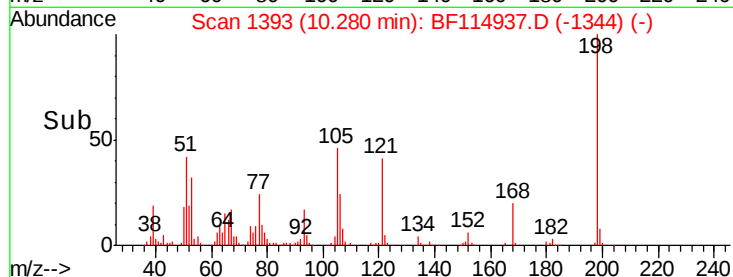
#65
4,6-Dinitro-2-methylphenol
Concen: 32.409 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion:198 Resp: 149297
Ion Ratio Lower Upper
198 100
51 42.6 16.8 56.8
105 46.1 23.5 63.5

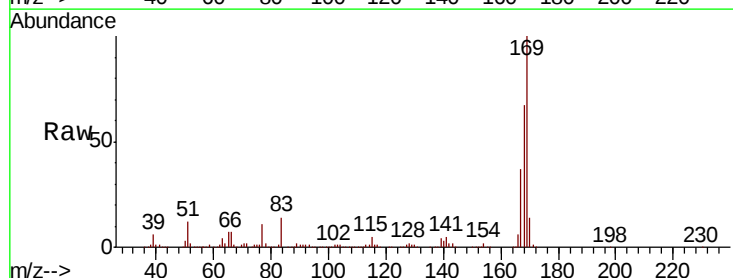


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

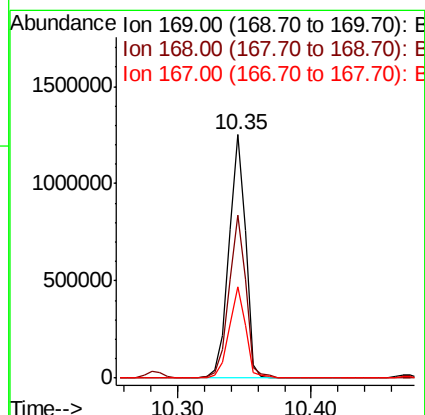
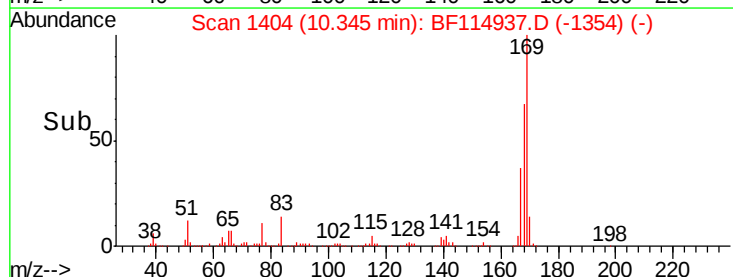


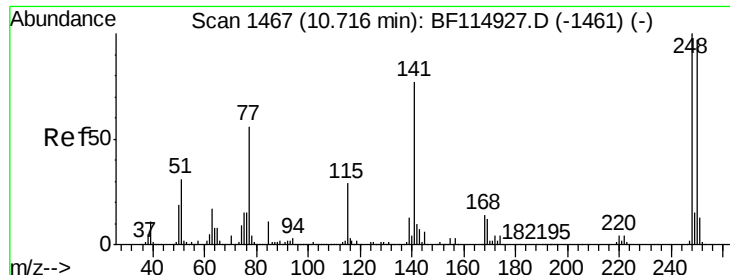
#66
n-Nitrosodiphenylamine
Concen: 45.326 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:169 Resp: 1106173
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.2
167 37.4 29.4 44.2



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

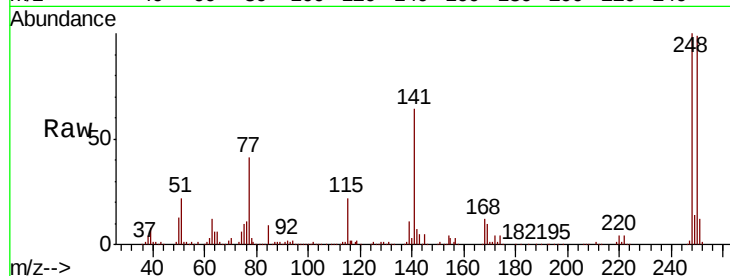




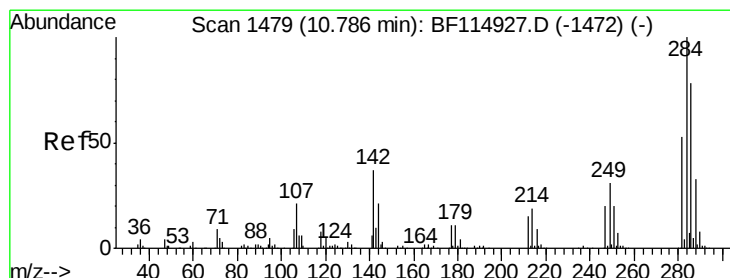
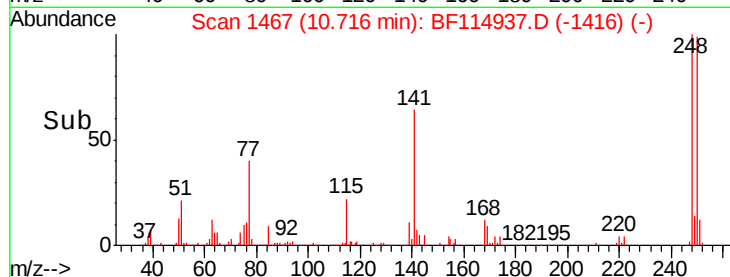
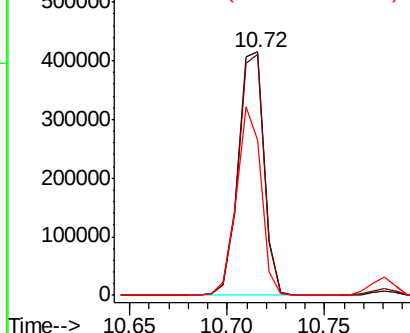
#67
4-Bromophenyl-phenylether
Concen: 43.093 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampled :
PB120177BS

Tot Ion:248 Resp: 383426
Ion Ratio Lower Upper
248 100
250 99.0 77.4 116.0
141 63.5 61.8 92.6

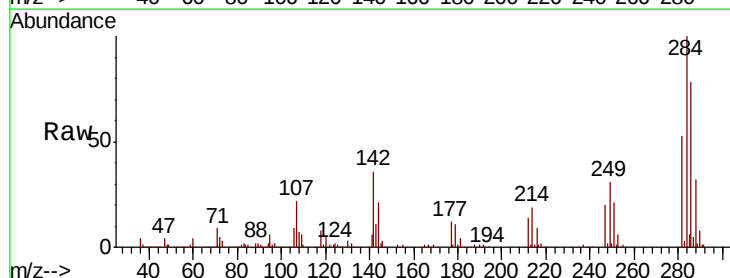


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

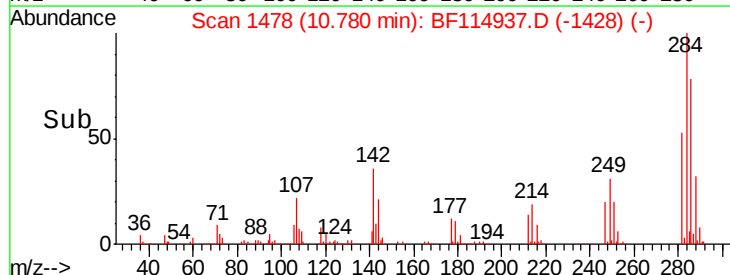
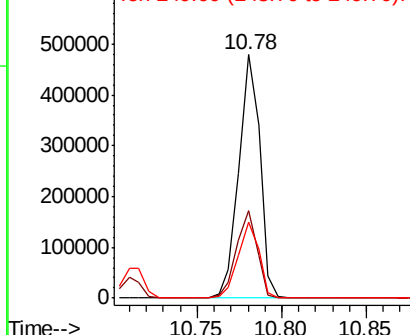


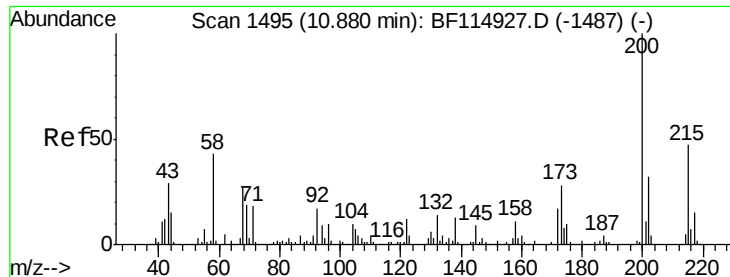
#68
Hexachlorobenzene
Concen: 42.392 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:284 Resp: 416530
Ion Ratio Lower Upper
284 100
142 36.2 29.3 43.9
249 31.3 25.1 37.7



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: 44.094 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

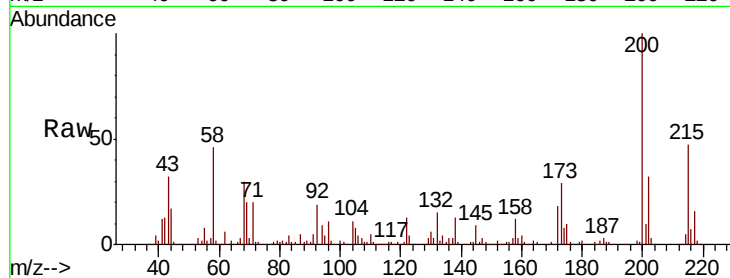
Tot Ion:200 Resp: 362599

Ion Ratio Lower Upper

200 100

173 29.1 8.3 48.3

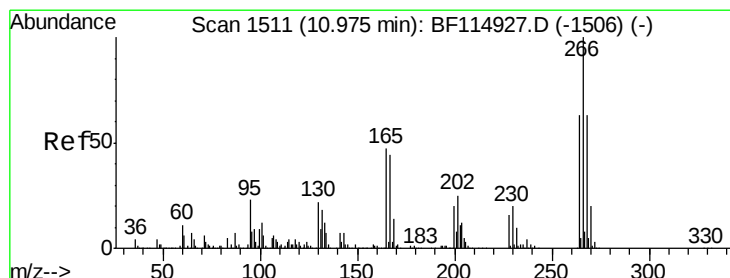
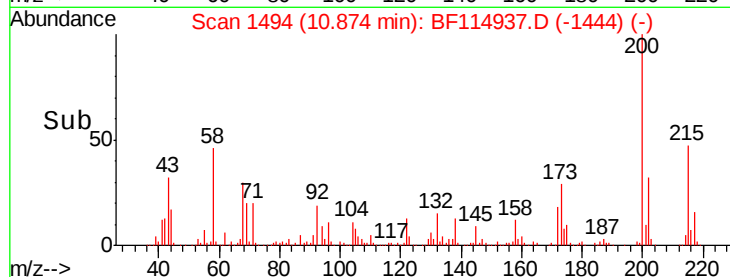
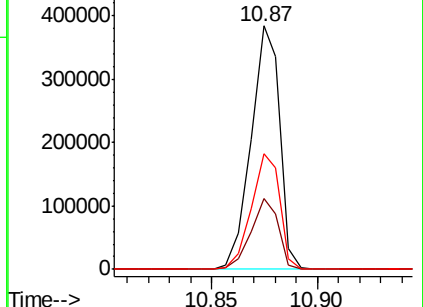
215 47.3 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.600 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

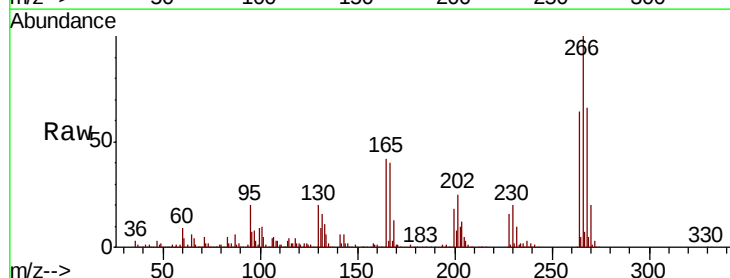
Tgt Ion:266 Resp: 394503

Ion Ratio Lower Upper

266 100

268 65.7 50.8 76.2

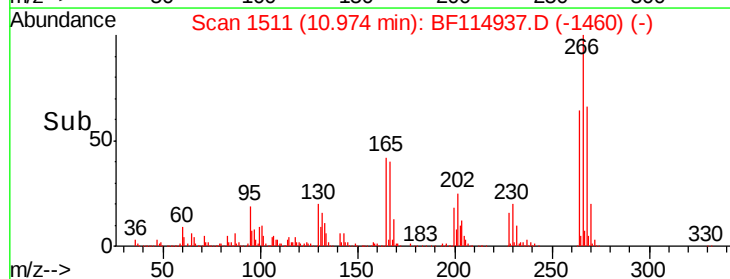
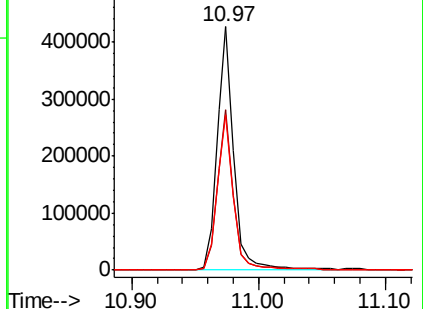
264 63.6 50.4 75.6

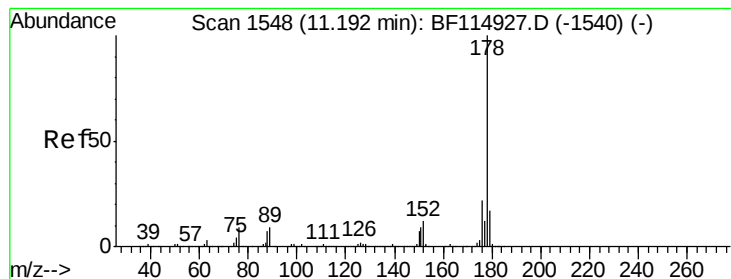


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.571 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

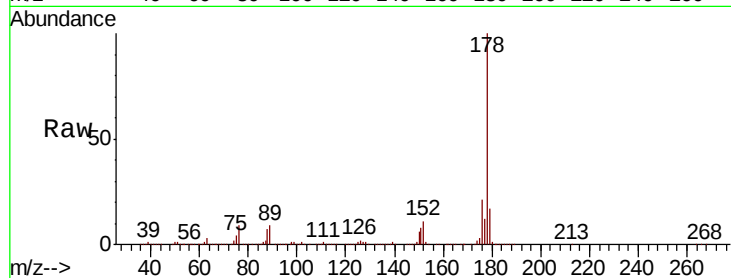
Tot Ion:178 Resp: 1856044

Ion Ratio Lower Upper

178 100

176 20.6 17.4 26.2

179 16.5 13.6 20.4

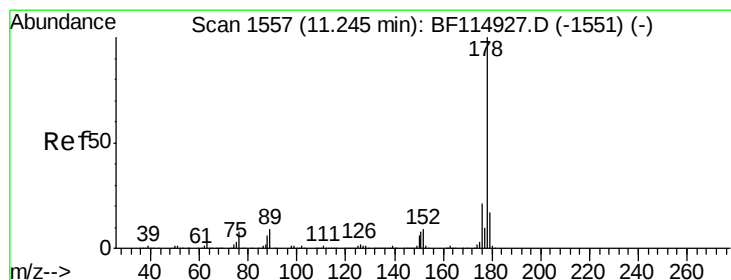
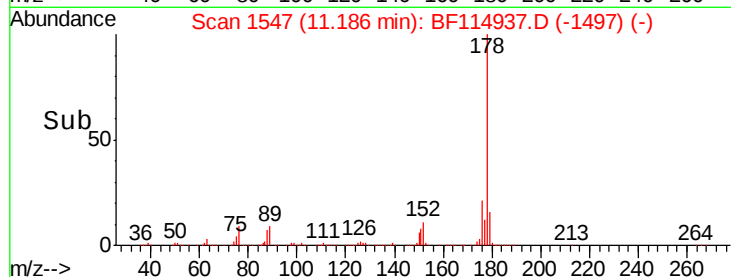
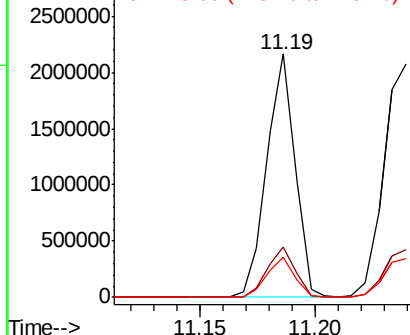


Abundance

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



#72

Anthracene

Concen: 47.839 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

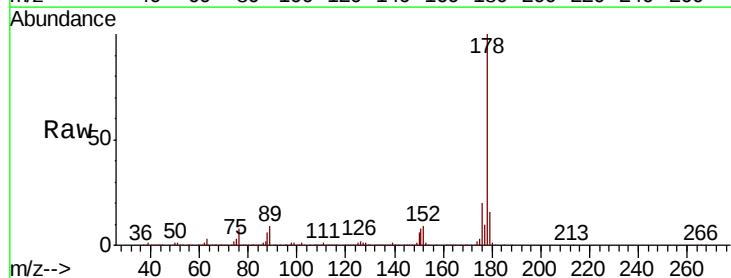
Tgt Ion:178 Resp: 1935155

Ion Ratio Lower Upper

178 100

176 20.4 16.6 25.0

179 16.4 13.4 20.2

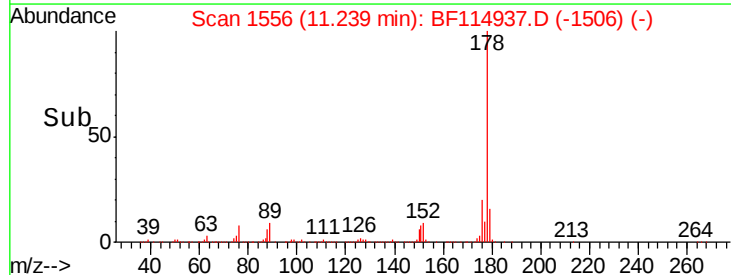
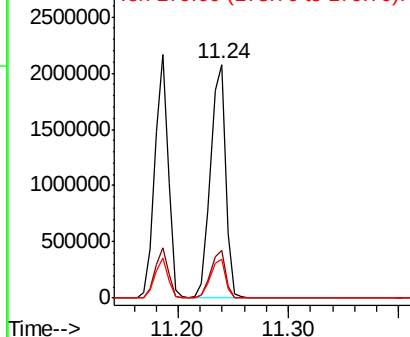


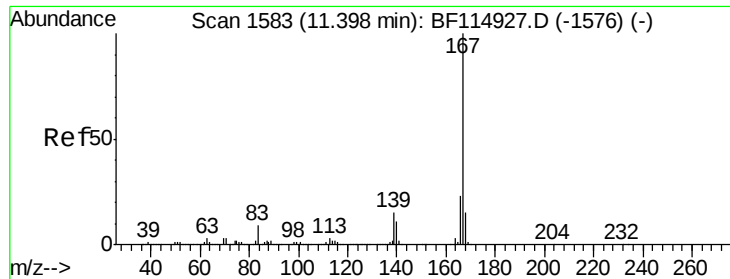
Abundance

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

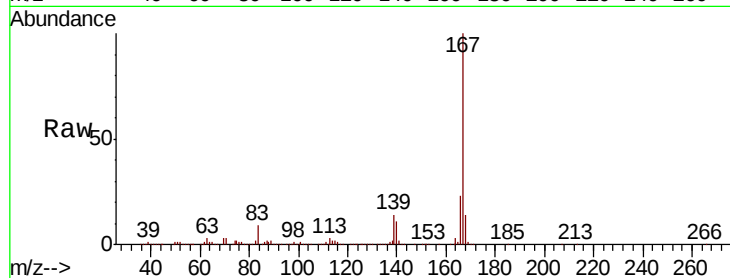




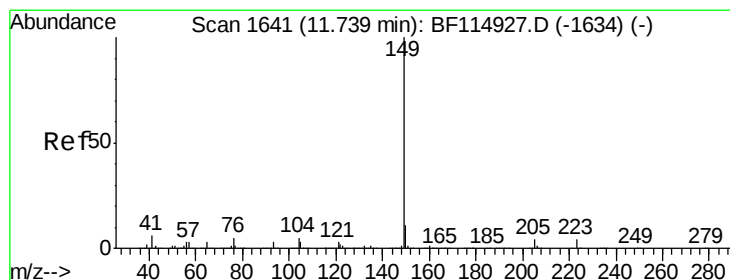
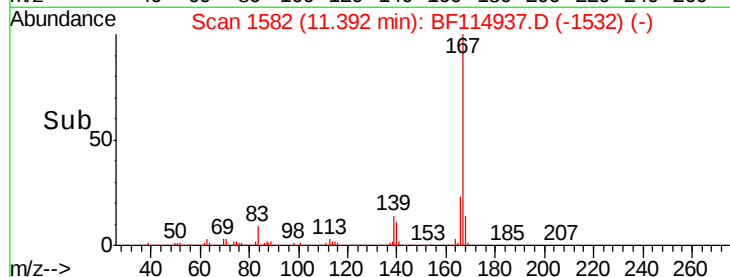
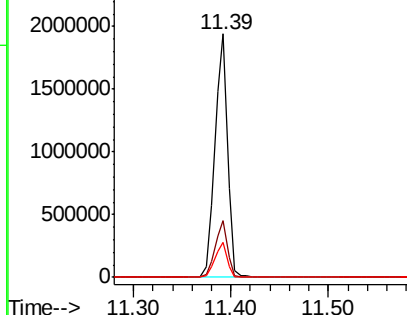
#73
 Carbazole
 Concen: 47.191 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tot Ion:167 Resp: 1738000
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.8 28.2
 139 14.3 11.6 17.4

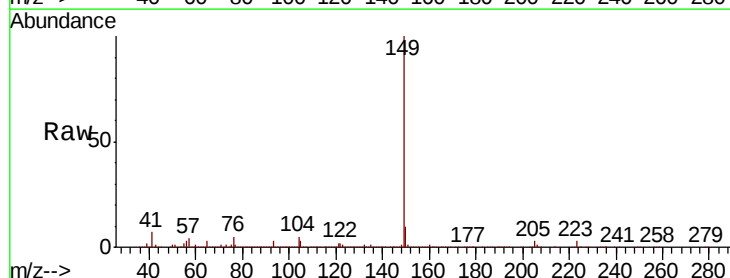


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

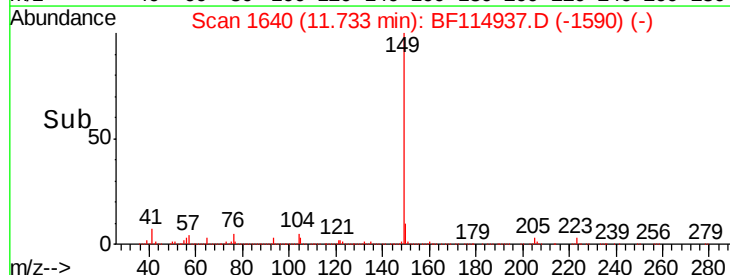
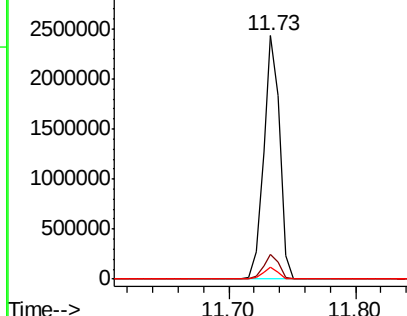


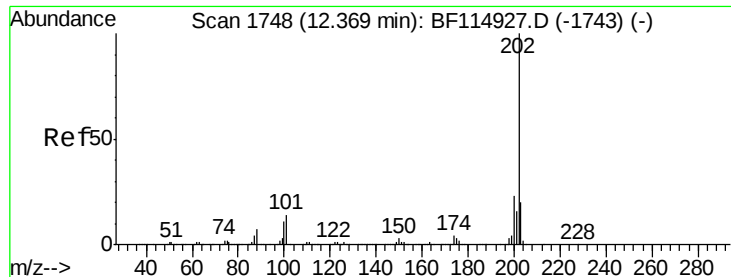
#74
 Di-n-butylphthalate
 Concen: 47.316 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion:149 Resp: 2153602
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.5 12.7
 104 4.8 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.750 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

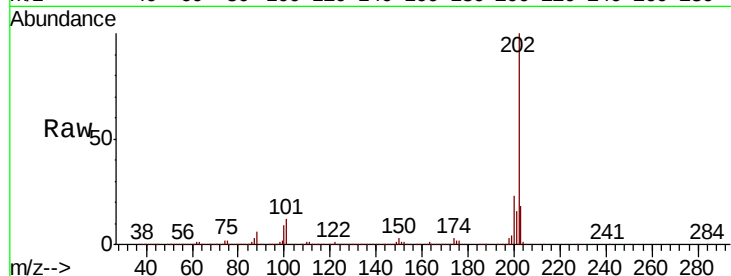
Tot Ion:202 Resp: 1968388

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.3

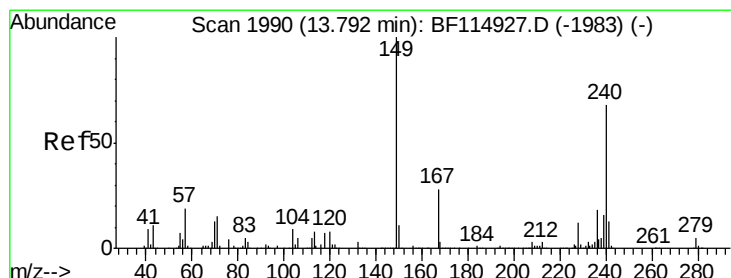
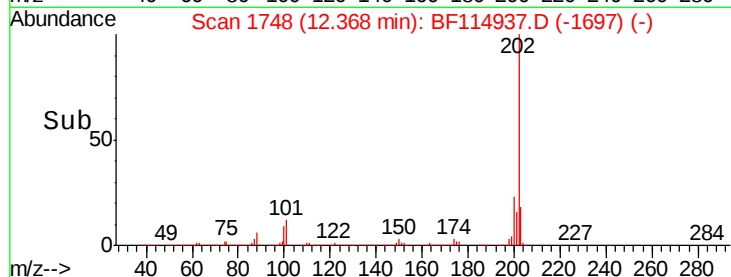
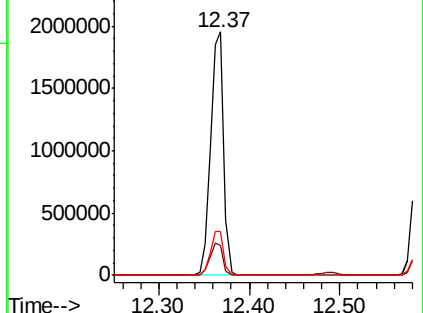
203 18.2 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

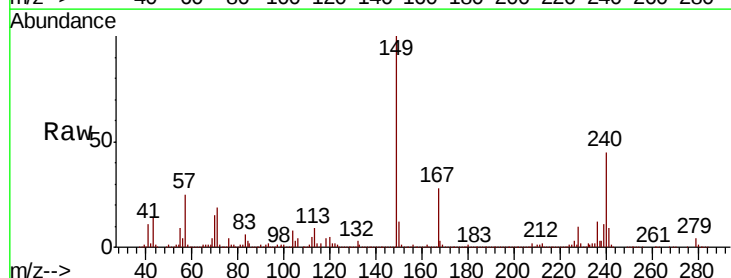
Tgt Ion:240 Resp: 555653

Ion Ratio Lower Upper

240 100

120 10.9 9.2 13.8

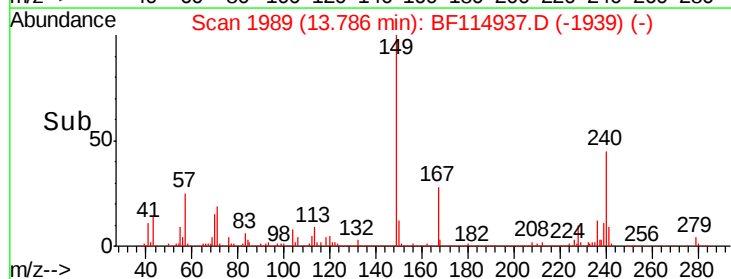
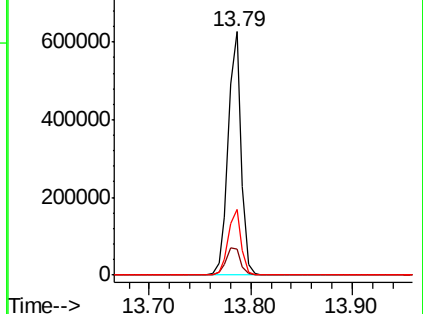
236 26.8 21.7 32.5

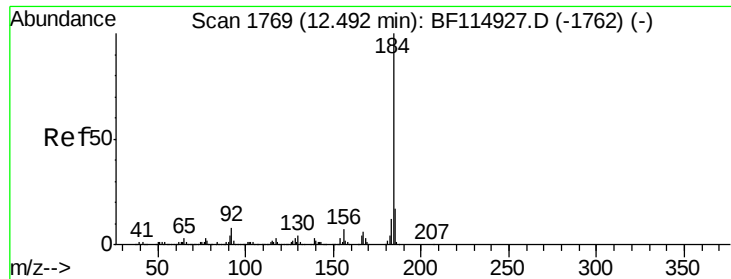


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.520 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

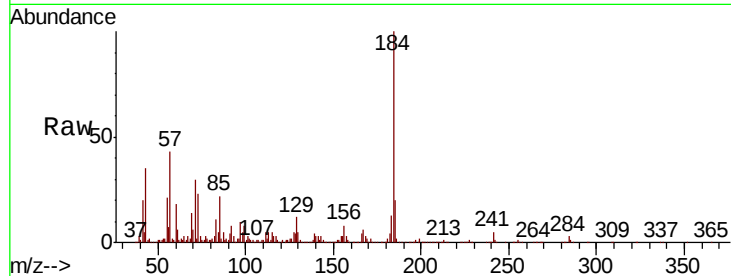
Tot Ion:184 Resp: 863742

Ion Ratio Lower Upper

184 100

185 20.2 13.4 20.0#

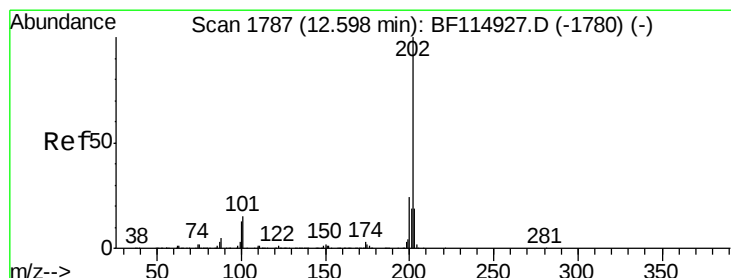
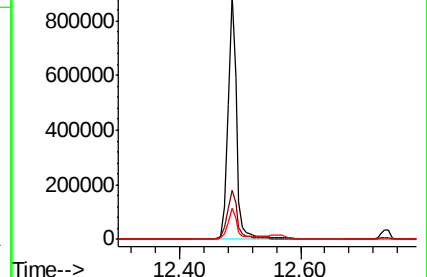
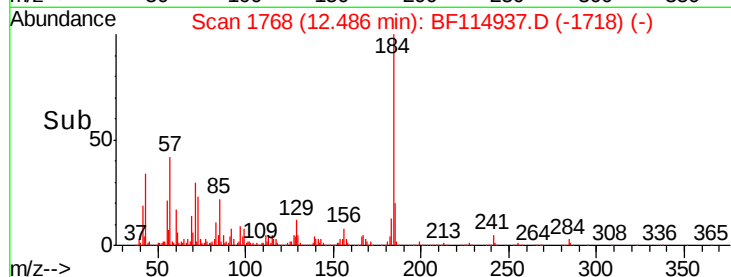
183 12.9 9.8 14.6



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: 40.298 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

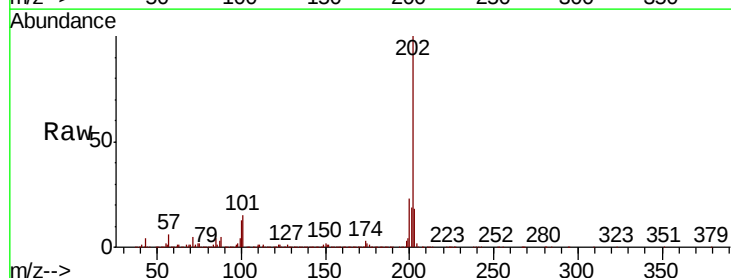
Tgt Ion:202 Resp: 1950137

Ion Ratio Lower Upper

202 100

200 22.8 18.9 28.3

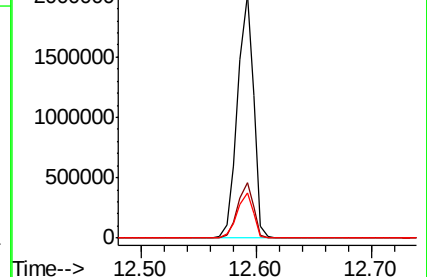
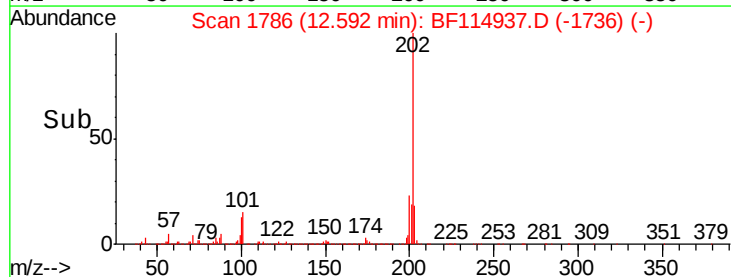
203 18.4 15.2 22.8

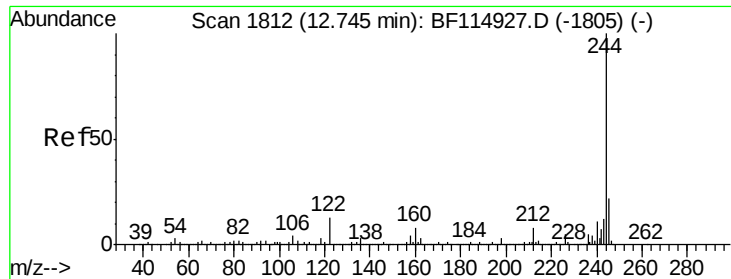


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

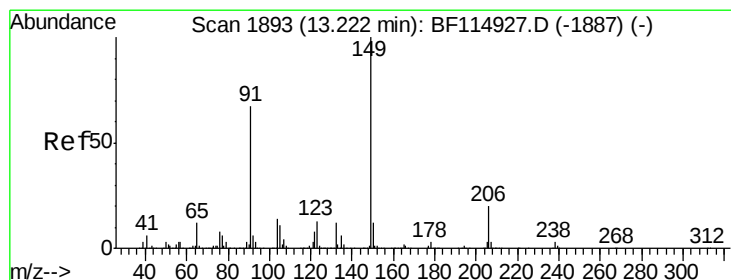
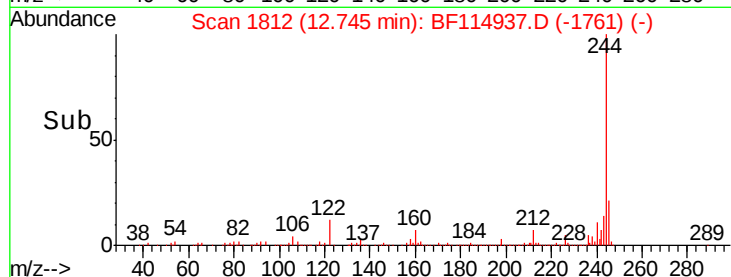
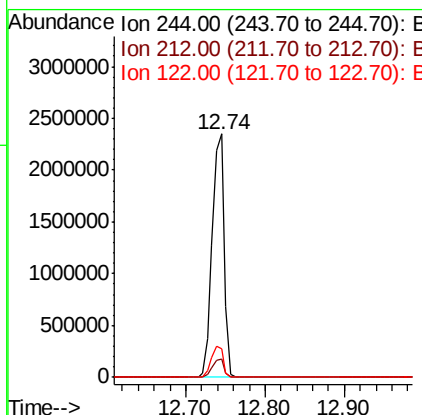
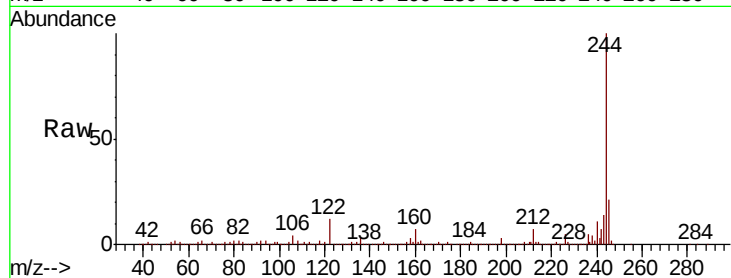




#79
 Terphenyl-d14
 Concen: 88.370 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

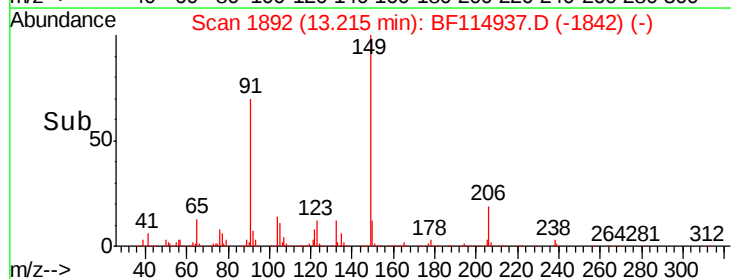
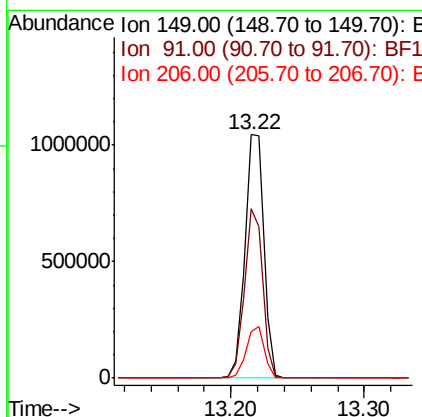
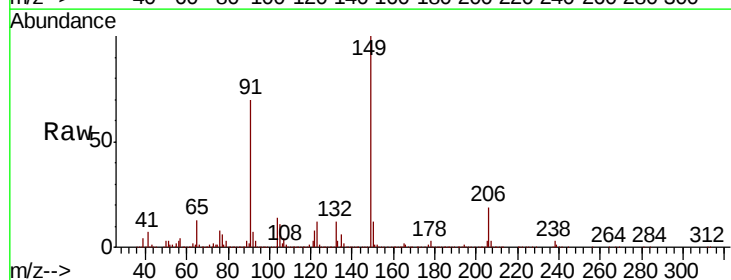
Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

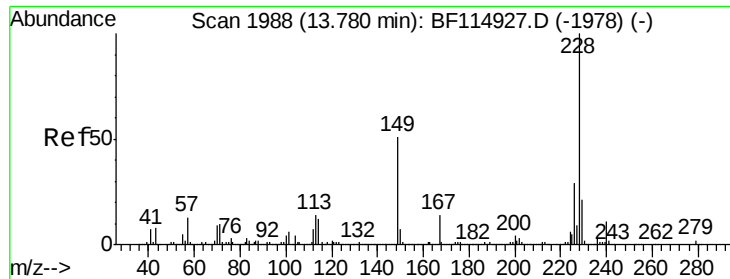
Tot Ion:244 Resp: 2469093
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.6 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 42.630 ng
 RT: 13.22 min Scan# 1892
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion:149 Resp: 1016326
 Ion Ratio Lower Upper
 149 100
 91 69.6 53.8 80.8
 206 19.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 43.638 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

BNA_F

ClientSampleId :

PB120177BS

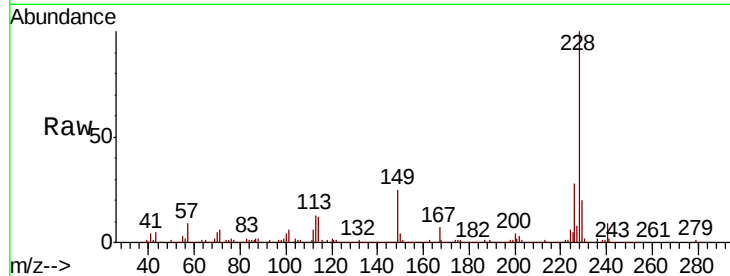
Tot Ion:228 Resp: 1792898

Ion Ratio Lower Upper

228 100

226 28.0 22.8 34.2

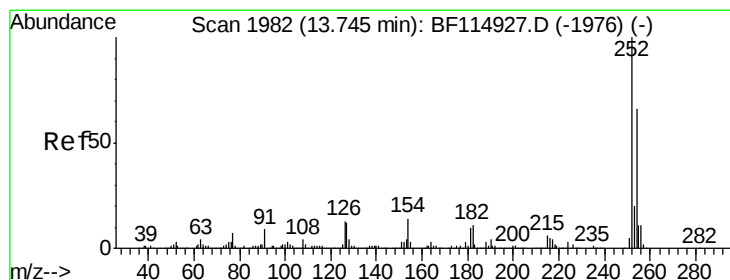
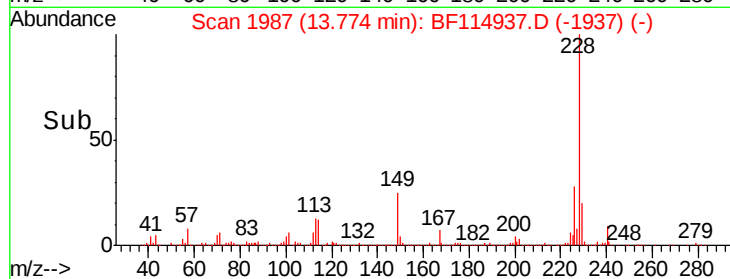
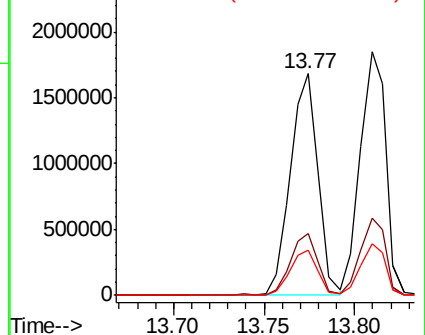
229 20.4 16.6 25.0



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: 26.668 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

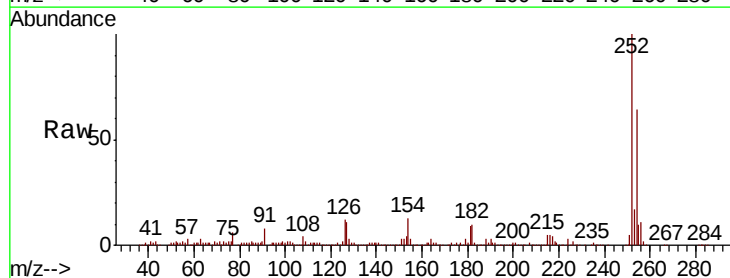
Tgt Ion:252 Resp: 447234

Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

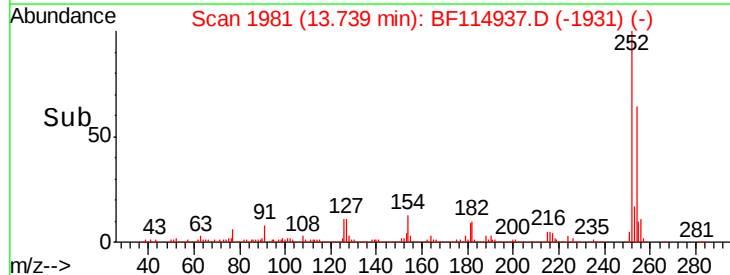
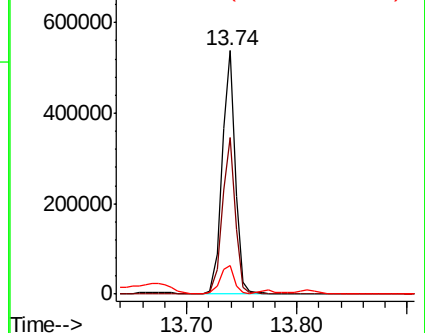
126 11.5 10.4 15.6

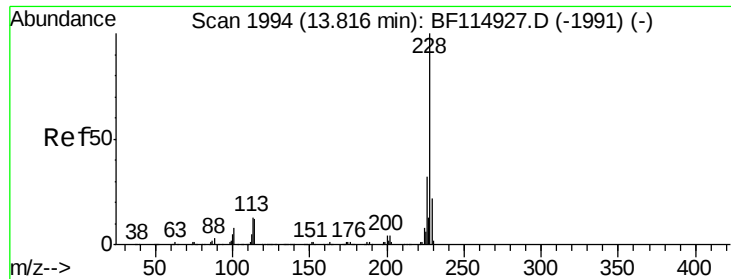


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

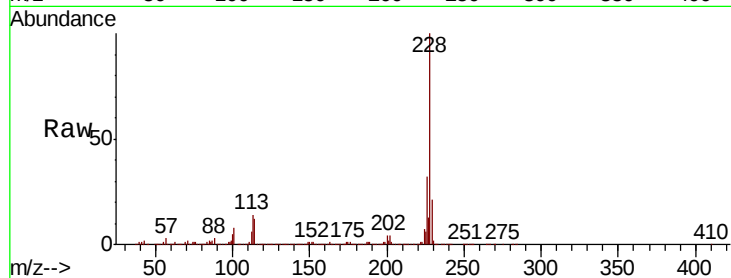




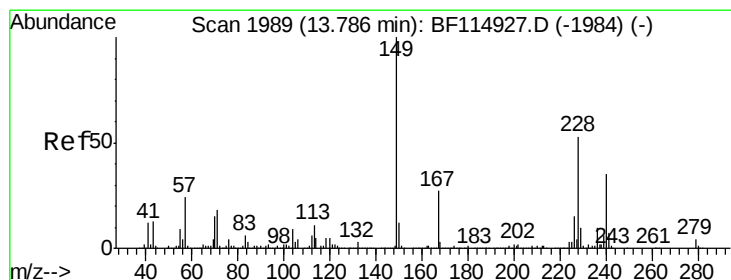
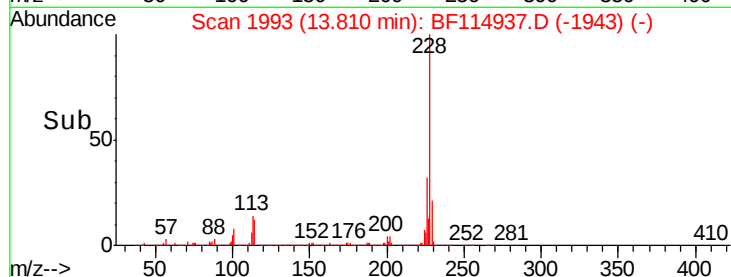
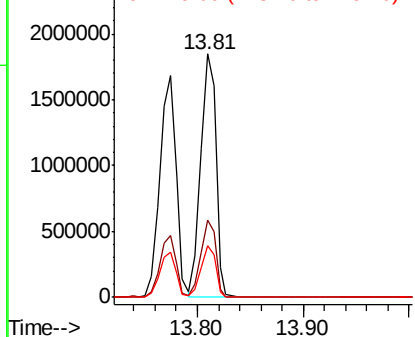
#83
 Chrysene
 Concen: 44.324 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BS

Tot Ion:228 Resp: 1828703
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.8 38.8
 229 21.3 17.2 25.8

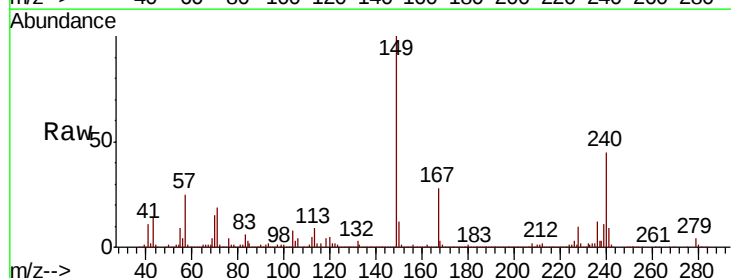


Abundance Ion 228.00 (227.70 to 228.70): E
 2500000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

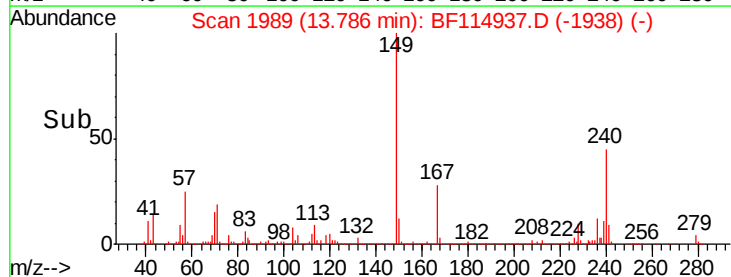
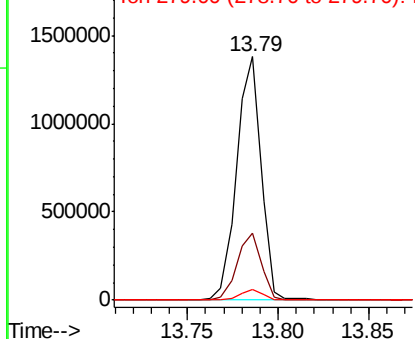


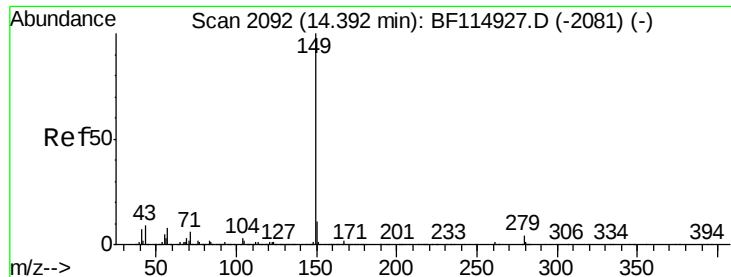
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.221 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF114937.D
 Acq: 11 Jun 2019 11:06

Tgt Ion:149 Resp: 1290551
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.9 32.9
 279 4.2 3.2 4.8



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

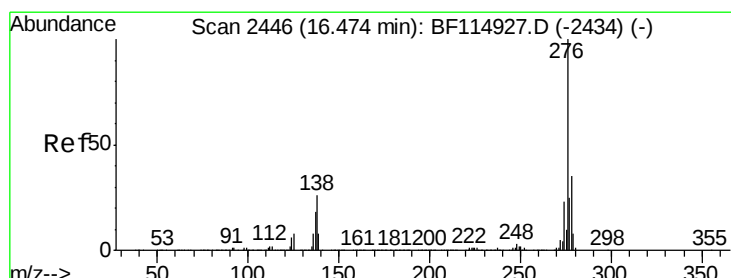
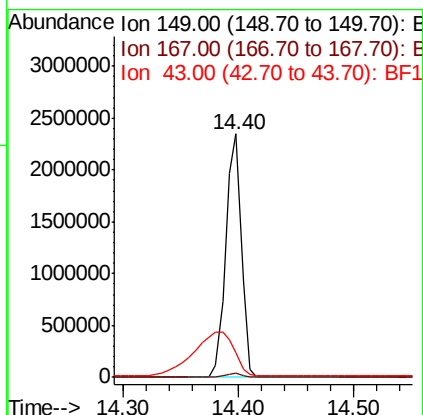
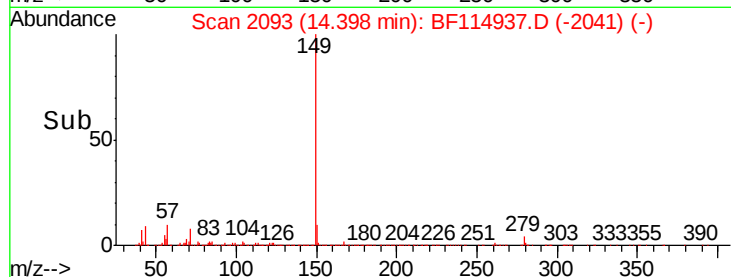
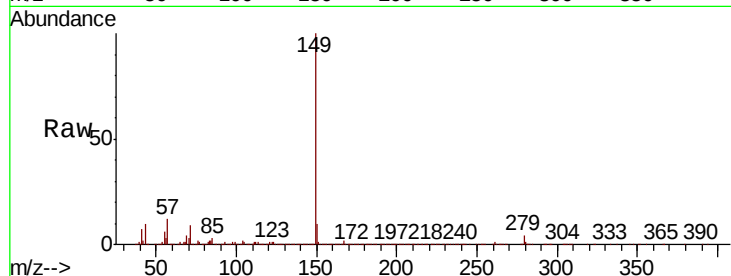




#85
Di-n-octyl phthalate
Concen: 42.875 ng
RT: 14.40 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

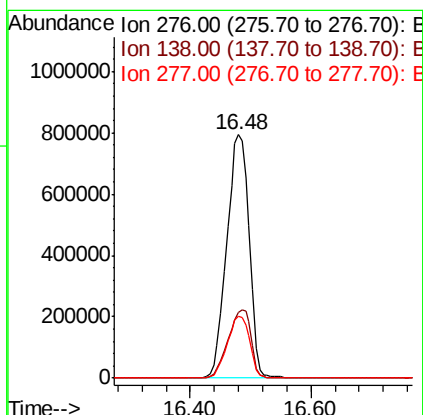
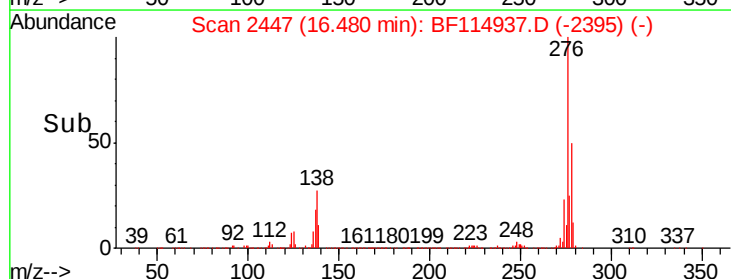
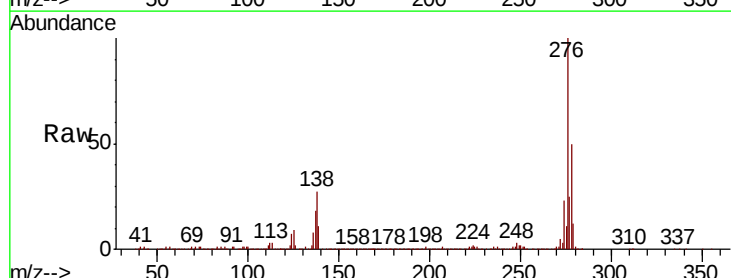
Instrument :
BNA_F
ClientSampleId :
PB120177BS

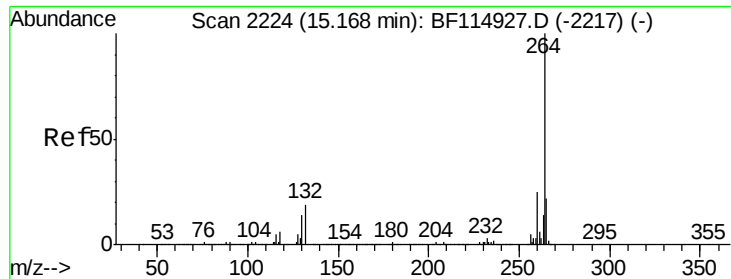
Tot Ion:149 Resp: 2186842
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 47.5 6.8 10.2#



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.903 ng
RT: 16.48 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:276 Resp: 2051950
Ion Ratio Lower Upper
276 100
138 28.5 23.3 34.9
277 25.4 20.5 30.7



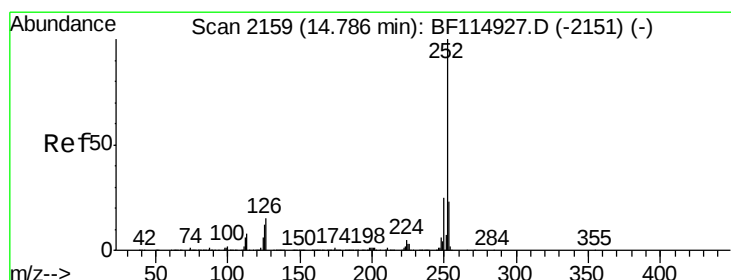
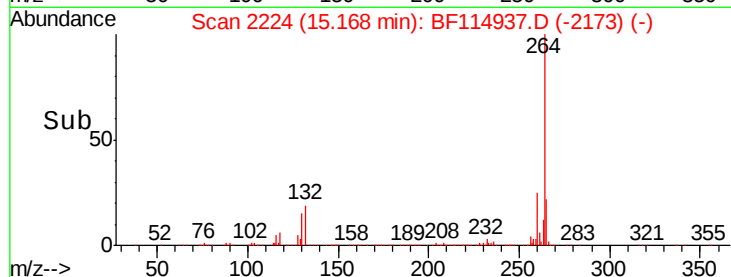
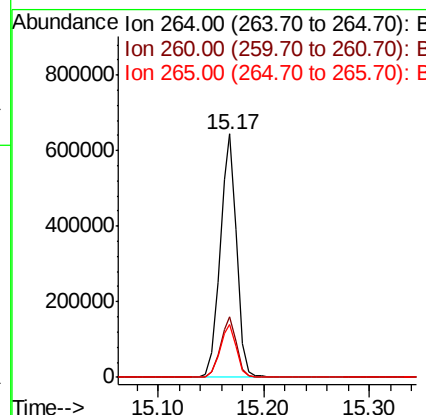
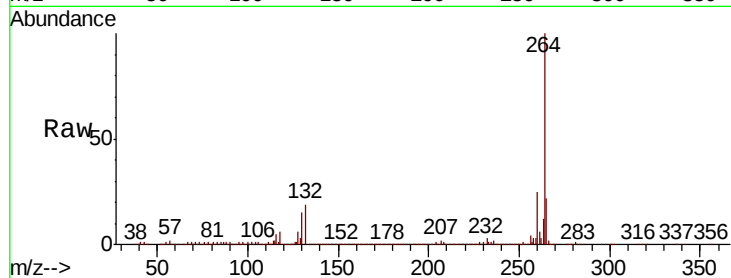


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Instrument :
BNA_F
ClientSampleId :
PB120177BS

Tot Ion:264 Resp: 710267

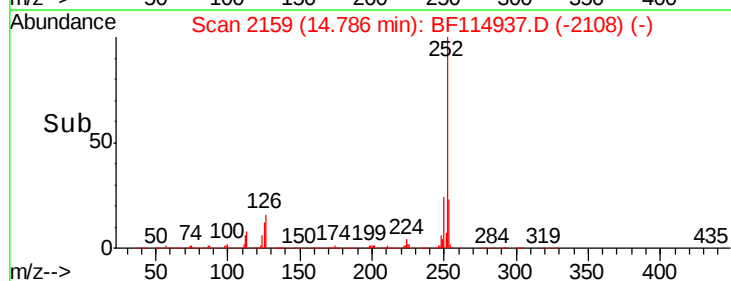
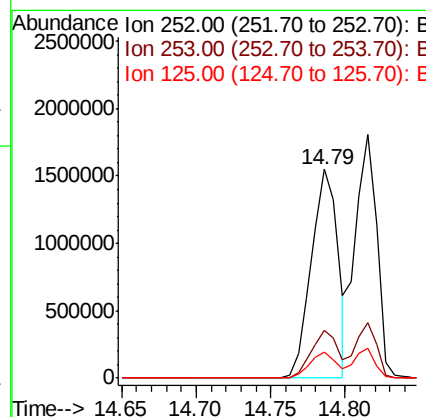
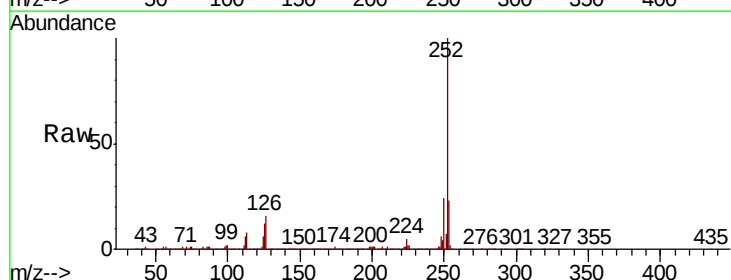
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.0	17.5	26.3

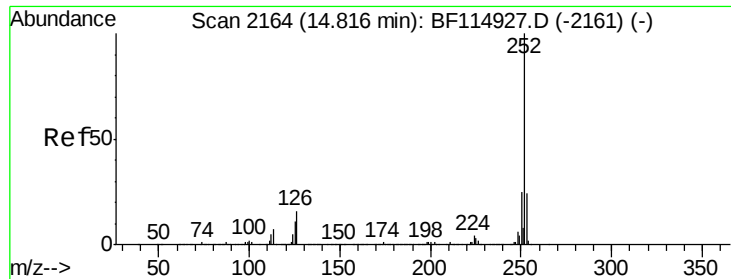


#88
Benzo(b)fluoranthene
Concen: 41.275 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:252 Resp: 1908582

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	12.2	9.5	14.3

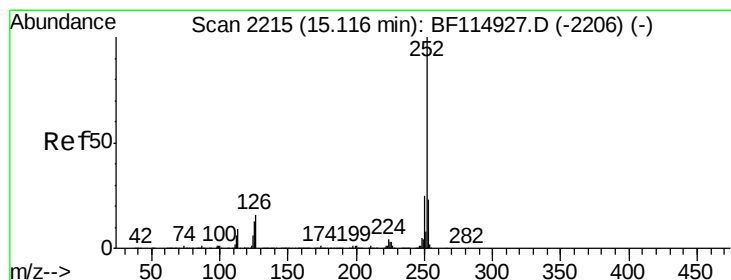
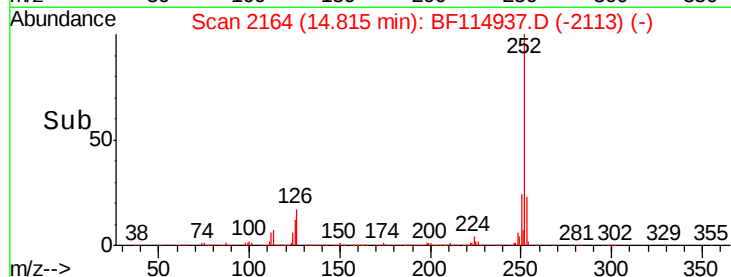
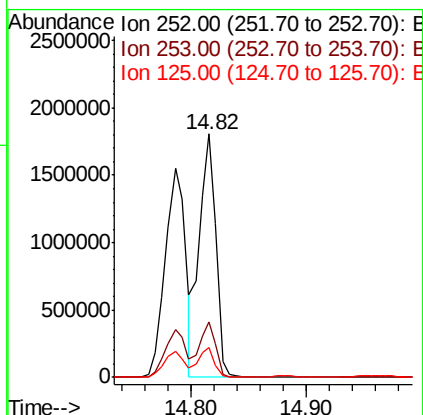
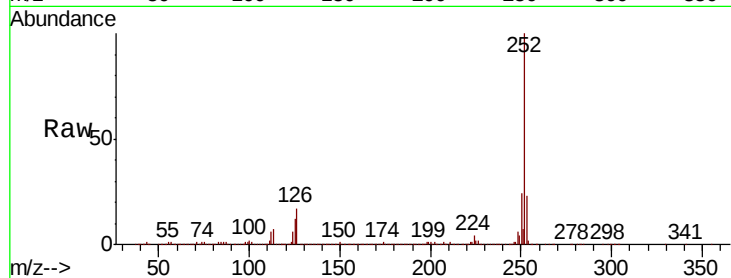




#89
Benzo(k)fluoranthene
Concen: 45.664 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

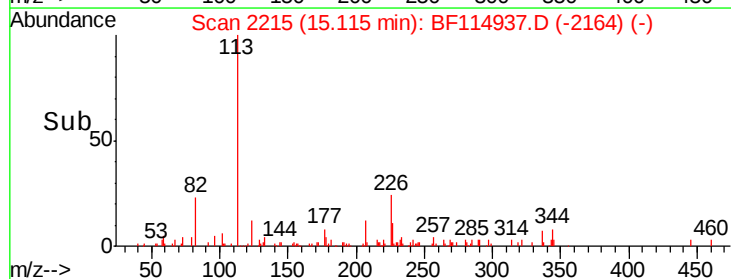
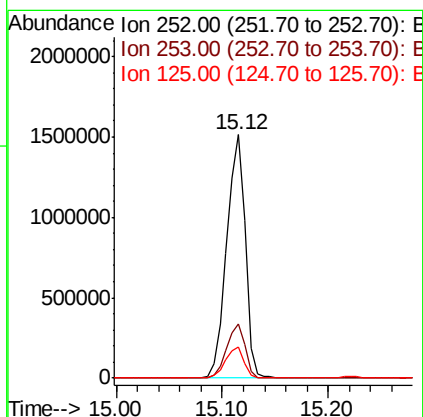
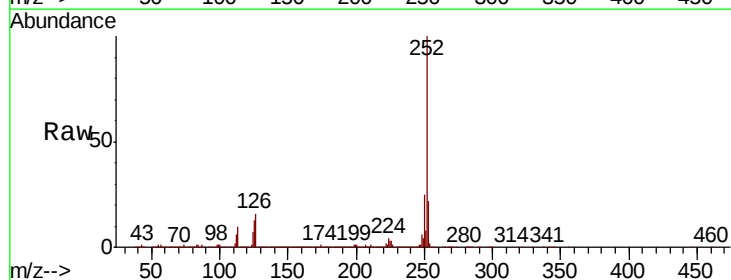
Instrument :
BNA_F
ClientSampleId :
PB120177BS

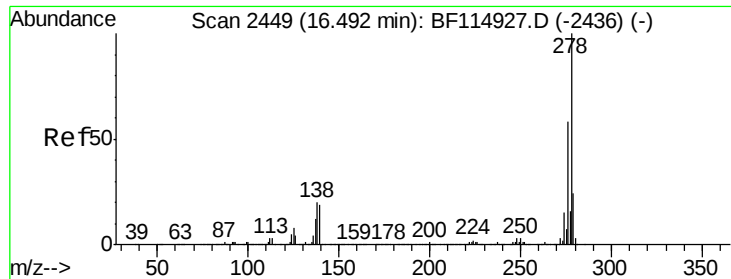
Tot Ion:252 Resp: 1832503
Ion Ratio Lower Upper
252 100
253 23.0 18.6 28.0
125 12.1 9.2 13.8



#90
Benzo(a)pyrene
Concen: 45.818 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF114937.D
Acq: 11 Jun 2019 11:06

Tgt Ion:252 Resp: 1840213
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 13.0 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 49.265 ng

RT: 16.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Instrument :

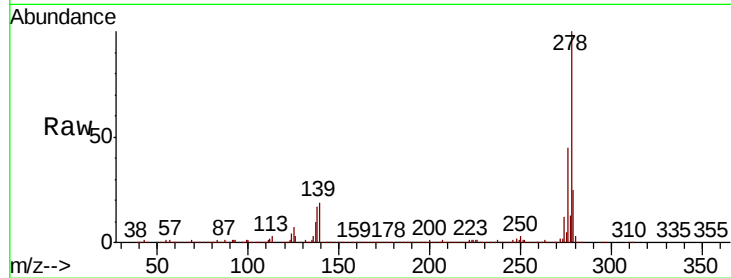
BNA_F

ClientSampled :

PB120177BS

Tot Ion:278 Resp: 1671360

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.1	22.7
279	24.9	19.6	29.4

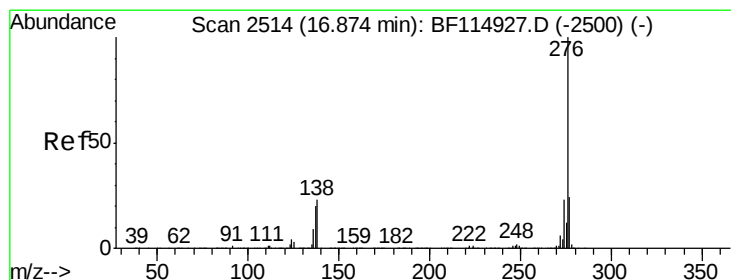
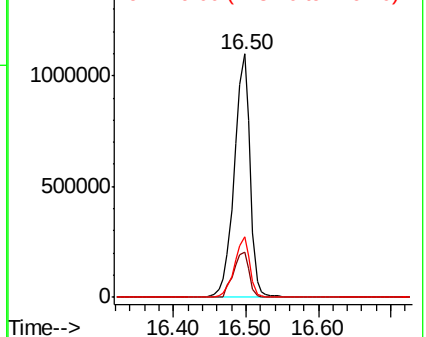
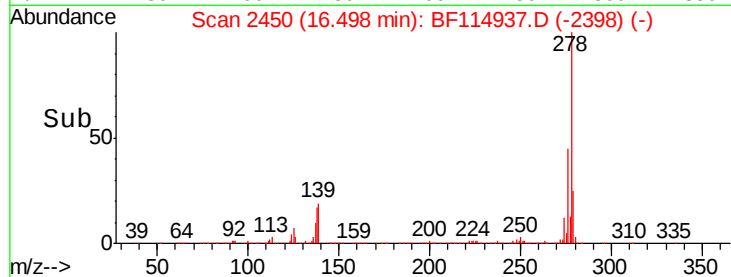


Abundance

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: 51.006 ng

RT: 16.87 min Scan# 2514

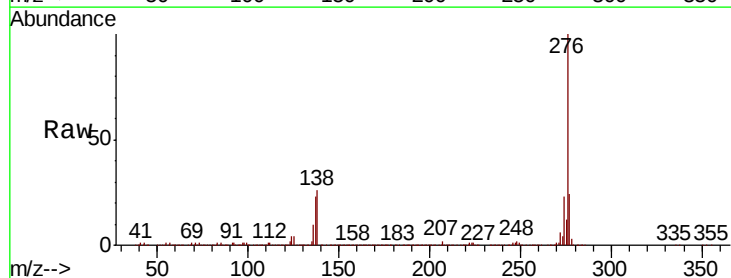
Delta R.T. -0.00 min

Lab File: BF114937.D

Acq: 11 Jun 2019 11:06

Tgt Ion:276 Resp: 1724886

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	26.0	18.7	28.1



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

