

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114533.D
 Acq On : 23 May 2019 19:44
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:18:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	164183	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	677184	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	325568	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	660480	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	479483	20.00	ng	-0.02
87) Perylene-d12	15.44	264	495348	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	808265	79.22	ng	-0.03
7) Phenol-d6	6.46	99	1013867	84.02	ng	-0.02
23) Nitrobenzene-d5	7.38	82	966335	80.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	262870	78.10	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1700511	79.01	ng	-0.02
79) Terphenyl-d14	12.92	244	1807018	77.69	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.55	88	186946	33.337	ng	99
3) Pyridine	3.30	79	538688	34.865	ng	99
4) n-Nitrosodimethylamine	3.26	42	261187	35.055	ng	98
6) Aniline	6.48	93	716041	41.080	ng	# 84
8) 2-Chlorophenol	6.60	128	460902	42.317	ng	98
9) Benzaldehyde	6.37	77	299961	35.509	ng	98
10) Phenol	6.47	94	591154	41.646	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	452228	41.964	ng	99
12) 1,3-Dichlorobenzene	6.76	146	515094	42.131	ng	99
13) 1,4-Dichlorobenzene	6.83	146	517993	42.046	ng	96
14) 1,2-Dichlorobenzene	6.99	146	479981	42.644	ng	98
15) Benzyl Alcohol	6.96	79	380885	40.471	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	837249	40.069	ng	73
17) 2-Methylphenol	7.08	107	366183	40.928	ng	# 93
18) Hexachloroethane	7.32	117	191120	41.329	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	314099	41.067	ng	99
20) 3+4-Methylphenols	7.23	107	462727	44.763	ng	# 79
22) Acetophenone	7.23	105	616937	41.124	ng	# 94
24) Nitrobenzene	7.40	77	496233	40.377	ng	99
25) Isophorone	7.64	82	895481	40.015	ng	99
26) 2-Nitrophenol	7.72	139	248254	41.635	ng	99
27) 2,4-Dimethylphenol	7.76	122	366554	39.141	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	590531	40.669	ng	99
29) 2,4-Dichlorophenol	7.96	162	387968	41.604	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	427867	40.350	ng	98
31) Naphthalene	8.12	128	1323857	41.851	ng	99
32) Benzoic acid	7.90	122	258640	40.089	ng	99
33) 4-Chloroaniline	8.17	127	606224	42.056	ng	98
34) Hexachlorobutadiene	8.23	225	248872	41.248	ng	98
35) Caprolactam	8.55	113	132787	43.670	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	403021	42.936	ng	98
37) 2-Methylnaphthalene	8.81	142	883852	43.307	ng	97
38) 1-Methylnaphthalene	8.91	142	820254	42.678	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	403368	40.901	ng	98

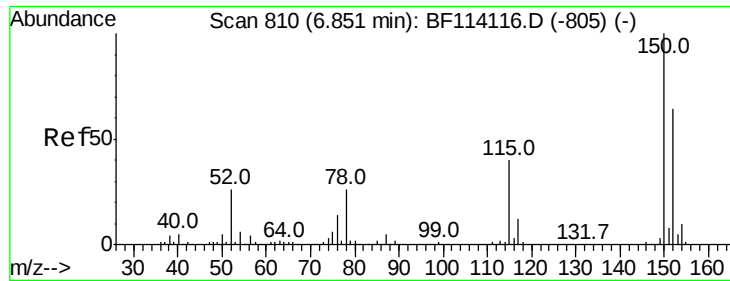
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114533.D
 Acq On : 23 May 2019 19:44
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:18:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	160428	37.353	ng	97
43) 2,4,6-Trichlorophenol	9.10	196	263122	38.789	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	268640	38.616	ng	98
46) 1,1'-Biphenyl	9.27	154	1086109	41.295	ng	97
47) 2-Chloronaphthalene	9.30	162	855974	40.439	ng	99
48) 2-Nitroaniline	9.40	65	307711	40.990	ng	96
49) Acenaphthylene	9.72	152	1317823	40.934	ng	98
50) Dimethylphthalate	9.57	163	987956	41.338	ng	99
51) 2,6-Dinitrotoluene	9.64	165	217797	41.086	ng	98
52) Acenaphthene	9.89	154	787444	39.859	ng	99
53) 3-Nitroaniline	9.82	138	275580	41.880	ng	98
54) 2,4-Dinitrophenol	9.93	184	80787	34.498	ng	99
55) Dibenzofuran	10.06	168	1119138	38.633	ng	98
56) 4-Nitrophenol	9.99	139	166816	35.847	ng	93
57) 2,4-Dinitrotoluene	10.05	165	270812	37.639	ng	# 79
58) Fluorene	10.40	166	935860	41.825	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	224745	37.441	ng	99
60) Diethylphthalate	10.27	149	986822	40.637	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	458151	41.688	ng	98
62) 4-Nitroaniline	10.43	138	283151	40.949	ng	97
63) Azobenzene	10.55	77	929267	39.534	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	136703	43.074	ng	89
66) n-Nitrosodiphenylamine	10.51	169	822702	41.041	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	290378	39.930	ng	95
68) Hexachlorobenzene	10.96	284	316593	39.353	ng	97
69) Atrazine	11.04	200	251249	40.276	ng	98
70) Pentachlorophenol	11.16	266	129014	33.830	ng	98
71) Phenanthrene	11.36	178	1339821	41.696	ng	99
72) Anthracene	11.42	178	1351285	41.868	ng	99
73) Carbazole	11.57	167	1291496	41.963	ng	99
74) Di-n-butylphthalate	11.89	149	1550345	43.724	ng	99
75) Fluoranthene	12.55	202	1457236	42.113	ng	98
77) Benzidine	12.67	184	986544	45.836	ng	97
78) Pyrene	12.78	202	1479553	38.358	ng	99
80) Butylbenzylphthalate	13.39	149	680593	41.920	ng	97
81) Benzo(a)anthracene	13.97	228	1303134	42.019	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	498736	41.455	ng	# 97
83) Chrysene	14.01	228	1239125	40.759	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	925253	43.575	ng	99
85) Di-n-octyl phthalate	14.56	149	1517649	44.091	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	1095618	40.778	ng	100
88) Benzo(b)fluoranthene	15.02	252	1242114	39.140	ng	100
89) Benzo(k)fluoranthene	15.05	252	1204797	41.329	ng	99
90) Benzo(a)pyrene	15.39	252	1143375	40.938	ng	99
91) Dibenzo(a,h)anthracene	16.92	278	905012	38.996	ng	98
92) Benzo(g,h,i)perylene	17.36	276	870063	37.409	ng	99

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

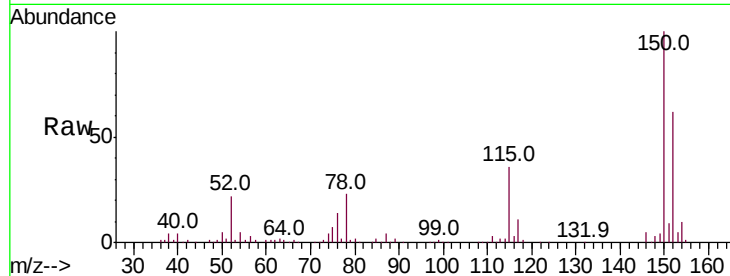


#1

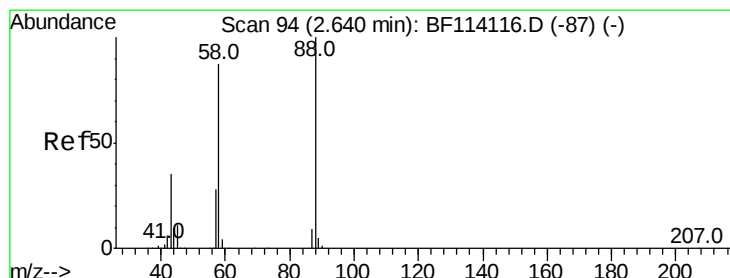
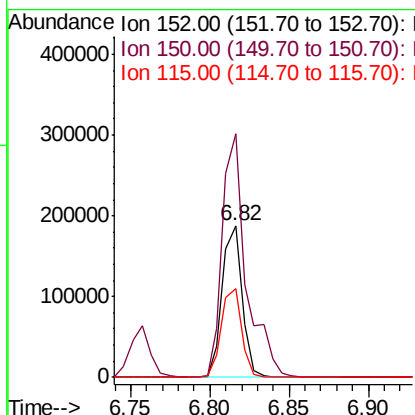
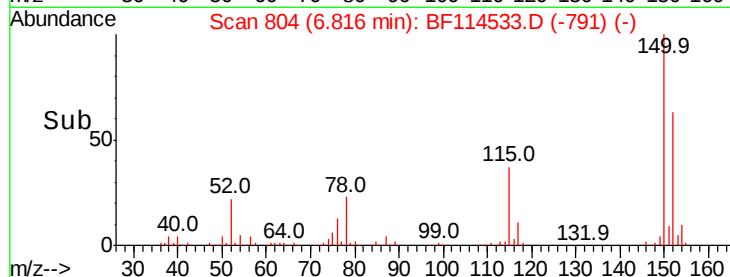
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 164183
Ion Ratio Lower Upper
152 100
150 160.3 124.3 186.5
115 58.4 49.1 73.7



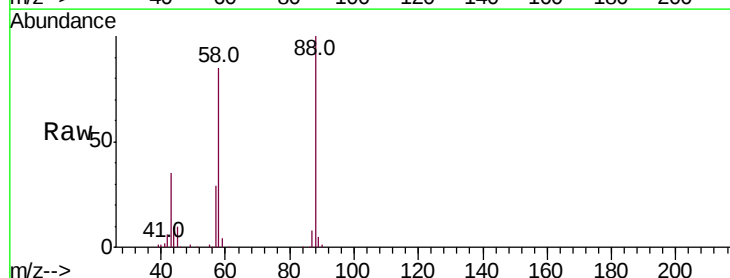
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



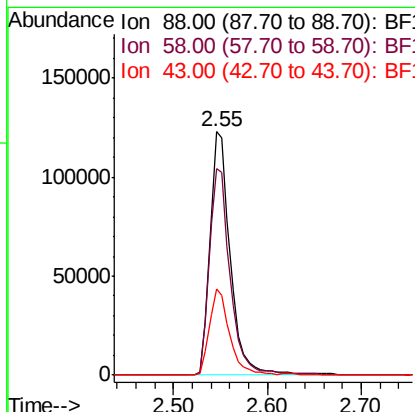
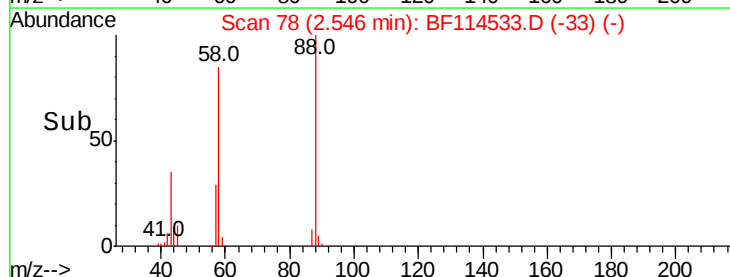
#2

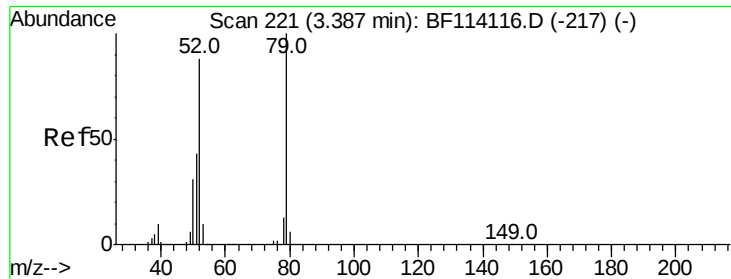
1,4-Dioxane
Concen: 33.337 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.04 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion: 88 Resp: 186946
Ion Ratio Lower Upper
88 100
58 87.1 68.7 103.1
43 34.9 28.2 42.2



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





#3

Pvridine

Concen: 34.865 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.04 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

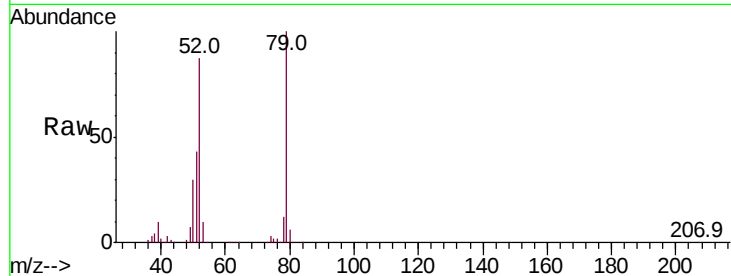
Tot Ion: 79 Resp: 538688

Ion Ratio Lower Upper

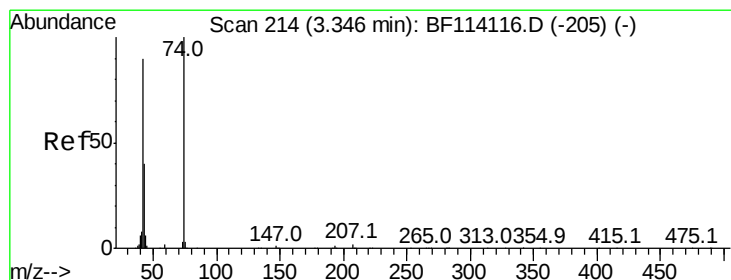
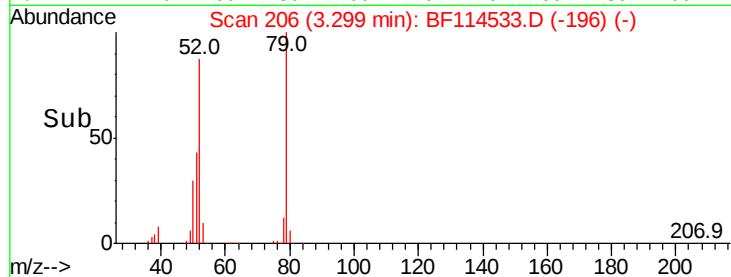
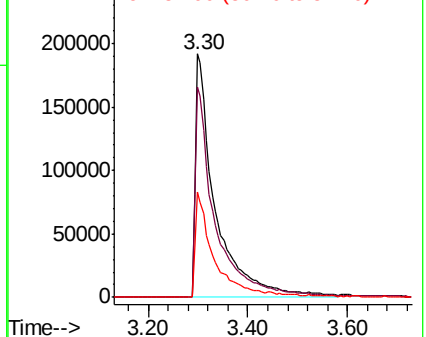
79 100

52 86.6 70.6 105.8

51 43.3 34.2 51.2



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



#4

n-Nitrosodimethylamine

Concen: 35.055 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.04 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

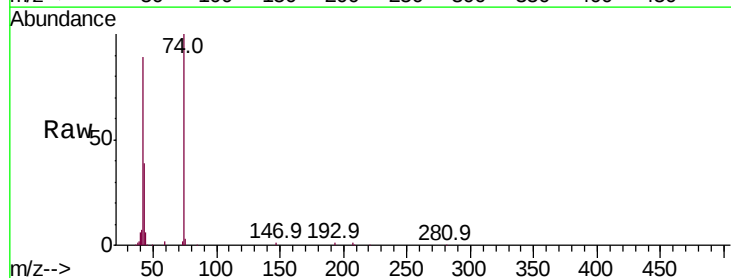
Tgt Ion: 42 Resp: 261187

Ion Ratio Lower Upper

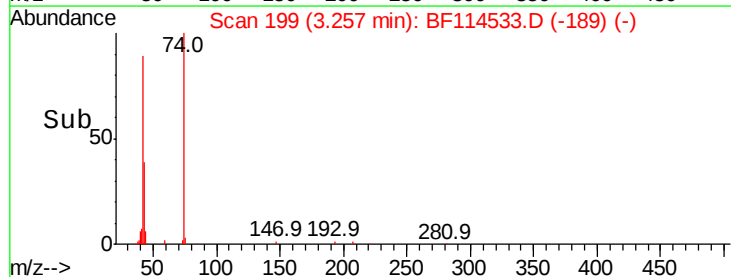
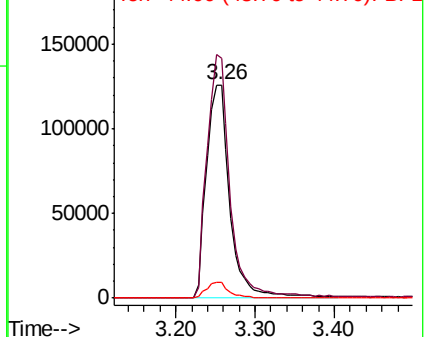
42 100

74 112.4 88.6 132.8

44 7.2 5.5 8.3



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





#5

2-Fluorophenol

Concen: 79.223 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

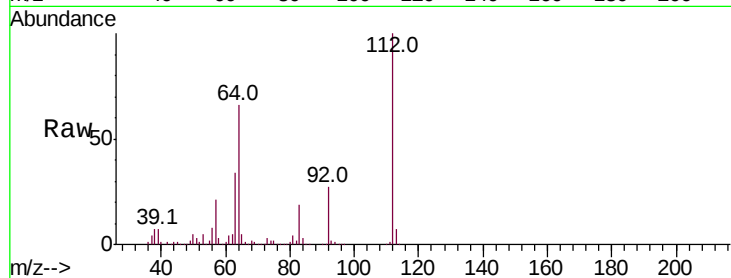
Tot Ion:112 Resp: 808265

Ion Ratio Lower Upper

112 100

64 65.6 49.0 73.6

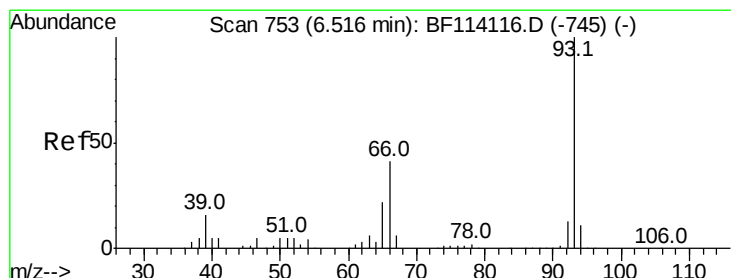
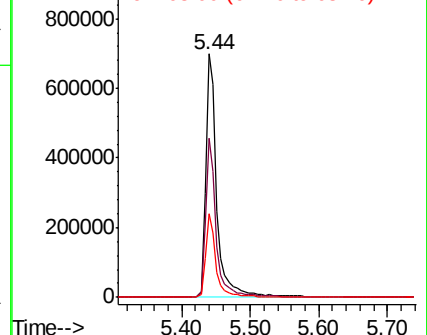
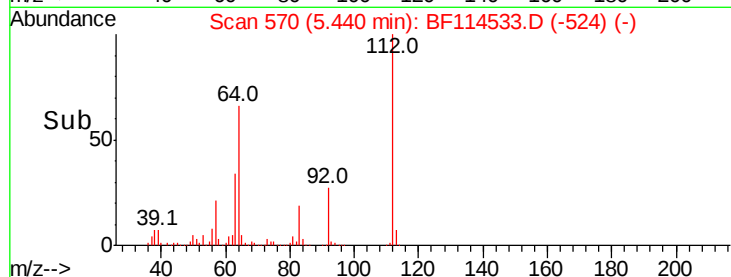
63 34.3 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.080 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

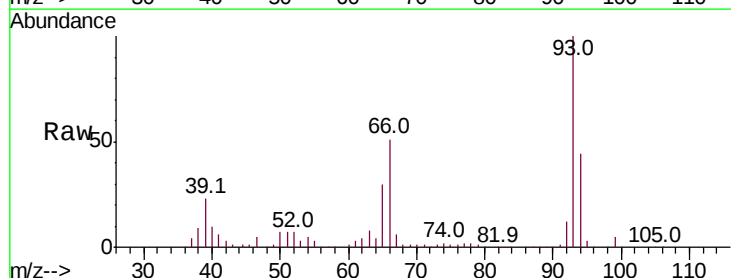
Tgt Ion: 93 Resp: 716041

Ion Ratio Lower Upper

93 100

66 51.4 33.2 49.8#

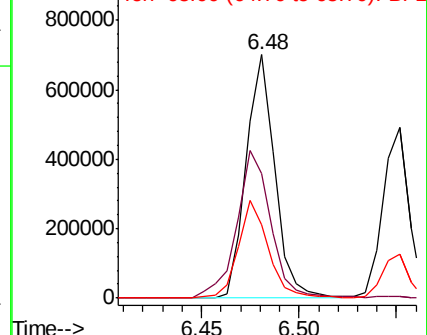
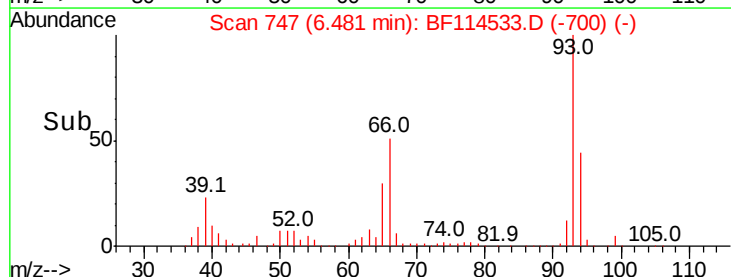
65 30.2 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.022 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

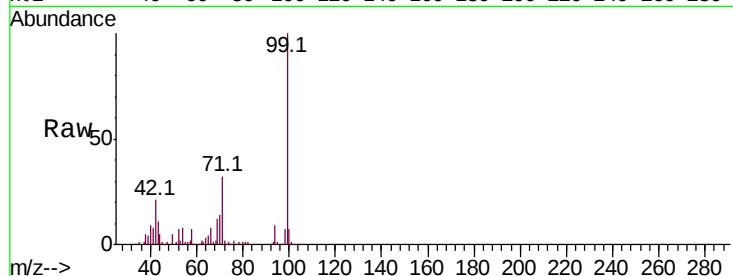
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1013867

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.9	26.9
71	32.0	26.2	39.2

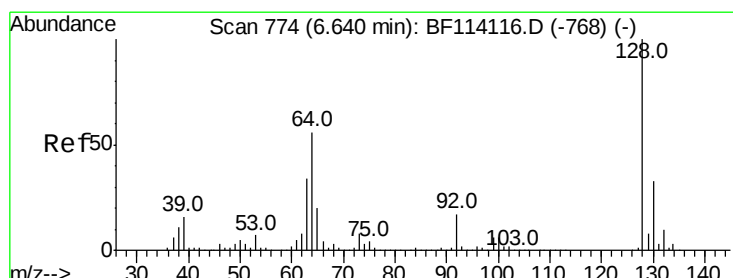
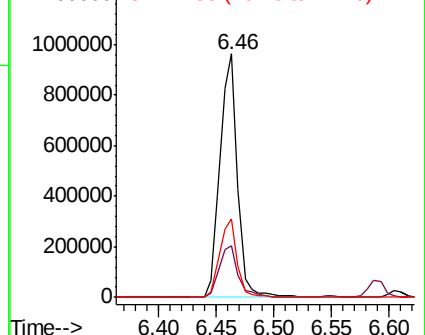
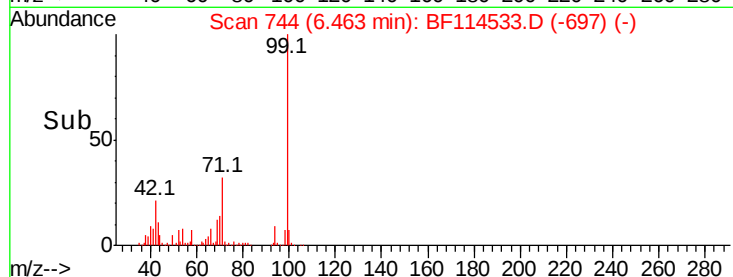


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.317 ng

RT: 6.60 min Scan# 768

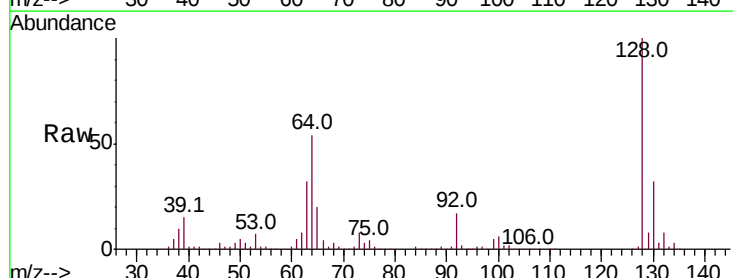
Delta R.T. -0.03 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Tgt Ion: 128 Resp: 460902

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	53.6	35.9	75.9

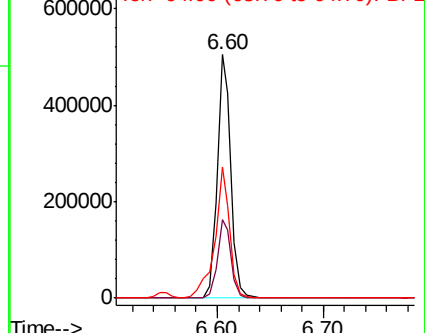
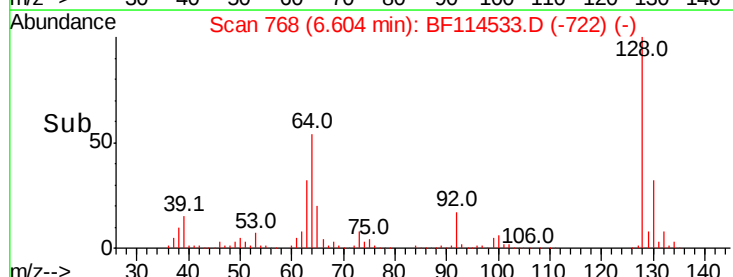


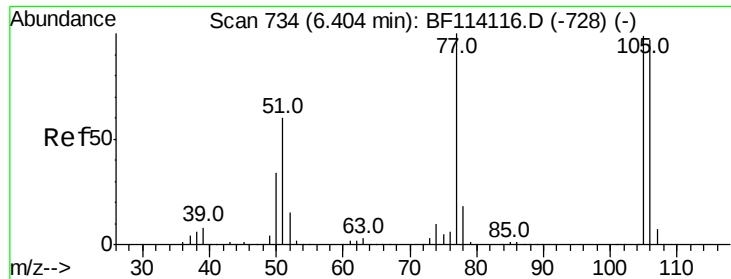
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.509 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

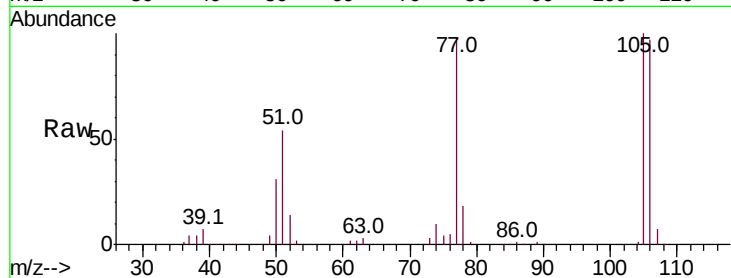
Tot Ion: 77 Resp: 299961

Ion Ratio Lower Upper

77 100

105 101.9 79.3 119.3

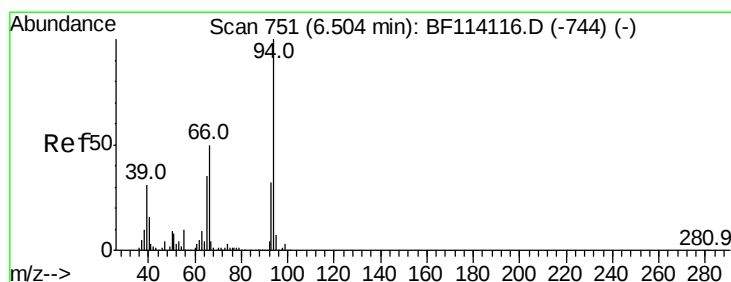
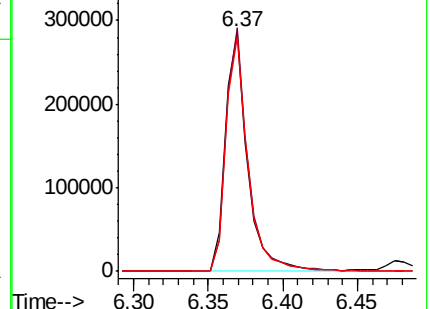
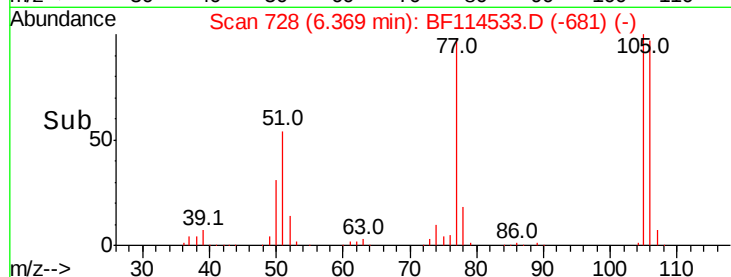
106 98.5 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.646 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

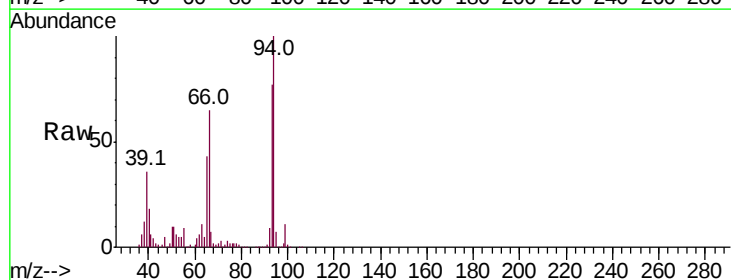
Tgt Ion: 94 Resp: 591154

Ion Ratio Lower Upper

94 100

65 43.0 14.7 54.7

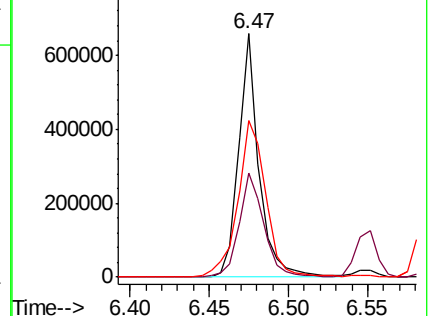
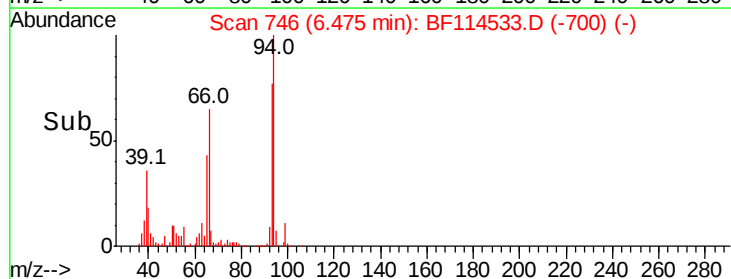
66 64.5 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

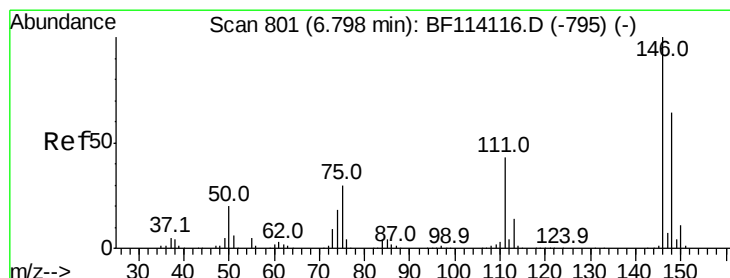
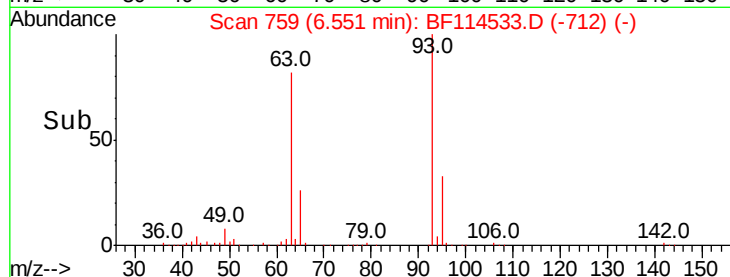
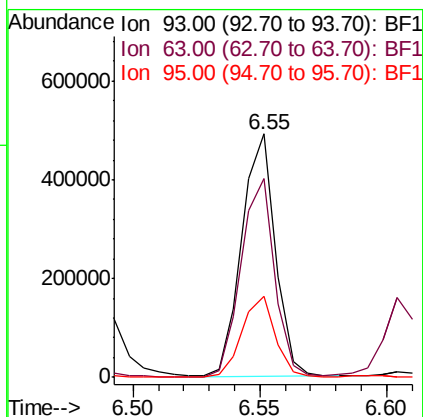
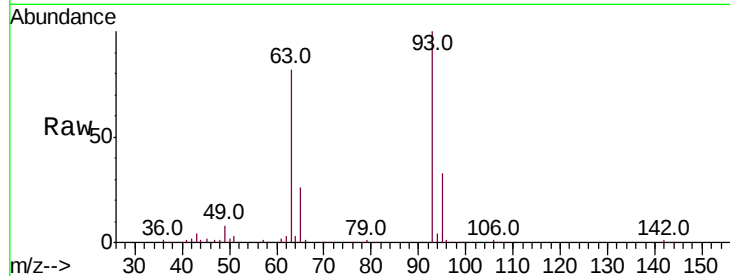




#11
bis(2-Chloroethyl)ether
Concen: 41.964 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

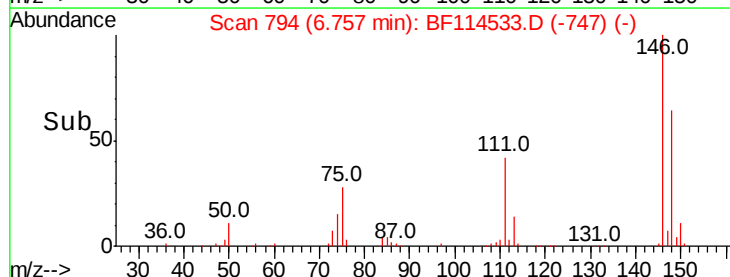
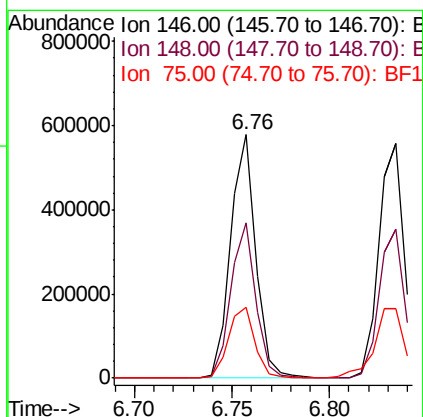
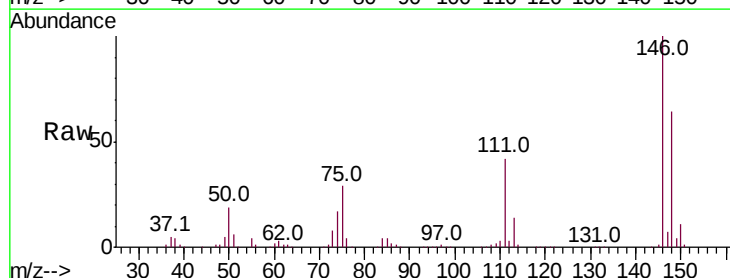
Instrument :
BNA_F
ClientSampleId :

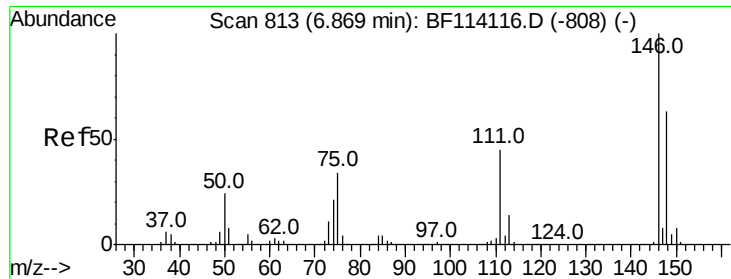
Tot Ion: 93 Resp: 452228
Ion Ratio Lower Upper
93 100
63 81.8 63.6 103.6
95 33.1 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 42.131 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion: 146 Resp: 515094
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
75 29.2 24.2 36.2

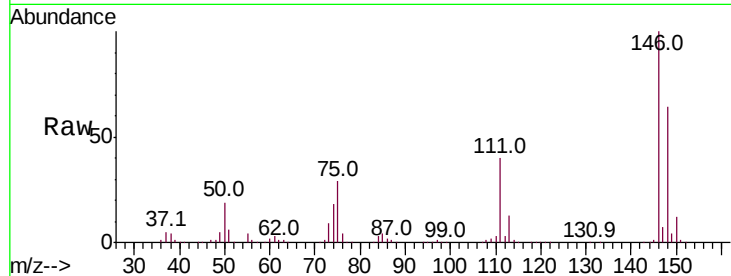




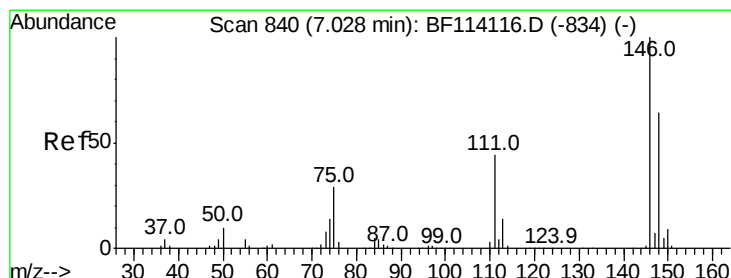
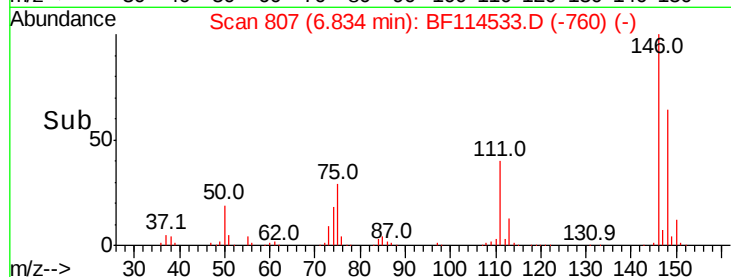
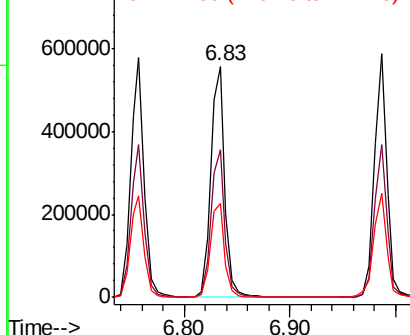
#13
 1,4-Dichlorobenzene
 Concen: 42.046 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 517993
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.2 75.2
 111 40.5 35.8 53.6

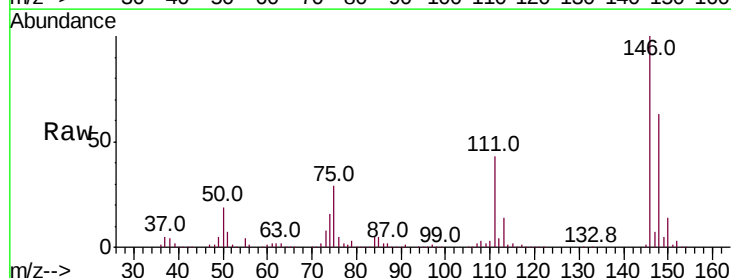


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

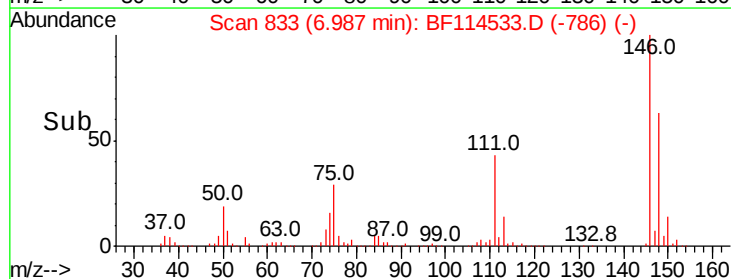
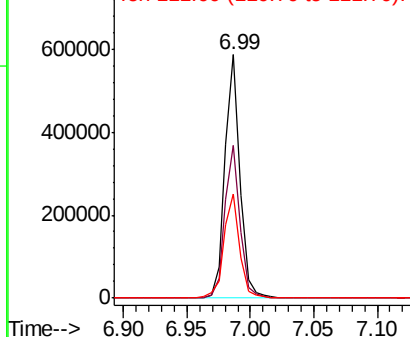


#14
 1,2-Dichlorobenzene
 Concen: 42.644 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Tgt Ion:146 Resp: 479981
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.1 76.7
 111 42.9 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.471 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

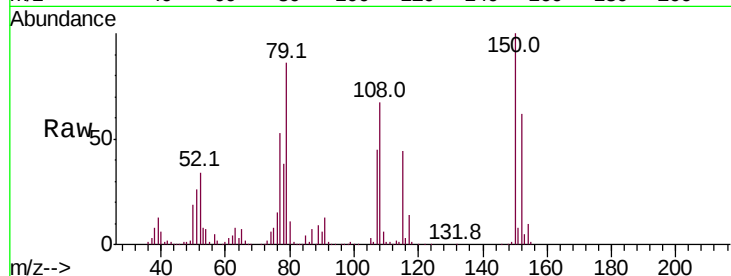
Tot Ion: 79 Resp: 380885

Ion Ratio Lower Upper

79 100

108 77.6 62.1 93.1

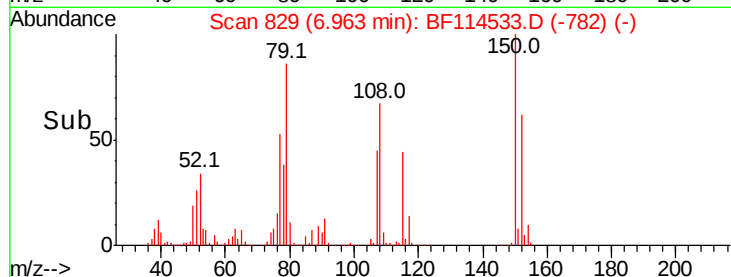
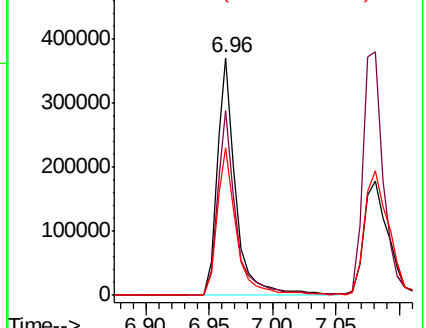
77 62.2 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.069 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

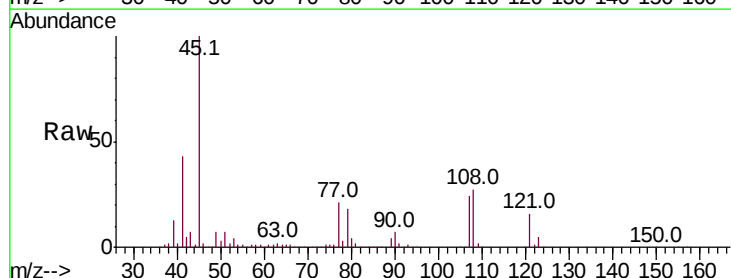
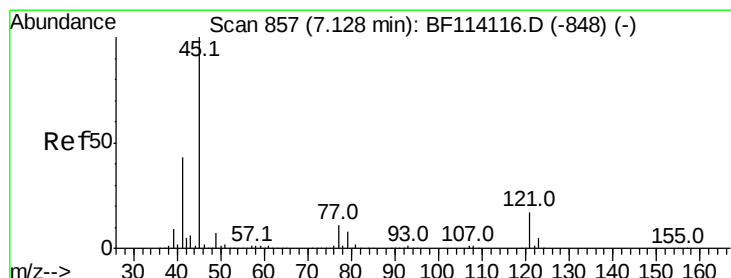
Tgt Ion: 45 Resp: 837249

Ion Ratio Lower Upper

45 100

77 21.3 0.0 31.1

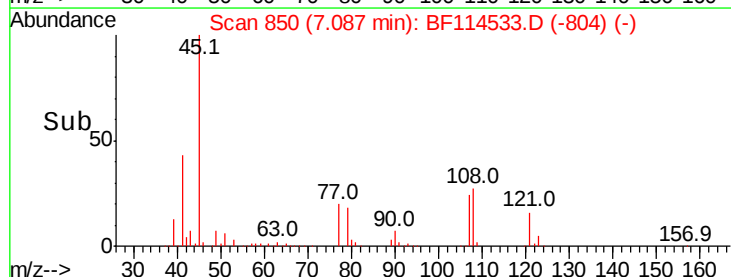
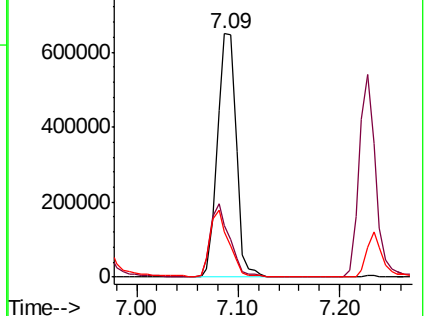
79 18.5 0.0 28.4

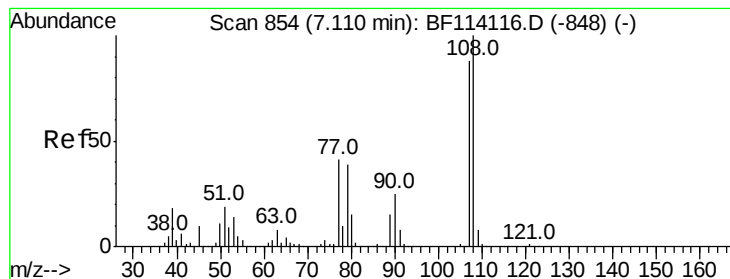


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.928 ng

RT: 7.08 min Scan# 849

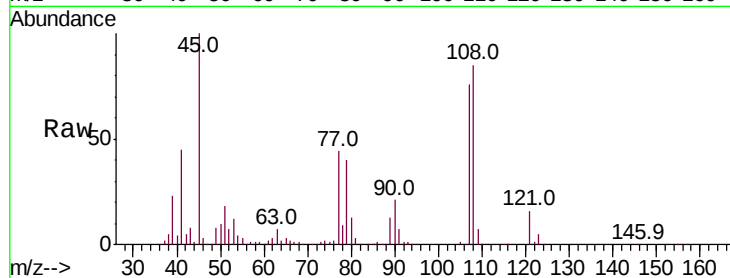
Delta R.T. -0.02 min

Lab File: BF114533.D

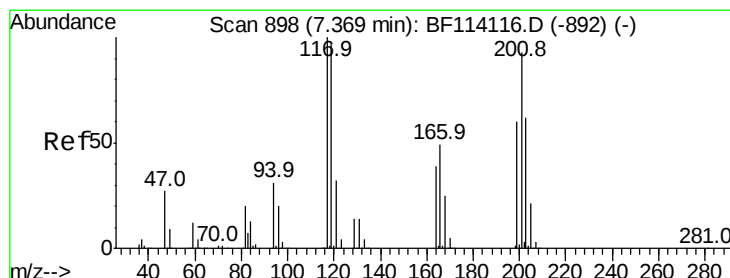
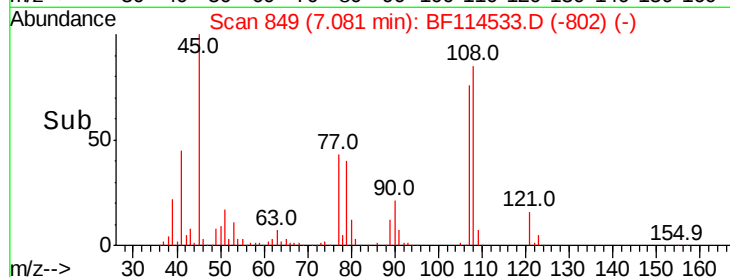
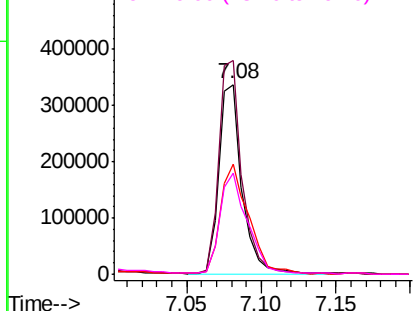
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	366183
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.5	135.7
77	57.7	37.0	55.4#
79	53.1	35.8	53.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.329 ng

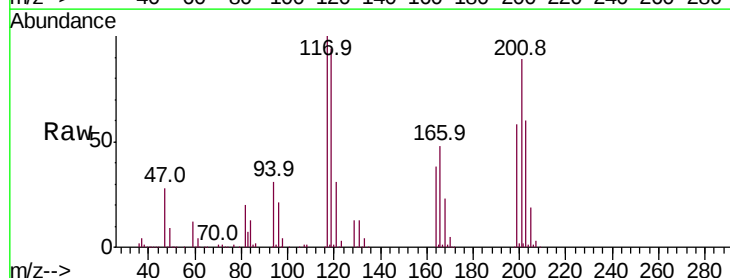
RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

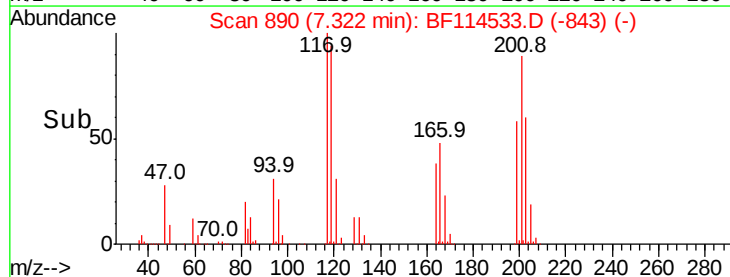
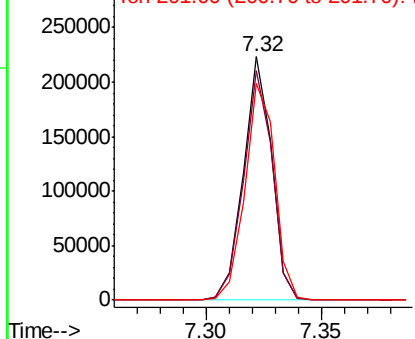
Lab File: BF114533.D

Acq: 23 May 2019 19:44

Tgt Ion:	117	Resp:	191120
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.2
201	89.2	74.5	111.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

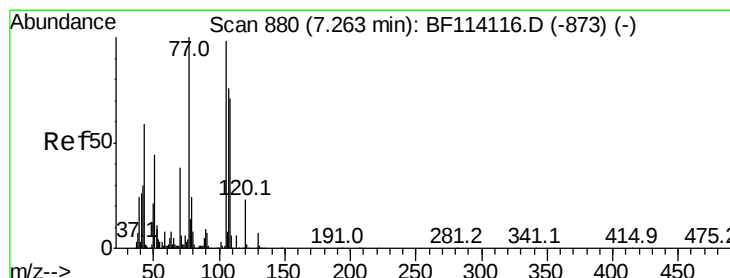
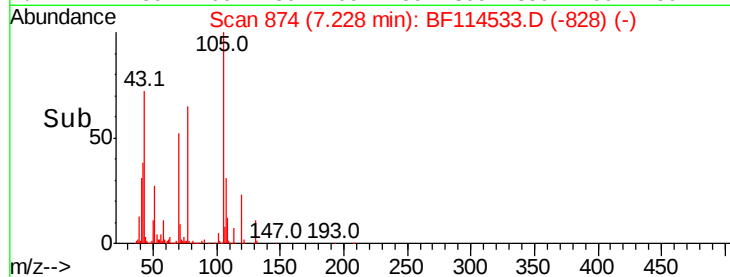
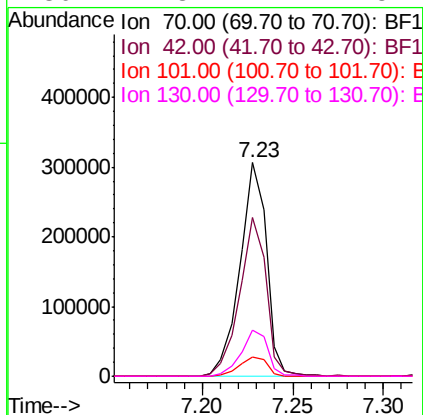
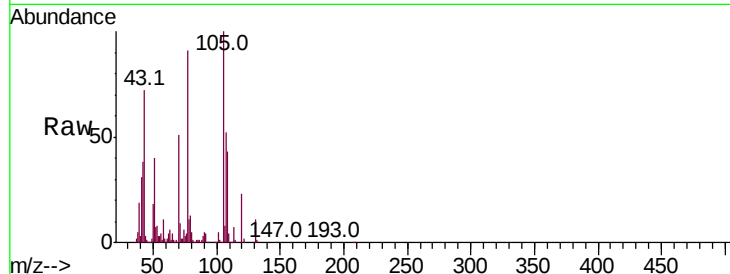




#19
n-Nitroso-di-n-propylamine
Concen: 41.067 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

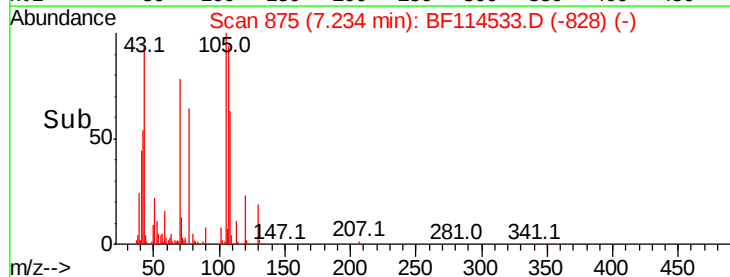
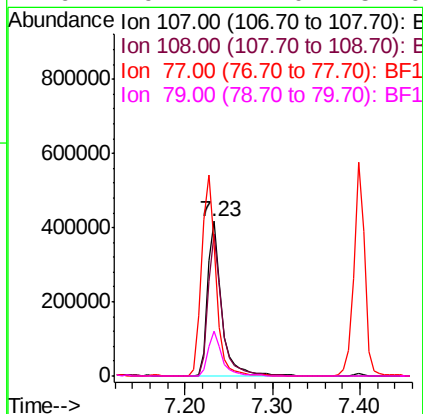
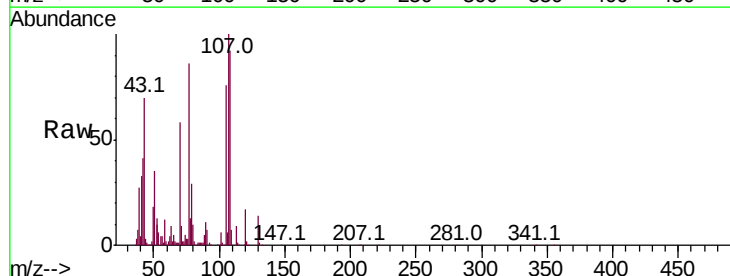
Instrument :
BNA_F
ClientSampleId :

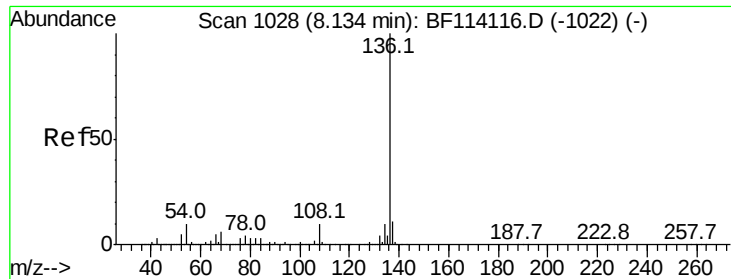
Tot Ion:	70	Resp:	314099
Ion	Ratio	Lower	Upper
70	100		
42	74.5	58.6	87.8
101	9.3	7.8	11.8
130	21.3	17.1	25.7



#20
3+4-Methylphenols
Concen: 44.763 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:	107	Resp:	462727
Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.8	113.8
77	85.8	111.5	151.5#
79	29.1	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 677184

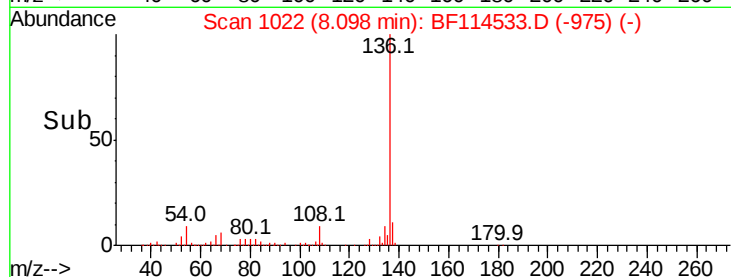
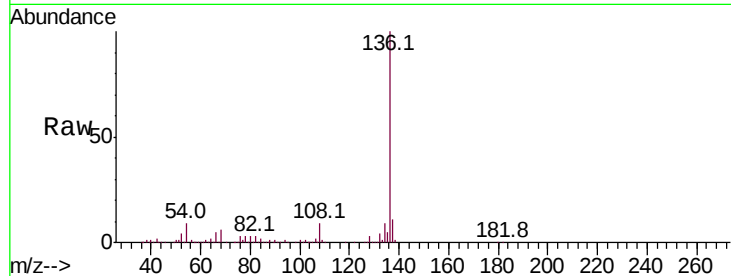
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.6 7.8 11.8

68 5.7 5.1 7.7



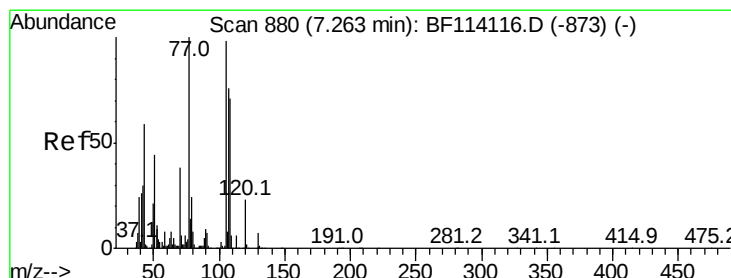
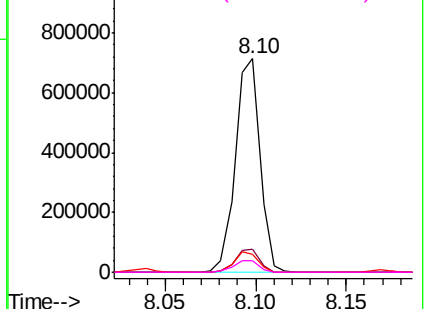
Abundance

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: 41.124 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Tgt Ion:105 Resp: 616937

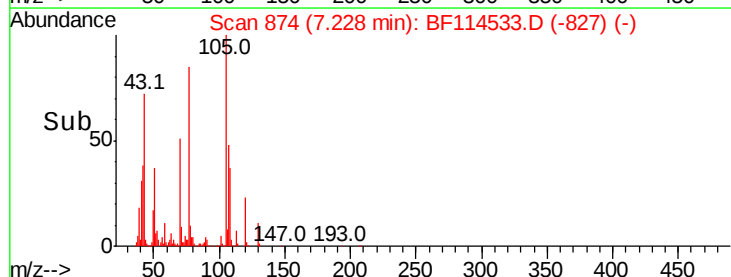
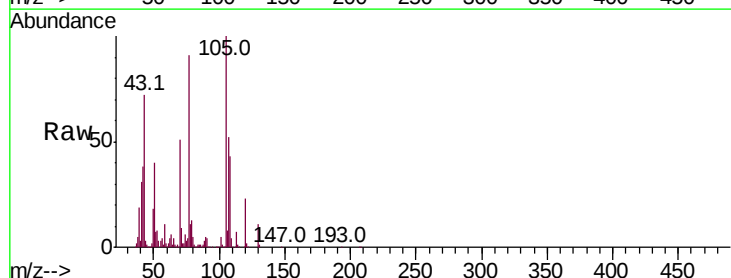
Ion Ratio Lower Upper

105 100

71 8.9 5.3 7.9#

51 39.8 36.2 54.4

120 23.0 18.6 28.0



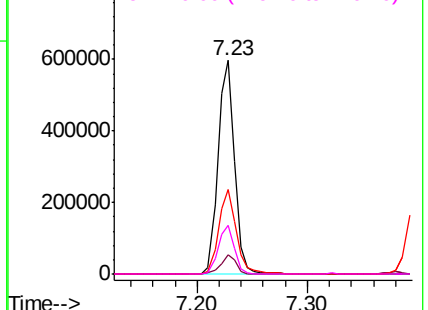
Abundance

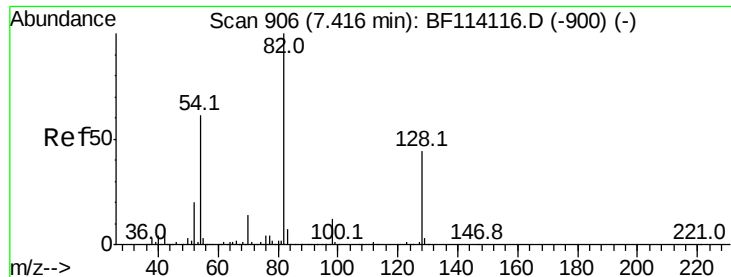
Ion 105.00 (104.70 to 105.70): E

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

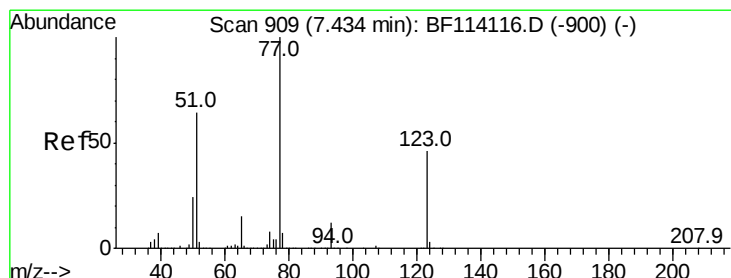
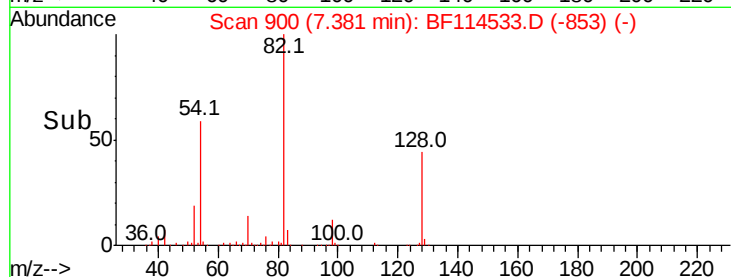
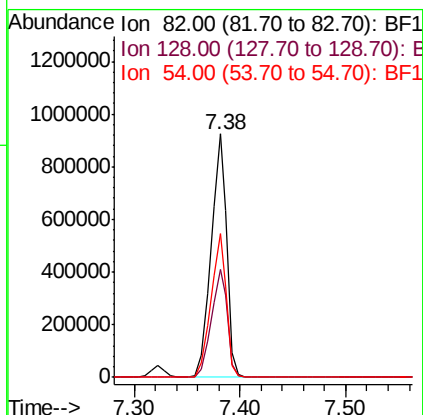
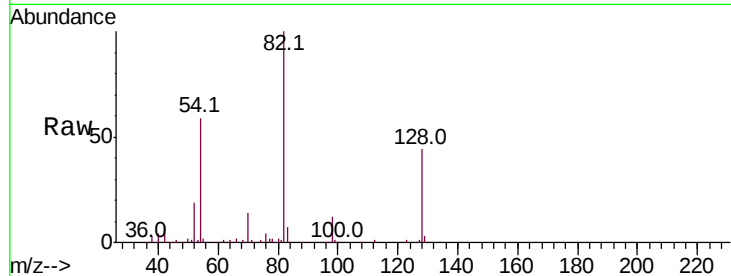




#23
 Nitrobenzene-d5
 Concen: 80.083 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

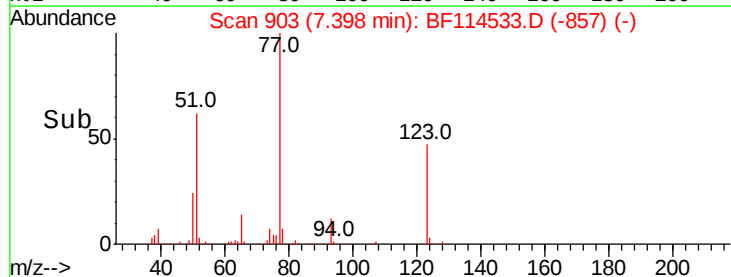
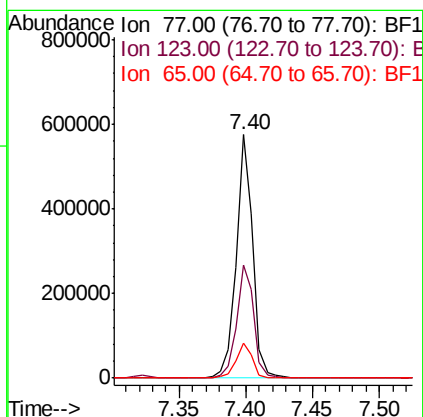
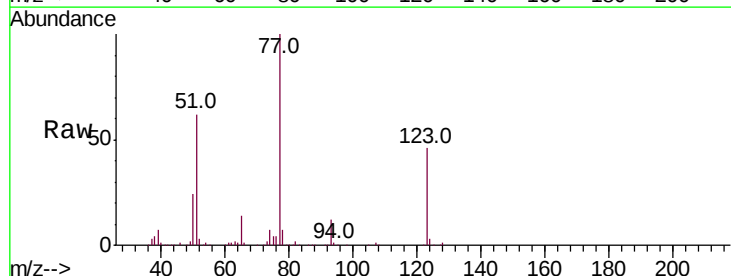
Instrument :
 BNA_F
 ClientSampleID :

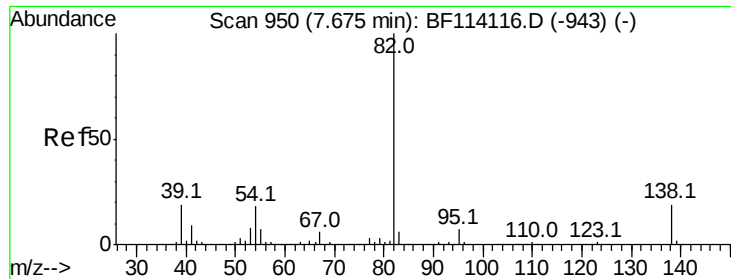
Tot Ion	82	Resp	966335
Ion Ratio	100	Lower	Upper
128	44.3	35.5	53.3
54	58.8	48.5	72.7



#24
 Nitrobenzene
 Concen: 40.377 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Tgt Ion	77	Resp	496233
Ion Ratio	100	Lower	Upper
123	46.4	36.9	55.3
65	14.1	11.8	17.6





#25

Isophorone

Concen: 40.015 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

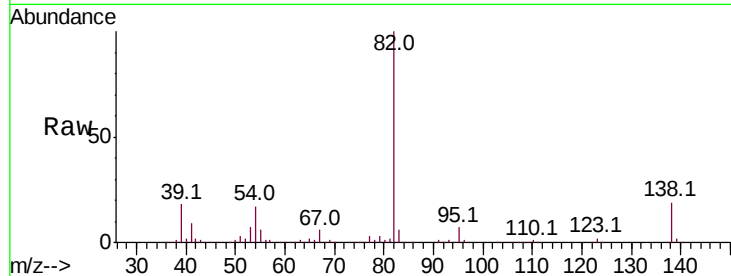
Tot Ion: 82 Resp: 895481

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

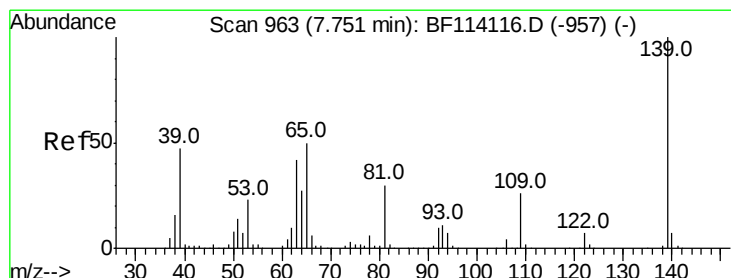
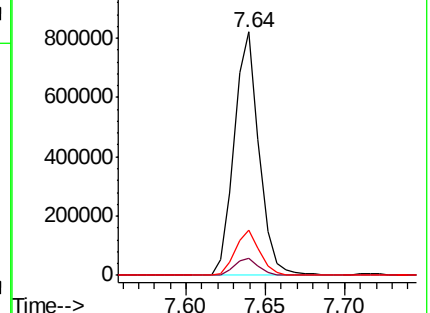
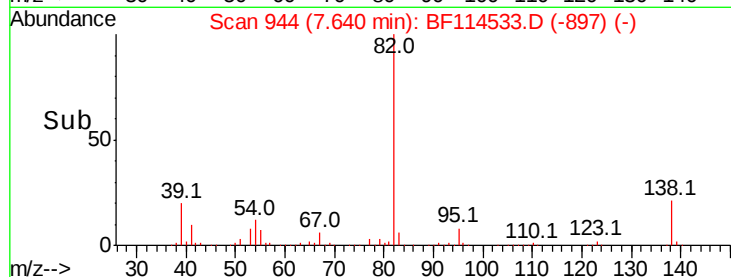
138 18.8 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.635 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

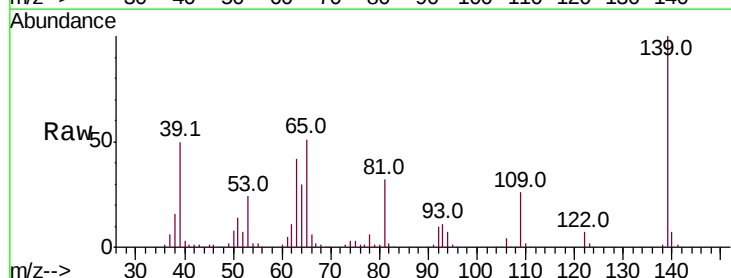
Tgt Ion: 139 Resp: 248254

Ion Ratio Lower Upper

139 100

109 26.4 20.7 31.1

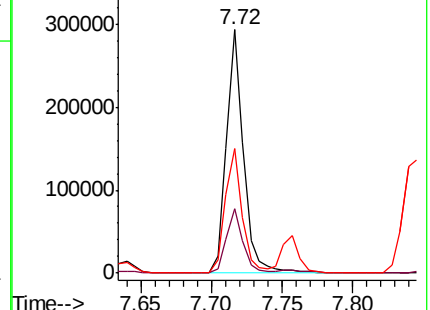
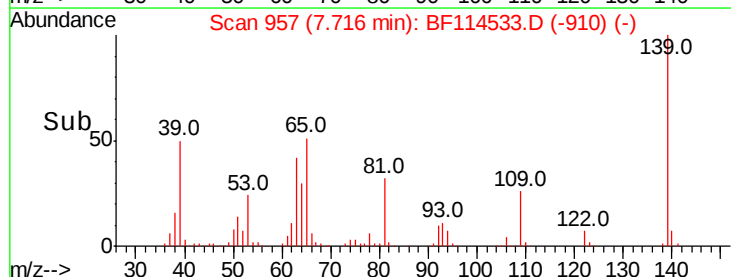
65 51.2 40.2 60.2

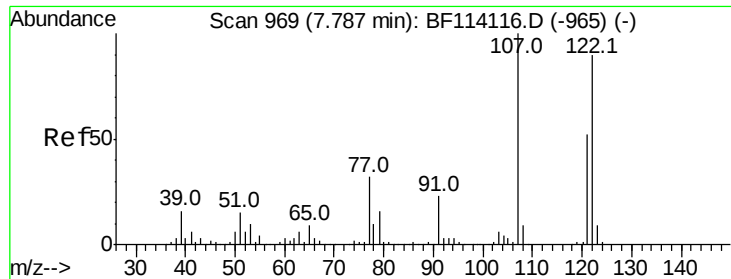


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

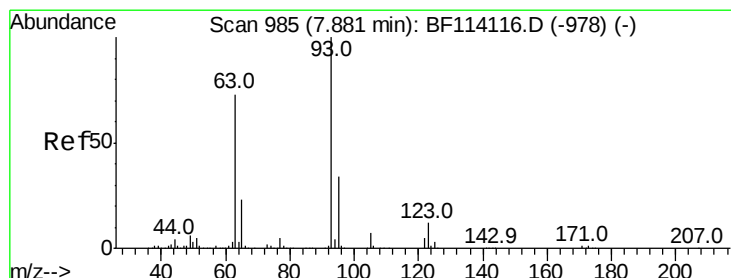
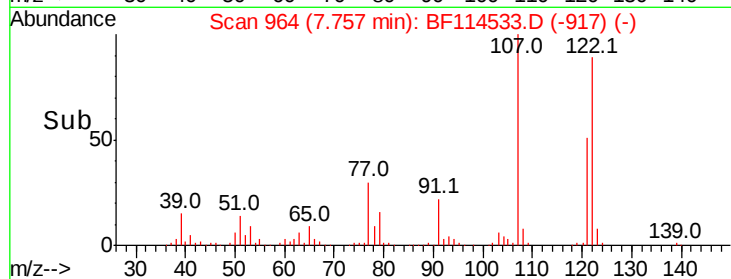
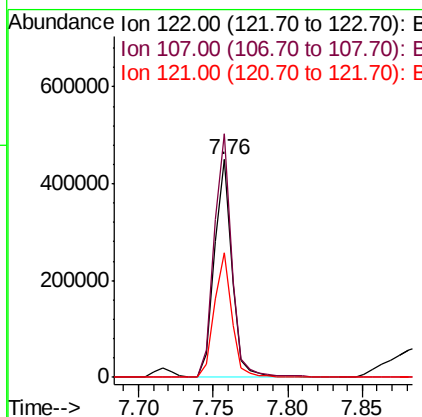
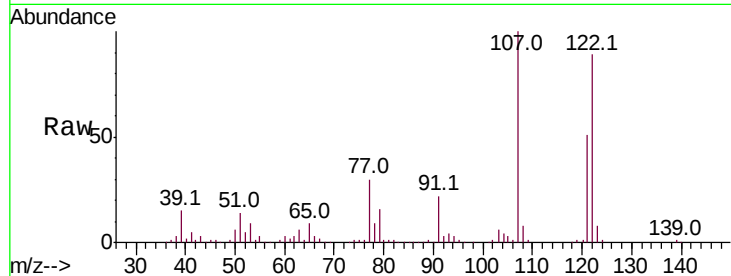




#27
2,4-Dimethylphenol
Concen: 39.141 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

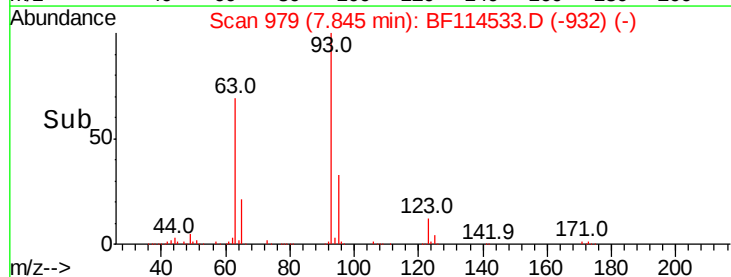
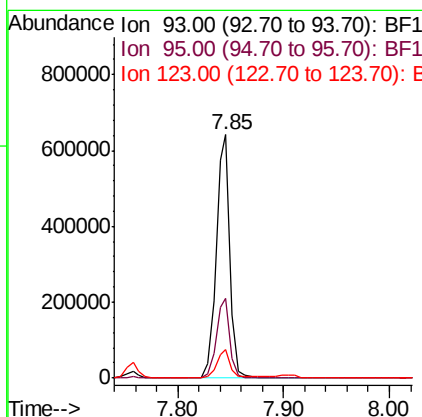
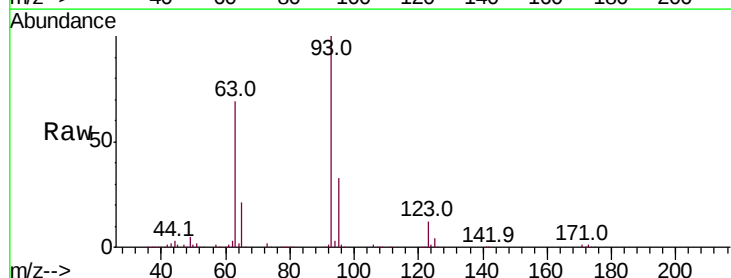
Instrument :
BNA_F
ClientSampleId :

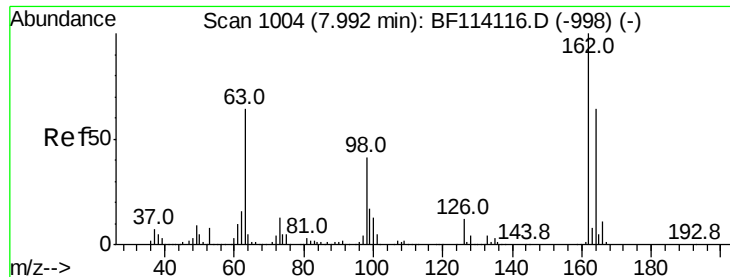
Tot Ion:122 Resp: 366554
Ion Ratio Lower Upper
122 100
107 111.8 88.4 132.6
121 57.1 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 40.669 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion: 93 Resp: 590531
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.604 ng

RT: 7.96 min Scan# 999

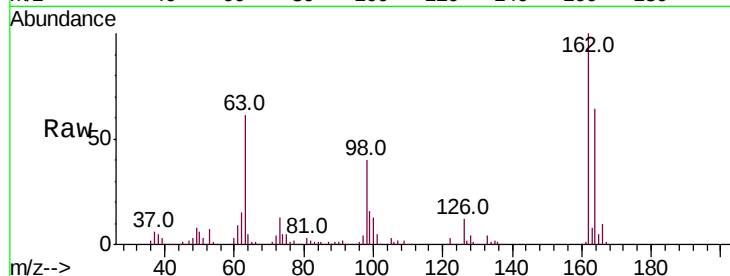
Delta R.T. -0.02 min

Lab File: BF114533.D

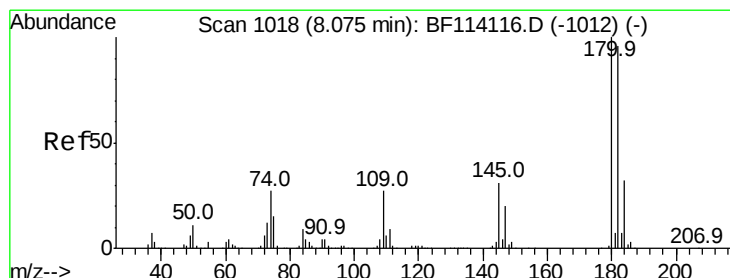
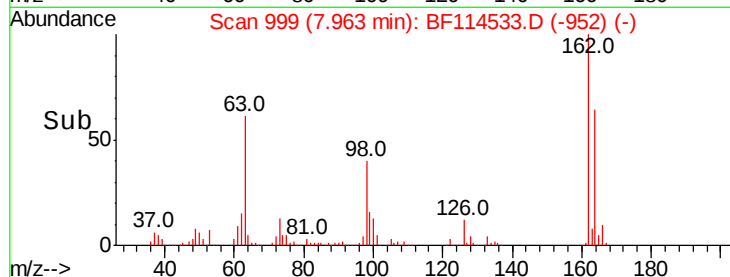
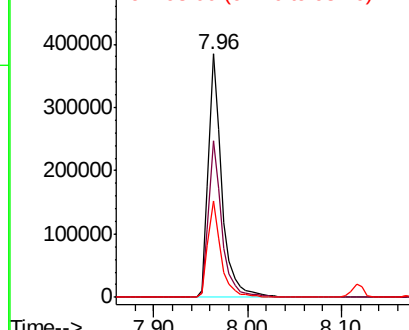
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:	162	Resp:	387968
Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.6	83.6
98	39.6	20.6	60.6



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



#30

1,2,4-Trichlorobenzene

Concen: 40.350 ng

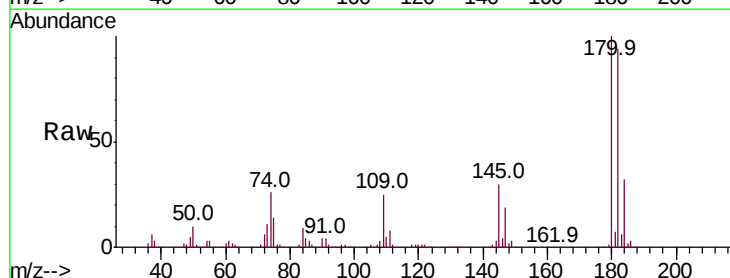
RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

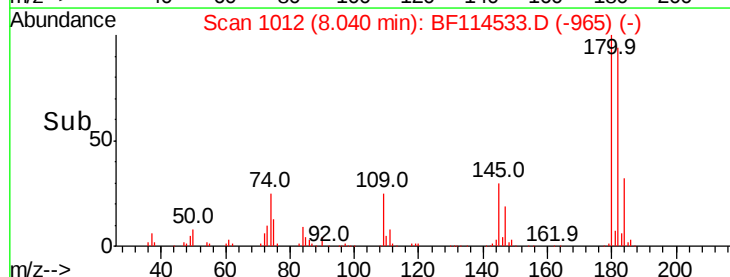
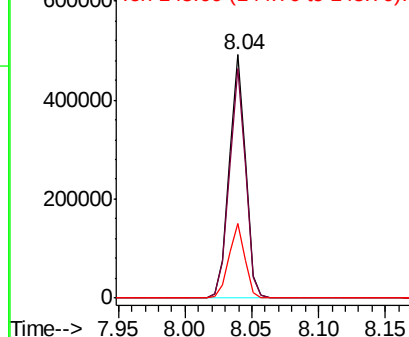
Lab File: BF114533.D

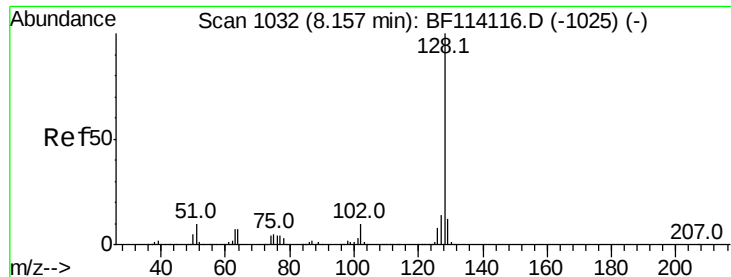
Acq: 23 May 2019 19:44

Tgt Ion:	180	Resp:	427867
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.6	114.8
145	30.4	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

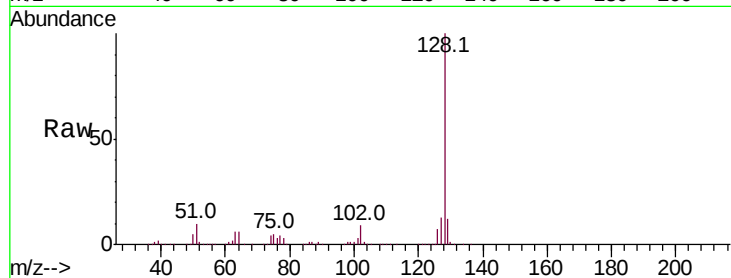




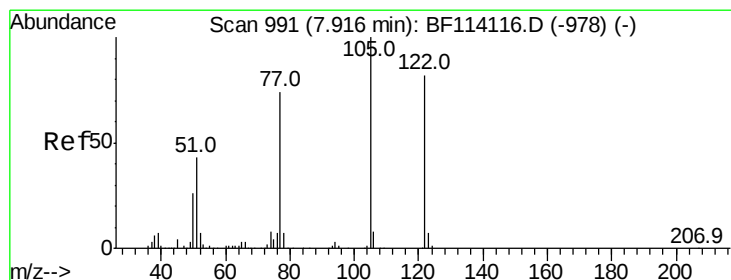
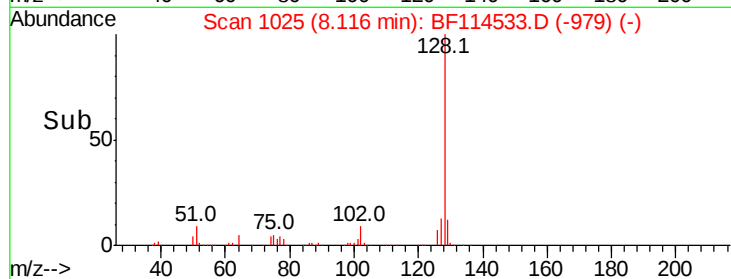
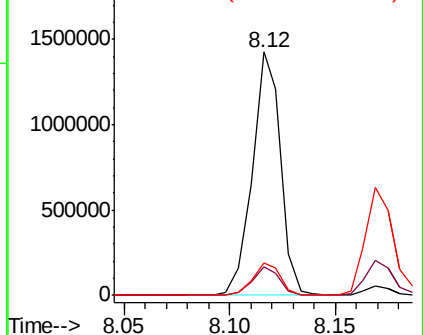
#31
Naphthalene
Concen: 41.851 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1323857
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.5 11.3 16.9

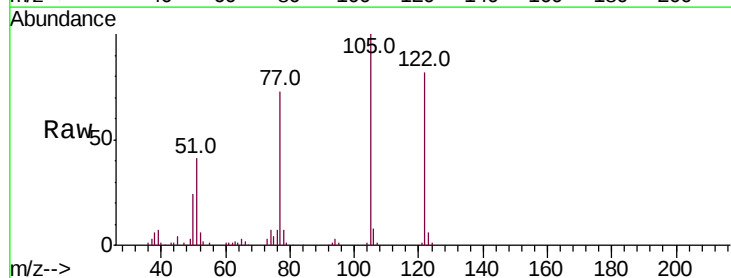


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

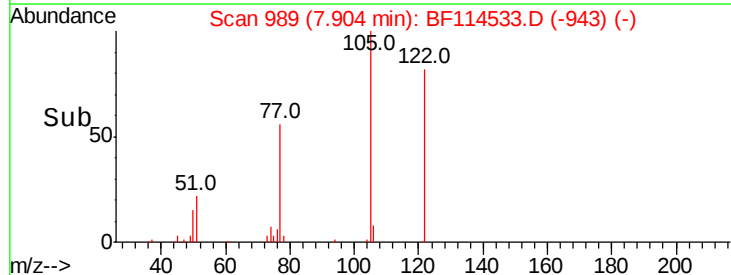
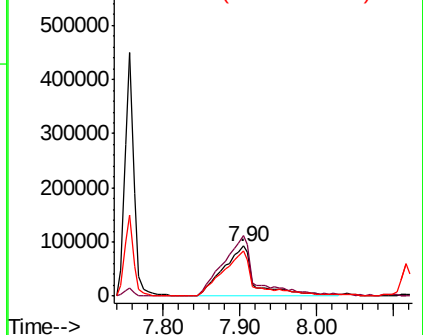


#32
Benzoic acid
Concen: 40.089 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.03 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:122 Resp: 258640
Ion Ratio Lower Upper
122 100
105 122.4 99.9 139.9
77 89.9 69.4 109.4



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

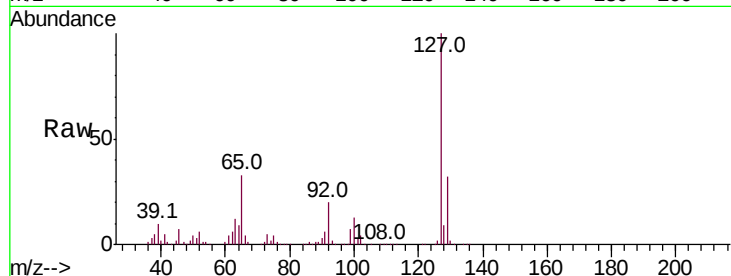




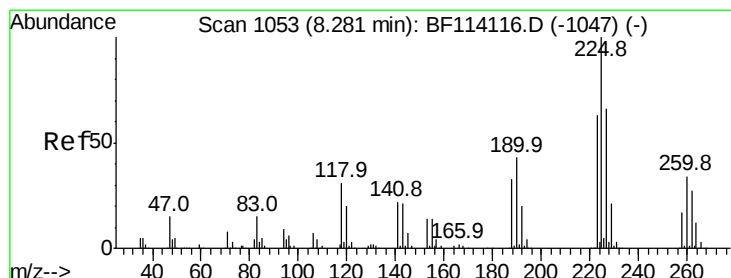
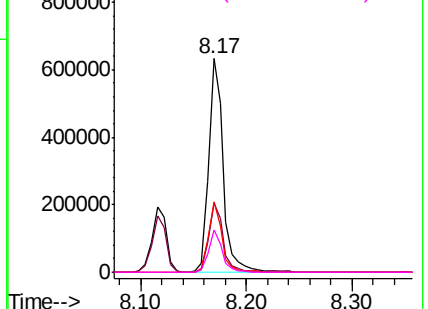
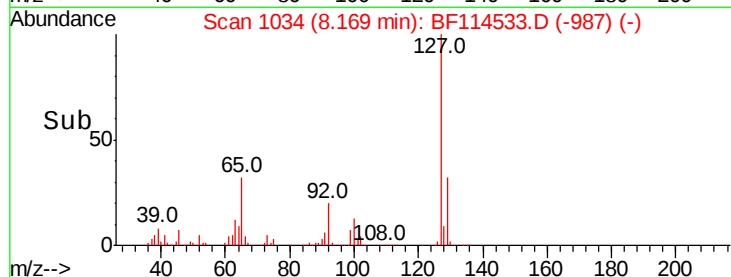
#33
4-Chloroaniline
Concen: 42.056 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	606224
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	32.8	25.4	38.0
92	19.5	15.4	23.2

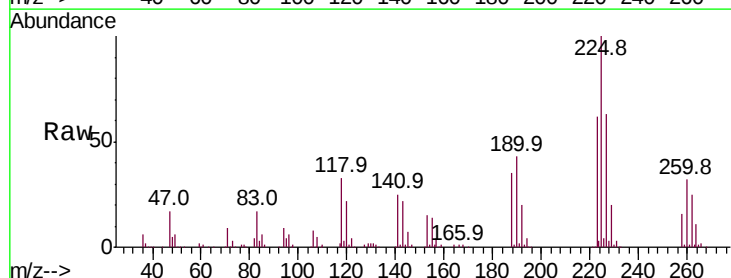


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

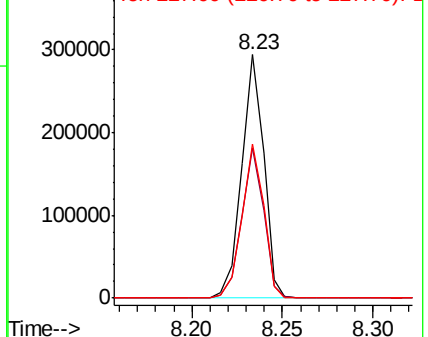
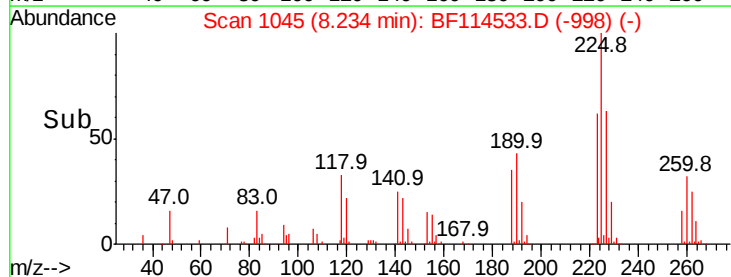


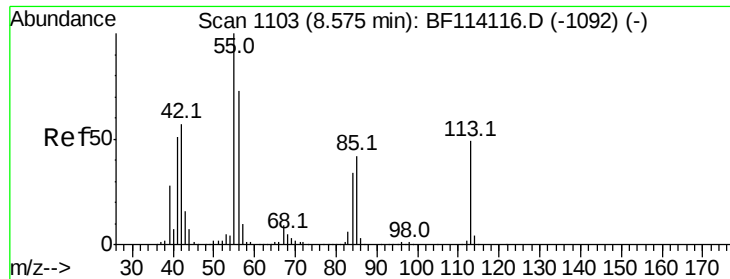
#34
Hexachlorobutadiene
Concen: 41.248 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:	225	Resp:	248872
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.2	75.2
227	63.4	52.6	79.0



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





#35

Caprolactam

Concen: 43.670 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.03 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampled :

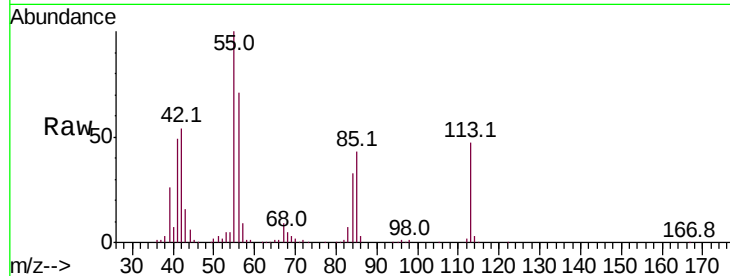
Tot Ion:113 Resp: 132787

Ion Ratio Lower Upper

113 100

55 211.5 183.5 223.5

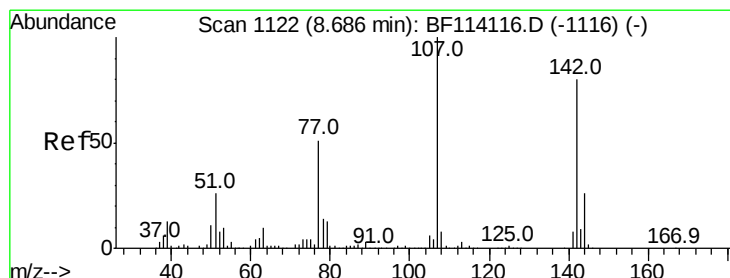
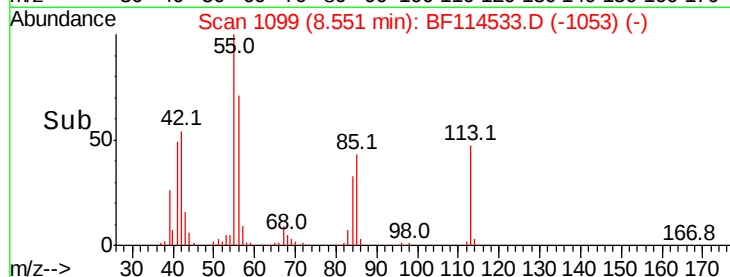
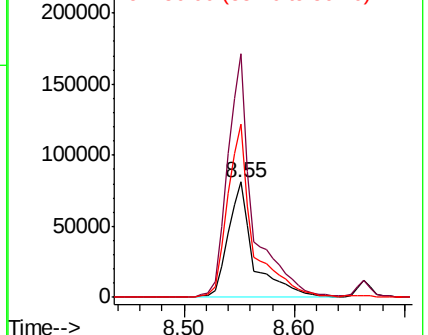
56 150.5 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.936 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

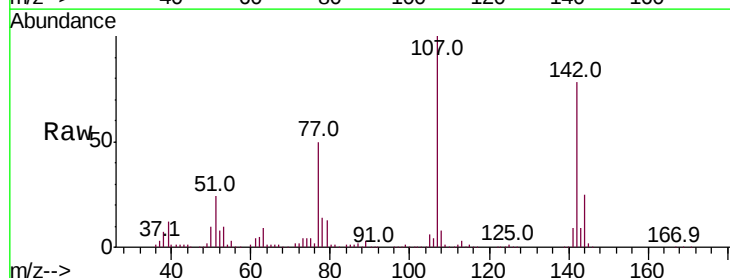
Tgt Ion:107 Resp: 403021

Ion Ratio Lower Upper

107 100

144 25.3 20.4 30.6

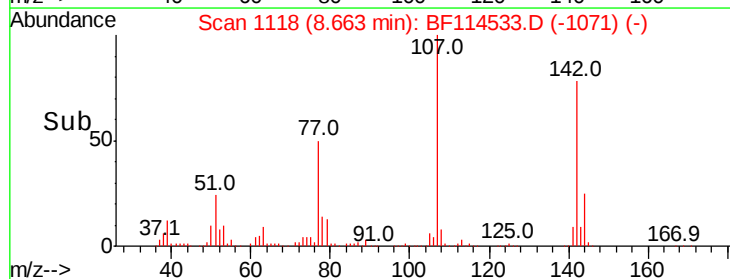
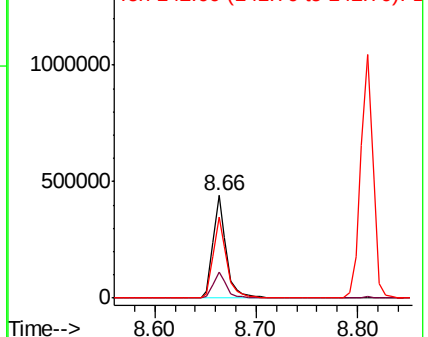
142 78.4 64.2 96.4

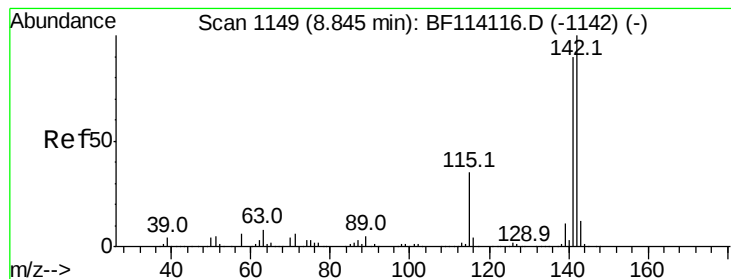


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

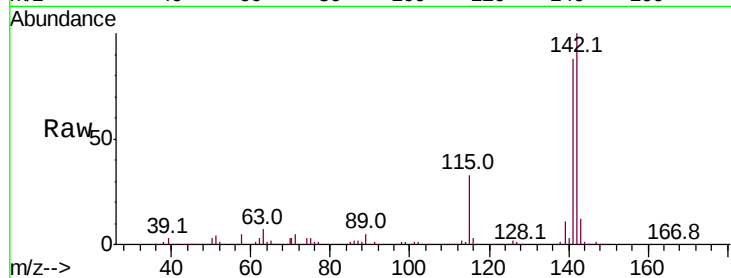




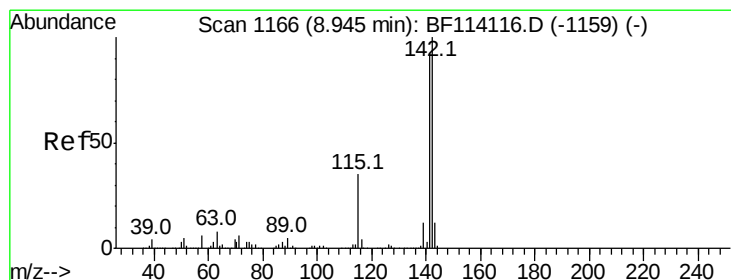
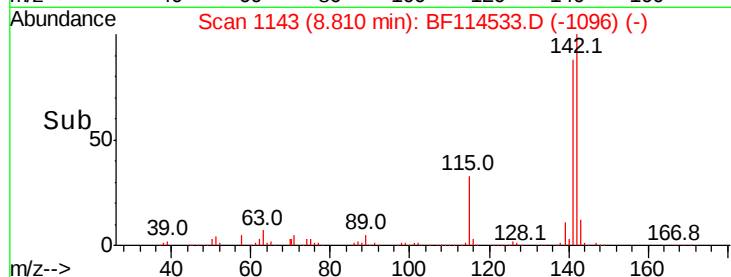
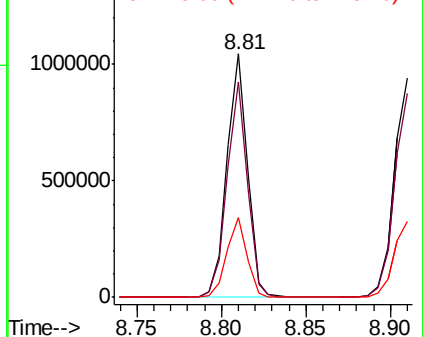
#37
2-Methylnaphthalene
Concen: 43.307 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 883852
Ion Ratio Lower Upper
142 100
141 88.3 72.1 108.1
115 32.7 28.0 42.0

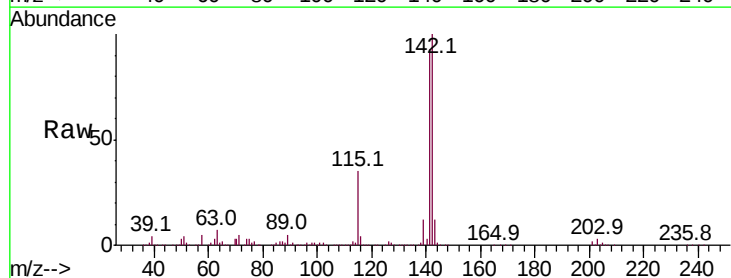


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

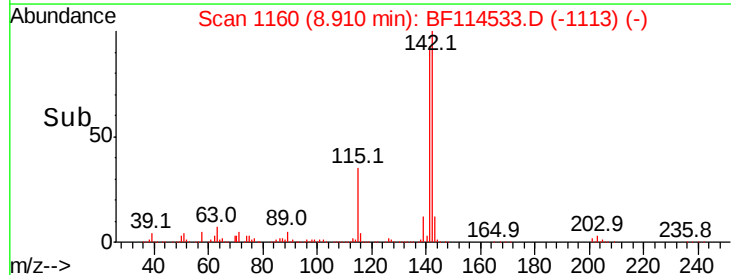
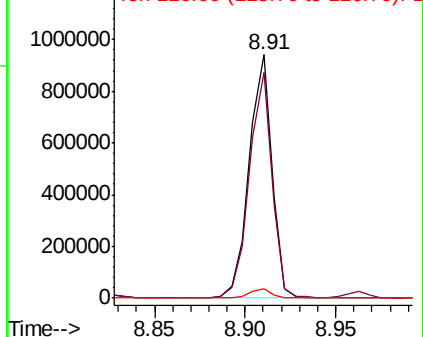


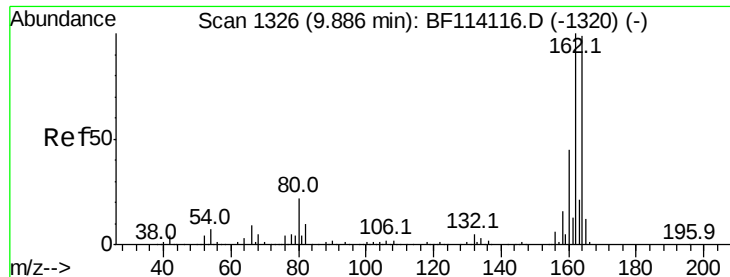
#38
1-Methylnaphthalene
Concen: 42.678 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:142 Resp: 820254
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.0
116 3.7 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

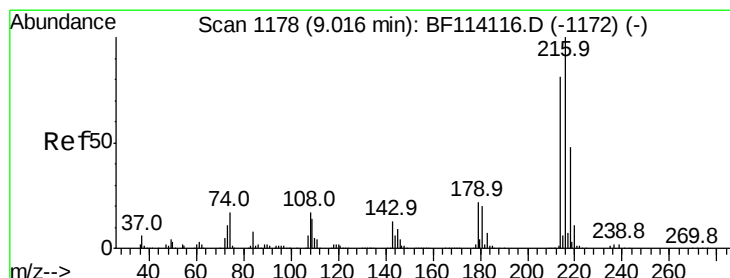
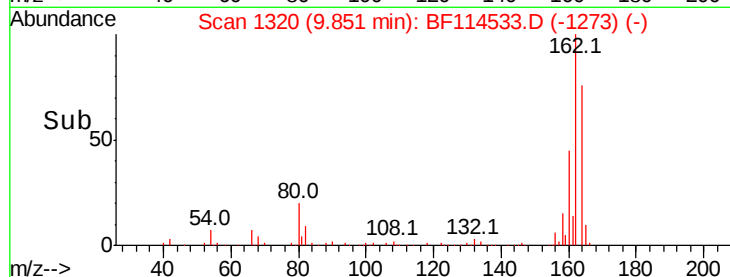
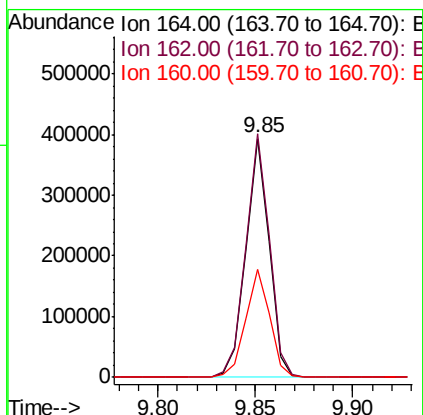
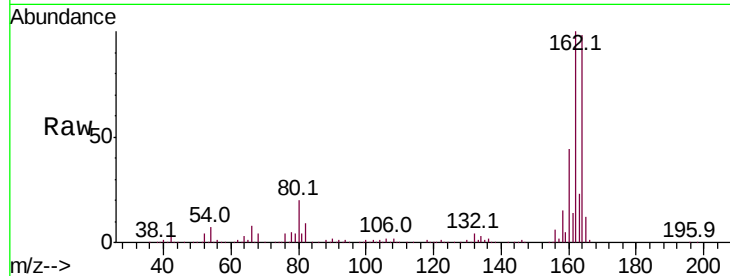




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

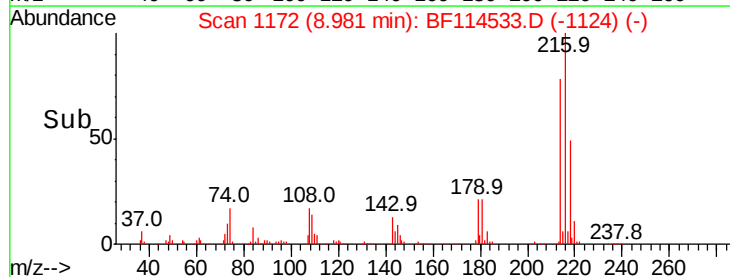
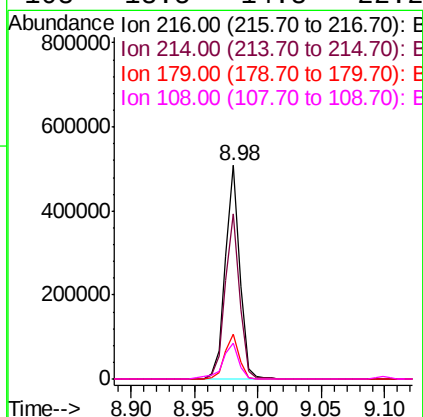
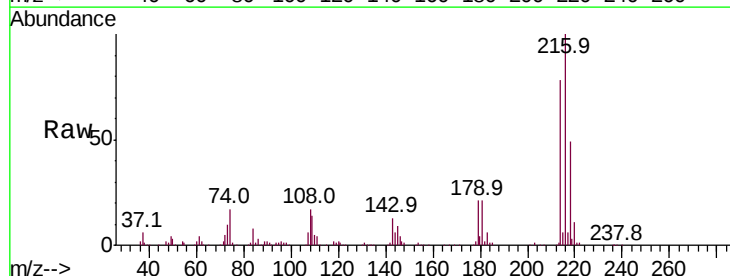
Instrument :
BNA_F
ClientSampled :

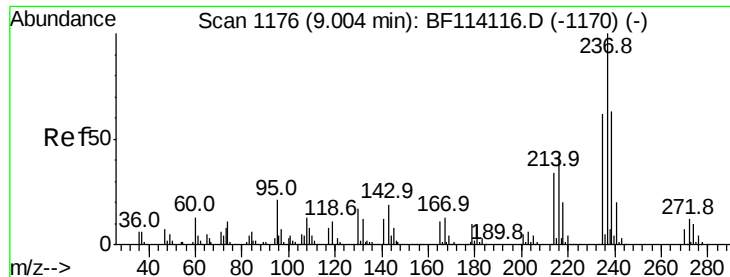
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	45.2	36.5	54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.901 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.9	95.9
179	20.8	17.0	25.6
108	18.5	14.8	22.2

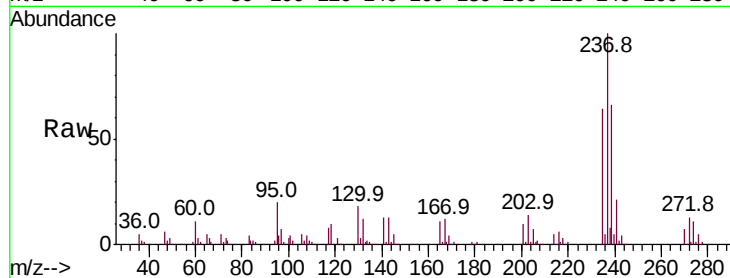




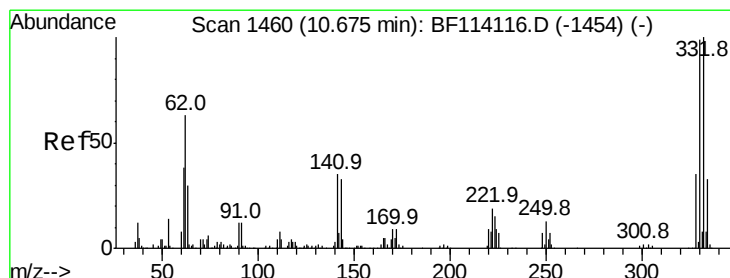
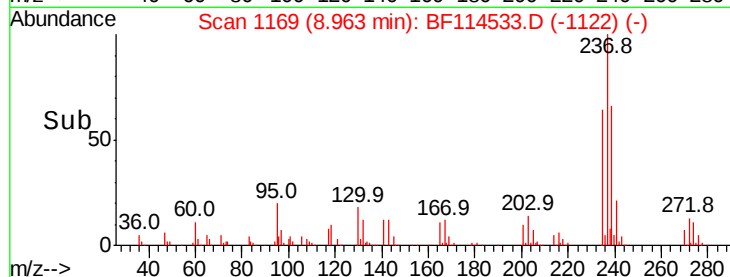
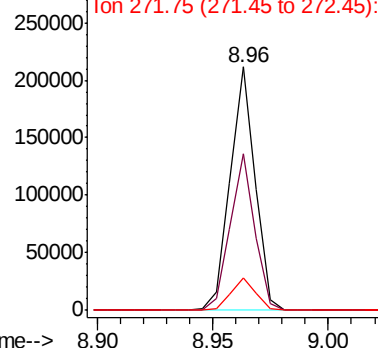
#41
Hexachlorocyclopentadiene
Concen: 37.353 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.0	82.0
272	13.3	0.0	32.4

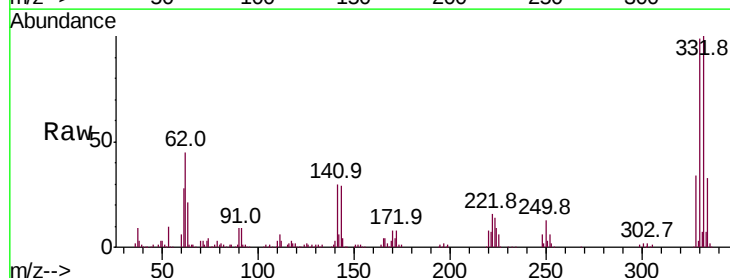


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

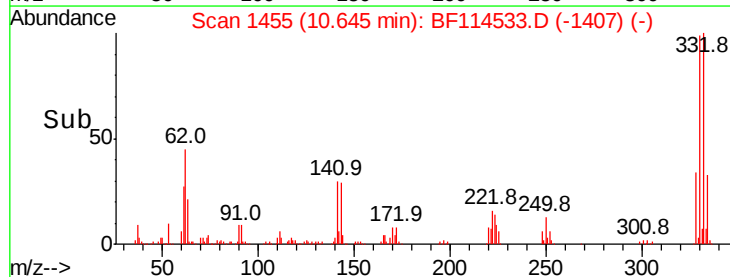
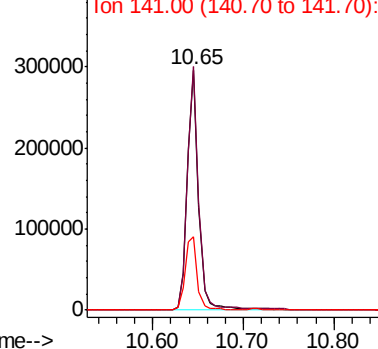


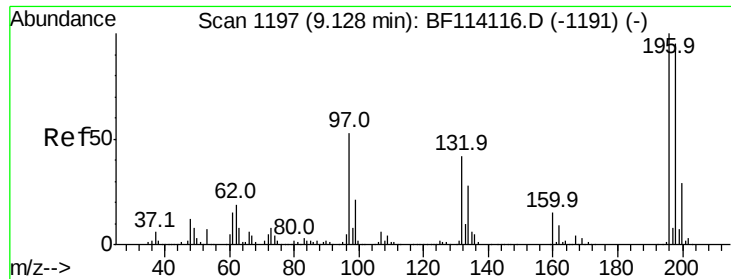
#42
2,4,6-Tribromophenol
Concen: 78.100 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.8	81.4	122.2
141	33.0	26.6	40.0



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

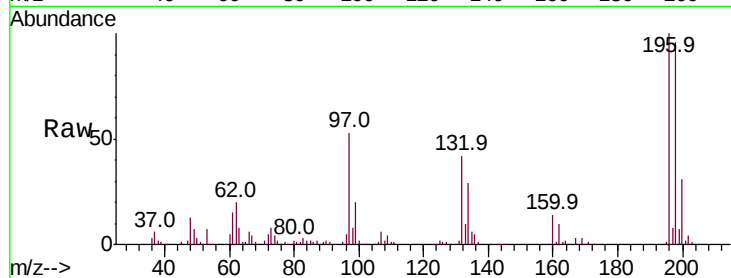




#43
 2,4,6-Trichlorophenol
 Concen: 38.789 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.9	113.9
200	30.7	23.5	35.3

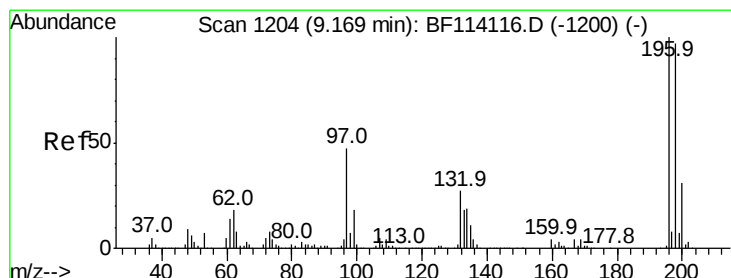
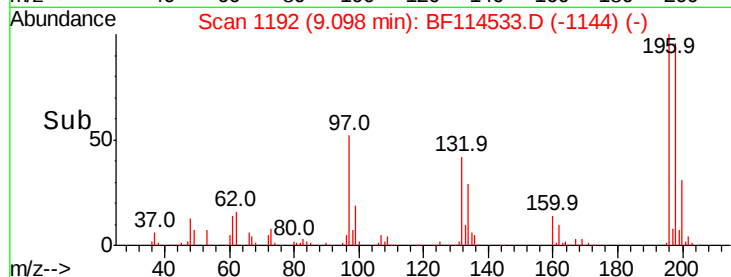
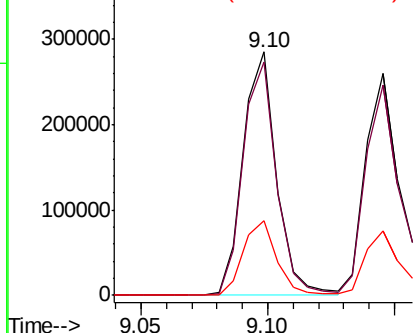


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.616 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.7	116.5
97	48.8	38.2	57.2
132	28.1	21.4	32.2

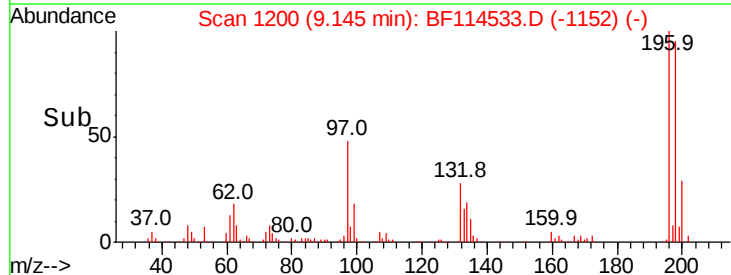
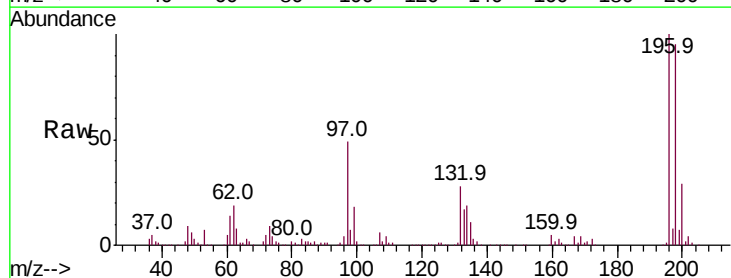
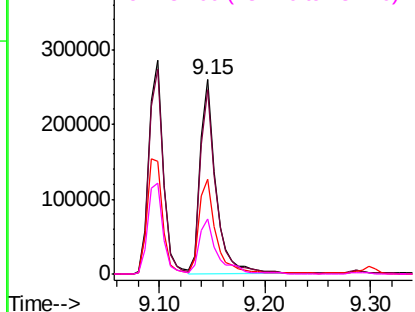
Abundance

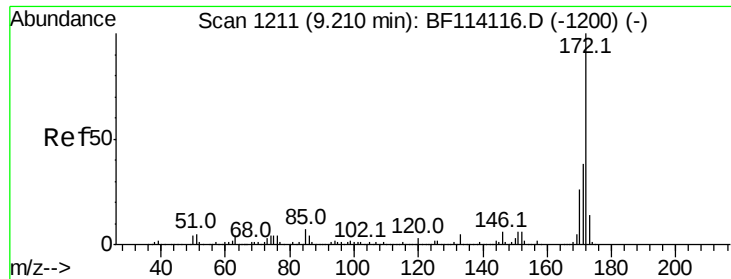
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

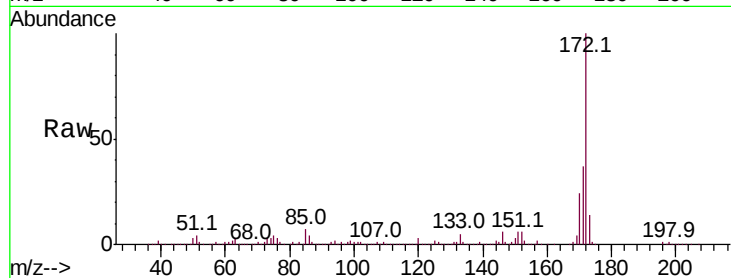




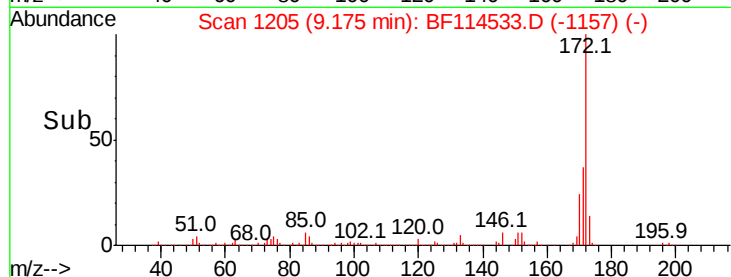
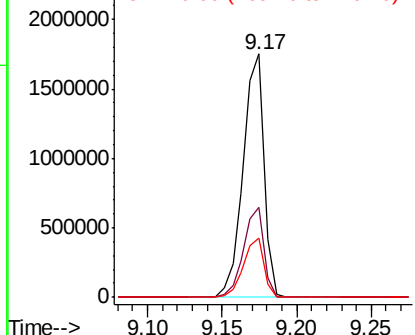
#45
2-Fluorobiphenyl
Concen: 79.010 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1700511
Ion Ratio Lower Upper
172 100
171 37.1 30.7 46.1
170 24.5 20.5 30.7

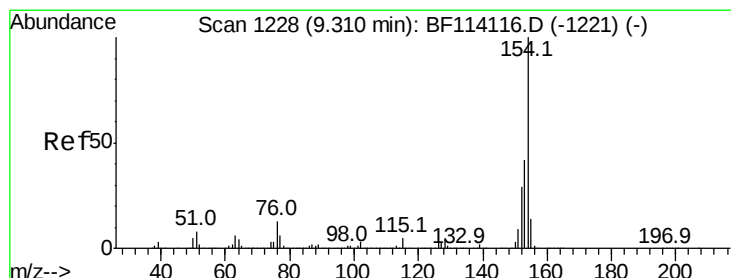


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

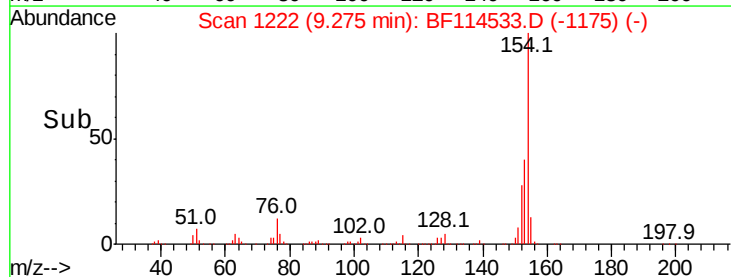
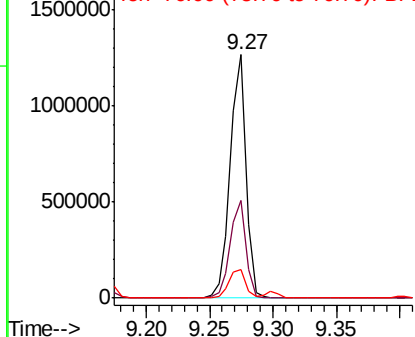


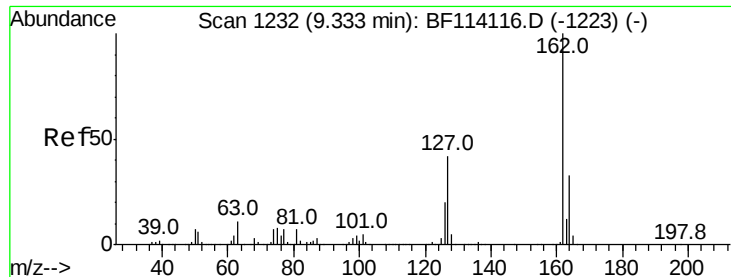
#46
1,1'-Biphenyl
Concen: 41.295 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:154 Resp: 1086109
Ion Ratio Lower Upper
154 100
153 40.1 21.9 61.9
76 11.5 0.0 32.8



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

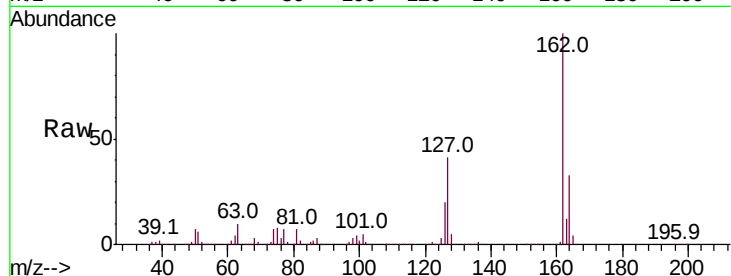




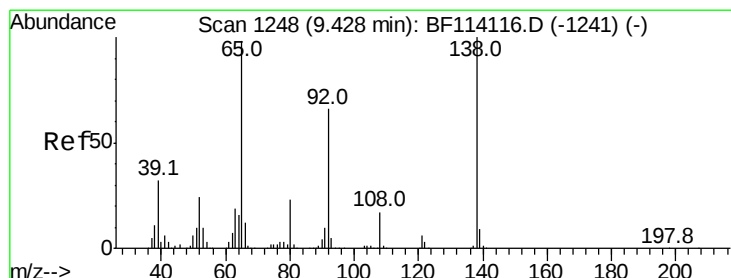
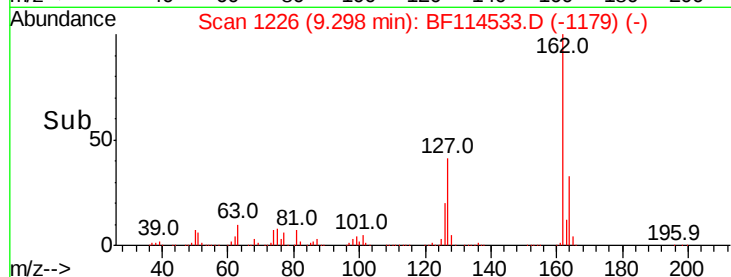
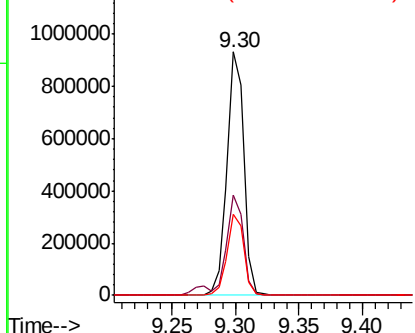
#47
 2-Chloronaphthalene
 Concen: 40.439 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.0	51.0
164	33.1	26.7	40.1

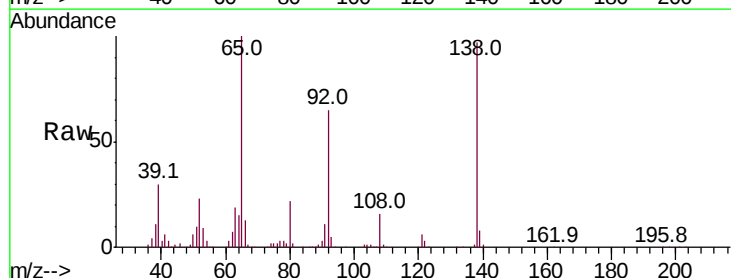


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

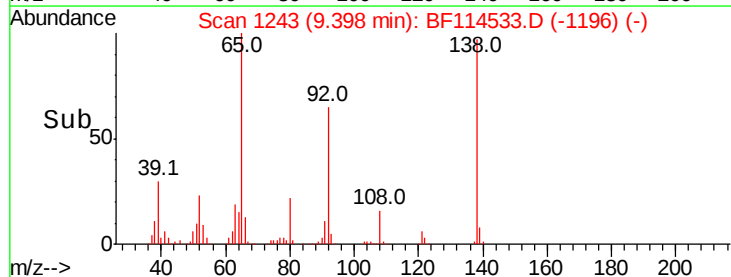
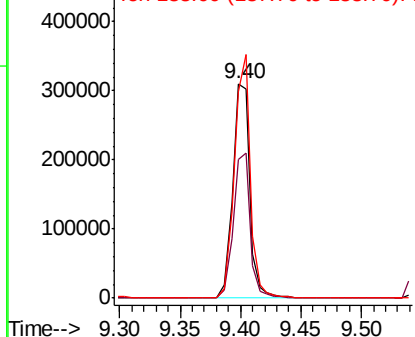


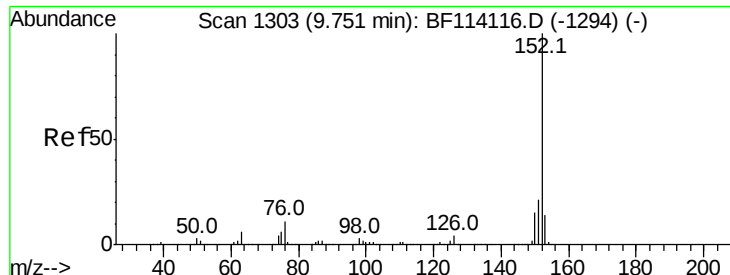
#48
 2-Nitroaniline
 Concen: 40.990 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.9	80.9
138	96.6	81.4	122.0



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





#49

Acenaphthylene

Concen: 40.934 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

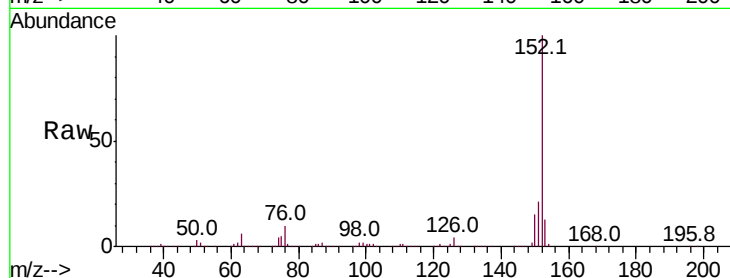
Tot Ion:152 Resp: 1317823

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

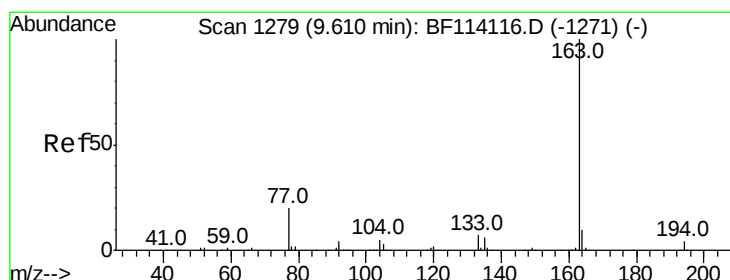
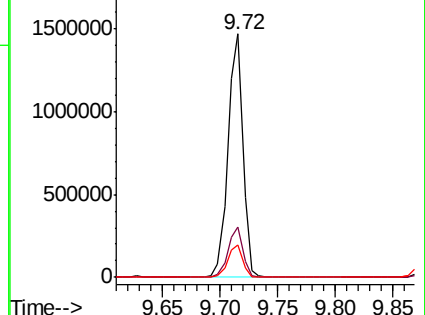
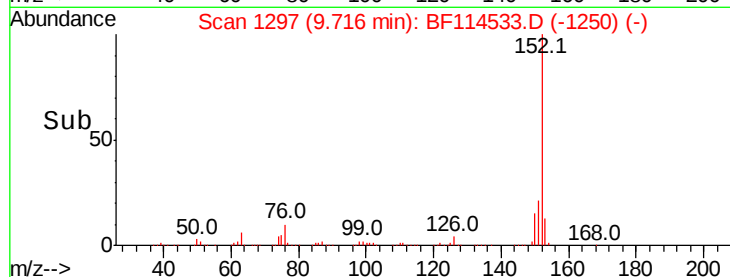
153 13.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

2000000 Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.338 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

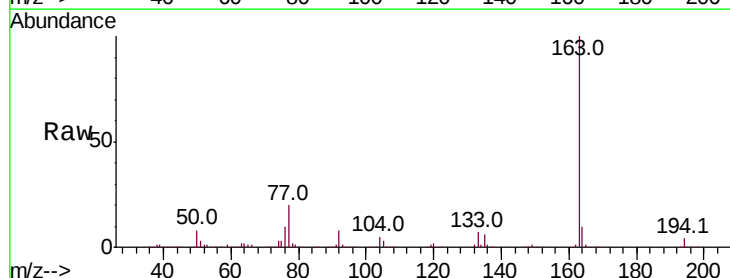
Tgt Ion:163 Resp: 987956

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

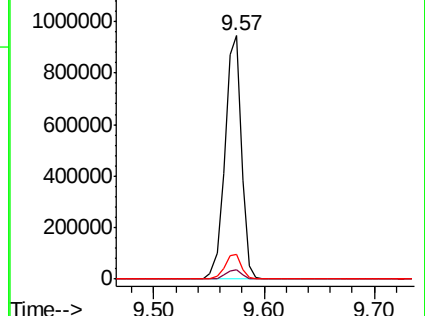
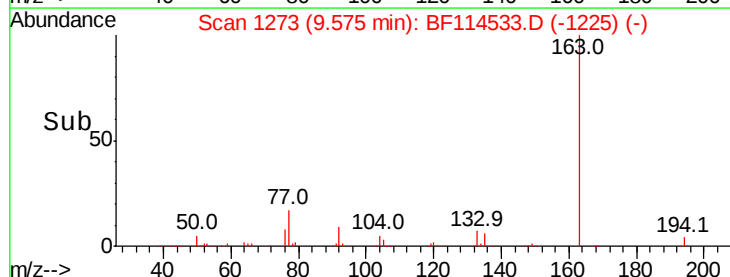
164 10.1 8.2 12.2

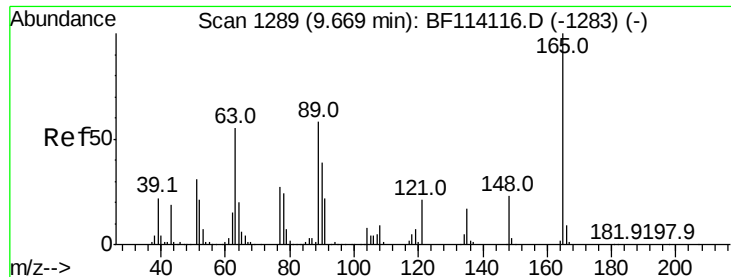


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.086 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

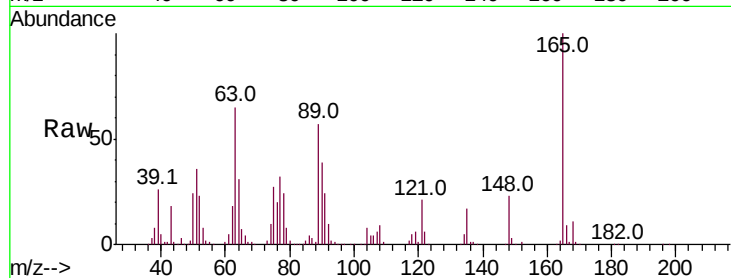
Tot Ion:165 Resp: 217797

Ion Ratio Lower Upper

165 100

63 64.9 50.2 75.4

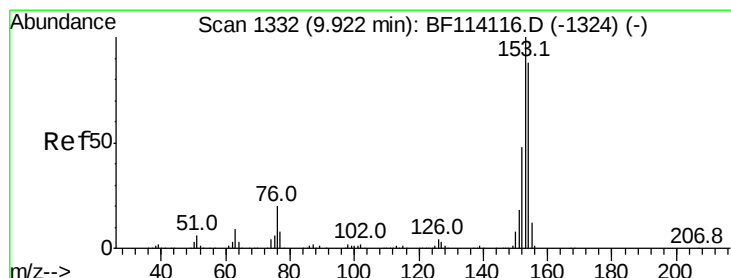
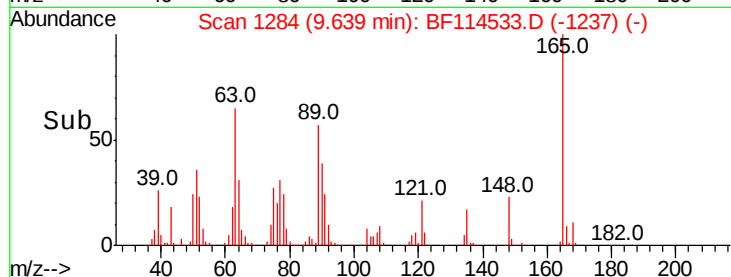
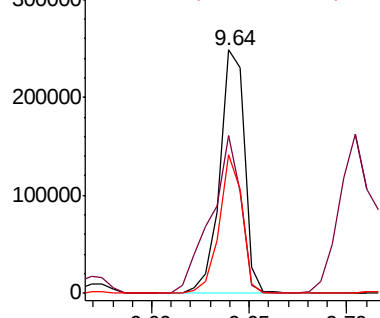
89 57.1 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.859 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

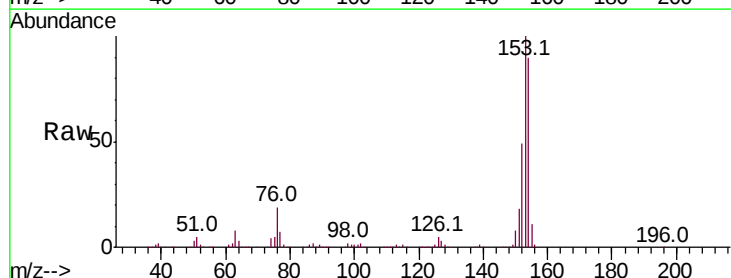
Tgt Ion:154 Resp: 787444

Ion Ratio Lower Upper

154 100

153 111.0 90.5 135.7

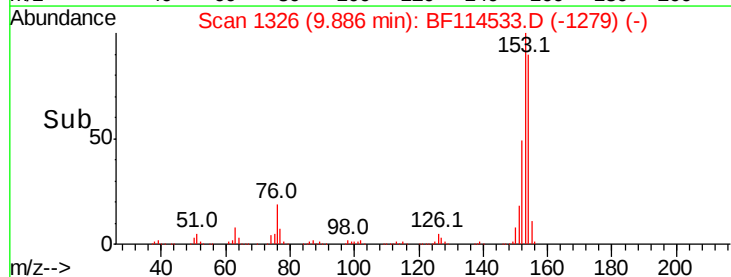
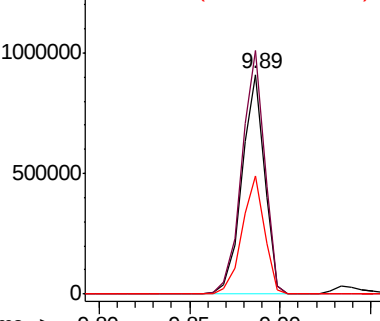
152 54.1 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.880 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampled :

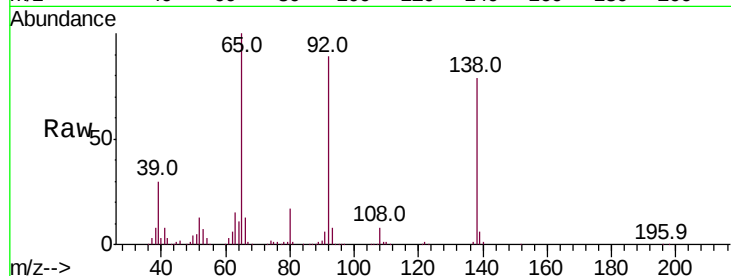
Tot Ion:138 Resp: 275580

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

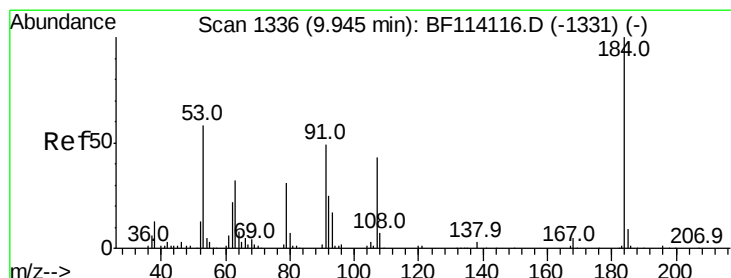
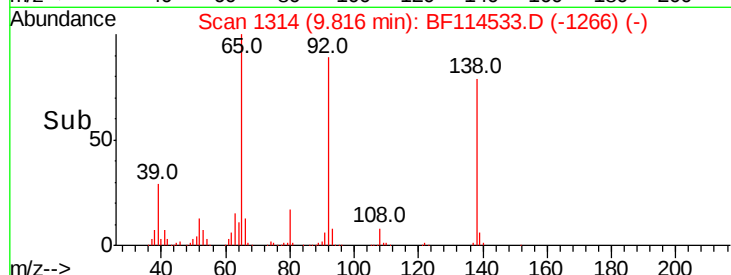
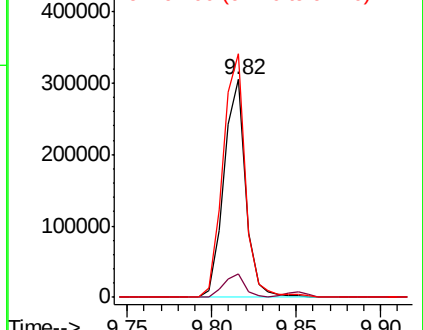
92 112.0 91.2 136.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 34.498 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

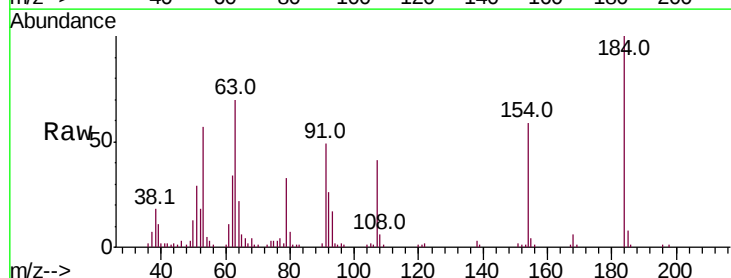
Tgt Ion:184 Resp: 80787

Ion Ratio Lower Upper

184 100

63 70.0 55.6 83.4

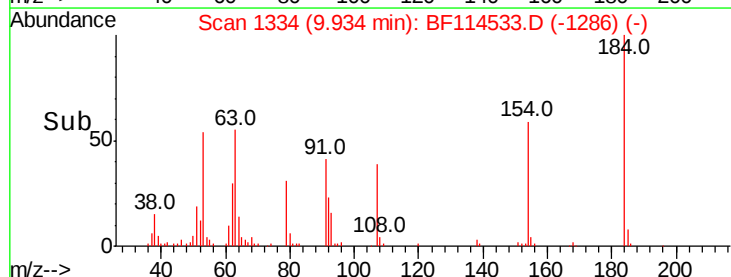
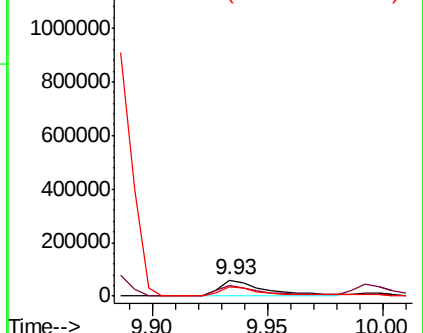
154 58.6 46.0 69.0

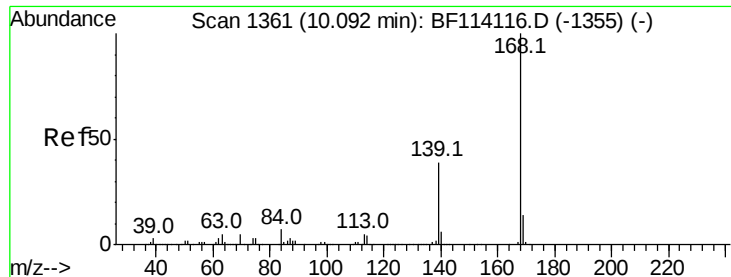


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

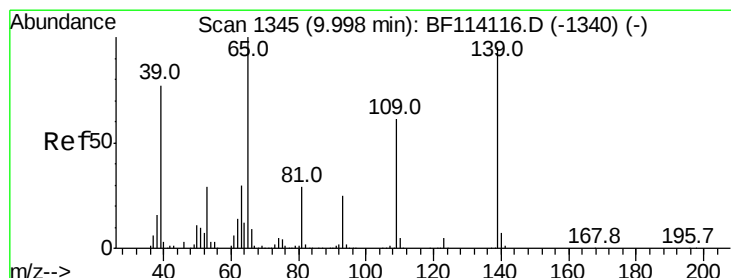
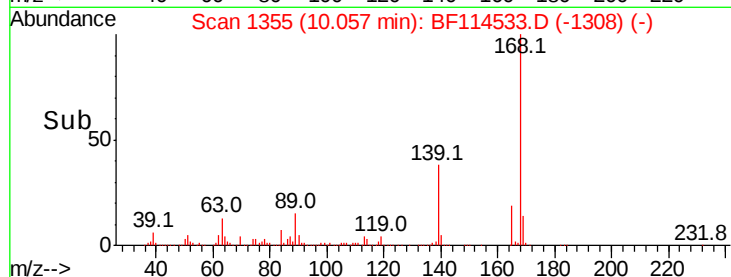
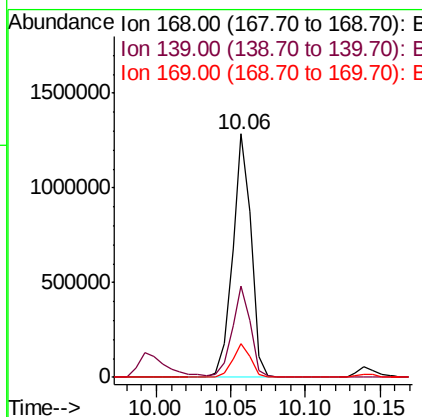
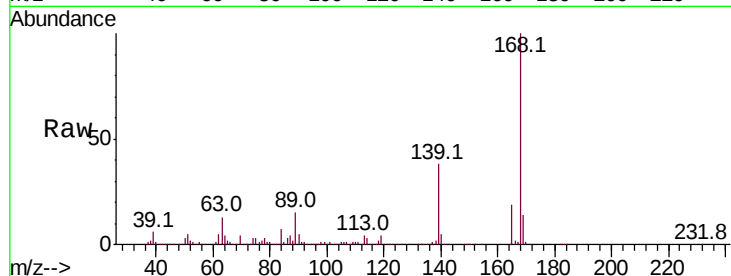




#55
Dibenzenofuran
Concen: 38.633 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

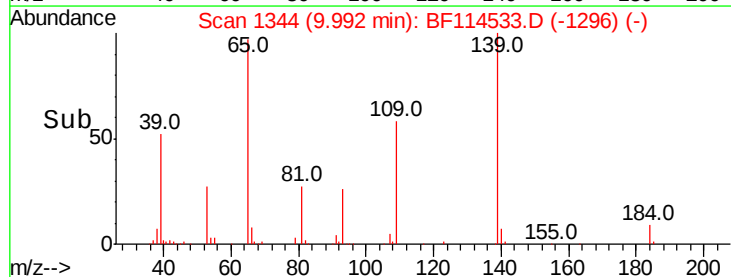
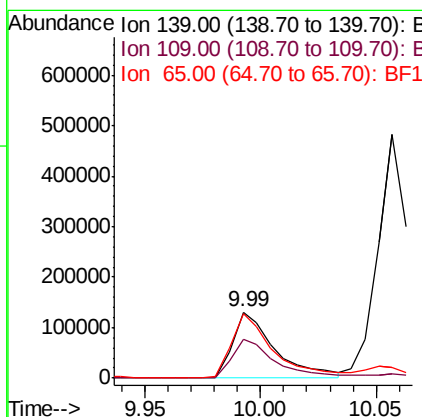
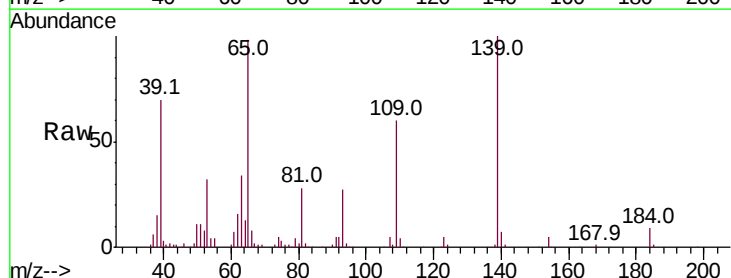
Instrument :
BNA_F
ClientSampleId :

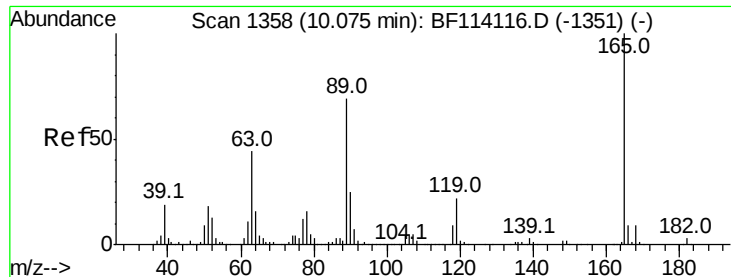
Tot Ion:168 Resp: 1119138
Ion Ratio Lower Upper
168 100
139 37.5 31.1 46.7
169 13.6 11.4 17.0



#56
4-Nitrophenol
Concen: 35.847 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:139 Resp: 166816
Ion Ratio Lower Upper
139 100
109 59.6 43.9 83.9
65 98.0 85.7 125.7

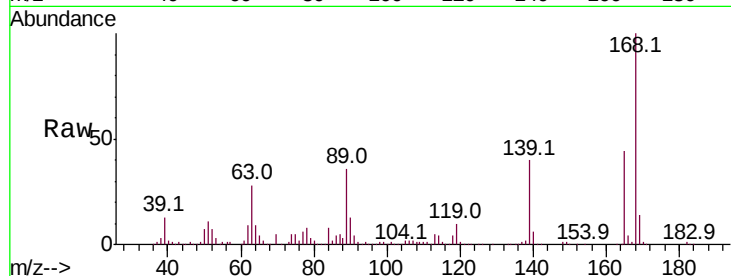




#57
 2,4-Dinitrotoluene
 Concen: 37.639 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.5	35.5	53.3#
89	82.7	55.2	82.8
182	2.7	2.2	3.2



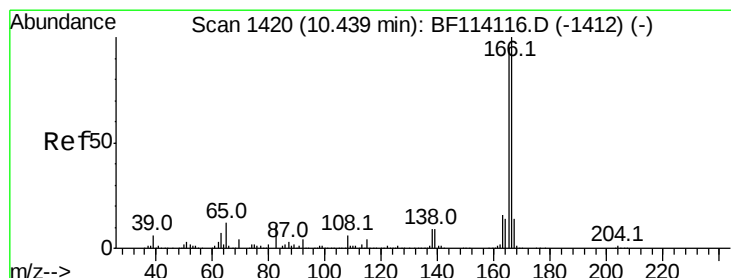
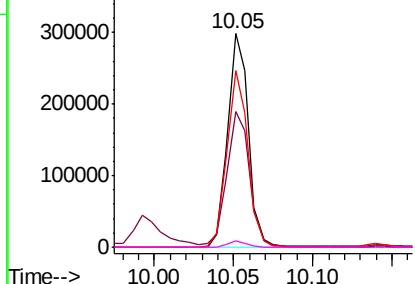
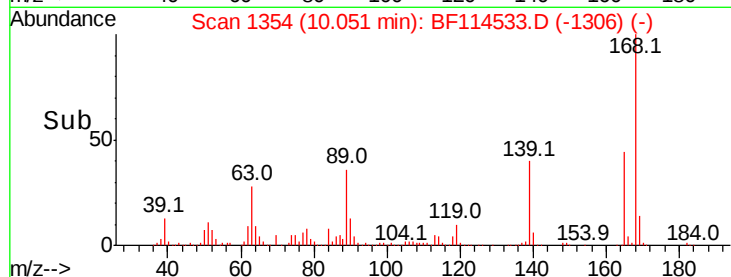
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

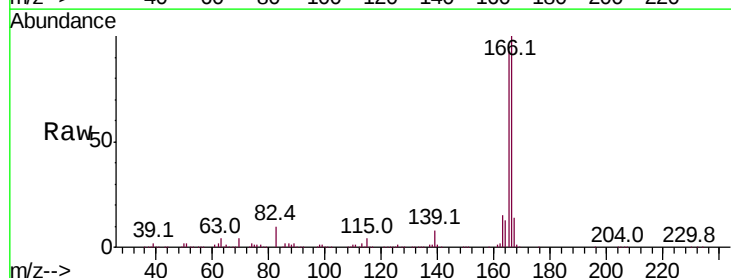
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.825 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	76.1	114.1
167	13.8	11.1	16.7

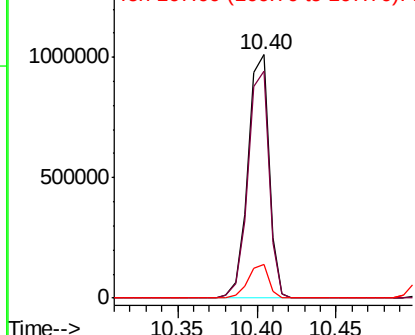
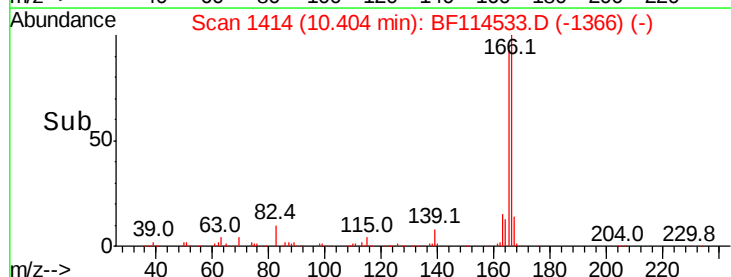


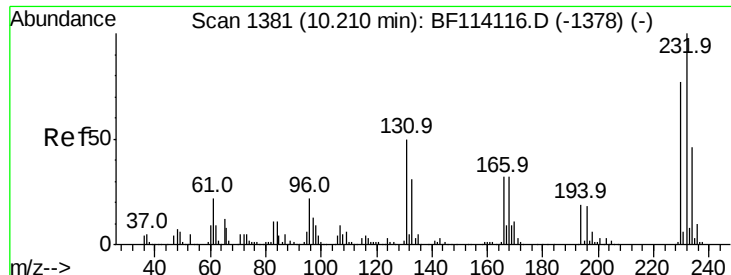
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

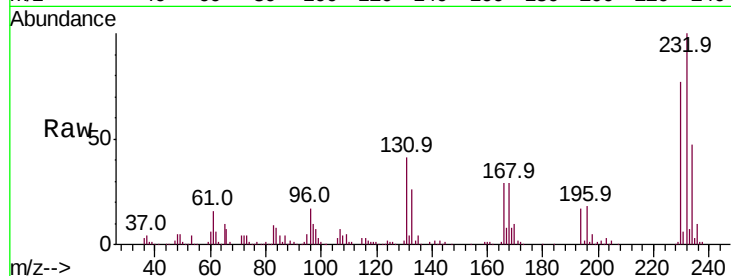




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.441 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	35.6	53.4
130	2.1	1.6	2.4
166	30.1	24.1	36.1



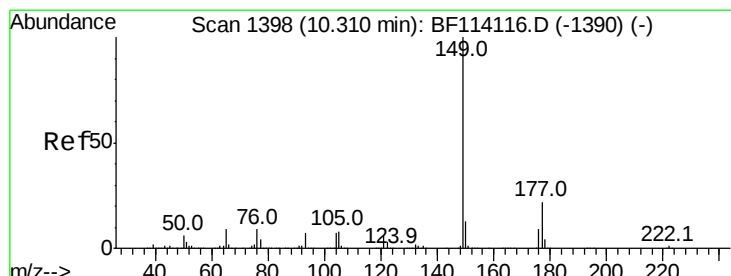
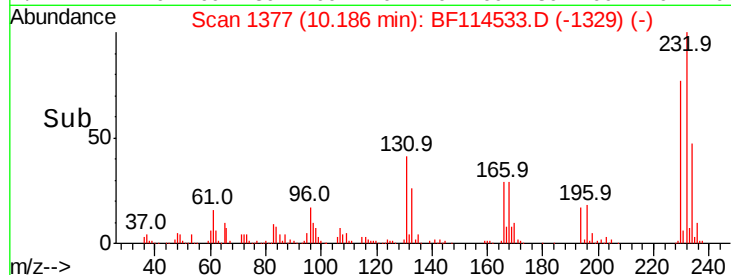
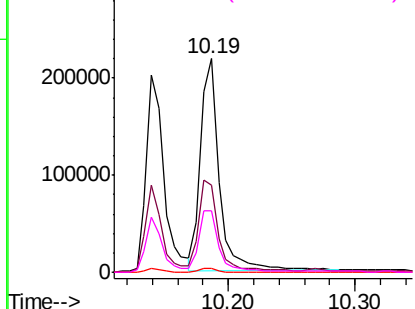
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

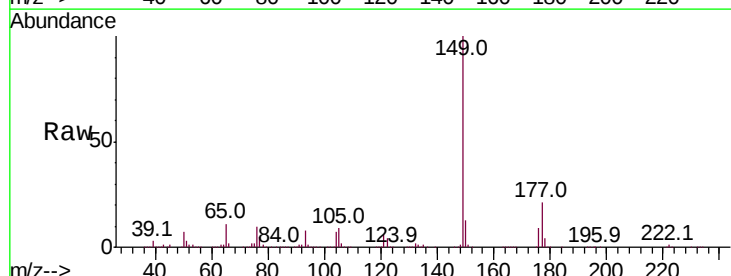
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.637 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.8	26.6
150	12.8	10.2	15.2

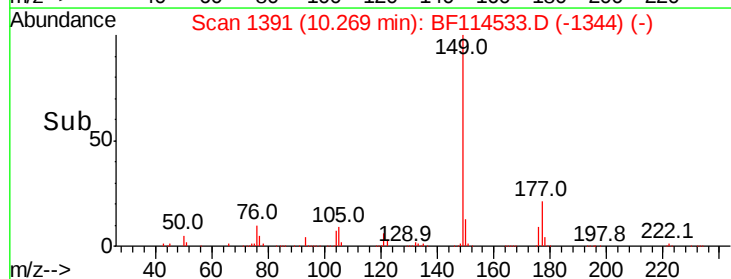
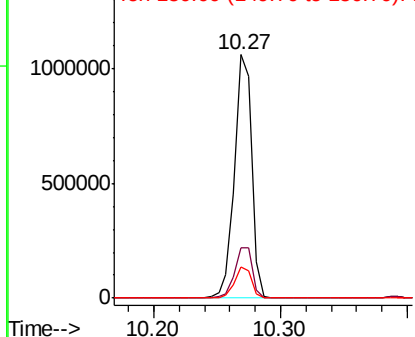


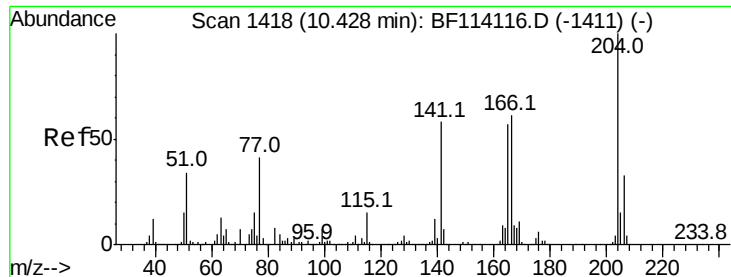
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

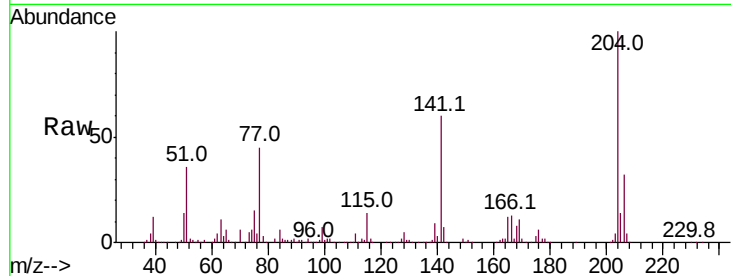




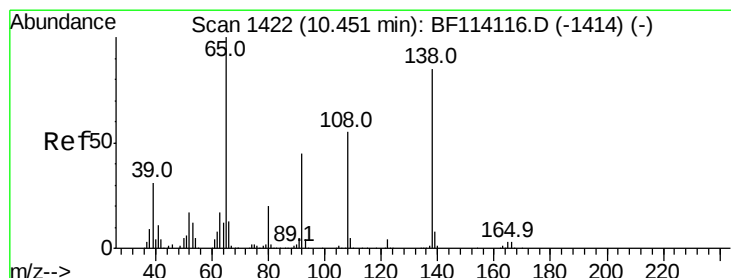
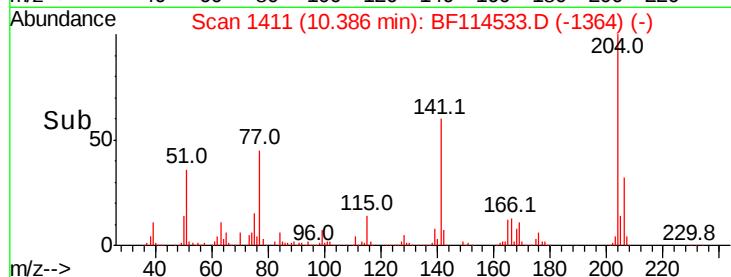
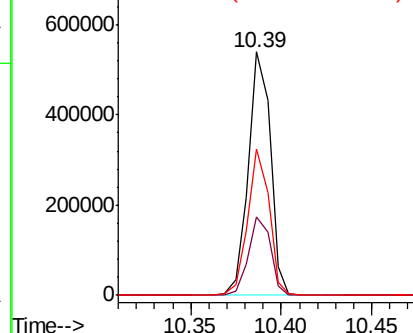
#61
4-Chlorophenyl-phenylether
Concen: 41.688 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 458151
Ion Ratio Lower Upper
204 100
206 32.0 26.6 39.8
141 59.9 46.4 69.6

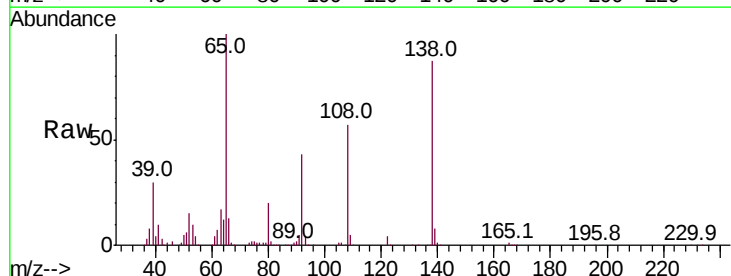


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

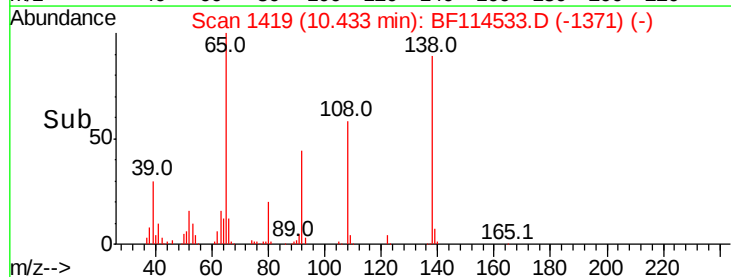
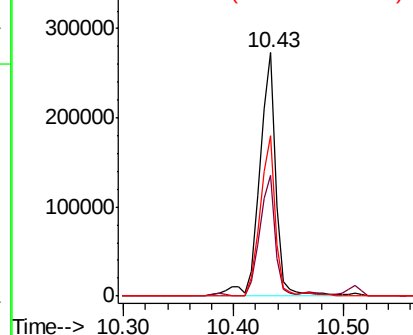


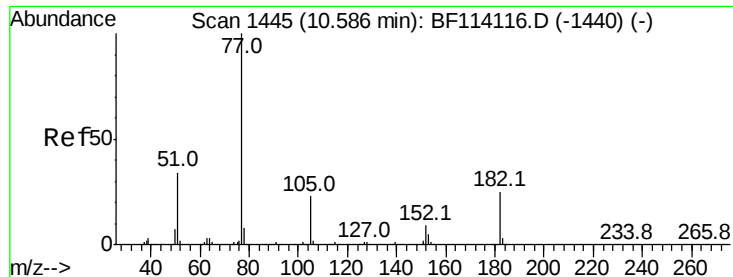
#62
4-Nitroaniline
Concen: 40.949 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:138 Resp: 283151
Ion Ratio Lower Upper
138 100
92 49.6 33.0 73.0
108 66.1 44.9 84.9



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





#63

Azobenzene

Concen: 39.534 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 929267

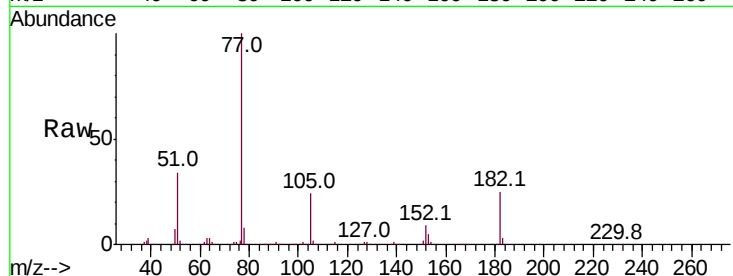
Ion Ratio Lower Upper

77 100

182 25.4 4.7 44.7

105 23.7 2.9 42.9

51 34.4 14.6 54.6

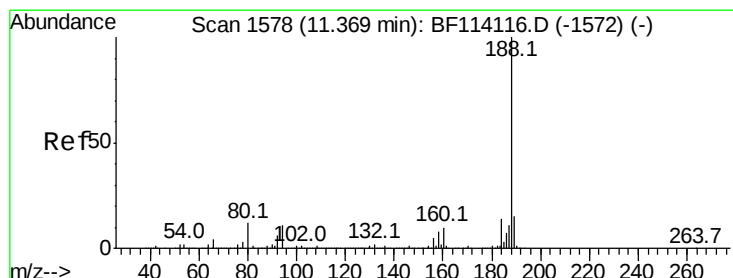
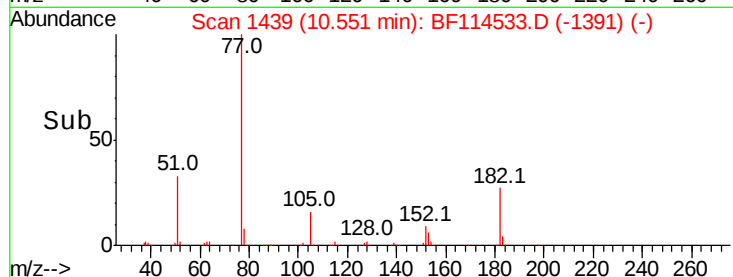
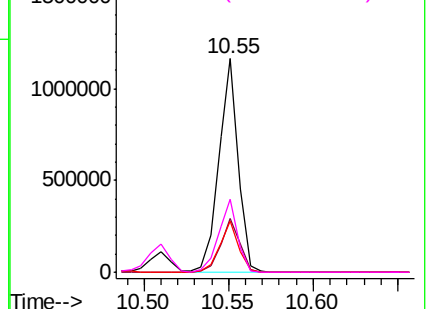


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

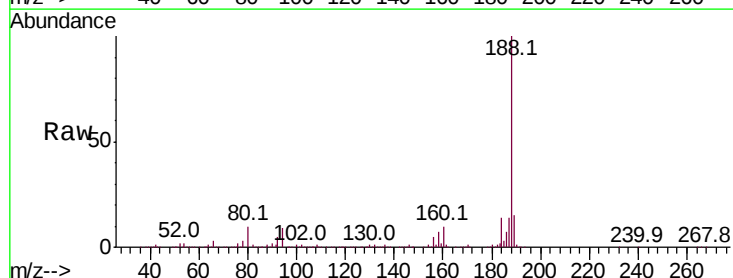
Tgt Ion: 188 Resp: 660480

Ion Ratio Lower Upper

188 100

94 9.0 8.4 12.6

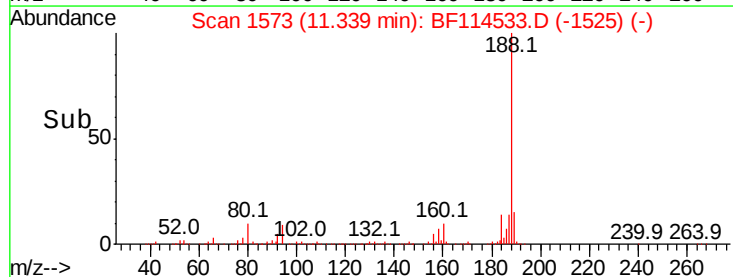
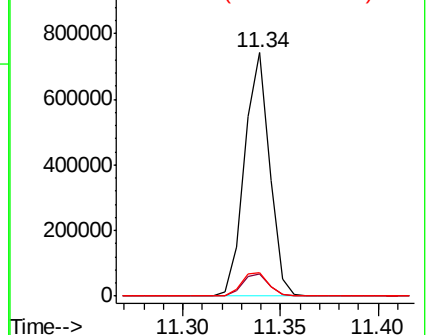
80 9.9 9.2 13.8

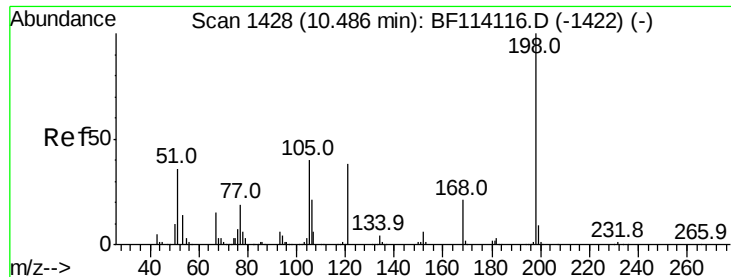


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

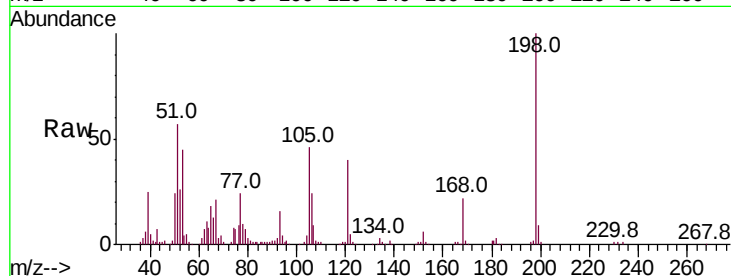




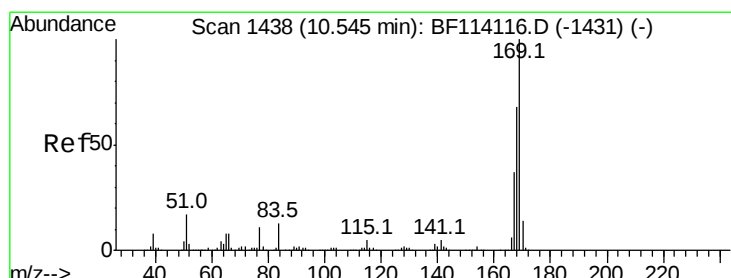
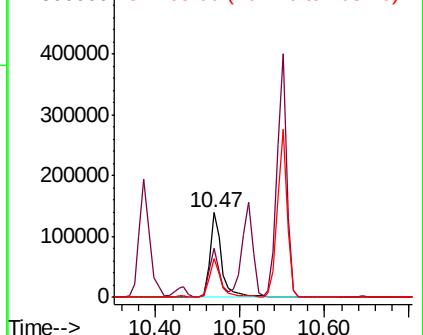
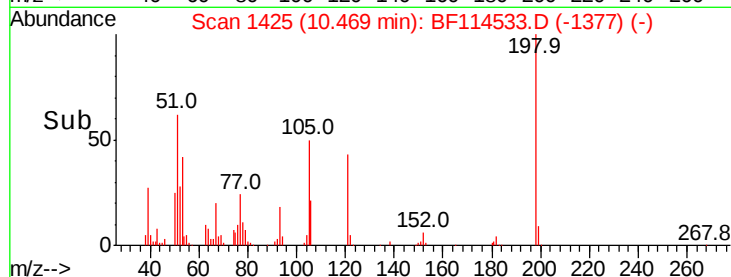
#65
4,6-Dinitro-2-methylphenol
Concen: 43.074 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 136703
Ion Ratio Lower Upper
198 100
51 57.3 28.0 68.0
105 46.2 21.1 61.1

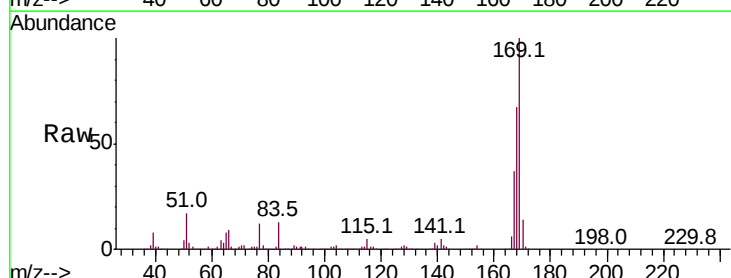


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

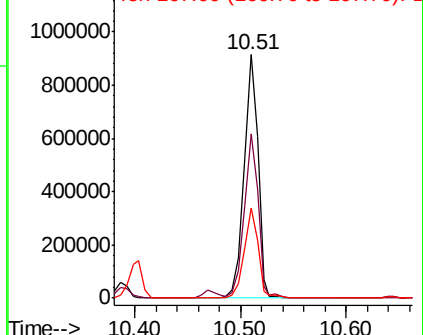
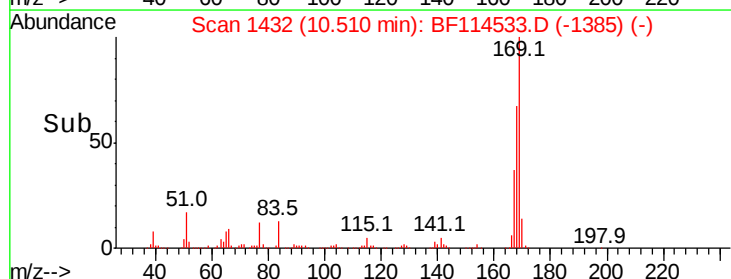


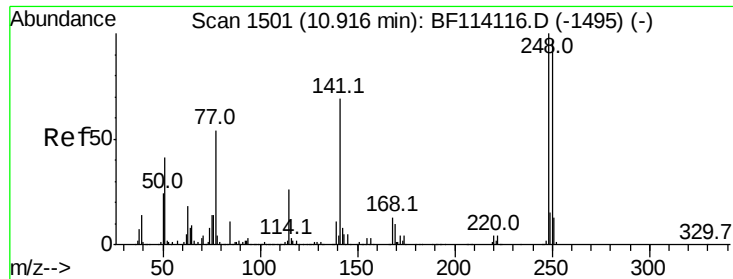
#66
n-Nitrosodiphenylamine
Concen: 41.041 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:169 Resp: 822702
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.2
167 36.9 29.8 44.8



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

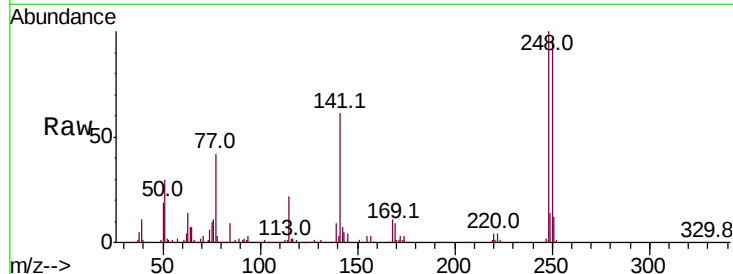




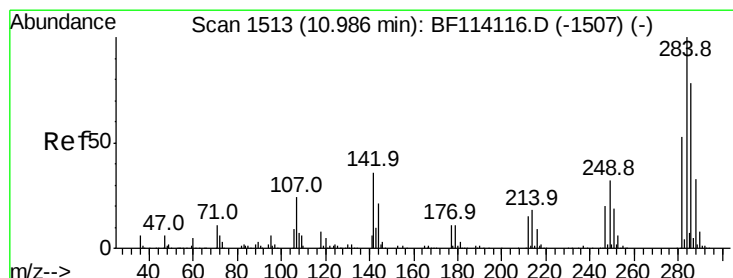
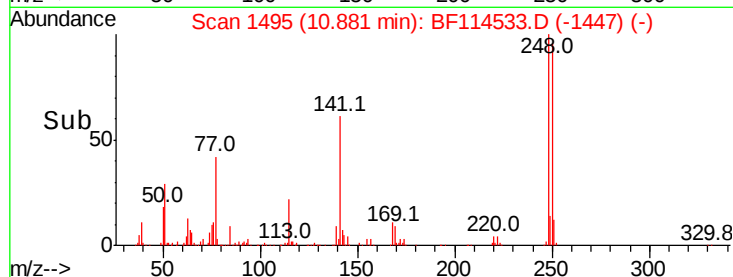
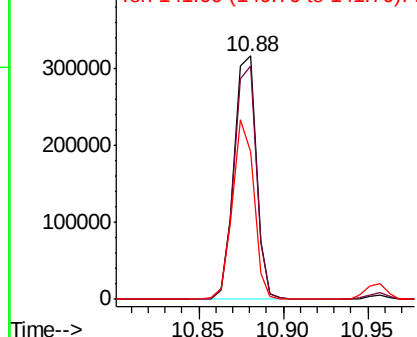
#67
4-Bromophenyl-phenylether
Concen: 39.930 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 290378
Ion Ratio Lower Upper
248 100
250 95.9 77.4 116.2
141 60.7 55.6 83.4

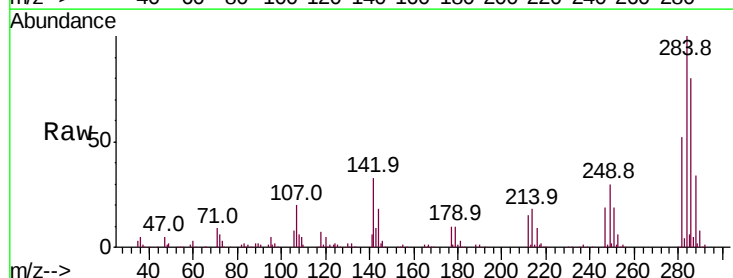


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

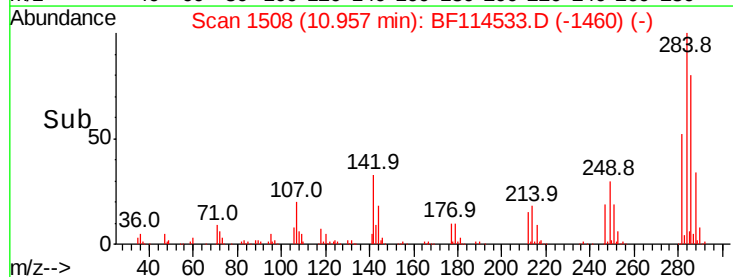
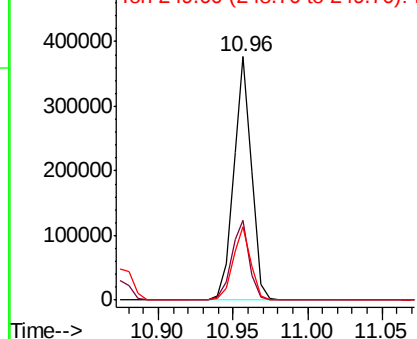


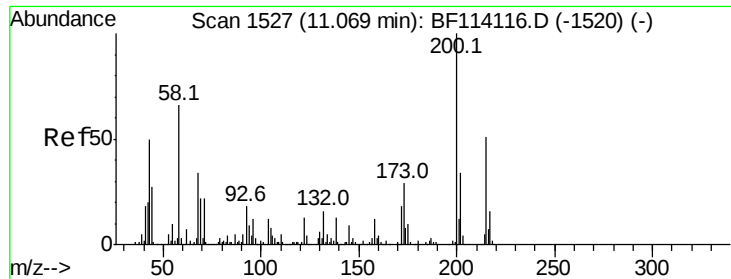
#68
Hexachlorobenzene
Concen: 39.353 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:284 Resp: 316593
Ion Ratio Lower Upper
284 100
142 32.9 28.4 42.6
249 30.4 25.2 37.8



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

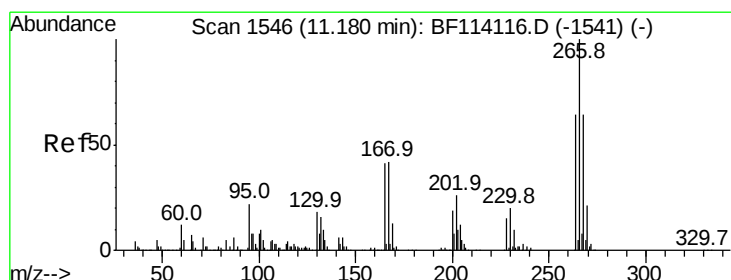
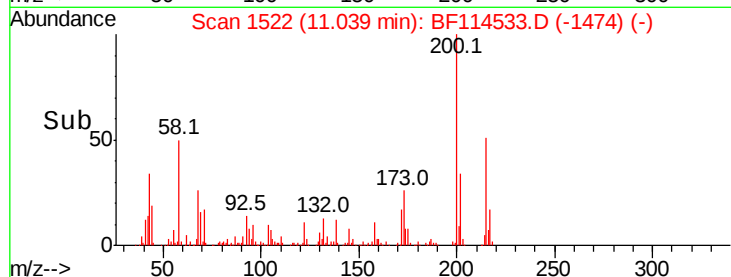
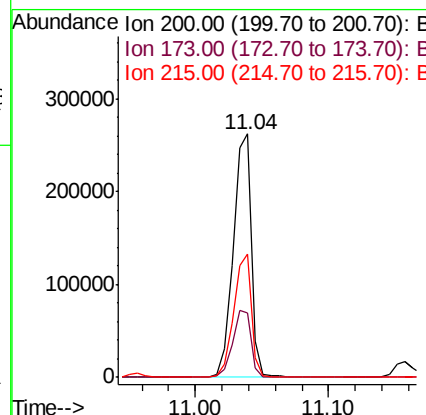
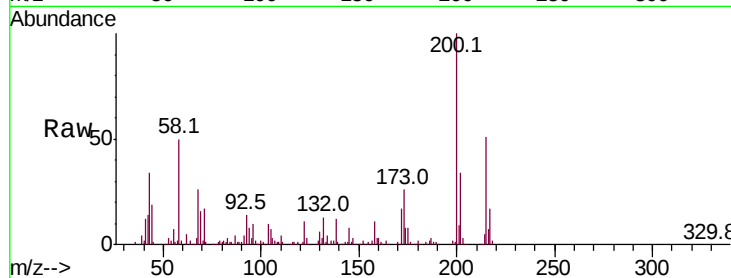




#69
Atrazine
Concen: 40.276 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

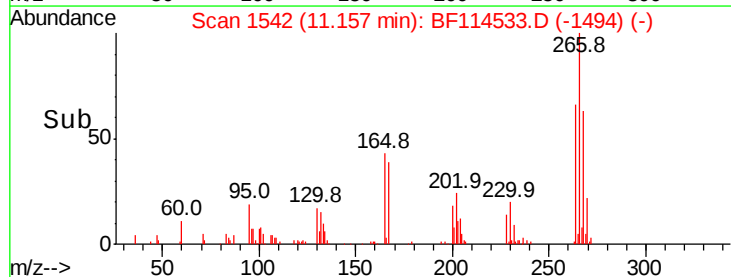
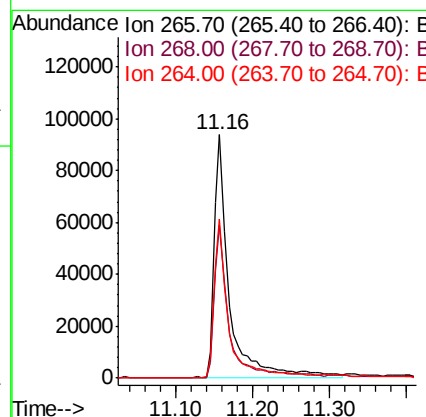
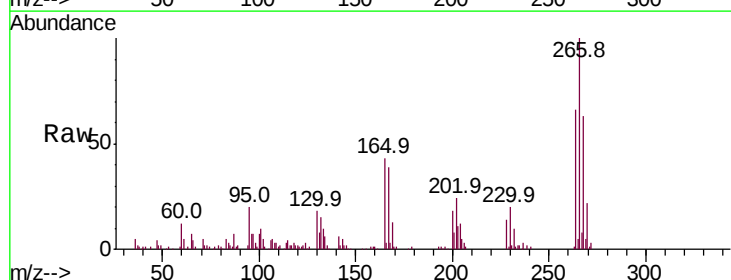
Instrument :
BNA_F
ClientSampleId :

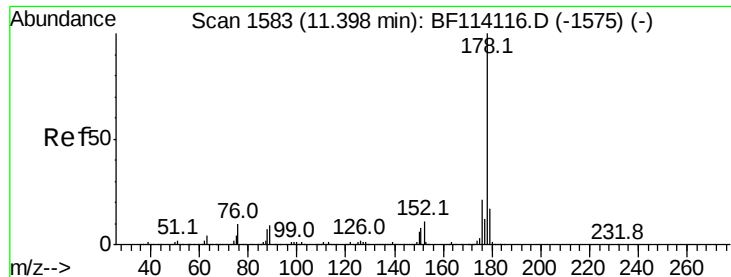
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	8.9	48.9
215	50.6	30.7	70.7



#70
Pentachlorophenol
Concen: 33.830 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	65.5	51.1	76.7

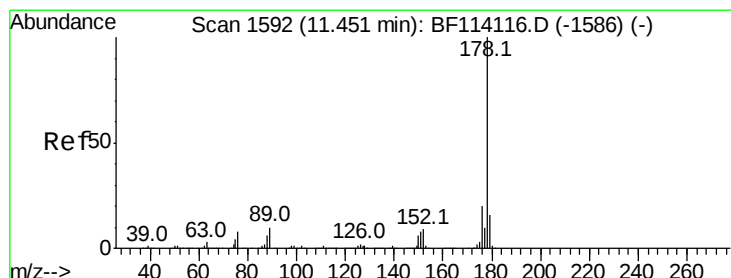
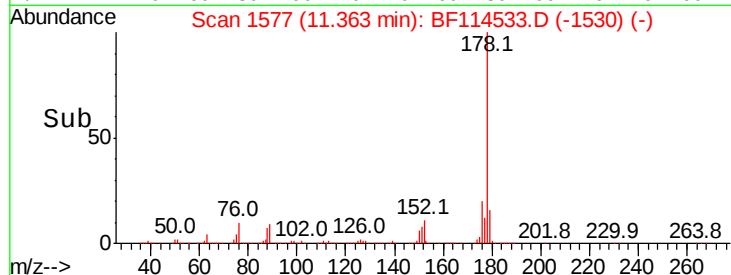
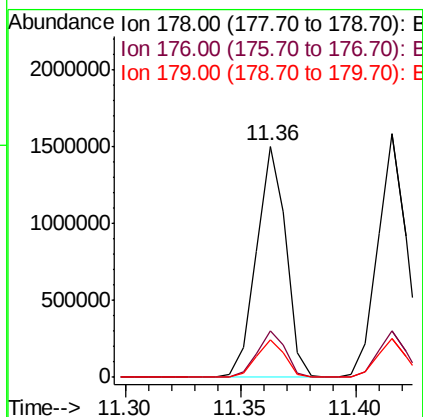
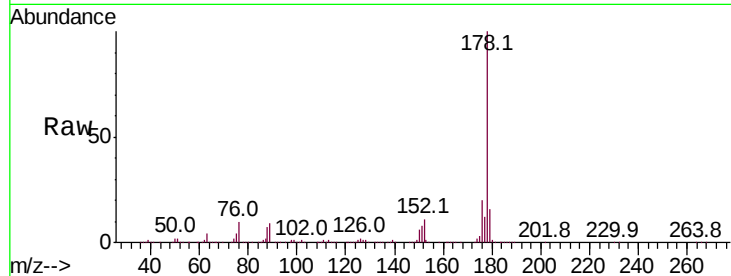




#71
Phenanthrene
Concen: 41.696 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

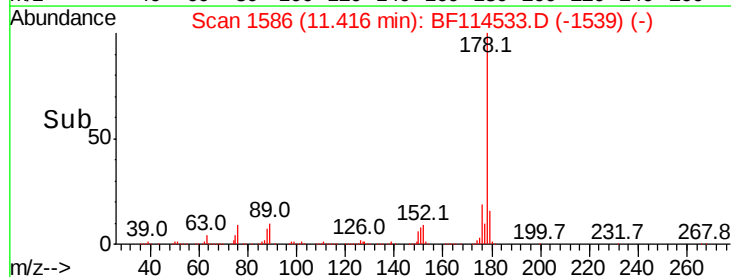
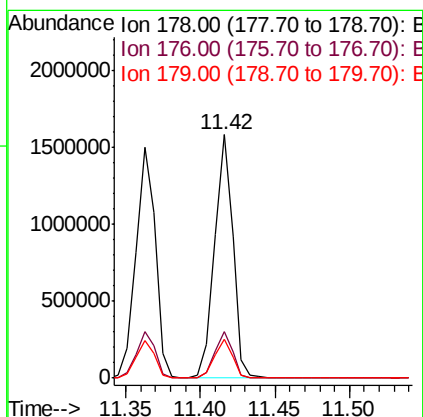
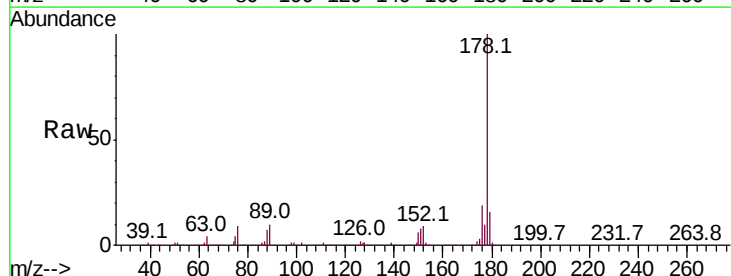
Instrument :
BNA_F
ClientSampleId :

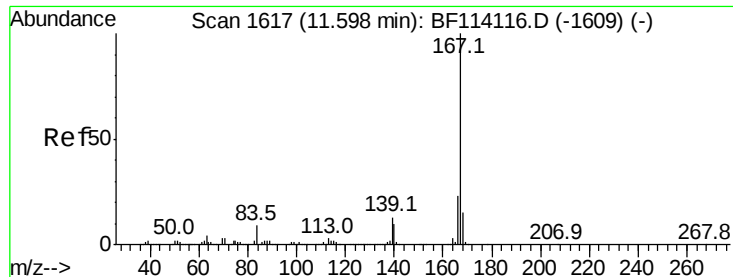
Tot Ion:178 Resp: 1339821
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 16.0 13.2 19.8



#72
Anthracene
Concen: 41.868 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:178 Resp: 1351285
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 16.0 13.0 19.4





#73

Carbazole

Concen: 41.963 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

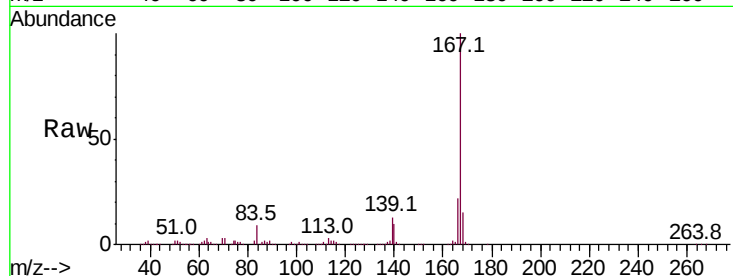
Tot Ion:167 Resp: 1291496

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

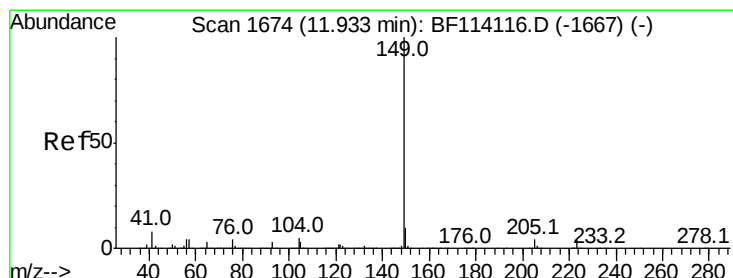
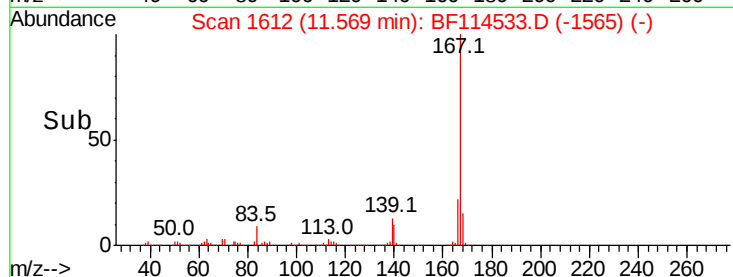
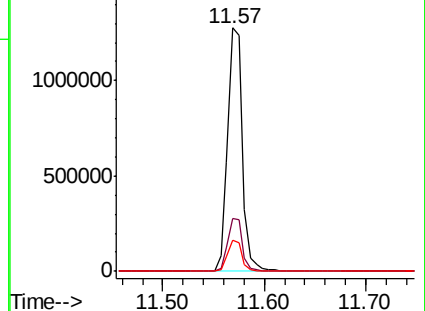
139 12.8 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.724 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

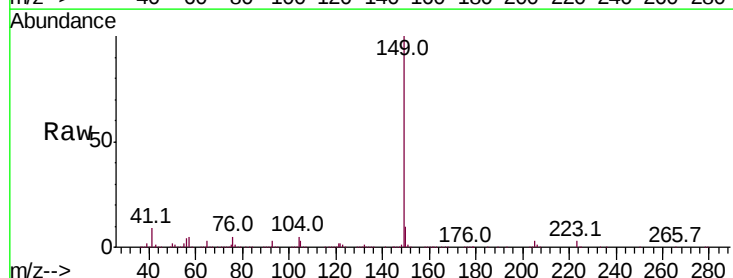
Tgt Ion:149 Resp: 1550345

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

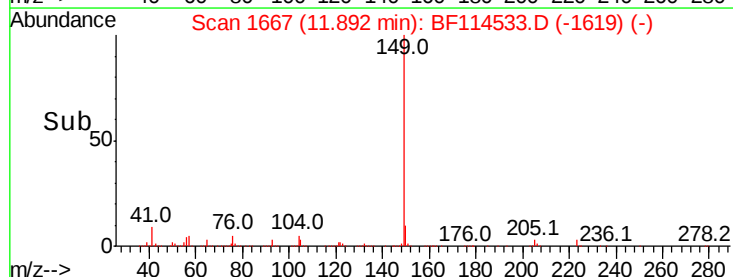
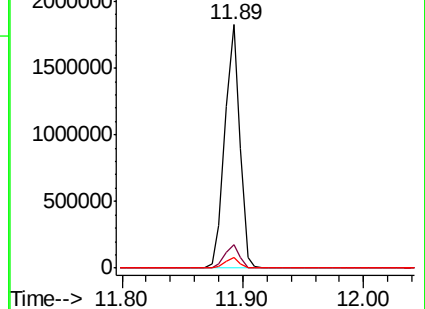
104 4.6 3.6 5.4

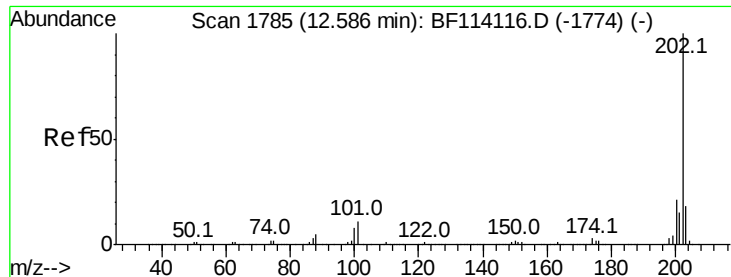


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

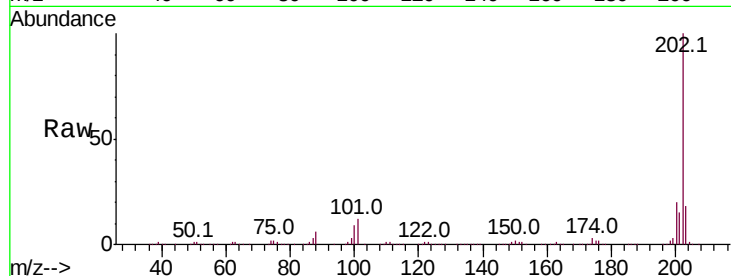




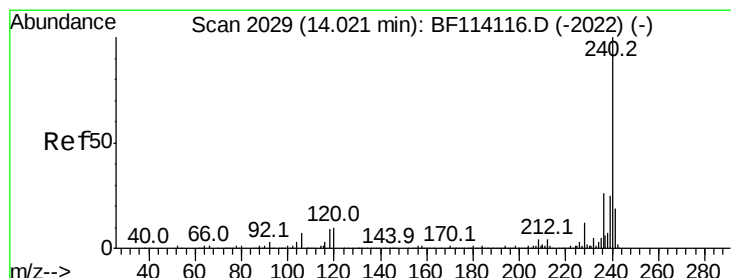
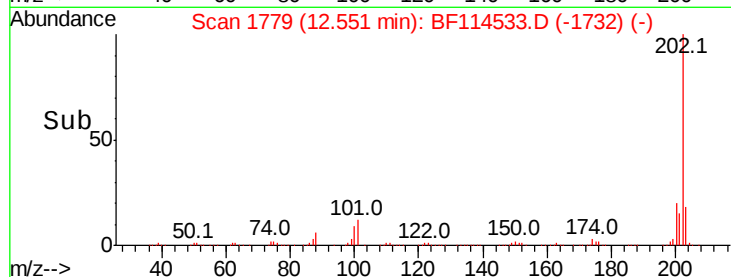
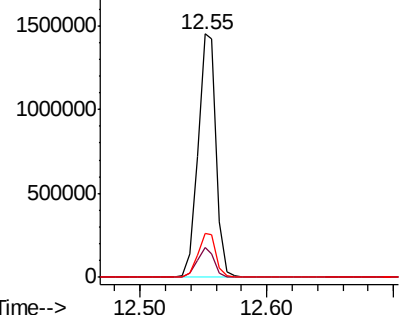
#75
 Fluoranthene
 Concen: 42.113 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1457236
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 31.0
 203 18.3 0.0 38.4

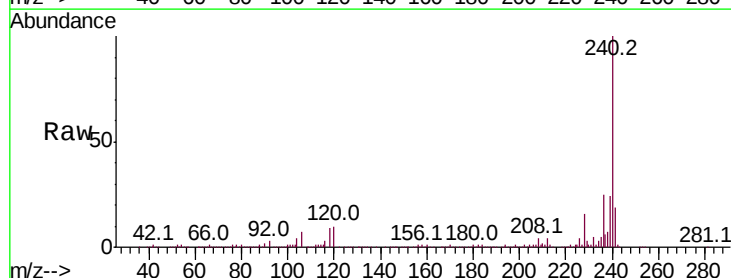


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

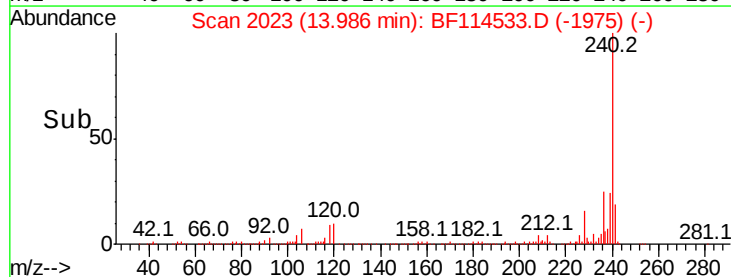
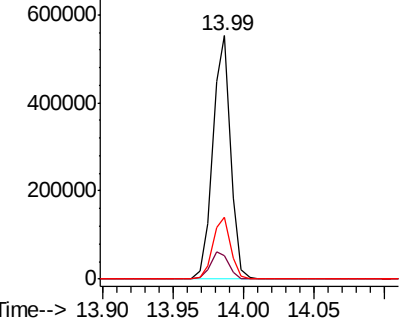


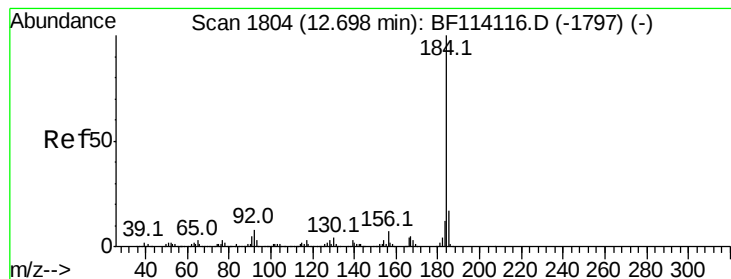
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF114533.D
 Acq: 23 May 2019 19:44

Tgt Ion:240 Resp: 479483
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.3 12.5
 236 25.3 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.836 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

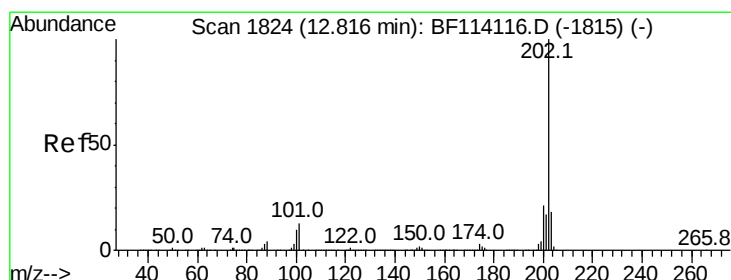
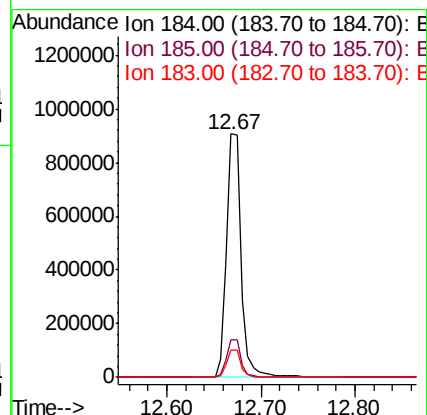
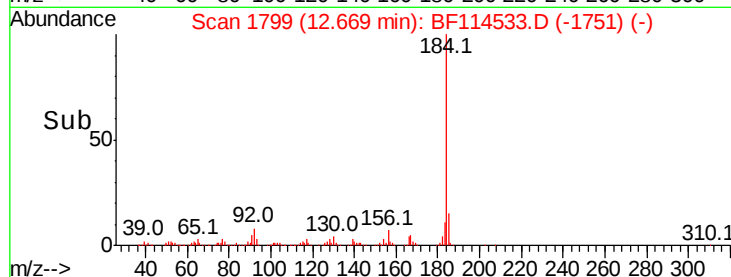
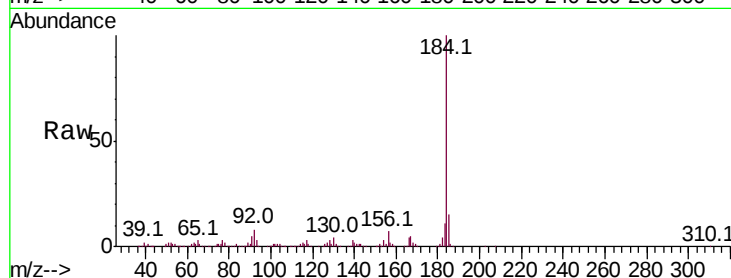
Tot Ion:184 Resp: 986544

Ion Ratio Lower Upper

184 100

185 15.5 13.6 20.4

183 11.1 9.2 13.8



#78

Pyrene

Concen: 38.358 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

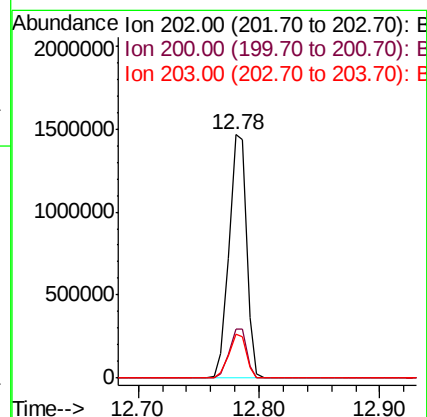
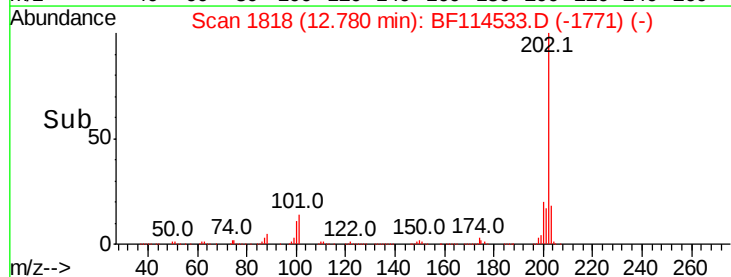
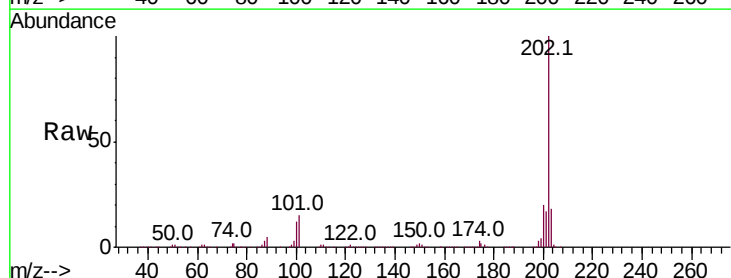
Tgt Ion:202 Resp: 1479553

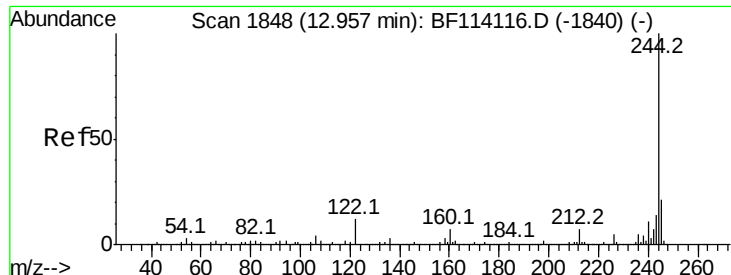
Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

203 18.3 14.5 21.7





#79

Terphenyl-d14

Concen: 77.689 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampled :

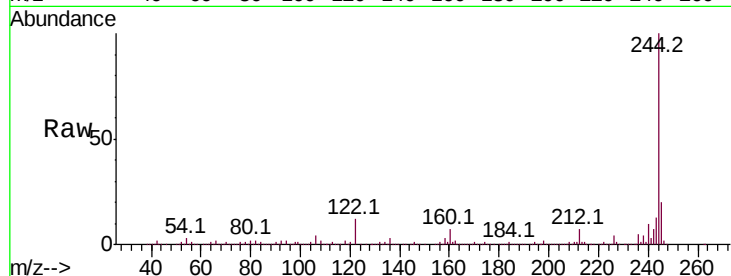
Tot Ion:244 Resp: 1807018

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

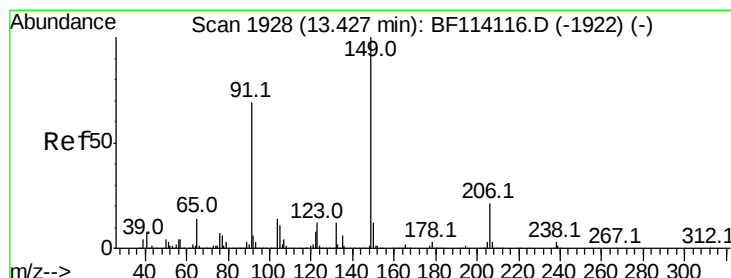
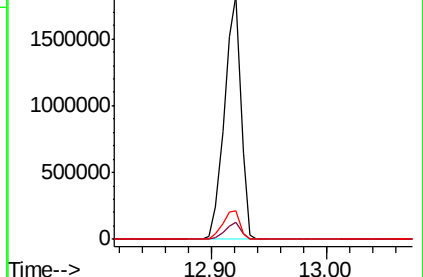
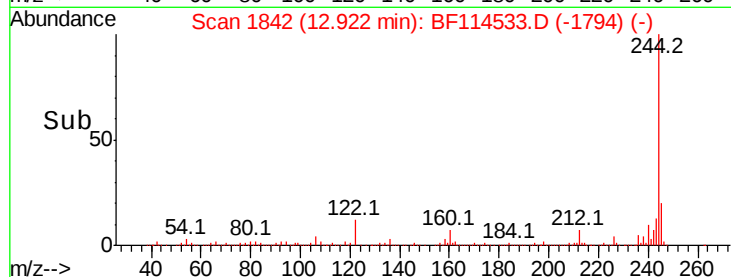
122 11.8 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.920 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

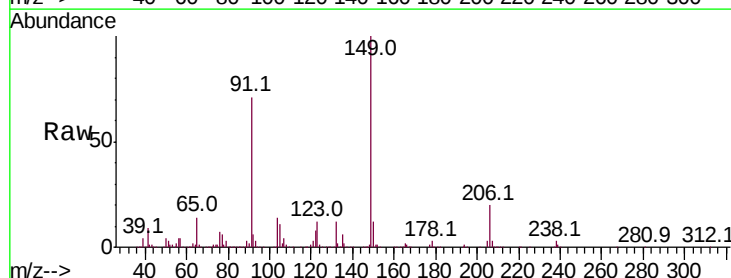
Tgt Ion:149 Resp: 680593

Ion Ratio Lower Upper

149 100

91 70.7 55.0 82.4

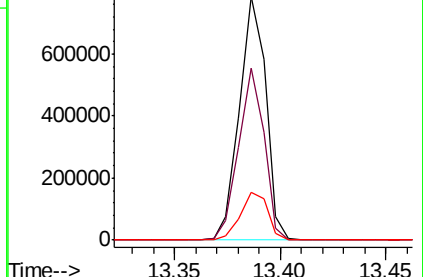
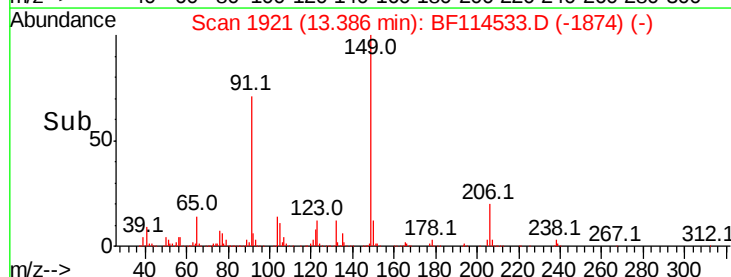
206 19.8 16.9 25.3

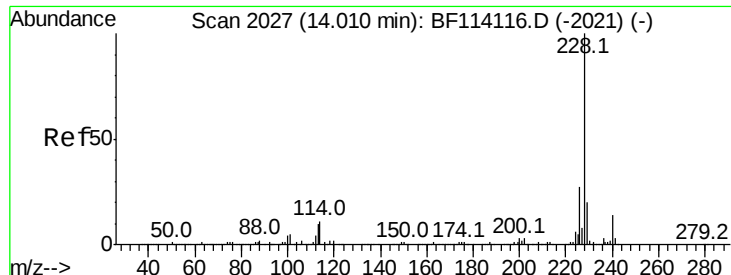


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.019 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

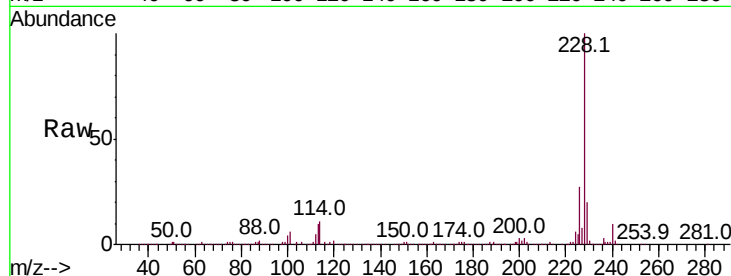
Tot Ion:228 Resp: 1303134

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

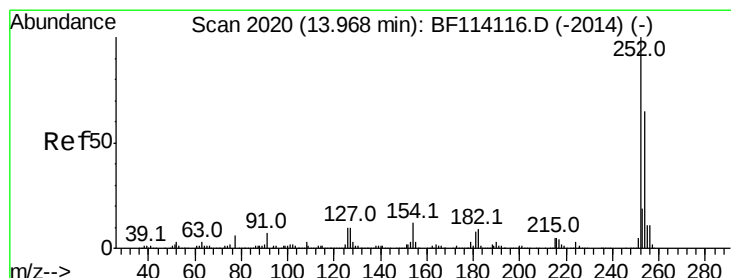
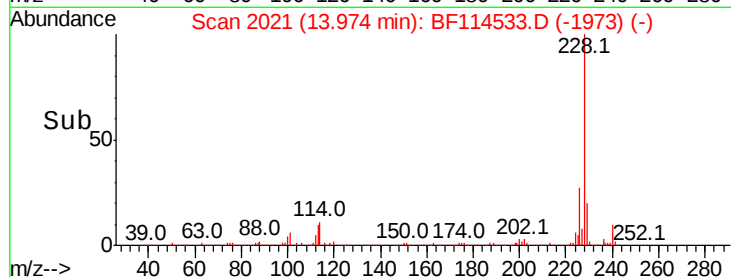
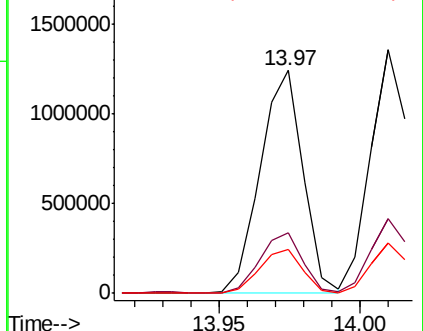
229 19.6 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.455 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

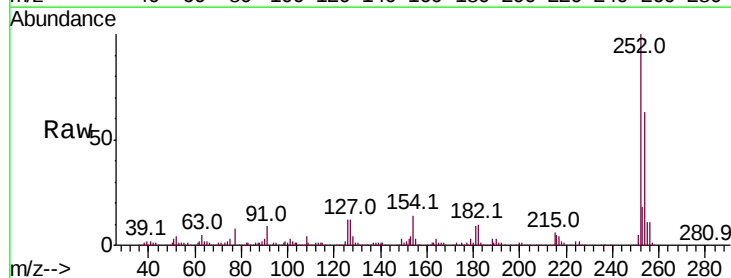
Tgt Ion:252 Resp: 498736

Ion Ratio Lower Upper

252 100

254 63.2 51.9 77.9

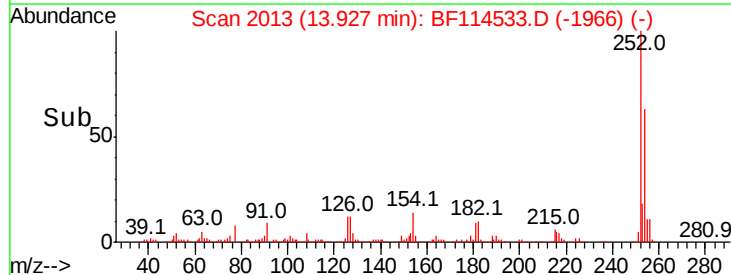
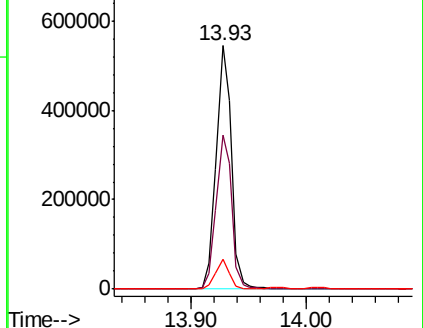
126 12.1 7.9 11.9#

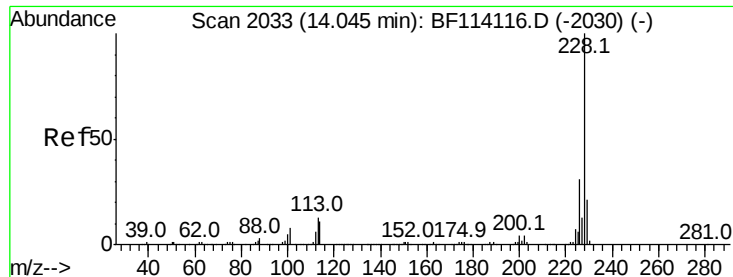


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.759 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

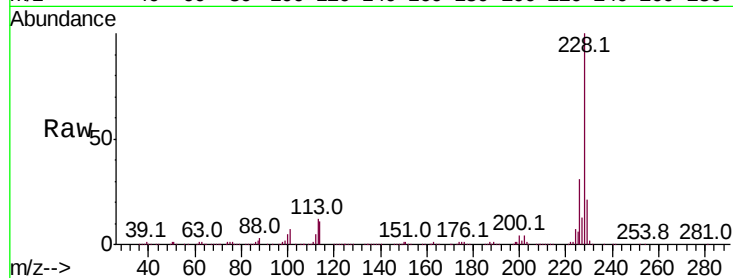
Tot Ion:228 Resp: 1239125

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

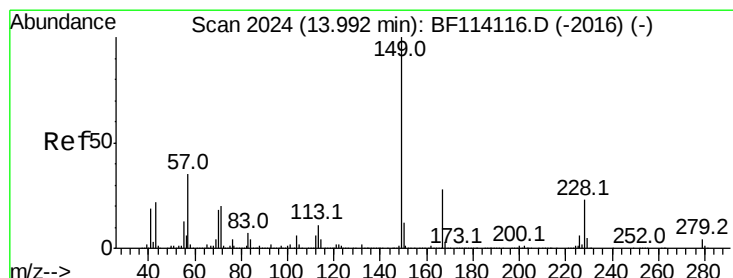
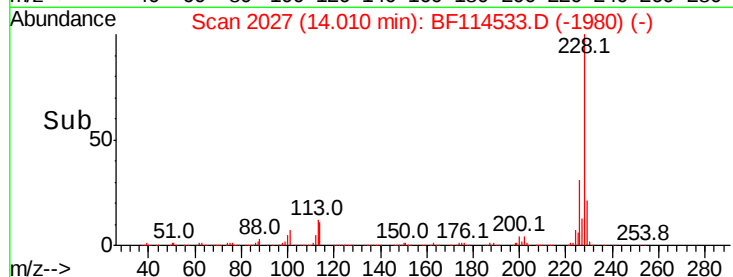
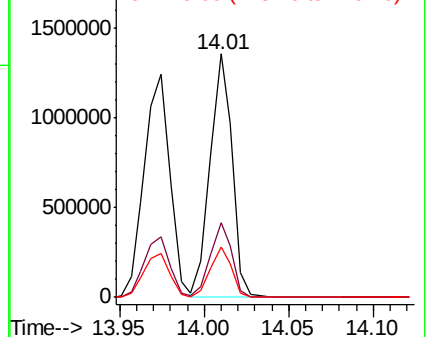
229 20.5 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.575 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

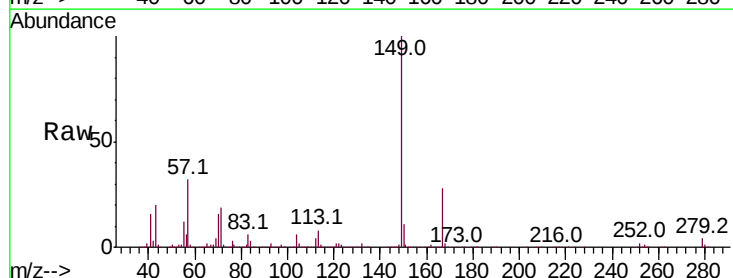
Tgt Ion:149 Resp: 925253

Ion Ratio Lower Upper

149 100

167 27.8 22.6 33.8

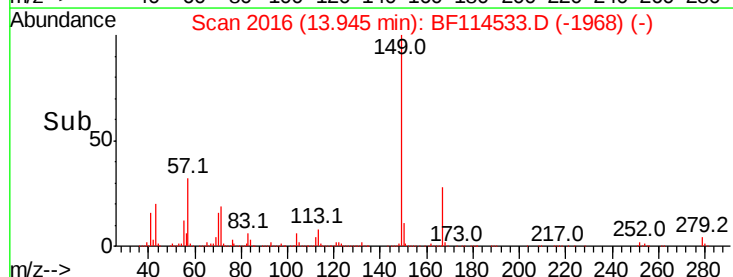
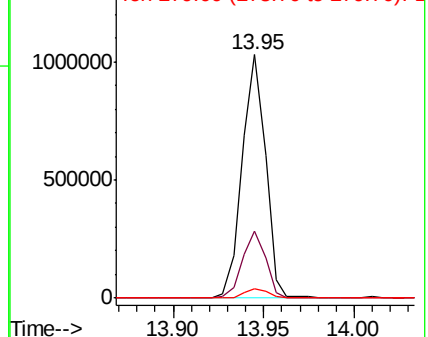
279 3.8 3.0 4.6

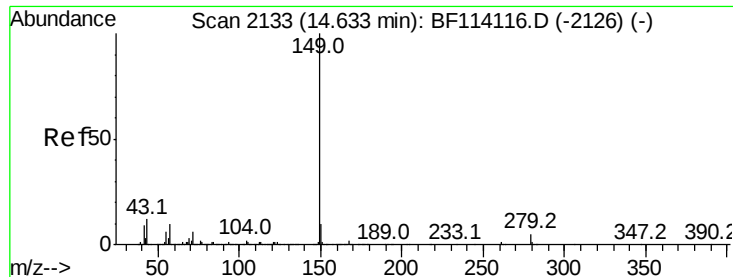


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.091 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

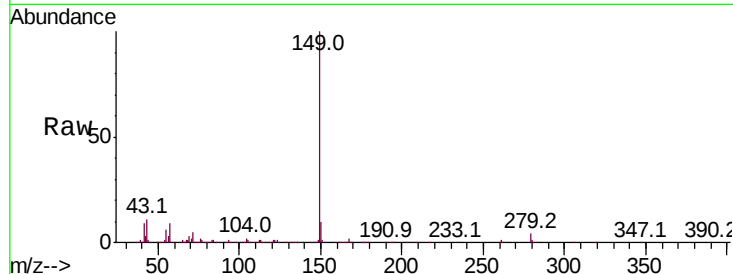
Tot Ion:149 Resp: 1517649

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

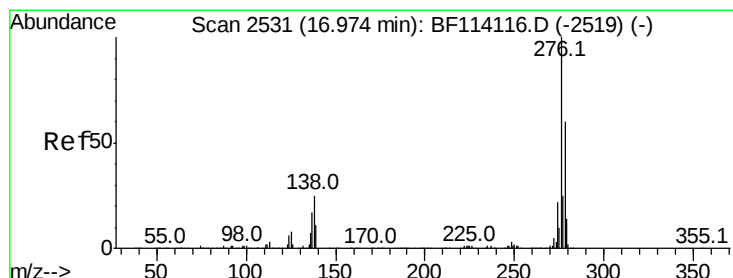
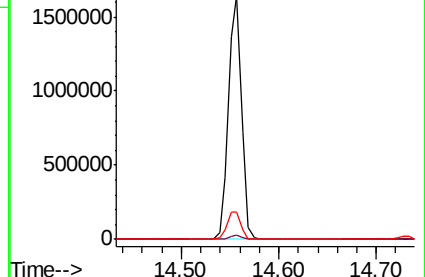
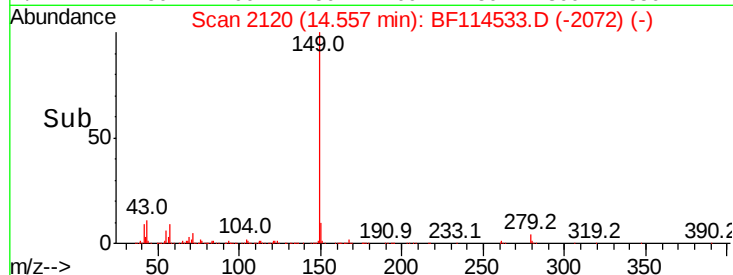
43 12.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.778 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

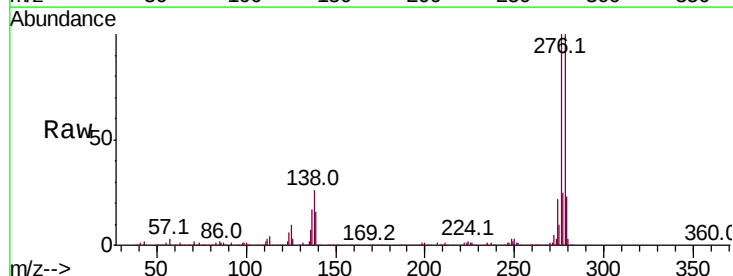
Tgt Ion:276 Resp: 1095618

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.2

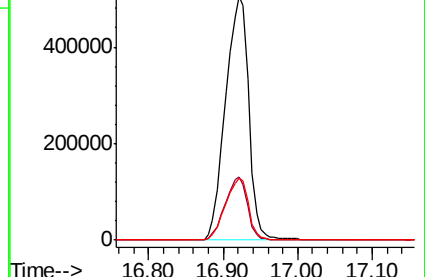
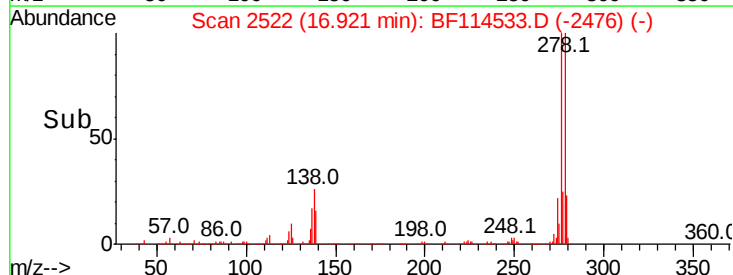
277 25.2 20.0 30.0

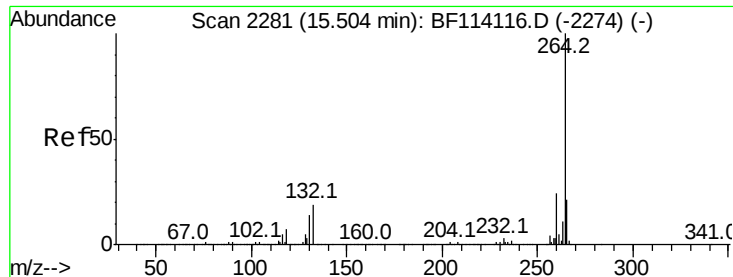


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampled :

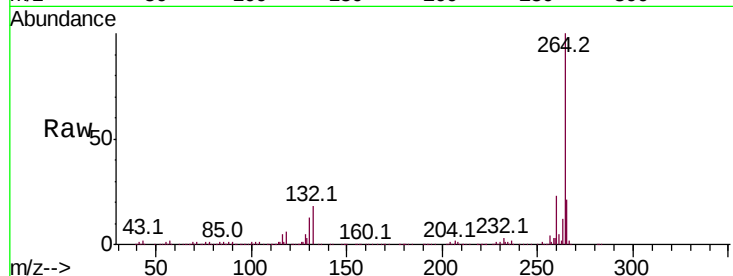
Tot Ion:264 Resp: 495348

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

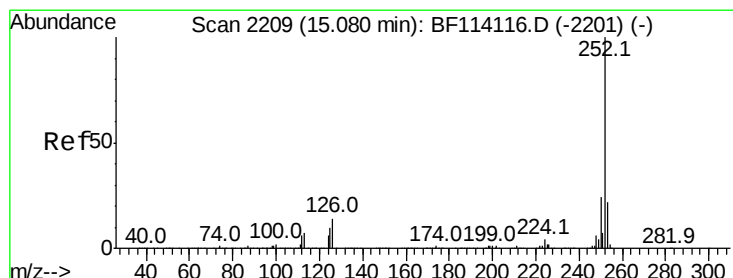
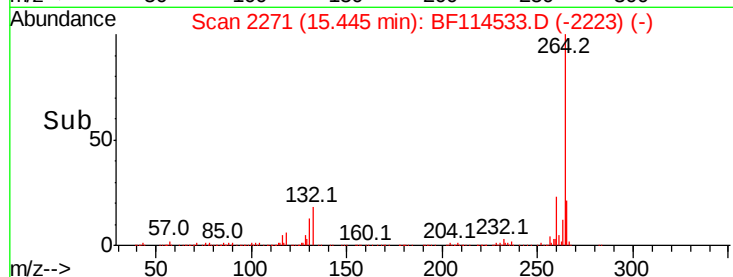
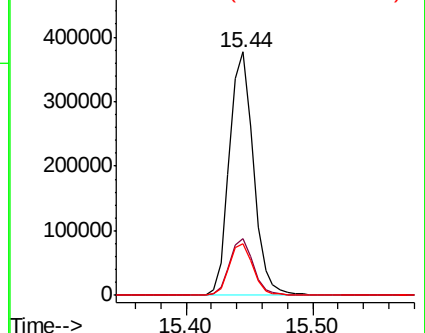
265 21.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.140 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

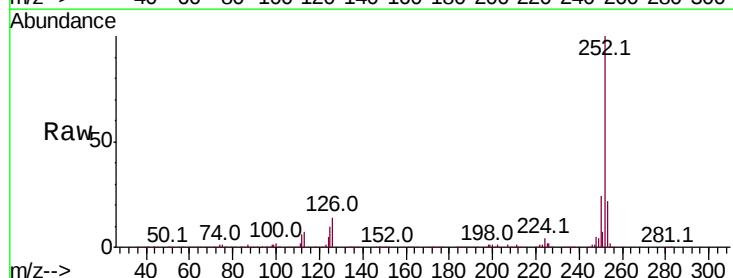
Tgt Ion:252 Resp: 1242114

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

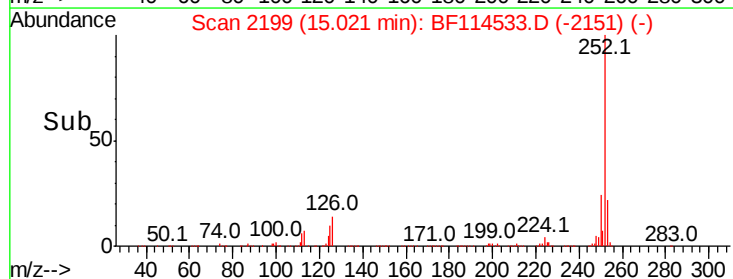
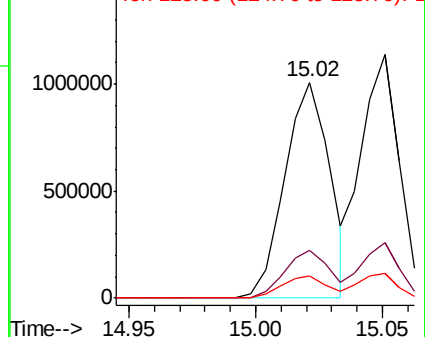
125 10.3 8.3 12.5

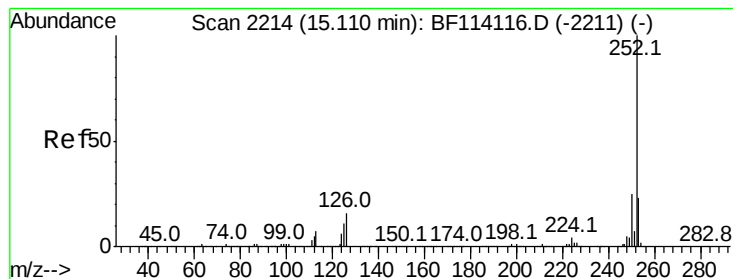


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.329 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

Instrument :

BNA_F

ClientSampleId :

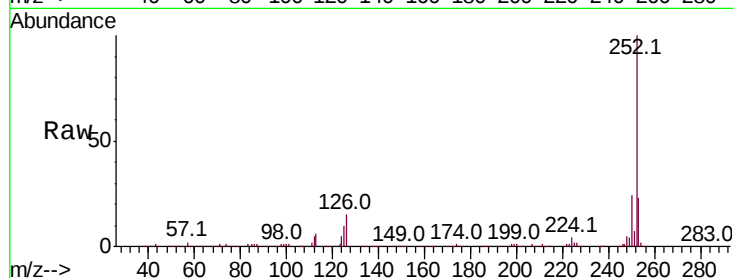
Tot Ion:252 Resp: 1204797

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

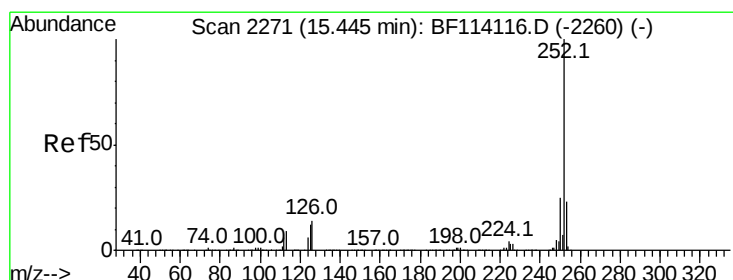
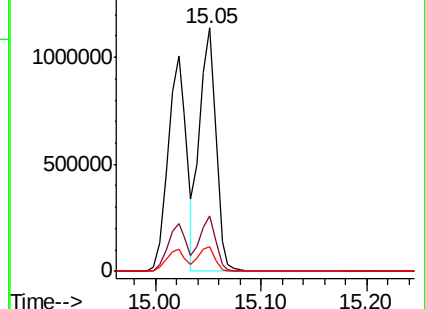
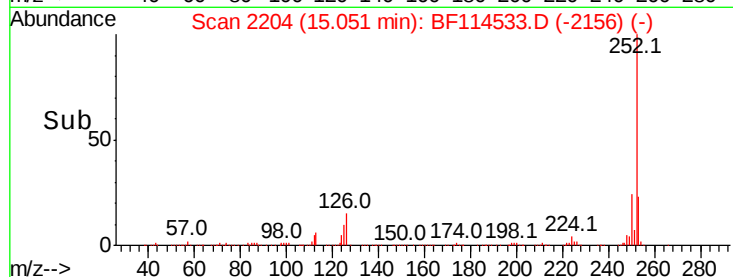
125 10.0 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.938 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.02 min

Lab File: BF114533.D

Acq: 23 May 2019 19:44

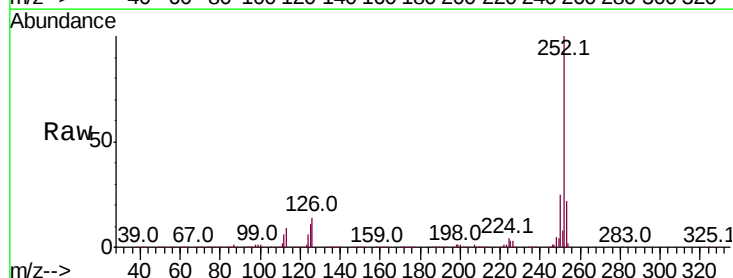
Tgt Ion:252 Resp: 1143375

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

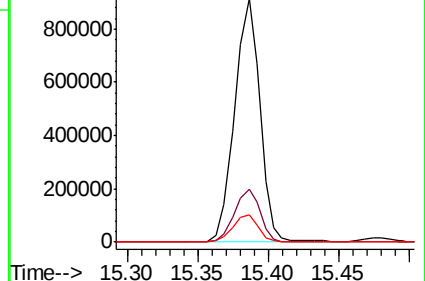
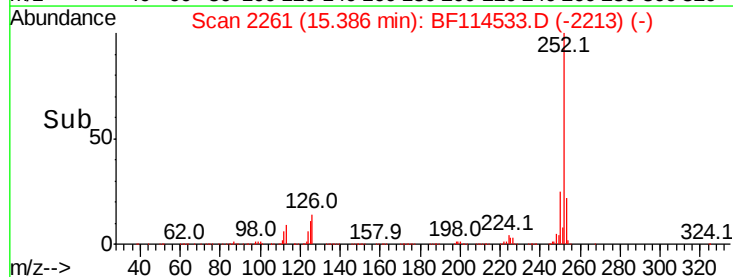
125 11.3 9.5 14.3

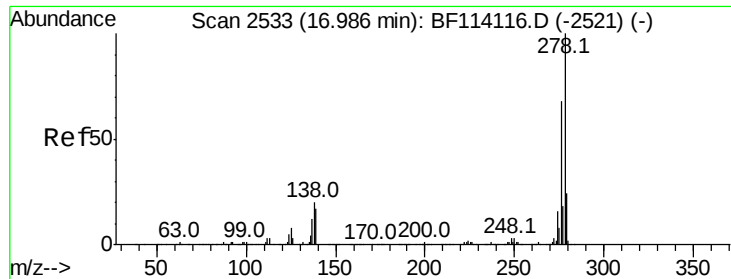


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



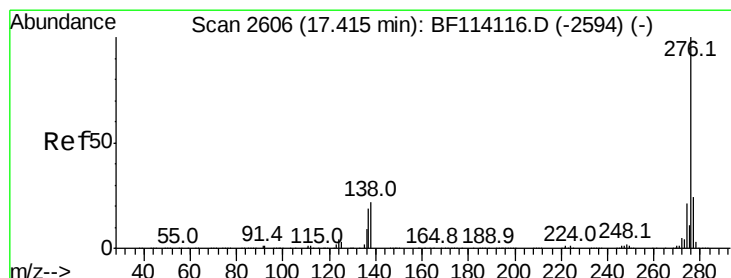
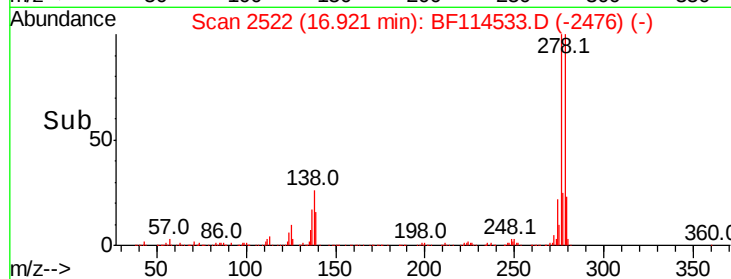
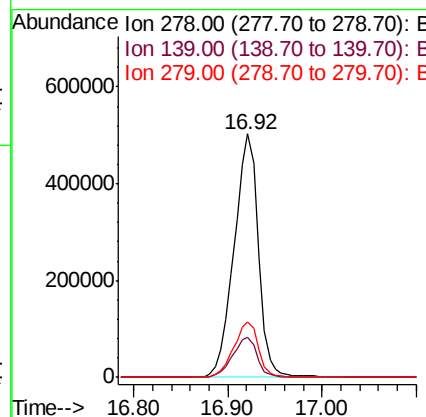
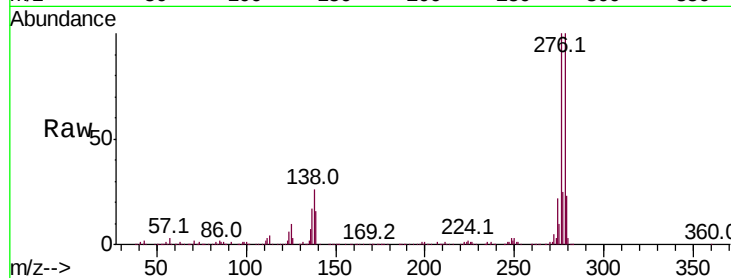


#91
Dibenzo(a,h)anthracene
Concen: 38.996 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.03 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 905012

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.5	20.3
279	22.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 37.409 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.03 min
Lab File: BF114533.D
Acq: 23 May 2019 19:44

Tgt Ion:276 Resp: 870063

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	21.9	17.8	26.6

