

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114826.D
 Acq On : 5 Jun 2019 19:01
 Operator : HP/JU
 Sample : K3186-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 05:00:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	358895	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1393639	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	724611	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1472712	20.00	ng	0.00
76) Chrysene-d12	13.80	240	747346	20.00	ng	0.01
87) Perylene-d12	15.21	264	1032370	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	2801902	136.42	ng	0.02
7) Phenol-d6	6.32	99	3507250	140.33	ng	0.02
23) Nitrobenzene-d5	7.24	82	2231418	98.56	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1095897	140.34	ng	0.01
45) 2-Fluorobiphenyl	9.03	172	3830885	99.04	ng	0.00
79) Terphenyl-d14	12.76	244	4100349	106.70	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	387481	39.513	ng	99
3) Pyridine	3.02	79	852067	31.616	ng	99
4) n-Nitrosodimethylamine	2.94	42	463745	47.016	ng	96
6) Aniline	6.34	93	663776	18.718	ng	93
8) 2-Chlorophenol	6.46	128	1125976	47.447	ng	98
9) Benzaldehyde	6.21	77	361583	20.857	ng	100
10) Phenol	6.33	94	1290138	45.141	ng	83
11) bis(2-Chloroethyl)ether	6.42	93	1045031	46.852	ng	99
12) 1,3-Dichlorobenzene	6.61	146	1188589	42.982	ng	97
13) 1,4-Dichlorobenzene	6.69	146	1202219	43.207	ng	98
14) 1,2-Dichlorobenzene	6.85	146	1121636	44.634	ng	98
15) Benzyl Alcohol	6.82	79	903481	47.804	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1452298	45.526	ng	100
17) 2-Methylphenol	6.93	107	952616	46.962	ng	99
18) Hexachloroethane	7.19	117	437245	41.749	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	731453	44.213	ng	99
20) 3+4-Methylphenols	7.09	107	1099644	49.149	ng	91
22) Acetophenone	7.08	105	1470009	47.910	ng	# 97
24) Nitrobenzene	7.25	77	1149612	49.016	ng	98
25) Isophorone	7.50	82	2179275	48.692	ng	99
26) 2-Nitrophenol	7.57	139	667246	52.528	ng	94
27) 2,4-Dimethylphenol	7.62	122	1060651	54.936	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1362891	47.637	ng	100
29) 2,4-Dichlorophenol	7.82	162	1024700	50.446	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1077726	46.240	ng	99
31) Naphthalene	7.97	128	3064181	48.838	ng	99
32) Benzoic acid	7.75	122	564408	40.137	ng	96
33) 4-Chloroaniline	8.02	127	335351	11.204	ng	97
34) Hexachlorobutadiene	8.10	225	569741	42.997	ng	99
35) Caprolactam	8.40	113	161056	24.272	ng	92
36) 4-Chloro-3-methylphenol	8.52	107	1066779	52.778	ng	99
37) 2-Methylnaphthalene	8.66	142	2174569	49.969	ng	99
38) 1-Methylnaphthalene	8.76	142	2083152	50.476	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	948989	45.445	ng	99

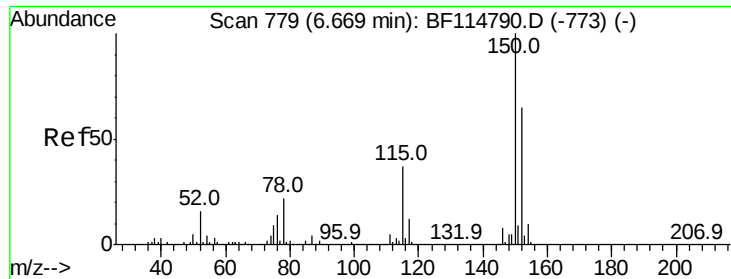
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114826.D
 Acq On : 5 Jun 2019 19:01
 Operator : HP/JU
 Sample : K3186-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 05:00:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	769928	60.792	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	783536	48.254	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	824295	50.406	ng	100
46) 1,1'-Biphenyl	9.13	154	2534517	47.194	ng	98
47) 2-Chloronaphthalene	9.15	162	2111171	46.263	ng	100
48) 2-Nitroaniline	9.25	65	649498	47.693	ng	99
49) Acenaphthylene	9.56	152	3203174	48.403	ng	100
50) Dimethylphthalate	9.44	163	3177226	60.035	ng	99
51) 2,6-Dinitrotoluene	9.49	165	619302	49.758	ng	99
52) Acenaphthene	9.74	154	2182932	50.355	ng	100
53) 3-Nitroaniline	9.65	138	413380	28.431	ng	97
54) 2,4-Dinitrophenol	9.76	184	455836	80.936	ng	98
55) Dibenzofuran	9.91	168	2800138	46.452	ng	100
56) 4-Nitrophenol	9.83	139	1136697	106.691	ng	97
57) 2,4-Dinitrotoluene	9.89	165	831212	53.125	ng	89
58) Fluorene	10.25	166	1973172	52.635	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	690294	51.523	ng	100
60) Diethylphthalate	10.13	149	2607123	49.093	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	989154	42.843	ng	97
62) 4-Nitroaniline	10.27	138	662909	47.007	ng	99
63) Azobenzene	10.40	77	2283725	50.520	ng	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	333722	43.623	ng	90
66) n-Nitrosodiphenylamine	10.36	169	2092370	46.986	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	741904	44.355	ng	99
68) Hexachlorobenzene	10.80	284	789131	43.108	ng	97
69) Atrazine	10.89	200	727683	46.985	ng	98
70) Pentachlorophenol	10.99	266	888701	83.979	ng	99
71) Phenanthrene	11.20	178	3294073	46.854	ng	99
72) Anthracene	11.26	178	3362854	45.450	ng	100
73) Carbazole	11.41	167	3115242	49.115	ng	99
74) Di-n-butylphthalate	11.75	149	3767360	45.159	ng	99
75) Fluoranthene	12.39	202	3457685	47.252	ng	99
77) Benzidine	12.50	184	162004	4.379	ng	# 74
78) Pyrene	12.61	202	3481450	53.699	ng	99
80) Butylbenzylphthalate	13.23	149	1762144	53.824	ng	98
81) Benzo(a)anthracene	13.79	228	2775224	48.189	ng	100
82) 3,3'-Dichlorobenzidine	13.76	252	709531	30.384	ng	99
83) Chrysene	13.83	228	2773594	49.507	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2107897	50.917	ng	99
85) Di-n-octyl phthalate	14.43	149	3615651	51.400	ng	99
86) Indeno(1,2,3-cd)pyrene	16.53	276	3070021	48.027	ng	99
88) Benzo(b)fluoranthene	14.83	252	3087452	46.977	ng	99
89) Benzo(k)fluoranthene	14.86	252	2420576	43.370	ng	98
90) Benzo(a)pyrene	15.16	252	2756890	48.464	ng	99
91) Dibenzo(a,h)anthracene	16.56	278	2485016	46.129	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2485773	45.885	ng	98

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

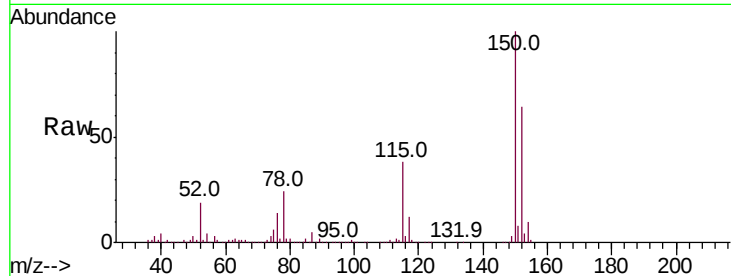


#1

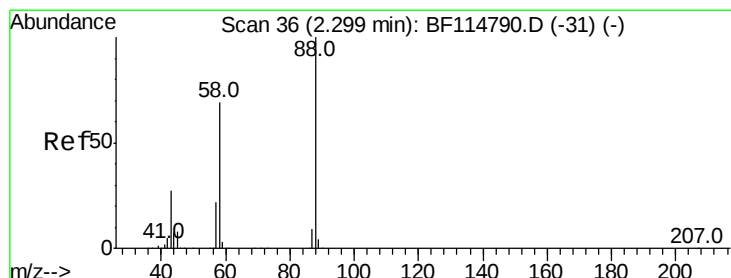
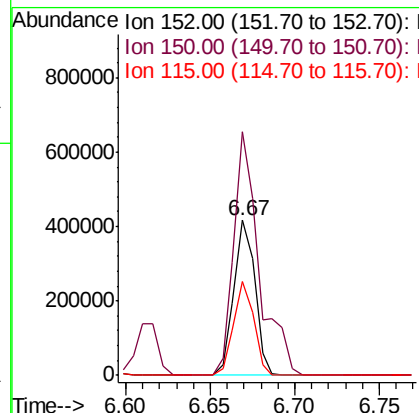
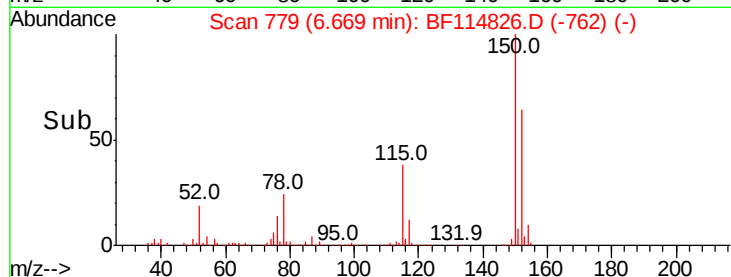
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.0	186.0
115	60.3	46.3	69.5



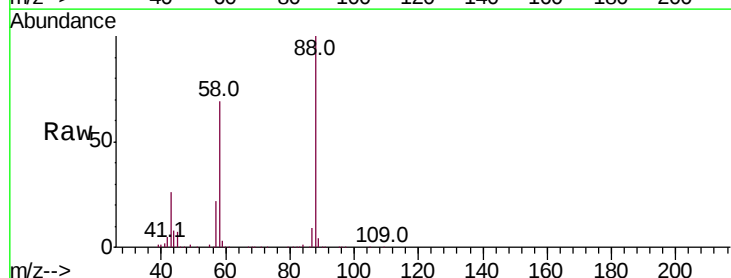
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



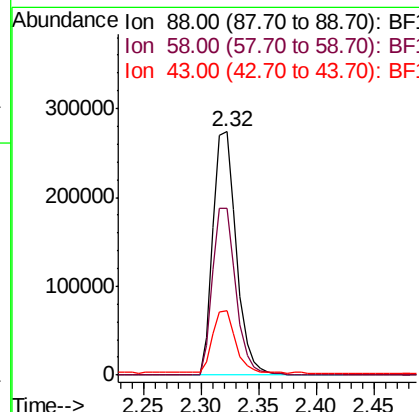
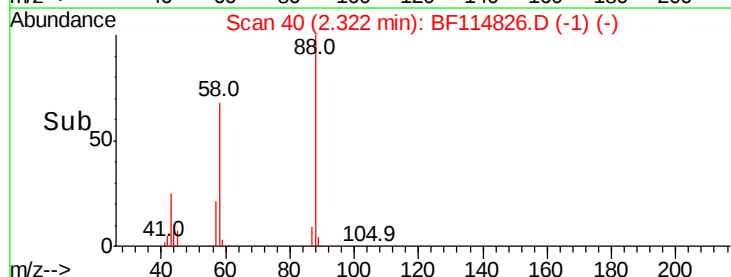
#2

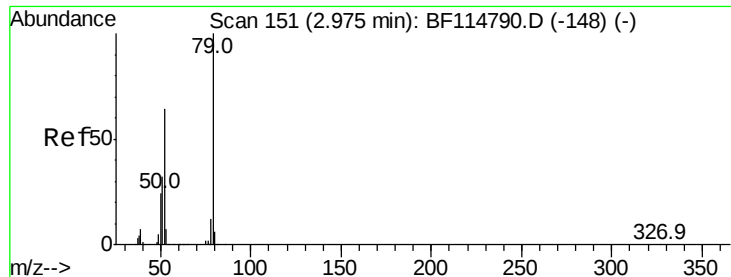
1,4-Dioxane
Concen: 39.513 ng
RT: 2.32 min Scan# 40
Delta R.T. 0.02 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	53.8	80.8
43	25.8	20.7	31.1



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: 31.616 ng

RT: 3.02 min Scan# 158

Delta R.T. 0.04 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

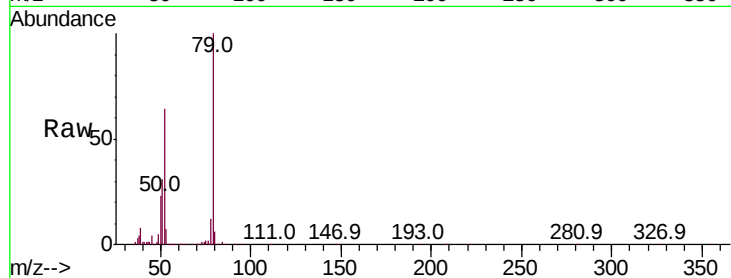
Tot Ion: 79 Resp: 852067

Ion Ratio Lower Upper

79 100

52 63.6 51.0 76.4

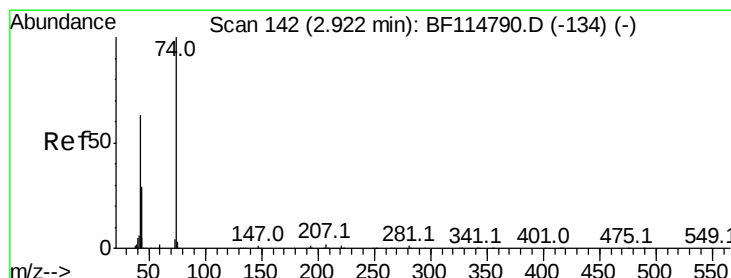
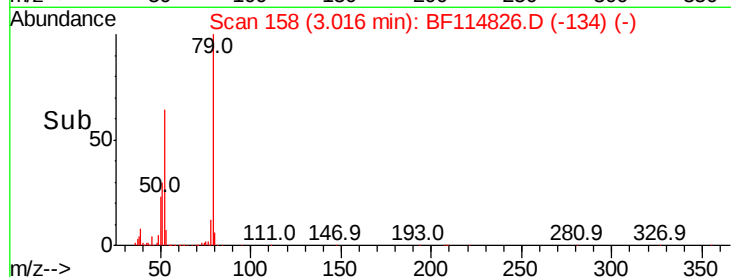
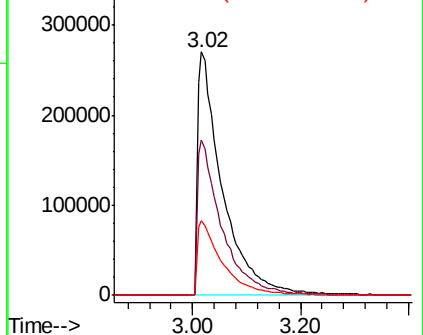
51 30.5 25.7 38.5



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: 47.016 ng

RT: 2.94 min Scan# 145

Delta R.T. 0.02 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

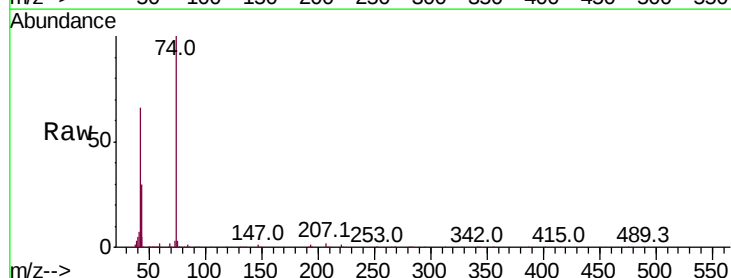
Tgt Ion: 42 Resp: 463745

Ion Ratio Lower Upper

42 100

74 152.4 126.2 189.2

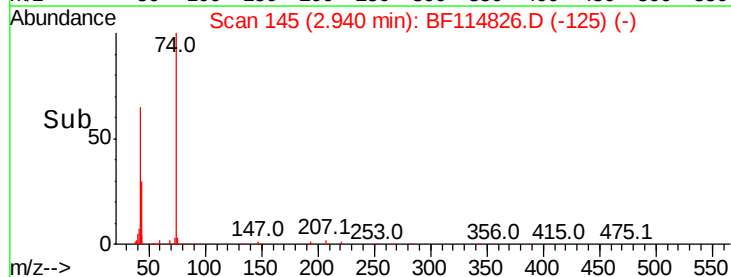
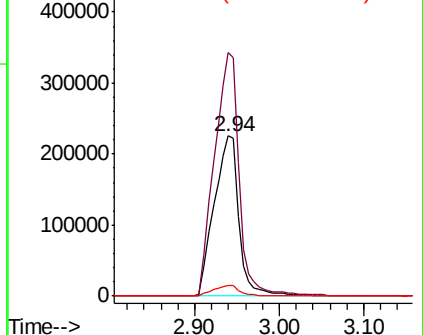
44 6.9 5.9 8.9

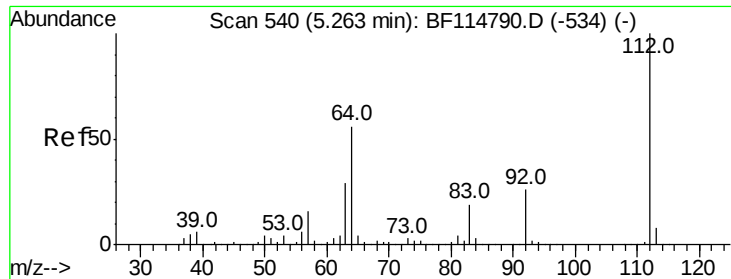


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 136.416 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.02 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampled :

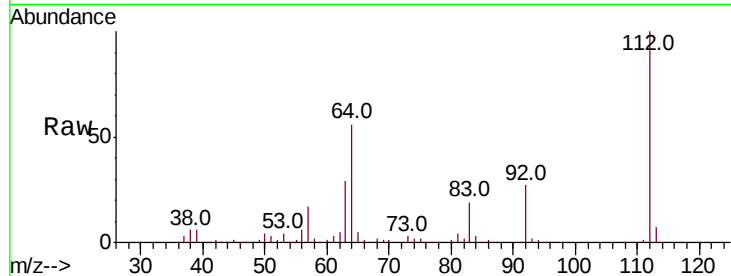
Tot Ion:112 Resp: 2801902

Ion Ratio Lower Upper

112 100

64 55.5 44.6 66.8

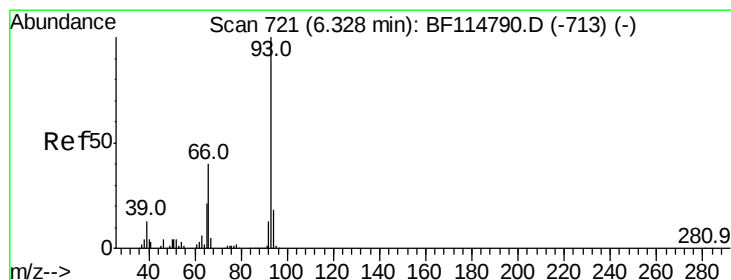
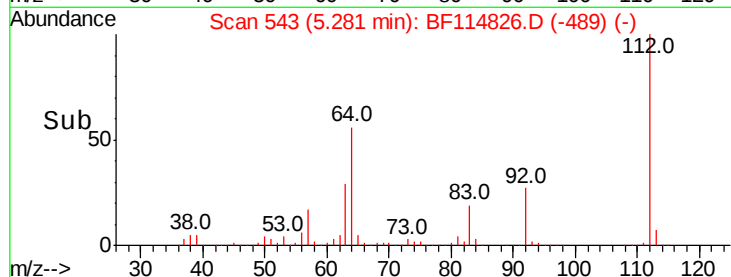
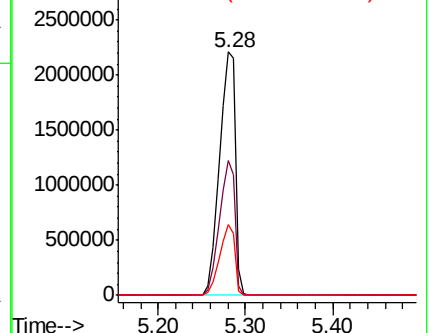
63 29.0 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.718 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

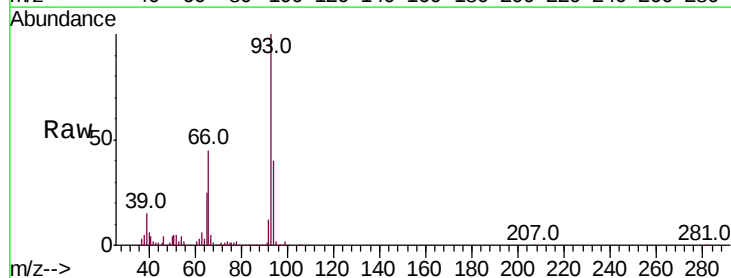
Tgt Ion: 93 Resp: 663776

Ion Ratio Lower Upper

93 100

66 45.0 32.8 49.2

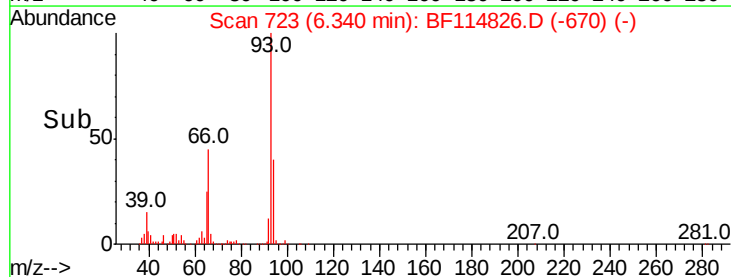
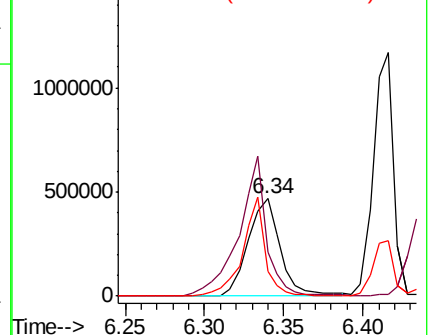
65 24.9 16.9 25.3

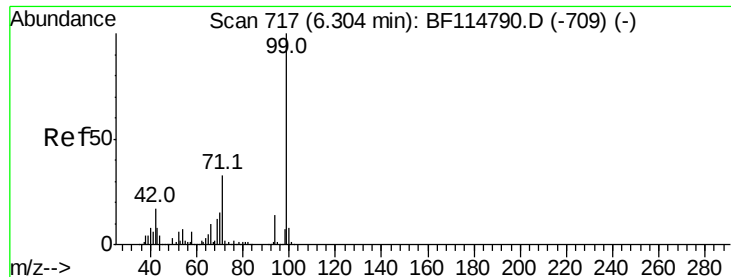


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 140.333 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampled :

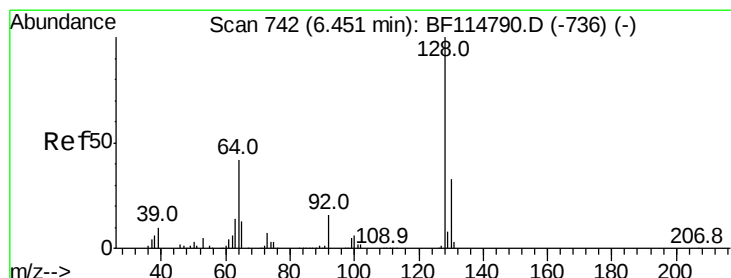
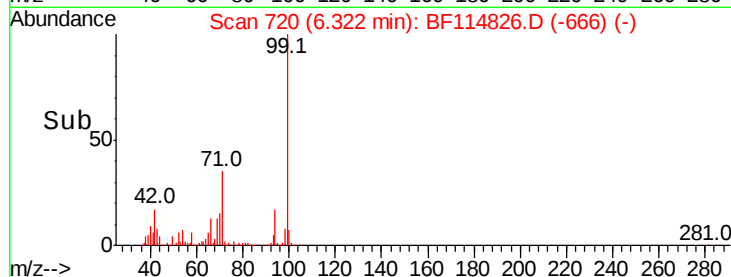
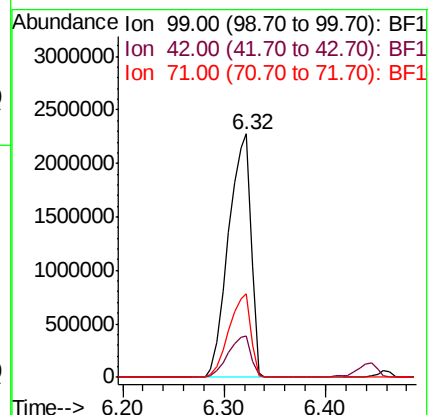
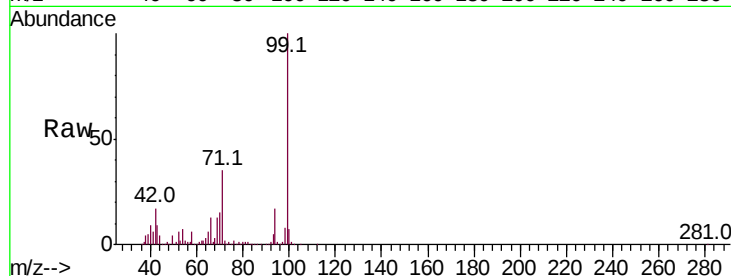
Tot Ion: 99 Resp: 3507250

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

71 34.6 26.3 39.5



#8

2-Chlorophenol

Concen: 47.447 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

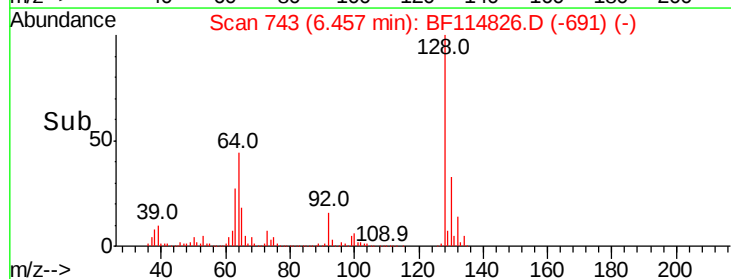
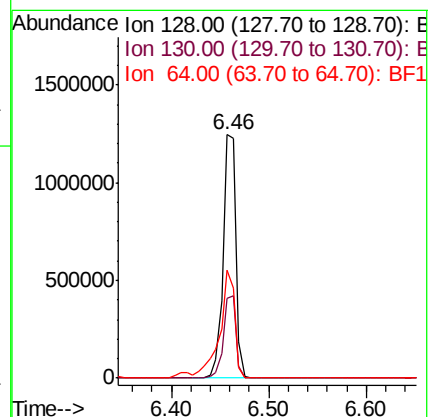
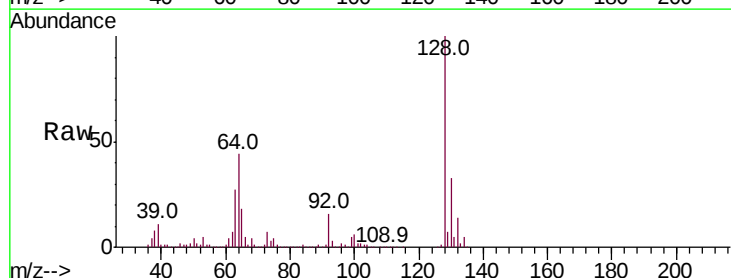
Tgt Ion:128 Resp: 1125976

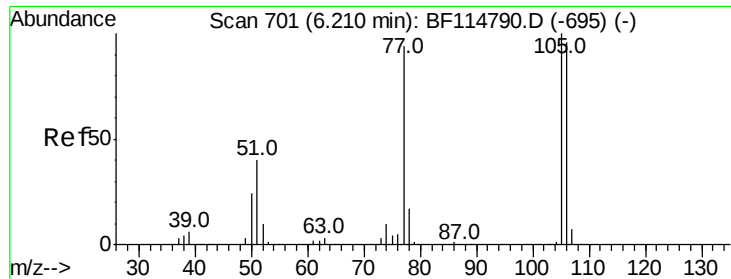
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 44.4 22.5 62.5





#9

Benzaldehyde

Concen: 20.857 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

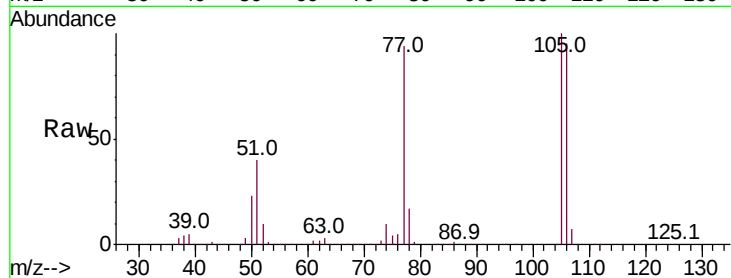
Tot Ion: 77 Resp: 361583

Ion Ratio Lower Upper

77 100

105 106.0 85.8 125.8

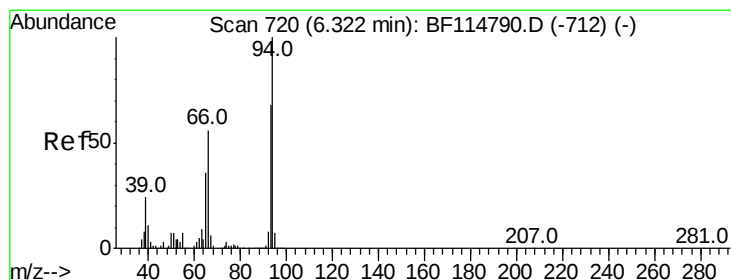
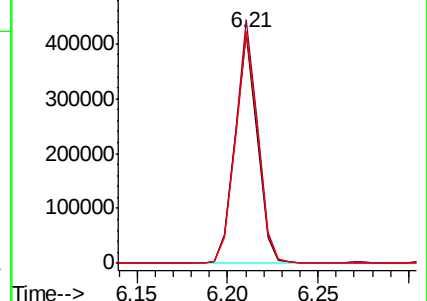
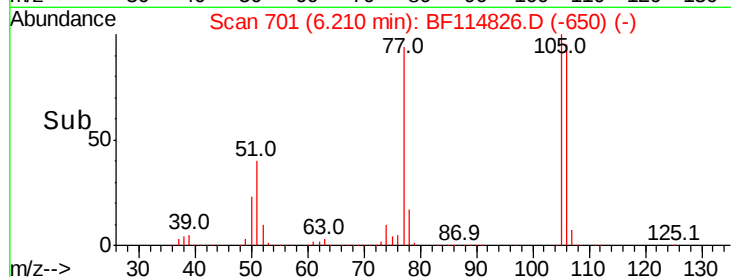
106 101.0 81.6 121.6



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: 45.141 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

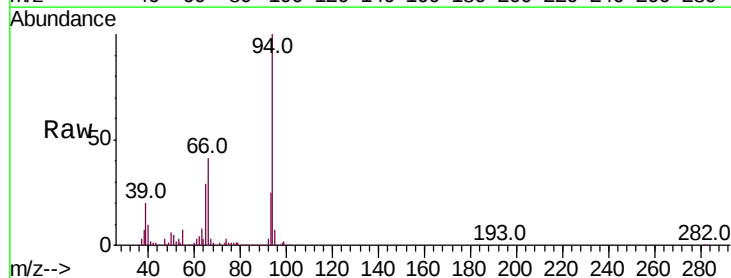
Tgt Ion: 94 Resp: 1290138

Ion Ratio Lower Upper

94 100

65 29.0 16.1 56.1

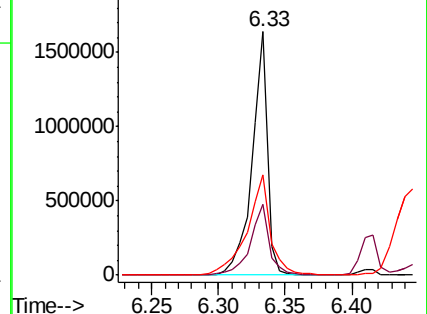
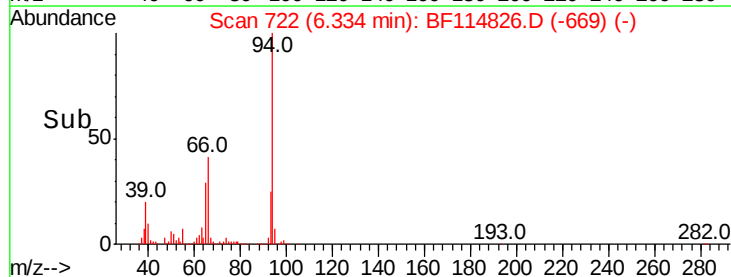
66 41.0 36.3 76.3

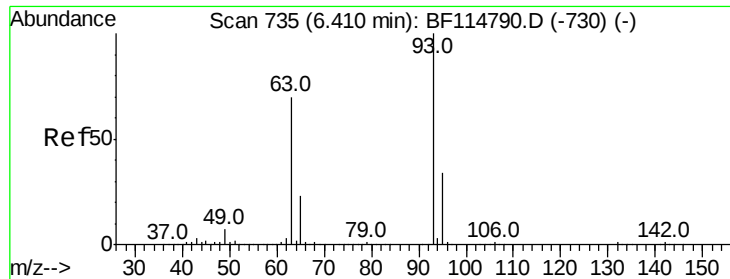


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

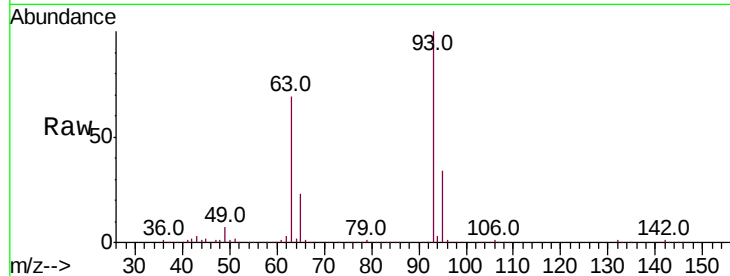




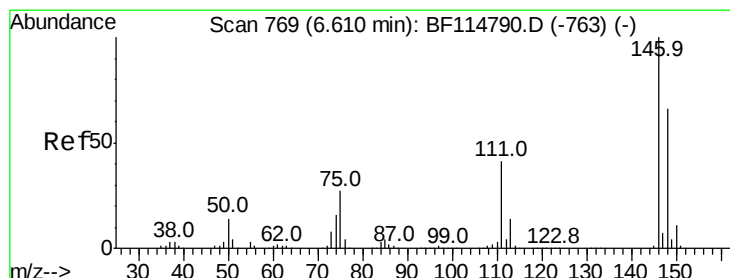
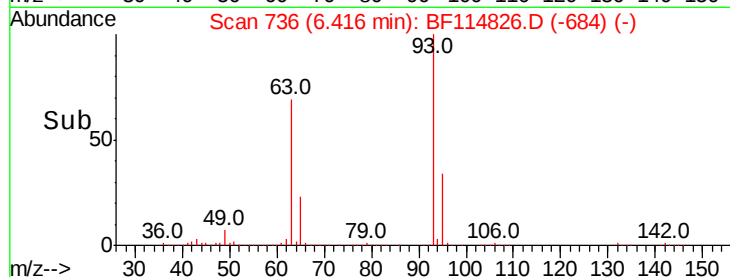
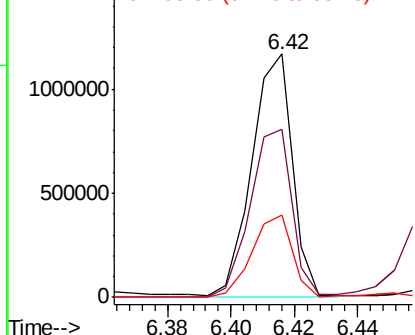
#11
bis(2-Chloroethyl)ether
Concen: 46.852 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1045031
Ion Ratio Lower Upper
93 100
63 69.0 49.6 89.6
95 33.6 13.6 53.6

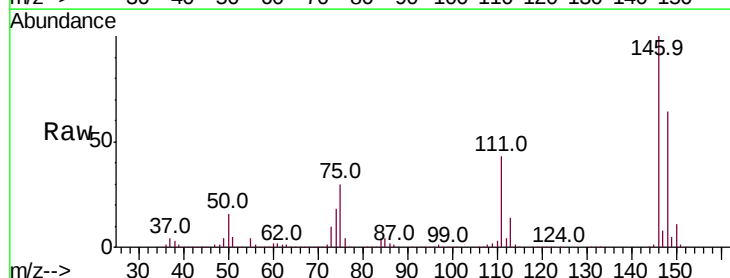


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

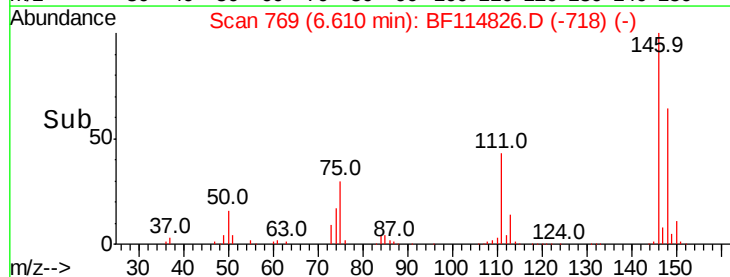
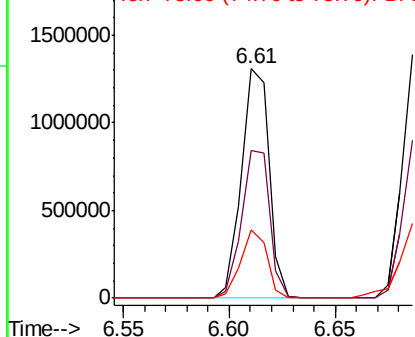


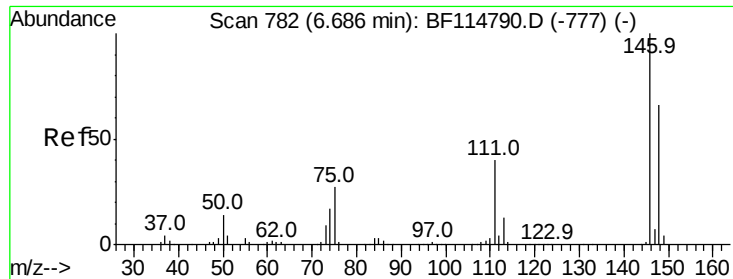
#12
1,3-Dichlorobenzene
Concen: 42.982 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:146 Resp: 1188589
Ion Ratio Lower Upper
146 100
148 64.2 52.7 79.1
75 30.0 22.0 33.0



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

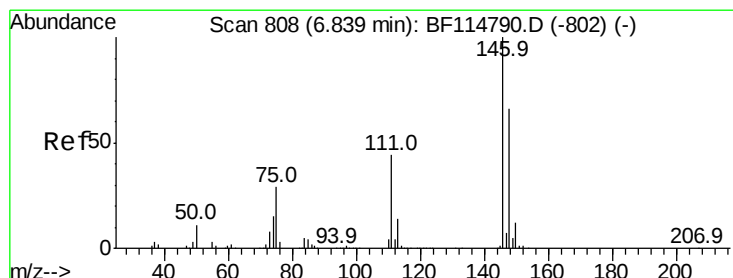
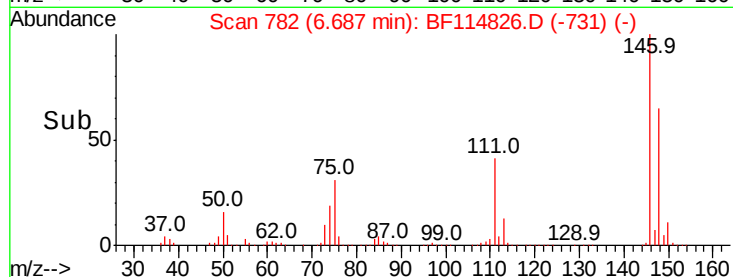
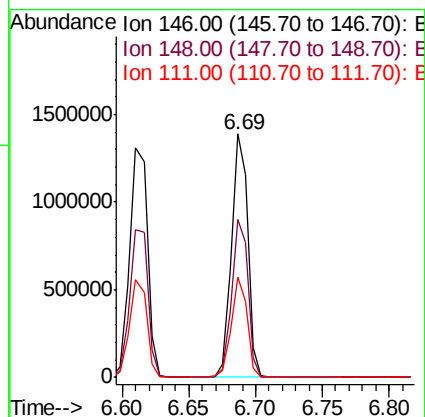
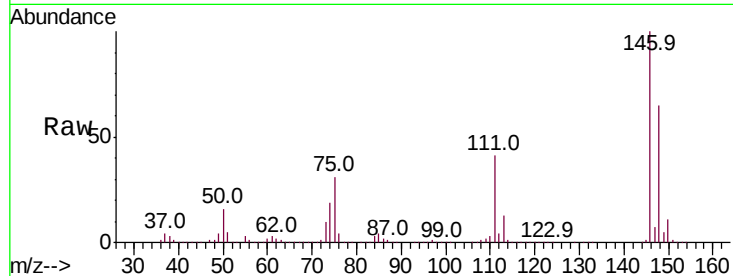




#13
 1,4-Dichlorobenzene
 Concen: 43.207 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

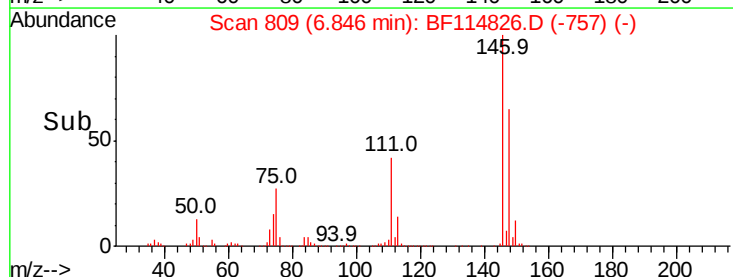
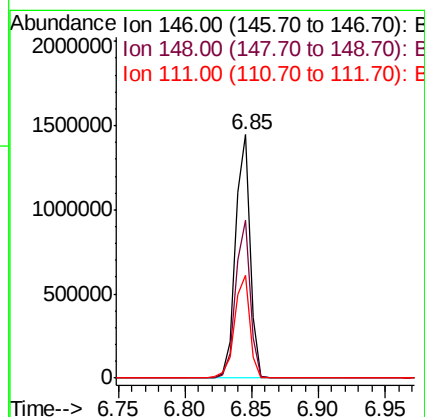
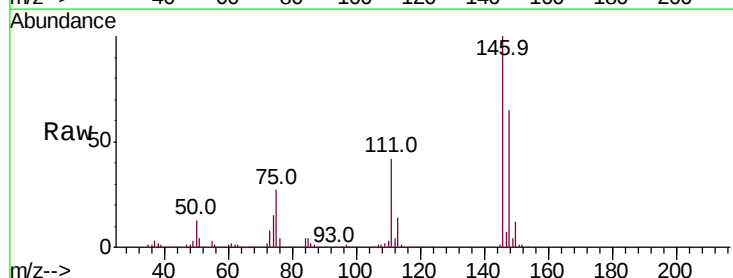
Instrument :
 BNA_F
 ClientSampleId :

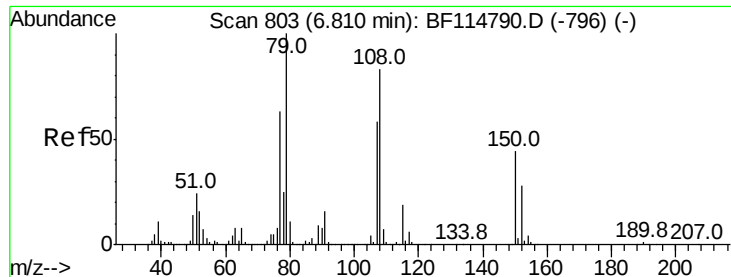
Tot Ion:146 Resp: 1202219
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.0 79.4
 111 41.3 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 44.634 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt Ion:146 Resp: 1121636
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.5 78.7
 111 42.0 34.8 52.2





#15

Benzyl Alcohol

Concen: 47.804 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

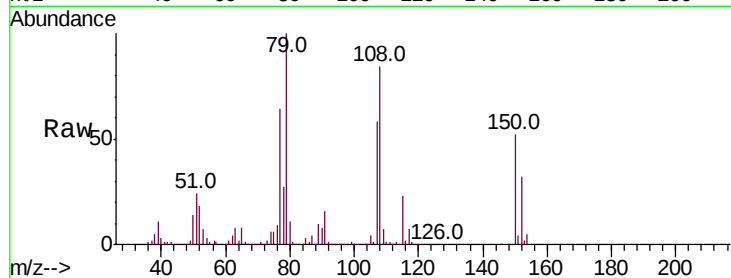
Tot Ion: 79 Resp: 903481

Ion Ratio Lower Upper

79 100

108 83.9 66.8 100.2

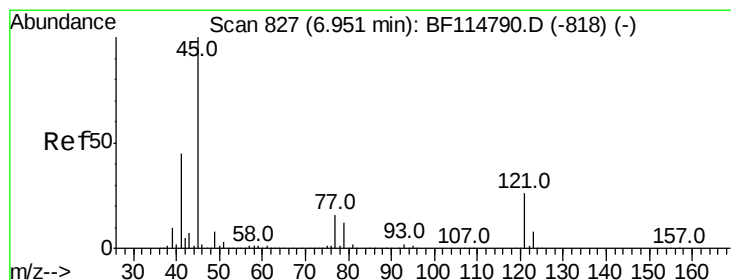
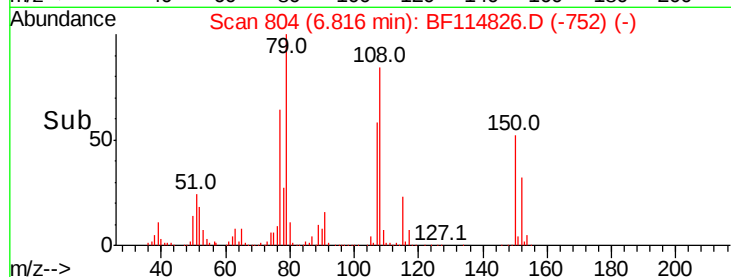
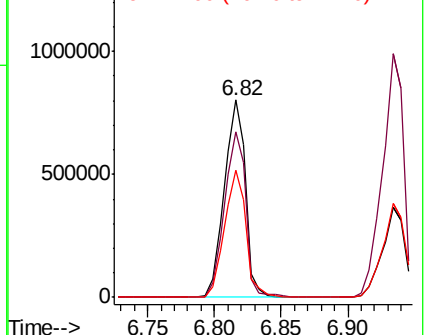
77 64.2 50.6 76.0



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: 45.526 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

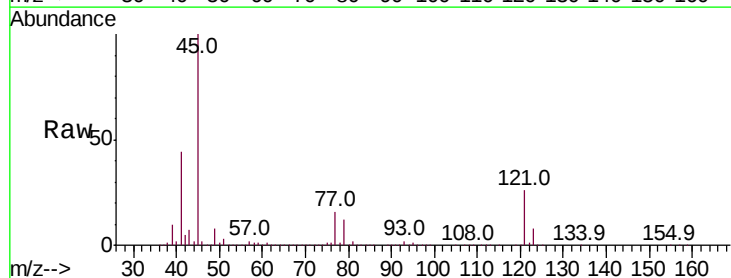
Tgt Ion: 45 Resp: 1452298

Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.8

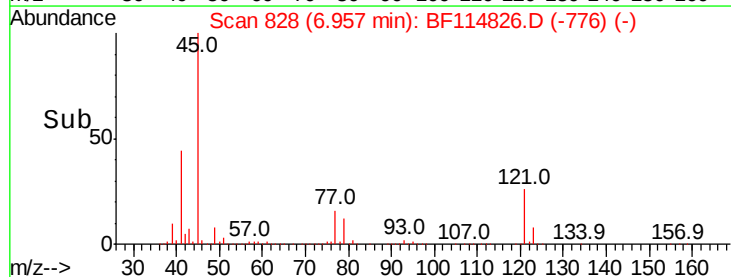
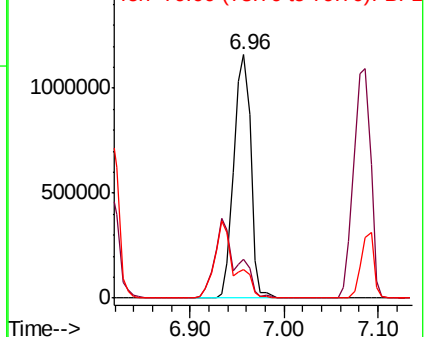
79 12.0 0.0 32.0

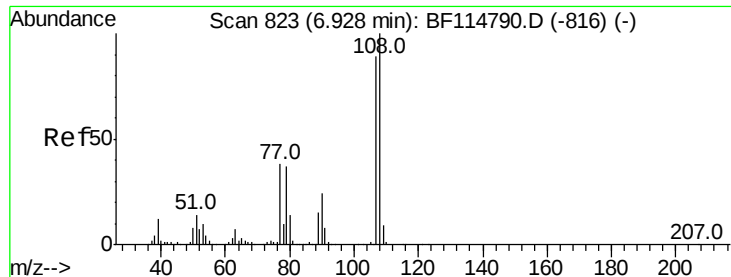


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

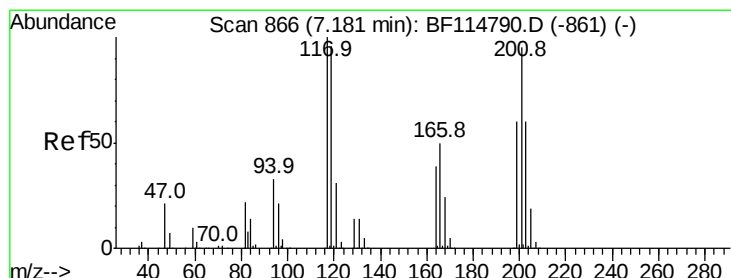
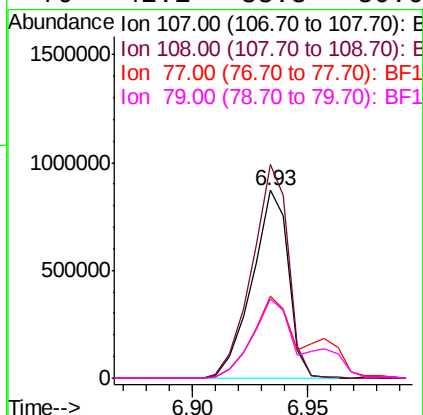
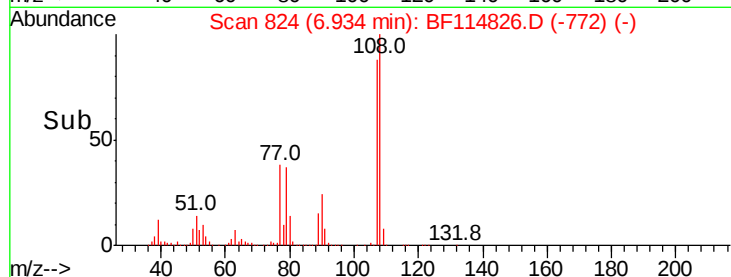
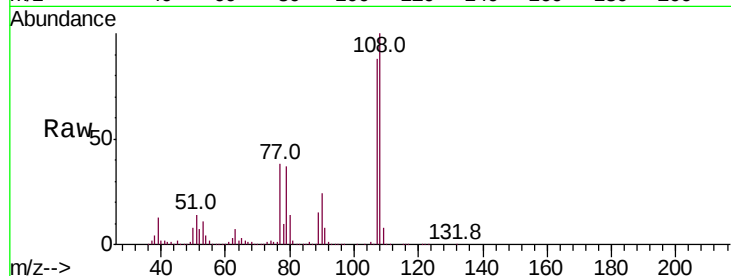




#17
2-Methylphenol
Concen: 46.962 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

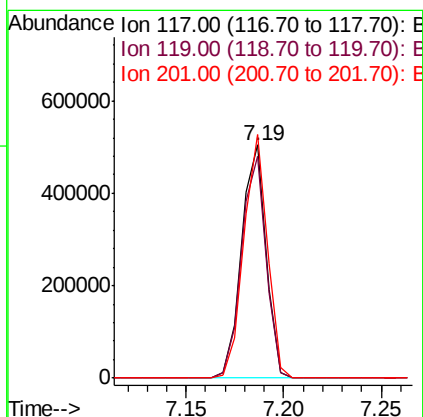
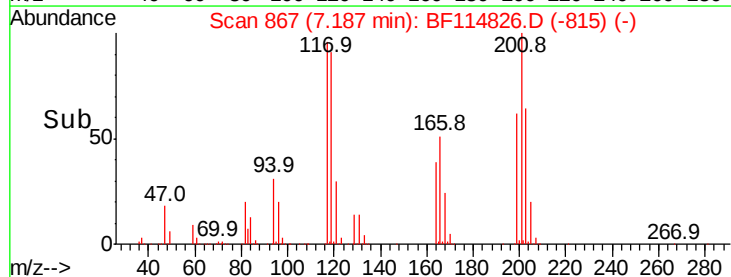
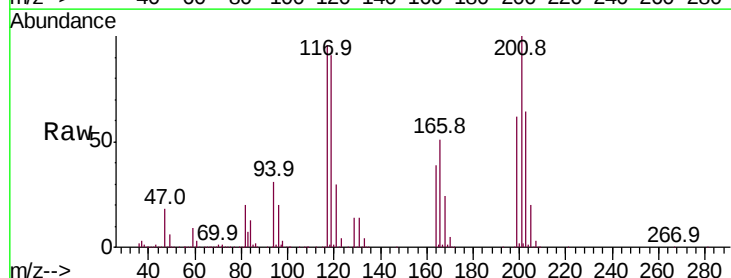
Instrument :
BNA_F
ClientSampleId :

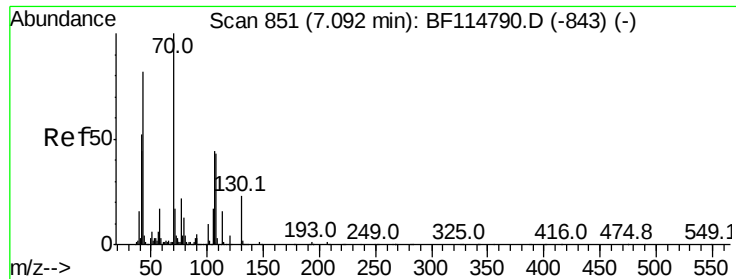
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.2	135.2
77	43.6	34.5	51.7
79	42.1	33.8	50.6



#18
Hexachloroethane
Concen: 41.749 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
201	104.5	76.0	114.0

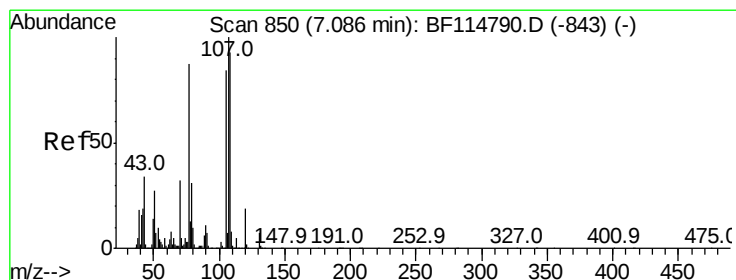
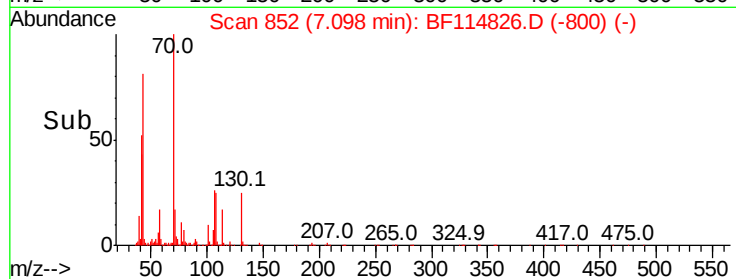
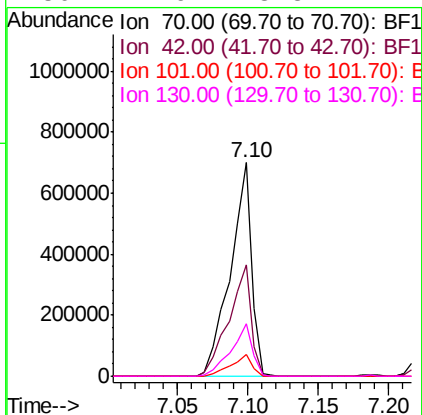
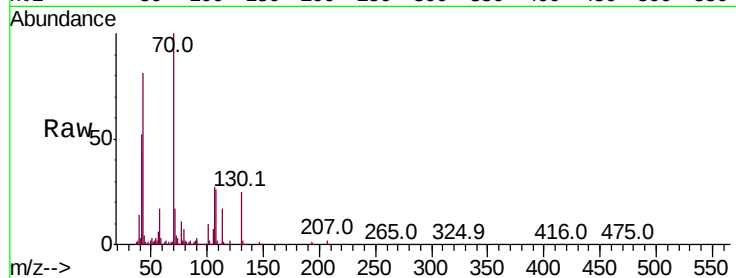




#19
n-Nitroso-di-n-propylamine
Concen: 44.213 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

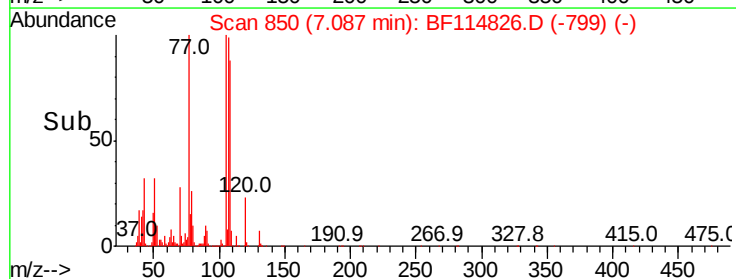
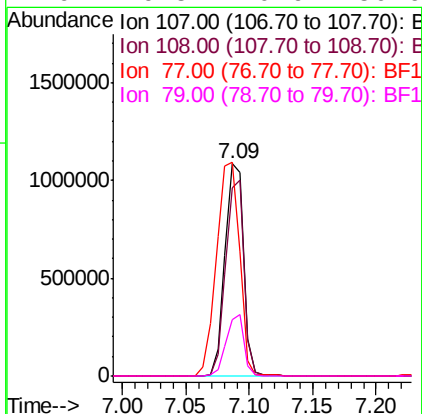
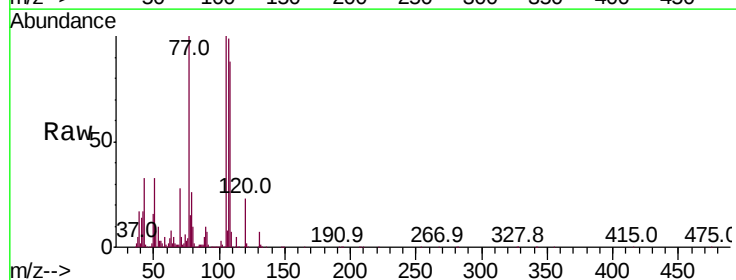
Instrument :
BNA_F
ClientSampled :

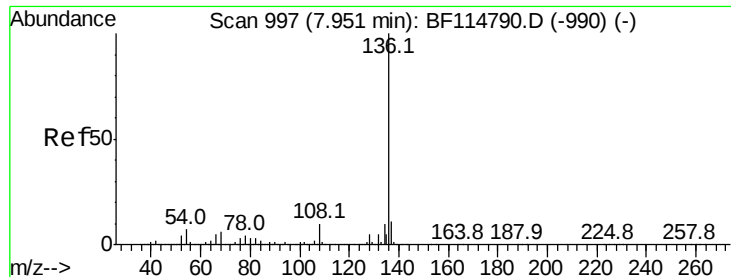
Tot Ion:	70	Resp:	731453
Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.8	62.8
101	10.3	8.2	12.4
130	24.9	18.5	27.7



#20
3+4-Methylphenols
Concen: 49.149 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:	107	Resp:	1099644
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.5	113.5
77	100.8	67.2	107.2
79	26.5	10.6	50.6

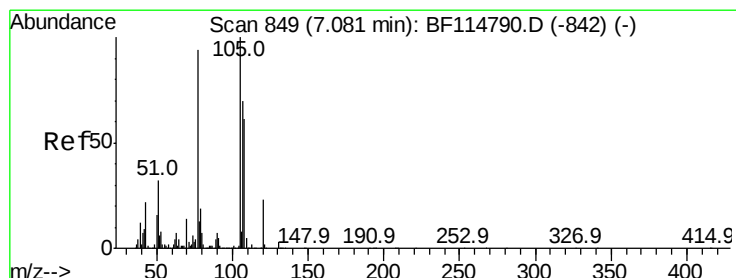
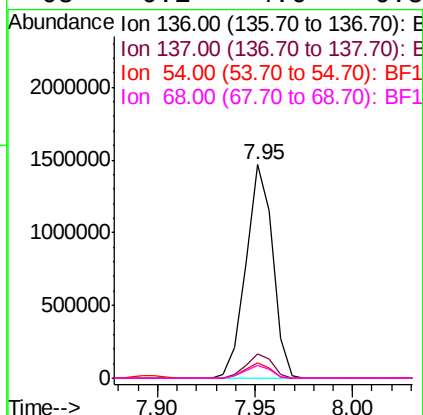
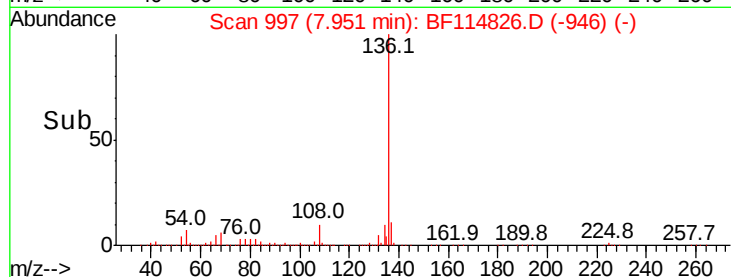
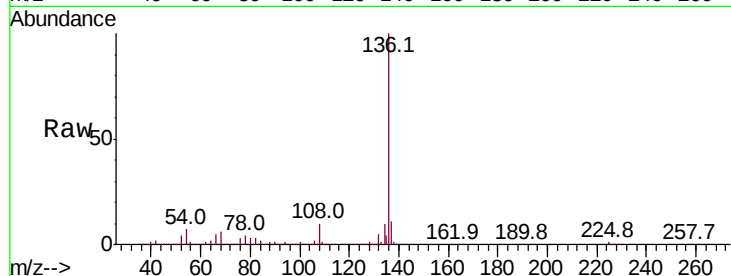




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

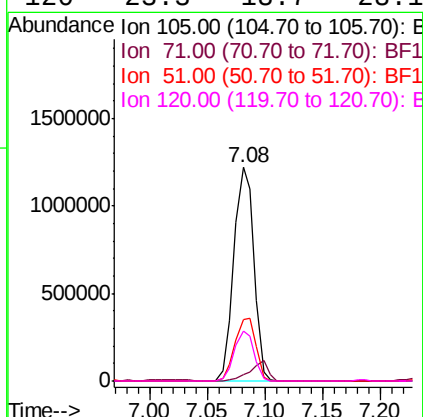
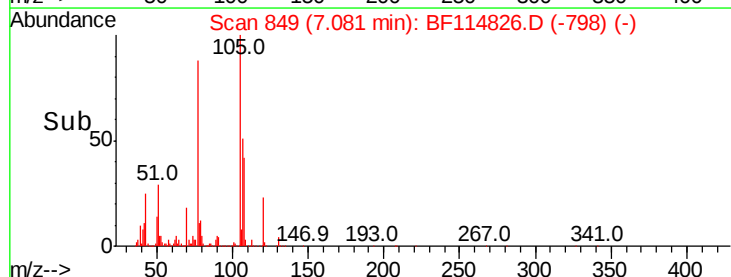
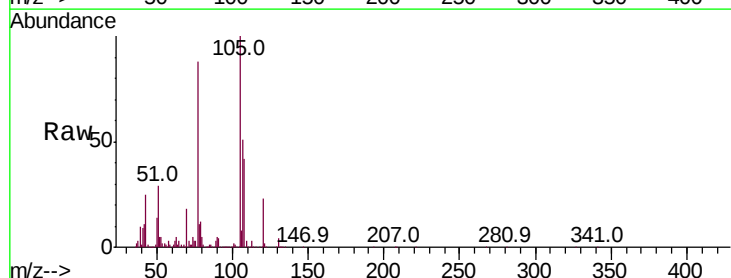
Instrument :
BNA_F
ClientSampleId :

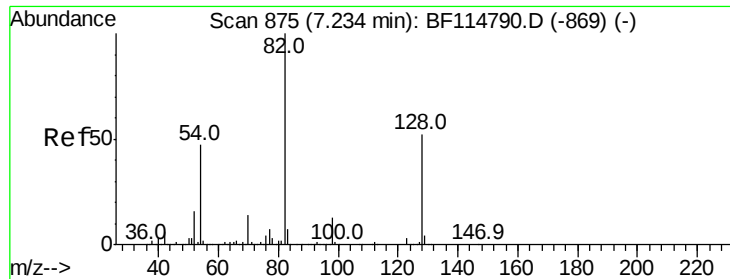
Tot Ion:	136	Resp:	1393639
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.0	5.4	8.0
68	6.1	4.6	6.8



#22
Acetophenone
Concen: 47.910 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:	105	Resp:	1470009
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.0	3.0#
51	28.9	25.4	38.0
120	23.3	18.7	28.1





#23

Nitrobenzene-d5

Concen: 98.564 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

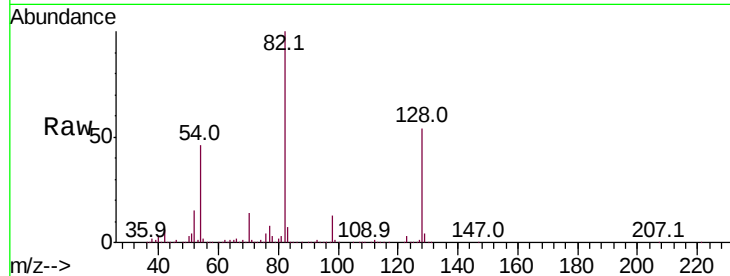
Tot Ion: 82 Resp: 2231418

Ion Ratio Lower Upper

82 100

128 53.5 41.8 62.6

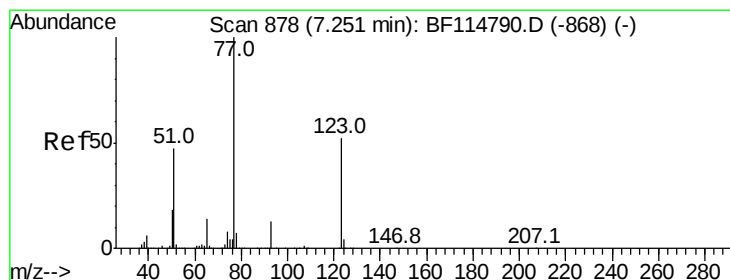
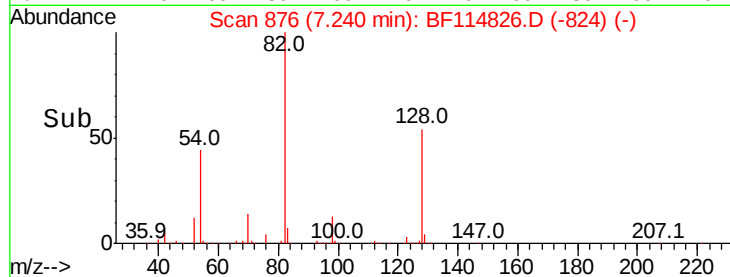
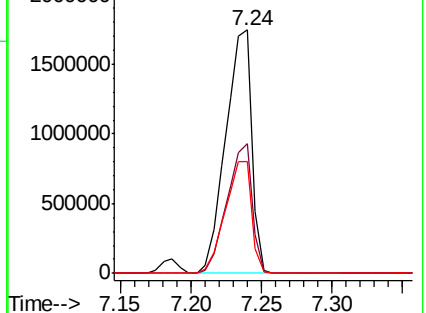
54 46.1 37.9 56.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 49.016 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

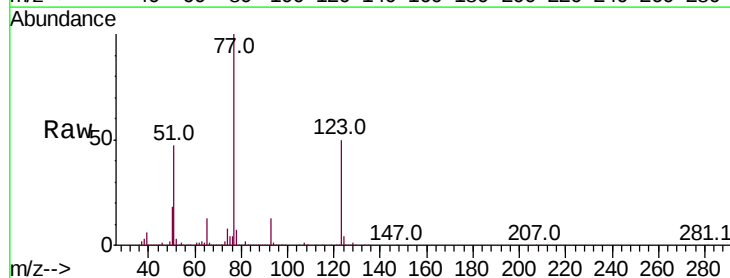
Tgt Ion: 77 Resp: 1149612

Ion Ratio Lower Upper

77 100

123 49.9 41.5 62.3

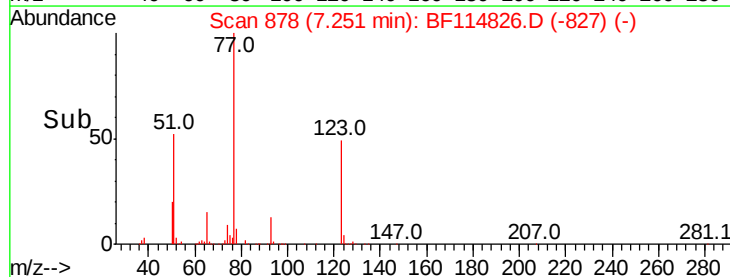
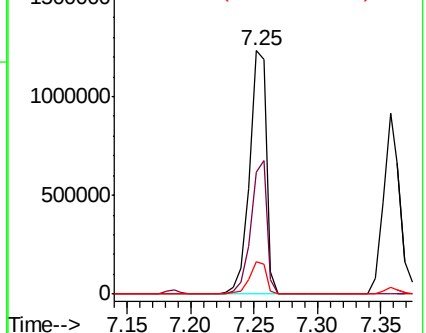
65 13.4 10.8 16.2

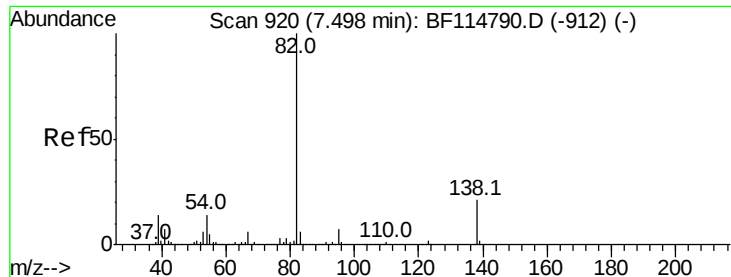


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.692 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

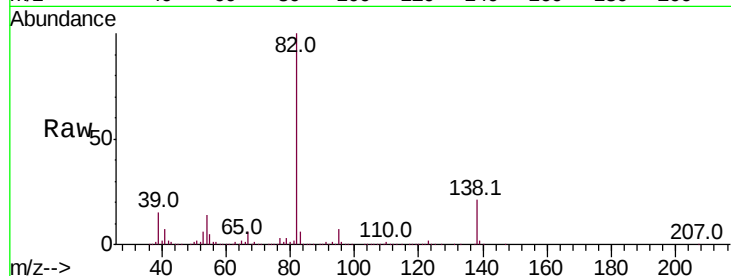
Tot Ion: 82 Resp: 2179275

Ion Ratio Lower Upper

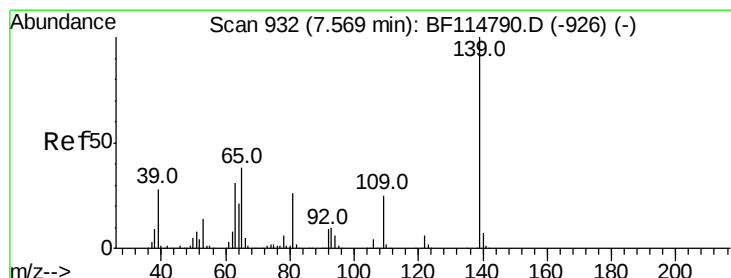
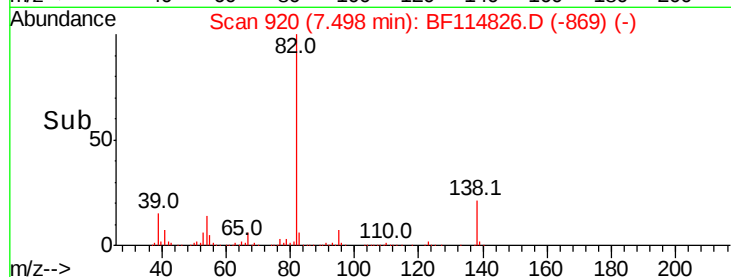
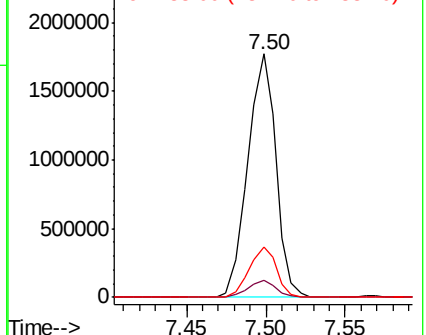
82 100

95 7.1 5.8 8.8

138 20.7 16.9 25.3



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: 52.528 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

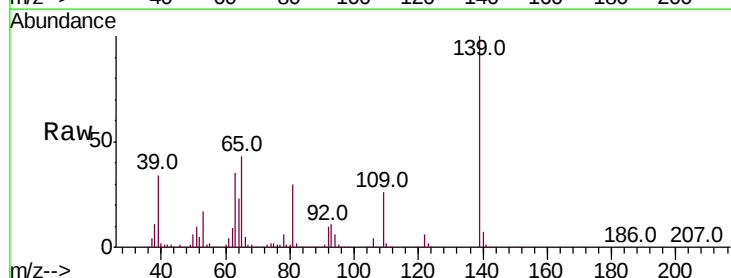
Tgt Ion:139 Resp: 667246

Ion Ratio Lower Upper

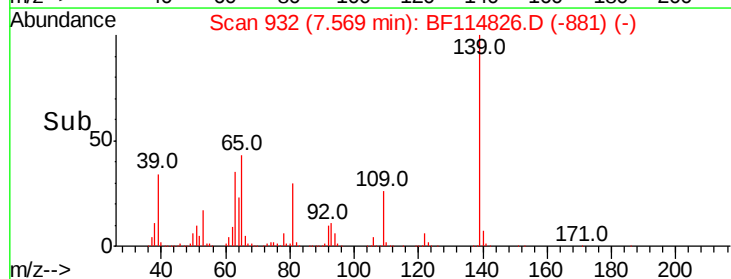
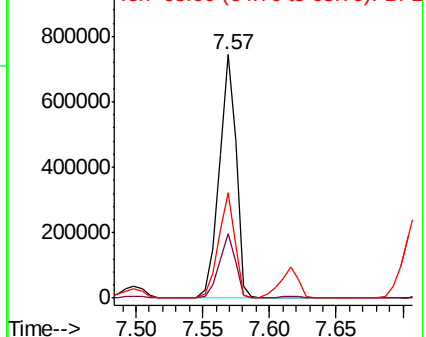
139 100

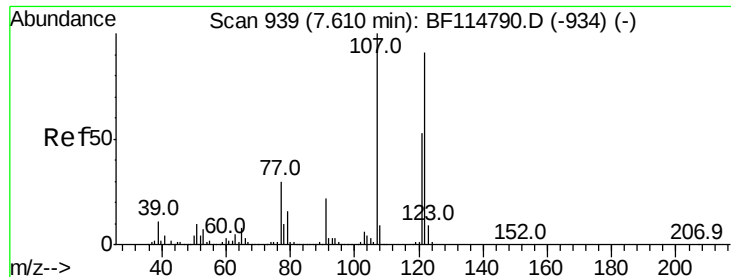
109 26.2 20.4 30.6

65 43.3 30.5 45.7



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



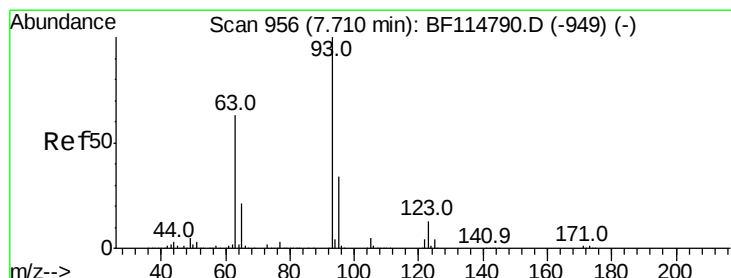
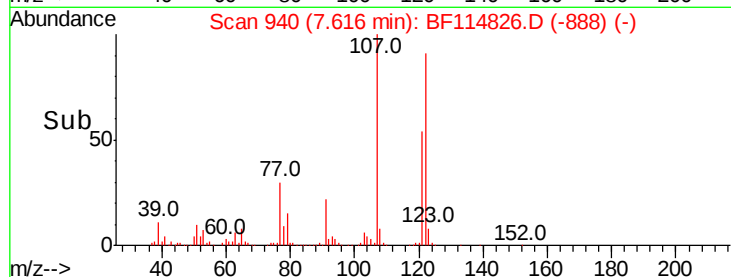
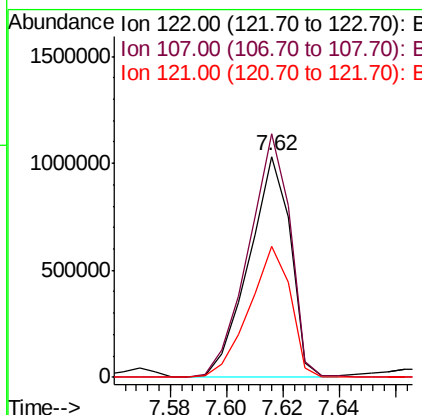
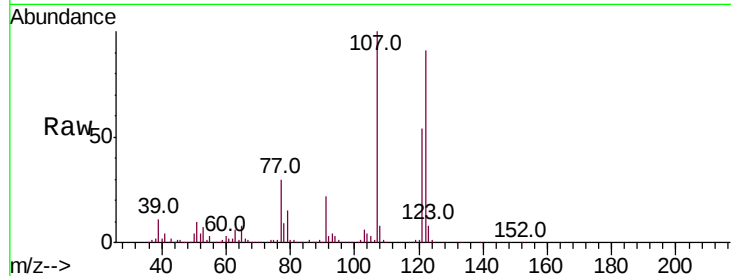


#27
 2,4-Dimethylphenol
 Concen: 54.936 ng
 RT: 7.62 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 1060651

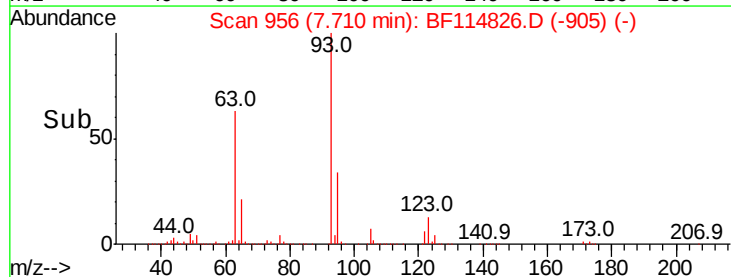
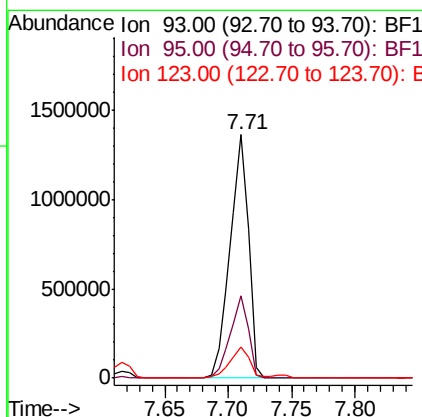
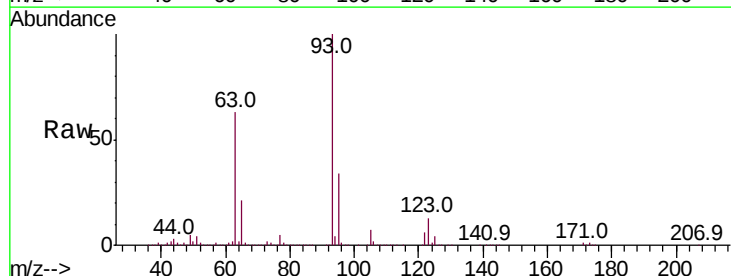
Ion	Ratio	Lower	Upper
122	100		
107	110.3	87.9	131.9
121	59.4	46.4	69.6

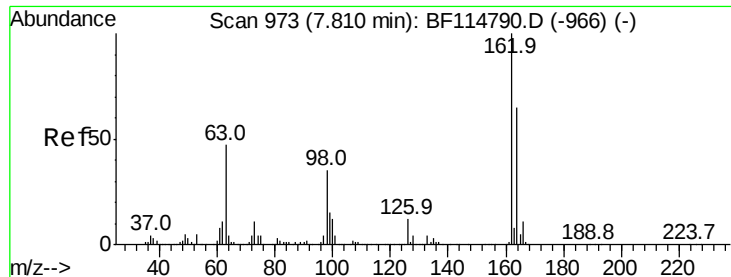


#28
 bis(2-Chloroethoxy)methane
 Concen: 47.637 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt Ion: 93 Resp: 1362891

Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.9	40.3
123	12.8	10.4	15.6

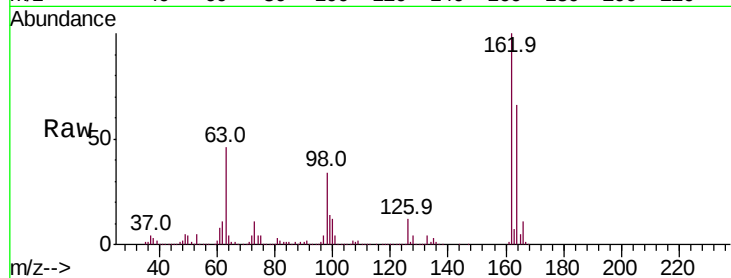




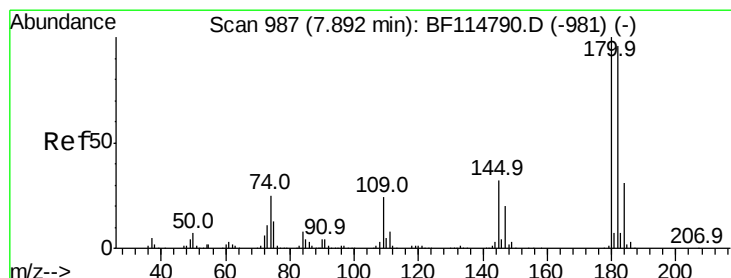
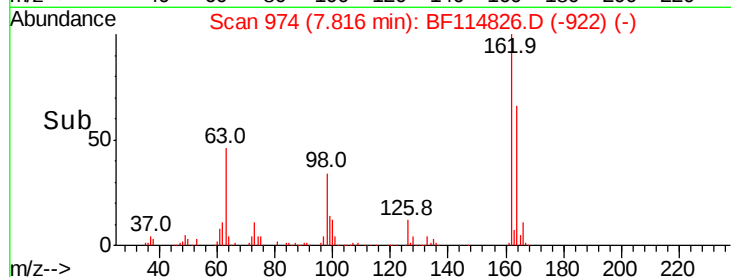
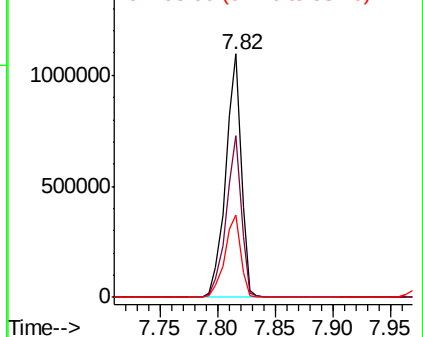
#29
2,4-Dichlorophenol
Concen: 50.446 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 1024700
Ion Ratio Lower Upper
162 100
164 66.3 45.1 85.1
98 34.0 14.6 54.6

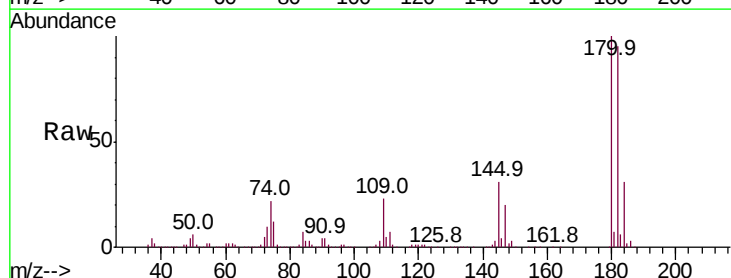


Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

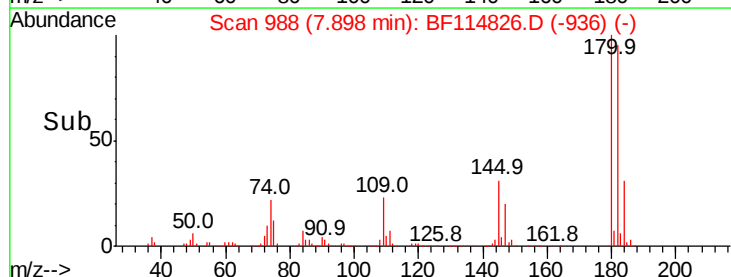
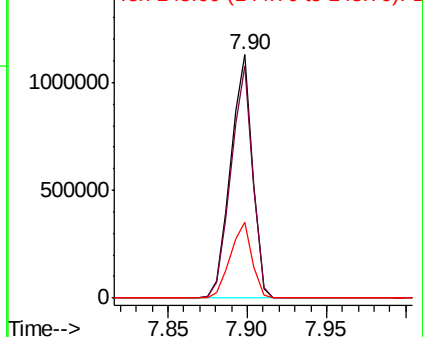


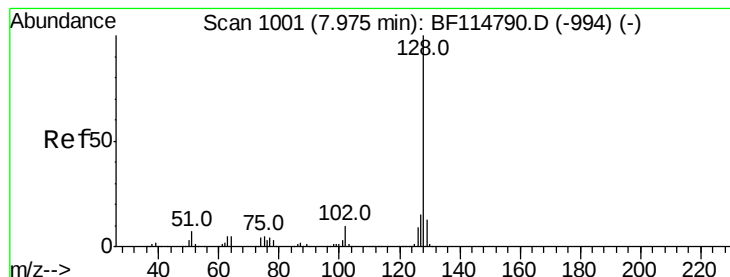
#30
1,2,4-Trichlorobenzene
Concen: 46.240 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:180 Resp: 1077726
Ion Ratio Lower Upper
180 100
182 95.2 76.5 114.7
145 31.3 25.8 38.8



Abundance Ion 180.00 (179.70 to 180.70): E
1500000 Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.838 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

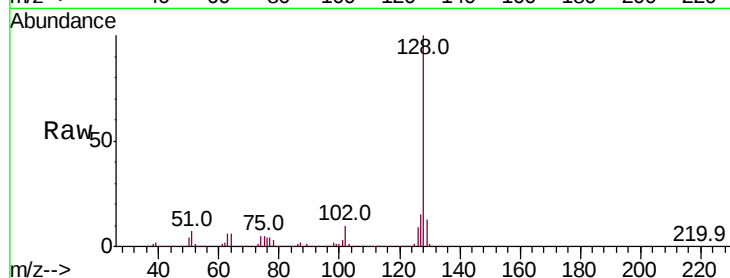
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 3064181

Ion	Ratio	Lower	Upper
128	100		
129	13.0	10.0	15.0
127	15.3	12.2	18.2

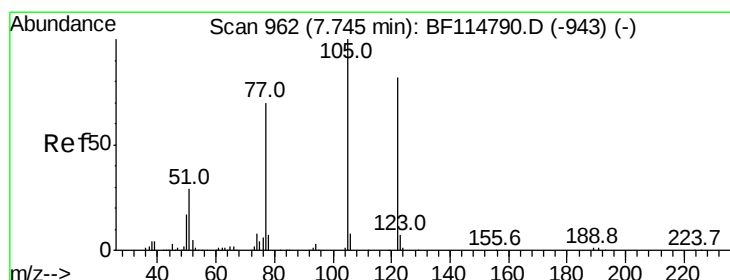
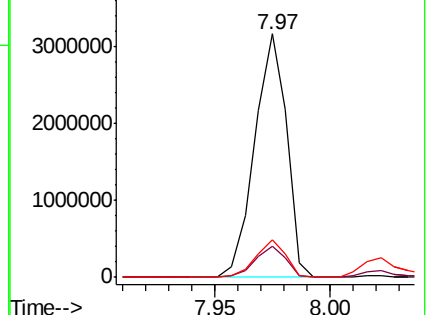
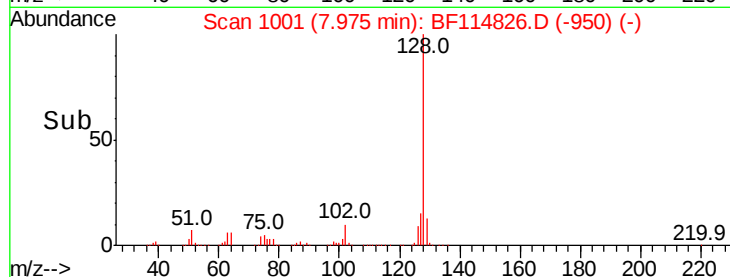


Abundance

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: 40.137 ng

RT: 7.75 min Scan# 962

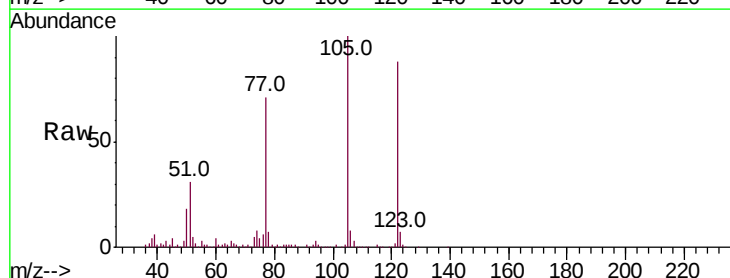
Delta R.T. 0.00 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion:122 Resp: 564408

Ion	Ratio	Lower	Upper
122	100		
105	113.9	98.7	138.7
77	80.8	64.8	104.8

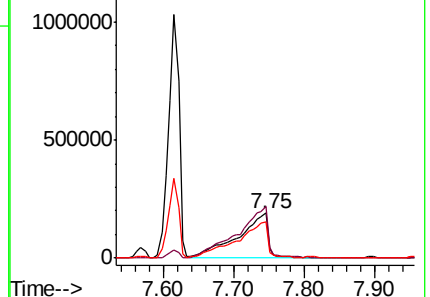
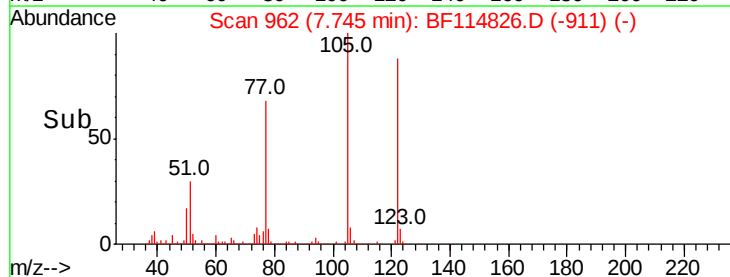


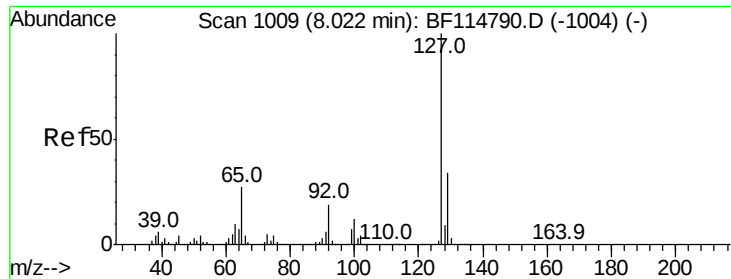
Abundance

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

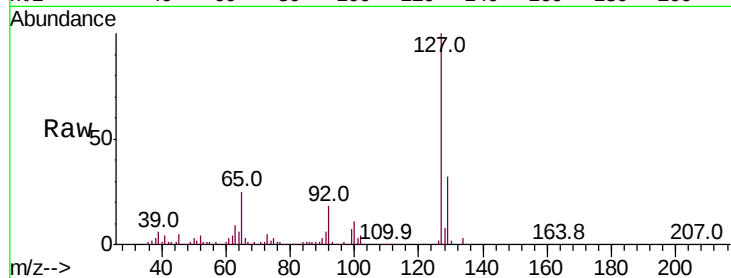




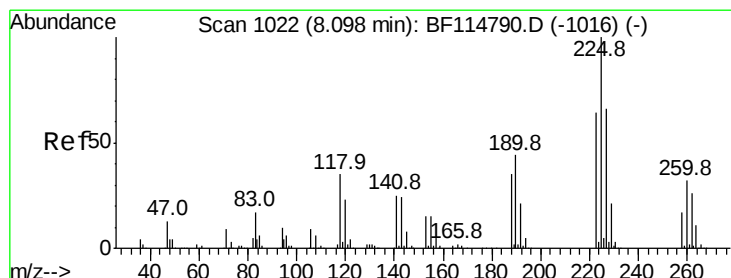
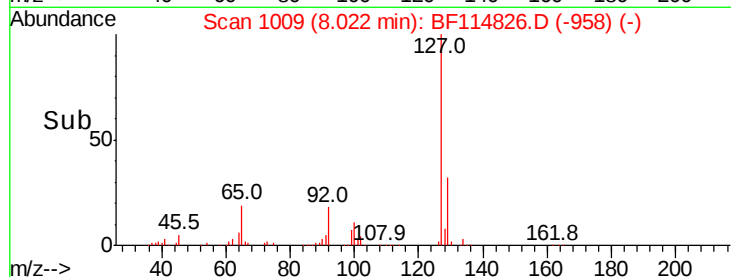
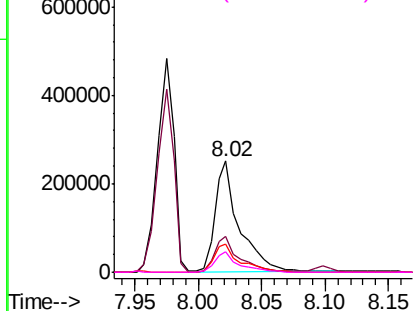
#33
4-Chloroaniline
Concen: 11.204 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	335351
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.9	40.3
65	24.9	21.7	32.5
92	18.0	14.8	22.2

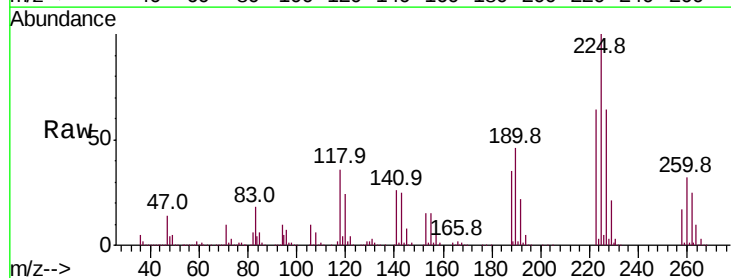


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

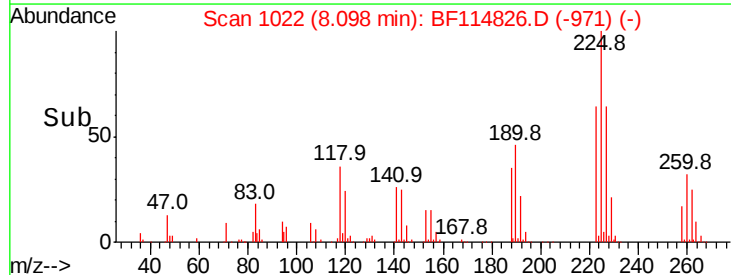
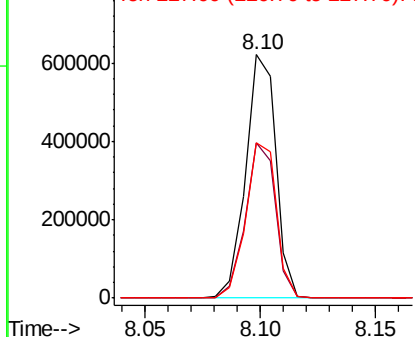


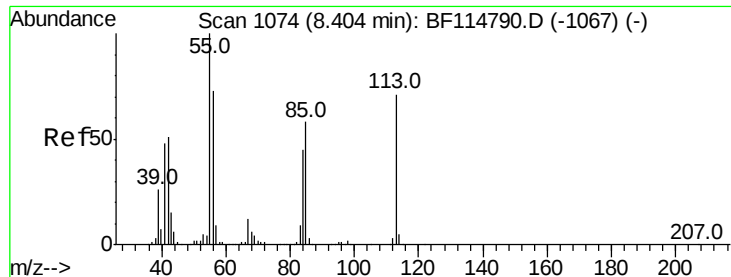
#34
Hexachlorobutadiene
Concen: 42.997 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:	225	Resp:	569741
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	63.9	52.6	78.8



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





#35

Caprolactam

Concen: 24.272 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

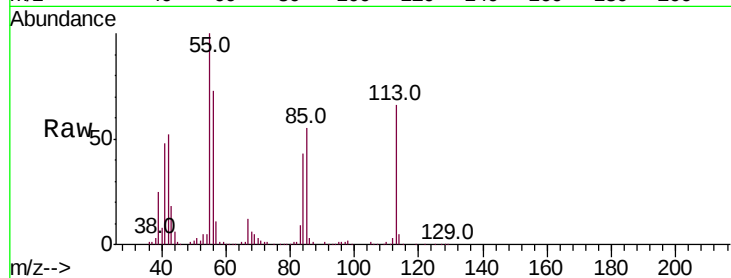
Tot Ion:113 Resp: 161056

Ion Ratio Lower Upper

113 100

55 152.0 121.1 161.1

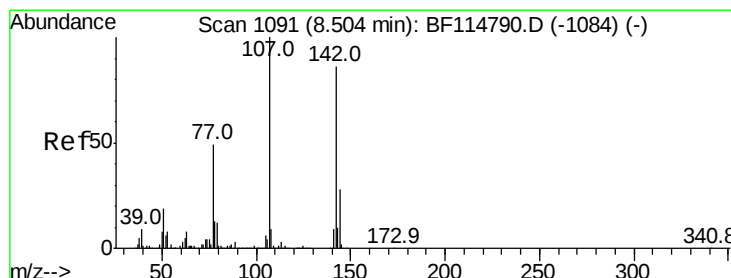
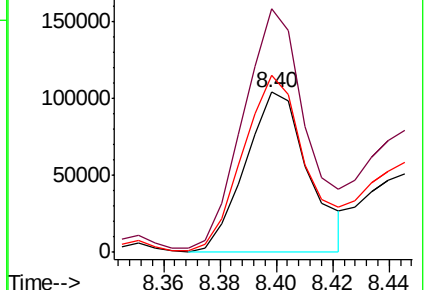
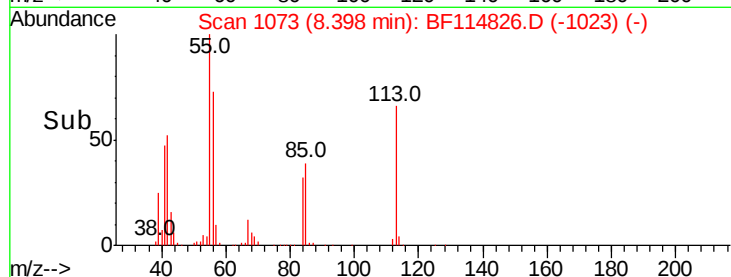
56 110.3 82.6 122.6



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: 52.778 ng

RT: 8.52 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

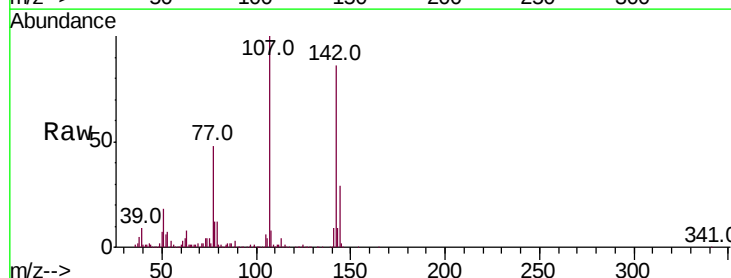
Tgt Ion:107 Resp: 1066779

Ion Ratio Lower Upper

107 100

144 28.6 22.1 33.1

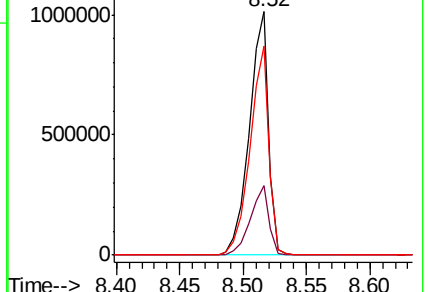
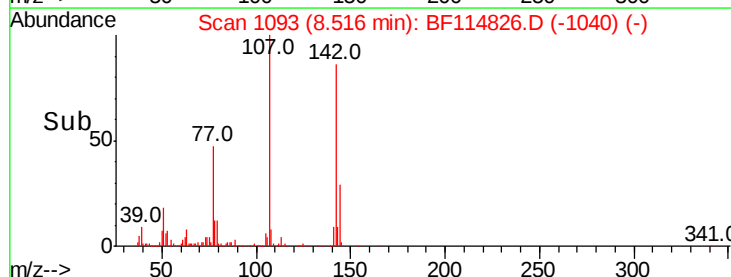
142 85.7 68.4 102.6

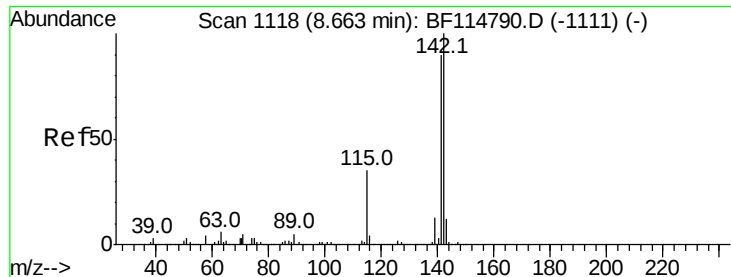


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

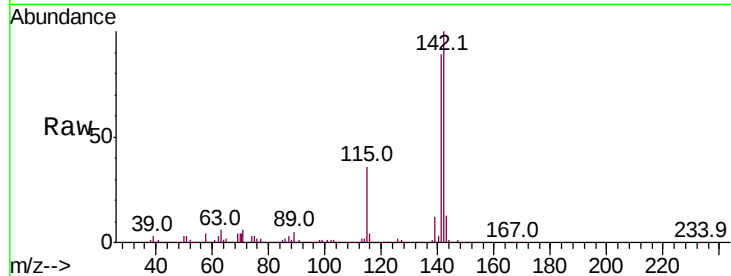




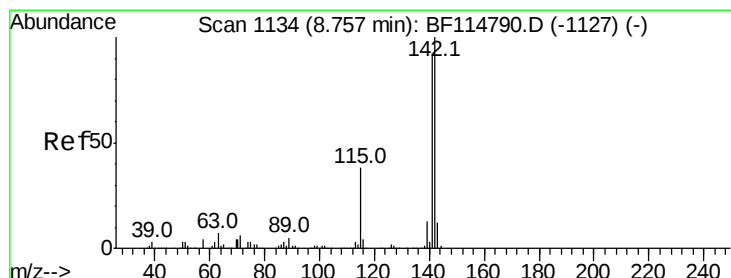
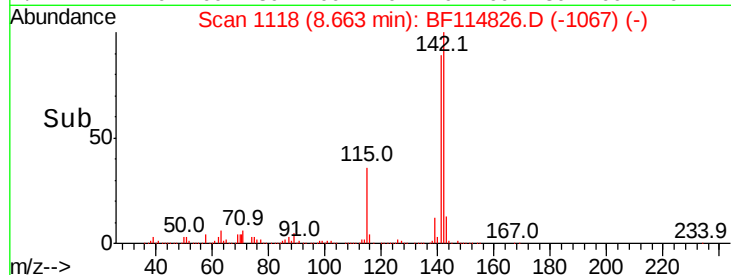
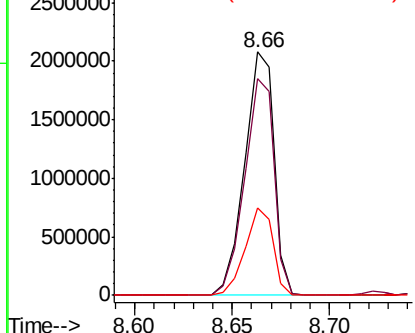
#37
2-Methylnaphthalene
Concen: 49.969 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2174569
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4
115 35.7 28.2 42.4

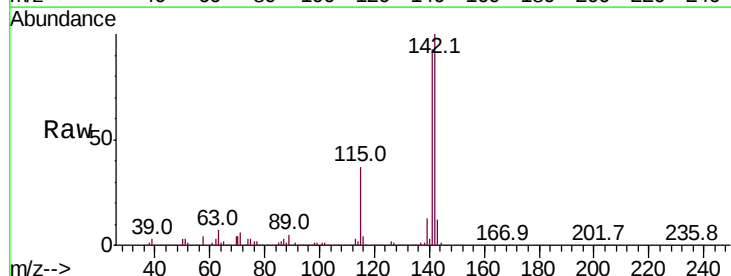


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

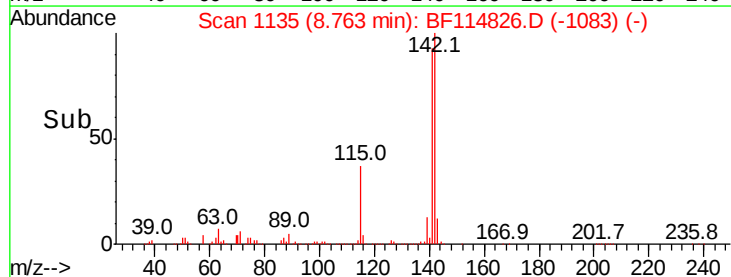
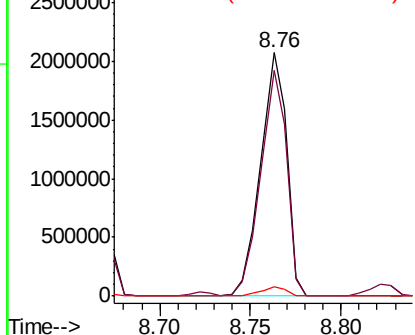


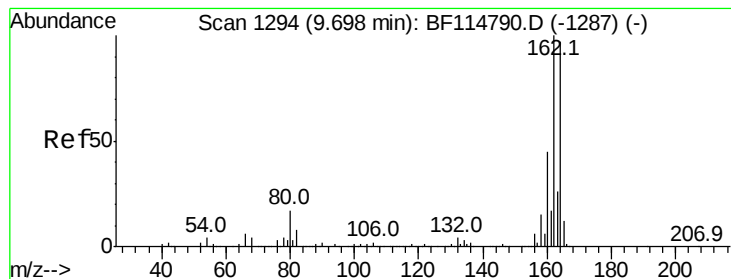
#38
1-Methylnaphthalene
Concen: 50.476 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:142 Resp: 2083152
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.6
116 3.9 3.3 4.9



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: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

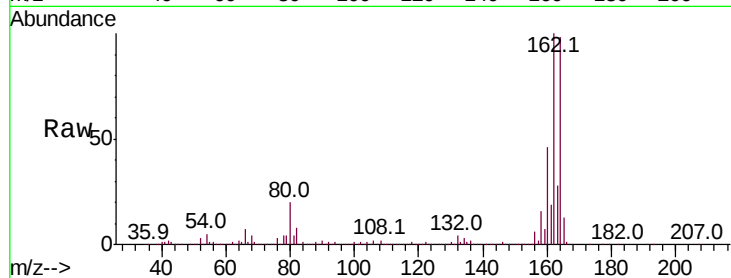
Tot Ion:164 Resp: 724611

Ion Ratio Lower Upper

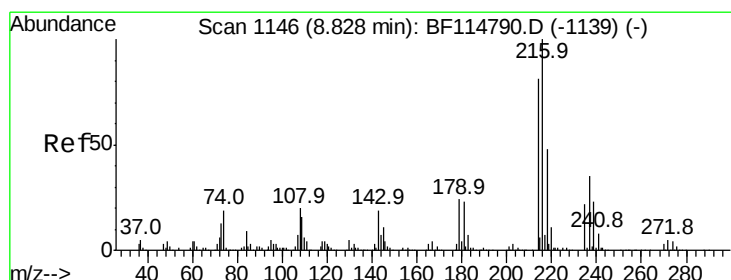
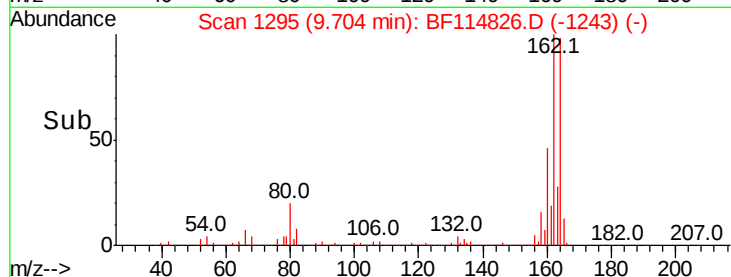
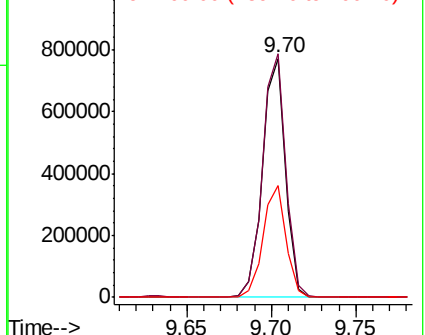
164 100

162 101.8 82.3 123.5

160 46.5 36.7 55.1



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.445 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion:216 Resp: 948989

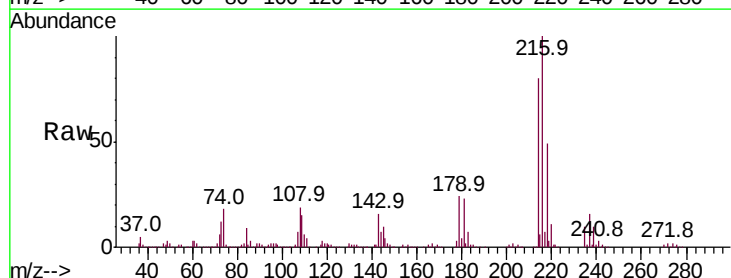
Ion Ratio Lower Upper

216 100

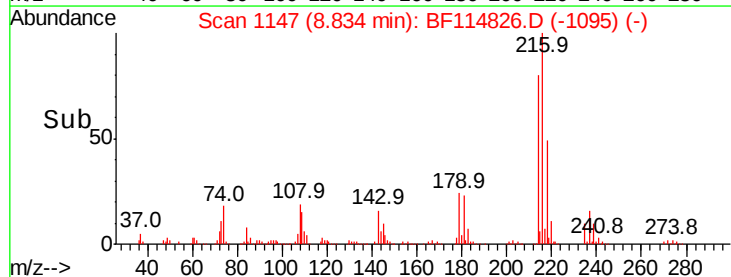
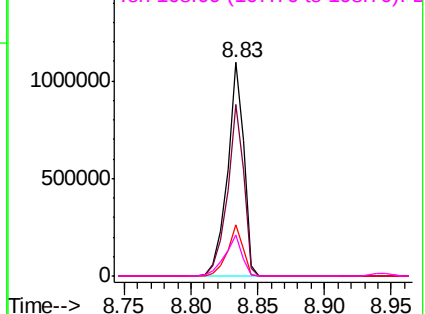
214 79.6 63.4 95.2

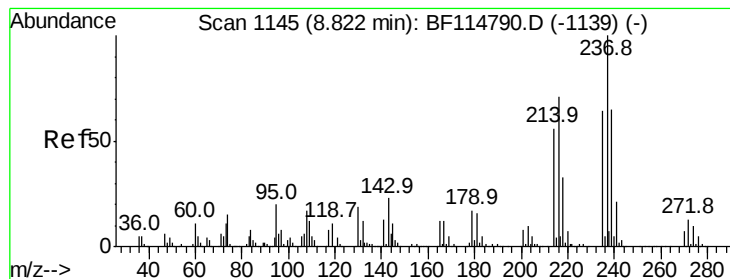
179 22.9 18.3 27.5

108 20.2 15.5 23.3



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 60.792 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampled :

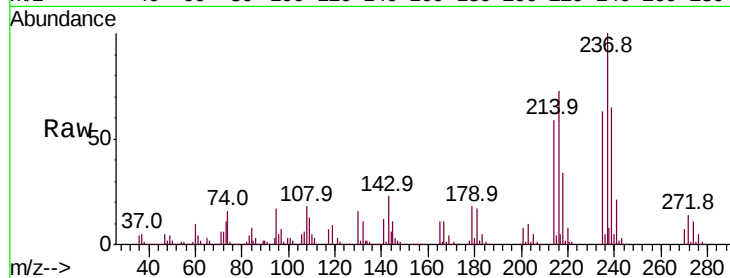
Tot Ion:237 Resp: 769928

Ion Ratio Lower Upper

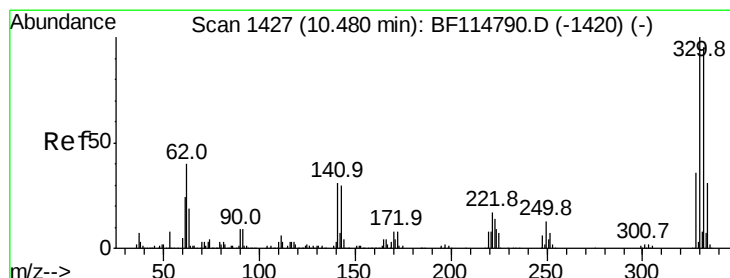
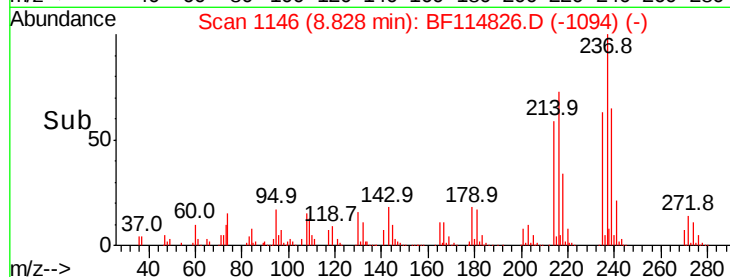
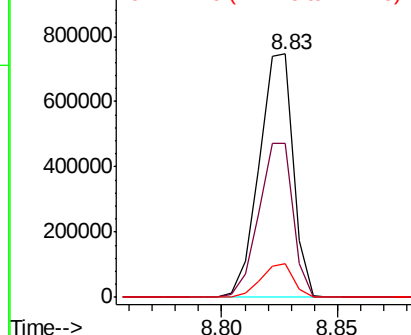
237 100

235 63.2 44.0 84.0

272 14.0 0.0 33.4



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: 140.341 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

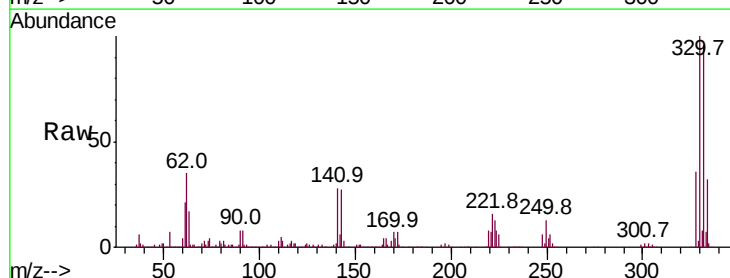
Tgt Ion:330 Resp: 1095897

Ion Ratio Lower Upper

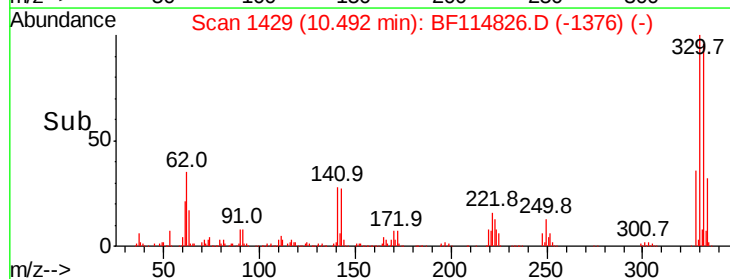
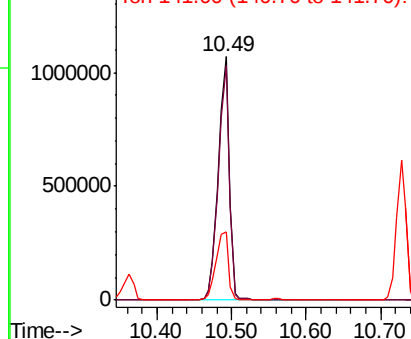
330 100

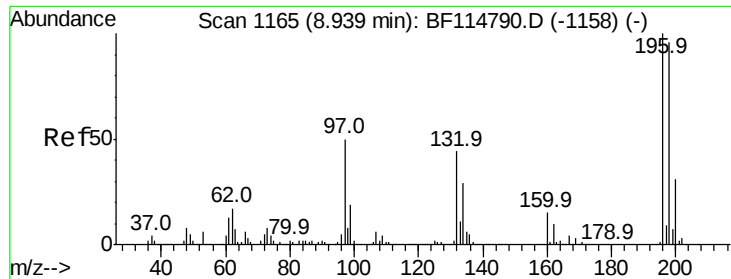
332 95.6 77.3 115.9

141 31.4 26.2 39.4



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

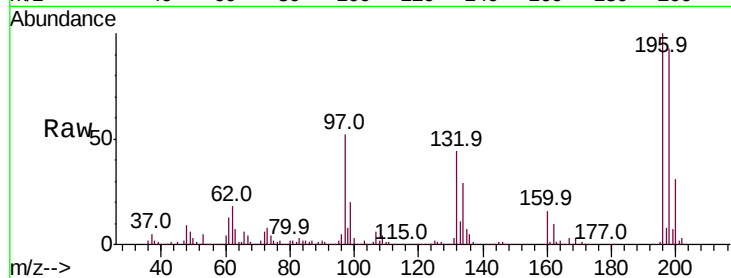




#43
 2,4,6-Trichlorophenol
 Concen: 48.254 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	77.1	115.7
200	30.9	24.6	36.8

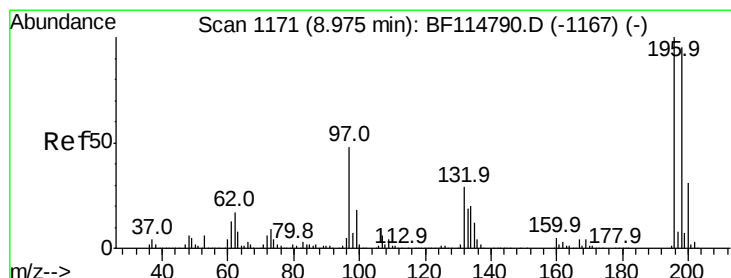
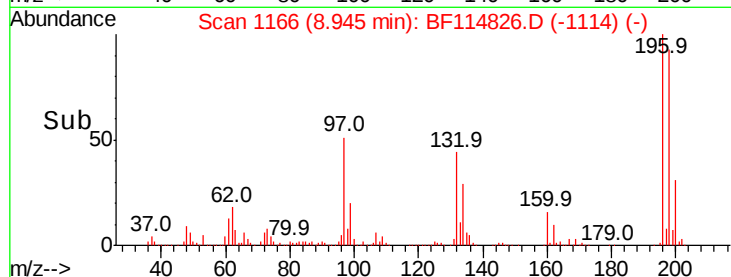
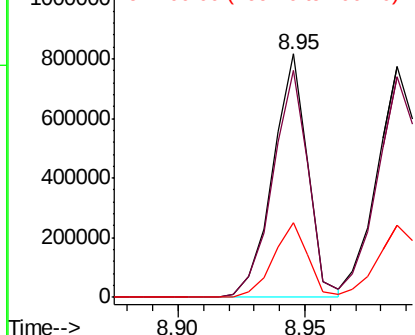


Abundance

Ion 196.00 (195.70 to 196.70): E

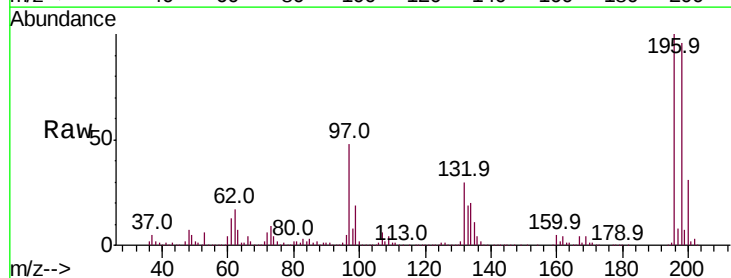
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 50.406 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.2	114.4
97	47.6	38.2	57.4
132	29.9	23.7	35.5



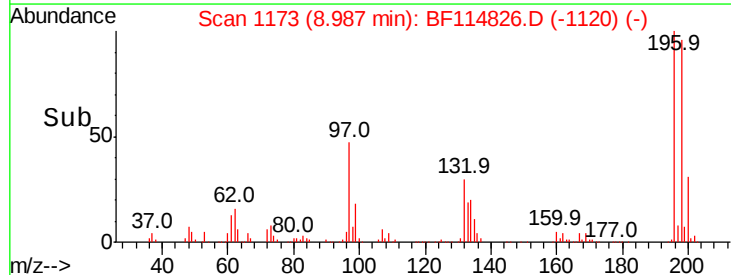
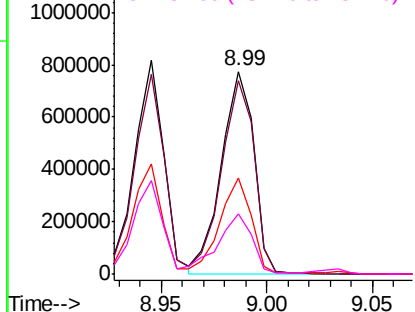
Abundance

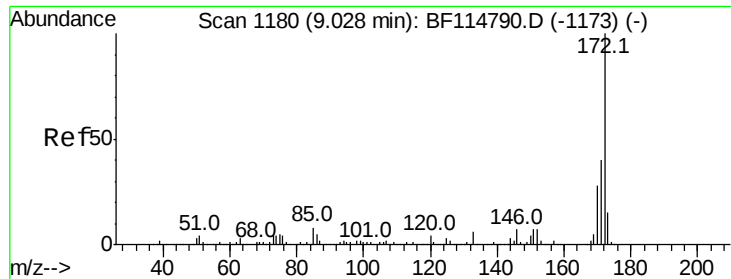
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

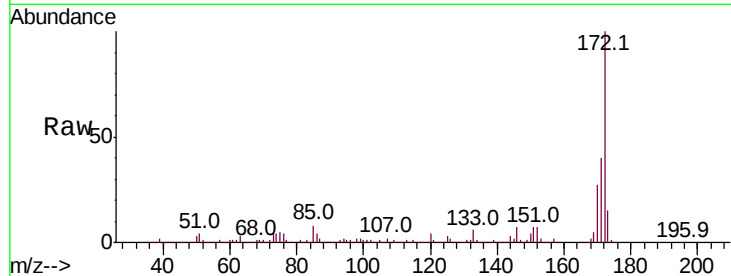




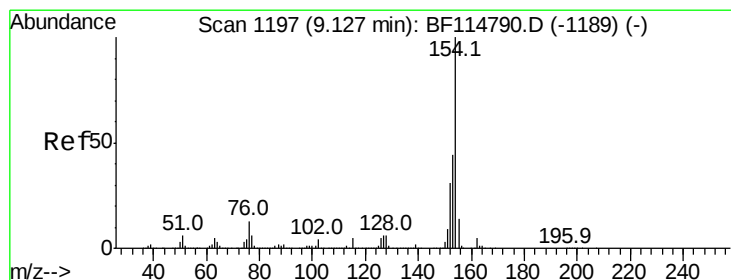
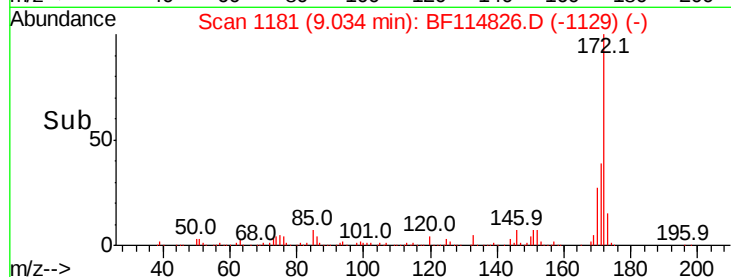
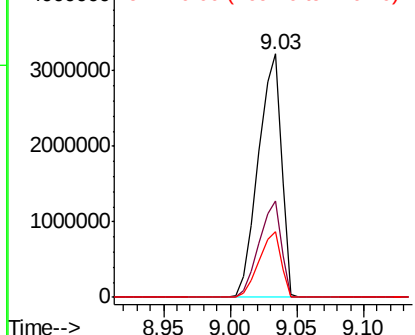
#45
2-Fluorobiphenyl
Concen: 99.037 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3830885
Ion Ratio Lower Upper
172 100
171 39.6 32.3 48.5
170 27.2 22.4 33.6

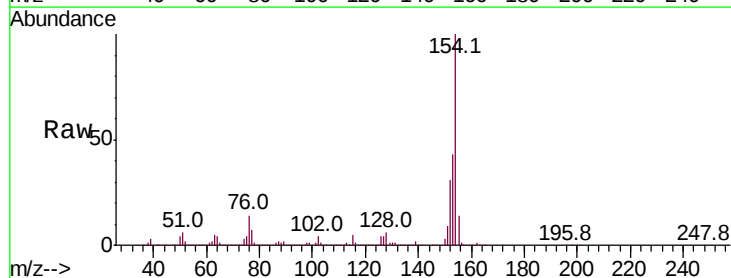


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

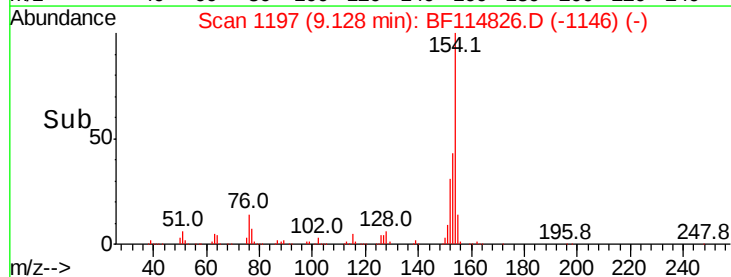
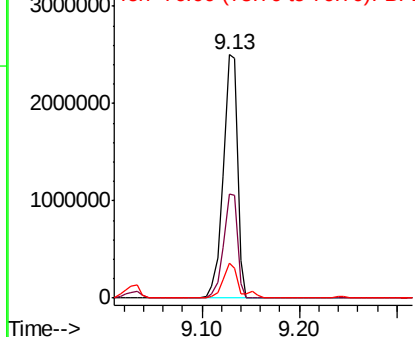


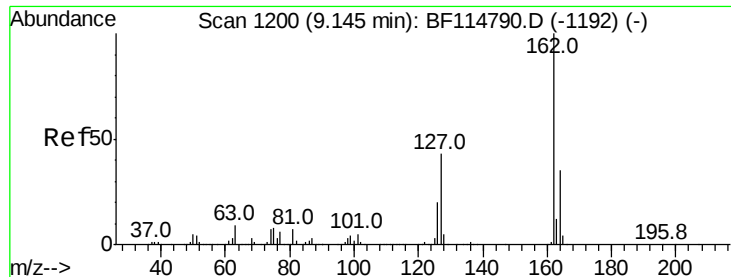
#46
1,1'-Biphenyl
Concen: 47.194 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:154 Resp: 2534517
Ion Ratio Lower Upper
154 100
153 42.8 23.9 63.9
76 14.4 0.0 33.2



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

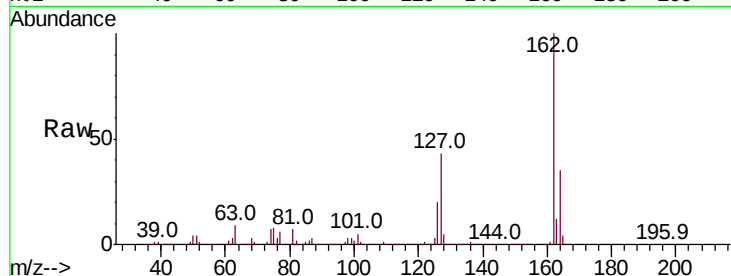




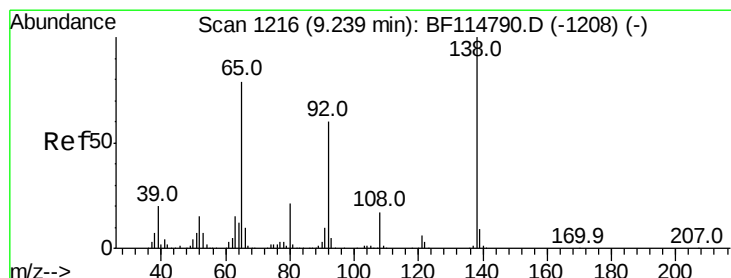
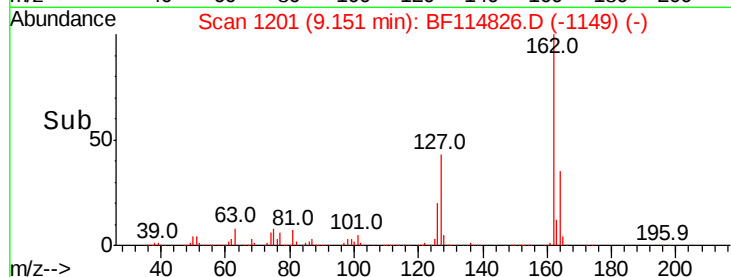
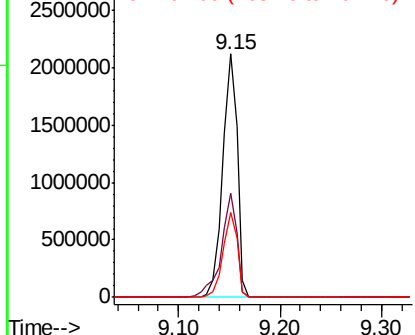
#47
 2-Chloronaphthalene
 Concen: 46.263 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 2111171
 Ion Ratio Lower Upper
 162 100
 127 42.9 34.6 51.8
 164 34.7 27.8 41.8

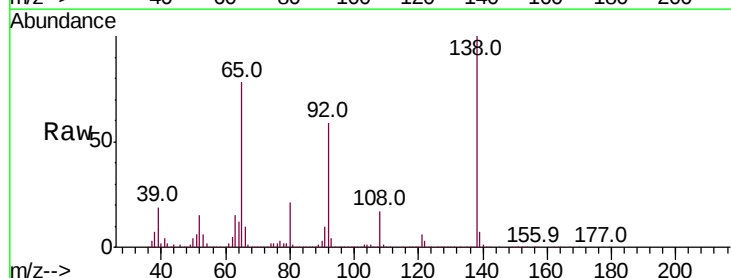


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

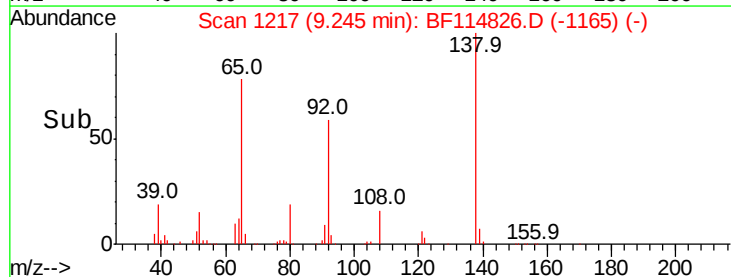
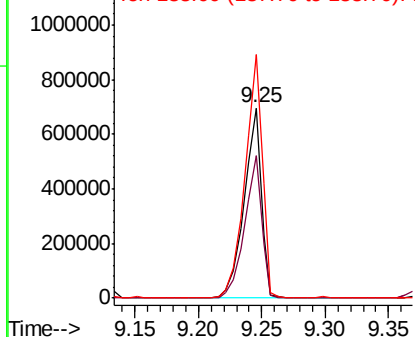


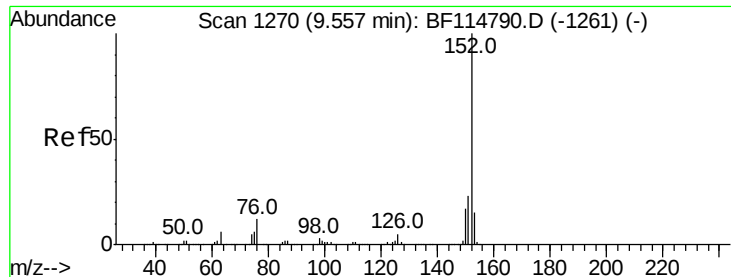
#48
 2-Nitroaniline
 Concen: 47.693 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt Ion: 65 Resp: 649498
 Ion Ratio Lower Upper
 65 100
 92 74.9 60.4 90.6
 138 128.0 101.2 151.8



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





#49

Acenaphthylene

Concen: 48.403 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

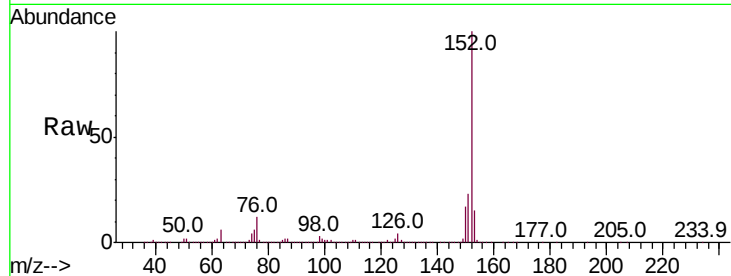
Tot Ion:152 Resp: 3203174

Ion Ratio Lower Upper

152 100

151 22.8 18.3 27.5

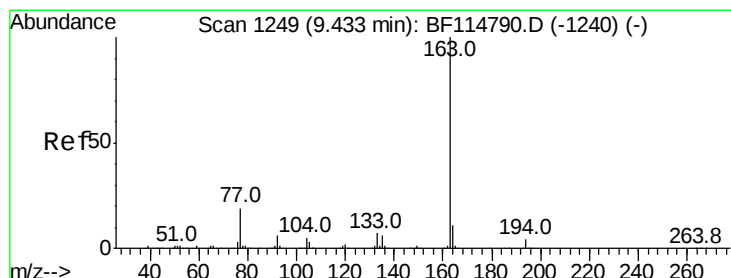
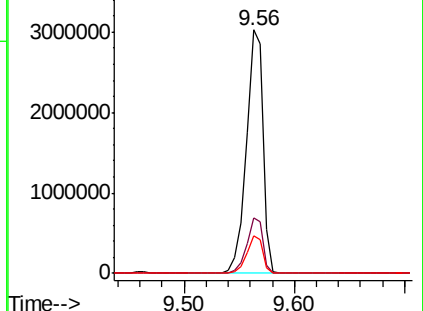
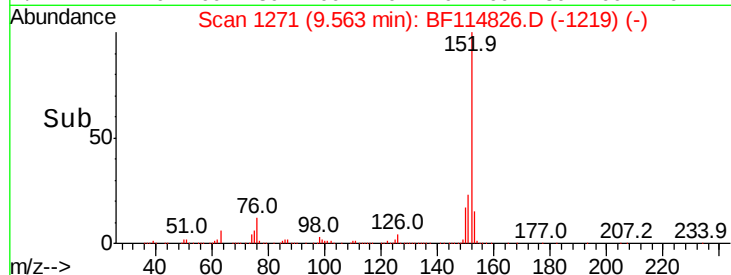
153 15.2 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 60.035 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

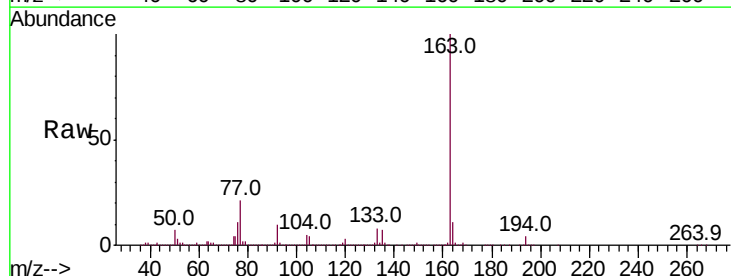
Tgt Ion:163 Resp: 3177226

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

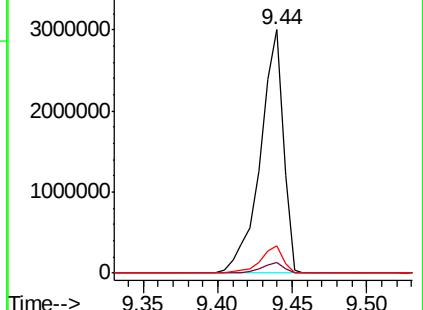
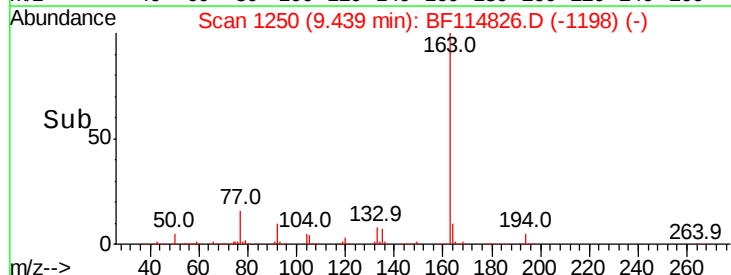
164 11.4 8.6 13.0

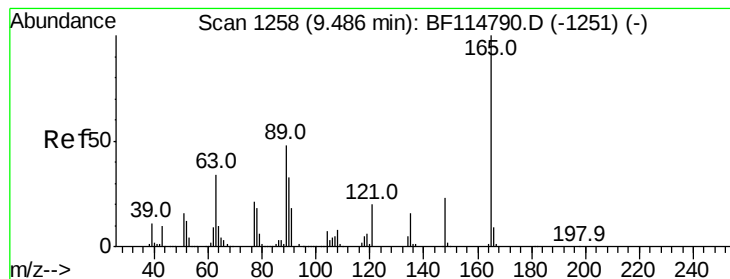


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.758 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

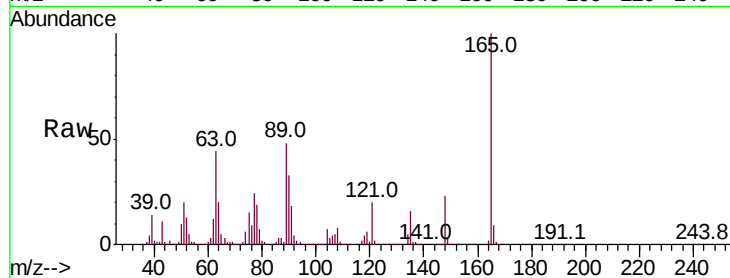
Tot Ion:165 Resp: 619302

Ion Ratio Lower Upper

165 100

63 44.2 35.1 52.7

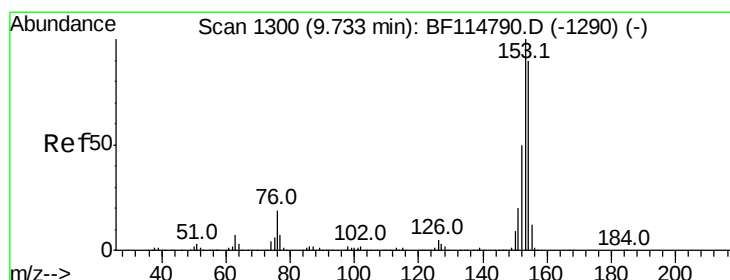
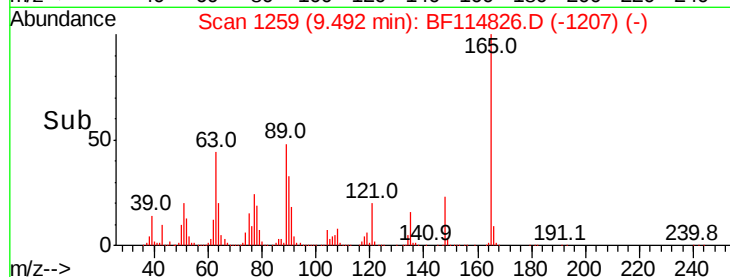
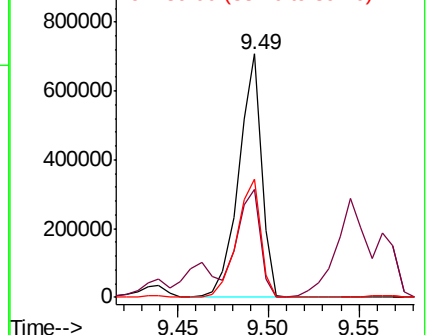
89 48.3 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 50.355 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

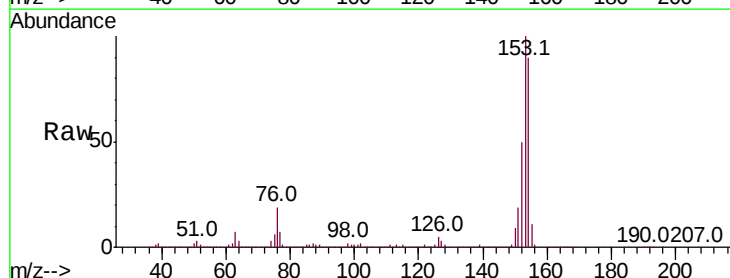
Tgt Ion:154 Resp: 2182932

Ion Ratio Lower Upper

154 100

153 111.0 88.5 132.7

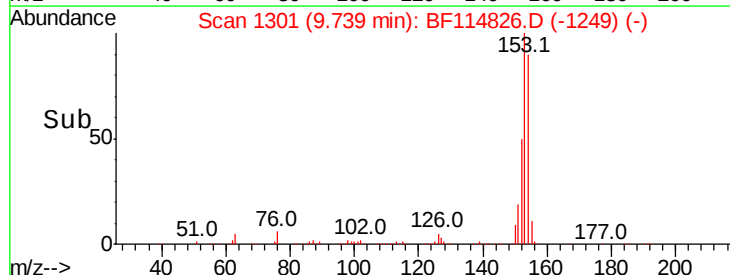
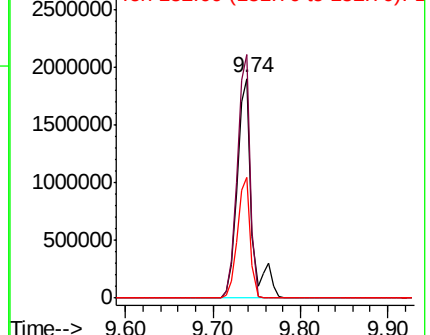
152 55.1 44.1 66.1

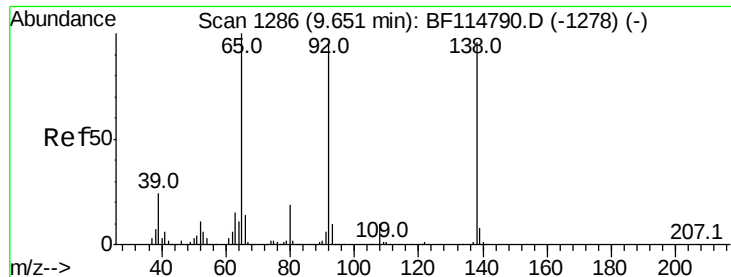


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

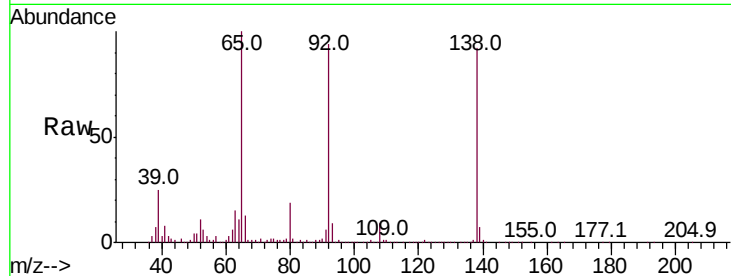




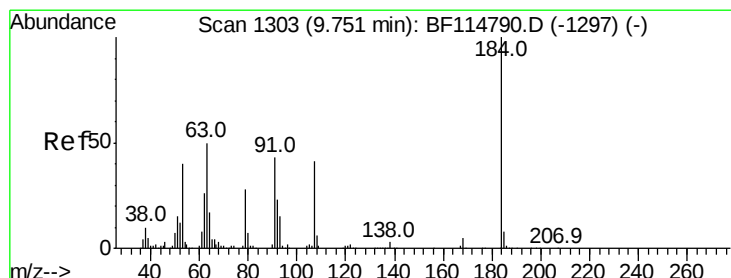
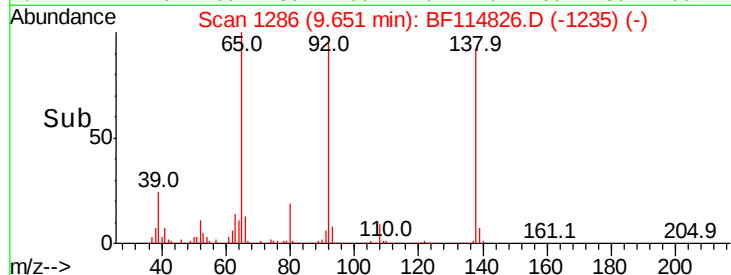
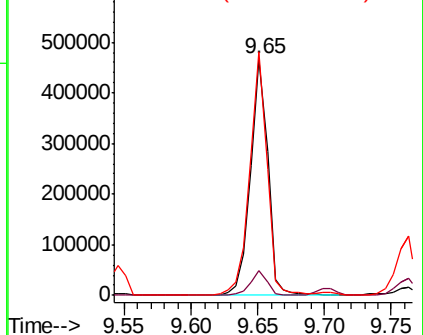
#53
3-Nitroaniline
Concen: 28.431 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 413380
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 103.2 79.9 119.9

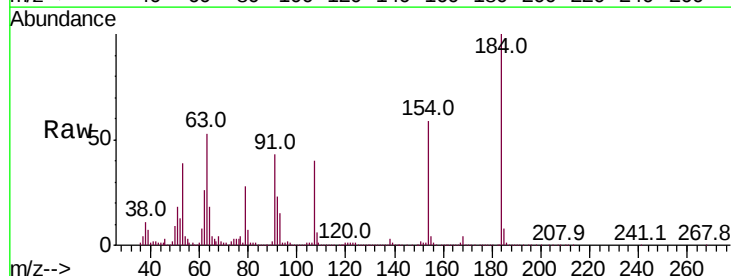


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

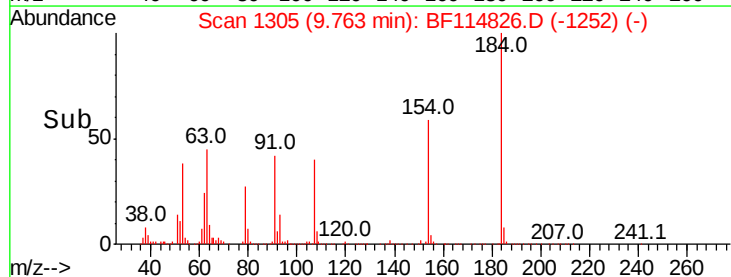
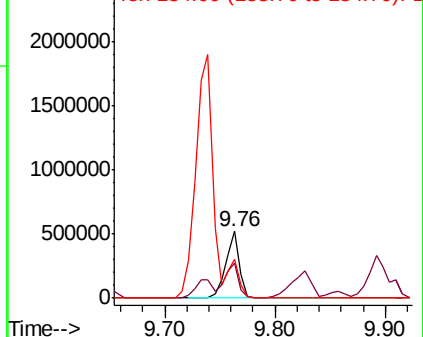


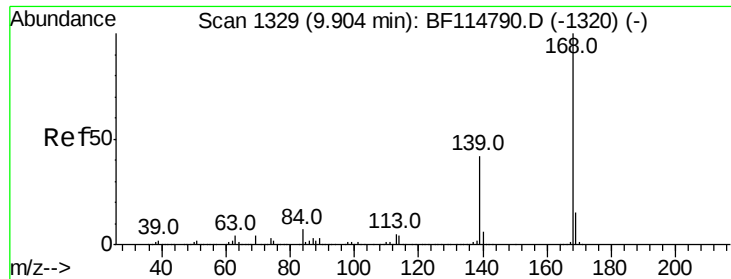
#54
2,4-Dinitrophenol
Concen: 80.936 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:184 Resp: 455836
Ion Ratio Lower Upper
184 100
63 53.2 44.1 66.1
154 58.7 48.1 72.1



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

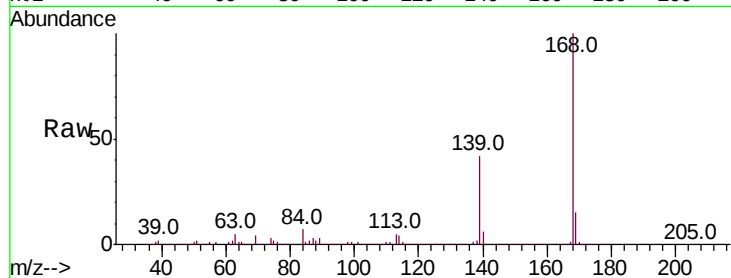




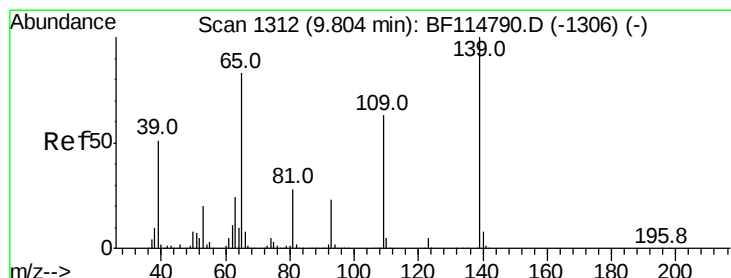
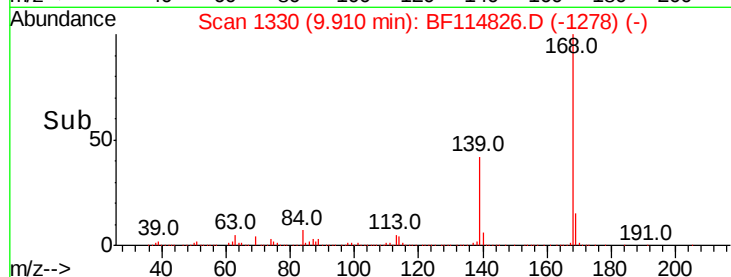
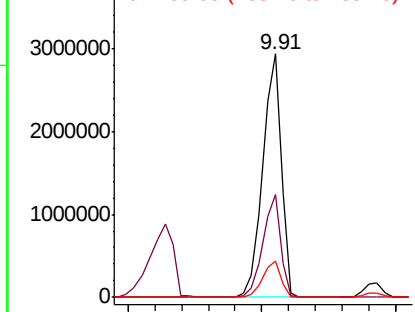
#55
Dibenzofuran
Concen: 46.452 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2800138
Ion Ratio Lower Upper
168 100
139 42.1 33.8 50.6
169 15.0 11.9 17.9

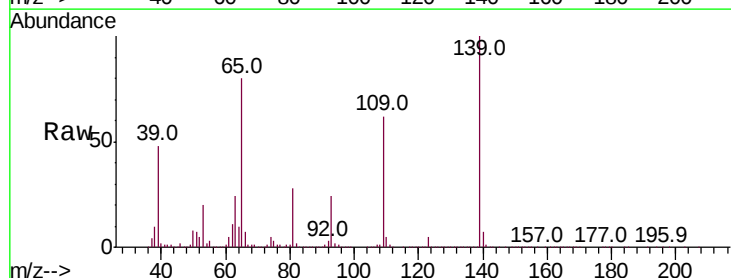


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

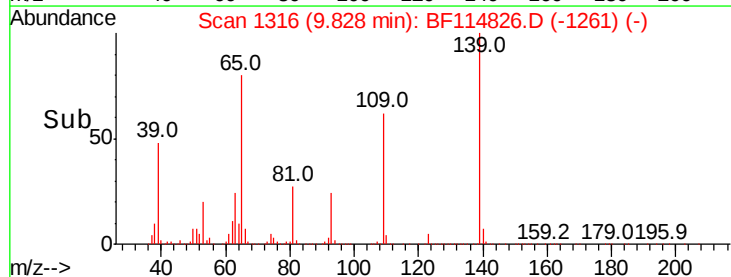
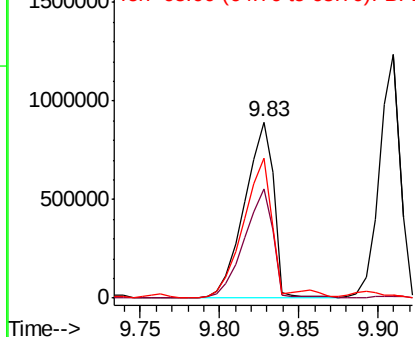


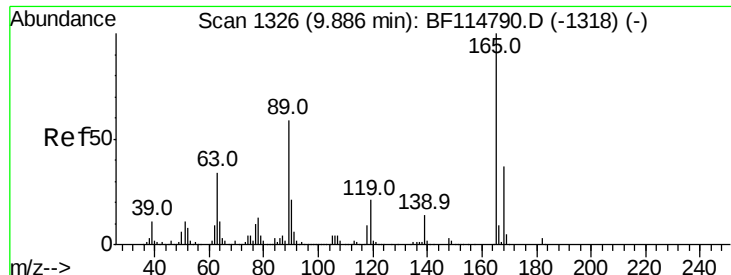
#56
4-Nitrophenol
Concen: 106.691 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:139 Resp: 1136697
Ion Ratio Lower Upper
139 100
109 62.2 43.5 83.5
65 79.8 63.2 103.2



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

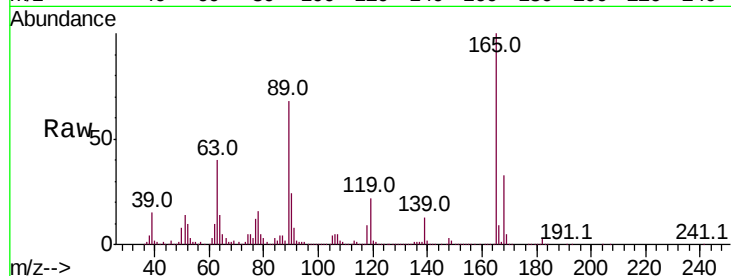




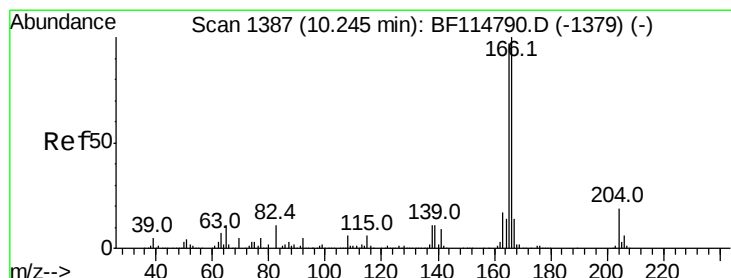
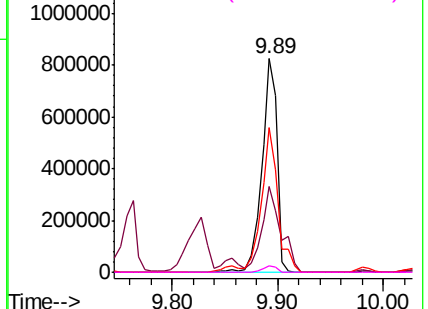
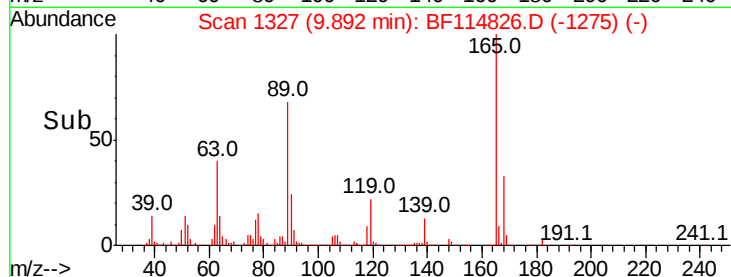
#57
 2,4-Dinitrotoluene
 Concen: 53.125 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp: 831212
Ion Ratio	Lower Upper
165 100	
63 40.4	27.0 40.4
89 67.6	47.0 70.6
182 2.8	2.2 3.2

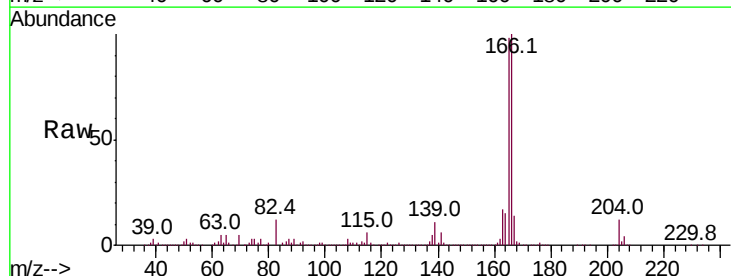


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

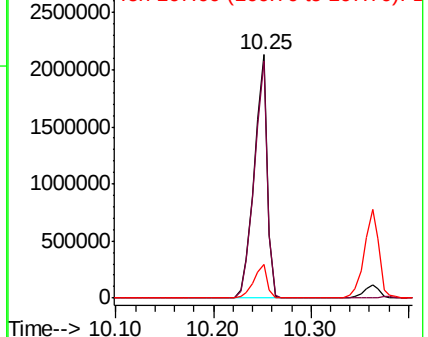
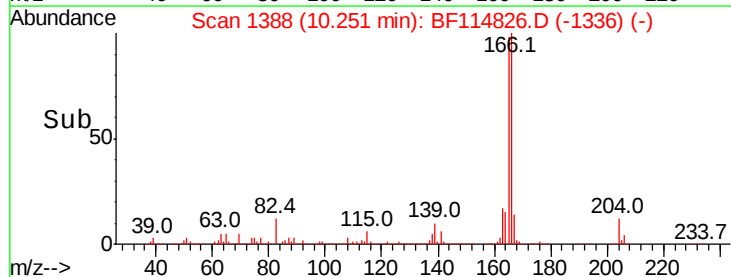


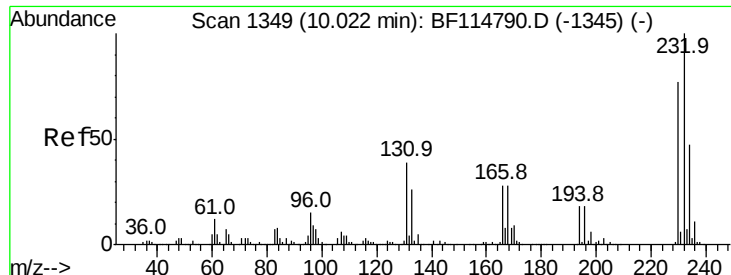
#58
 Fluorene
 Concen: 52.635 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt	Ion:166	Resp:	1973172
Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	14.0	11.3	16.9



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

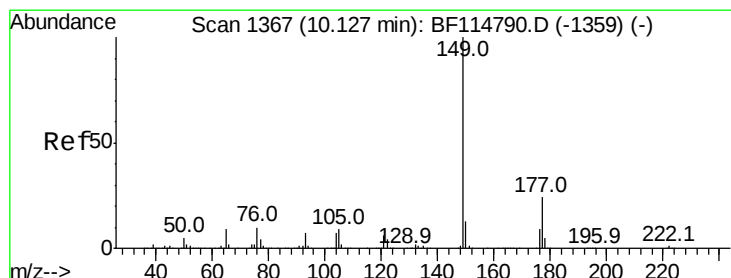
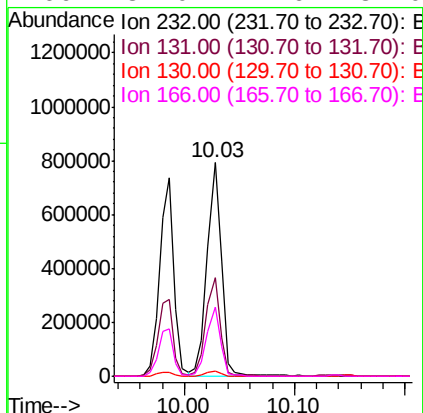
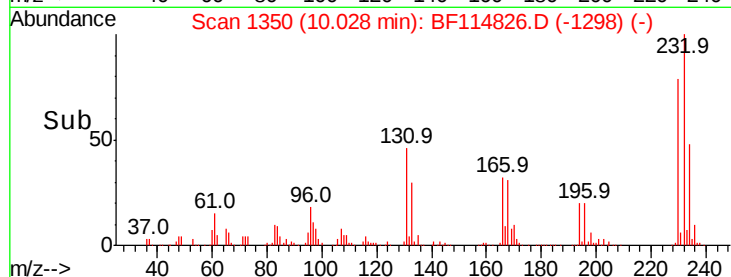
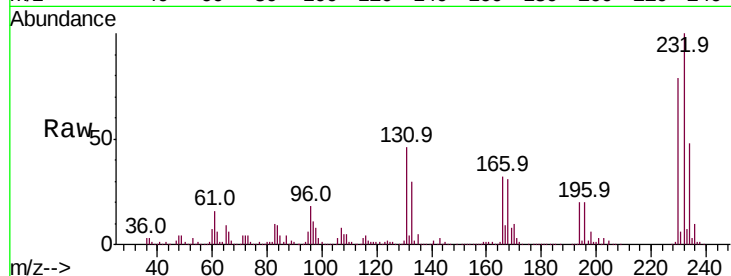




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.523 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

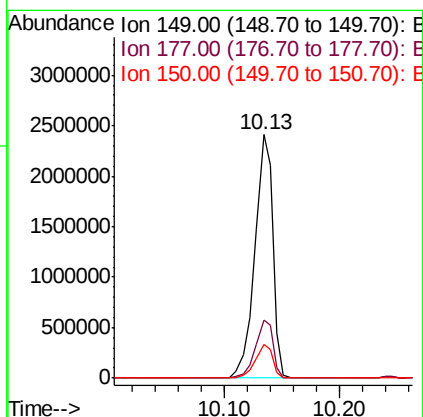
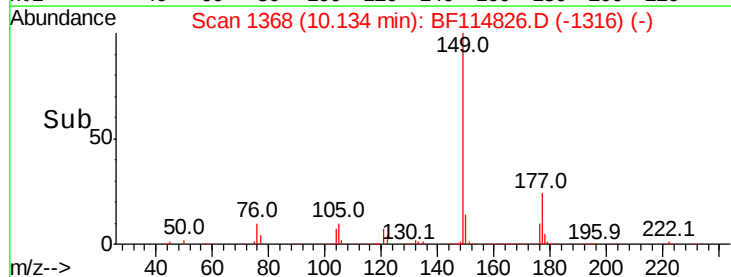
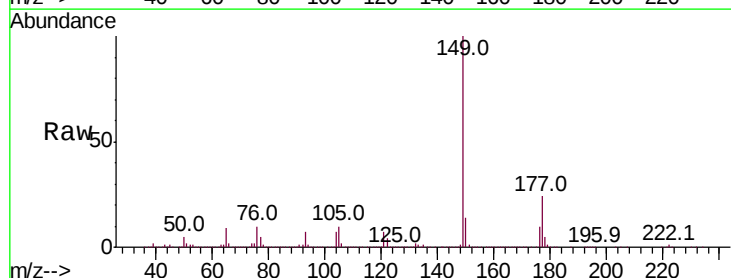
Instrument :
 BNA_F
 ClientSampleId :

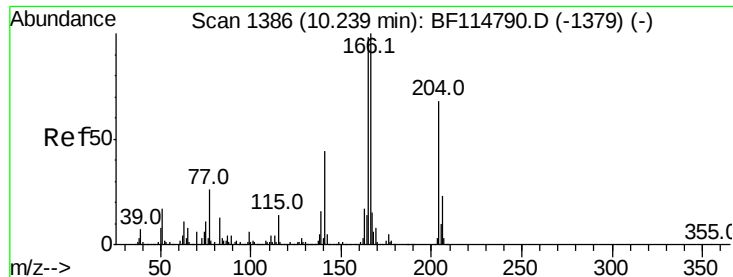
Tot Ion:232 Resp: 690294
 Ion Ratio Lower Upper
 232 100
 131 45.8 36.8 55.2
 130 2.2 1.8 2.6
 166 31.0 24.6 37.0



#60
 Diethylphthalate
 Concen: 49.093 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt Ion:149 Resp: 2607123
 Ion Ratio Lower Upper
 149 100
 177 23.9 19.3 28.9
 150 13.8 10.7 16.1

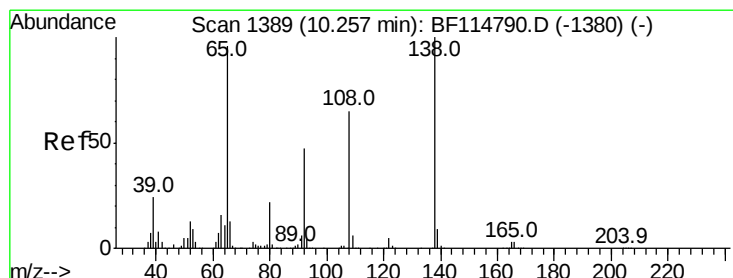
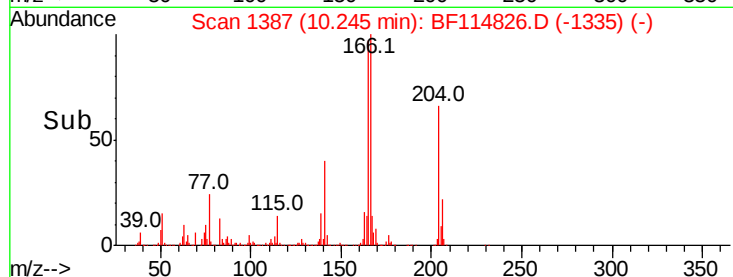
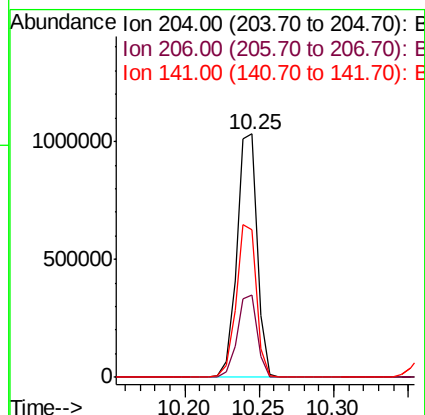
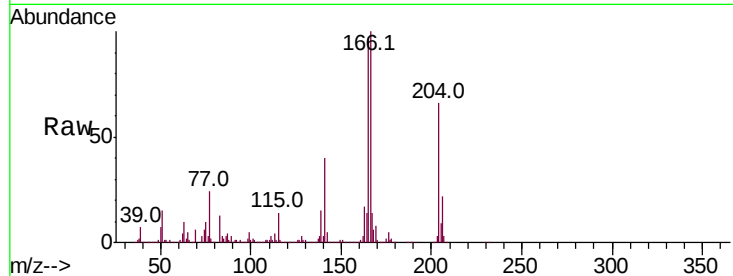




#61
4-Chlorophenyl-phenylether
Concen: 42.843 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

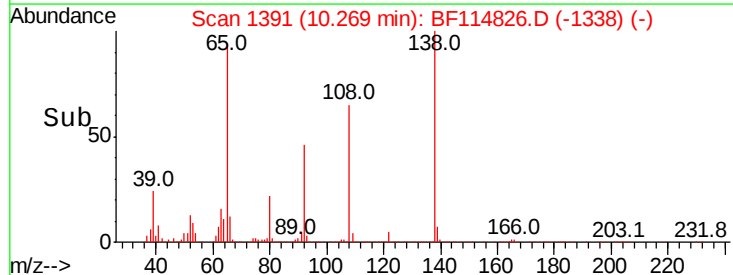
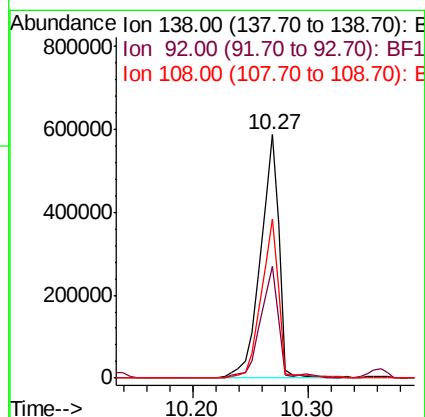
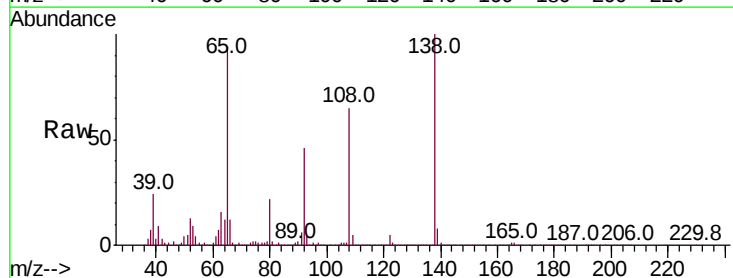
Instrument :
BNA_F
ClientSampled :

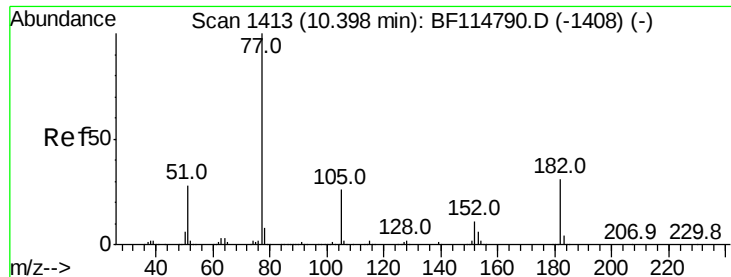
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	60.8	51.0	76.4



#62
4-Nitroaniline
Concen: 47.007 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.7	26.5	66.5
108	65.2	45.4	85.4





#63

Azobenzene

Concen: 50.520 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

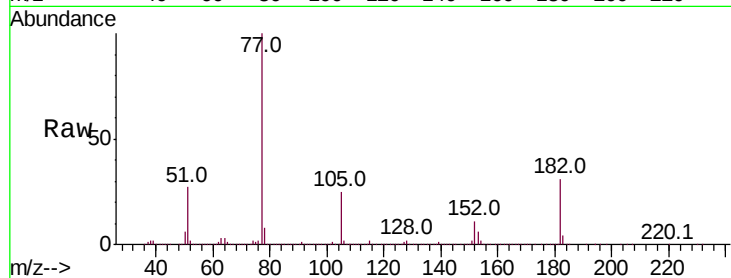
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2283725

Ion	Ratio	Lower	Upper
77	100		
182	30.7	11.2	51.2
105	25.3	5.7	45.7
51	27.2	8.0	48.0

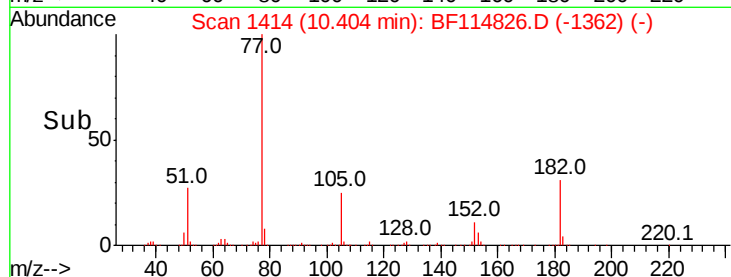


Abundance Ion 77.00 (76.70 to 77.70): BF1

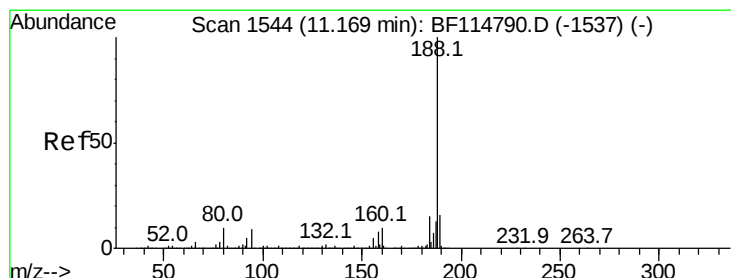
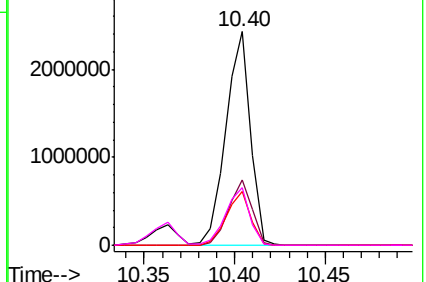
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

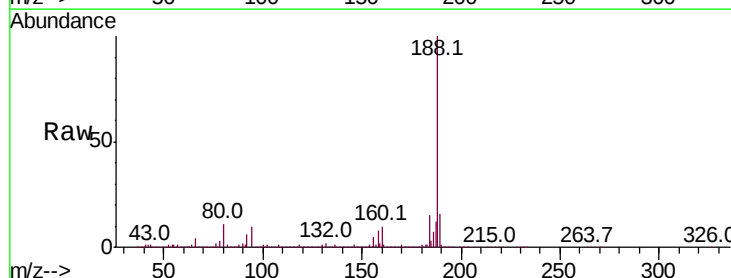
Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Tgt Ion: 188 Resp: 1472712

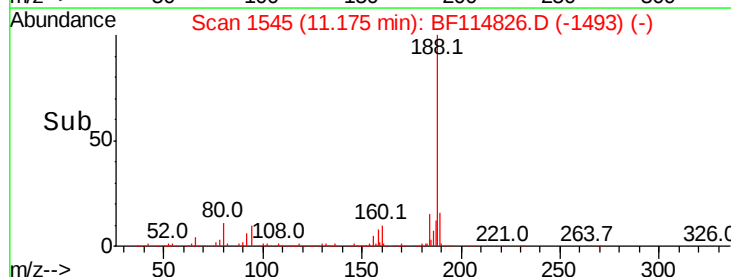
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.6	11.4
80	11.0	8.3	12.5



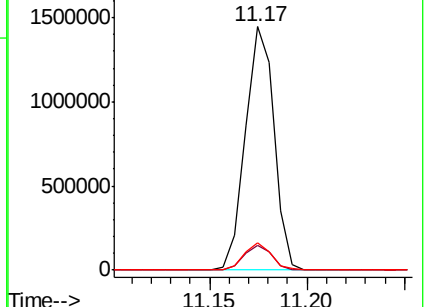
Abundance Ion 188.00 (187.70 to 188.70): E

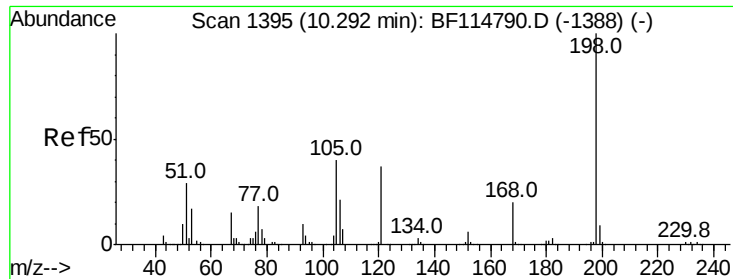
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

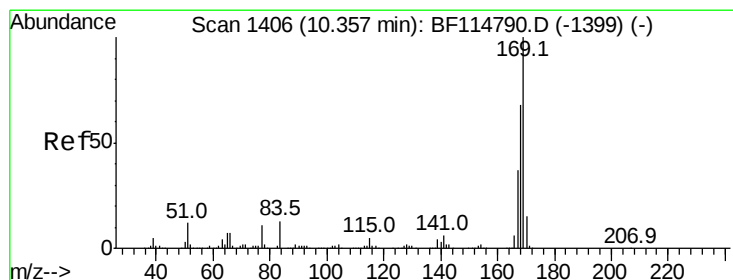
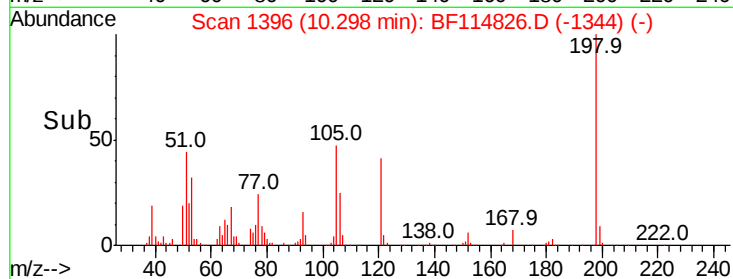
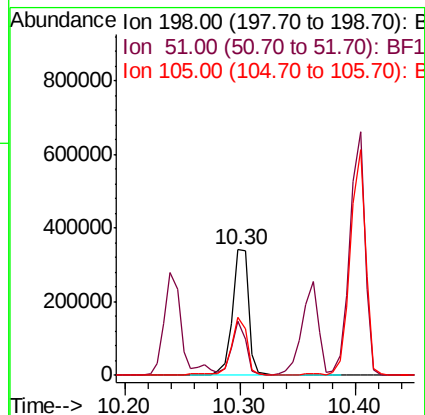
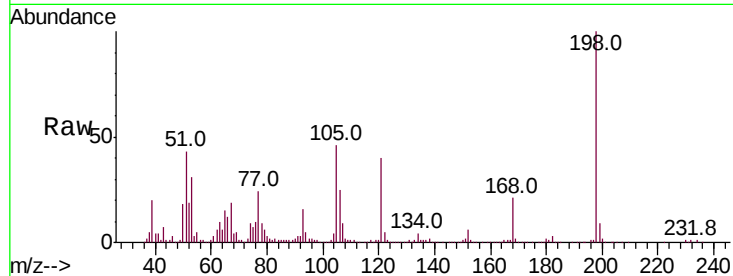




#65
4,6-Dinitro-2-methylphenol
Concen: 43.623 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

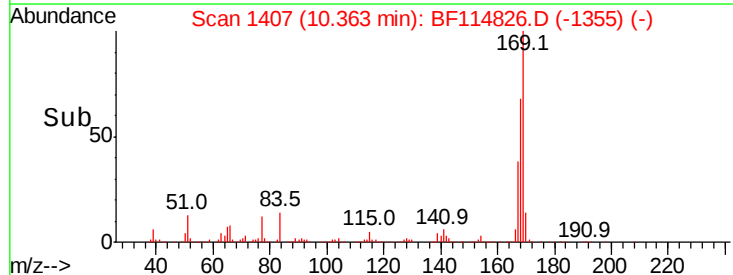
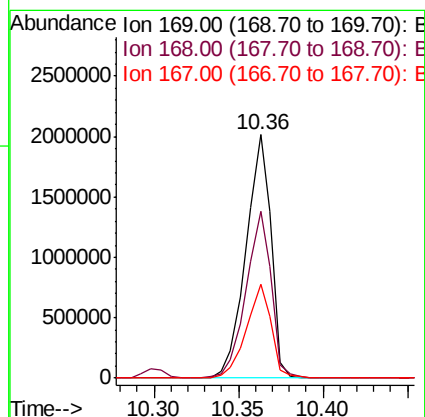
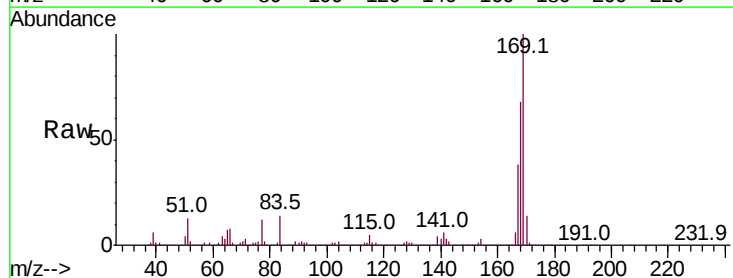
Instrument :
BNA_F
ClientSampleId :

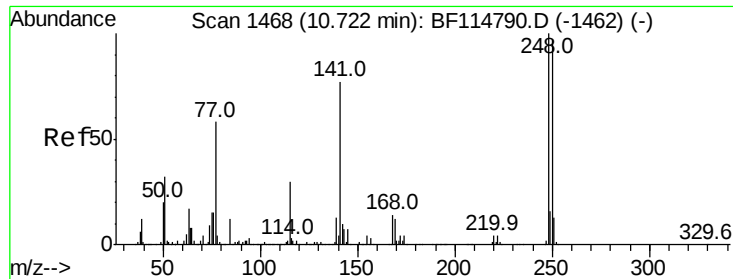
Tot Ion:198 Resp: 333722
Ion Ratio Lower Upper
198 100
51 42.7 14.9 54.9
105 45.8 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 46.986 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:169 Resp: 2092370
Ion Ratio Lower Upper
169 100
168 68.3 54.3 81.5
167 38.3 29.9 44.9

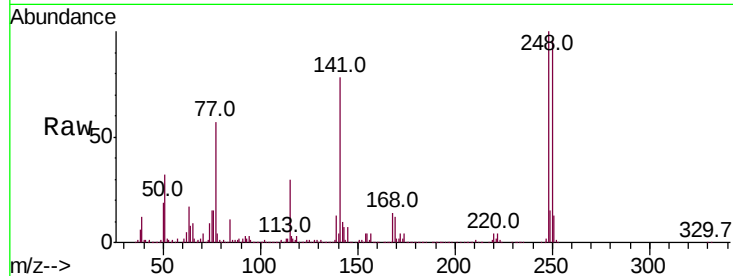




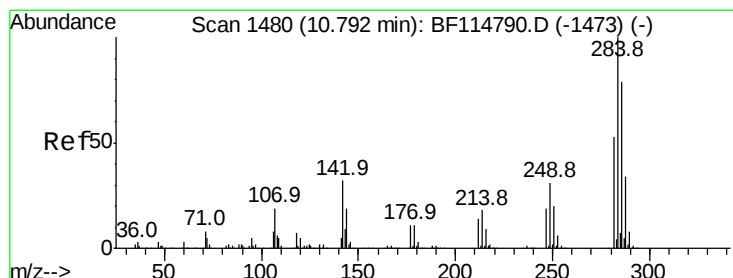
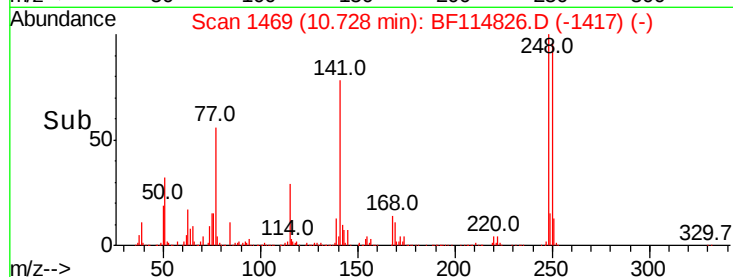
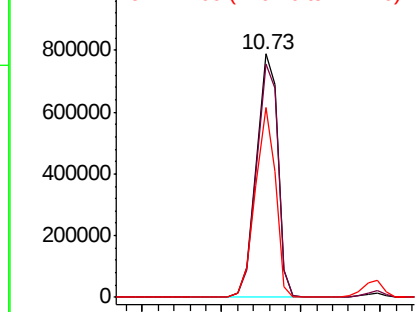
#67
4-Bromophenyl-phenylether
Concen: 44.355 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 741904
Ion Ratio Lower Upper
248 100
250 96.0 77.5 116.3
141 78.2 61.8 92.8

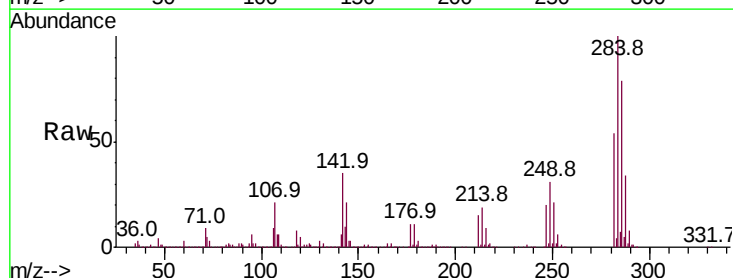


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

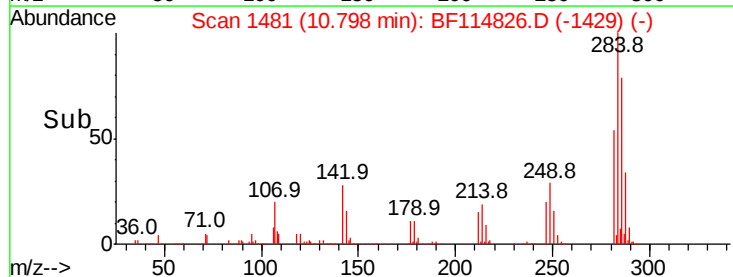
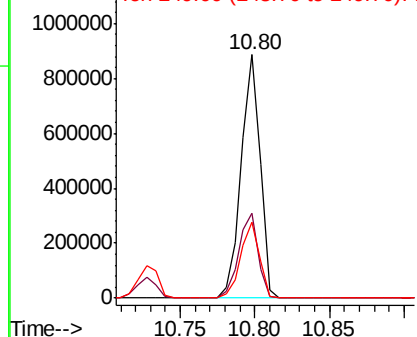


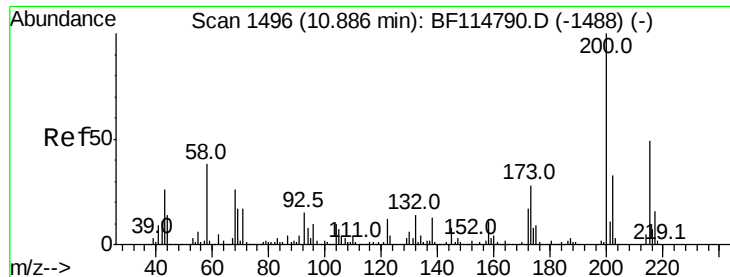
#68
Hexachlorobenzene
Concen: 43.108 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:284 Resp: 789131
Ion Ratio Lower Upper
284 100
142 34.7 25.3 37.9
249 31.4 24.9 37.3



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

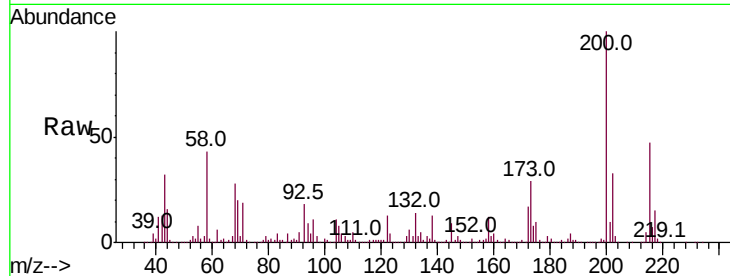




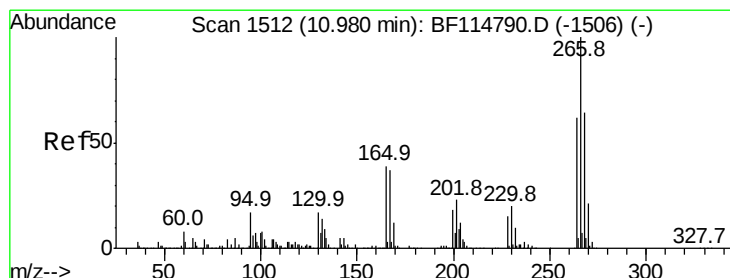
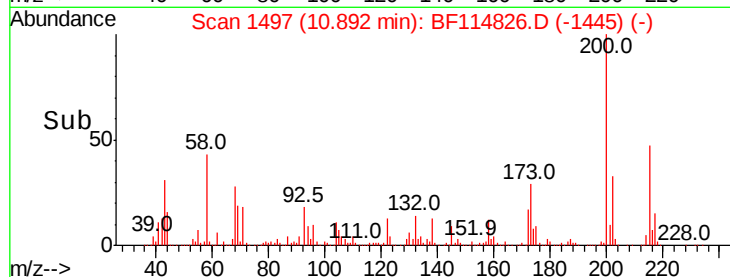
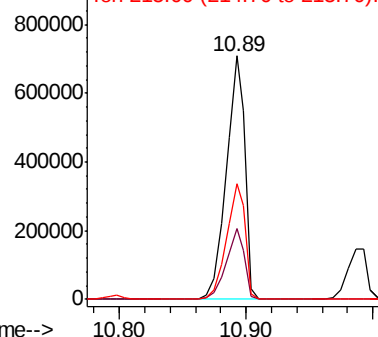
#69
Atrazine
Concen: 46.985 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.0	8.0	48.0
215	47.5	28.7	68.7

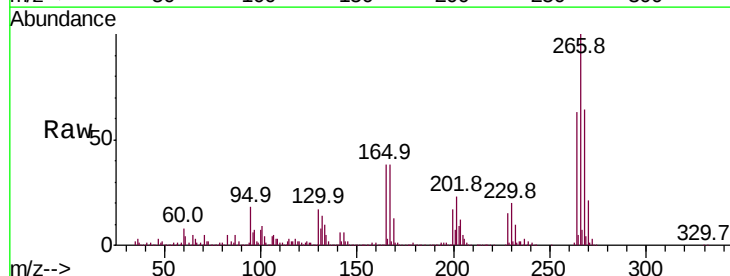


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

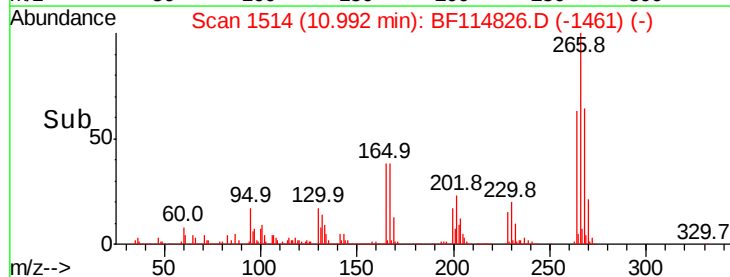
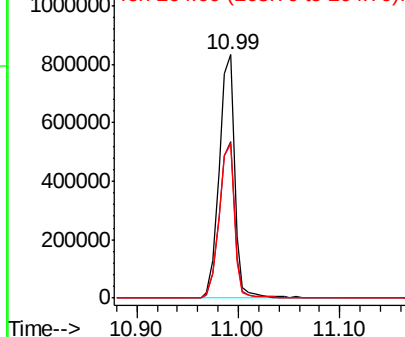


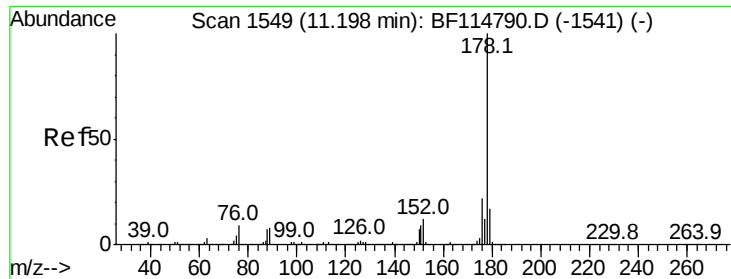
#70
Pentachlorophenol
Concen: 83.979 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.0	76.6
264	63.0	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

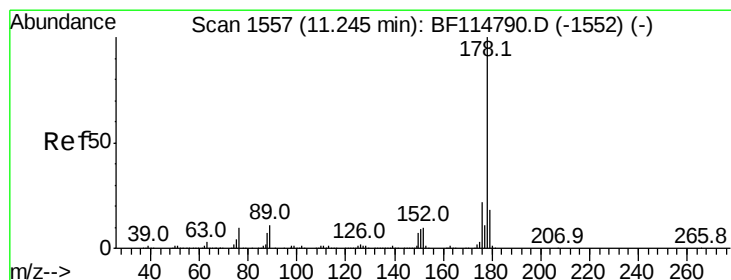
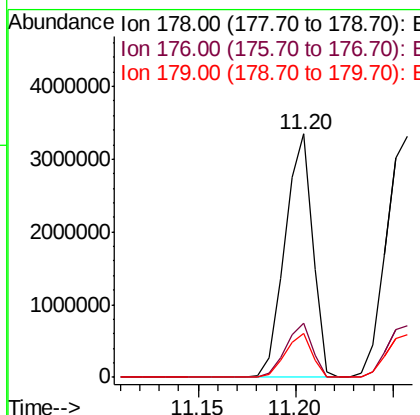
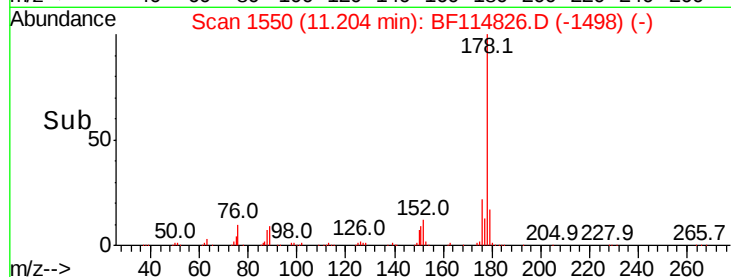
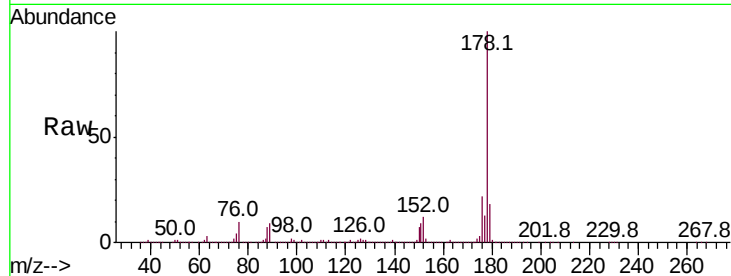




#71
Phenanthrene
Concen: 46.854 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

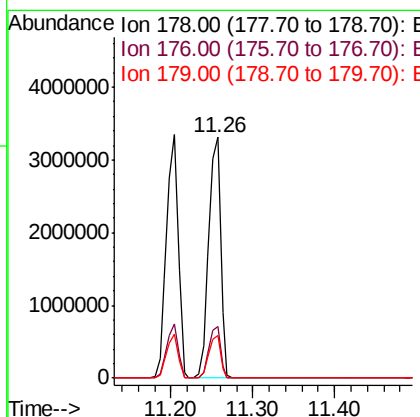
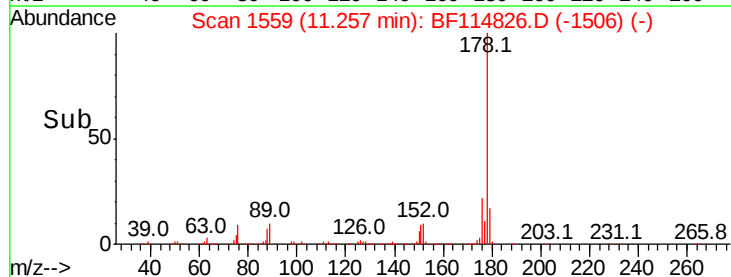
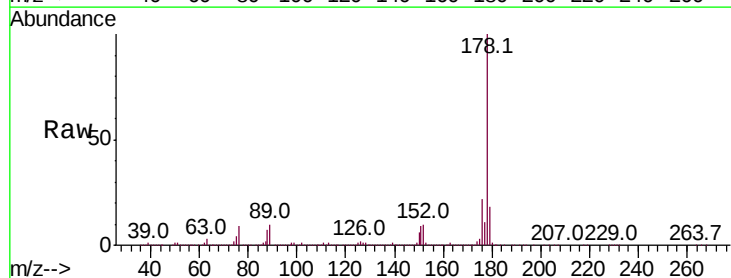
Instrument :
BNA_F
ClientSampleId :

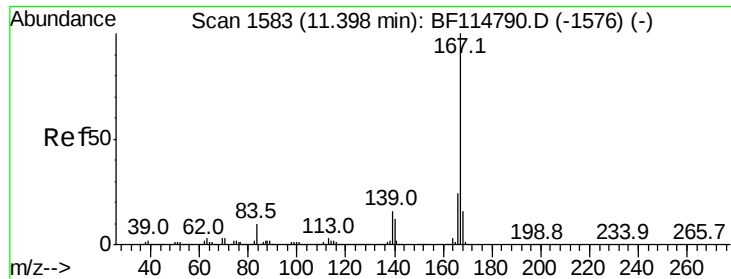
Tot Ion:178 Resp: 3294073
Ion Ratio Lower Upper
178 100
176 22.4 17.7 26.5
179 17.8 13.7 20.5



#72
Anthracene
Concen: 45.450 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:178 Resp: 3362854
Ion Ratio Lower Upper
178 100
176 21.7 17.4 26.0
179 17.6 14.2 21.4

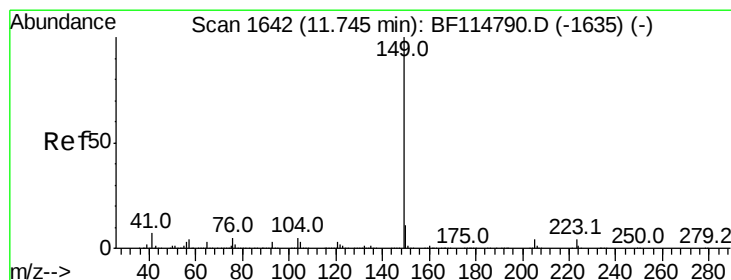
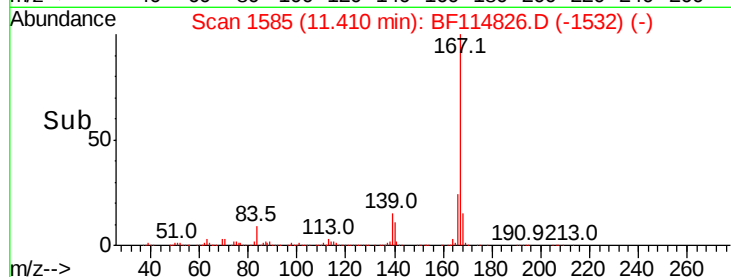
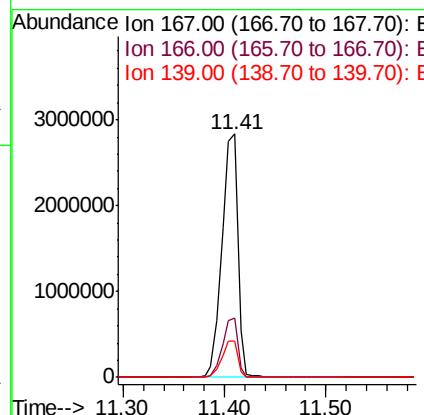
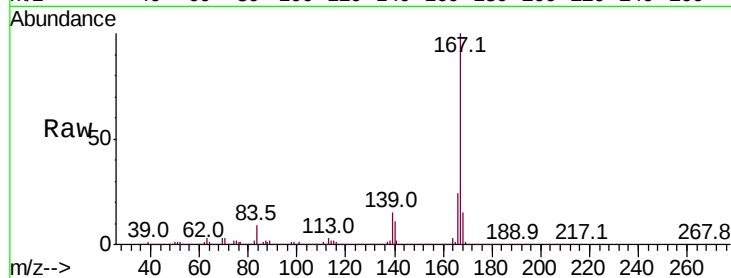




#73
 Carbazole
 Concen: 49.115 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

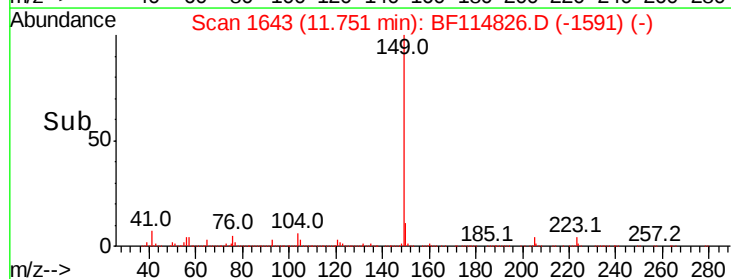
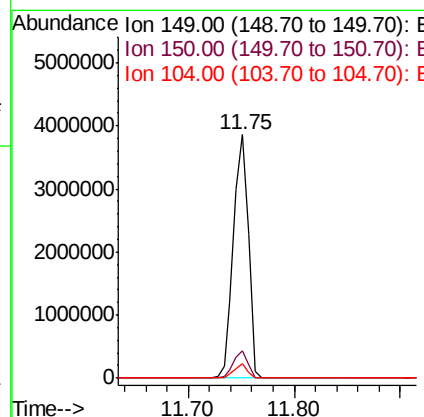
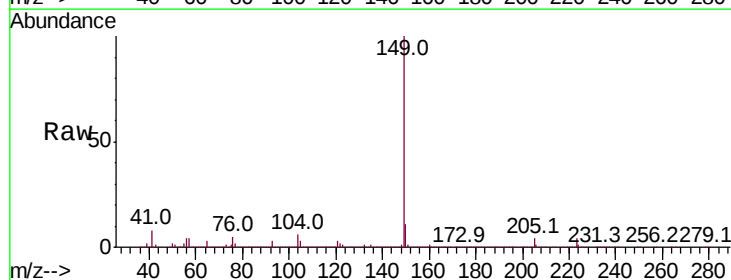
Instrument :
 BNA_F
 ClientSampleId :

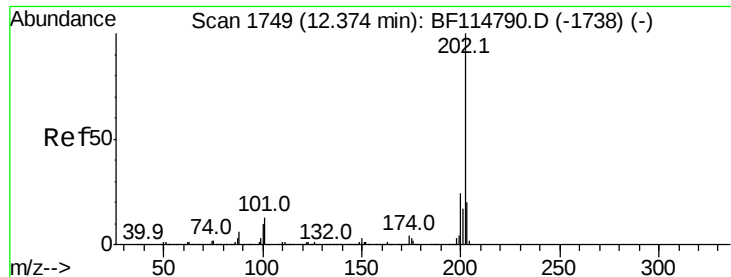
Tot Ion:167 Resp: 3115242
 Ion Ratio Lower Upper
 167 100
 166 24.1 19.1 28.7
 139 14.8 12.4 18.6



#74
 Di-n-butylphthalate
 Concen: 45.159 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF114826.D
 Acq: 5 Jun 2019 19:01

Tgt Ion:149 Resp: 3767360
 Ion Ratio Lower Upper
 149 100
 150 11.3 8.9 13.3
 104 5.7 4.3 6.5





#75

Fluoranthene

Concen: 47.252 ng

RT: 12.39 min Scan# 1751

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

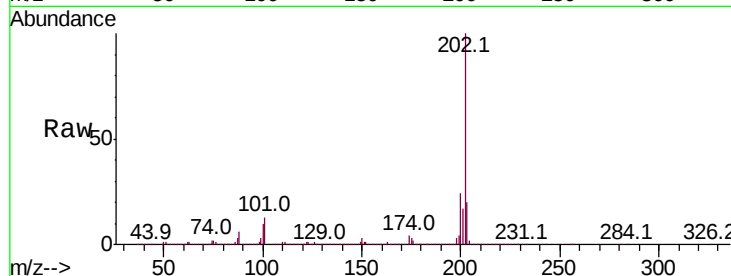
Tot Ion:202 Resp: 3457685

Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.8

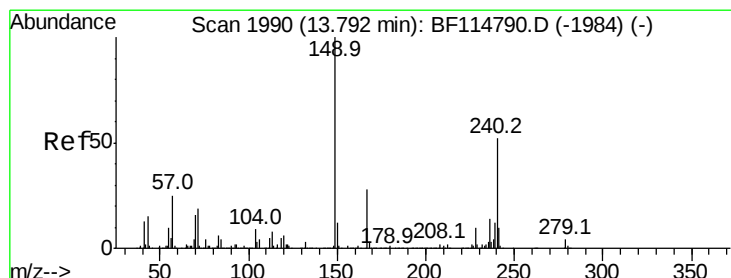
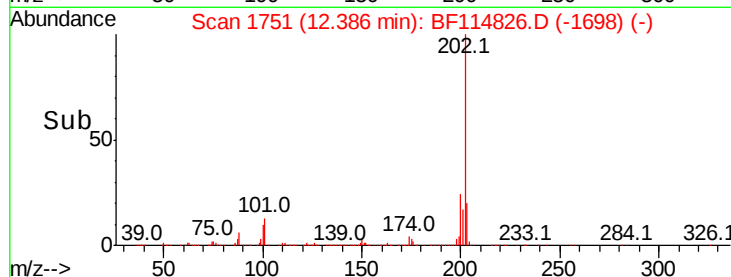
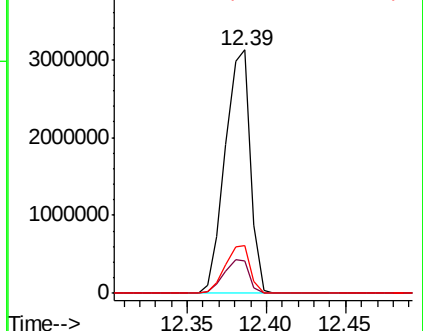
203 19.7 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

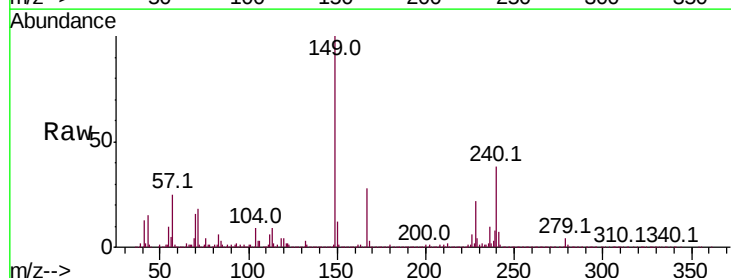
Tgt Ion:240 Resp: 747346

Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.4

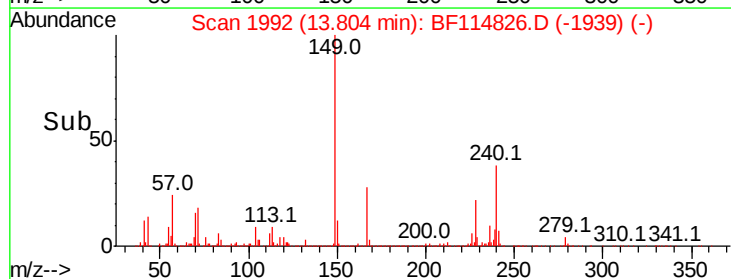
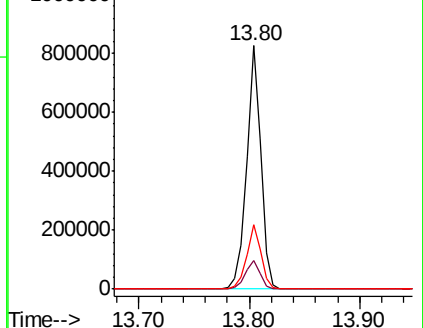
236 26.3 21.4 32.0

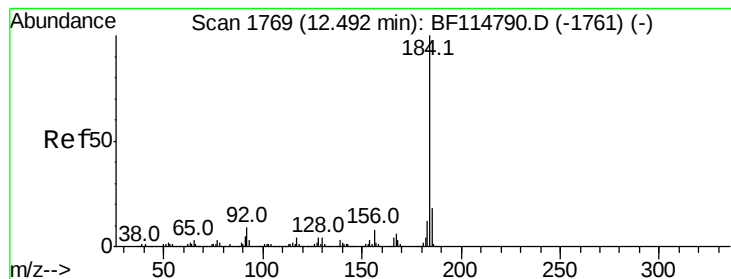


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.379 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

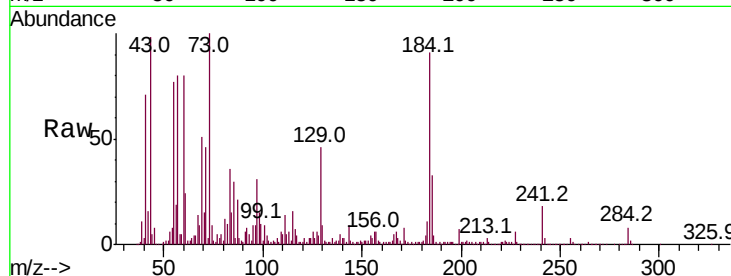
Tot Ion:184 Resp: 162004

Ion Ratio Lower Upper

184 100

185 36.8 14.1 21.1#

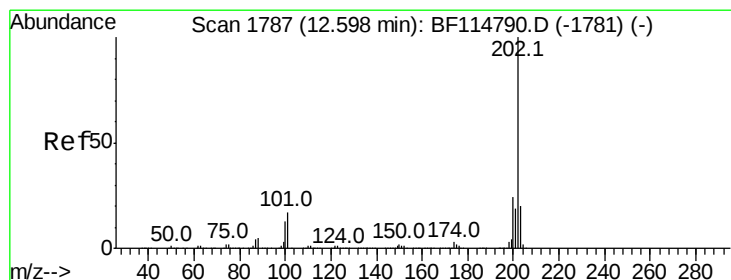
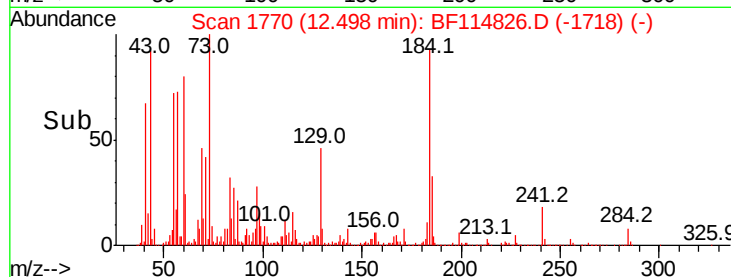
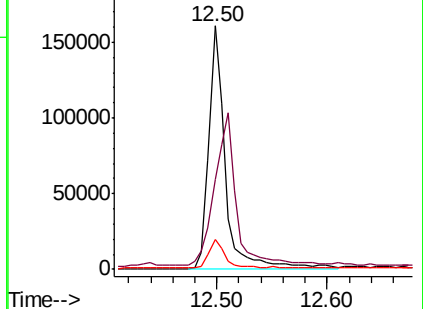
183 12.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.699 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

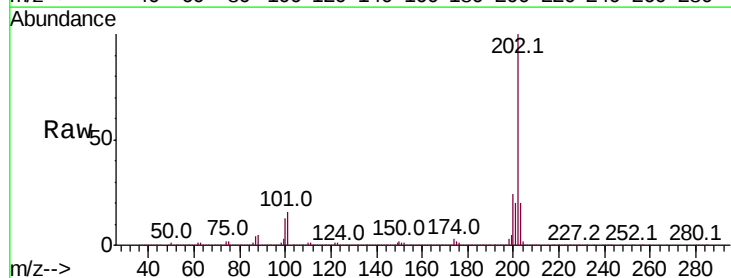
Tgt Ion:202 Resp: 3481450

Ion Ratio Lower Upper

202 100

200 24.4 19.2 28.8

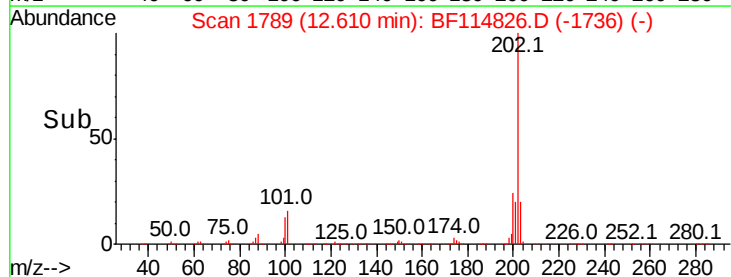
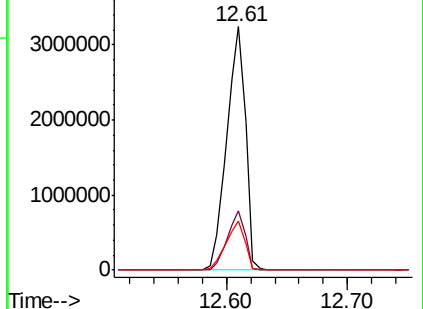
203 20.0 15.9 23.9

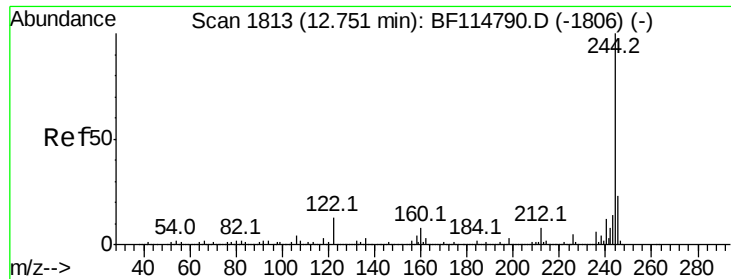


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.700 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

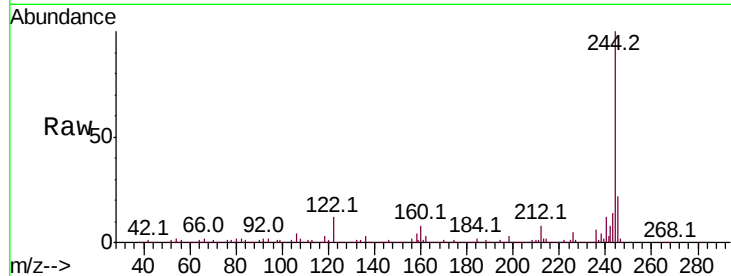
Tot Ion:244 Resp: 4100349

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

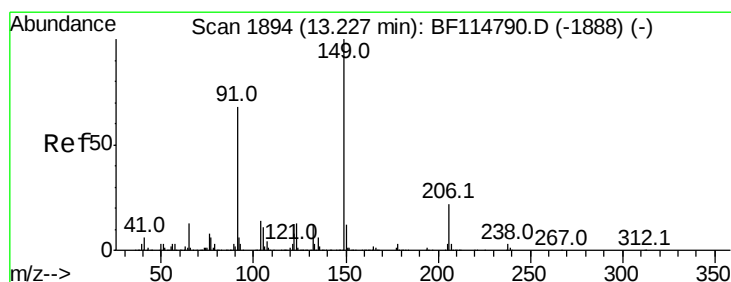
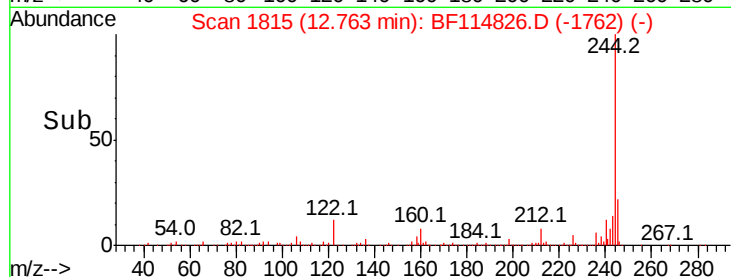
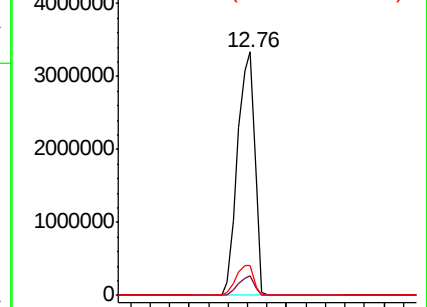
122 12.4 10.5 15.7



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: 53.824 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

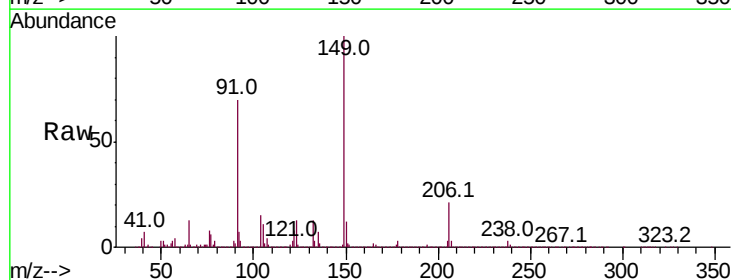
Tgt Ion:149 Resp: 1762144

Ion Ratio Lower Upper

149 100

91 69.9 54.6 82.0

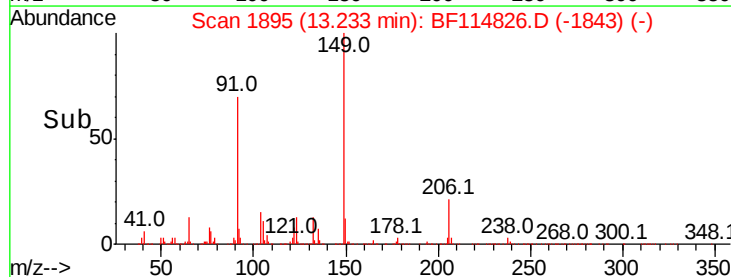
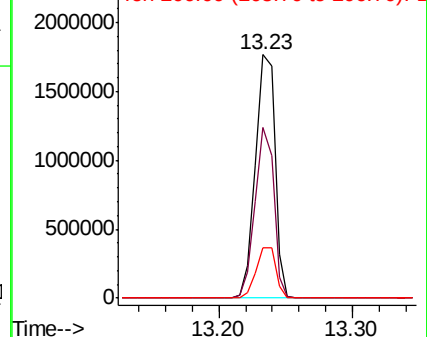
206 20.7 17.2 25.8

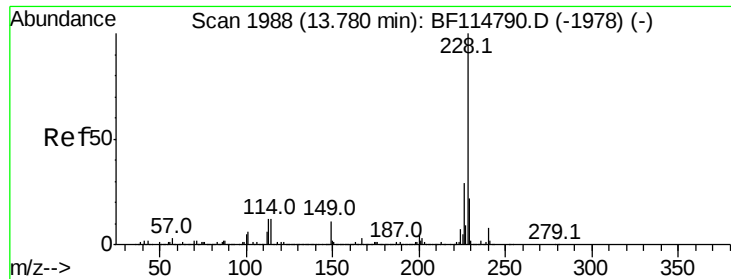


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

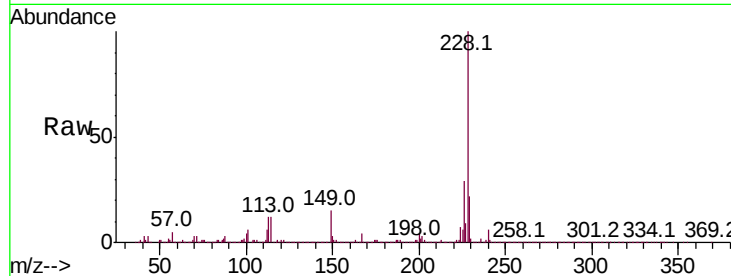




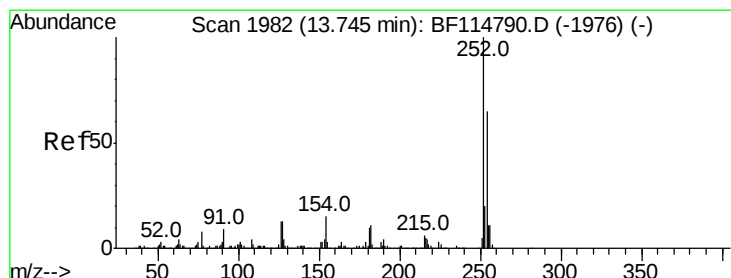
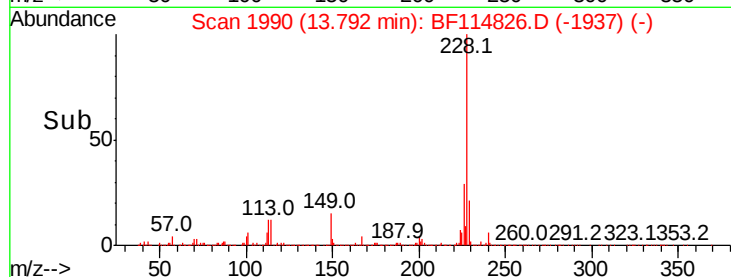
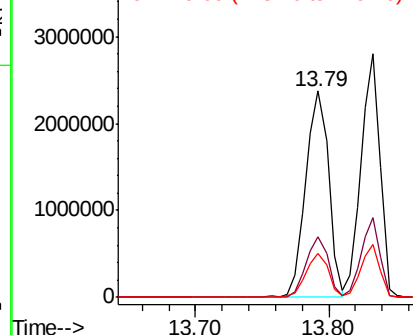
#81
Benzo(a)anthracene
Concen: 48.189 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 2775224
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.2
229 21.5 17.4 26.0

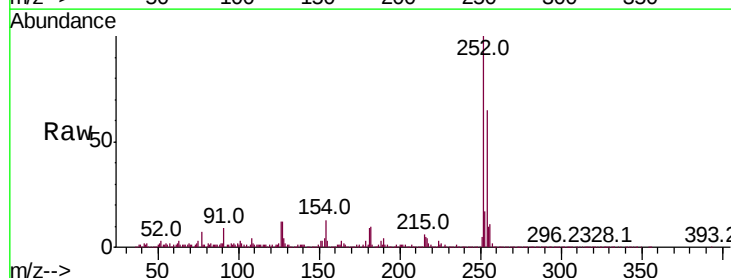


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

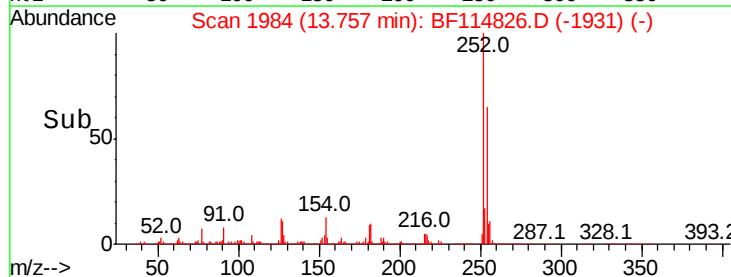
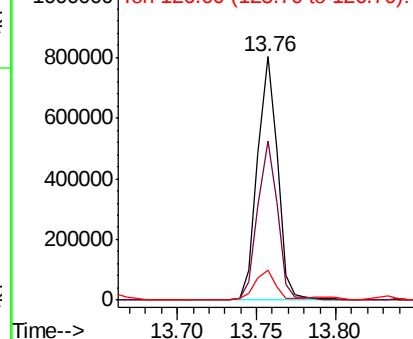


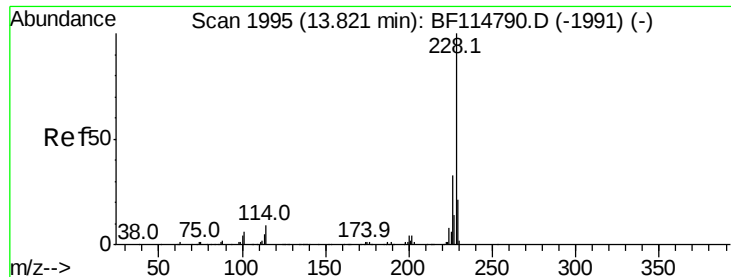
#82
3,3'-Dichlorobenzidine
Concen: 30.384 ng
RT: 13.76 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:252 Resp: 709531
Ion Ratio Lower Upper
252 100
254 65.2 51.9 77.9
126 12.3 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.507 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

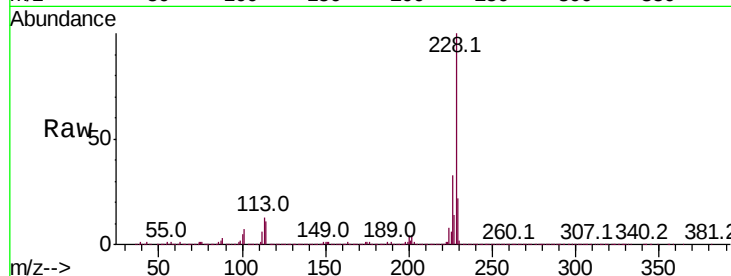
Tot Ion:228 Resp: 2773594

Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.0	39.0
229	21.8	17.1	25.7

228 100

226 32.9 26.0 39.0

229 21.8 17.1 25.7

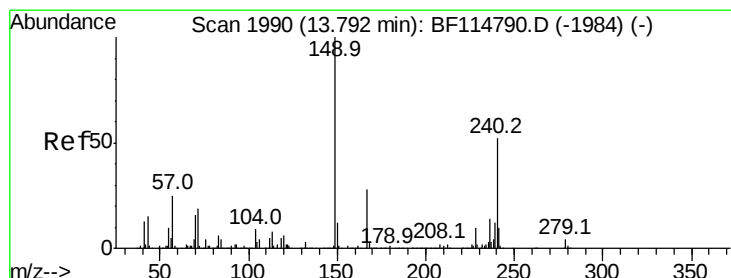
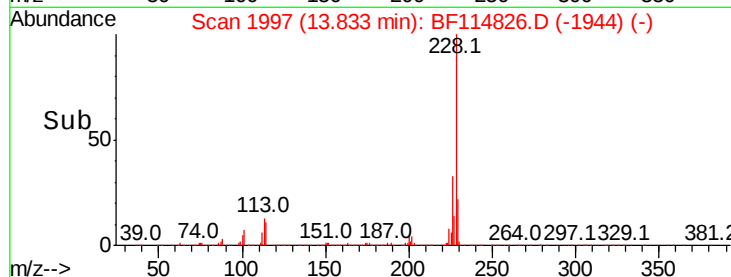
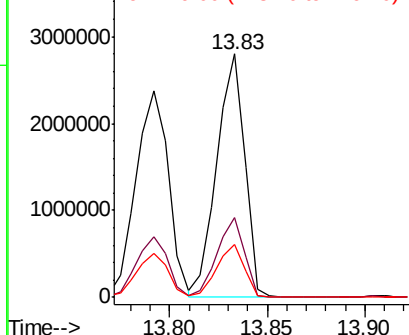


Abundance

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: 50.917 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

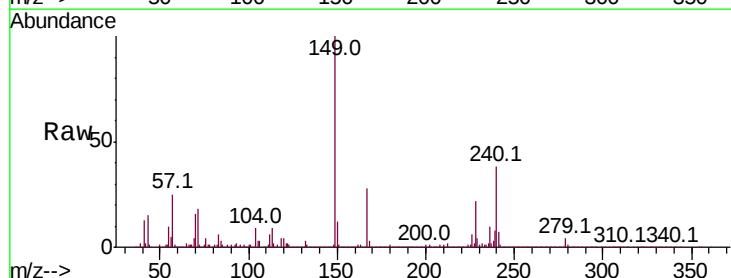
Tgt Ion:149 Resp: 2107897

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.7	34.1
279	4.0	3.1	4.7

149 100

167 28.1 22.7 34.1

279 4.0 3.1 4.7

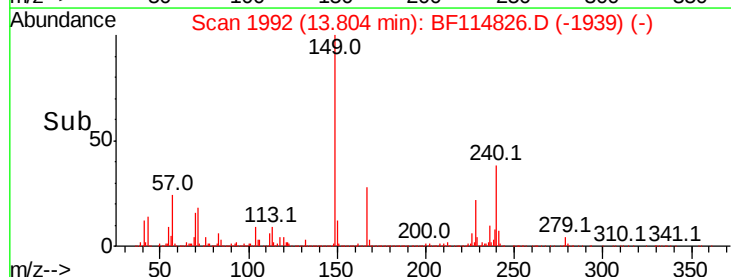
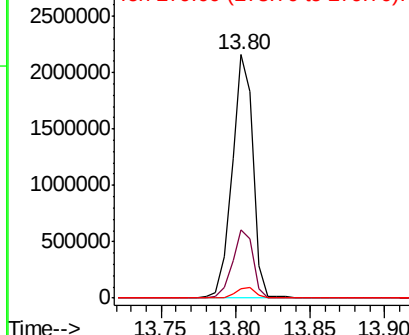


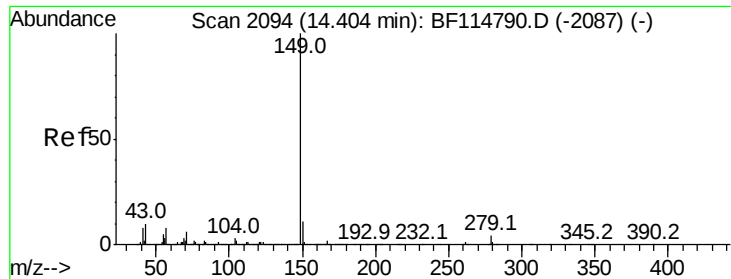
Abundance

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: 51.400 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.02 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

Instrument :

BNA_F

ClientSampleId :

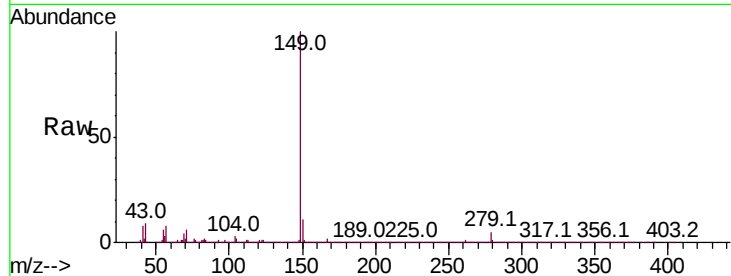
Tot Ion:149 Resp: 3615651

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

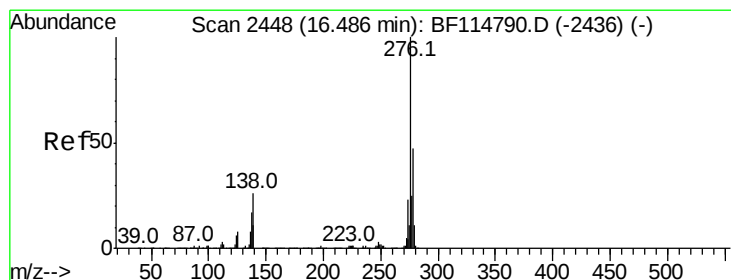
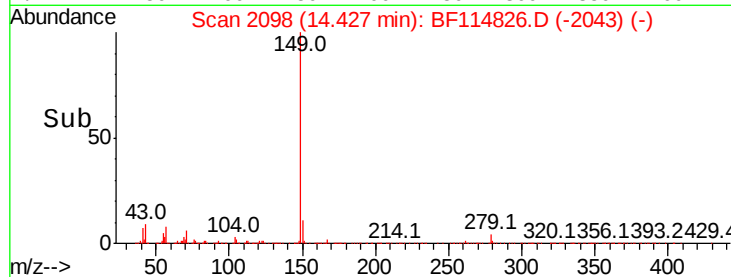
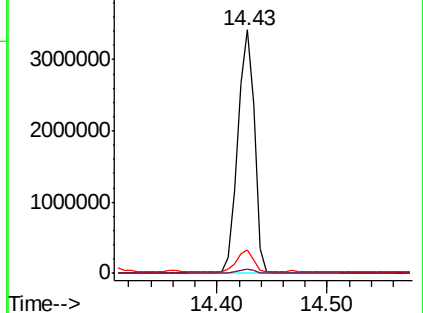
43 8.4 7.0 10.6



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: 48.027 ng

RT: 16.53 min Scan# 2456

Delta R.T. 0.05 min

Lab File: BF114826.D

Acq: 5 Jun 2019 19:01

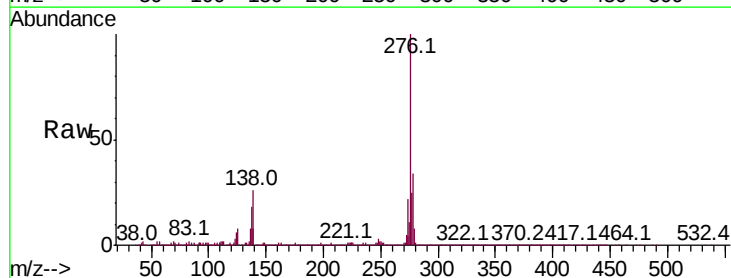
Tgt Ion:276 Resp: 3070021

Ion Ratio Lower Upper

276 100

138 28.4 22.2 33.4

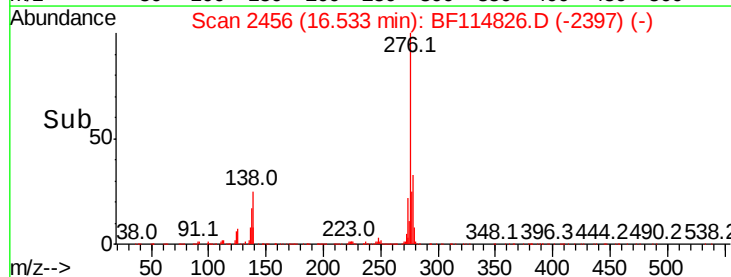
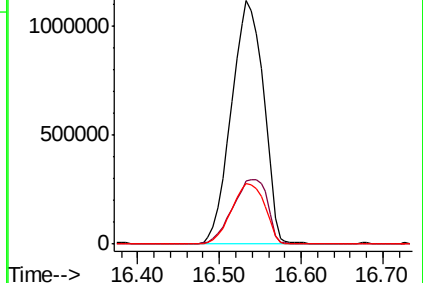
277 25.6 20.6 30.8

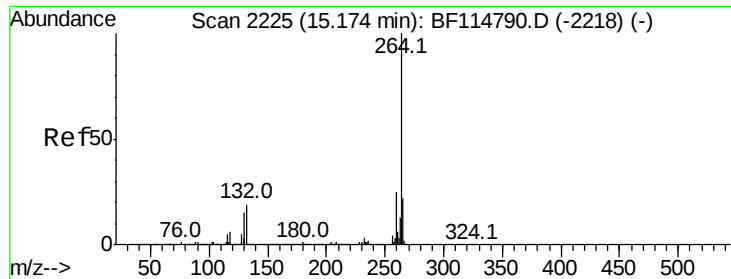


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



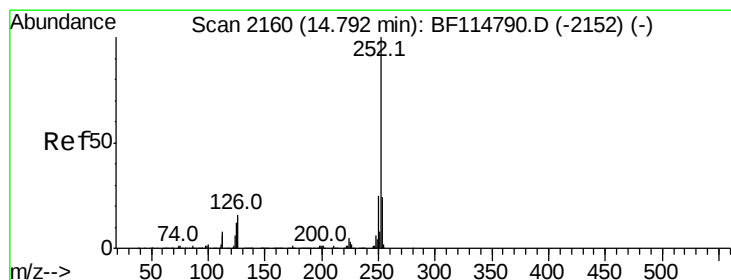
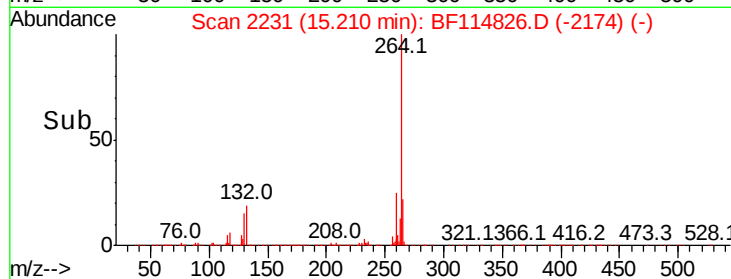
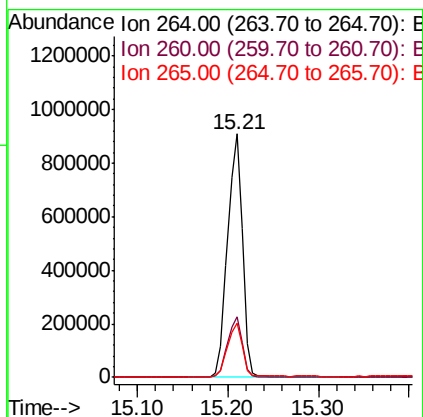
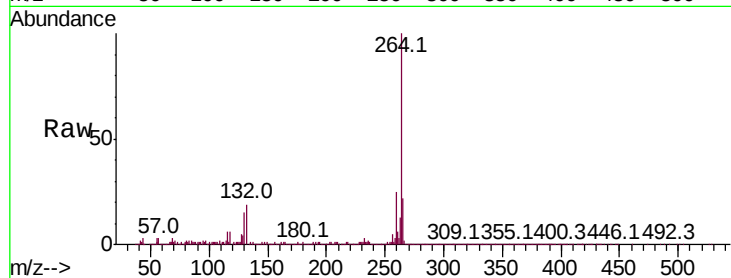


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.04 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1032370

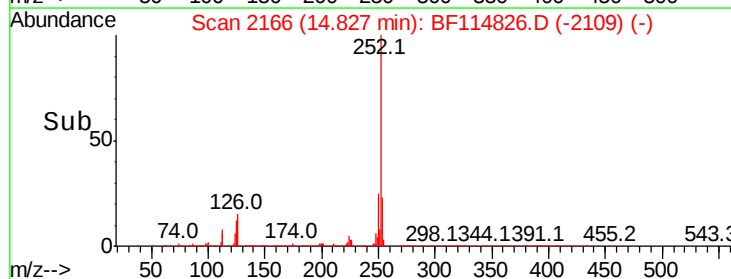
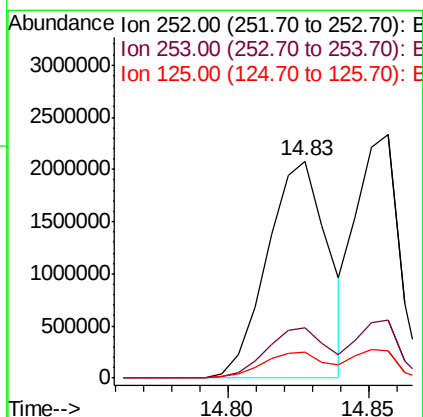
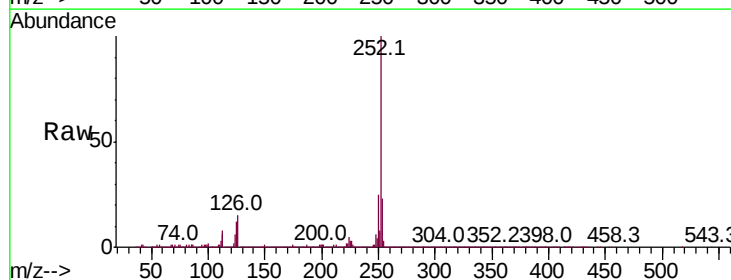
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.2	17.7	26.5

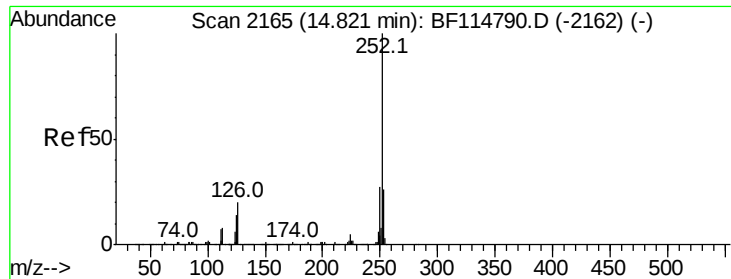


#88
Benzo(b)fluoranthene
Concen: 46.977 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.04 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:252 Resp: 3087452

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	12.1	9.4	14.0

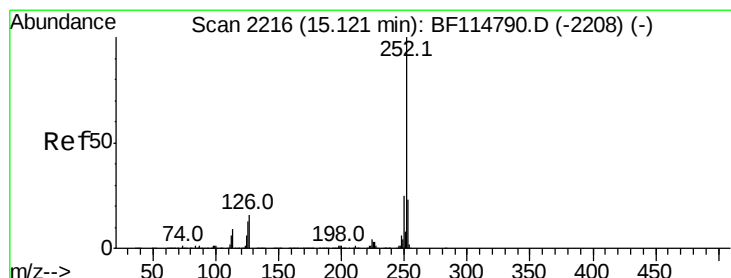
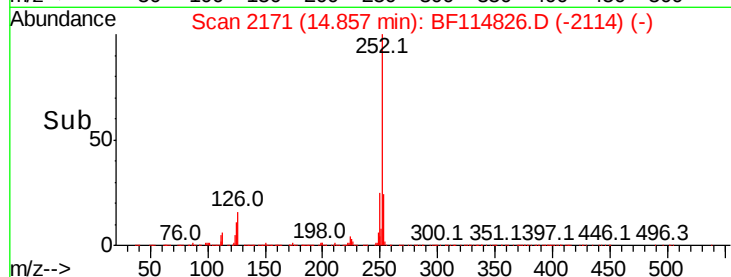
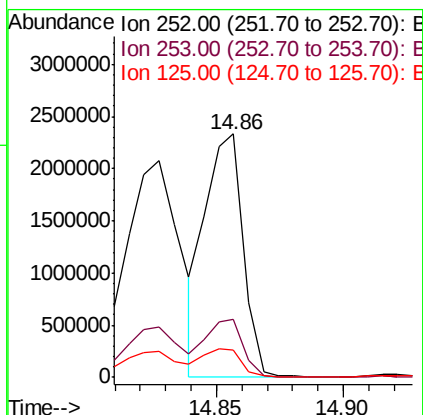
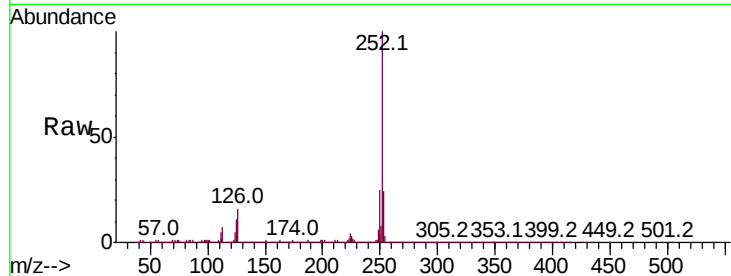




#89
Benzo(k)fluoranthene
Concen: 43.370 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.04 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

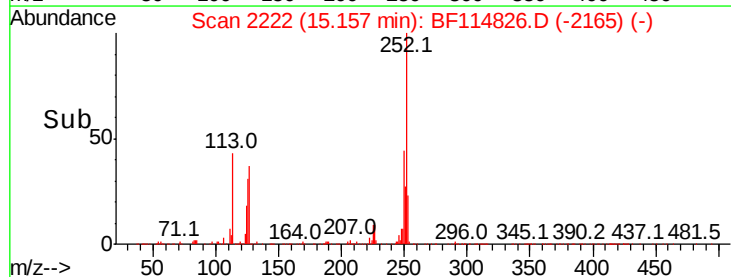
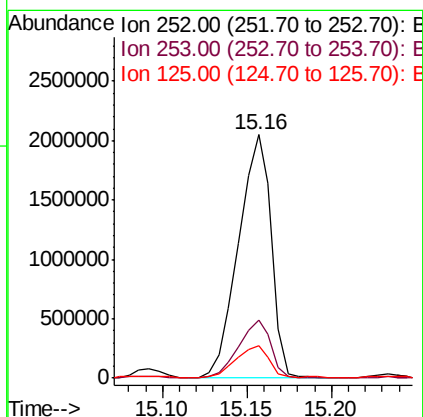
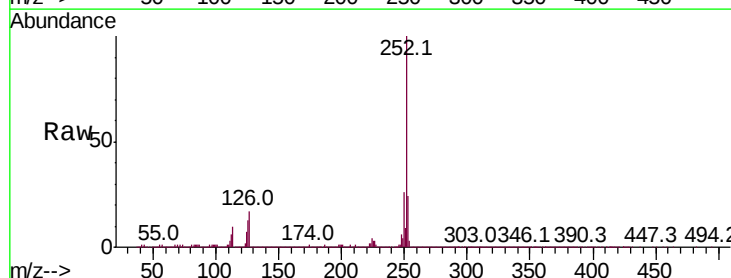
Instrument :
BNA_F
ClientSampleId :

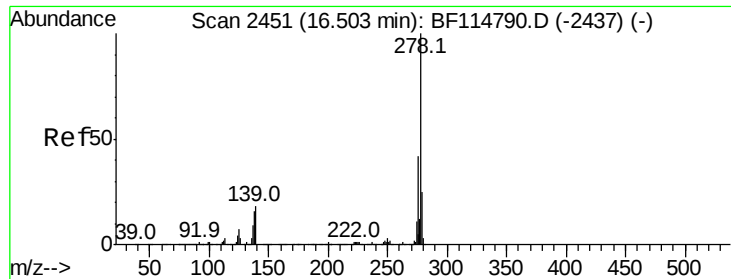
Tot Ion:252 Resp: 2420576
Ion Ratio Lower Upper
252 100
253 23.7 19.3 28.9
125 11.3 10.1 15.1



#90
Benzo(a)pyrene
Concen: 48.464 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:252 Resp: 2756890
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 13.3 10.1 15.1



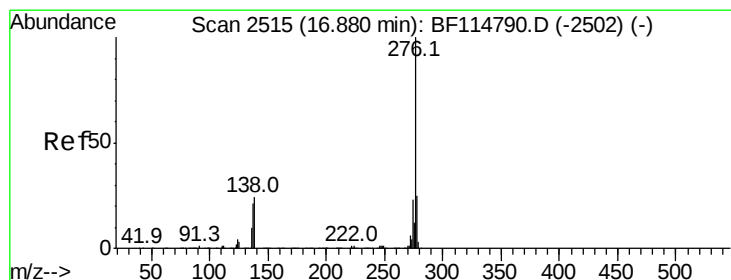
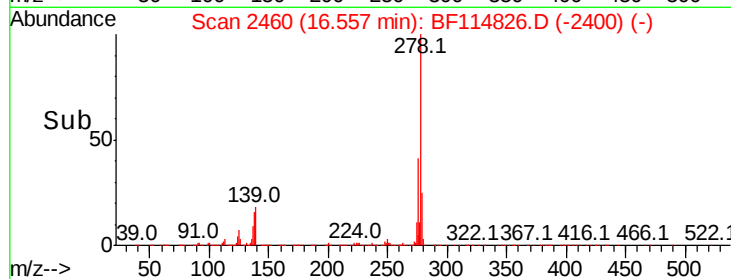
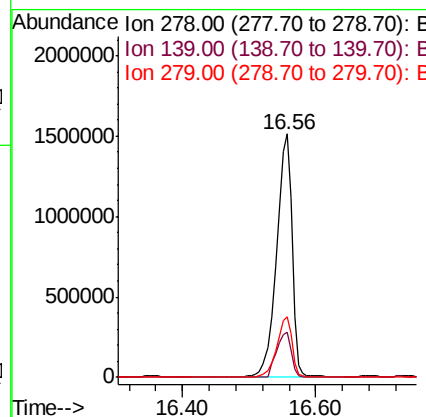
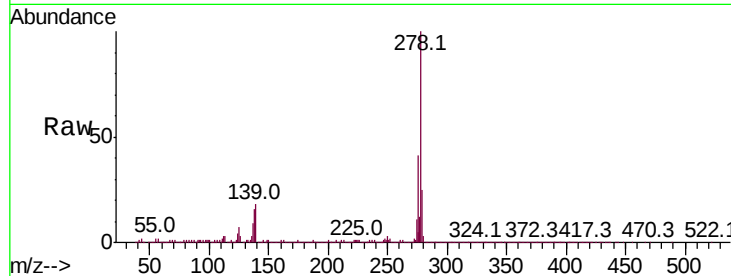


#91
Dibenzo(a,h)anthracene
Concen: 46.129 ng
RT: 16.56 min Scan# 2460
Delta R.T. 0.05 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2485016

Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.6	22.0
279	24.7	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 45.885 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.05 min
Lab File: BF114826.D
Acq: 5 Jun 2019 19:01

Tgt Ion:276 Resp: 2485773

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.6
138	25.5	19.4	29.2

