

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114827.D
 Acq On : 5 Jun 2019 19:27
 Operator : HP/JU
 Sample : K3186-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 05:01:02 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	340156	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1349975	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	706803	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1440338	20.00	ng	0.00
76) Chrysene-d12	13.80	240	874654	20.00	ng	0.00
87) Perylene-d12	15.20	264	1040226	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1550212	79.63	ng	0.00
7) Phenol-d6	6.31	99	1938301	81.83	ng	0.00
23) Nitrobenzene-d5	7.23	82	1189075	54.22	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	629939	82.70	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2331790	61.80	ng	0.00
79) Terphenyl-d14	12.76	244	2684275	59.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	199632	21.479	ng	99
3) Pyridine	2.99	79	435071	17.033	ng	98
4) n-Nitrosodimethylamine	2.90	42	228984	24.494	ng	98
6) Aniline	6.33	93	505254	15.032	ng	97
8) 2-Chlorophenol	6.45	128	611690	27.196	ng	100
9) Benzaldehyde	6.21	77	184319	11.218	ng	98
10) Phenol	6.32	94	722398	26.669	ng	88
11) bis(2-Chloroethyl)ether	6.40	93	552230	26.122	ng	97
12) 1,3-Dichlorobenzene	6.61	146	650358	24.814	ng	100
13) 1,4-Dichlorobenzene	6.69	146	655982	24.874	ng	98
14) 1,2-Dichlorobenzene	6.84	146	621488	26.094	ng	97
15) Benzyl Alcohol	6.81	79	491296	27.427	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	781862	25.860	ng	97
17) 2-Methylphenol	6.93	107	488062	25.386	ng	100
18) Hexachloroethane	7.19	117	232697	23.443	ng	93
19) n-Nitroso-di-n-propylamine	7.09	70	386789	24.668	ng	99
20) 3+4-Methylphenols	7.08	107	614143	28.961	ng	# 86
22) Acetophenone	7.07	105	801094	26.953	ng	96
24) Nitrobenzene	7.25	77	600141	26.416	ng	98
25) Isophorone	7.49	82	1136112	26.205	ng	98
26) 2-Nitrophenol	7.57	139	335725	27.284	ng	98
27) 2,4-Dimethylphenol	7.61	122	552087	29.520	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	711122	25.660	ng	100
29) 2,4-Dichlorophenol	7.81	162	540550	27.472	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	577764	25.591	ng	98
31) Naphthalene	7.97	128	1747471	28.753	ng	98
32) Benzoic acid	7.71	122	281073	20.635	ng	99
33) 4-Chloroaniline	8.02	127	354359	12.222	ng	99
34) Hexachlorobutadiene	8.10	225	312712	24.363	ng	99
35) Caprolactam	8.40	113	64448	10.027	ng	91
36) 4-Chloro-3-methylphenol	8.50	107	554157	28.303	ng	99
37) 2-Methylnaphthalene	8.66	142	1200335	28.474	ng	99
38) 1-Methylnaphthalene	8.76	142	1154357	28.875	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	532514	26.143	ng	100

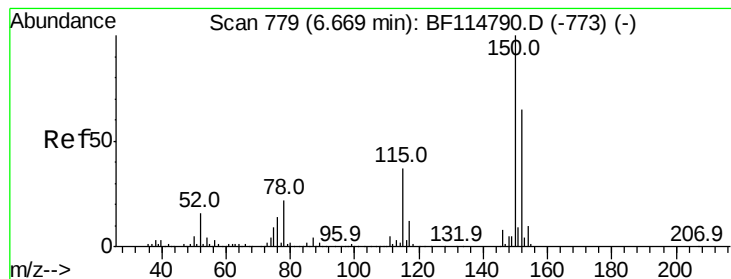
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114827.D
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 Operator : HP/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	406893	32.937	ng	99
43) 2,4,6-Trichlorophenol	8.94	196	405290	25.589	ng	99
44) 2,4,5-Trichlorophenol	8.98	196	432237	27.098	ng	96
46) 1,1'-Biphenyl	9.13	154	1461738	27.904	ng	97
47) 2-Chloronaphthalene	9.15	162	1166798	26.213	ng	97
48) 2-Nitroaniline	9.24	65	335084	25.226	ng	97
49) Acenaphthylene	9.56	152	1819846	28.193	ng	97
50) Dimethylphthalate	9.43	163	1771929	34.325	ng	100
51) 2,6-Dinitrotoluene	9.49	165	320118	26.368	ng	93
52) Acenaphthene	9.73	154	1197103	28.310	ng	99
53) 3-Nitroaniline	9.65	138	264997	18.685	ng	97
54) 2,4-Dinitrophenol	9.75	184	223864	40.750	ng	97
55) Dibenzofuran	9.90	168	1638580	27.867	ng	96
56) 4-Nitrophenol	9.82	139	572343	55.074	ng	90
57) 2,4-Dinitrotoluene	9.89	165	442076	28.966	ng	99
58) Fluorene	10.25	166	1182536	27.876	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	373347	28.569	ng	99
60) Diethylphthalate	10.13	149	1467342	28.327	ng	98
61) 4-Chlorophenyl-phenylether	10.24	204	595721	26.452	ng	97
62) 4-Nitroaniline	10.26	138	326288	23.720	ng	96
63) Azobenzene	10.40	77	1277430	28.971	ng	96
65) 4,6-Dinitro-2-methylphenol	10.29	198	158211	21.146	ng	99
66) n-Nitrosodiphenylamine	10.36	169	1170235	26.869	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	408682	24.983	ng	93
68) Hexachlorobenzene	10.79	284	439512	24.549	ng	95
69) Atrazine	10.89	200	396428	26.172	ng	99
70) Pentachlorophenol	10.99	266	492184	47.555	ng	99
71) Phenanthrene	11.20	178	1950957	28.373	ng	99
72) Anthracene	11.25	178	2012843	27.816	ng	97
73) Carbazole	11.40	167	1790845	28.869	ng	97
74) Di-n-butylphthalate	11.74	149	2366549	29.005	ng	98
75) Fluoranthene	12.38	202	2094176	29.262	ng	97
77) Benzidine	12.50	184	175428	4.051	ng	# 85
78) Pyrene	12.60	202	2096372	27.629	ng	98
80) Butylbenzylphthalate	13.23	149	1066183	27.826	ng	96
81) Benzo(a)anthracene	13.79	228	1682741	24.966	ng	97
82) 3,3'-Dichlorobenzidine	13.75	252	523933	19.170	ng	99
83) Chrysene	13.83	228	1670219	25.473	ng	97
84) Bis(2-ethylhexyl)phthalate	13.80	149	1380030	28.483	ng	99
85) Di-n-octyl phthalate	14.42	149	2397149	29.118	ng	99
86) Indeno(1,2,3-cd)pyrene	16.52	276	1681580	22.477	ng	99
88) Benzo(b)fluoranthene	14.81	252	1802807	27.224	ng	99
89) Benzo(k)fluoranthene	14.84	252	1434142	25.502	ng	98
90) Benzo(a)pyrene	15.14	252	1587031	27.688	ng	99
91) Dibenzo(a,h)anthracene	16.53	278	1411863	26.010	ng	99
92) Benzo(g,h,i)perylene	16.91	276	1330246	24.370	ng	98

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

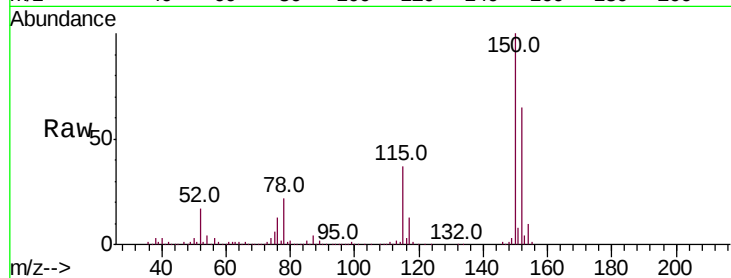


#1

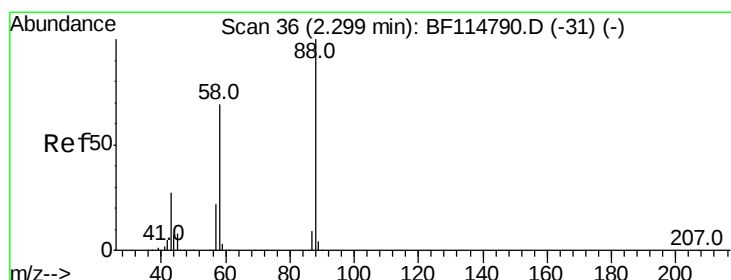
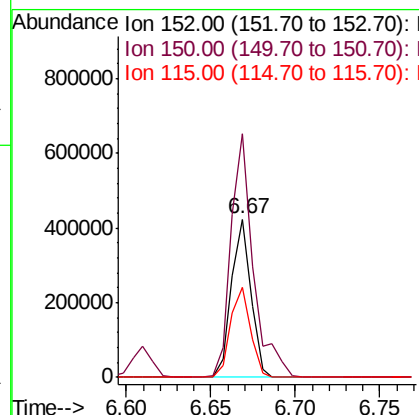
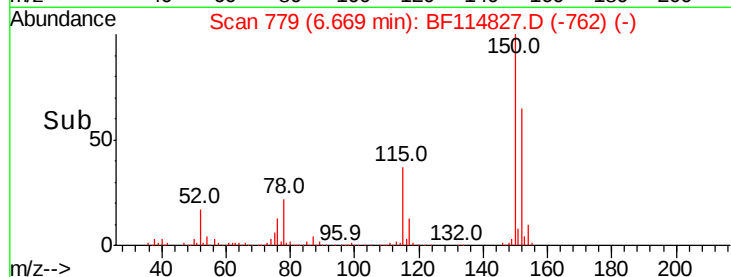
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.0	186.0
115	56.8	46.3	69.5



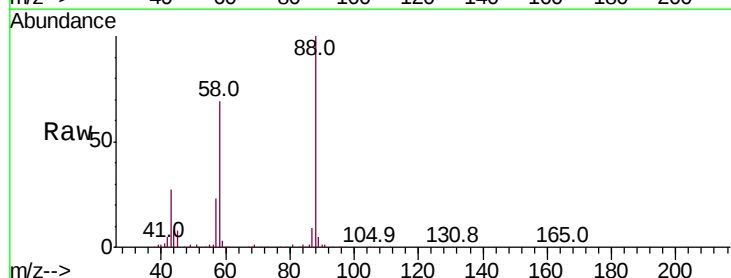
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



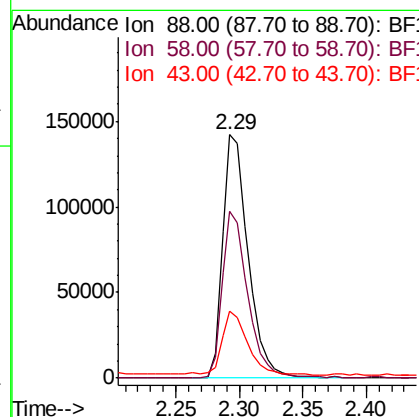
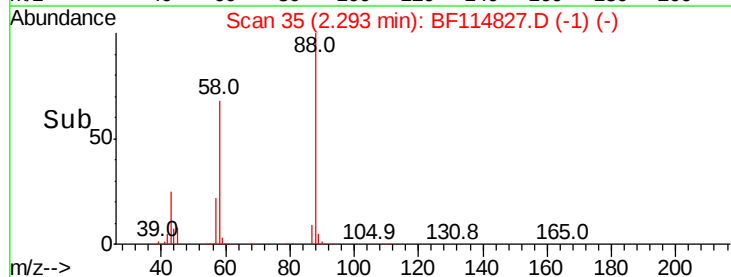
#2

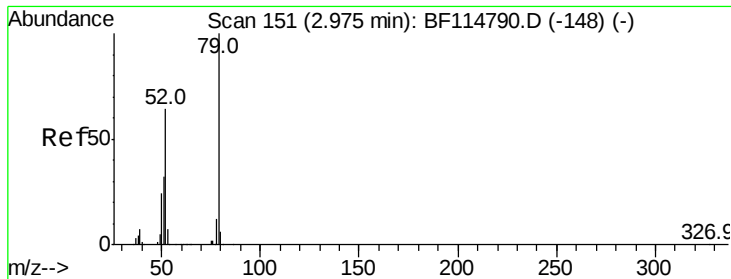
1,4-Dioxane
Concen: 21.479 ng
RT: 2.29 min Scan# 35
Delta R.T. -0.01 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	53.8	80.8
43	27.0	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: 17.033 ng

RT: 2.99 min Scan# 154

Delta R.T. 0.02 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

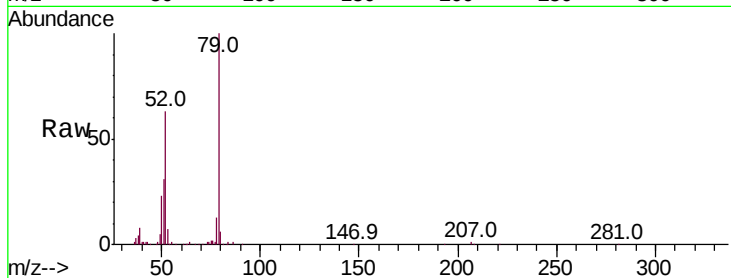
Tot Ion: 79 Resp: 435071

Ion Ratio Lower Upper

79 100

52 62.6 51.0 76.4

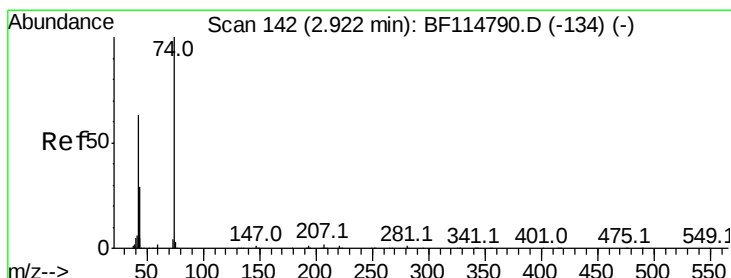
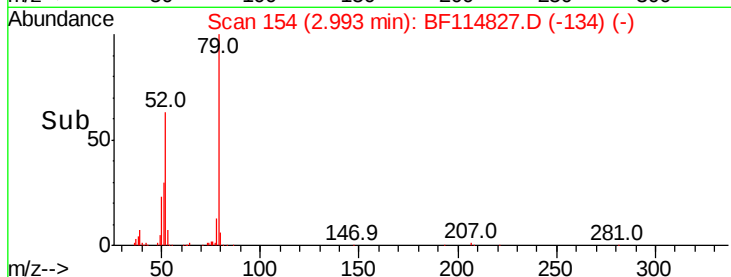
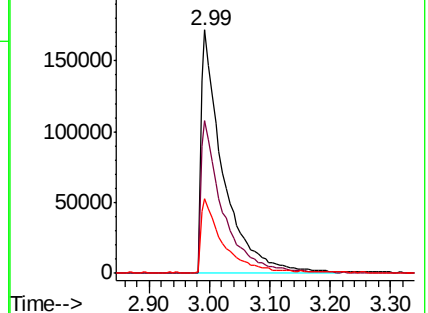
51 30.6 25.7 38.5



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: 24.494 ng

RT: 2.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

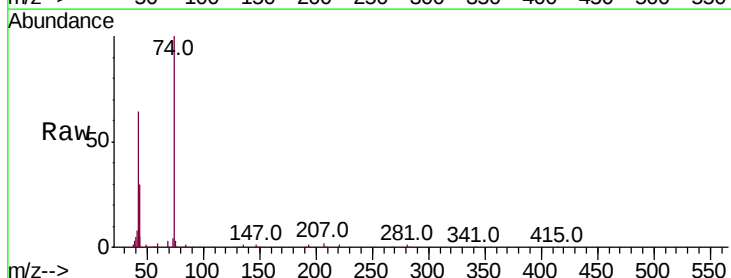
Tgt Ion: 42 Resp: 228984

Ion Ratio Lower Upper

42 100

74 155.7 126.2 189.2

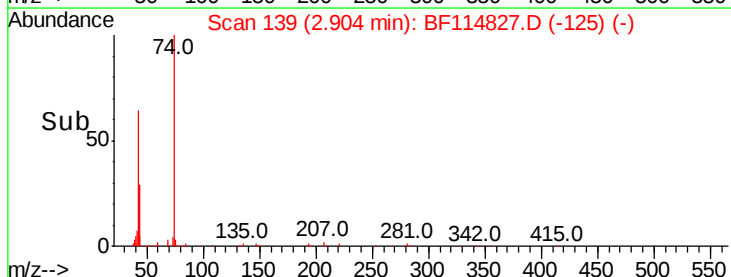
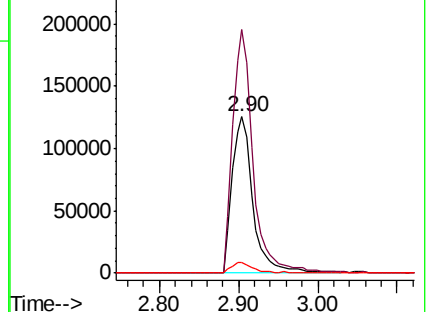
44 7.2 5.9 8.9

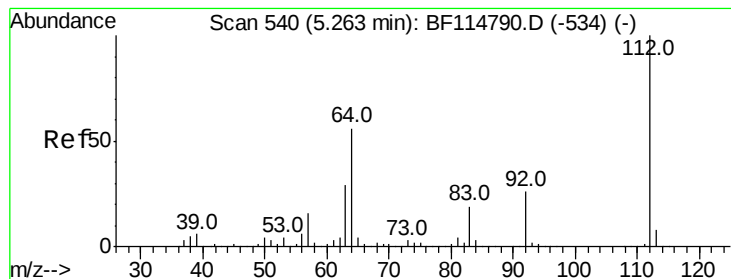


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.633 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

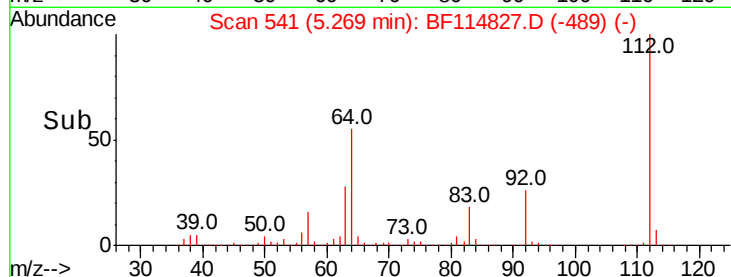
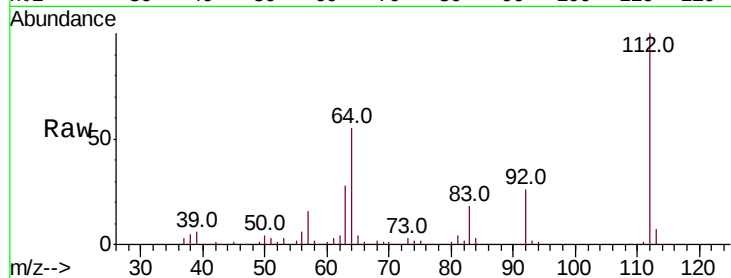
Tot Ion:112 Resp: 1550212

Ion Ratio Lower Upper

112 100

64 54.7 44.6 66.8

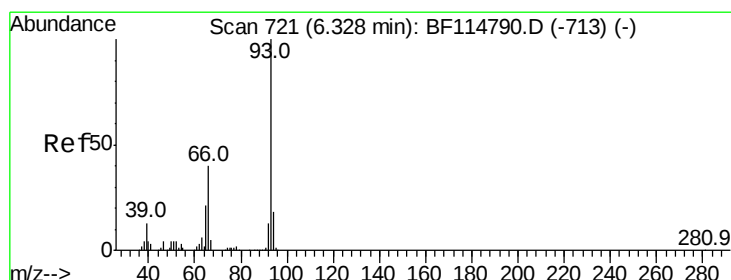
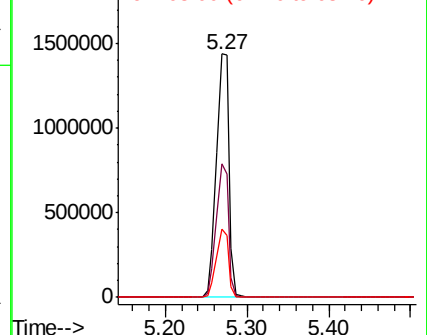
63 28.2 23.0 34.4



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: 15.032 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

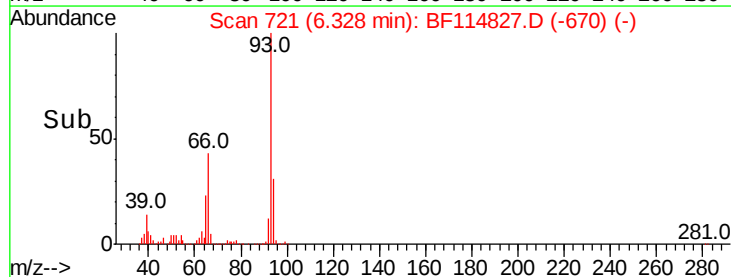
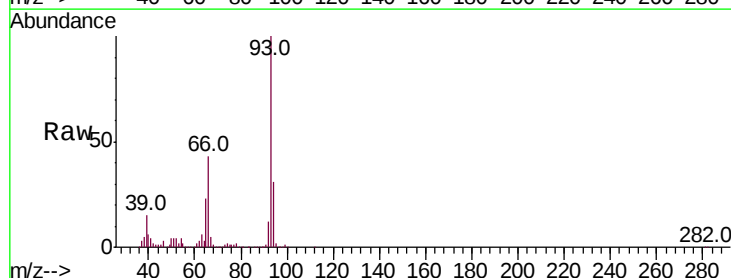
Tgt Ion: 93 Resp: 505254

Ion Ratio Lower Upper

93 100

66 42.8 32.8 49.2

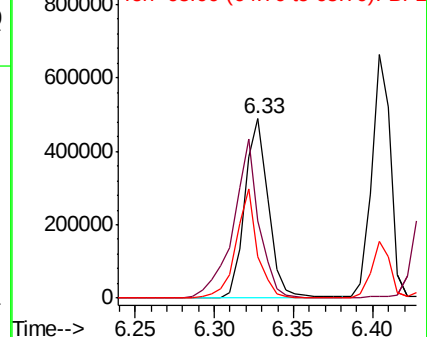
65 22.9 16.9 25.3

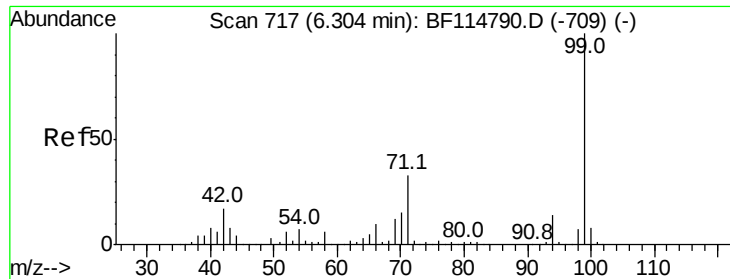


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.828 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

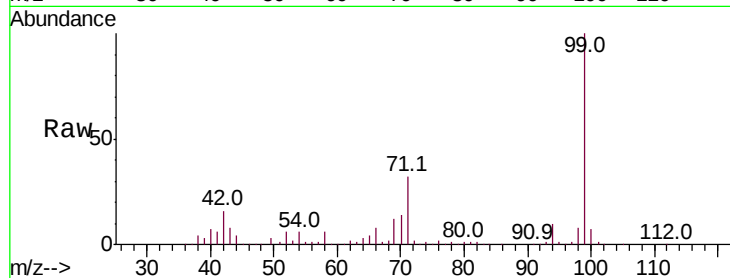
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1938301

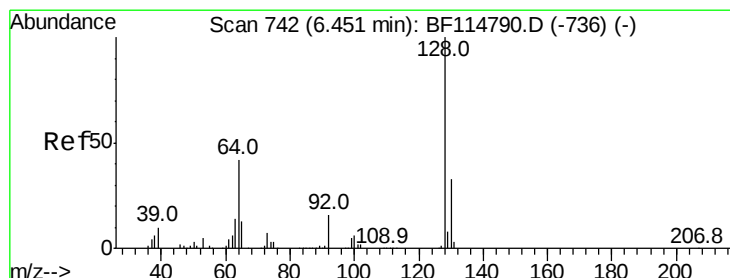
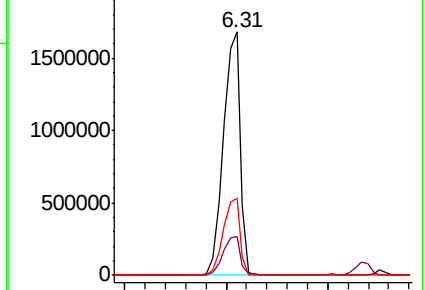
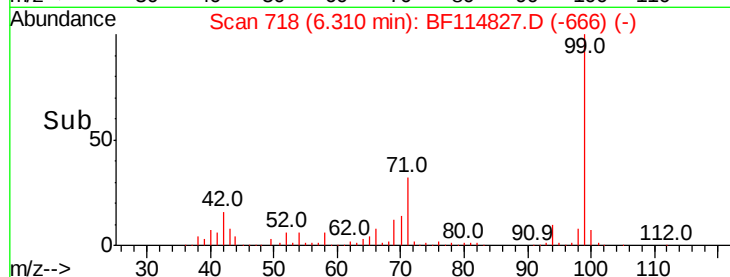
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.3	19.9
71	31.6	26.3	39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 27.196 ng

RT: 6.45 min Scan# 742

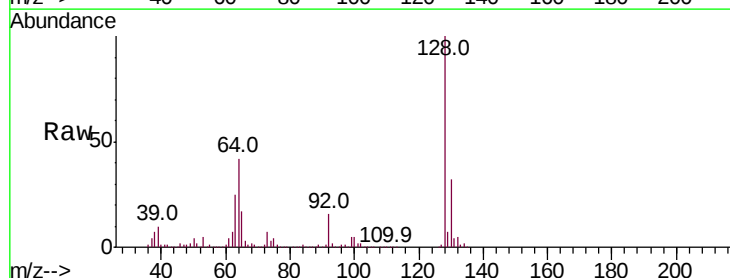
Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Tgt Ion:128 Resp: 611690

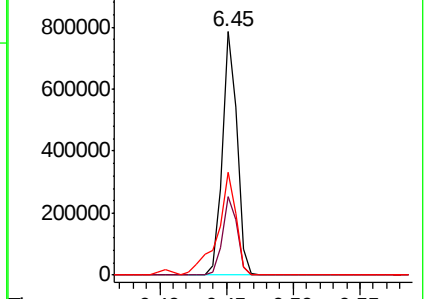
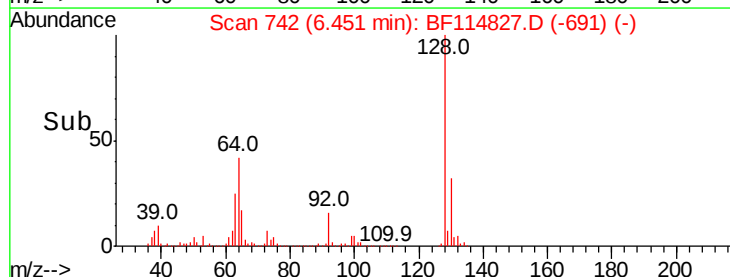
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	42.5	22.5	62.5

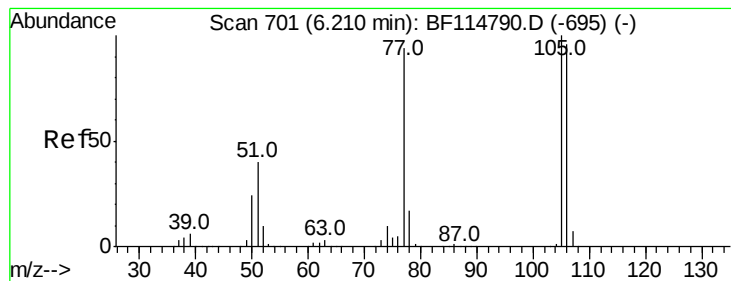


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.218 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampled :

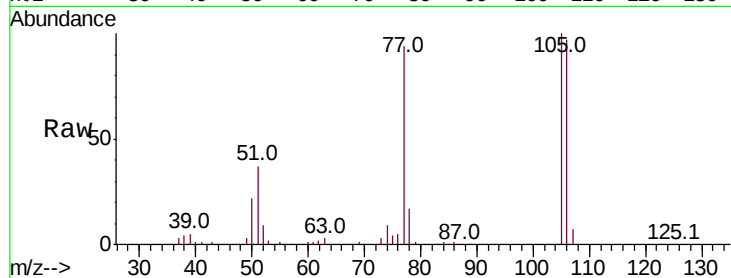
Tot Ion: 77 Resp: 184319

Ion Ratio Lower Upper

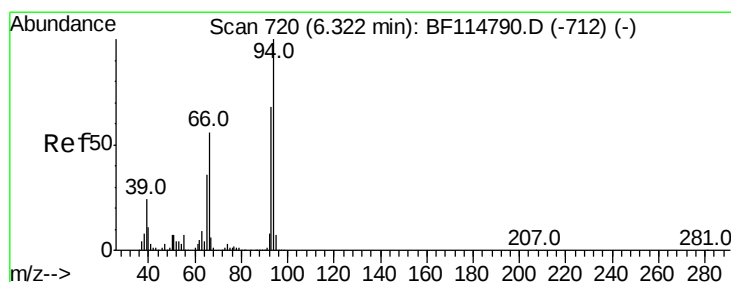
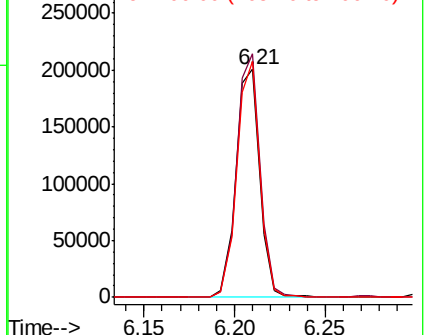
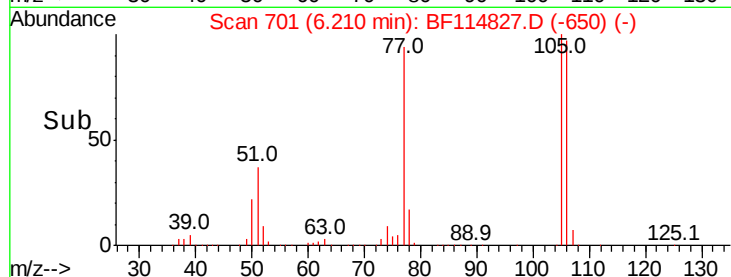
77 100

105 106.9 85.8 125.8

106 103.9 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: 26.669 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

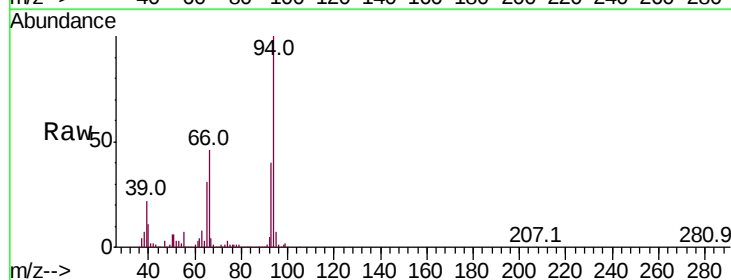
Tgt Ion: 94 Resp: 722398

Ion Ratio Lower Upper

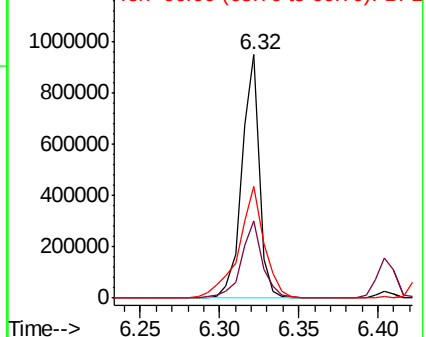
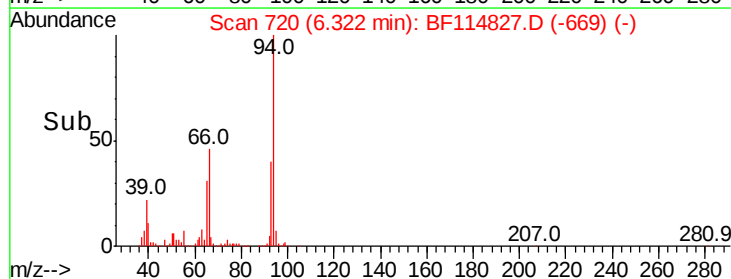
94 100

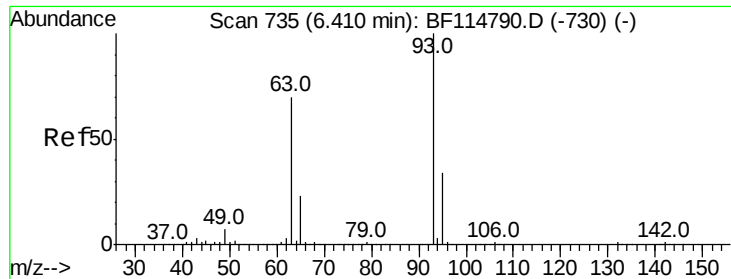
65 31.5 16.1 56.1

66 45.9 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

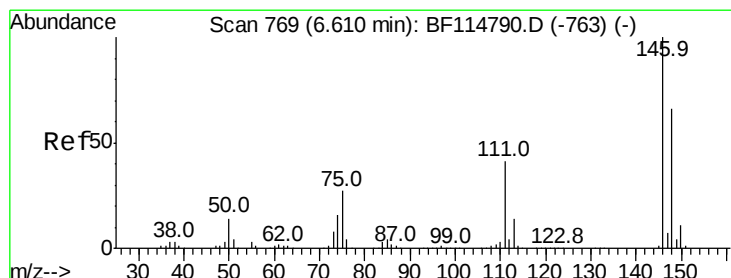
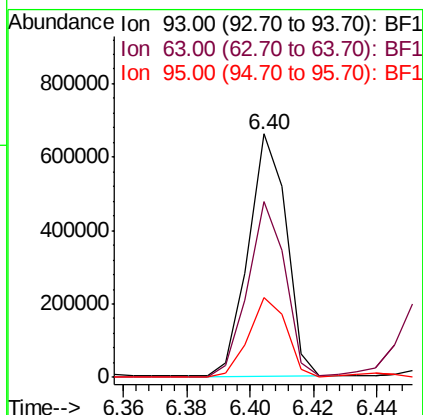
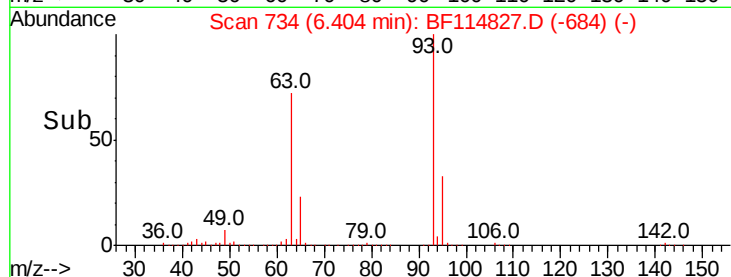
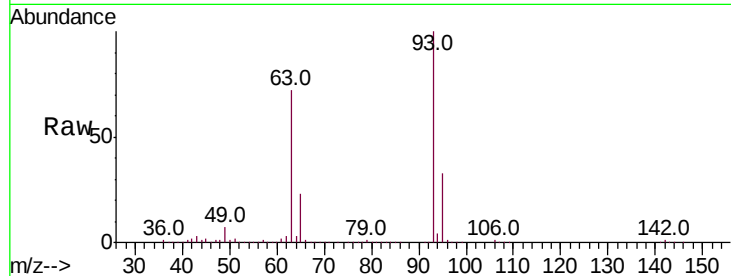




#11
bis(2-Chloroethyl)ether
Concen: 26.122 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

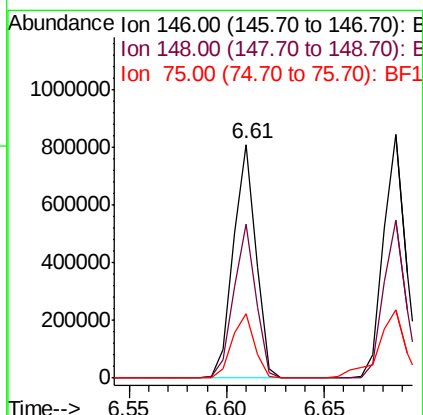
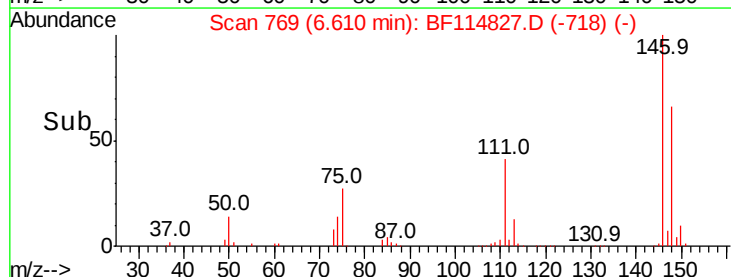
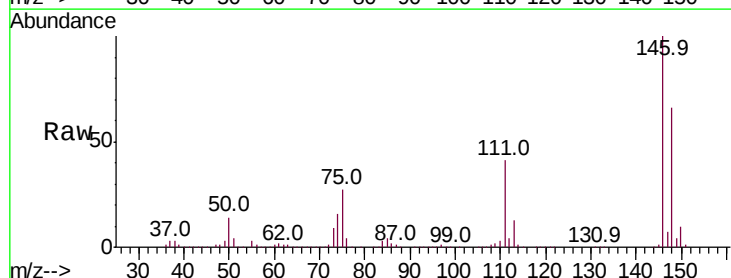
Instrument :
BNA_F
ClientSampleId :

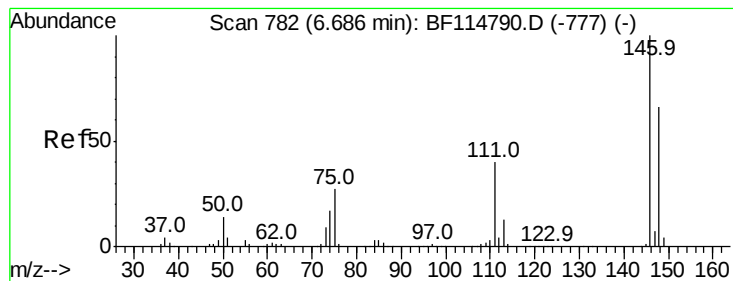
Tot Ion: 93 Resp: 552230
Ion Ratio Lower Upper
93 100
63 72.3 49.6 89.6
95 32.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 24.814 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion: 146 Resp: 650358
Ion Ratio Lower Upper
146 100
148 65.8 52.7 79.1
75 27.5 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 24.874 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

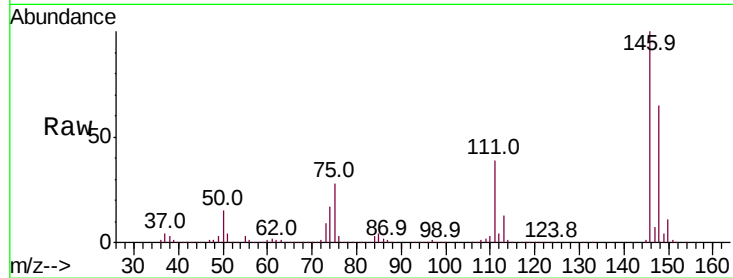
Tot Ion:146 Resp: 655982

Ion Ratio Lower Upper

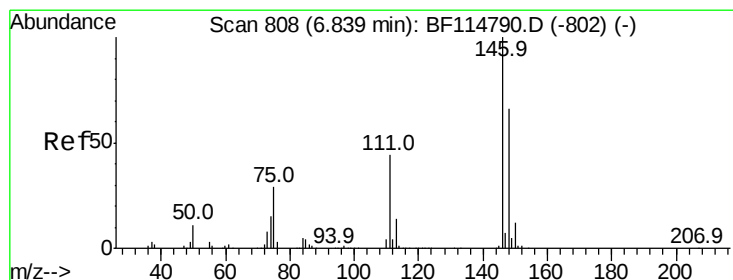
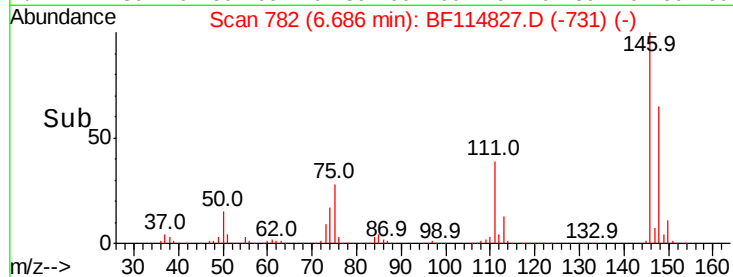
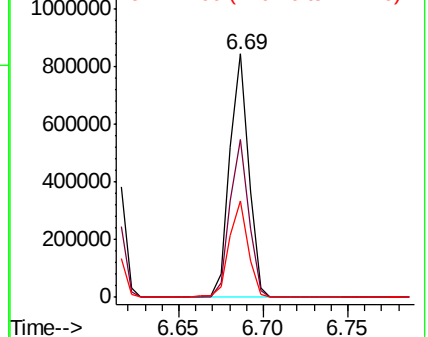
146 100

148 64.8 53.0 79.4

111 39.4 32.2 48.4



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



#14

1,2-Dichlorobenzene

Concen: 26.094 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

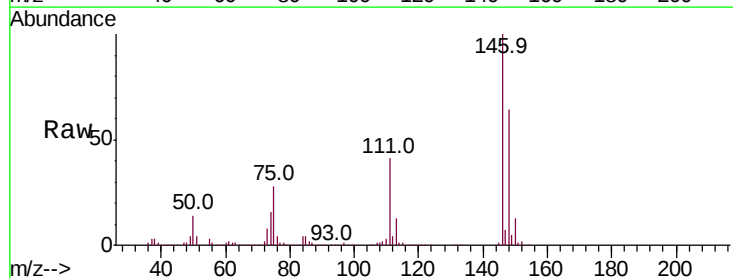
Tgt Ion:146 Resp: 621488

Ion Ratio Lower Upper

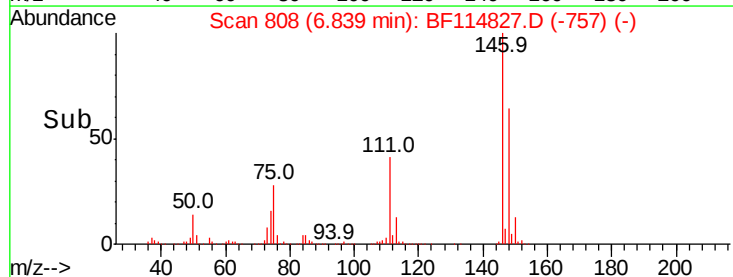
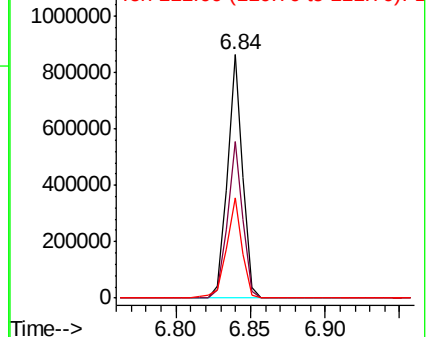
146 100

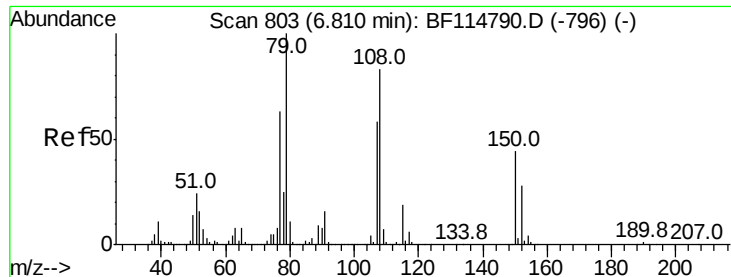
148 64.1 52.5 78.7

111 41.2 34.8 52.2



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





#15

Benzyl Alcohol

Concen: 27.427 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

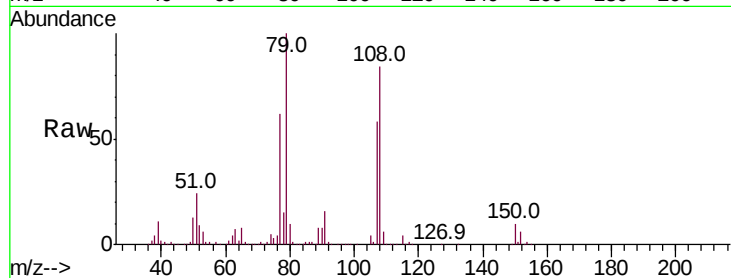
Tot Ion: 79 Resp: 491296

Ion Ratio Lower Upper

79 100

108 83.6 66.8 100.2

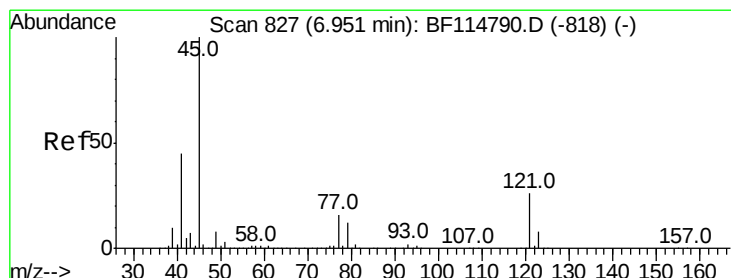
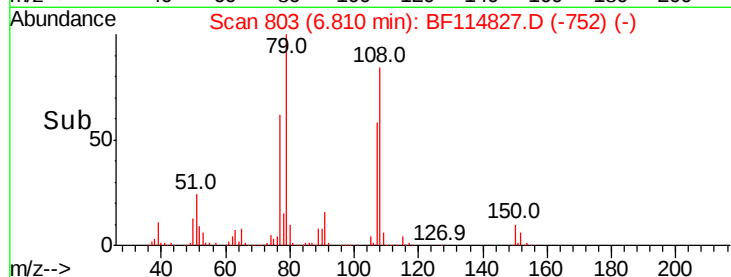
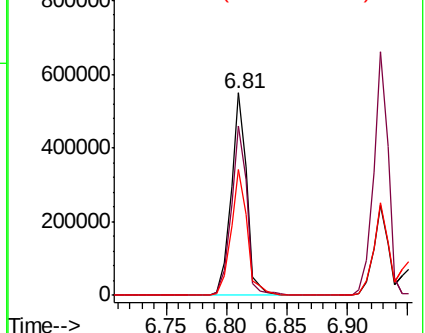
77 62.4 50.6 76.0



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: 25.860 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

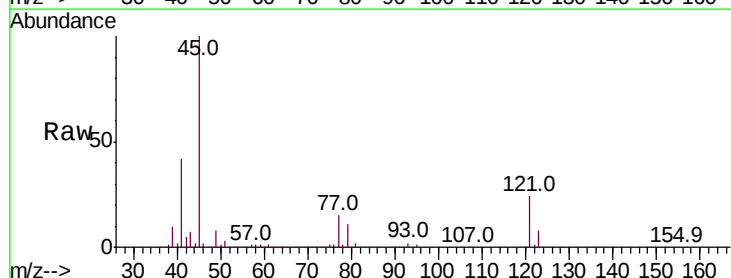
Tgt Ion: 45 Resp: 781862

Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.8

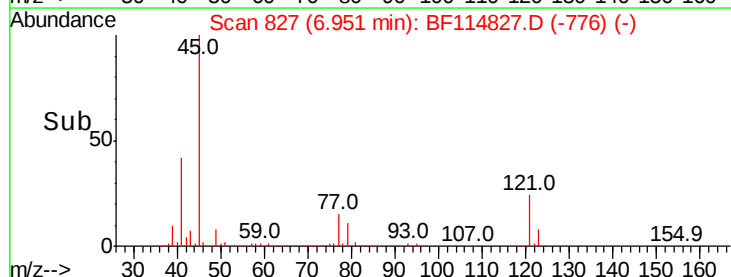
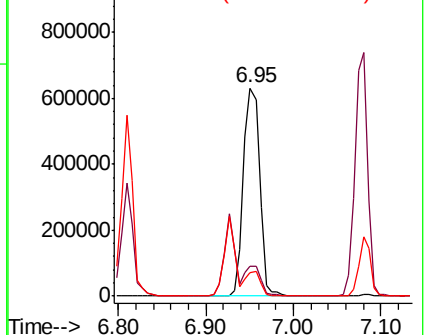
79 11.1 0.0 32.0

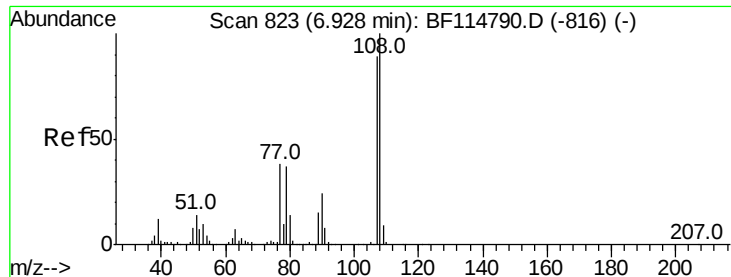


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 25.386 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 488062

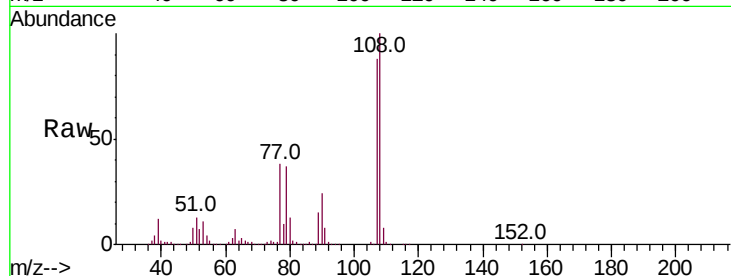
Ion Ratio Lower Upper

107 100

108 113.0 90.2 135.2

77 42.9 34.5 51.7

79 41.5 33.8 50.6

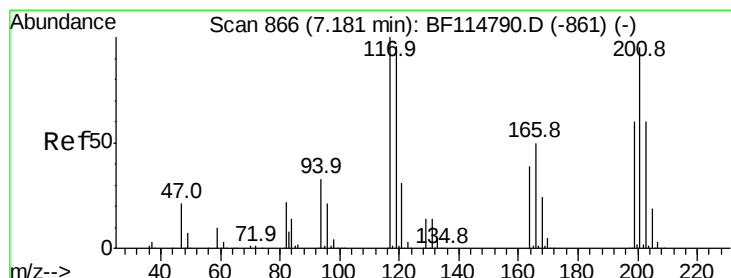
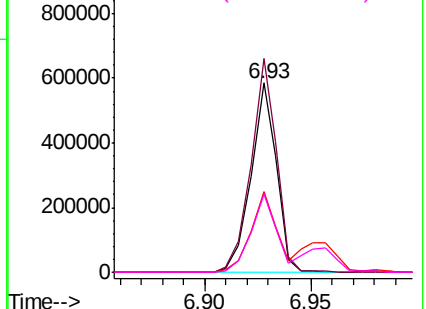
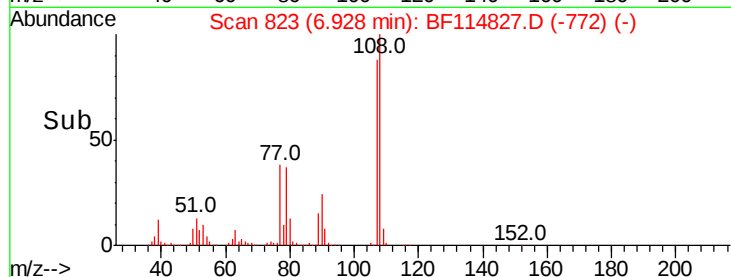


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 23.443 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

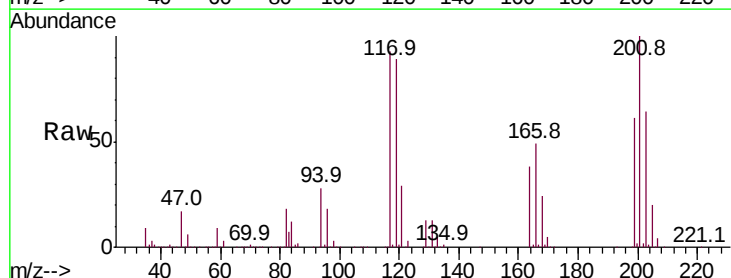
Tgt Ion:117 Resp: 232697

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.4

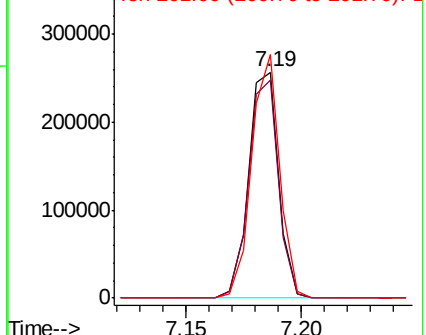
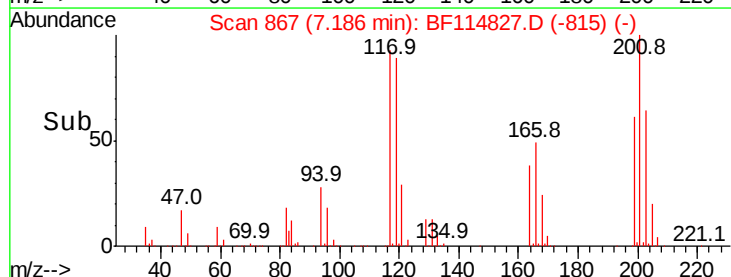
201 107.7 76.0 114.0

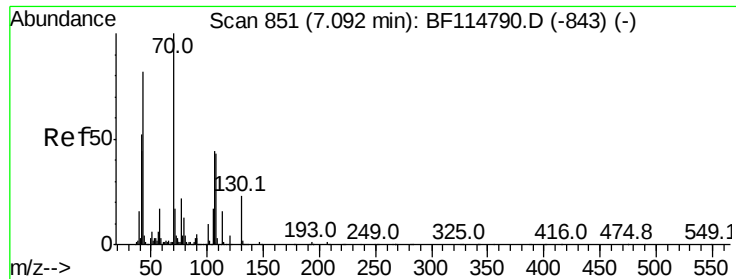


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

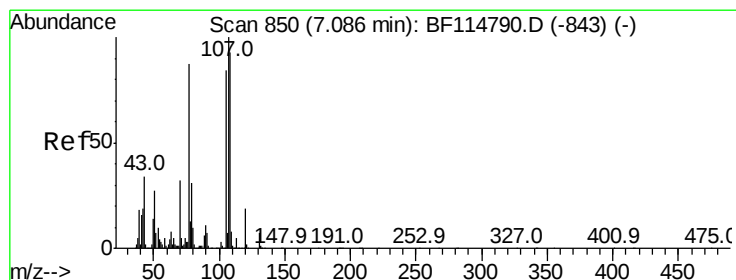
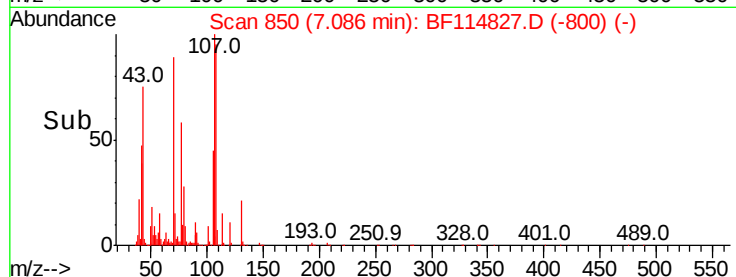
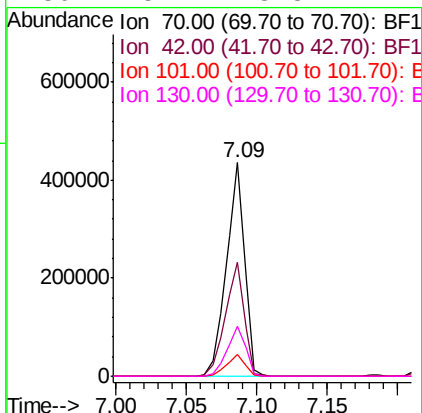
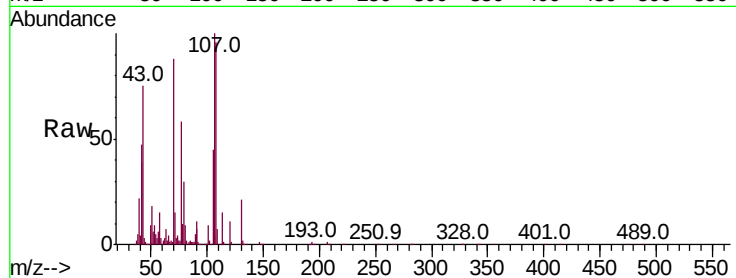




#19
n-Nitroso-di-n-propylamine
Concen: 24.668 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

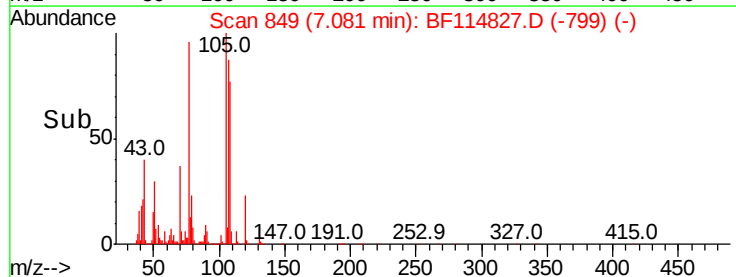
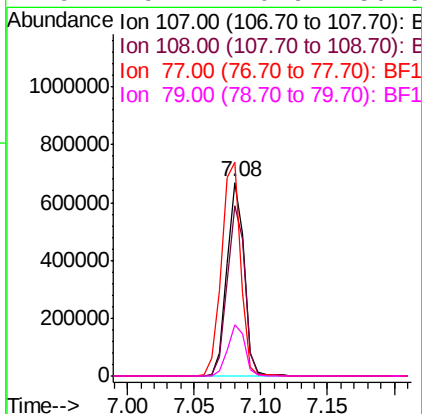
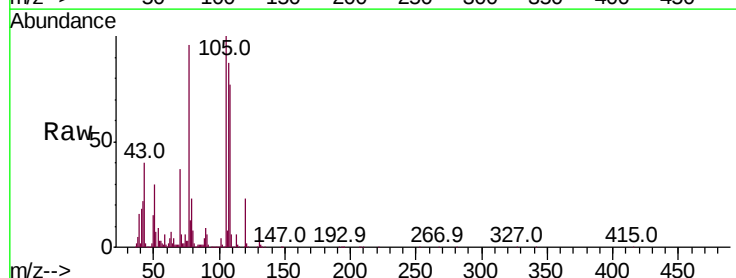
Instrument :
BNA_F
ClientSampleId :

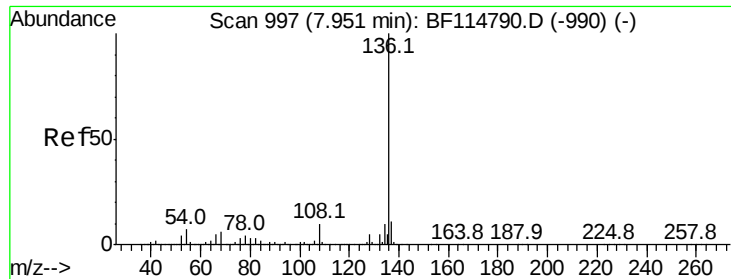
Tot Ion:	70	Resp:	386789
Ion	Ratio	Lower	Upper
70	100		
42	53.3	41.8	62.8
101	10.4	8.2	12.4
130	23.7	18.5	27.7



#20
3+4-Methylphenols
Concen: 28.961 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion:	107	Resp:	614143
Ion	Ratio	Lower	Upper
107	100		
108	88.4	73.5	113.5
77	110.5	67.2	107.2#
79	26.7	10.6	50.6

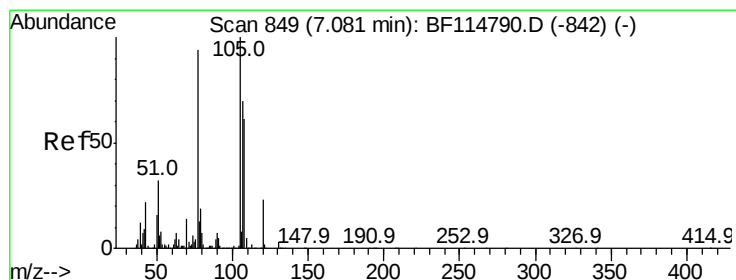
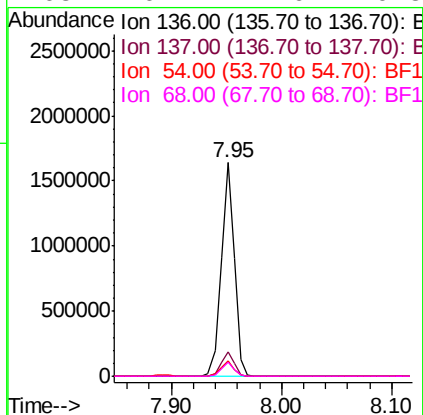
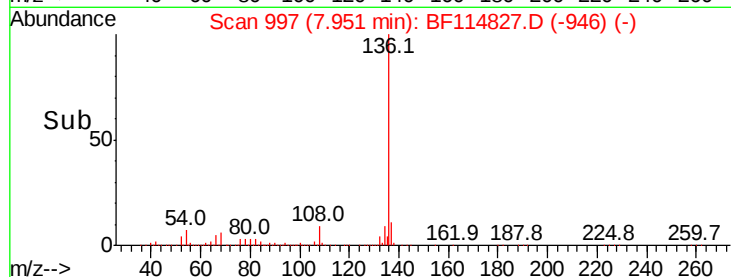
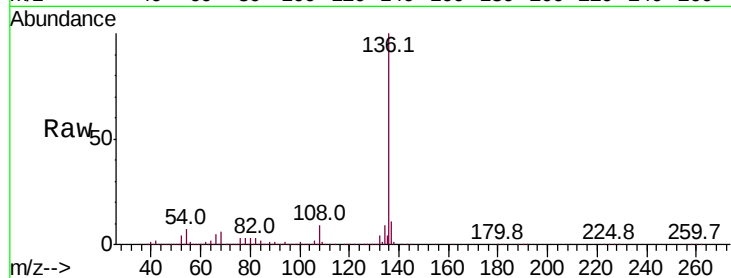




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

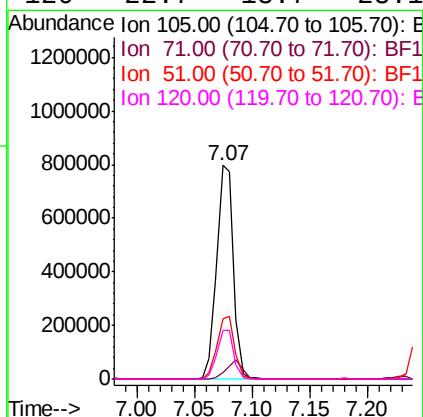
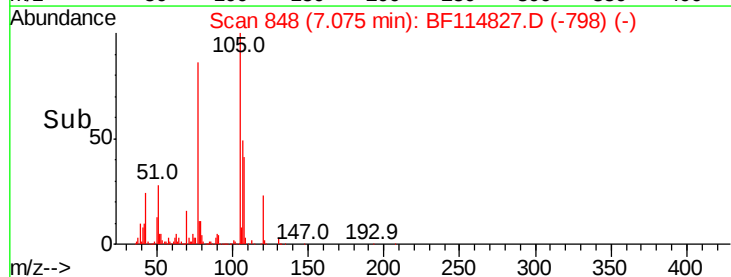
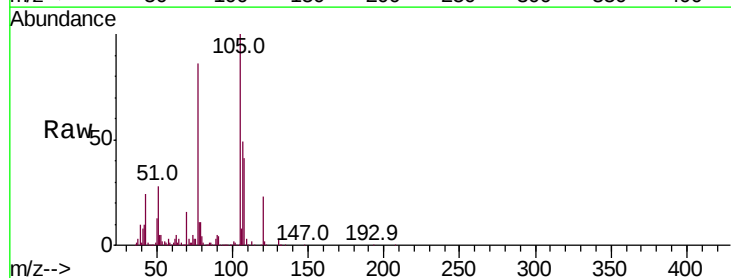
Instrument :
BNA_F
ClientSampled :

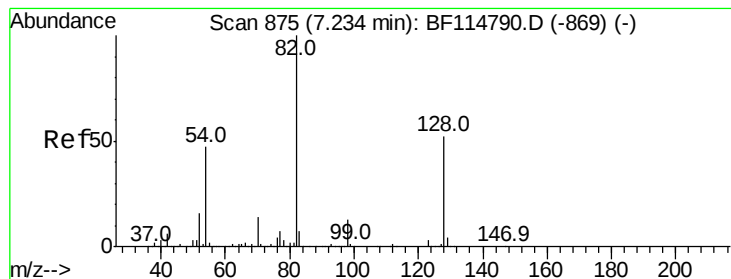
Tot Ion:136	Resp: 1349975
Ion Ratio	Lower Upper
136 100	
137 11.4	9.1 13.7
54 7.0	5.4 8.0
68 6.4	4.6 6.8



#22
Acetophenone
Concen: 26.953 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt	Ion:105	Resp:	801094
Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.0	3.0
51	28.4	25.4	38.0
120	22.7	18.7	28.1





#23

Nitrobenzene-d5

Concen: 54.221 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

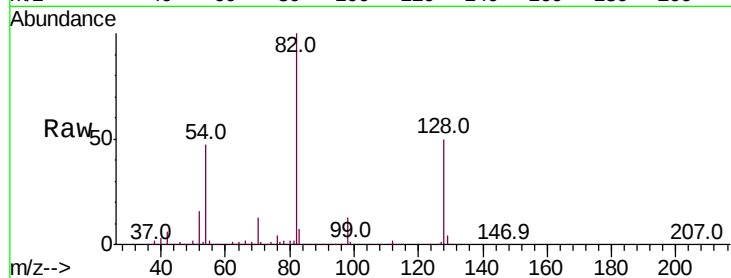
Tot Ion: 82 Resp: 1189075

Ion Ratio Lower Upper

82 100

128 50.4 41.8 62.6

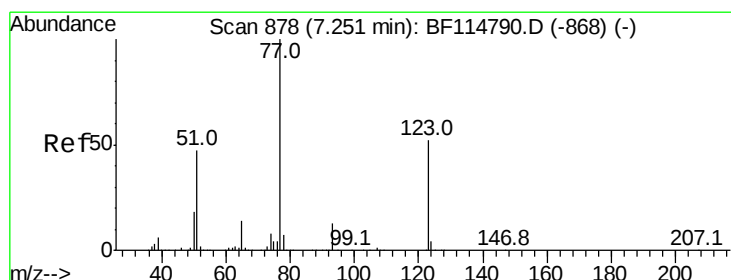
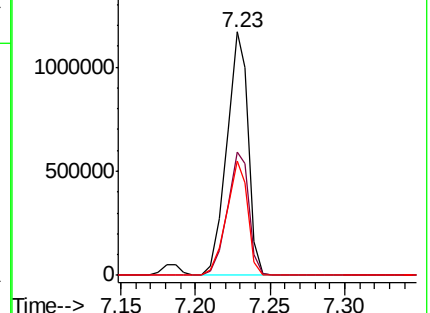
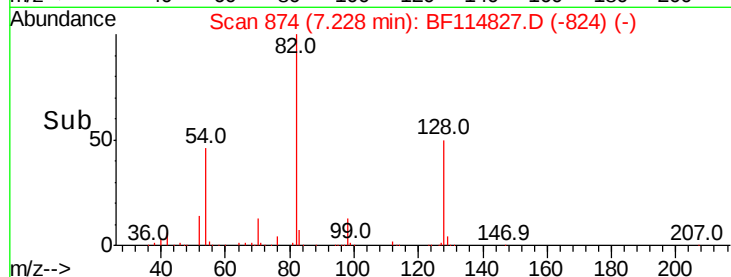
54 47.0 37.9 56.9



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: 26.416 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

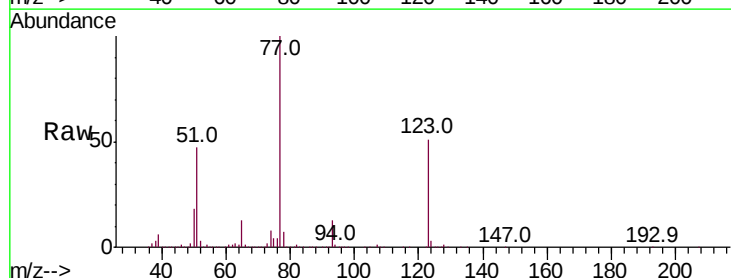
Tgt Ion: 77 Resp: 600141

Ion Ratio Lower Upper

77 100

123 50.6 41.5 62.3

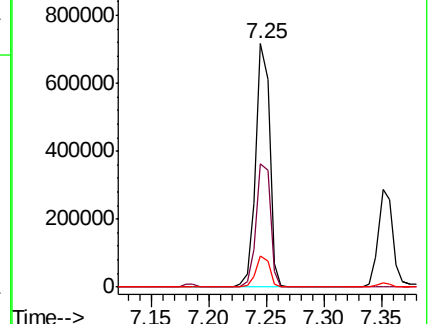
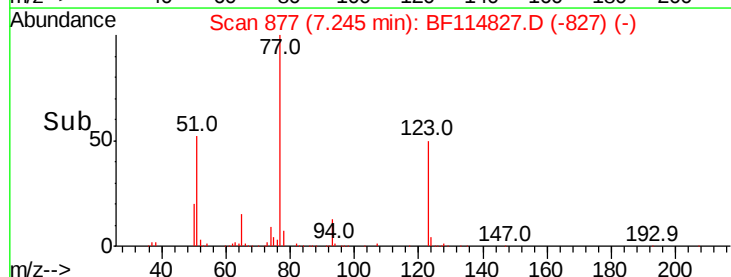
65 12.9 10.8 16.2

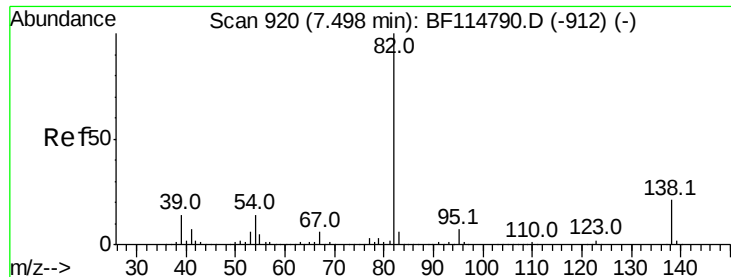


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 26.205 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

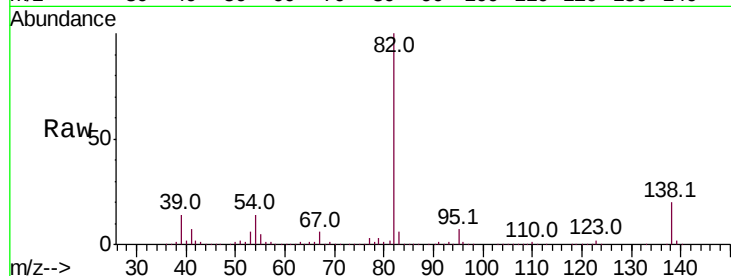
Tot Ion: 82 Resp: 1136112

Ion Ratio Lower Upper

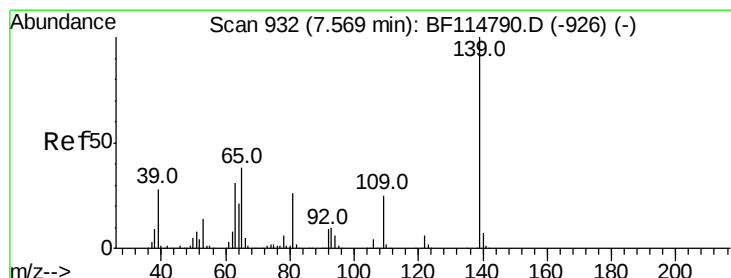
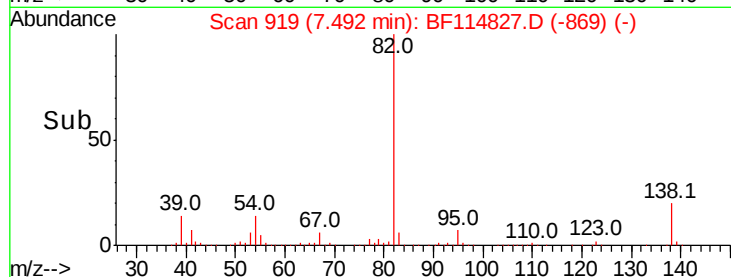
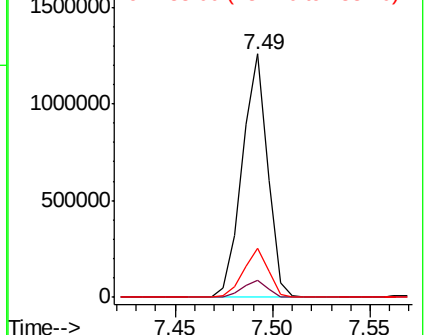
82 100

95 6.9 5.8 8.8

138 20.0 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: 27.284 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

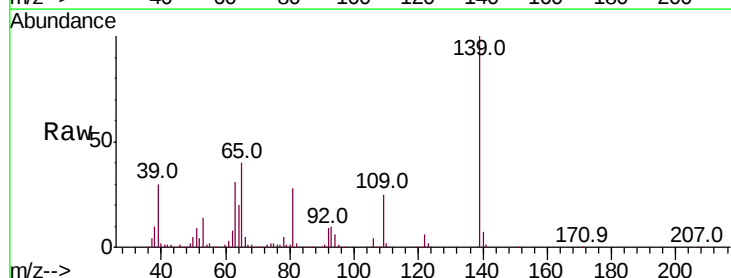
Tgt Ion: 139 Resp: 335725

Ion Ratio Lower Upper

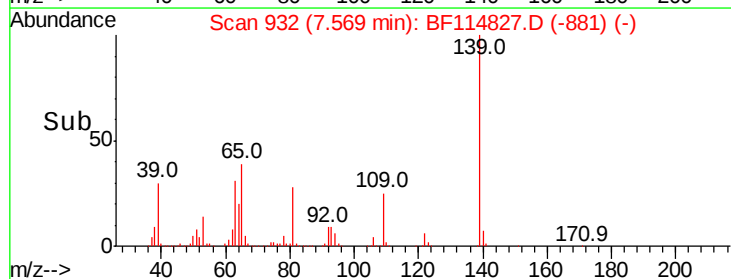
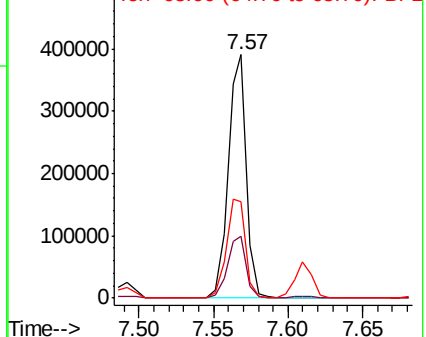
139 100

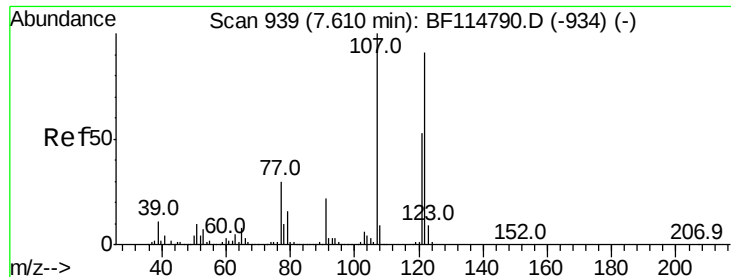
109 25.3 20.4 30.6

65 39.6 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

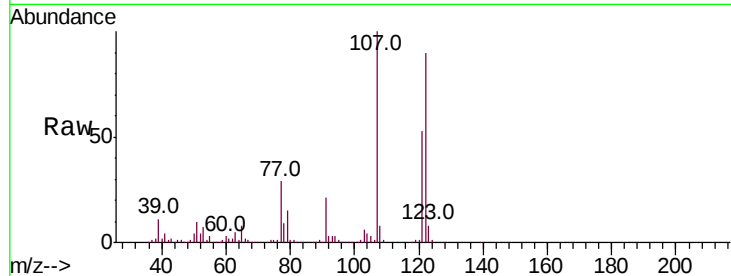




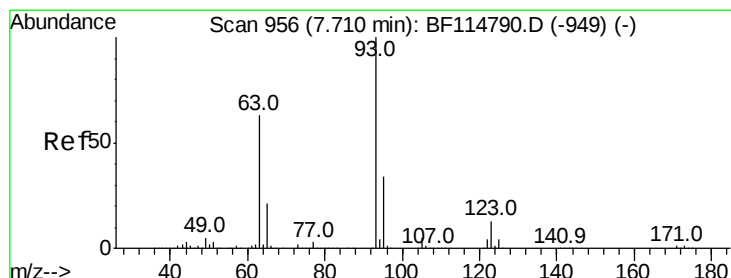
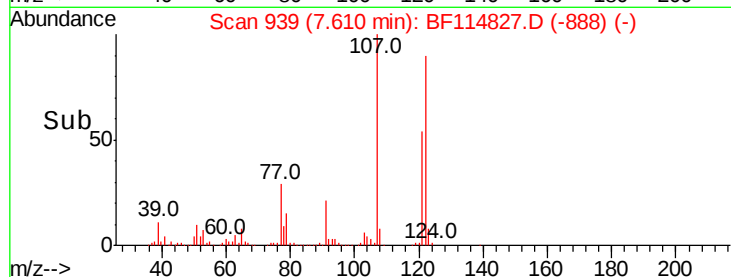
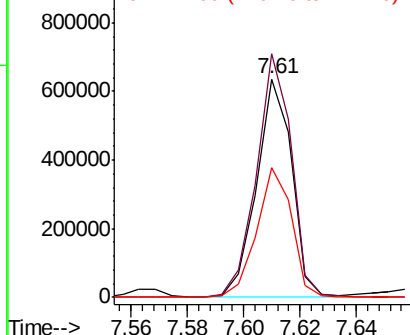
#27
 2,4-Dimethylphenol
 Concen: 29.520 ng
 RT: 7.61 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF114827.D
 Acq: 5 Jun 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	87.9	131.9
121	59.7	46.4	69.6

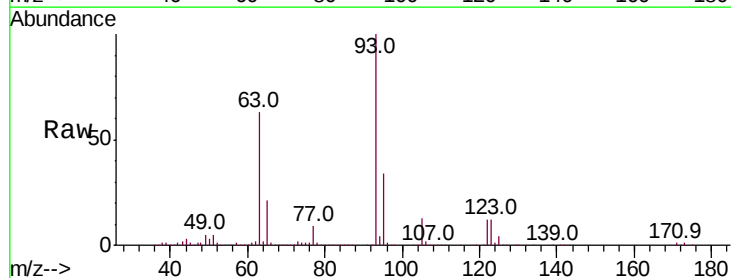


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

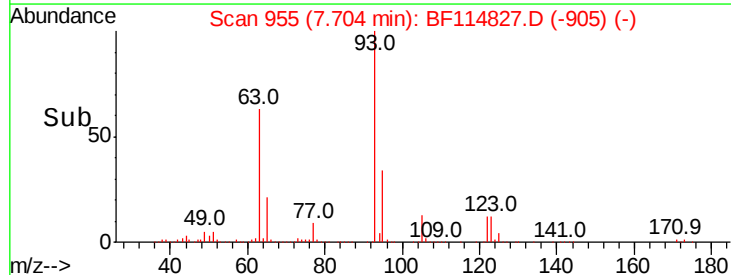
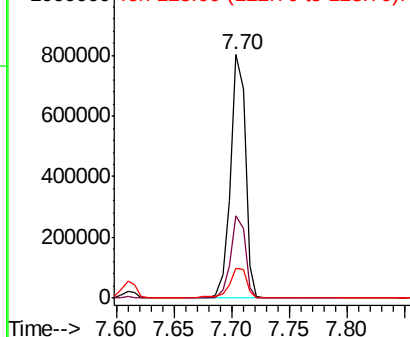


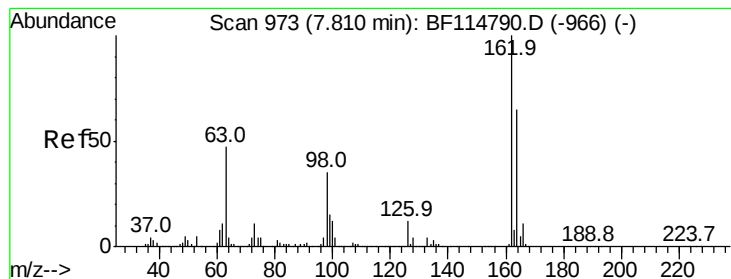
#28
 bis(2-Chloroethoxy)methane
 Concen: 25.660 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF114827.D
 Acq: 5 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.9	40.3
123	12.4	10.4	15.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 27.472 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

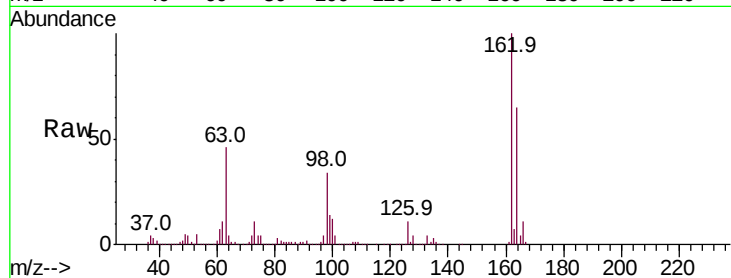
Tot Ion:162 Resp: 540550

Ion Ratio Lower Upper

162 100

164 64.8 45.1 85.1

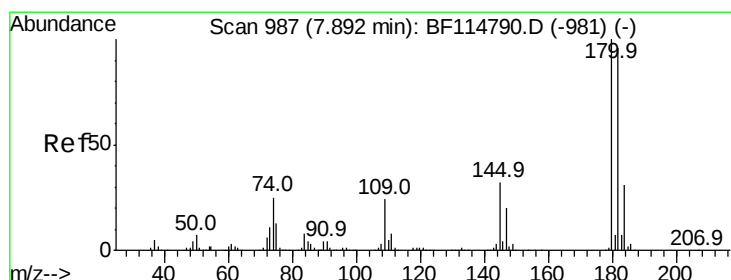
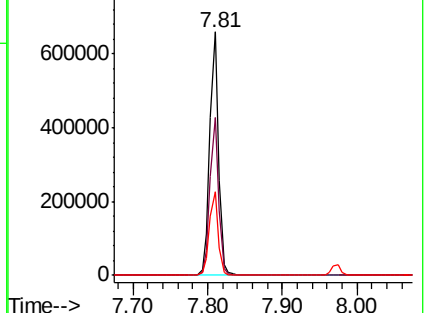
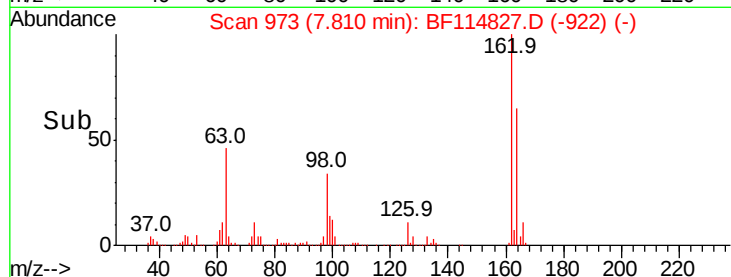
98 34.2 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 25.591 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

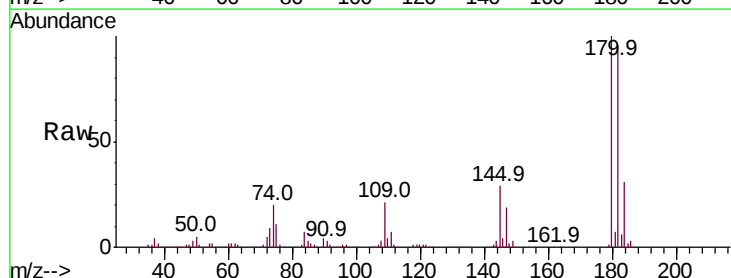
Tgt Ion:180 Resp: 577764

Ion Ratio Lower Upper

180 100

182 96.4 76.5 114.7

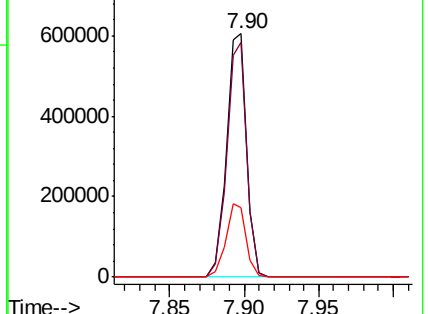
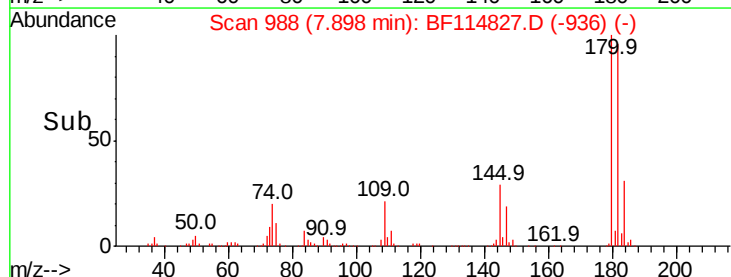
145 28.7 25.8 38.8

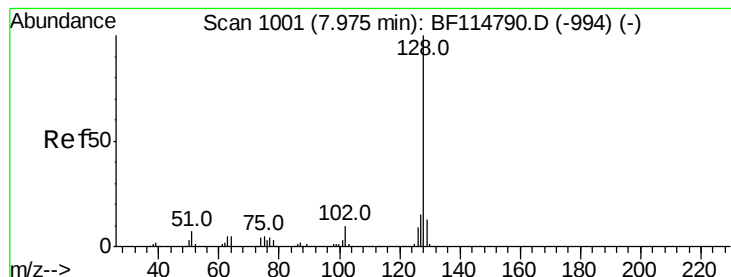


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.753 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampled :

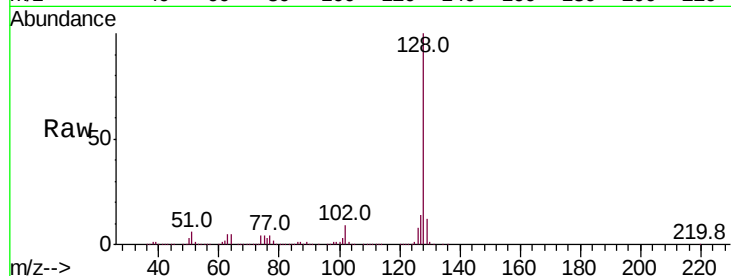
Tot Ion:128 Resp: 1747471

Ion Ratio Lower Upper

128 100

129 11.6 10.0 15.0

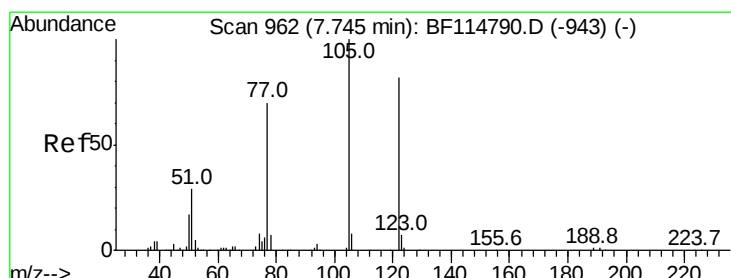
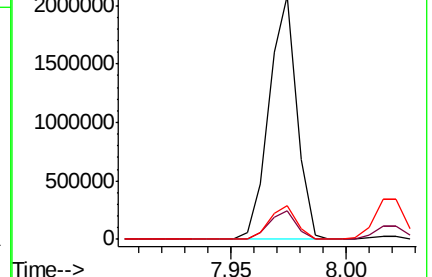
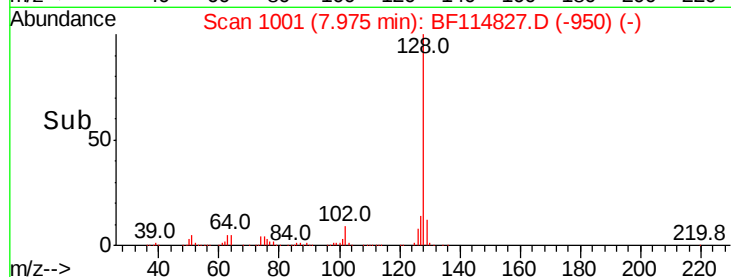
127 14.1 12.2 18.2



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: 20.635 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.04 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

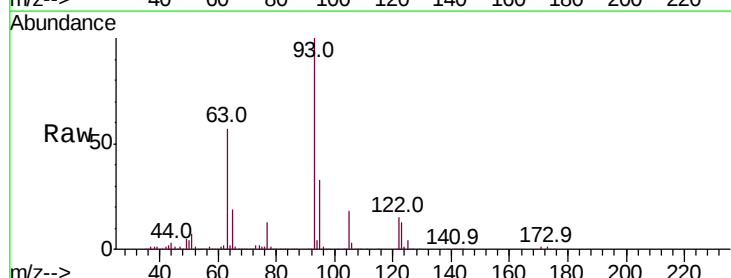
Tgt Ion:122 Resp: 281073

Ion Ratio Lower Upper

122 100

105 117.6 98.7 138.7

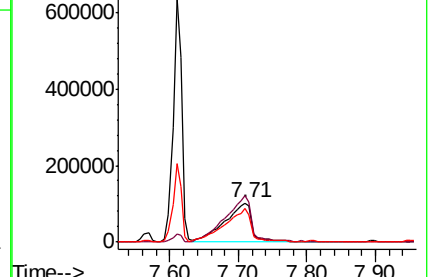
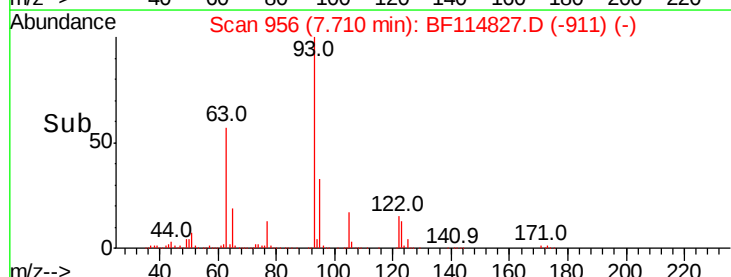
77 86.3 64.8 104.8

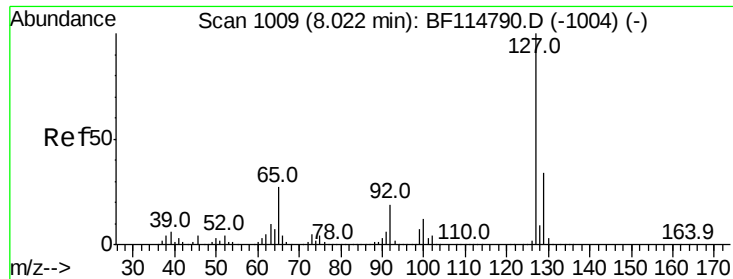


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

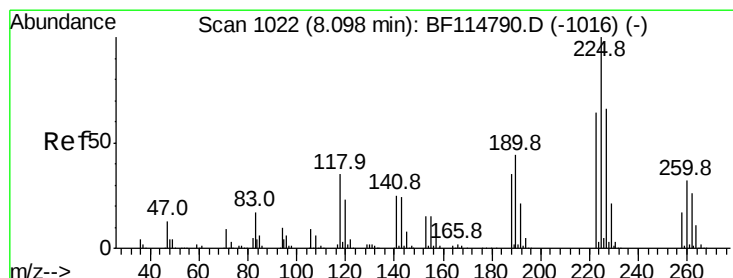
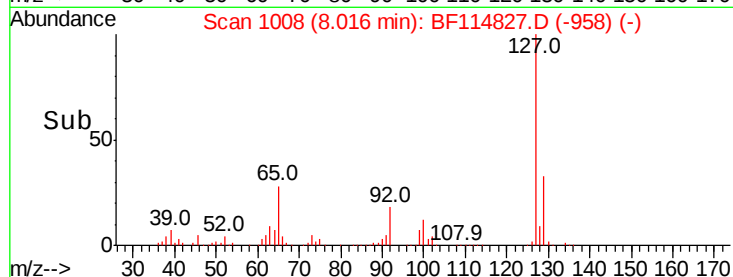
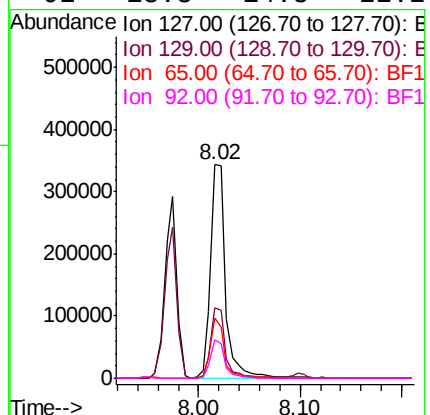
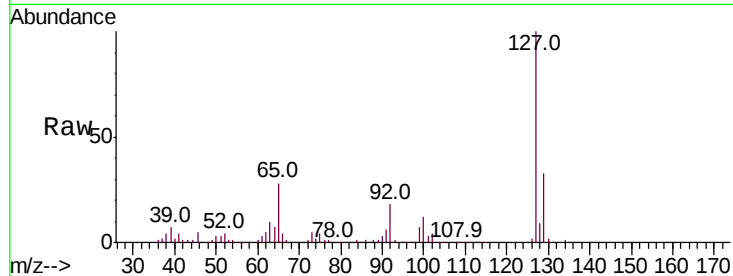




#33
4-Chloroaniline
Concen: 12.222 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

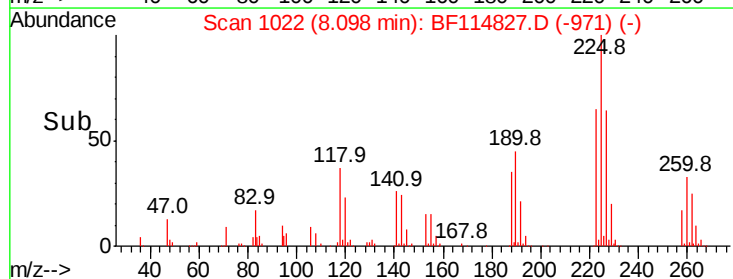
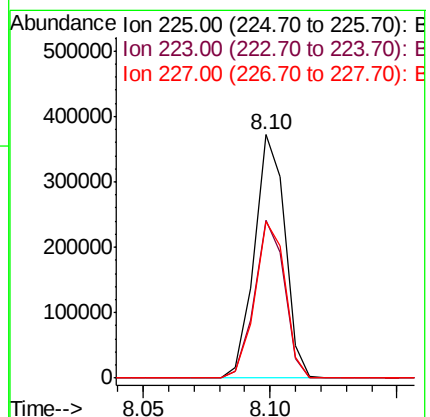
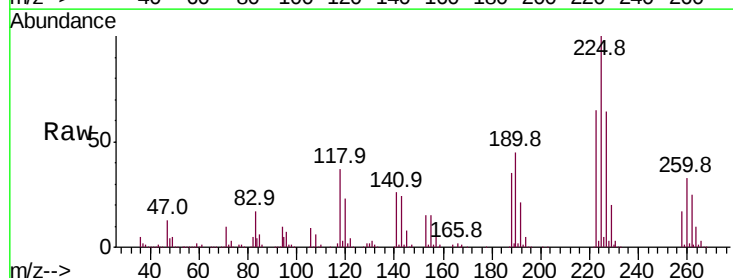
Instrument :
BNA_F
ClientSampleId :

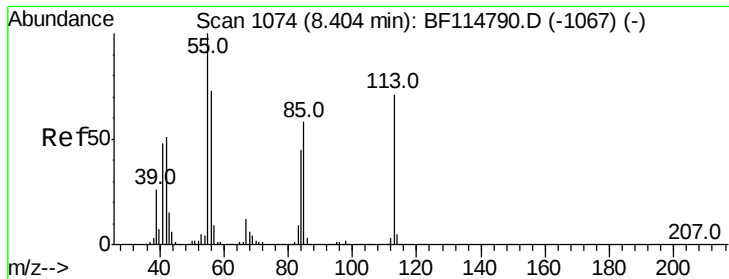
Tot Ion:	127	Resp:	354359
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.9	40.3
65	28.1	21.7	32.5
92	18.3	14.8	22.2



#34
Hexachlorobutadiene
Concen: 24.363 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion:	225	Resp:	312712
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.0	76.6
227	64.2	52.6	78.8

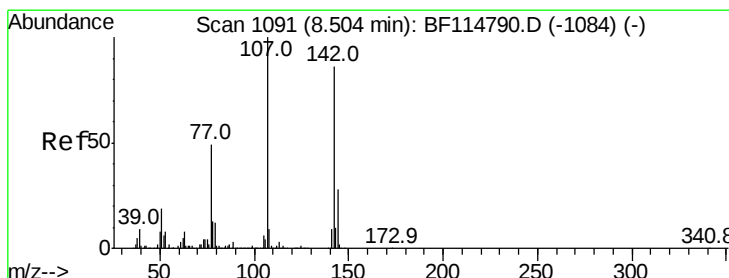
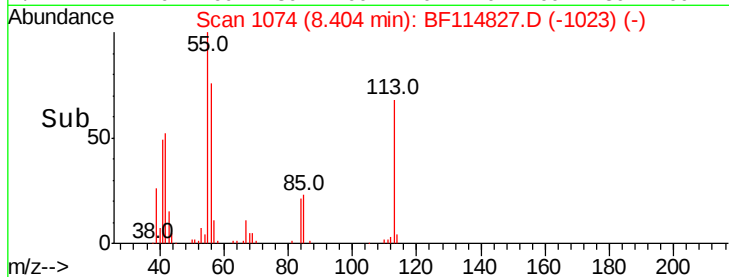
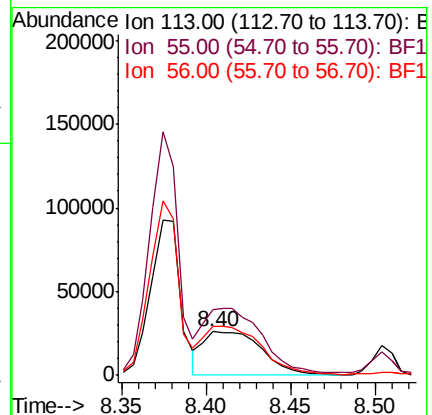
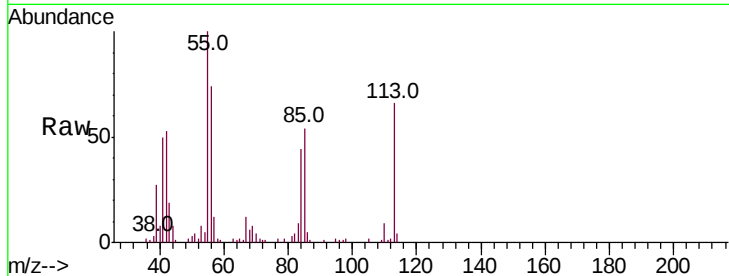




#35
Caprolactam
Concen: 10.027 ng
RT: 8.40 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

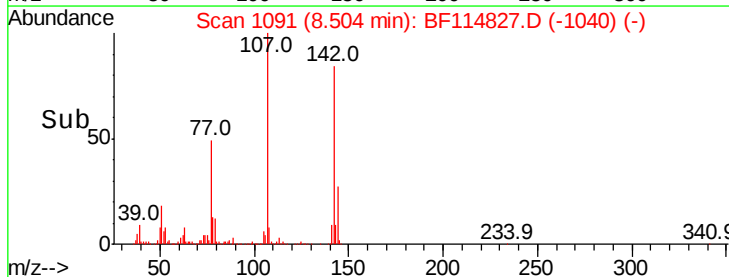
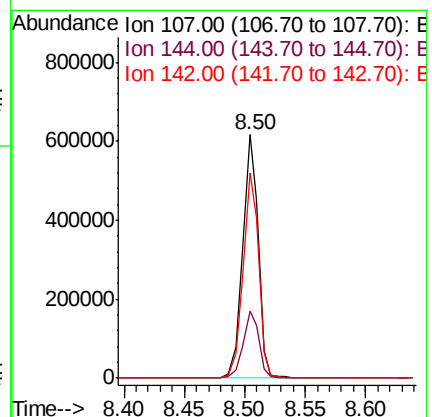
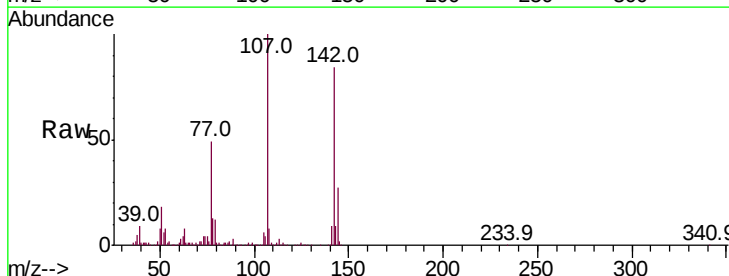
Instrument :
BNA_F
ClientSampleId :

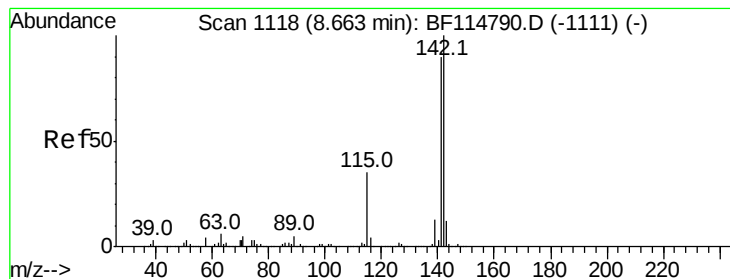
Tot Ion:113 Resp: 64448
Ion Ratio Lower Upper
113 100
55 151.2 121.1 161.1
56 112.1 82.6 122.6



#36
4-Chloro-3-methylphenol
Concen: 28.303 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion:107 Resp: 554157
Ion Ratio Lower Upper
107 100
144 27.3 22.1 33.1
142 84.3 68.4 102.6





#37

2-Methylnaphthalene

Concen: 28.474 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

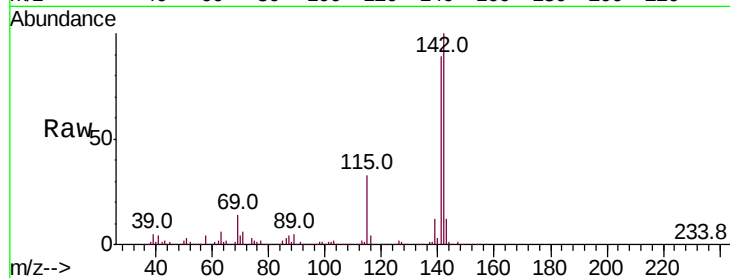
Tot Ion:142 Resp: 1200335

Ion Ratio Lower Upper

142 100

141 89.4 71.6 107.4

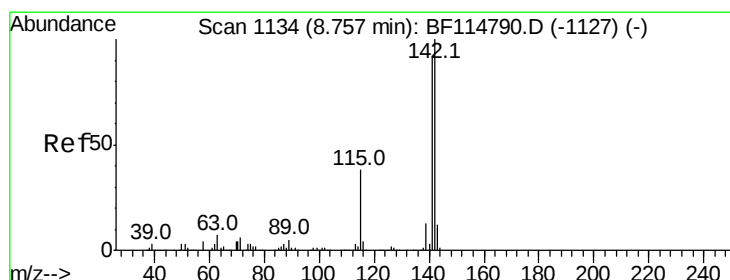
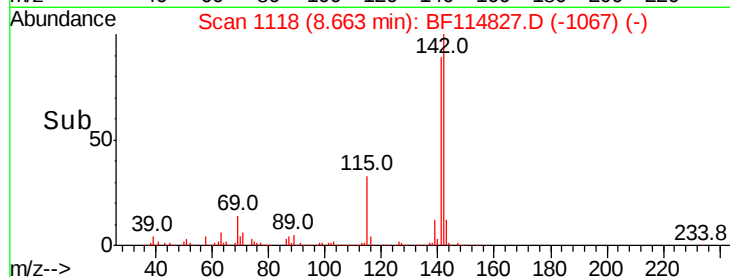
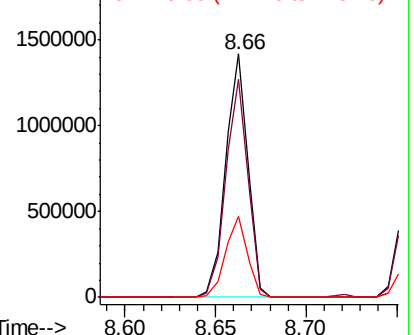
115 33.4 28.2 42.4



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: 28.875 ng

RT: 8.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

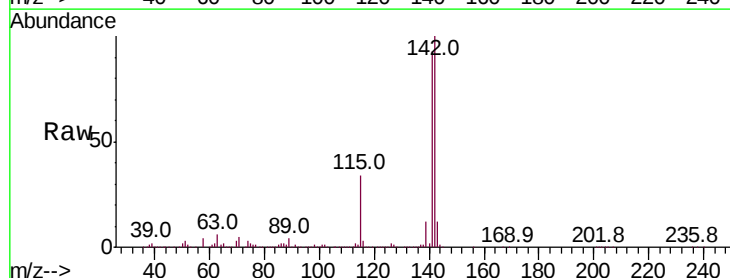
Tgt Ion:142 Resp: 1154357

Ion Ratio Lower Upper

142 100

141 92.8 73.8 110.6

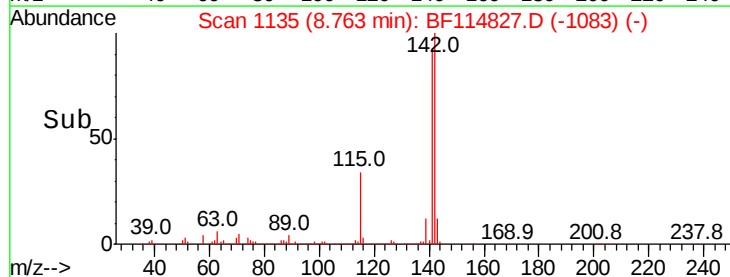
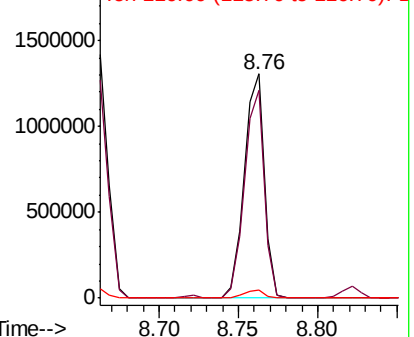
116 3.5 3.3 4.9

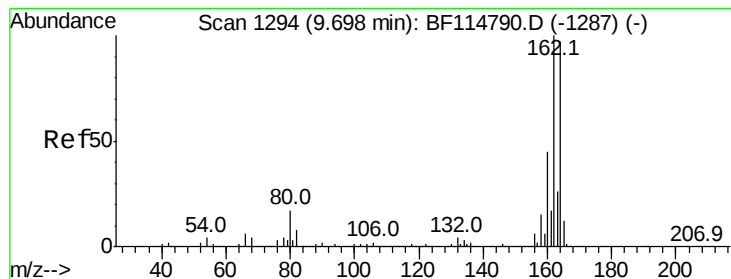


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1294

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

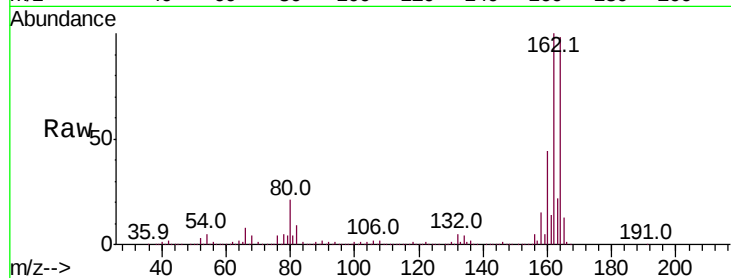
Tot Ion:164 Resp: 706803

Ion Ratio Lower Upper

164 100

162 101.6 82.3 123.5

160 44.6 36.7 55.1

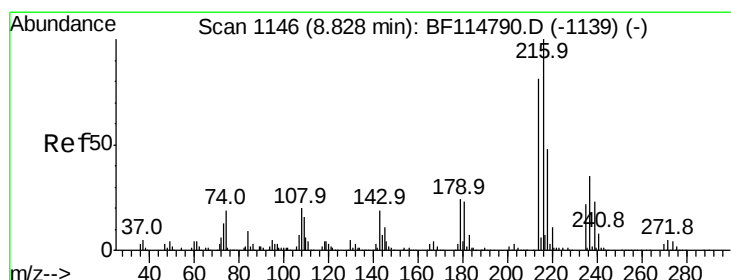
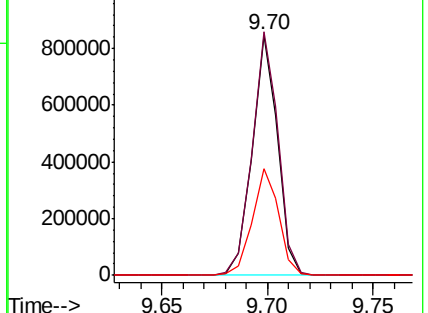
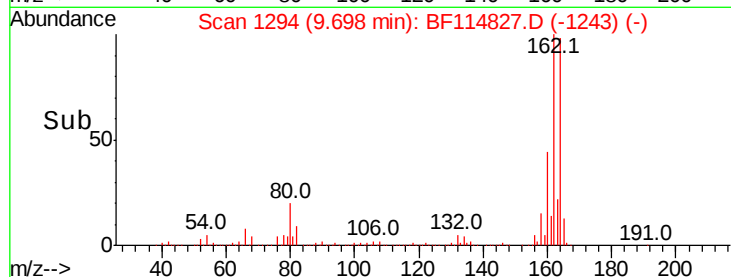


Abundance

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: 26.143 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Tgt Ion:216 Resp: 532514

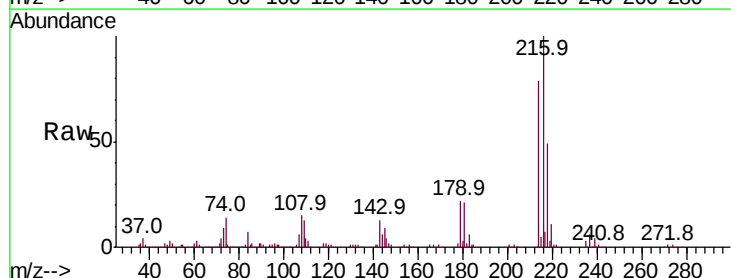
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 22.5 18.3 27.5

108 20.0 15.5 23.3



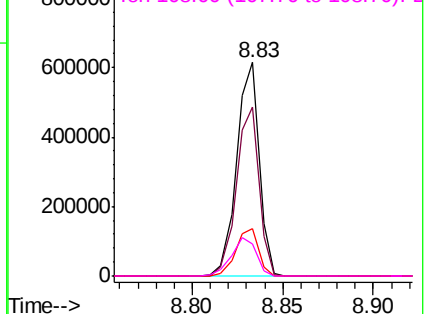
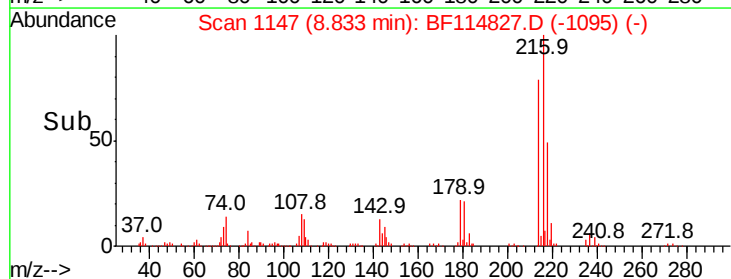
Abundance

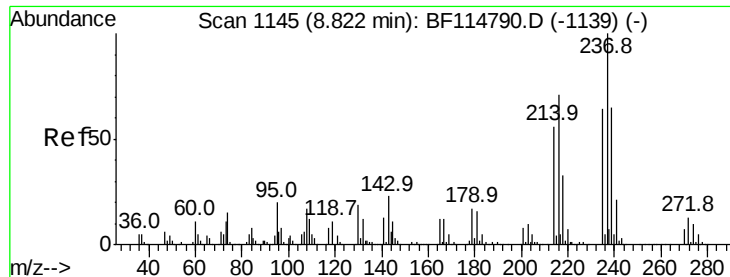
Ion 216.00 (215.70 to 216.70): E

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: 32.937 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

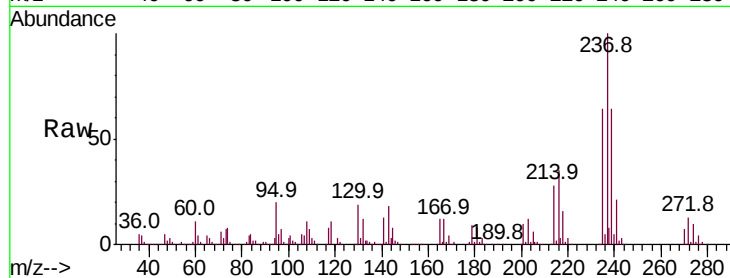
Tot Ion:237 Resp: 406893

Ion Ratio Lower Upper

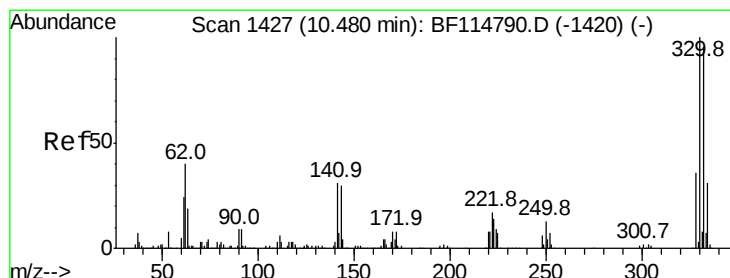
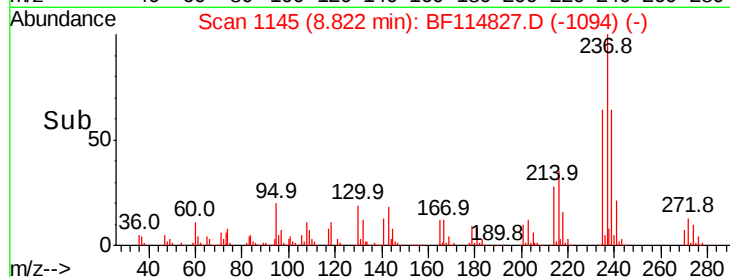
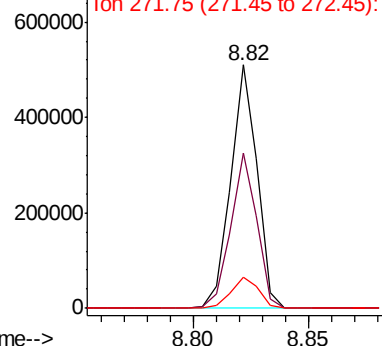
237 100

235 63.6 44.0 84.0

272 12.9 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: 82.703 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

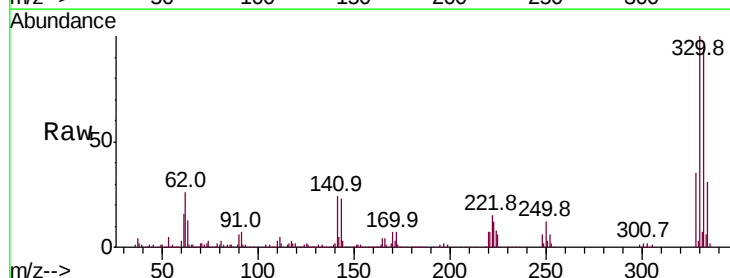
Tgt Ion:330 Resp: 629939

Ion Ratio Lower Upper

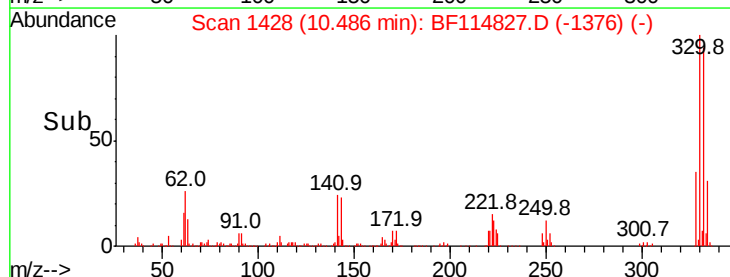
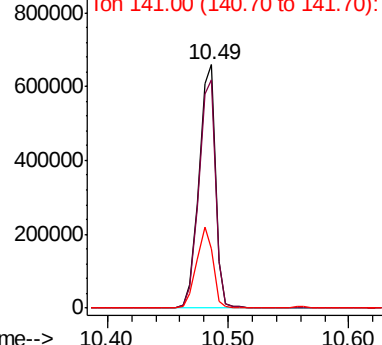
330 100

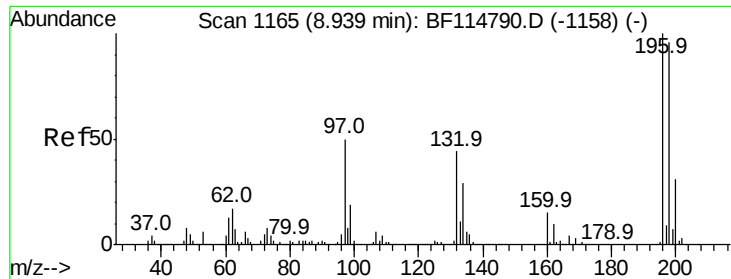
332 95.2 77.3 115.9

141 33.2 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

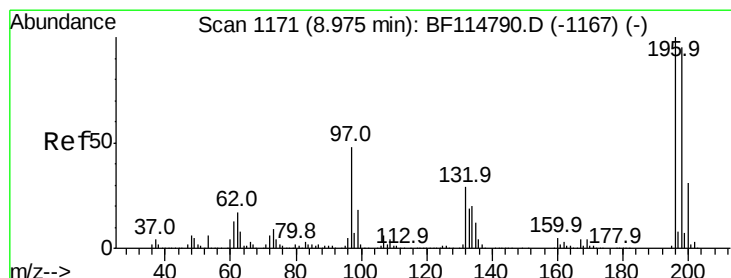
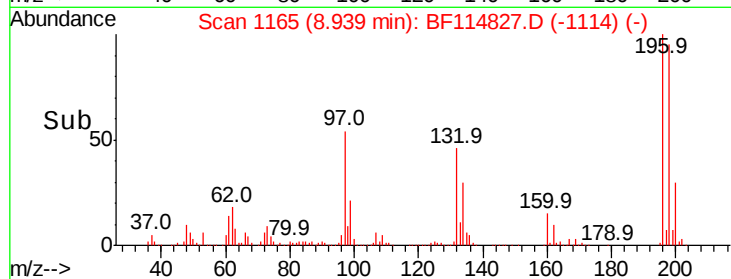
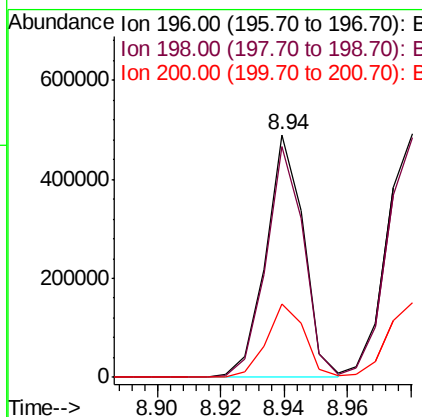
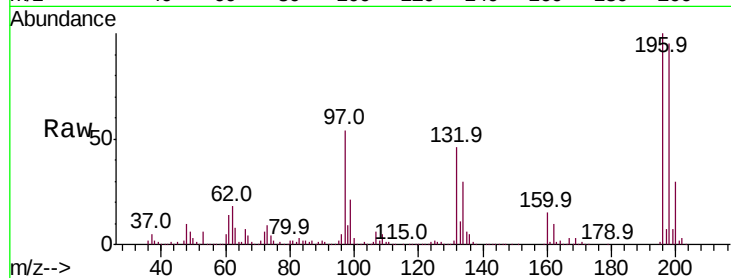




#43
 2,4,6-Trichlorophenol
 Concen: 25.589 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF114827.D
 Acq: 5 Jun 2019 19:27

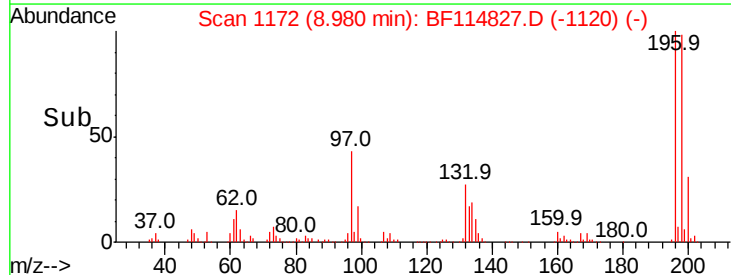
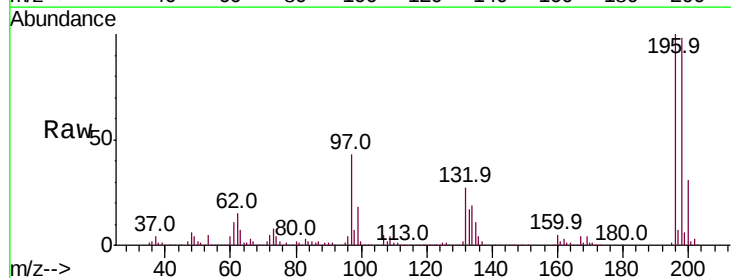
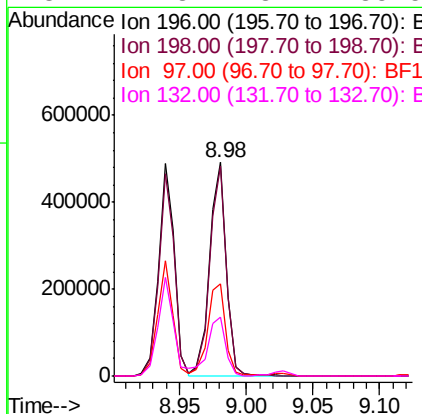
Instrument :
 BNA_F
 ClientSampleId :

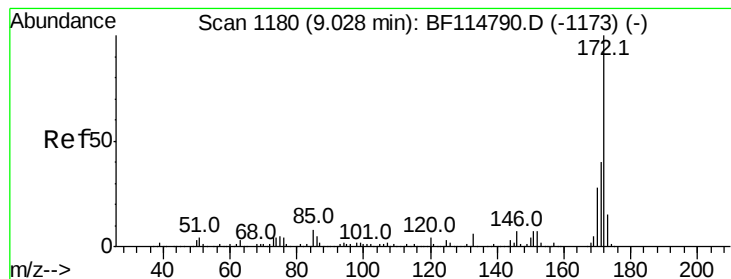
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.1	115.7
200	30.2	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 27.098 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114827.D
 Acq: 5 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.2	114.4
97	43.4	38.2	57.4
132	27.3	23.7	35.5

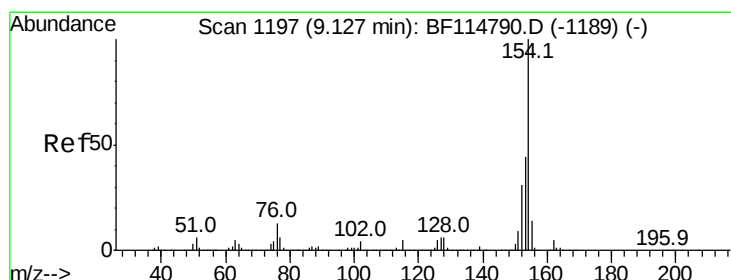
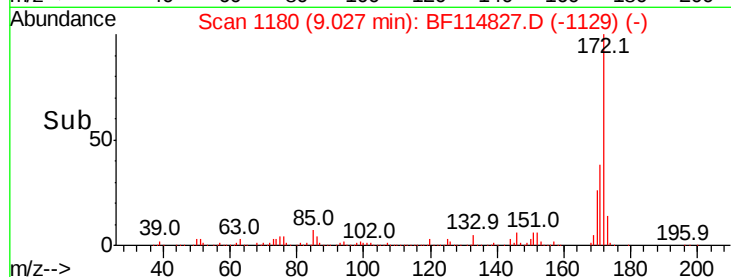
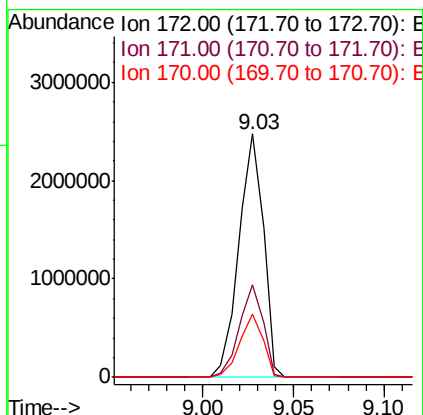
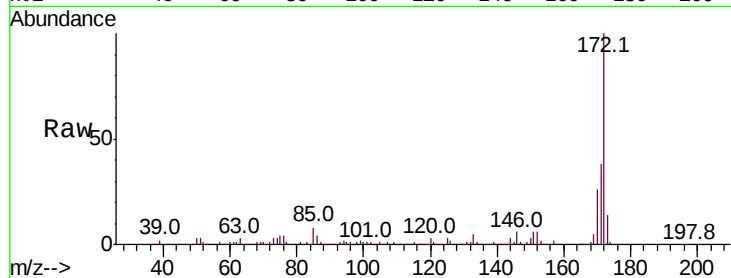




#45
2-Fluorobiphenyl
Concen: 61.801 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

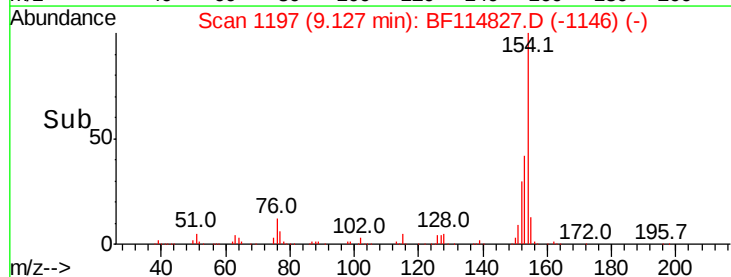
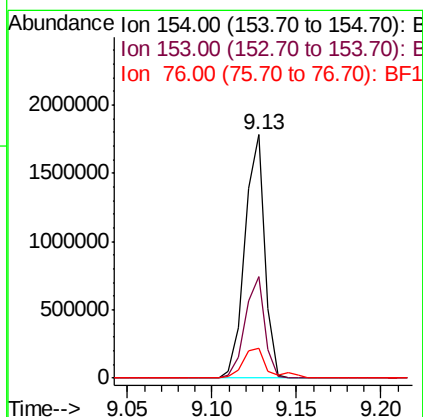
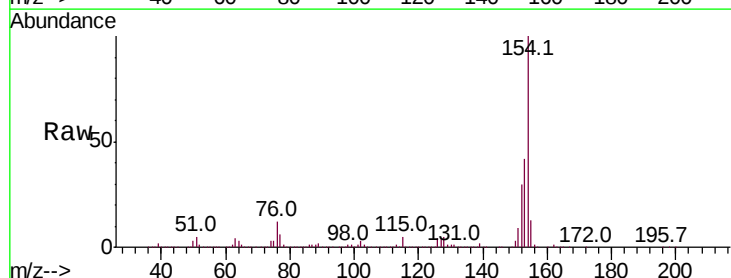
Instrument :
BNA_F
ClientSampleId :

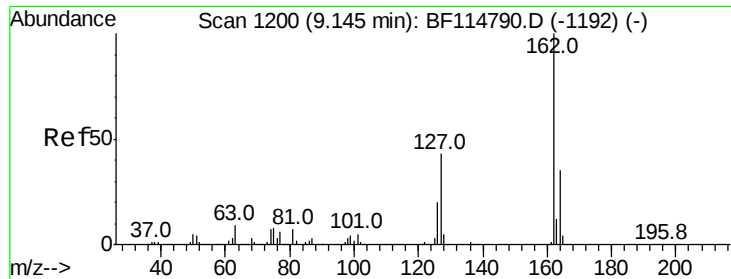
Tot Ion:172 Resp: 2331790
Ion Ratio Lower Upper
172 100
171 38.1 32.3 48.5
170 26.1 22.4 33.6



#46
1,1'-Biphenyl
Concen: 27.904 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion:154 Resp: 1461738
Ion Ratio Lower Upper
154 100
153 41.6 23.9 63.9
76 12.2 0.0 33.2

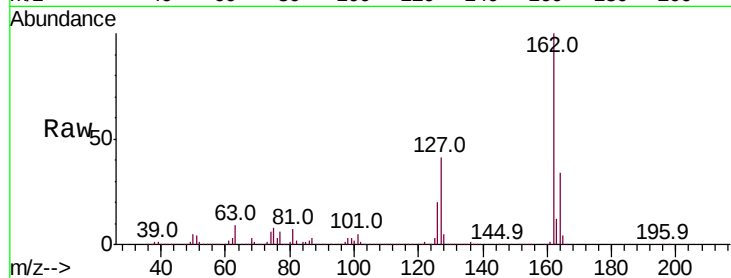




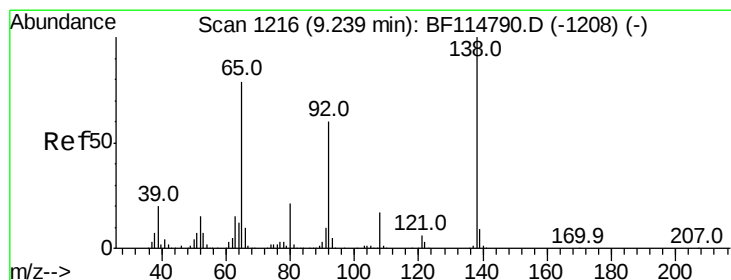
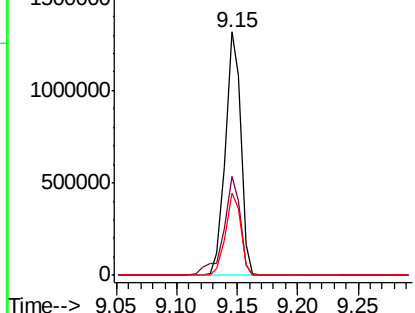
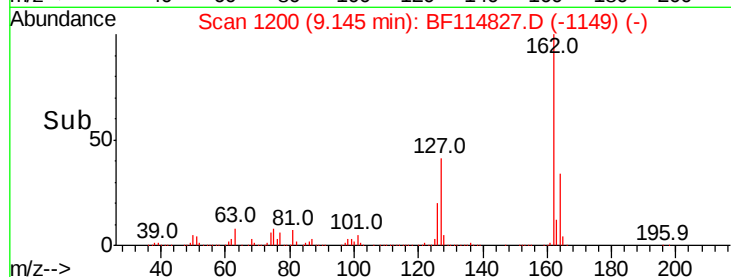
#47
2-Chloronaphthalene
Concen: 26.213 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1166798
Ion Ratio Lower Upper
162 100
127 40.8 34.6 51.8
164 33.9 27.8 41.8

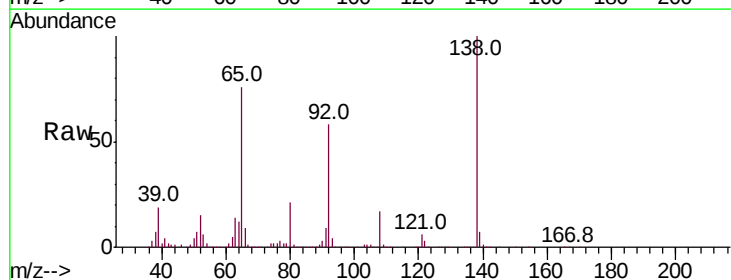


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

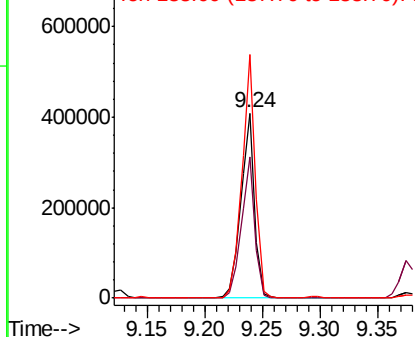
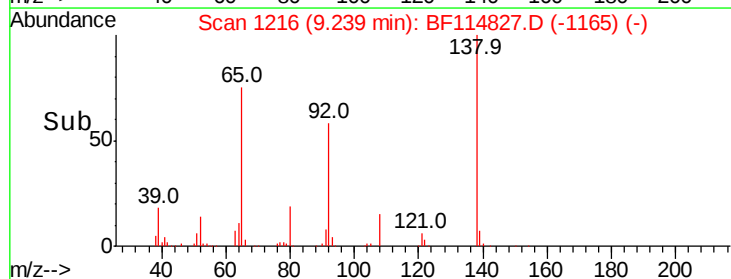


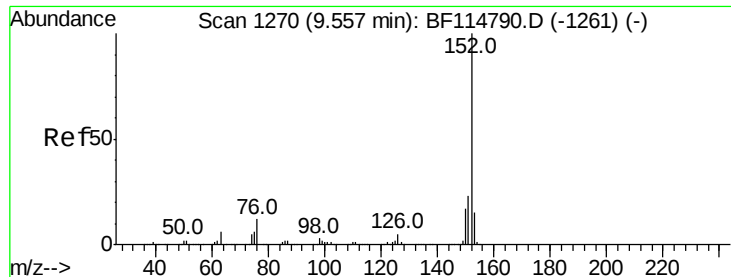
#48
2-Nitroaniline
Concen: 25.226 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion: 65 Resp: 335084
Ion Ratio Lower Upper
65 100
92 76.3 60.4 90.6
138 131.7 101.2 151.8



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: 28.193 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

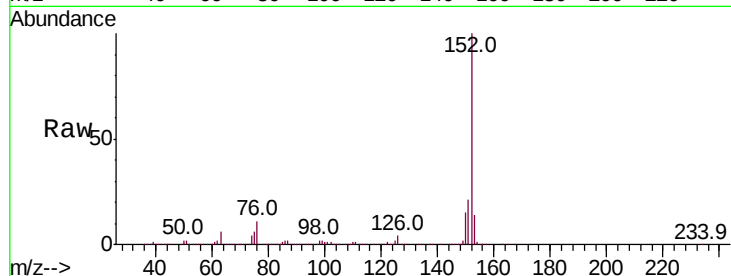
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1819846

Ion	Ratio	Lower	Upper
152	100		
151	21.3	18.3	27.5
153	14.4	12.3	18.5

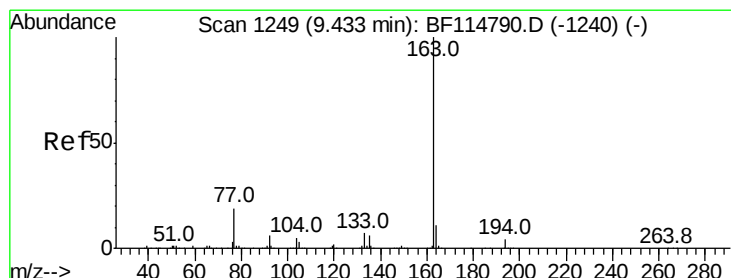
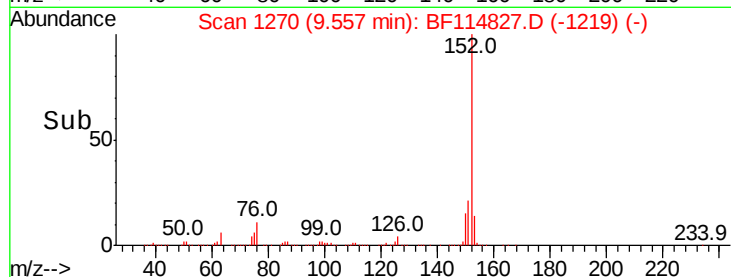
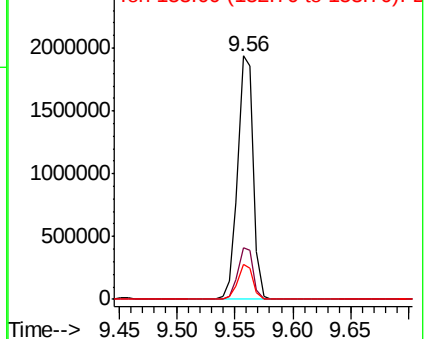


Abundance

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: 34.325 ng

RT: 9.43 min Scan# 1248

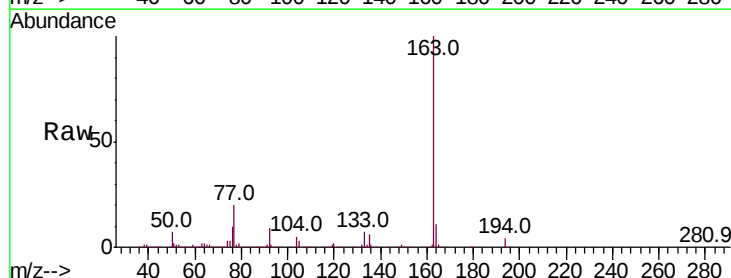
Delta R.T. -0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Tgt Ion:163 Resp: 1771929

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.9	8.6	13.0

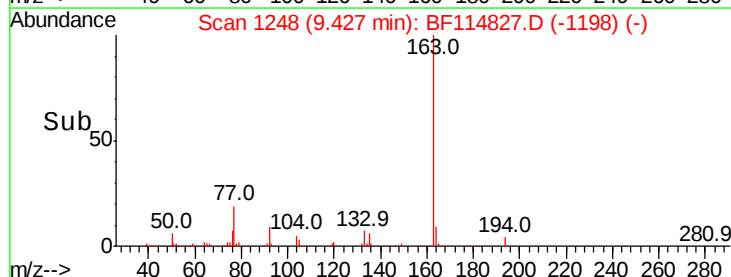
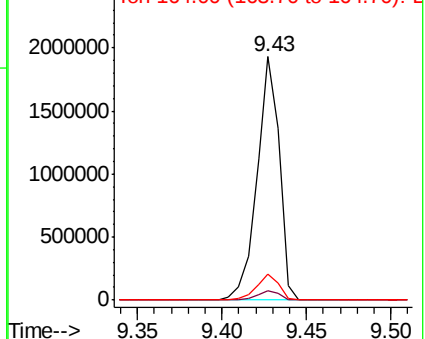


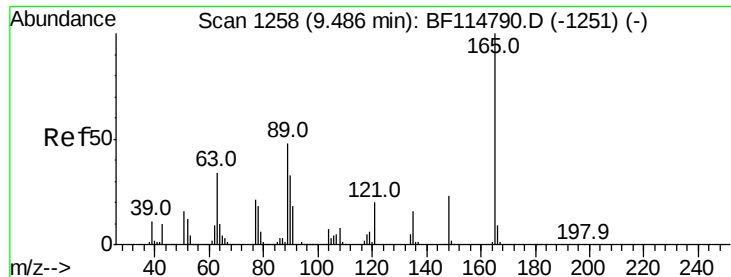
Abundance

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

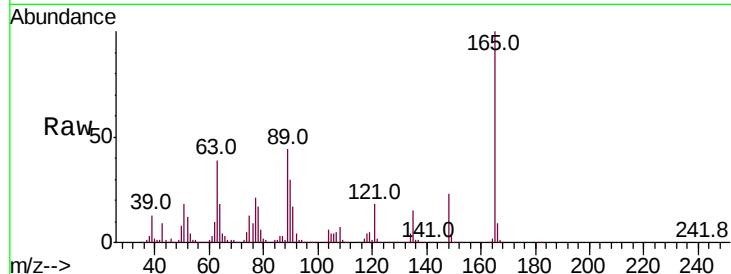




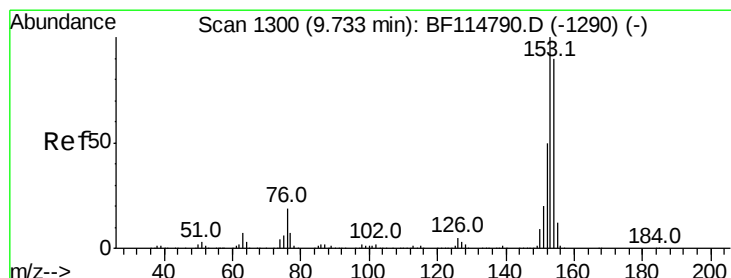
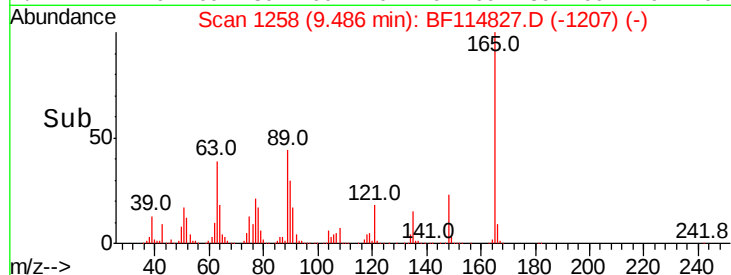
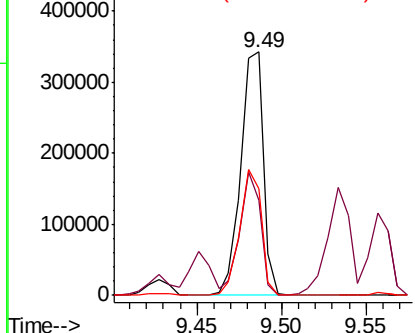
#51
 2,6-Dinitrotoluene
 Concen: 26.368 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BF114827.D
 Acq: 5 Jun 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 320118
 Ion Ratio Lower Upper
 165 100
 63 39.1 35.1 52.7
 89 43.8 38.2 57.2

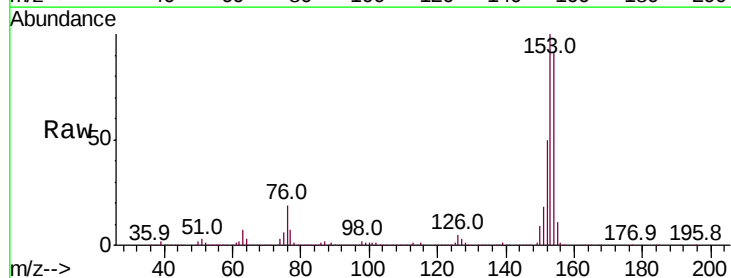


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

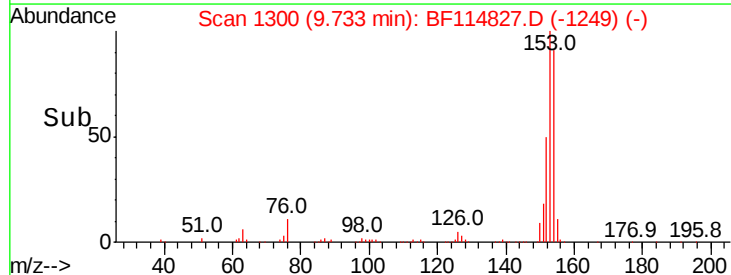
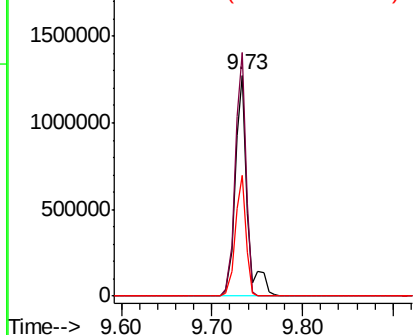


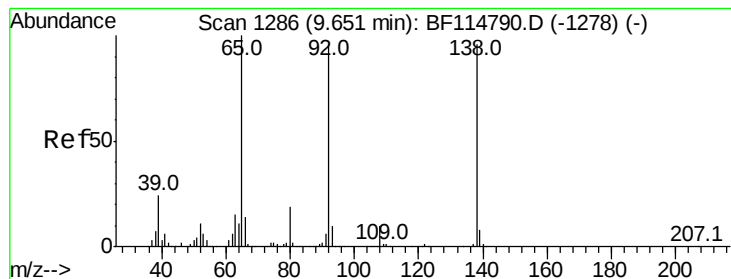
#52
 Acenaphthene
 Concen: 28.310 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF114827.D
 Acq: 5 Jun 2019 19:27

Tgt Ion:154 Resp: 1197103
 Ion Ratio Lower Upper
 154 100
 153 110.1 88.5 132.7
 152 54.7 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: 18.685 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

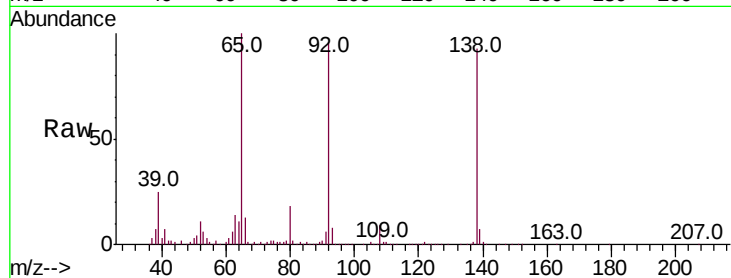
Tot Ion:138 Resp: 264997

Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

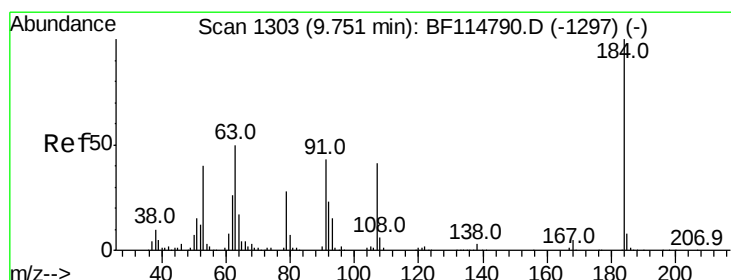
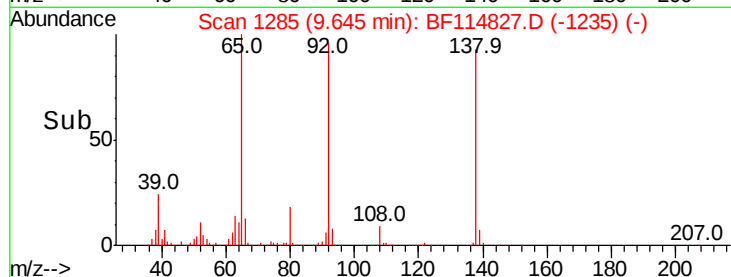
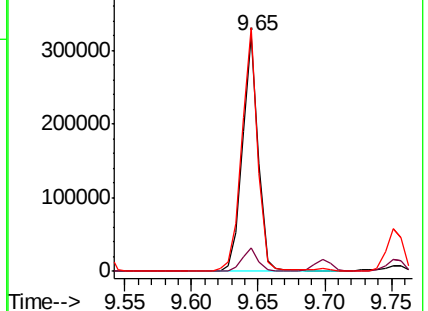
92 103.2 79.9 119.9



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: 40.750 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

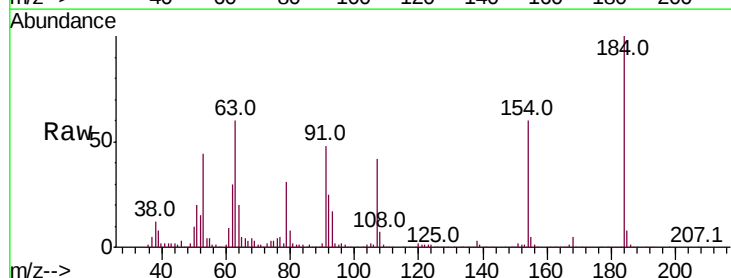
Tgt Ion:184 Resp: 223864

Ion Ratio Lower Upper

184 100

63 59.7 44.1 66.1

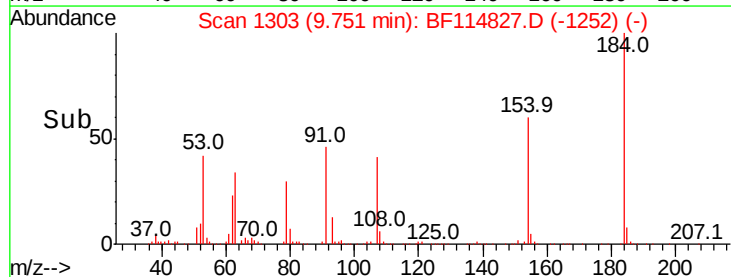
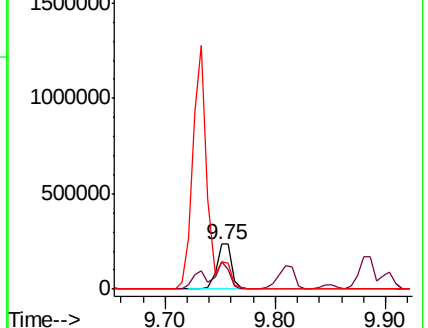
154 60.0 48.1 72.1

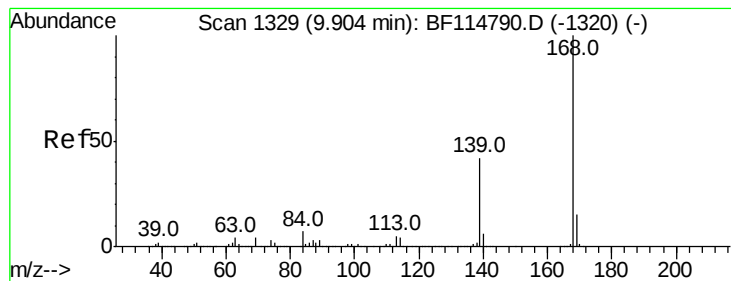


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 27.867 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

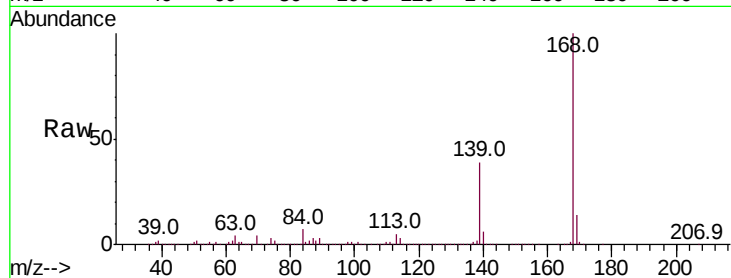
Tot Ion:168 Resp: 1638580

Ion Ratio Lower Upper

168 100

139 39.0 33.8 50.6

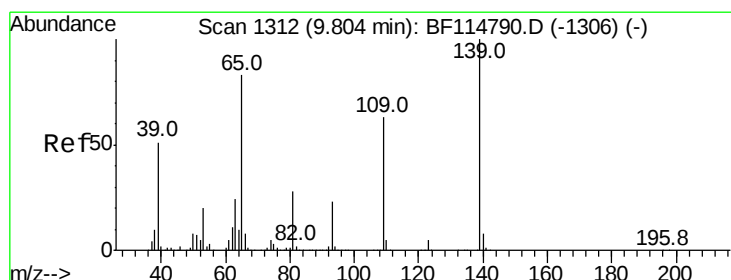
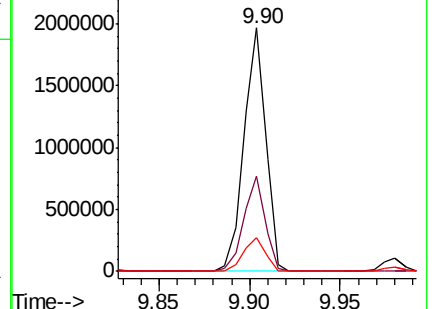
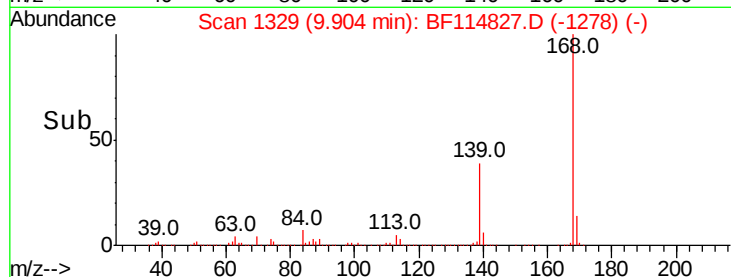
169 14.0 11.9 17.9



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: 55.074 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

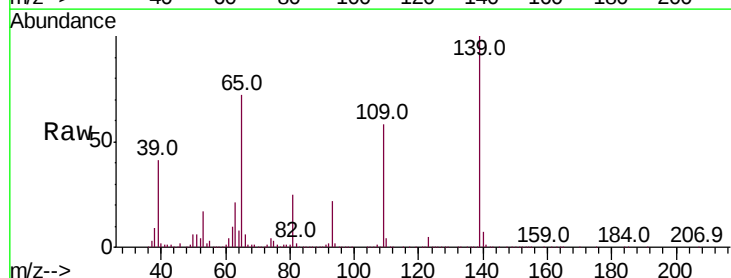
Tgt Ion:139 Resp: 572343

Ion Ratio Lower Upper

139 100

109 58.4 43.5 83.5

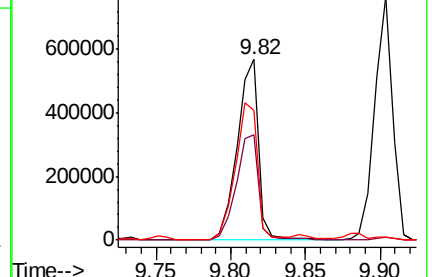
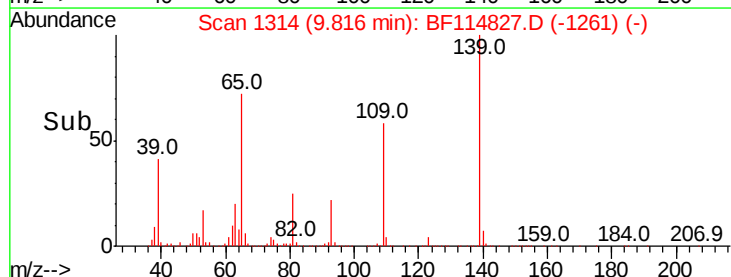
65 71.9 63.2 103.2

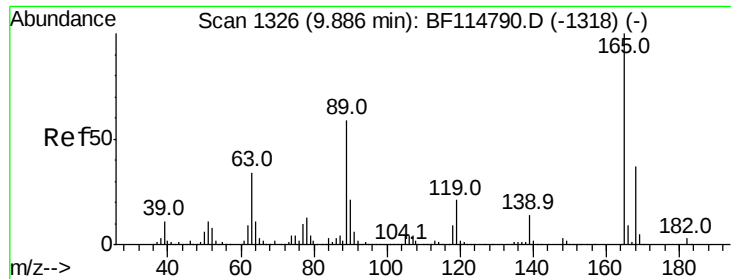


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

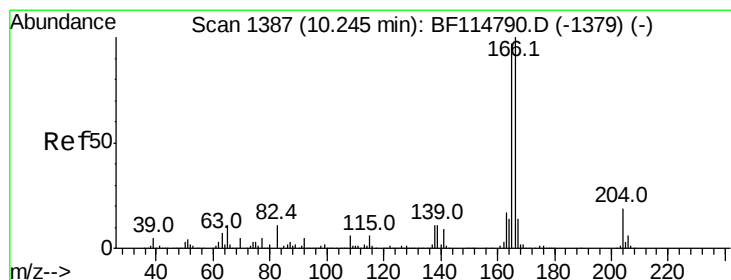
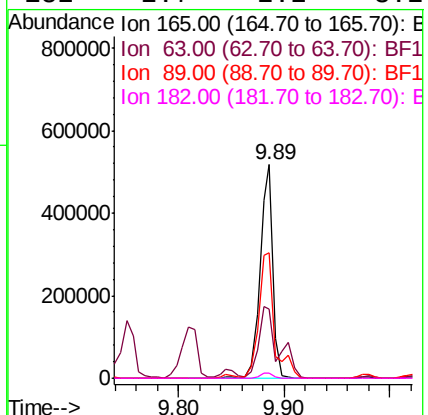
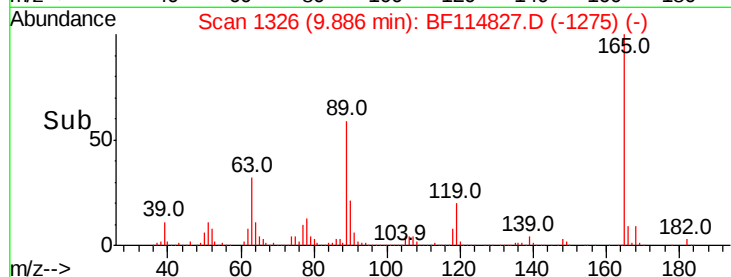
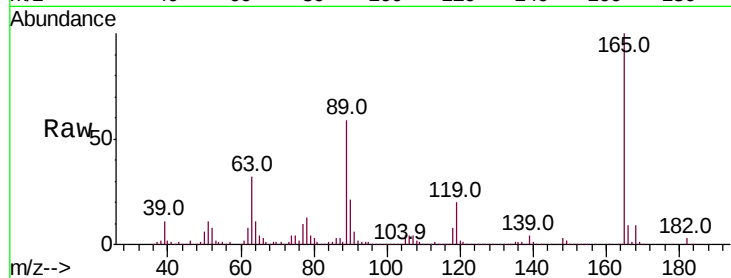




#57
2,4-Dinitrotoluene
Concen: 28.966 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

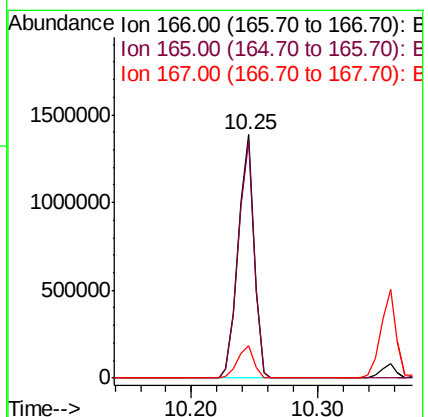
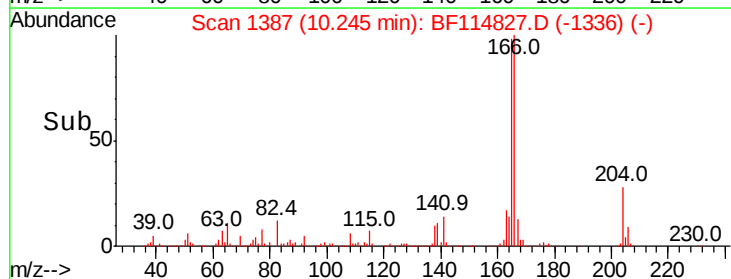
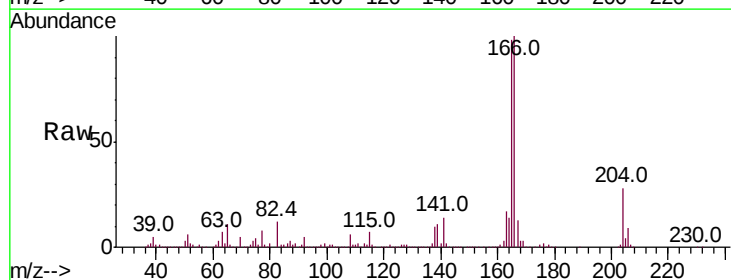
Instrument :
BNA_F
ClientSampled :

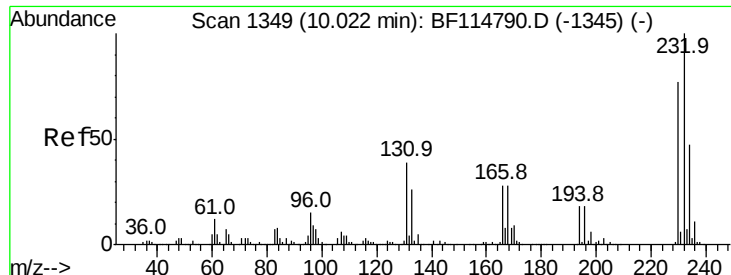
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.2	27.0	40.4
89	58.8	47.0	70.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 27.876 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	13.5	11.3	16.9

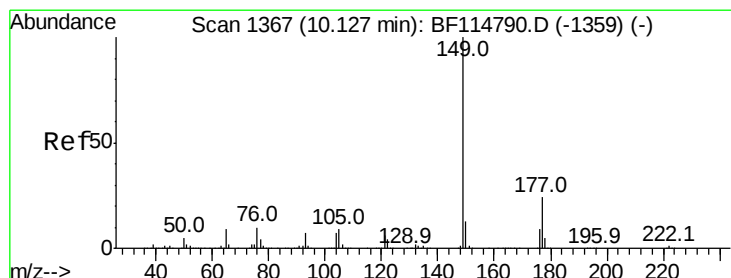
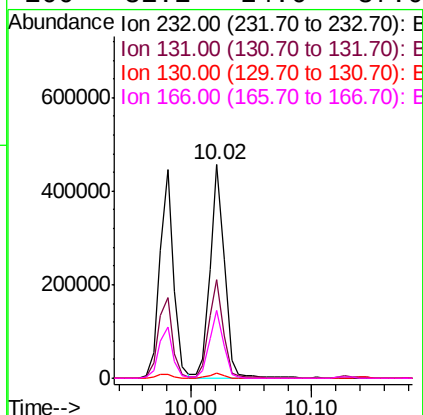
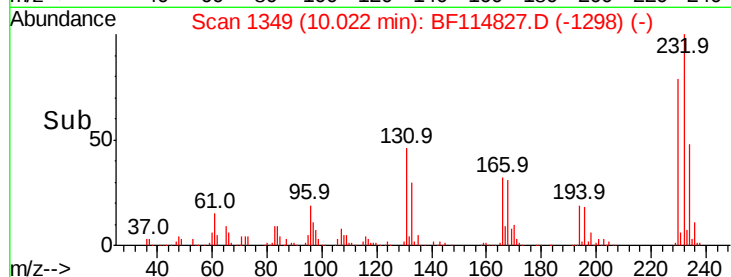
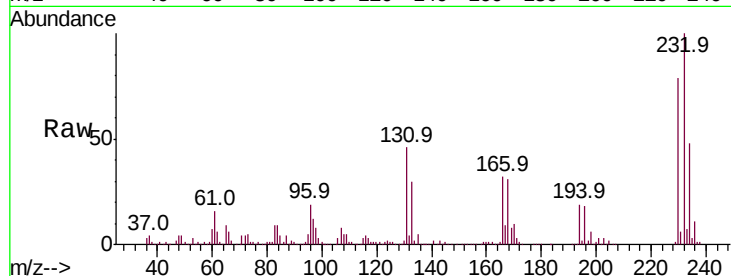




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 28.569 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF114827.D
 Acq: 5 Jun 2019 19:27

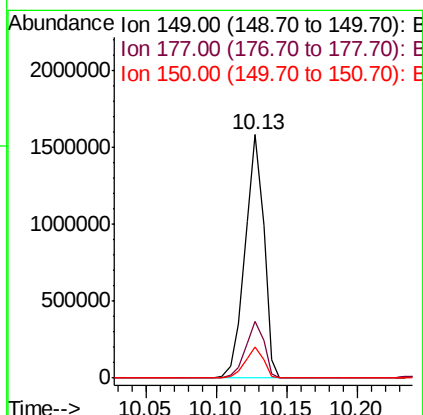
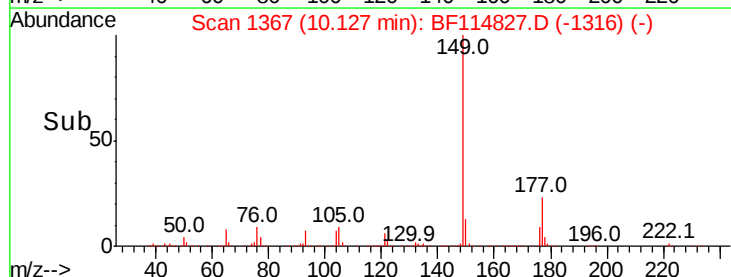
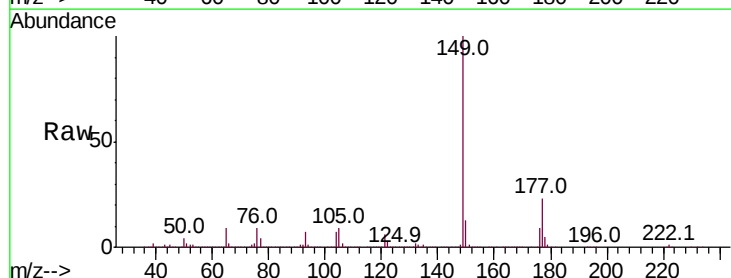
Instrument :
 BNA_F
 ClientSampleId :

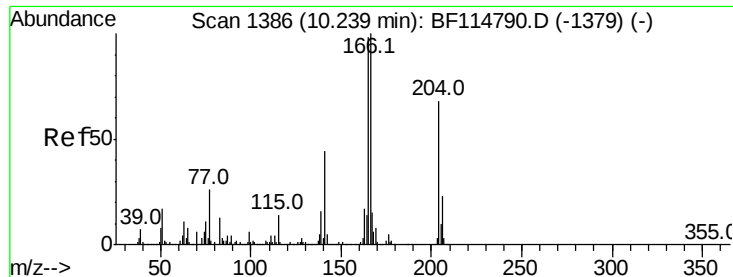
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.8	55.2
130	2.4	1.8	2.6
166	31.1	24.6	37.0



#60
 Diethylphthalate
 Concen: 28.327 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF114827.D
 Acq: 5 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.3	28.9
150	13.0	10.7	16.1

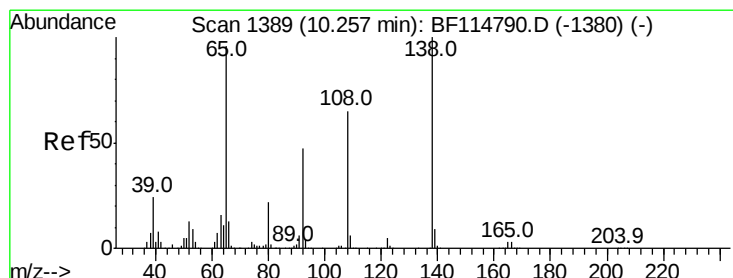
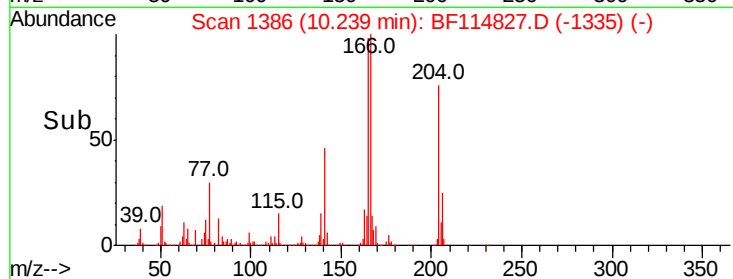
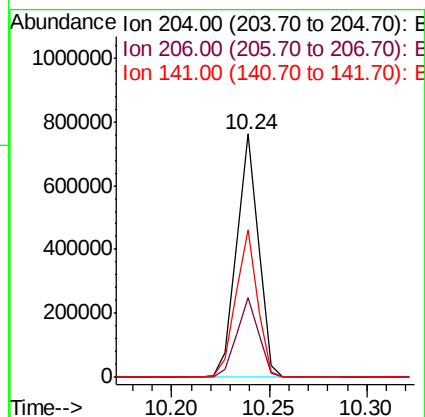
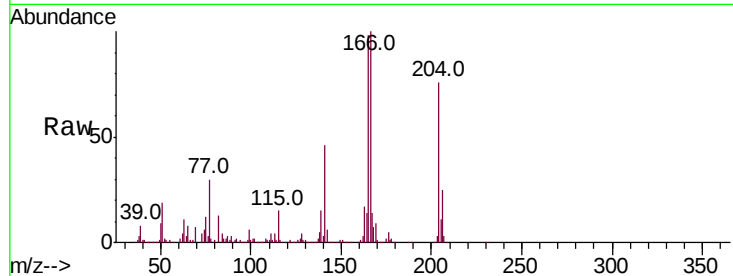




#61
4-Chlorophenyl-phenylether
Concen: 26.452 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

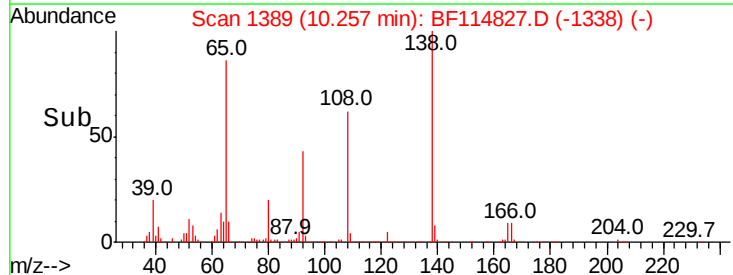
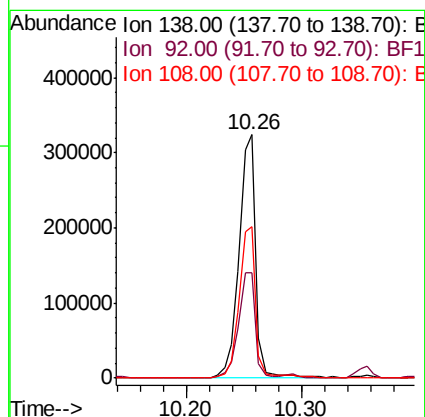
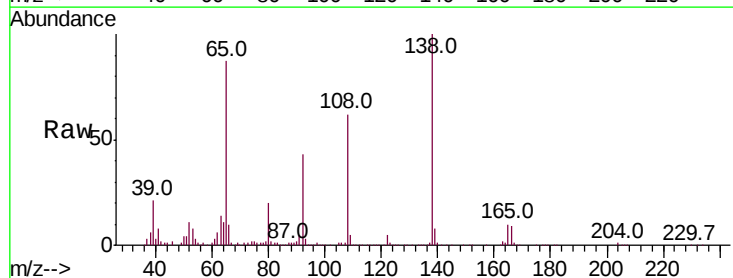
Instrument :
BNA_F
ClientSampled :

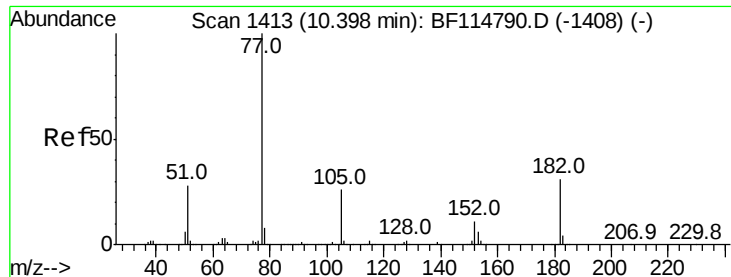
Tot Ion:204 Resp: 595721
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.7 51.0 76.4



#62
4-Nitroaniline
Concen: 23.720 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion:138 Resp: 326288
Ion Ratio Lower Upper
138 100
92 43.3 26.5 66.5
108 62.3 45.4 85.4

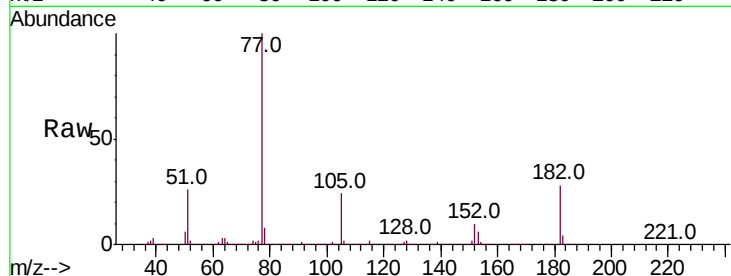




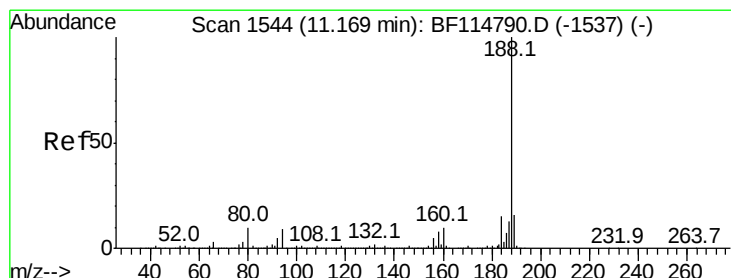
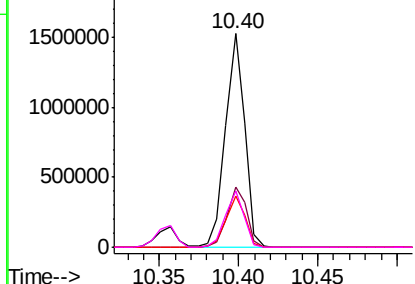
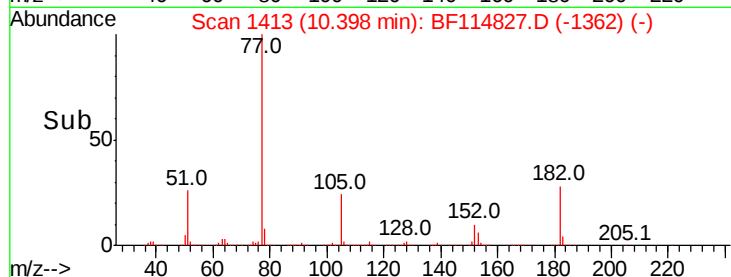
#63
Azobenzene
Concen: 28.971 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1277430
Ion Ratio Lower Upper
77 100
182 28.2 11.2 51.2
105 24.2 5.7 45.7
51 26.4 8.0 48.0

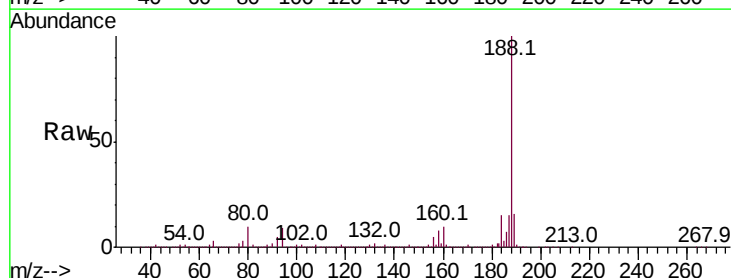


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

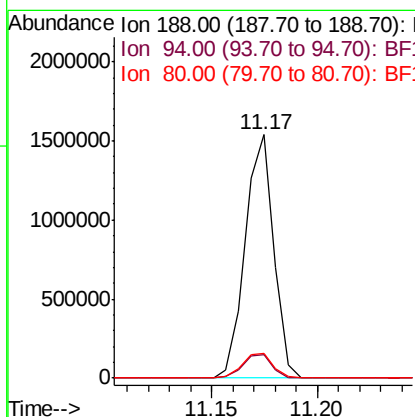
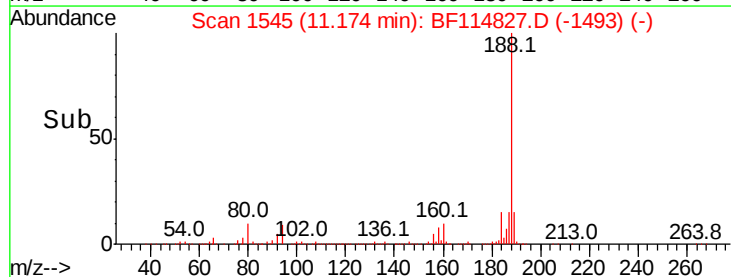


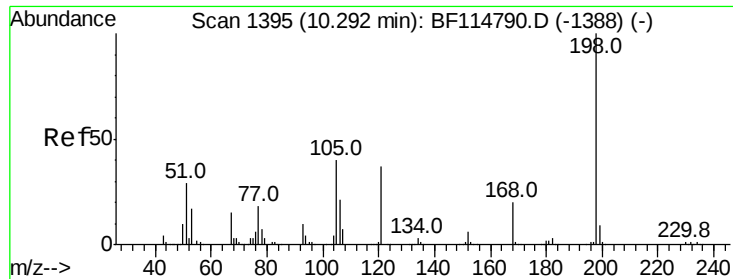
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion: 188 Resp: 1440338
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.1 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





#65

4,6-Dinitro-2-methylphenol

Concen: 21.146 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampled :

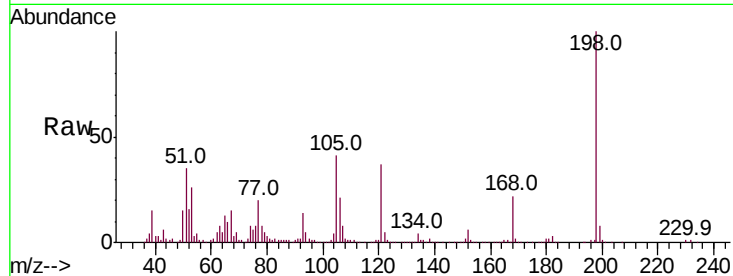
Tot Ion:198 Resp: 158211

Ion Ratio Lower Upper

198 100

51 34.5 14.9 54.9

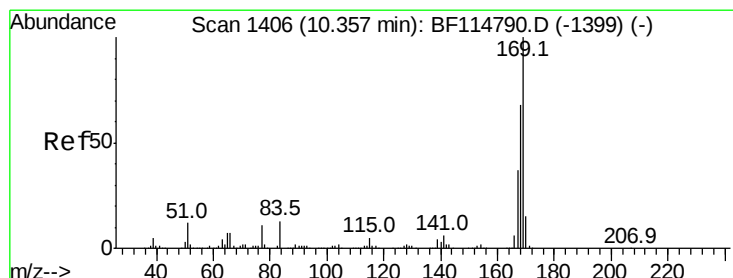
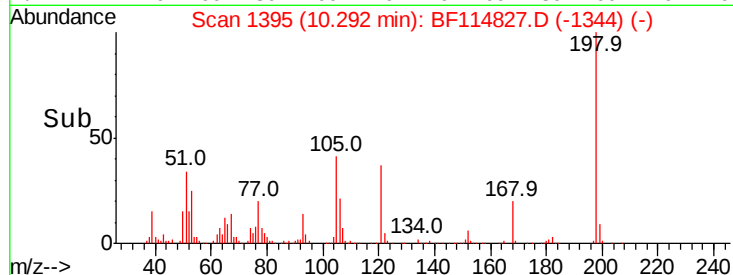
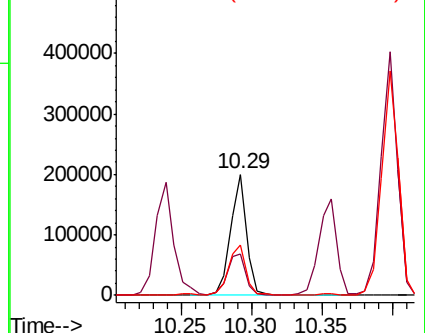
105 41.2 21.0 61.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 26.869 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

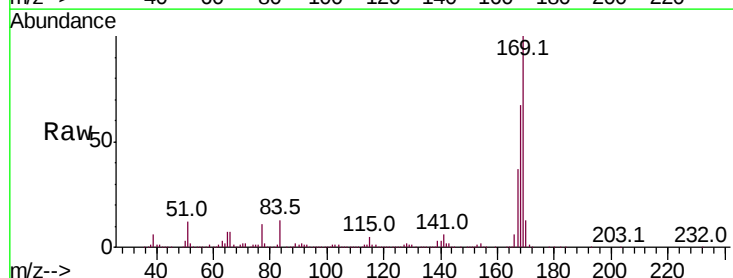
Tgt Ion:169 Resp: 1170235

Ion Ratio Lower Upper

169 100

168 66.5 54.3 81.5

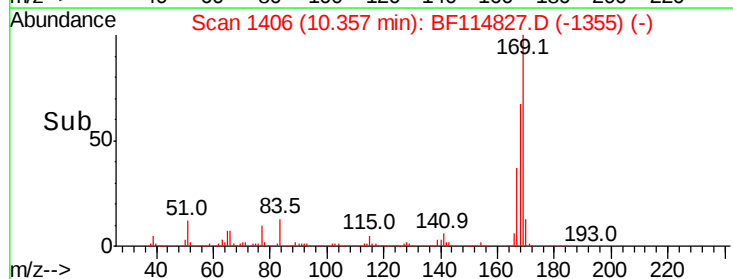
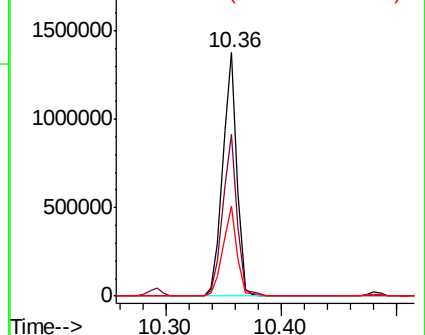
167 36.7 29.9 44.9

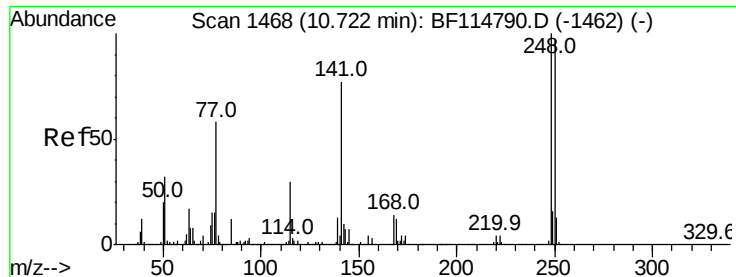


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

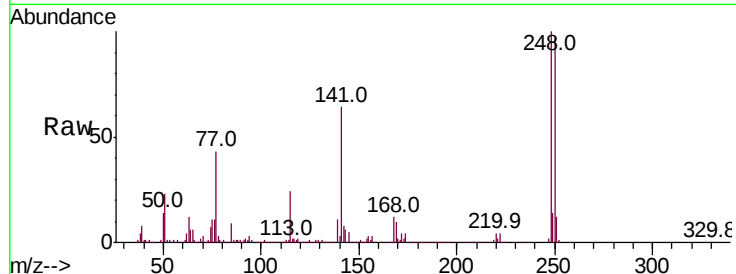




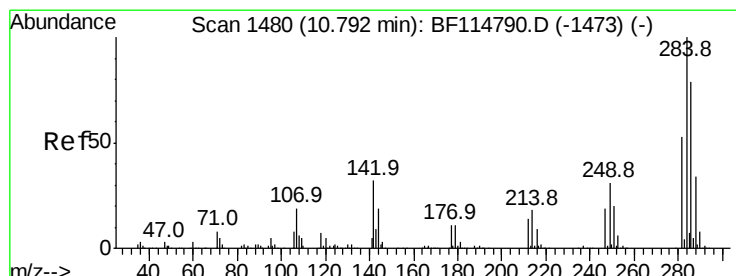
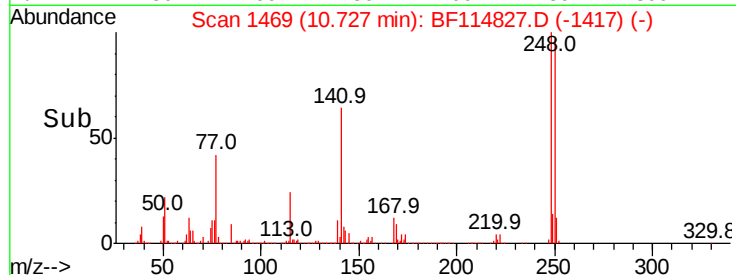
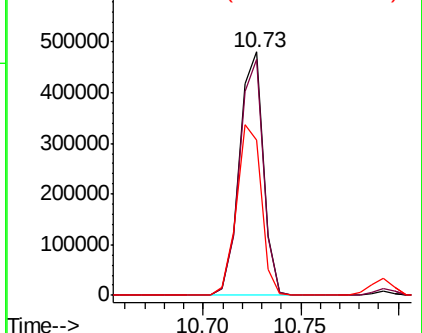
#67
4-Bromophenyl-phenylether
Concen: 24.983 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 408682
Ion Ratio Lower Upper
248 100
250 96.8 77.5 116.3
141 64.0 61.8 92.8

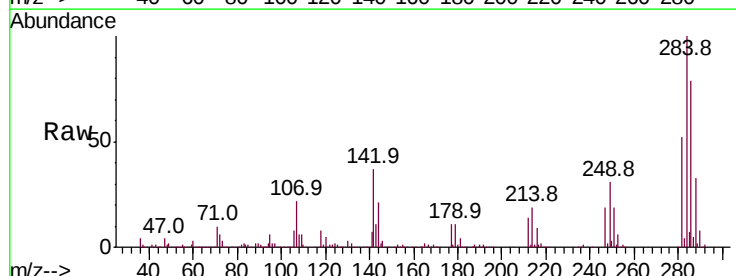


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

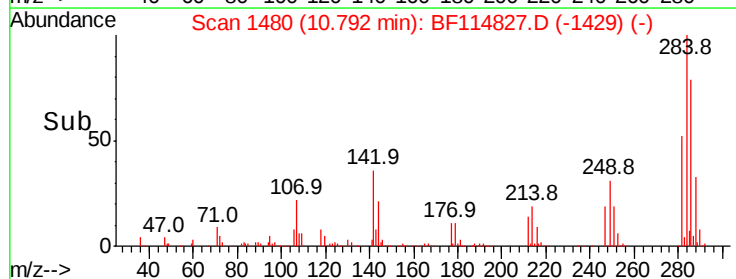
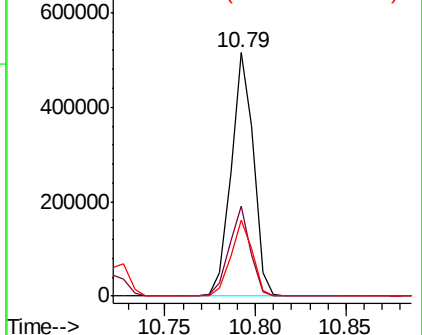


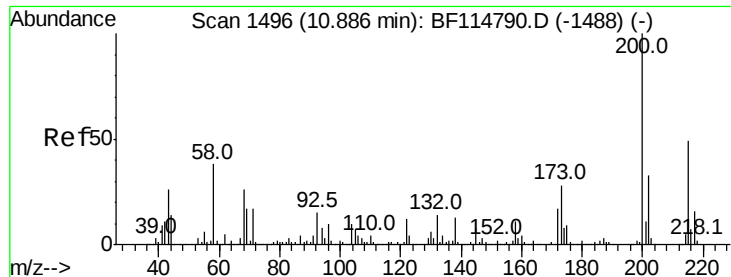
#68
Hexachlorobenzene
Concen: 24.549 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion:284 Resp: 439512
Ion Ratio Lower Upper
284 100
142 37.0 25.3 37.9
249 31.0 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

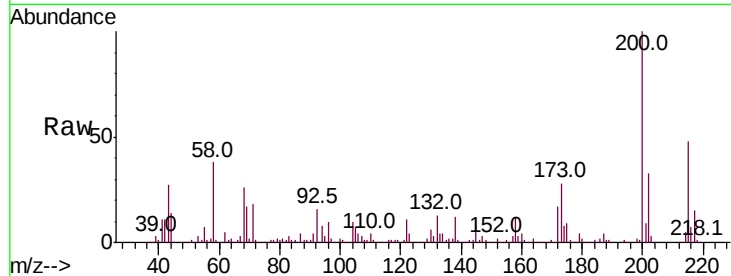




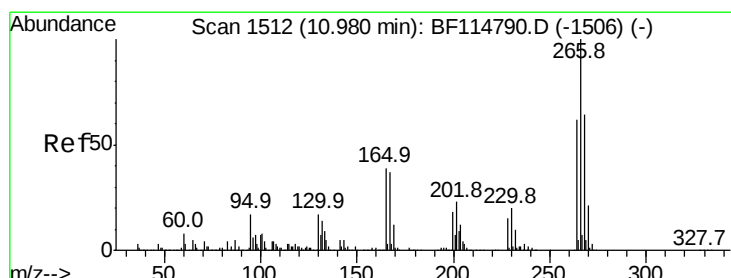
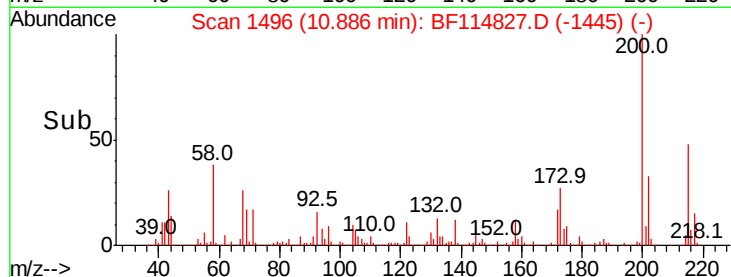
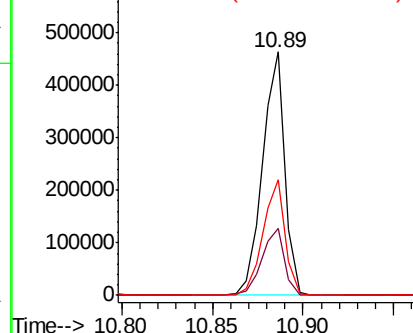
#69
Atrazine
Concen: 26.172 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.0	48.0
215	47.7	28.7	68.7

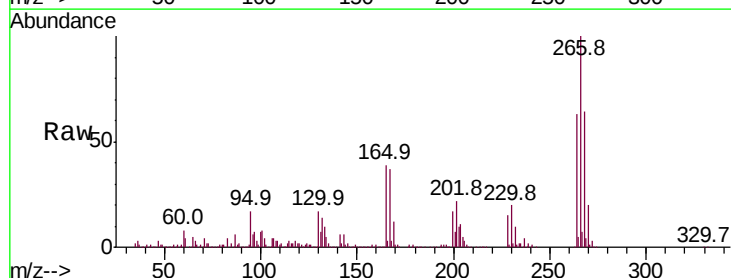


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

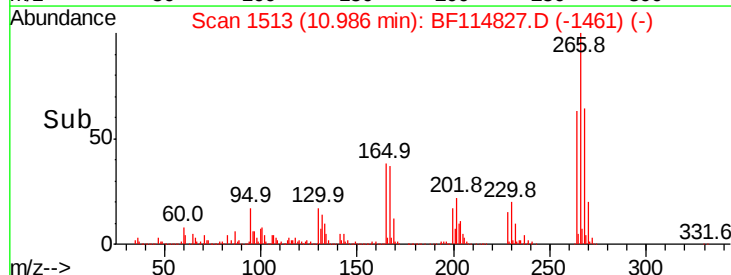
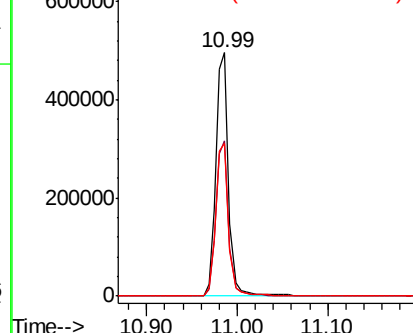


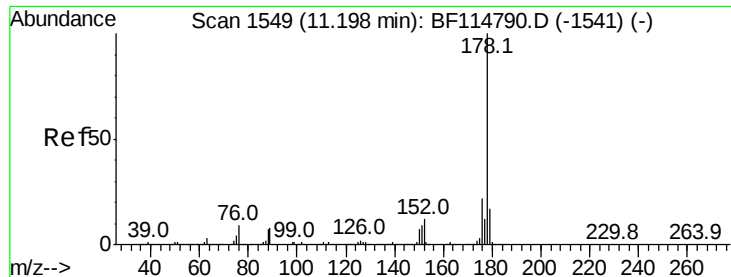
#70
Pentachlorophenol
Concen: 47.555 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	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

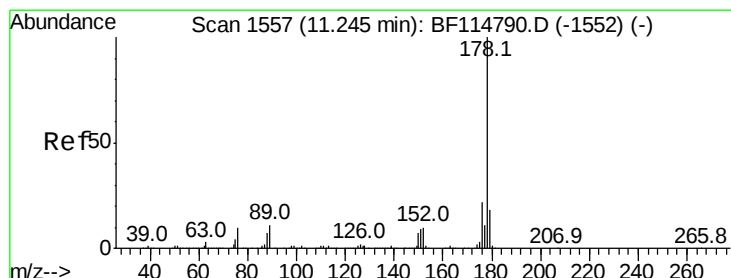
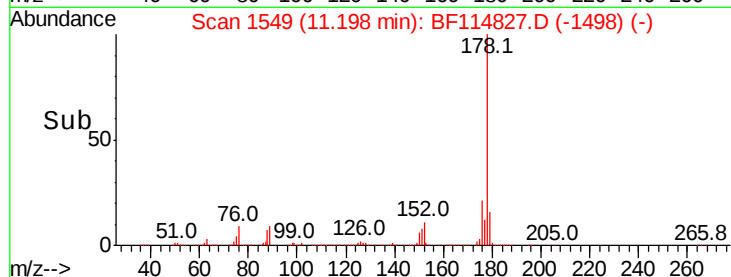
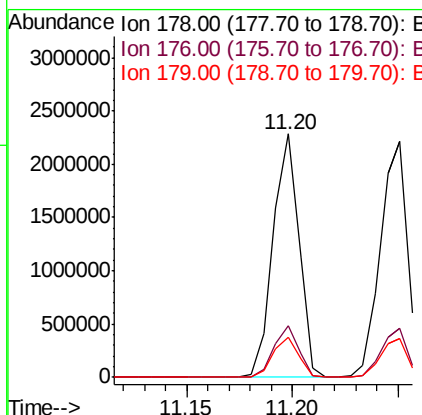
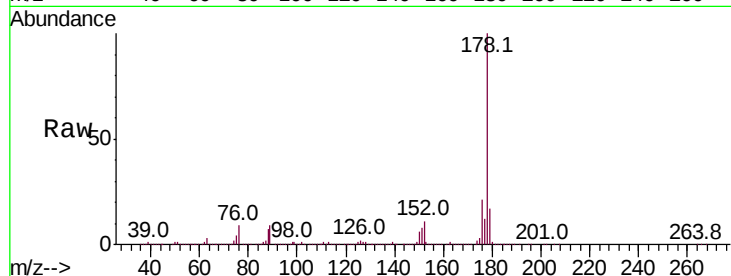




#71
Phenanthrene
Concen: 28.373 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

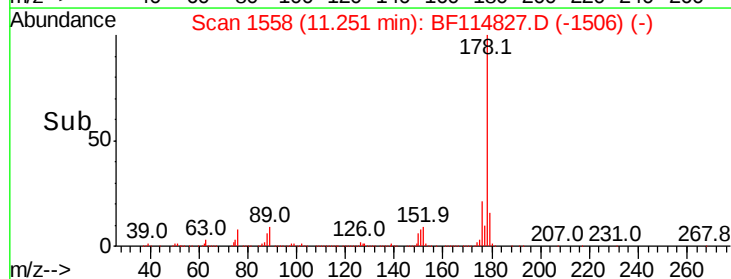
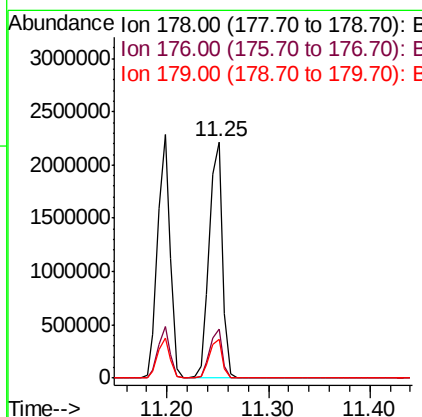
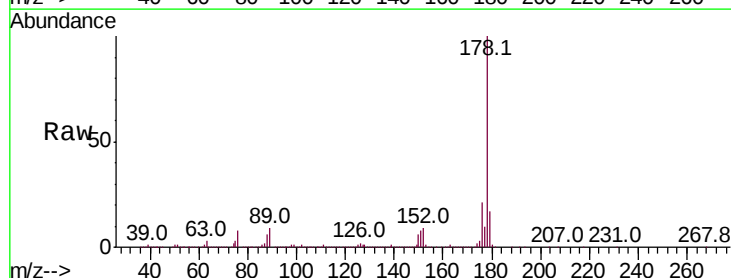
Instrument :
BNA_F
ClientSampleId :

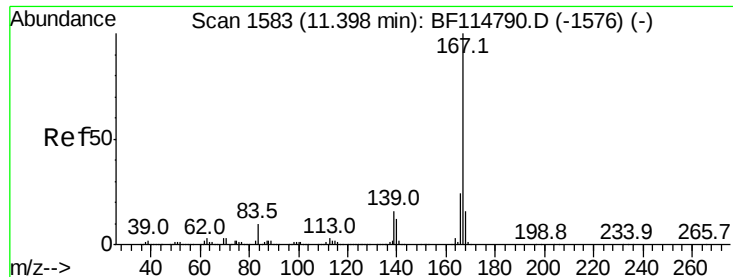
Tot Ion:178 Resp: 1950957
Ion Ratio Lower Upper
178 100
176 21.3 17.7 26.5
179 16.7 13.7 20.5



#72
Anthracene
Concen: 27.816 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion:178 Resp: 2012843
Ion Ratio Lower Upper
178 100
176 20.5 17.4 26.0
179 16.5 14.2 21.4





#73

Carbazole

Concen: 28.869 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampled :

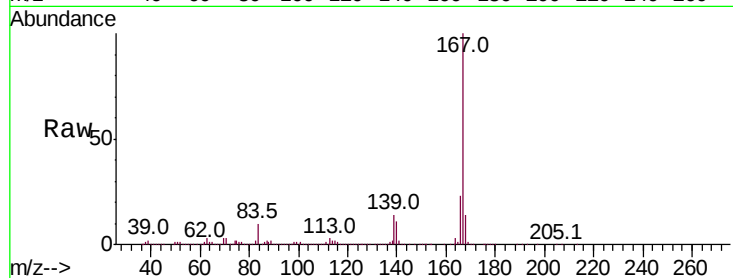
Tot Ion:167 Resp: 1790845

Ion Ratio Lower Upper

167 100

166 22.7 19.1 28.7

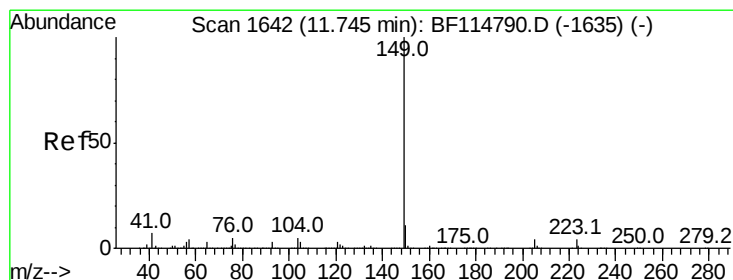
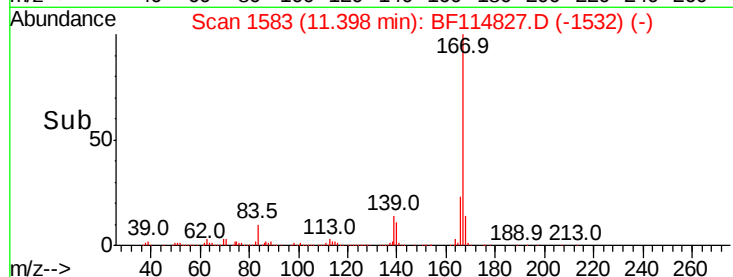
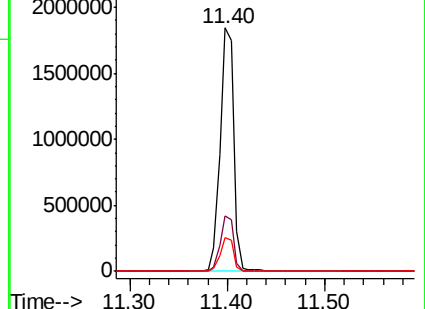
139 14.1 12.4 18.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 29.005 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

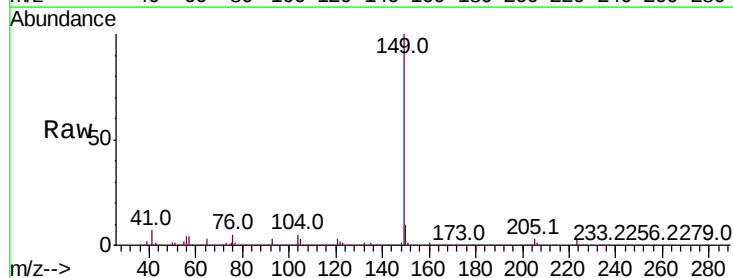
Tgt Ion:149 Resp: 2366549

Ion Ratio Lower Upper

149 100

150 10.4 8.9 13.3

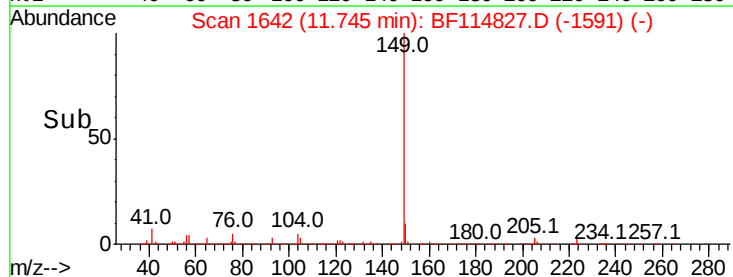
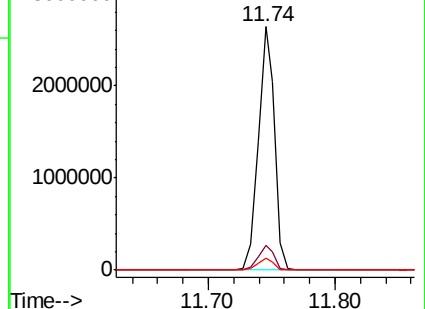
104 5.1 4.3 6.5

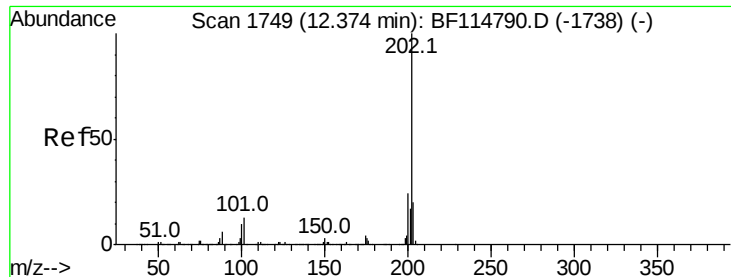


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 29.262 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

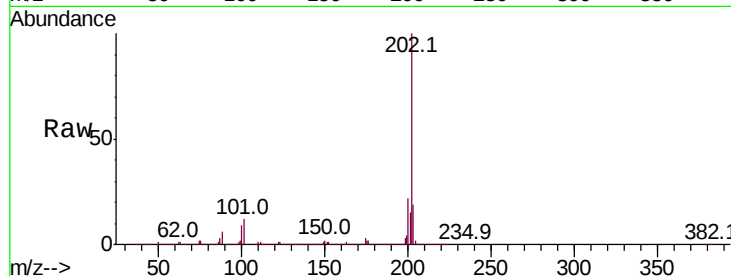
Tot Ion:202 Resp: 2094176

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.8

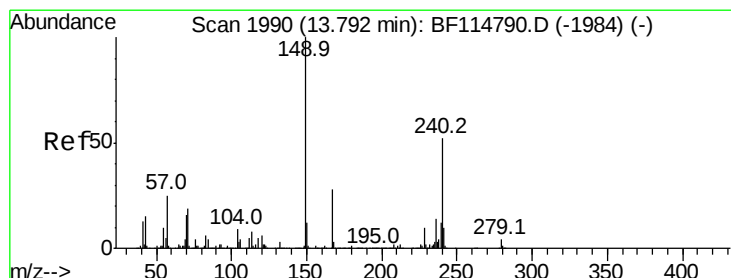
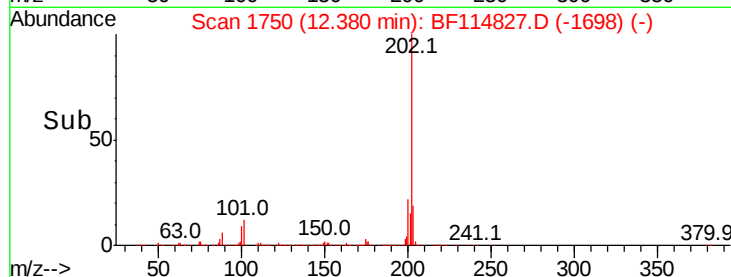
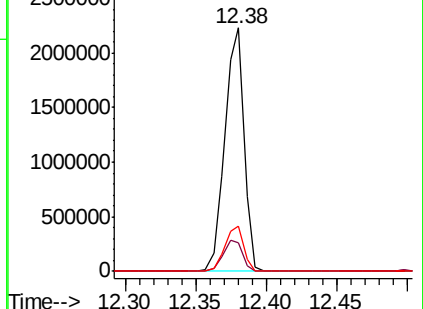
203 18.7 0.2 40.2



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# 1991

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

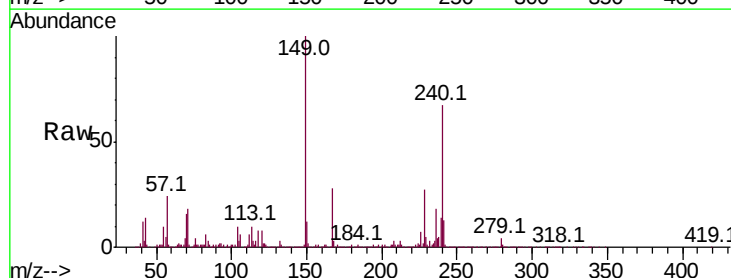
Tgt Ion:240 Resp: 874654

Ion Ratio Lower Upper

240 100

120 12.5 9.0 13.4

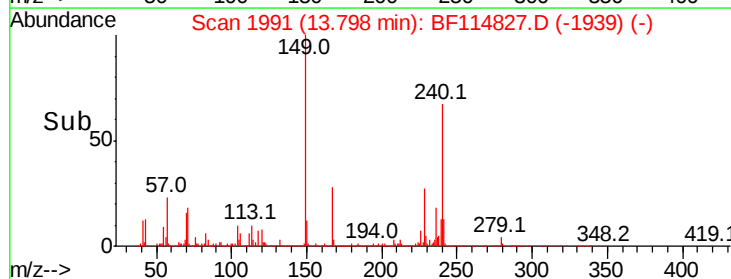
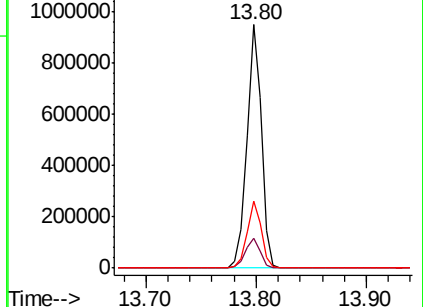
236 27.3 21.4 32.0

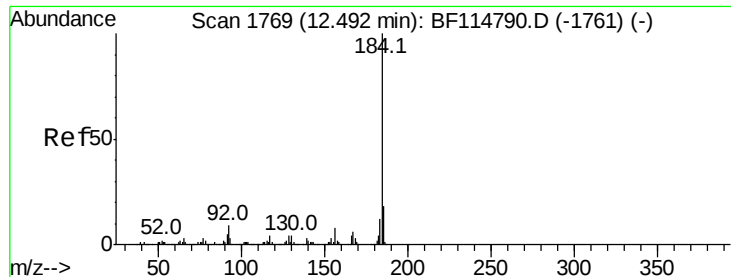


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.051 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

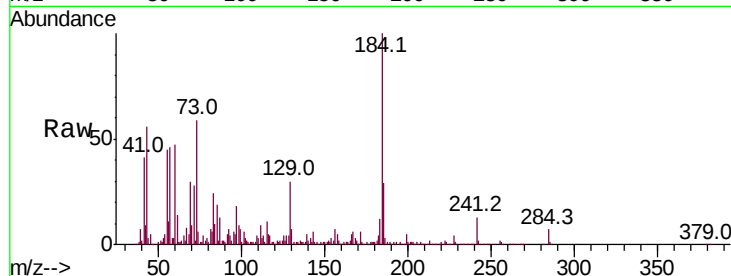
Tot Ion:184 Resp: 175428

Ion Ratio Lower Upper

184 100

185 28.6 14.1 21.1#

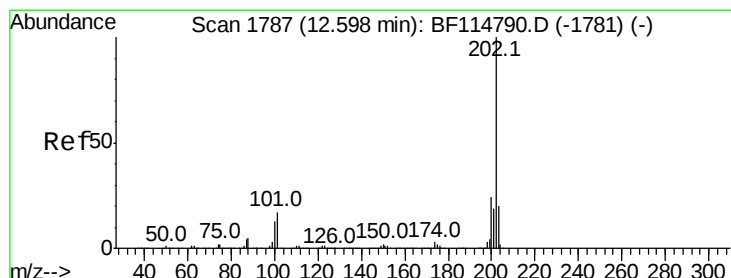
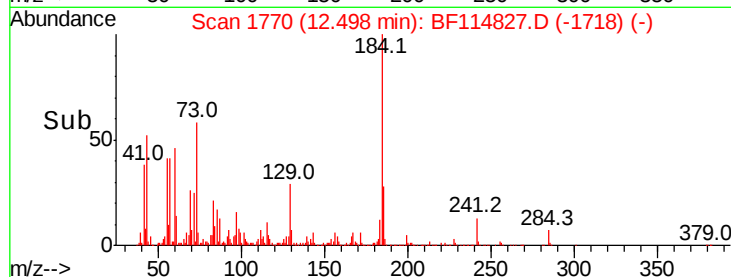
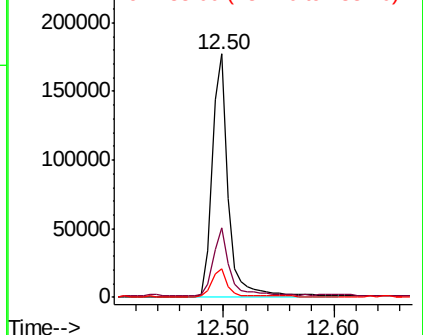
183 11.8 9.9 14.9



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: 27.629 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

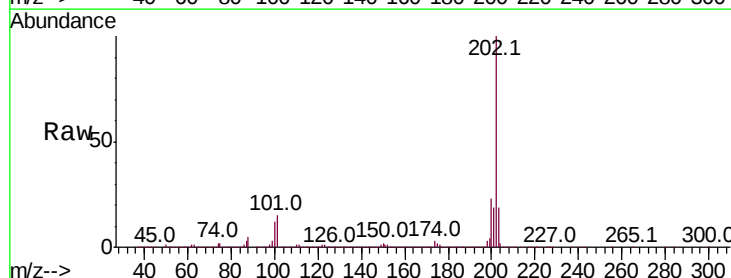
Tgt Ion:202 Resp: 2096372

Ion Ratio Lower Upper

202 100

200 23.0 19.2 28.8

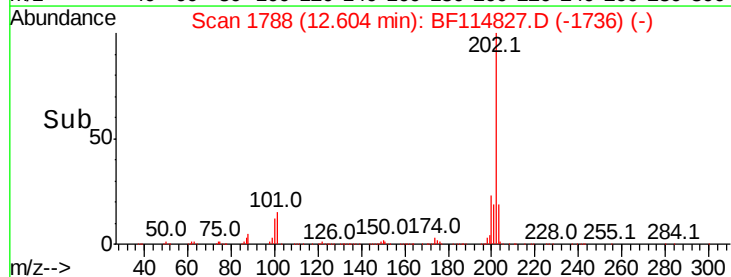
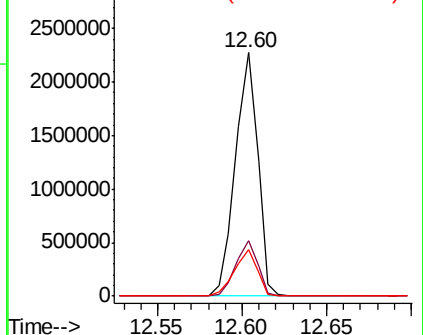
203 18.9 15.9 23.9

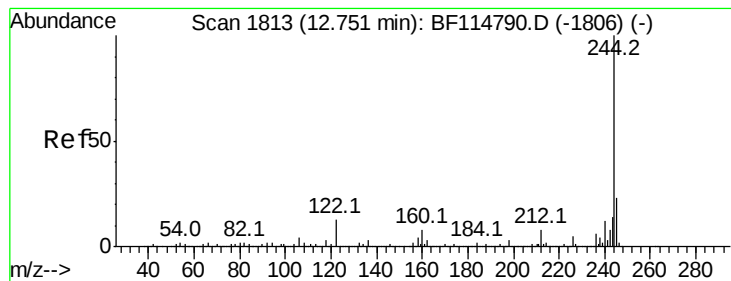


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.684 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

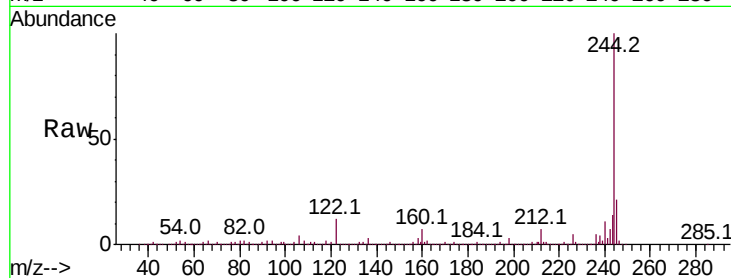
Tot Ion:244 Resp: 2684275

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	11.8	10.5	15.7

244 100

212 7.3 6.5 9.7

122 11.8 10.5 15.7

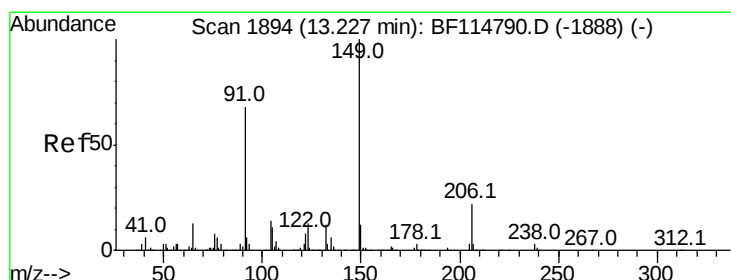
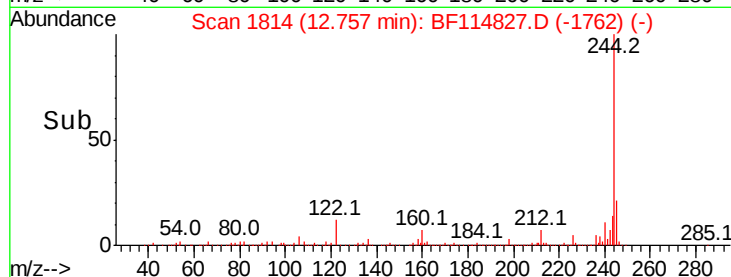
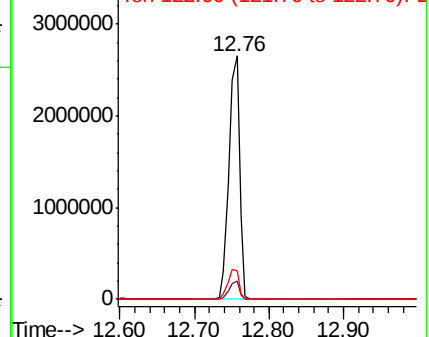


Abundance

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: 27.826 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

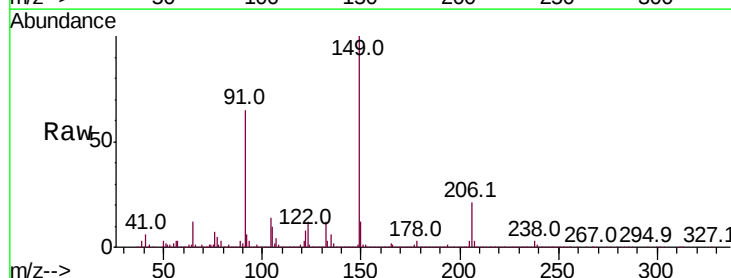
Tgt Ion:149 Resp: 1066183

Ion	Ratio	Lower	Upper
149	100		
91	64.6	54.6	82.0
206	20.7	17.2	25.8

149 100

91 64.6 54.6 82.0

206 20.7 17.2 25.8

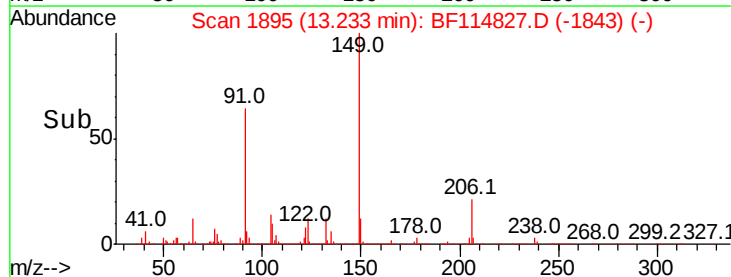
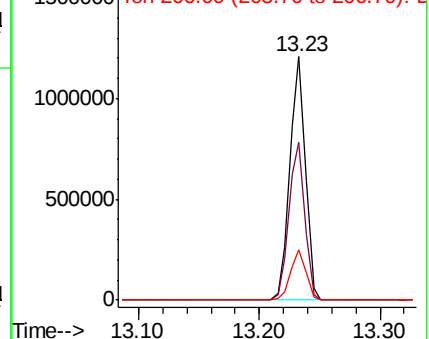


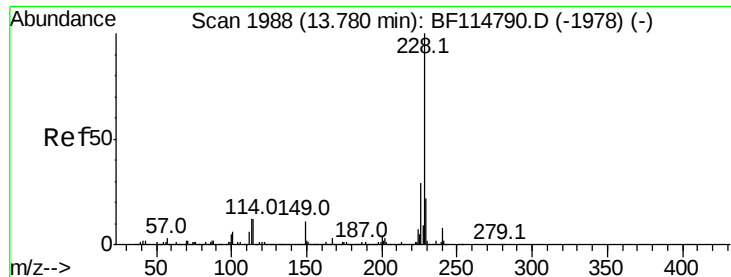
Abundance

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: 24.966 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

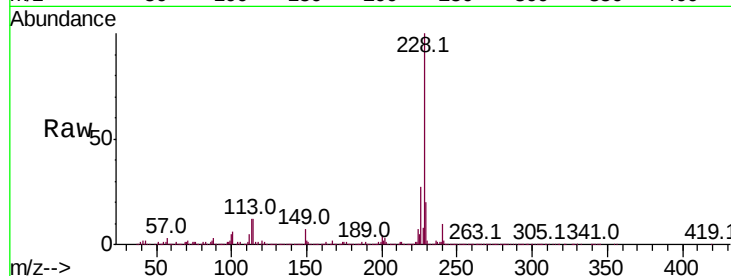
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1682741

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.2
229	20.4	17.4	26.0

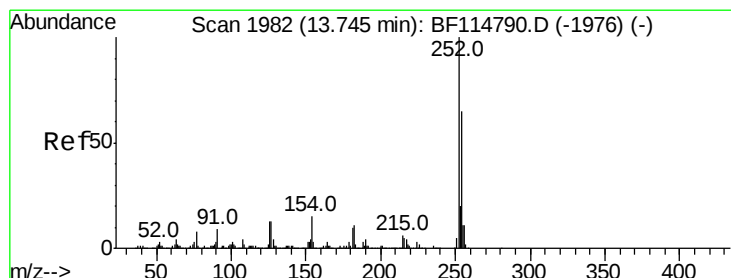
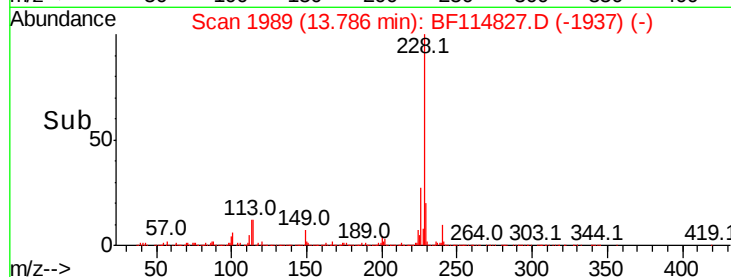
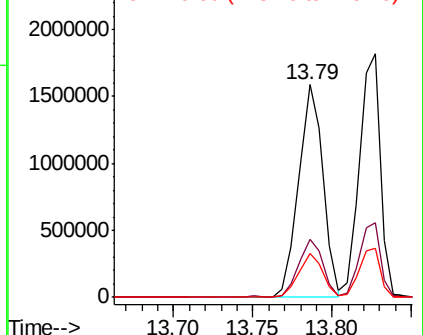


Abundance

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: 19.170 ng

RT: 13.75 min Scan# 1983

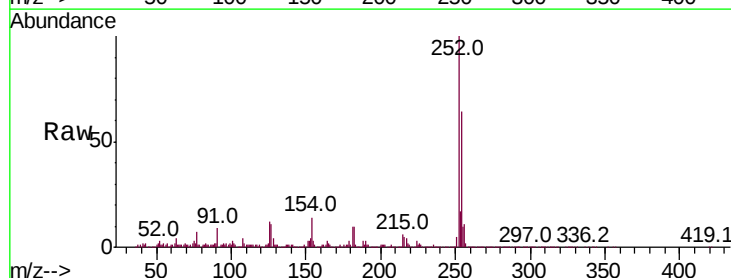
Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Tgt Ion:252 Resp: 523933

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.9	77.9
126	12.4	10.5	15.7

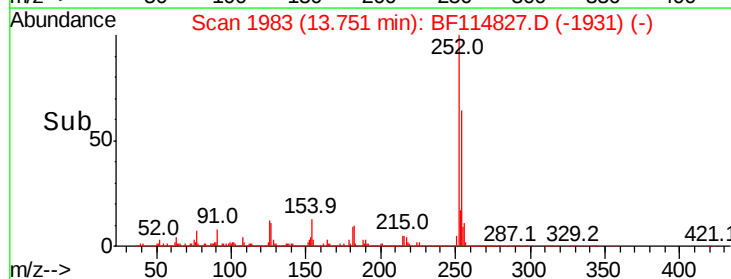
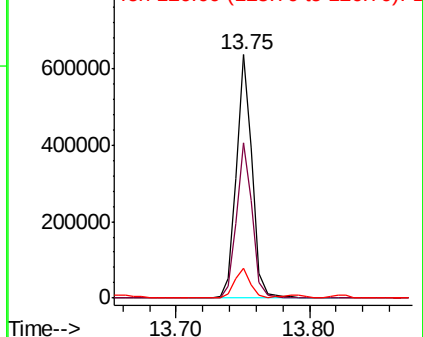


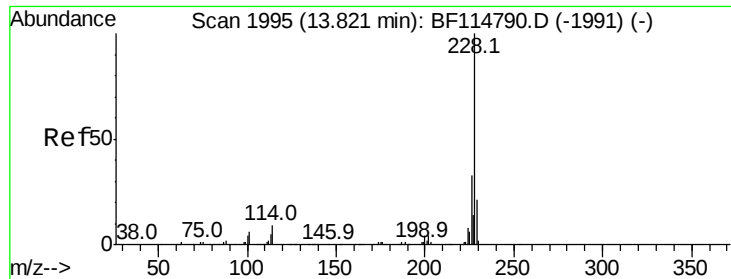
Abundance

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: 25.473 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

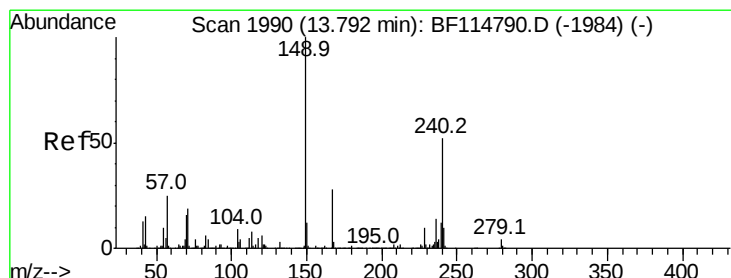
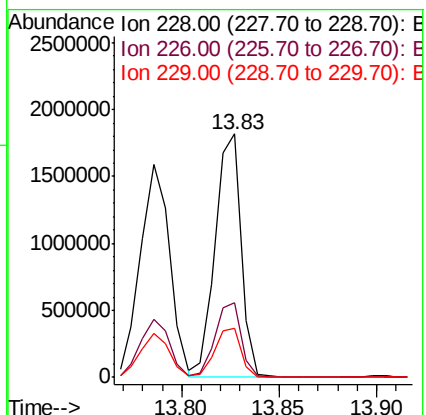
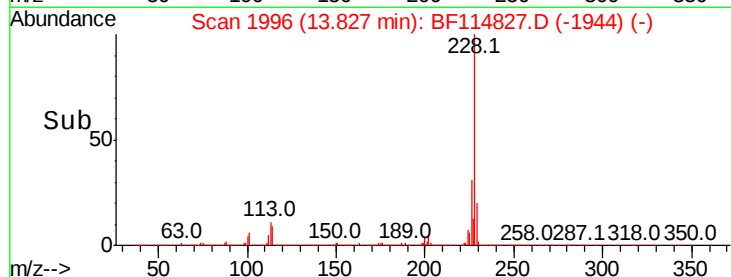
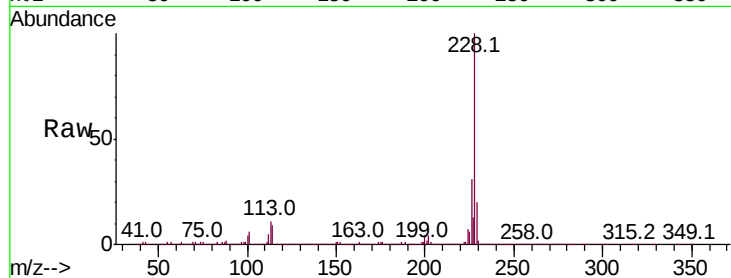
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1670219

Ion	Ratio	Lower	Upper
228	100		
226	30.9	26.0	39.0
229	20.3	17.1	25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.483 ng

RT: 13.80 min Scan# 1991

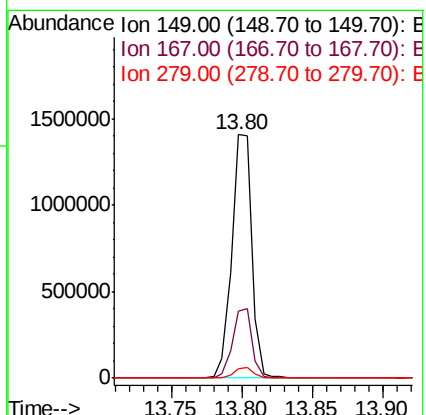
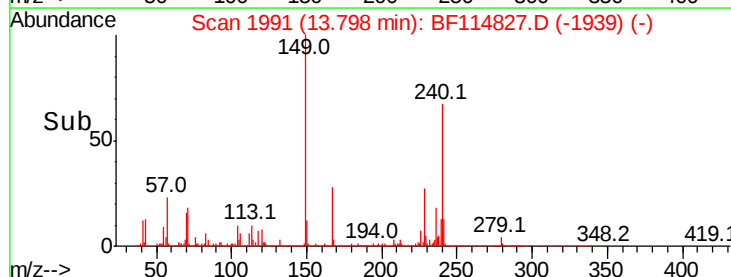
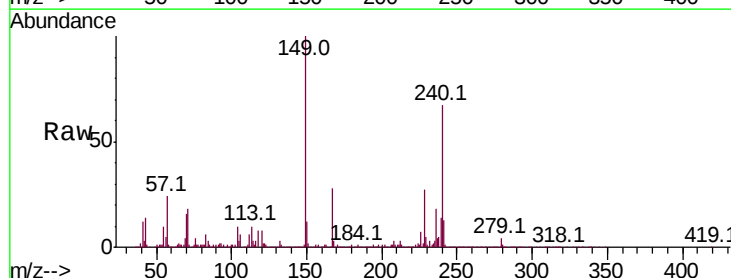
Delta R.T. 0.01 min

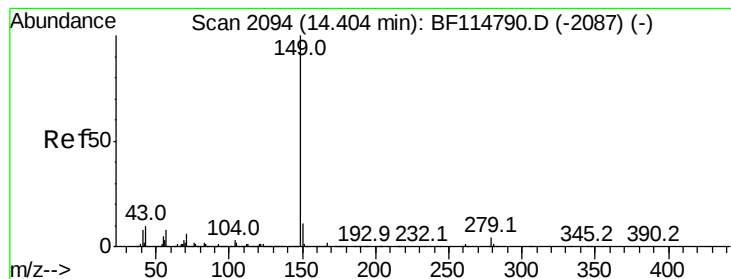
Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Tgt Ion:149 Resp: 1380030

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.7	34.1
279	3.6	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 29.118 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.02 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

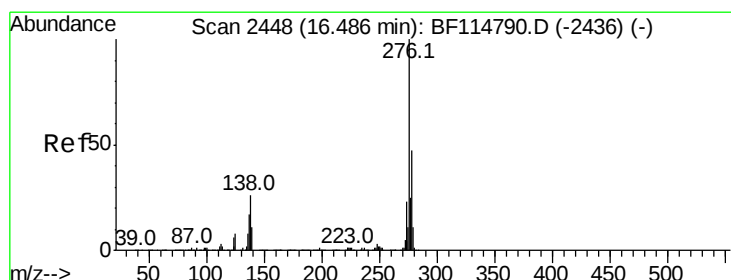
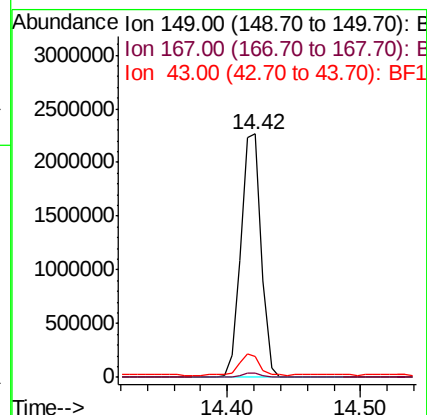
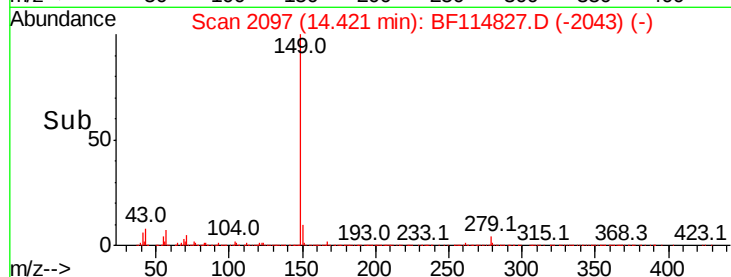
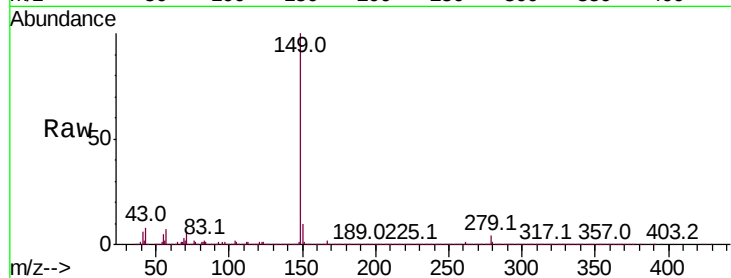
Tot Ion:149 Resp: 2397149

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.2 7.0 10.6



#86

Indeno(1,2,3-cd)pyrene

Concen: 22.477 ng

RT: 16.52 min Scan# 2453

Delta R.T. 0.03 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

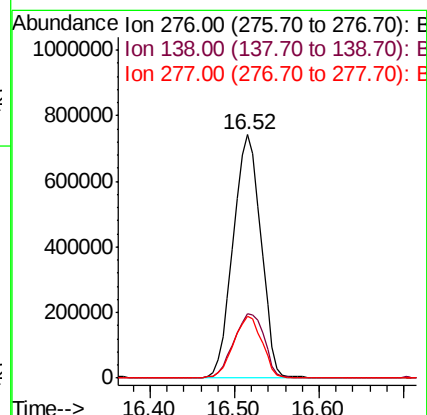
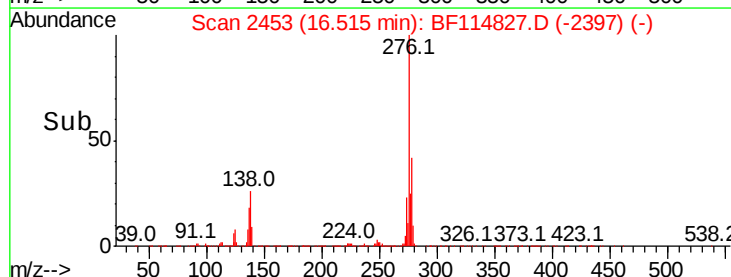
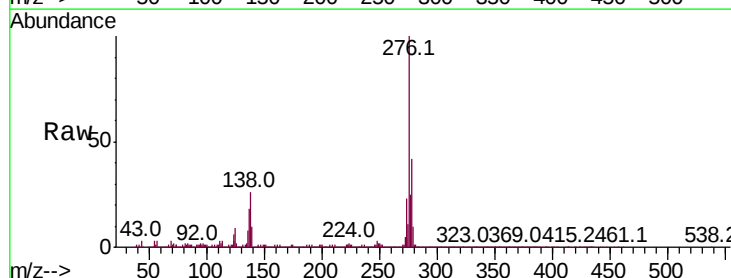
Tgt Ion:276 Resp: 1681580

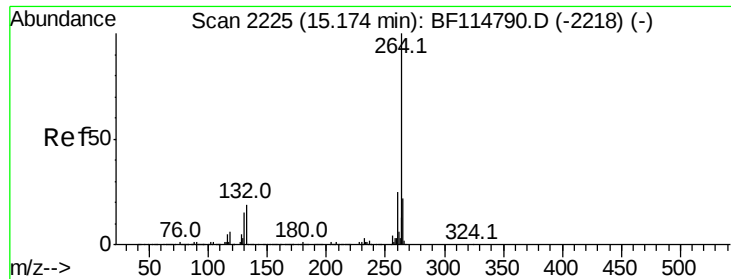
Ion Ratio Lower Upper

276 100

138 28.7 22.2 33.4

277 25.8 20.6 30.8

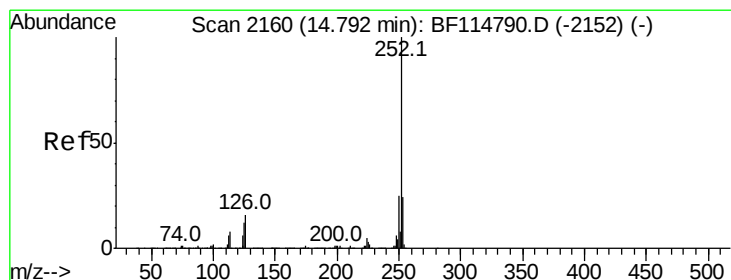
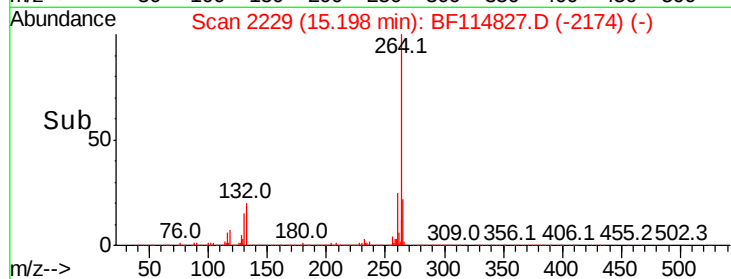
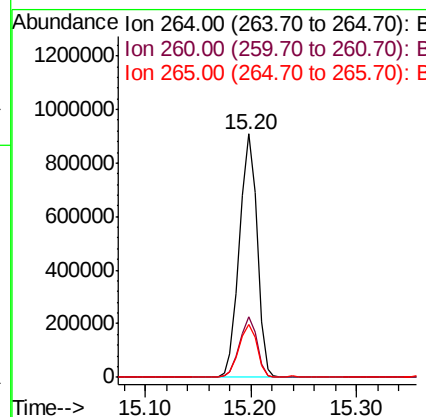
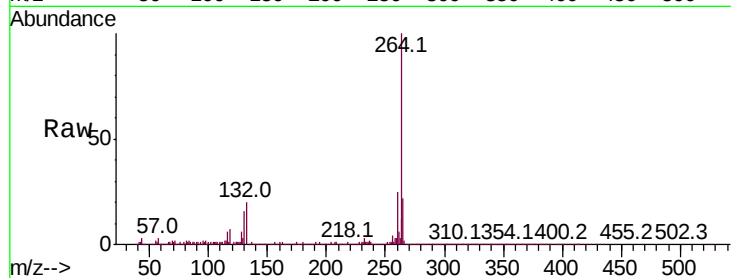




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.02 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

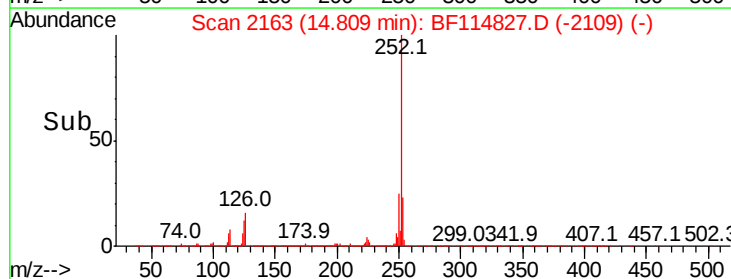
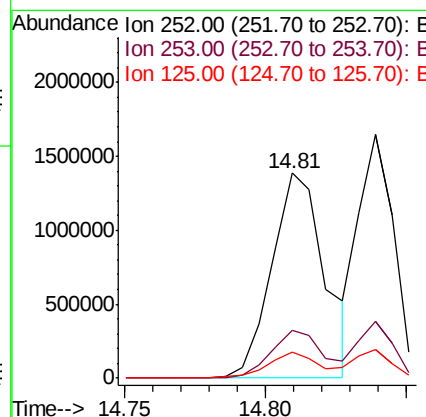
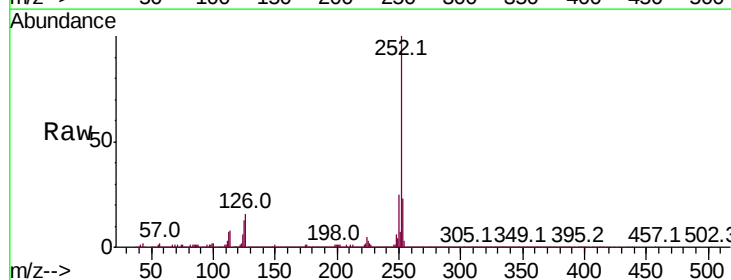
Instrument :
BNA_F
ClientSampleId :

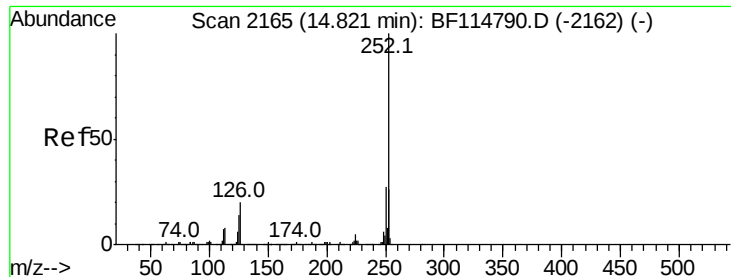
Tot Ion:264 Resp: 1040226
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 22.0 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 27.224 ng
RT: 14.81 min Scan# 2163
Delta R.T. 0.02 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion:252 Resp: 1802807
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.6
125 12.6 9.4 14.0

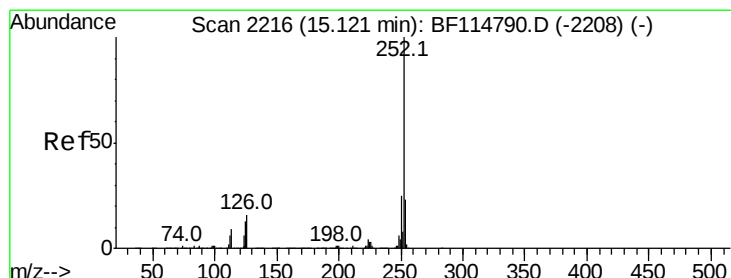
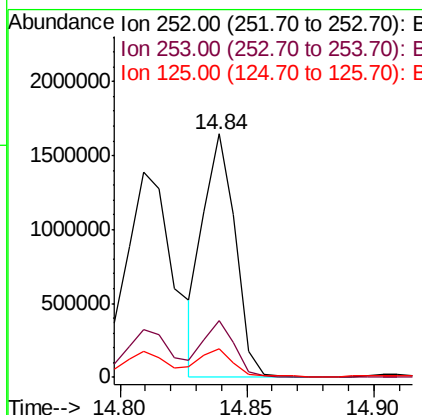
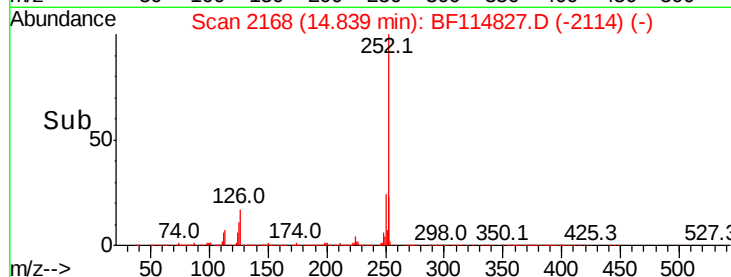
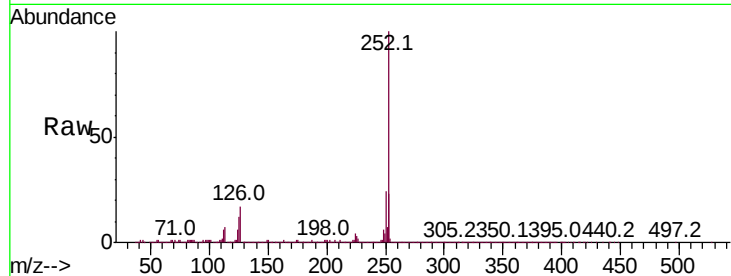




#89
Benzo(k)fluoranthene
Concen: 25.502 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

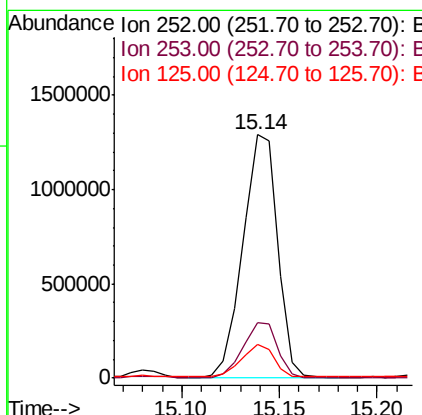
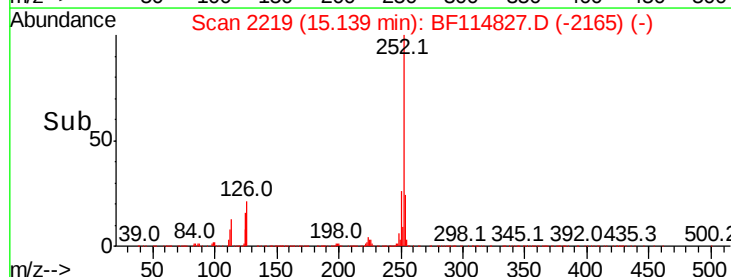
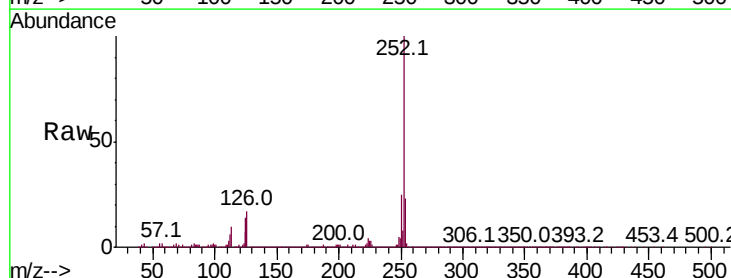
Instrument :
BNA_F
ClientSampleId :

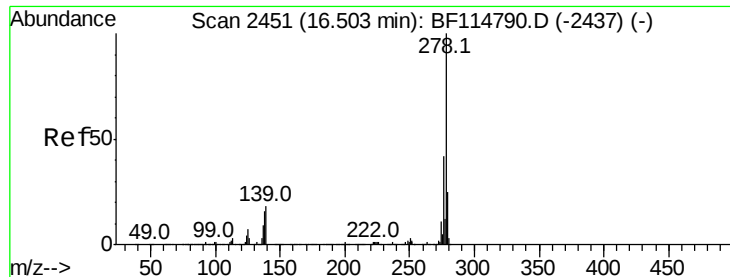
Tot Ion:252 Resp: 1434142
Ion Ratio Lower Upper
252 100
253 23.1 19.3 28.9
125 11.7 10.1 15.1



#90
Benzo(a)pyrene
Concen: 27.688 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF114827.D
Acq: 5 Jun 2019 19:27

Tgt Ion:252 Resp: 1587031
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 13.6 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 26.010 ng

RT: 16.53 min Scan# 2456

Delta R.T. 0.03 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

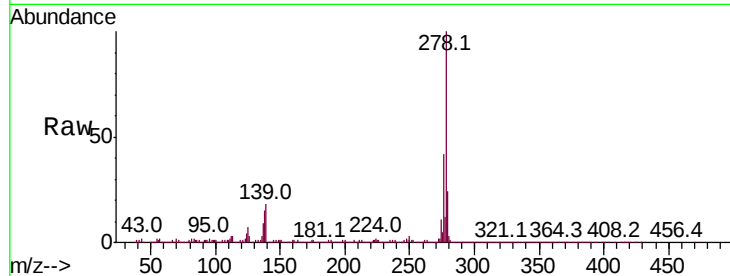
Tot Ion:278 Resp: 1411863

Ion Ratio Lower Upper

278 100

139 18.0 14.6 22.0

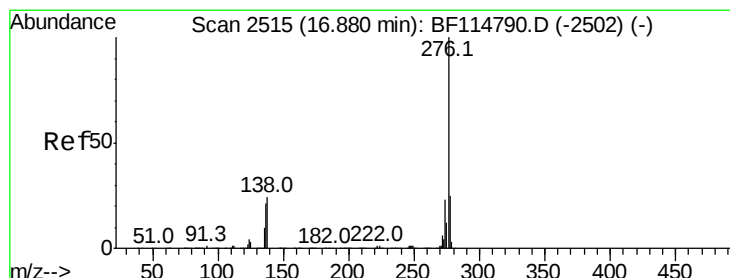
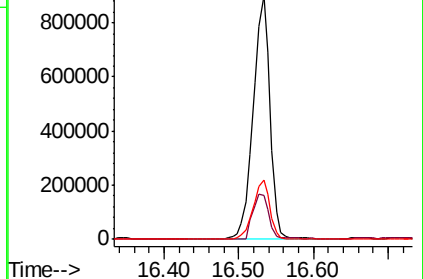
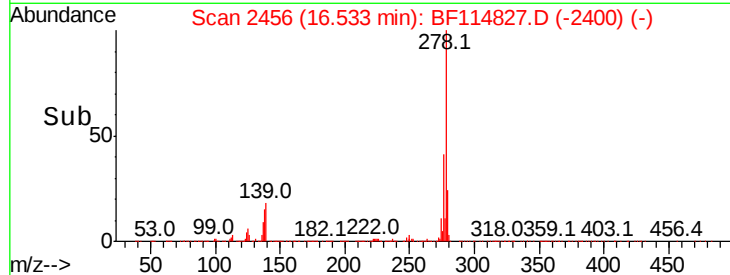
279 24.1 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 24.370 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.03 min

Lab File: BF114827.D

Acq: 5 Jun 2019 19:27

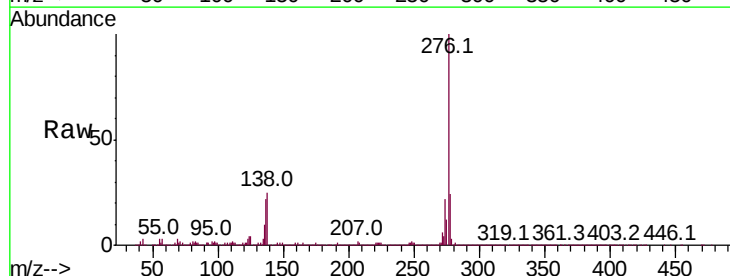
Tgt Ion:276 Resp: 1330246

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.6

138 25.2 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

