

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117827.D
 Acq On : 18 Nov 2019 11:25
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 12:46:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	314073	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1168522	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	593454	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1102926	20.00	ng	0.00
76) Chrysene-d12	14.12	240	705452	20.00	ng	0.00
87) Perylene-d12	15.62	264	673441	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1361333	76.72	ng	0.00
7) Phenol-d6	6.55	99	1648056	77.01	ng	0.00
23) Nitrobenzene-d5	7.49	82	1597798	81.28	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	503025	80.06	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2782803	84.13	ng	0.00
79) Terphenyl-d14	13.06	244	2886400	74.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	314790	37.955	ng	99
3) Pyridine	3.48	79	847030	38.933	ng	99
4) n-Nitrosodimethylamine	3.43	42	360397	37.948	ng	96
6) Aniline	6.59	93	1110222	39.257	ng	99
8) 2-Chlorophenol	6.70	128	763300	39.646	ng	97
9) Benzaldehyde	6.47	77	527130	37.358	ng	96
10) Phenol	6.56	94	883411	39.724	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	690000	38.637	ng	98
12) 1,3-Dichlorobenzene	6.86	146	890722	39.297	ng	98
13) 1,4-Dichlorobenzene	6.94	146	903424	39.432	ng	99
14) 1,2-Dichlorobenzene	7.10	146	857610	39.139	ng	98
15) Benzyl Alcohol	7.06	79	673675	40.773	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1052445	38.277	ng	99
17) 2-Methylphenol	7.17	107	636816	39.058	ng	99
18) Hexachloroethane	7.44	117	332297	39.481	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	505909	38.318	ng	98
20) 3+4-Methylphenols	7.32	107	780372	38.558	ng	94
22) Acetophenone	7.33	105	1032729	39.337	ng	97
24) Nitrobenzene	7.50	77	815263	40.203	ng	96
25) Isophorone	7.75	82	1369205	38.004	ng	96
26) 2-Nitrophenol	7.82	139	413308	41.874	ng	96
27) 2,4-Dimethylphenol	7.85	122	592850	38.654	ng	96
28) bis(2-Chloroethoxy)methane	7.96	93	890365	38.944	ng	100
29) 2,4-Dichlorophenol	8.06	162	651590	39.167	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	763000	39.539	ng	98
31) Naphthalene	8.23	128	2144659	39.369	ng	99
32) Benzoic acid	7.95	122	207910	16.190	ng	99
33) 4-Chloroaniline	8.27	127	967784	39.683	ng	99
34) Hexachlorobutadiene	8.35	225	448686	39.769	ng	99
35) Caprolactam	8.65	113	204434	38.665	ng	89
36) 4-Chloro-3-methylphenol	8.75	107	665864	39.438	ng	96
37) 2-Methylnaphthalene	8.93	142	1437046	39.043	ng	99
38) 1-Methylnaphthalene	9.03	142	1362372	39.151	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	687285	39.878	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	375123	38.840	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	502146	40.678	ng	96
44) 2,4,5-Trichlorophenol	9.24	196	505731	39.458	ng	97
46) 1,1'-Biphenyl	9.39	154	1753881	39.835	ng	98
47) 2-Chloronaphthalene	9.42	162	1444420	39.879	ng	99
48) 2-Nitroaniline	9.51	65	448349	41.001	ng	93
49) Acenaphthylene	9.83	152	2114253	40.037	ng	99
50) Dimethylphthalate	9.69	163	1629056	39.145	ng	99
51) 2,6-Dinitrotoluene	9.75	165	374113	41.133	ng	94
52) Acenaphthene	10.01	154	1329858	39.312	ng	99
53) 3-Nitroaniline	9.92	138	447868	41.153	ng	98
54) 2,4-Dinitrophenol	10.02	184	146734	35.788	ng	# 84
55) Dibenzofuran	10.18	168	1852206	39.540	ng	100
56) 4-Nitrophenol	10.07	139	336134	41.378	ng	98
57) 2,4-Dinitrotoluene	10.16	165	484106	41.843	ng	93
58) Fluorene	10.52	166	1418670	39.081	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	414312	39.342	ng	99
60) Diethylphthalate	10.39	149	1577155	38.873	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	726671	39.446	ng	97
62) 4-Nitroaniline	10.54	138	449984	41.295	ng	98
63) Azobenzene	10.67	77	1449509	39.270	ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	208377	40.471	ng	84
66) n-Nitrosodiphenylamine	10.63	169	1260394	39.267	ng	99
67) 4-Bromophenyl-phenylether	11.00	248	471339	39.607	ng	92
68) Hexachlorobenzene	11.07	284	548279	39.511	ng	97
69) Atrazine	11.16	200	409231	38.757	ng	97
70) Pentachlorophenol	11.26	266	317465	39.159	ng	100
71) Phenanthrene	11.49	178	2142404	38.636	ng	100
72) Anthracene	11.54	178	2130847	38.758	ng	100
73) Carbazole	11.69	167	1952962	40.650	ng	99
74) Di-n-butylphthalate	12.02	149	2300923	38.465	ng	100
75) Fluoranthene	12.68	202	2146814	42.016	ng	97
77) Benzidine	12.80	184	807477	34.944	ng	99
78) Pyrene	12.92	202	2112802	37.059	ng	99
80) Butylbenzylphthalate	13.53	149	949577	38.780	ng	94
81) Benzo(a)anthracene	14.10	228	1795760	38.521	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	659359	40.436	ng	99
83) Chrysene	14.14	228	1728076	38.255	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1219978	41.096	ng	99
85) Di-n-octyl phthalate	14.70	149	1933338	44.331	ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1708377	44.436	ng	100
88) Benzo(b)fluoranthene	15.17	252	1608339	36.759	ng	99
89) Benzo(k)fluoranthene	15.20	252	1610381	39.062	ng	99
90) Benzo(a)pyrene	15.56	252	1460028	37.948	ng	99
91) Dibenzo(a,h)anthracene	17.18	278	1399140	42.250	ng	98
92) Benzo(g,h,i)perylene	17.62	276	1352742	41.012	ng	99

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

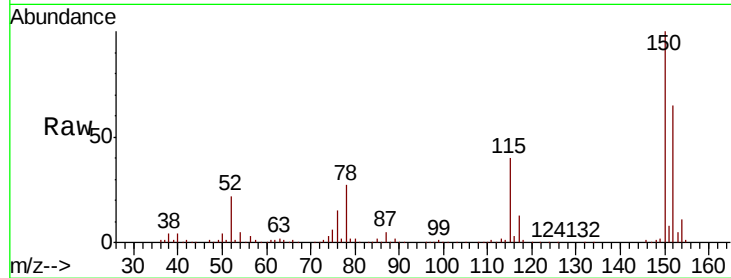


#1

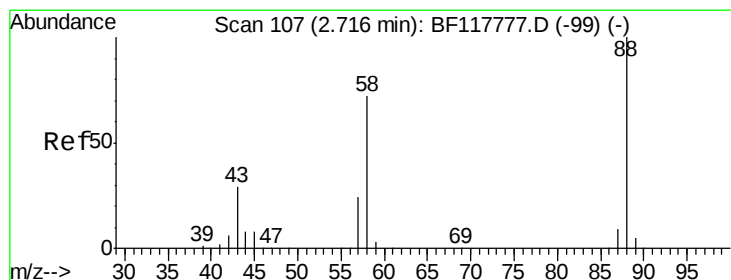
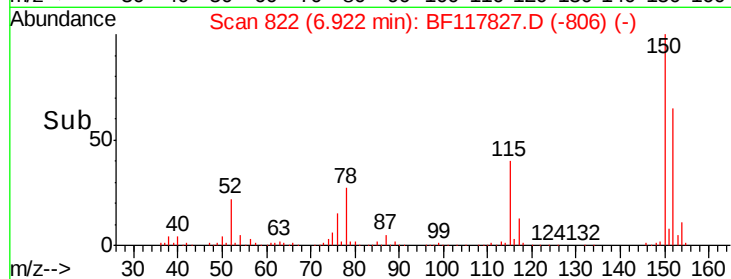
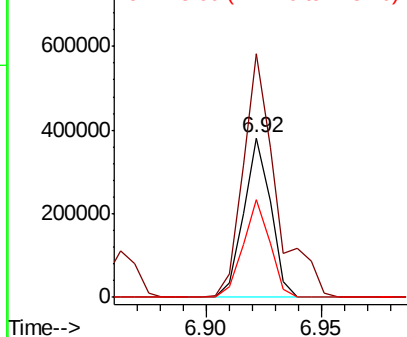
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 314073
Ion Ratio Lower Upper
152 100
150 152.9 125.3 187.9
115 61.3 47.0 70.4



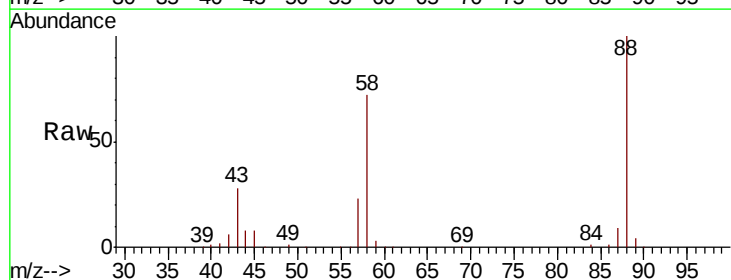
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



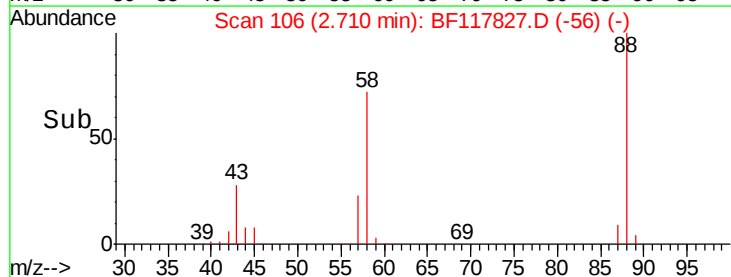
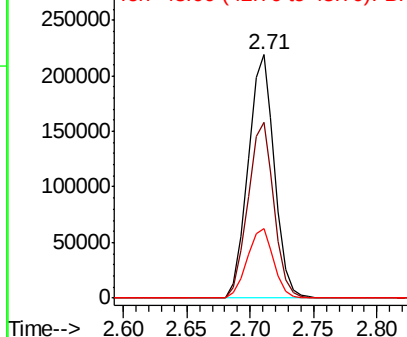
#2

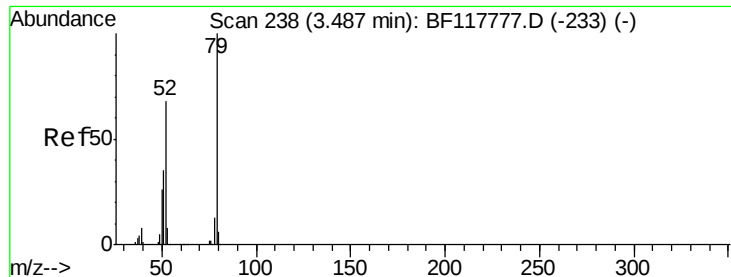
1,4-Dioxane
Concen: 37.955 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion: 88 Resp: 314790
Ion Ratio Lower Upper
88 100
58 71.7 58.2 87.2
43 28.6 23.3 34.9



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: 38.933 ng

RT: 3.48 min Scan# 236

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

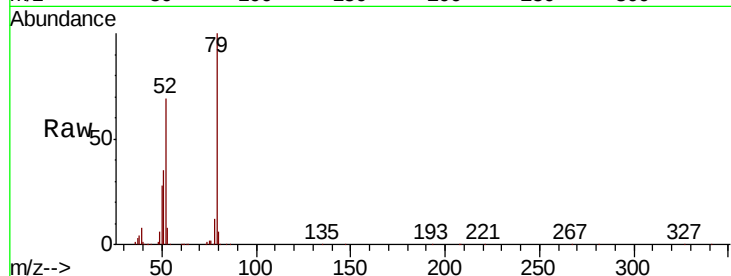
Tot Ion: 79 Resp: 847030

Ion Ratio Lower Upper

79 100

52 69.3 54.8 82.2

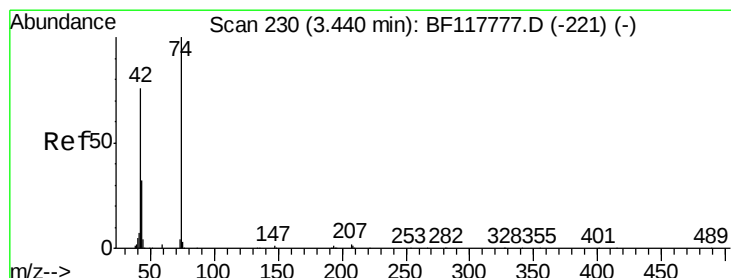
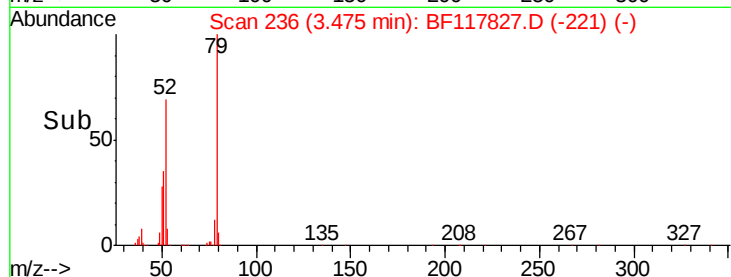
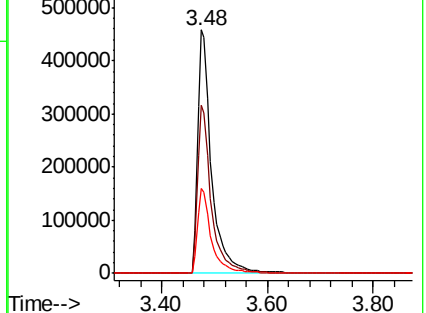
51 34.8 28.2 42.4



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: 37.948 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

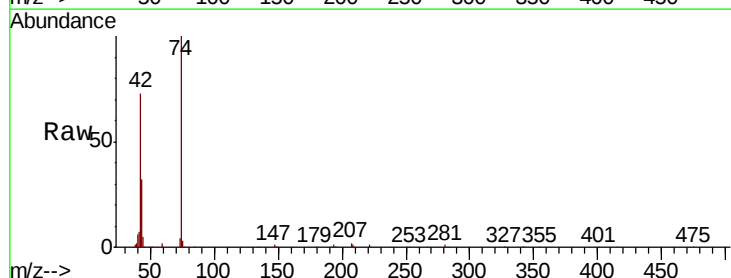
Tgt Ion: 42 Resp: 360397

Ion Ratio Lower Upper

42 100

74 136.6 105.1 157.7

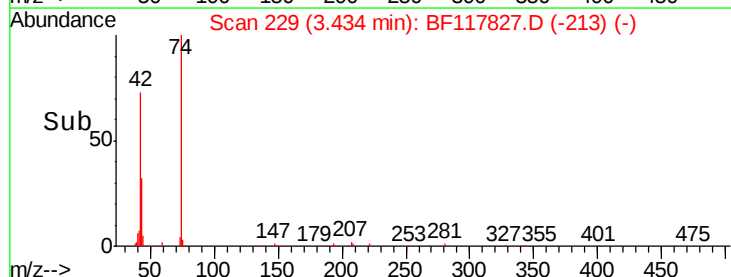
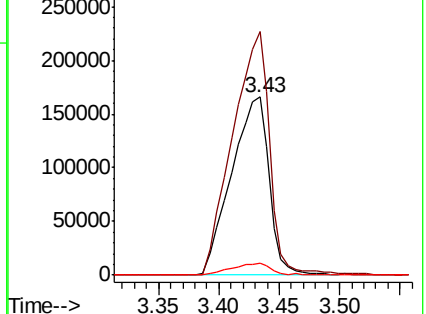
44 6.5 4.6 7.0

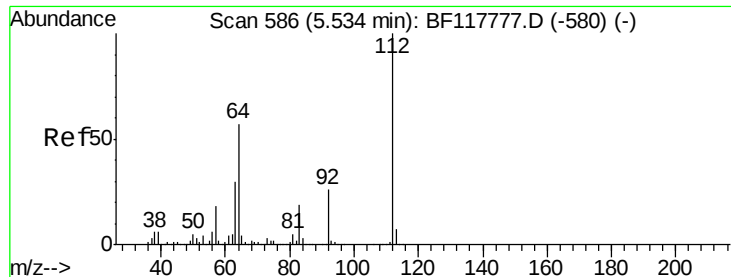


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.724 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

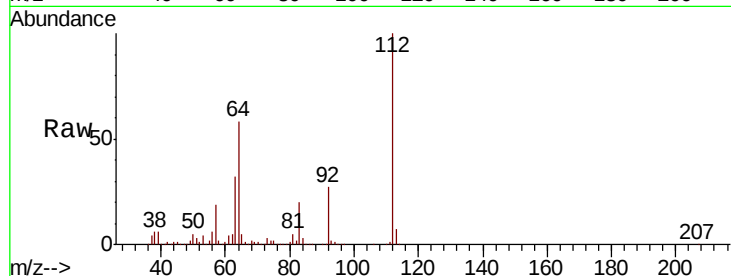
Tot Ion:112 Resp: 1361333

Ion Ratio Lower Upper

112 100

64 58.5 45.6 68.4

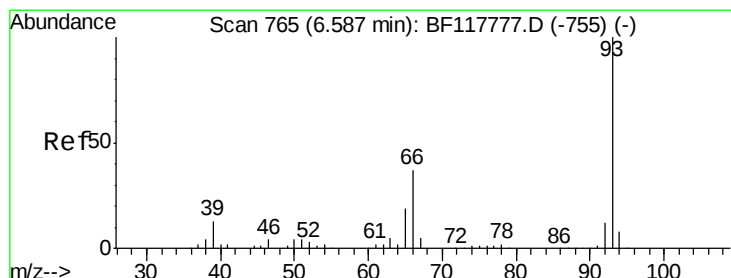
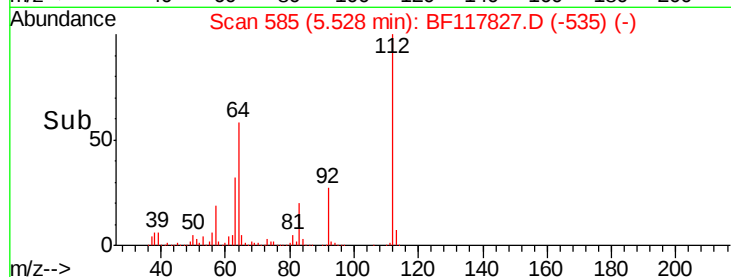
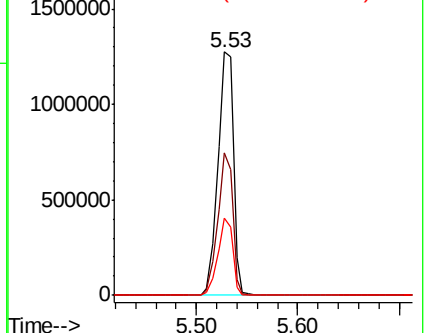
63 31.7 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.257 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

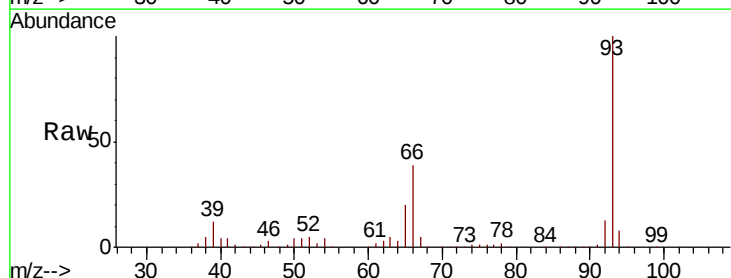
Tgt Ion: 93 Resp: 1110222

Ion Ratio Lower Upper

93 100

66 38.6 30.6 45.8

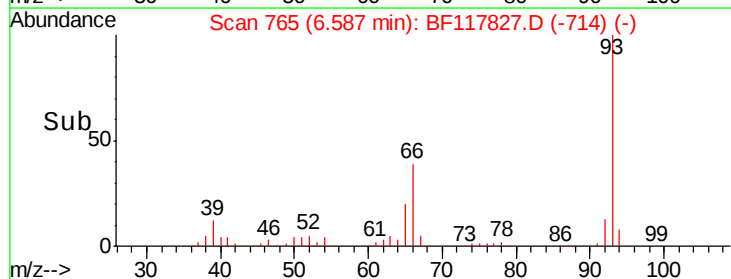
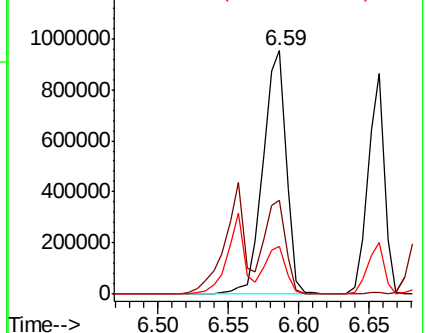
65 19.7 15.6 23.4

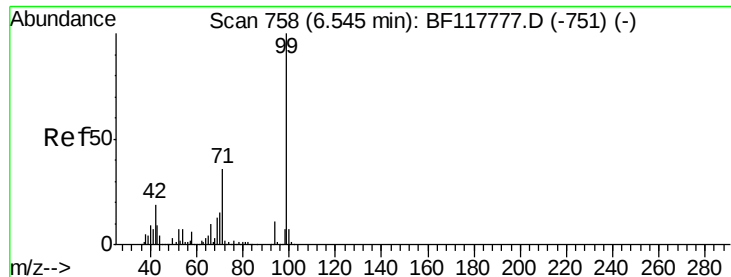


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.008 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

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ClientSampleId :

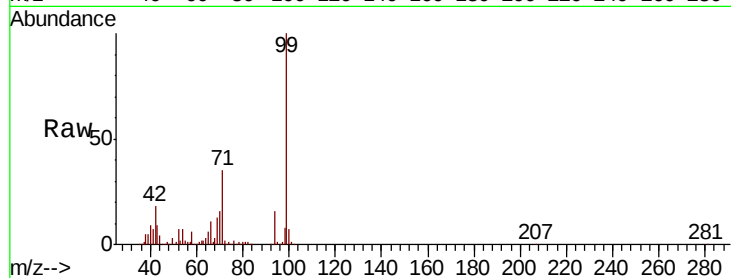
Tot Ion: 99 Resp: 1648056

Ion Ratio Lower Upper

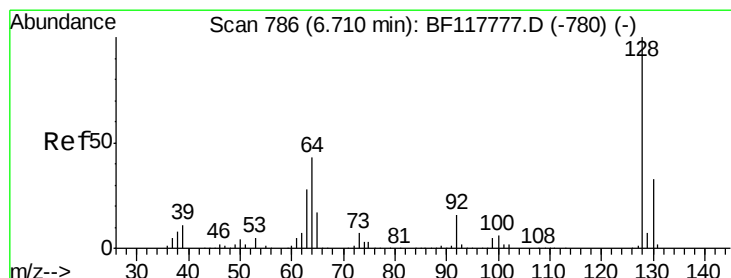
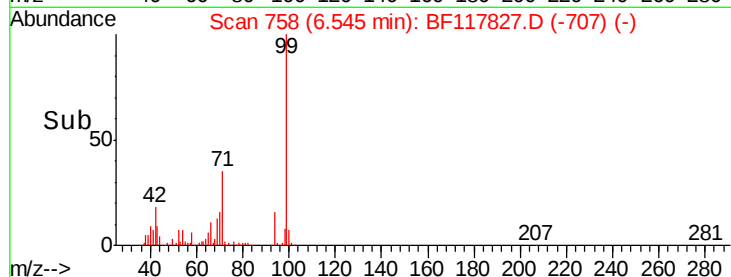
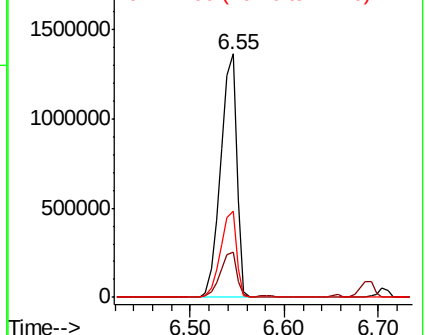
99 100

42 18.4 14.9 22.3

71 35.5 28.6 43.0



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: 39.646 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

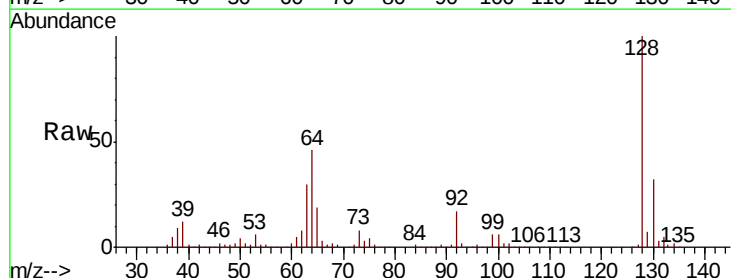
Tgt Ion:128 Resp: 763300

Ion Ratio Lower Upper

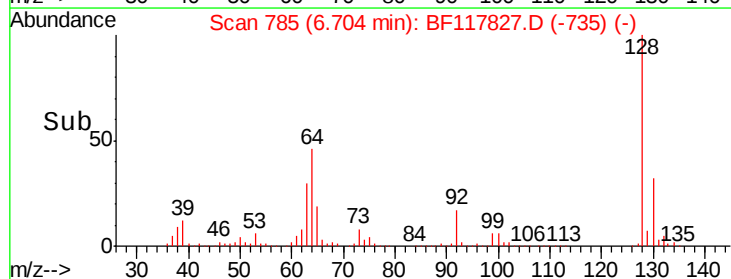
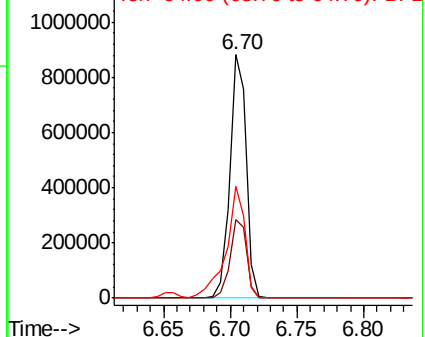
128 100

130 32.4 13.2 53.2

64 46.1 23.7 63.7



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: 37.358 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

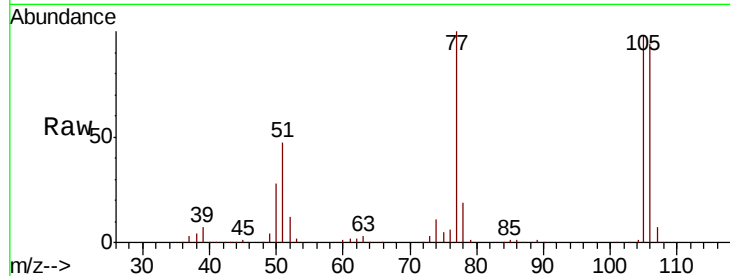
Tot Ion: 77 Resp: 527130

Ion Ratio Lower Upper

77 100

105 97.7 80.2 120.2

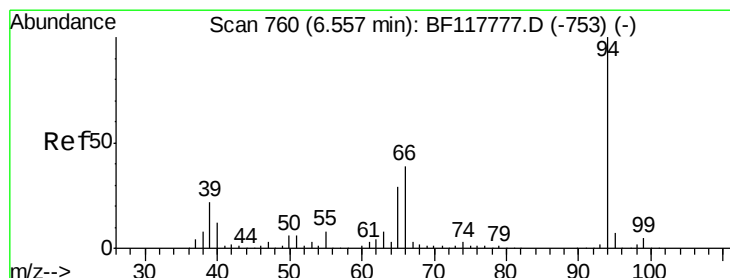
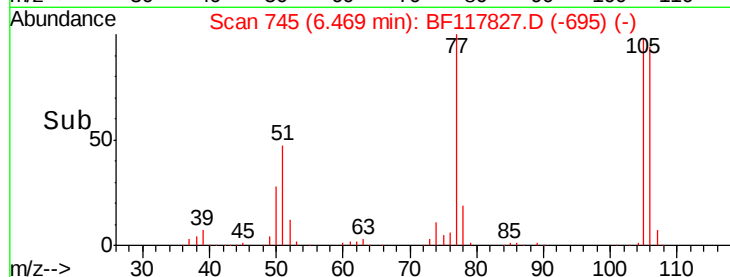
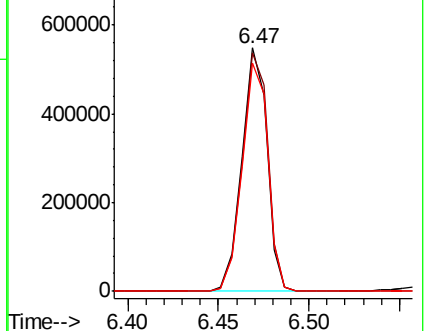
106 93.7 78.4 118.4



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: 39.724 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

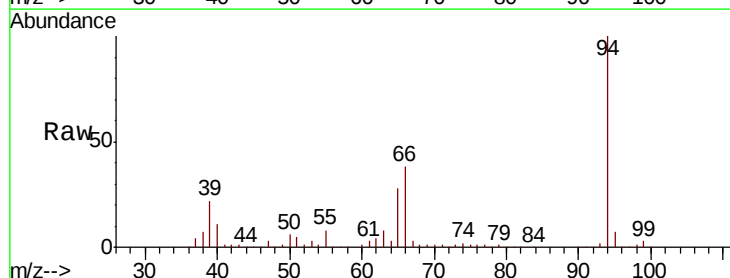
Tgt Ion: 94 Resp: 883411

Ion Ratio Lower Upper

94 100

65 27.8 8.9 48.9

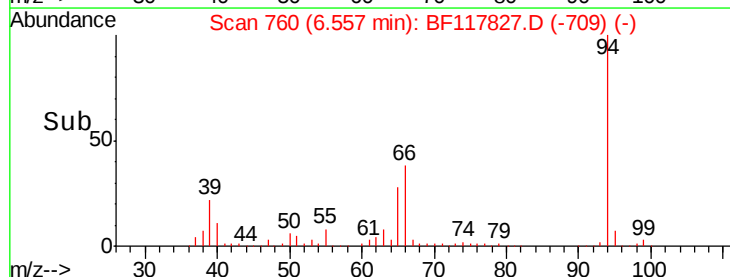
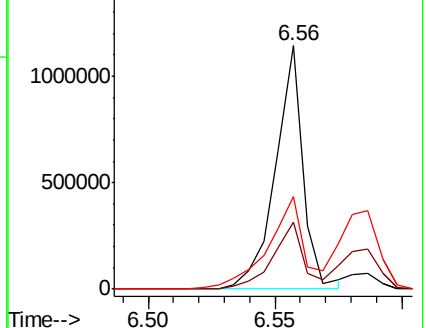
66 38.2 18.7 58.7

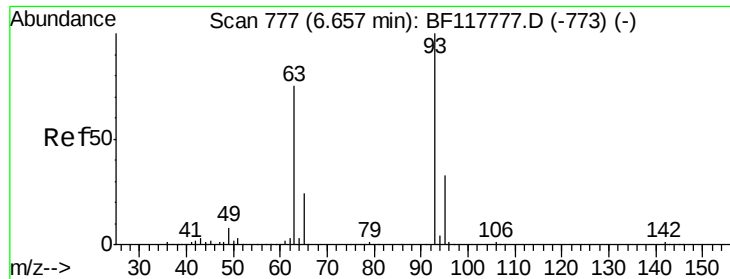


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

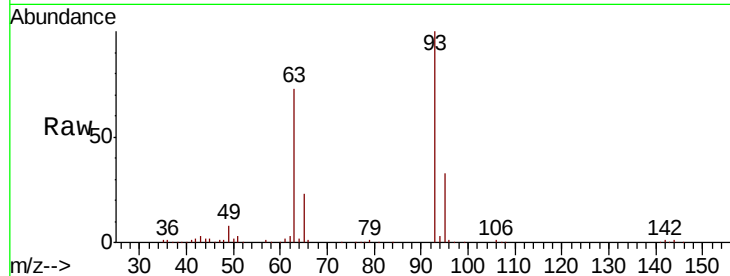




#11
 bis(2-Chloroethyl)ether
 Concen: 38.637 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	93	Resp	690000
Ion Ratio	Lower	Upper	
93	100		
63	72.8	54.8	94.8
95	33.2	12.7	52.7

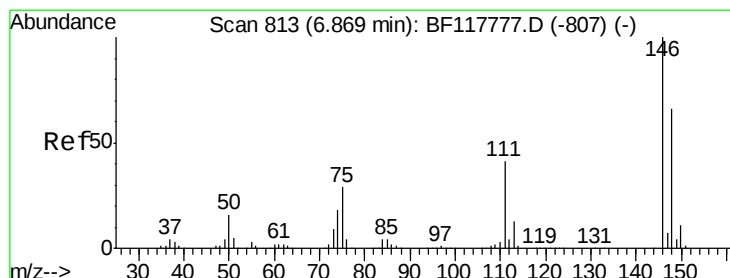
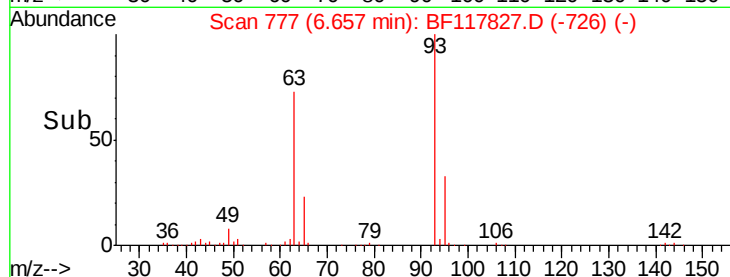
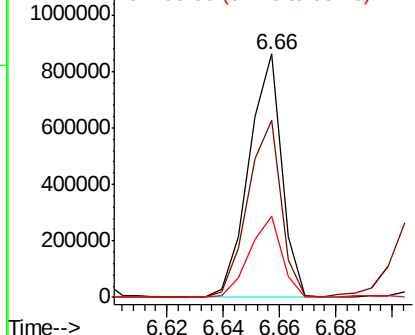


Abundance

Ion 93.00 (92.70 to 93.70): BF1

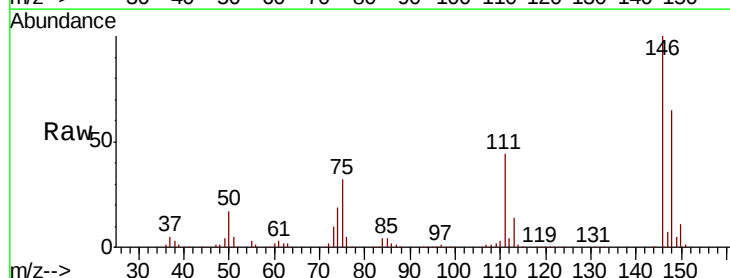
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
 1,3-Dichlorobenzene
 Concen: 39.297 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion	146	Resp	890722
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.8	79.2
75	32.4	23.4	35.0

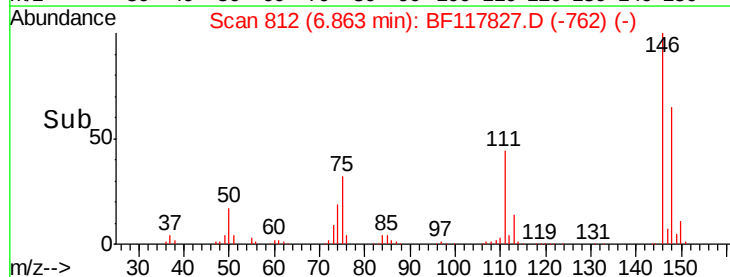
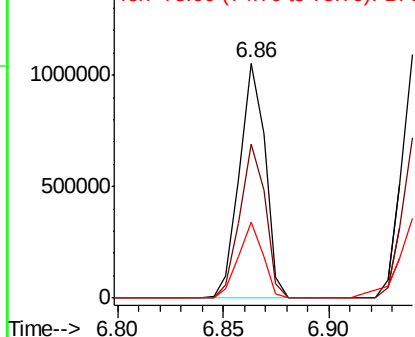


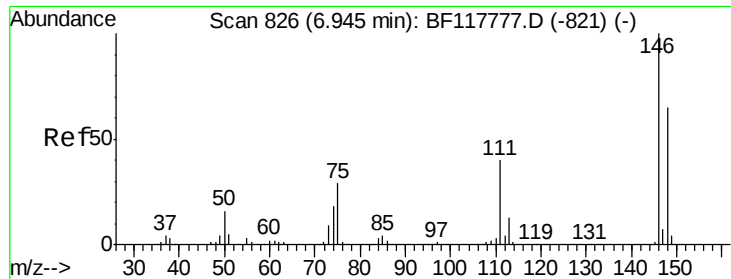
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

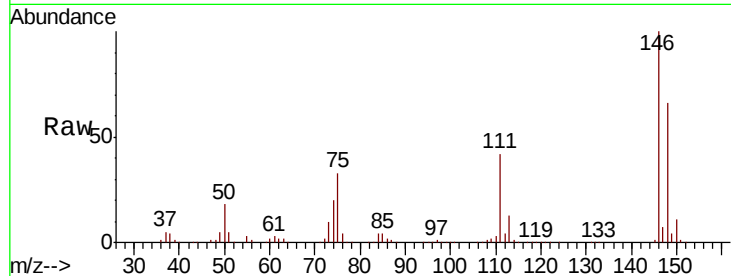




#13
 1,4-Dichlorobenzene
 Concen: 39.432 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.3	78.5
111	41.9	32.2	48.4

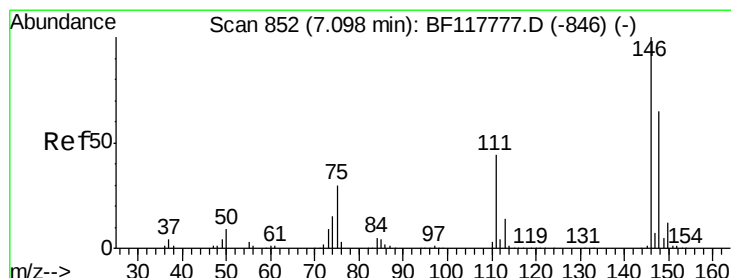
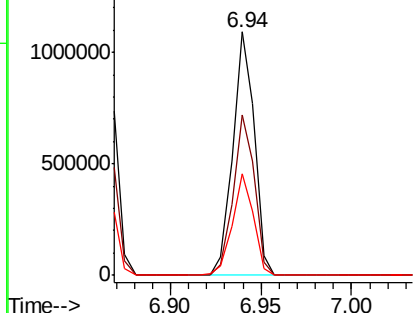
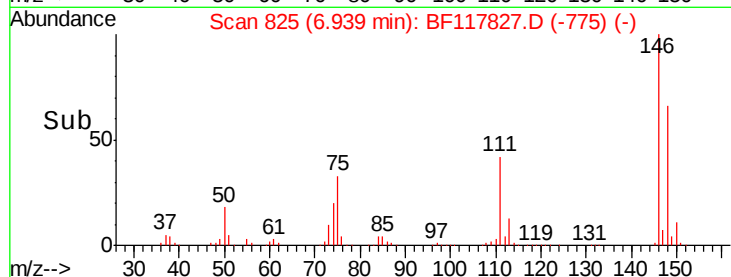


Abundance

Ion 146.00 (145.70 to 146.70): E

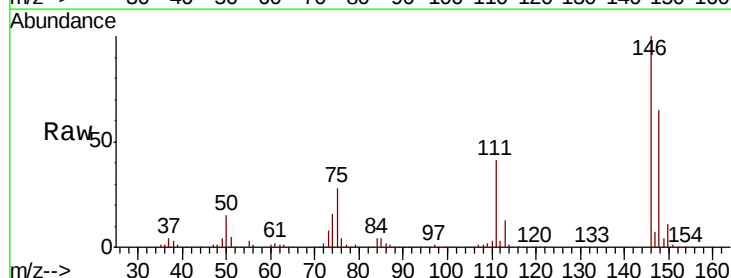
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.139 ng
 RT: 7.10 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
111	41.5	35.0	52.6

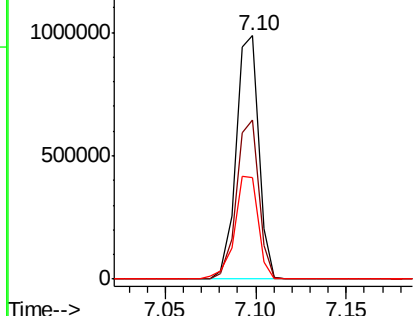
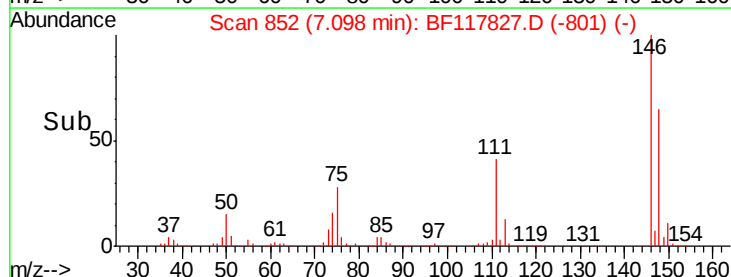


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.773 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampled :

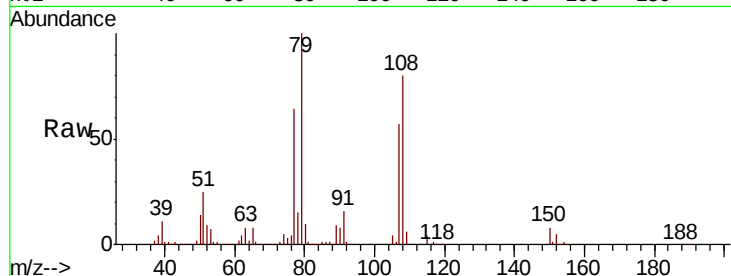
Tot Ion: 79 Resp: 673675

Ion Ratio Lower Upper

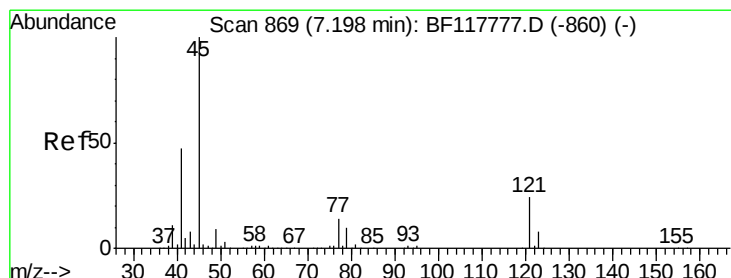
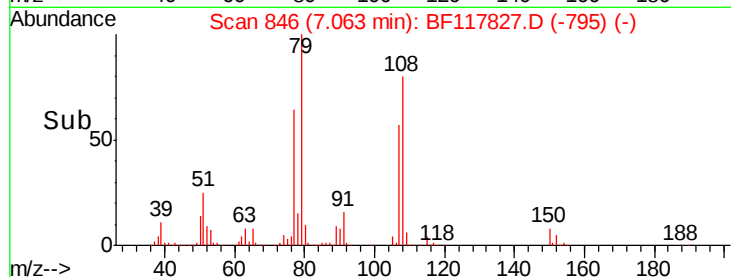
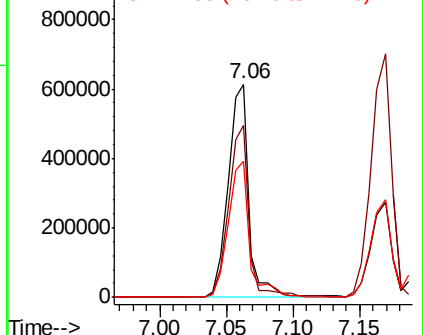
79 100

108 80.5 64.1 96.1

77 64.1 51.3 76.9



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: 38.277 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

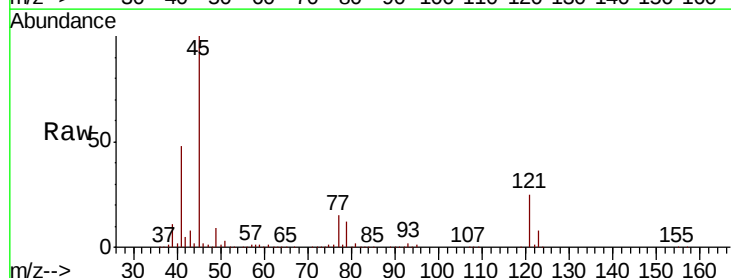
Tgt Ion: 45 Resp: 1052445

Ion Ratio Lower Upper

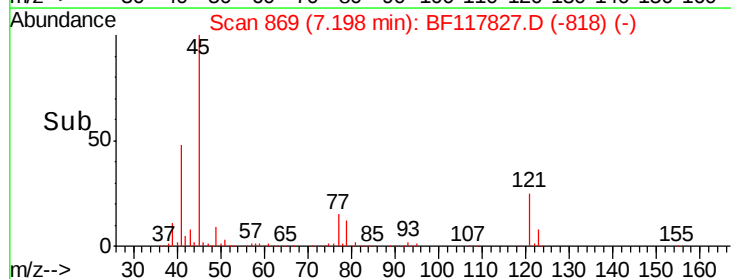
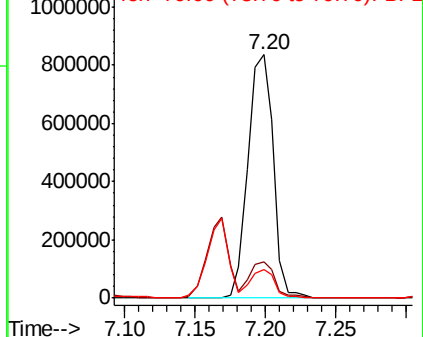
45 100

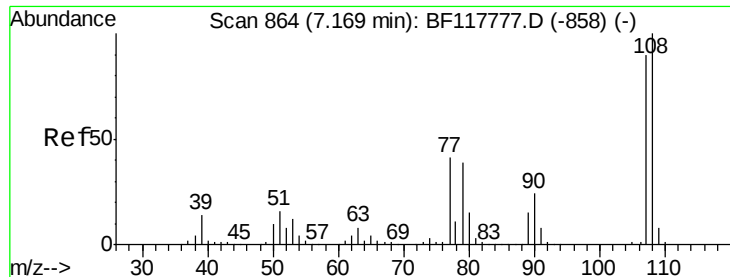
77 15.1 0.0 35.0

79 11.7 0.0 31.1



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

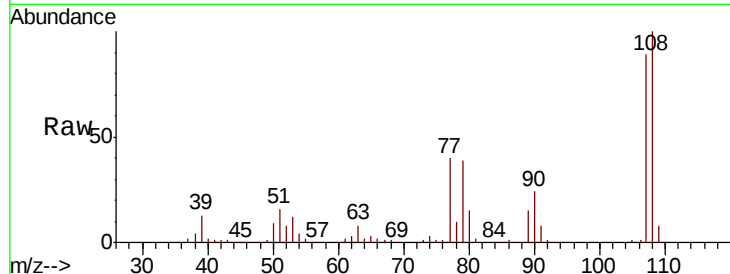




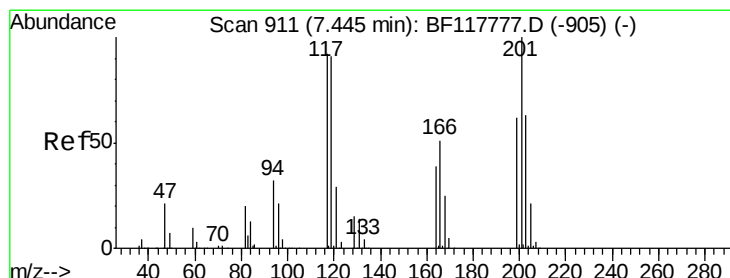
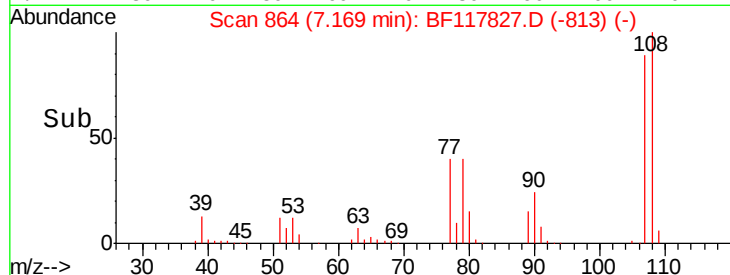
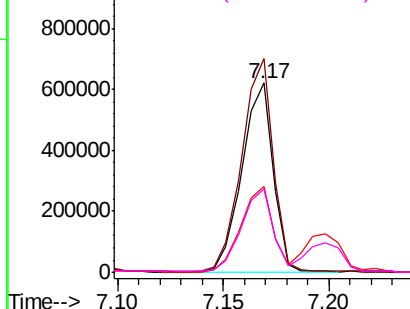
#17
2-Methylphenol
Concen: 39.058 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 636816
Ion Ratio Lower Upper
107 100
108 112.8 89.1 133.7
77 45.1 36.6 54.8
79 44.3 35.2 52.8

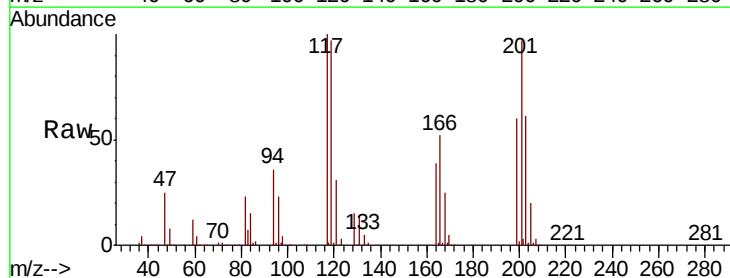


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

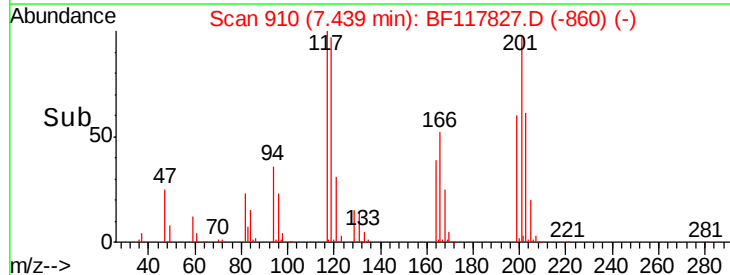
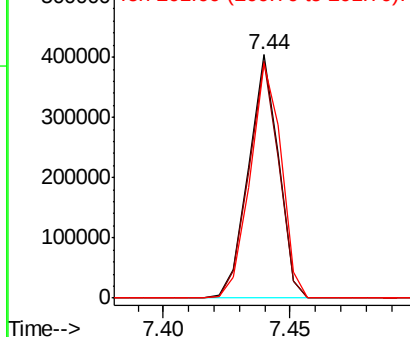


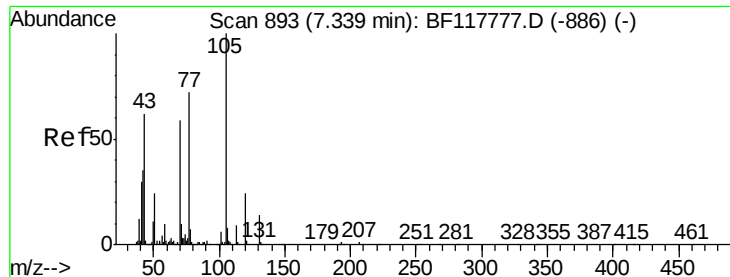
#18
Hexachloroethane
Concen: 39.481 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:117 Resp: 332297
Ion Ratio Lower Upper
117 100
119 97.4 78.7 118.1
201 96.6 86.5 129.7



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

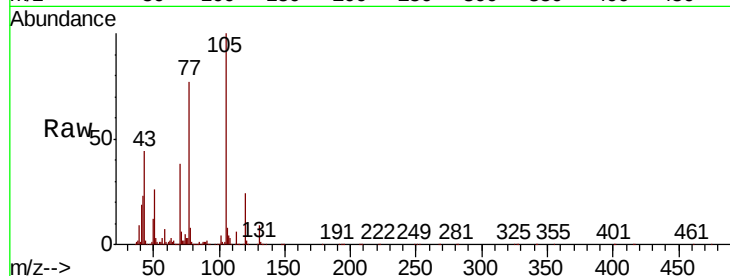




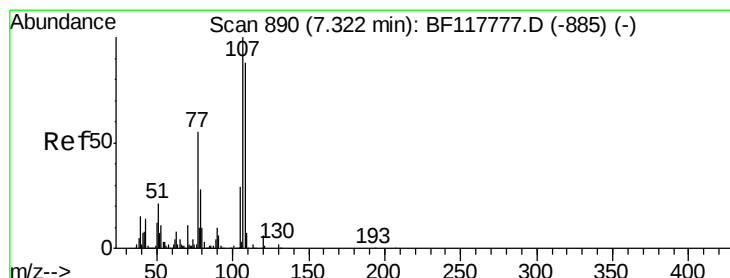
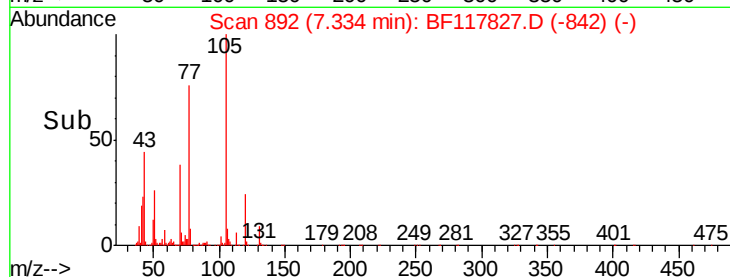
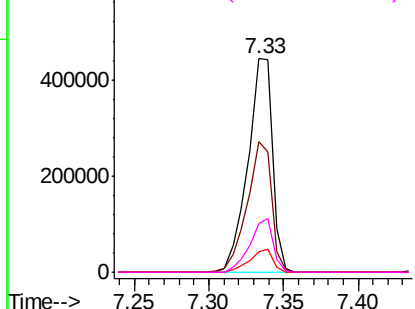
#19
n-Nitroso-di-n-propylamine
Concen: 38.318 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	505909
Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.4	71.2
101	9.8	8.4	12.6
130	22.6	18.8	28.2

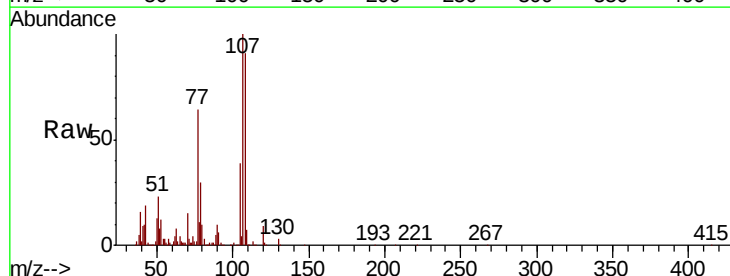


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

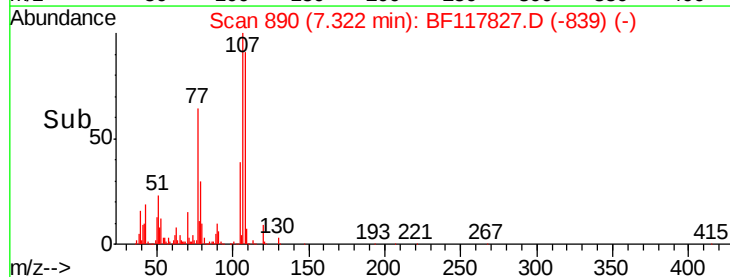
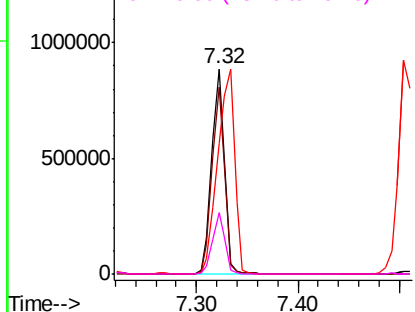


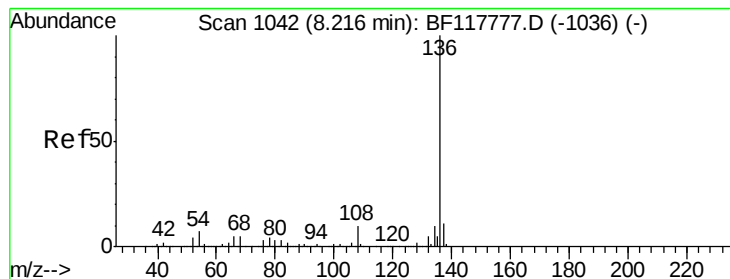
#20
3+4-Methylphenols
Concen: 38.558 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:	107	Resp:	780372
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.4	108.4
77	63.8	35.2	75.2
79	29.8	8.6	48.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1168522

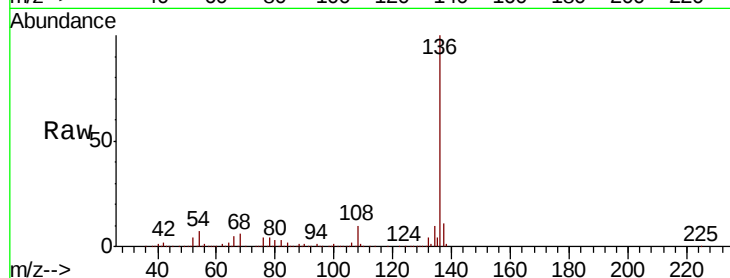
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.5 5.4 8.2

68 5.6 4.3 6.5

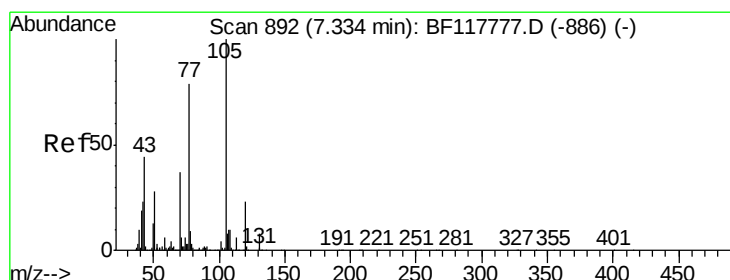
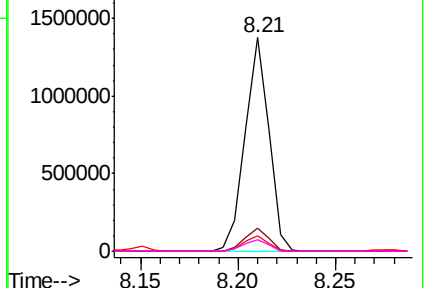
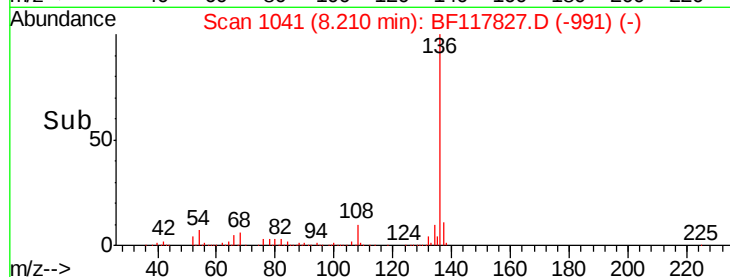


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.337 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Tgt Ion:105 Resp: 1032729

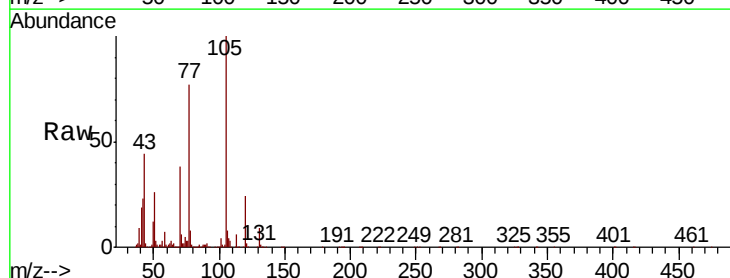
Ion Ratio Lower Upper

105 100

71 6.5 4.9 7.3

51 26.3 22.7 34.1

120 23.8 18.5 27.7

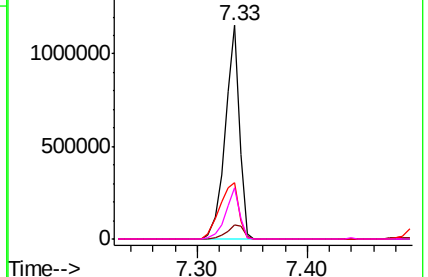
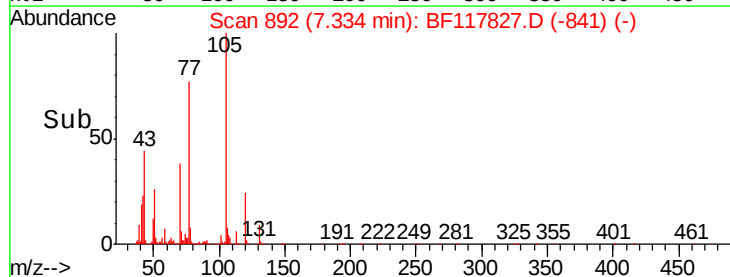


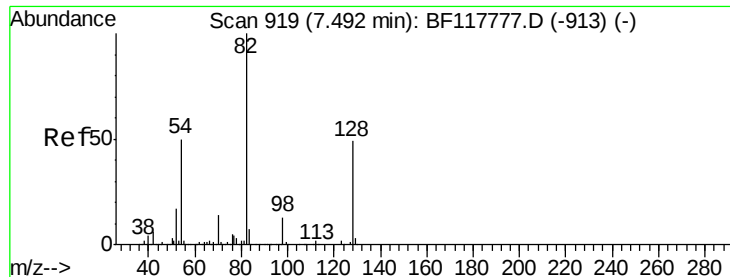
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

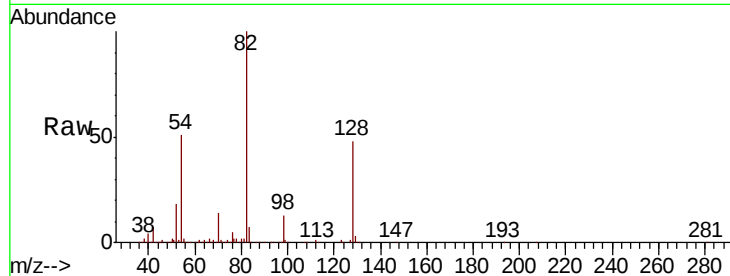




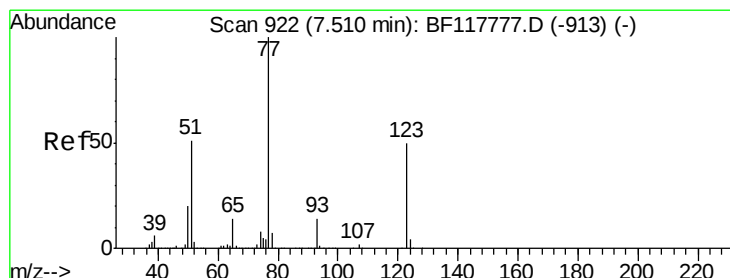
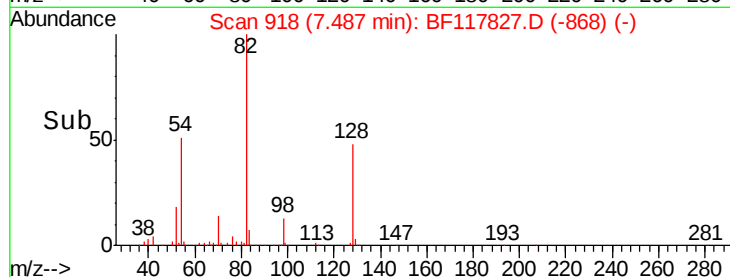
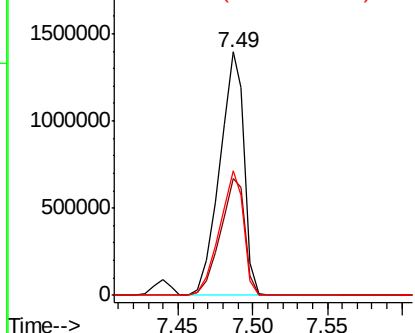
#23
 Nitrobenzene-d5
 Concen: 81.284 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1597798
 Ion Ratio Lower Upper
 82 100
 128 47.9 38.9 58.3
 54 51.2 39.8 59.6

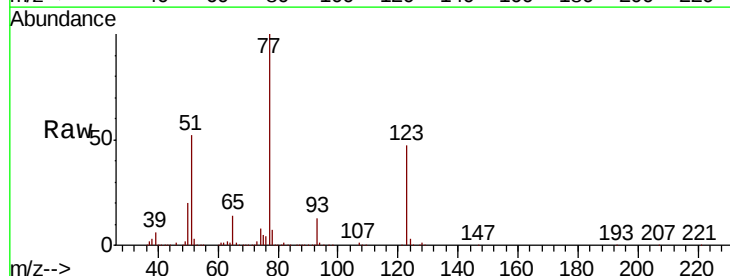


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

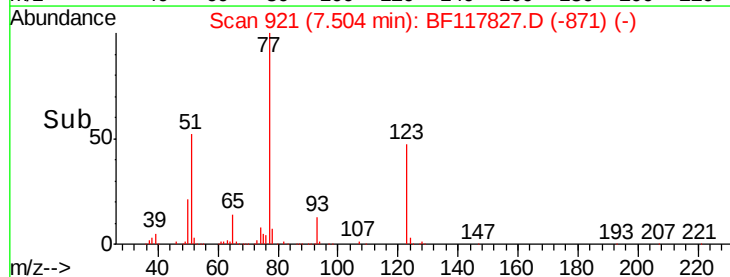
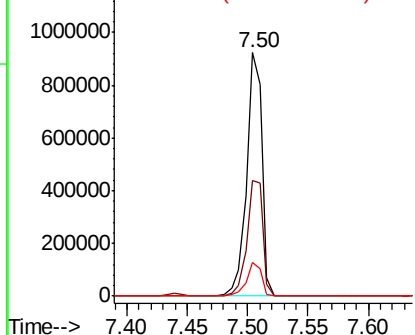


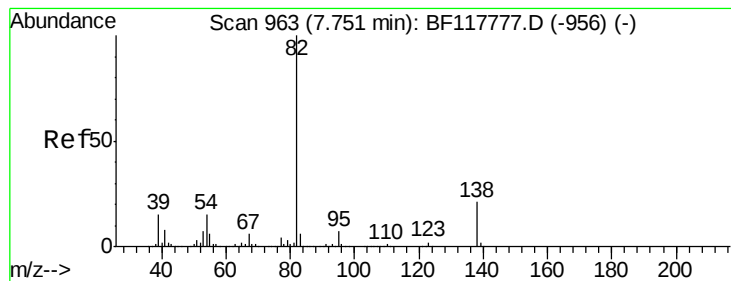
#24
 Nitrobenzene
 Concen: 40.203 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion: 77 Resp: 815263
 Ion Ratio Lower Upper
 77 100
 123 47.4 40.3 60.5
 65 13.9 10.9 16.3



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: 38.004 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

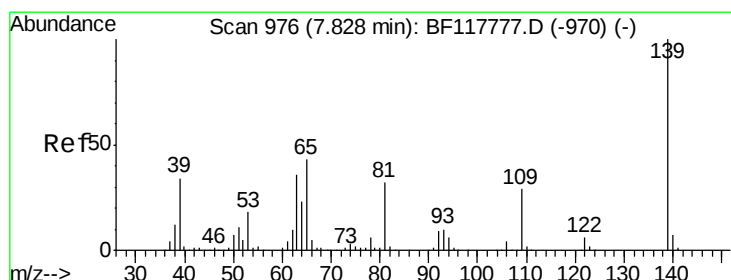
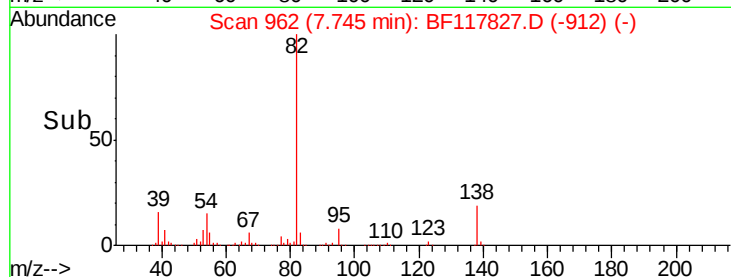
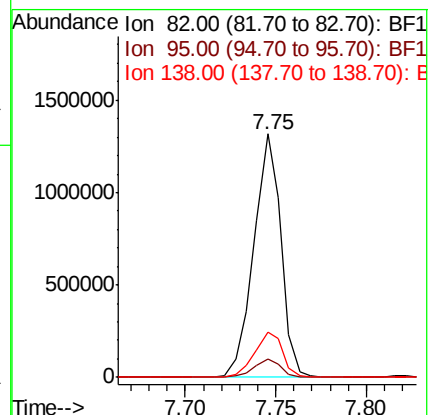
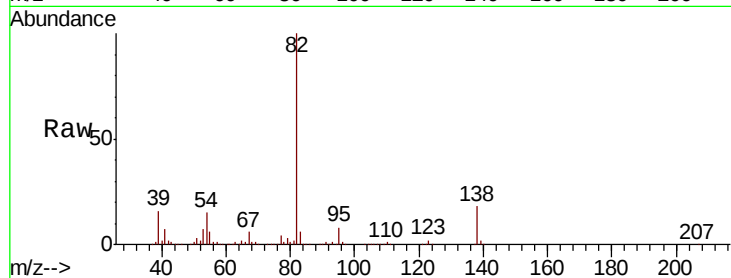
Tot Ion: 82 Resp: 1369205

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

138 18.5 16.5 24.7



#26

2-Nitrophenol

Concen: 41.874 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

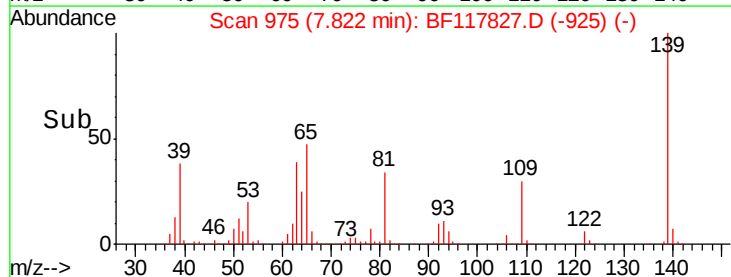
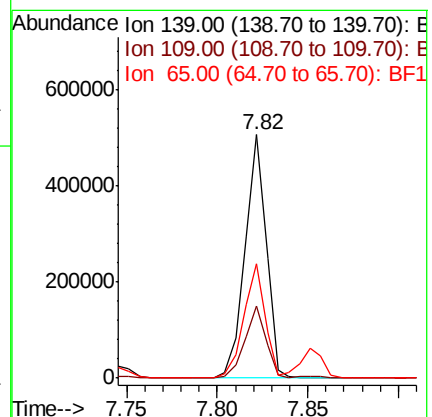
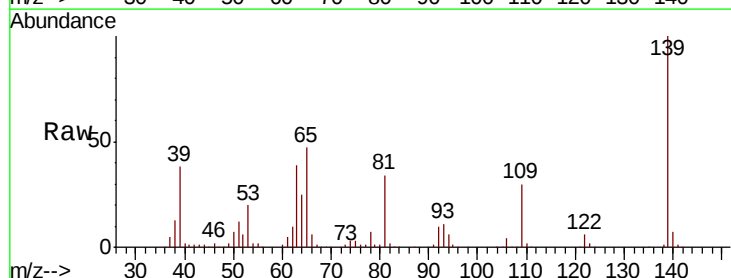
Tgt Ion: 139 Resp: 413308

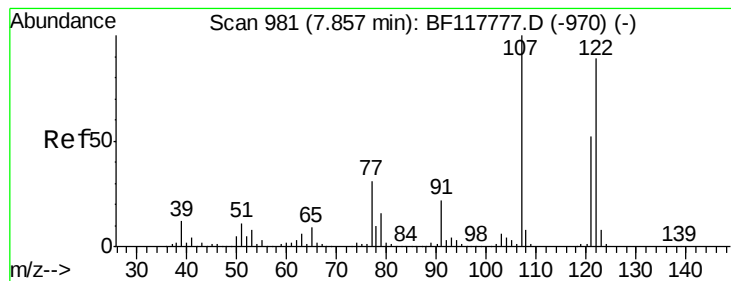
Ion Ratio Lower Upper

139 100

109 29.6 23.0 34.4

65 47.2 34.7 52.1

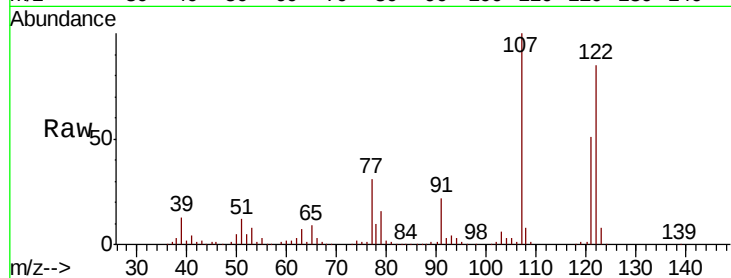




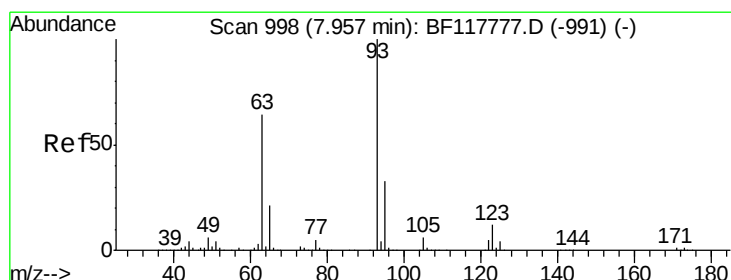
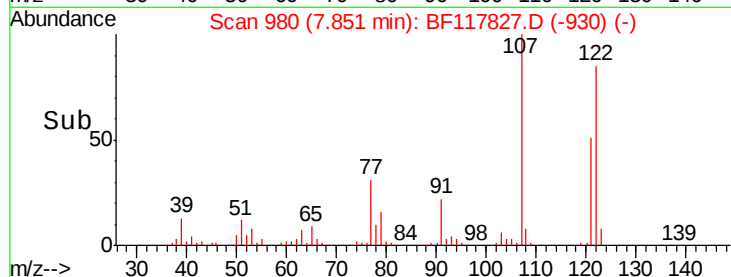
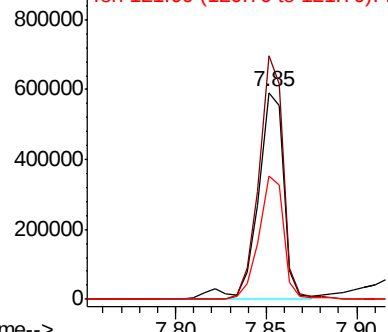
#27
2,4-Dimethylphenol
Concen: 38.654 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 592850
Ion Ratio Lower Upper
122 100
107 117.8 90.0 135.0
121 59.8 46.7 70.1

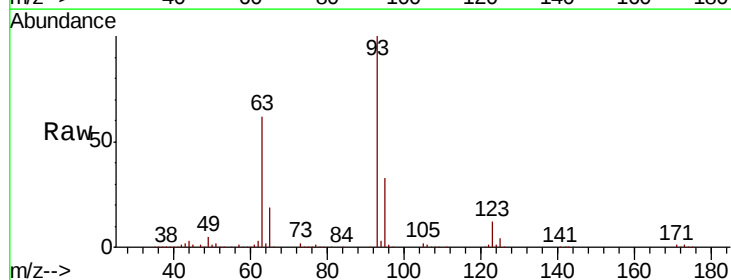


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

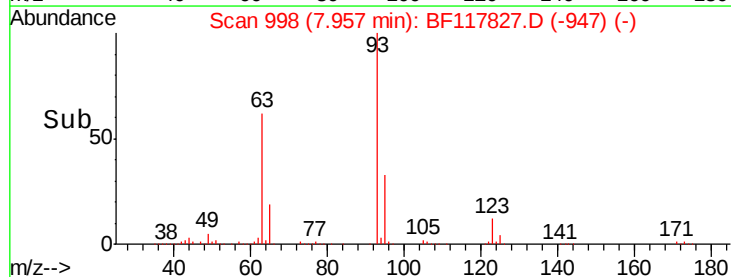
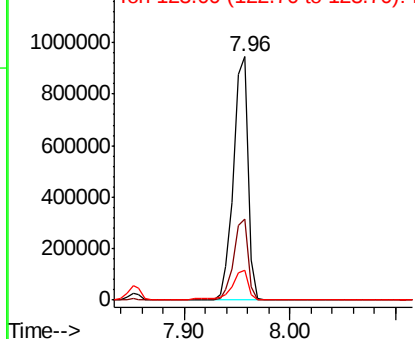


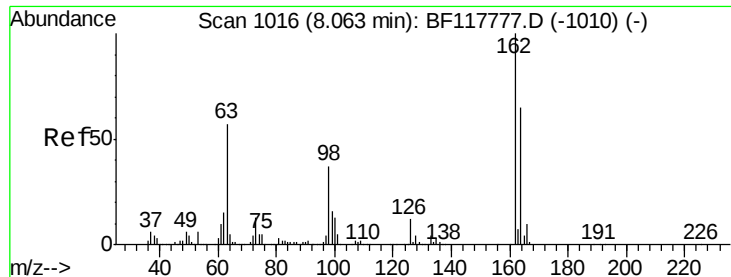
#28
bis(2-Chloroethoxy)methane
Concen: 38.944 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion: 93 Resp: 890365
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.3 10.3 15.5



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

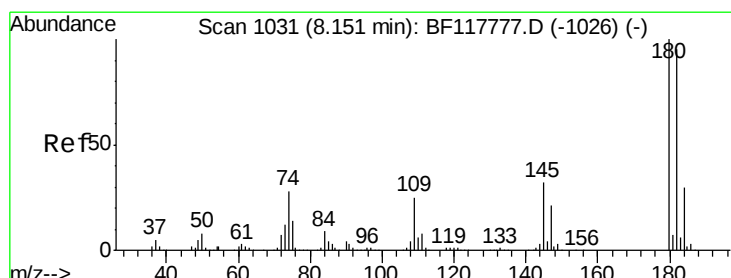
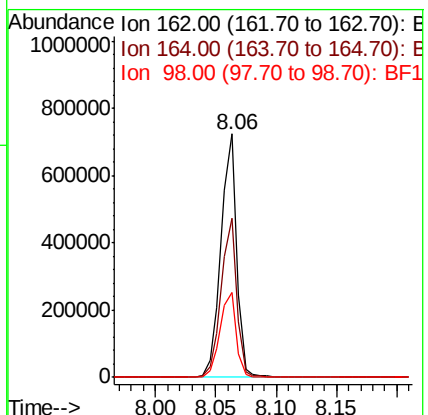
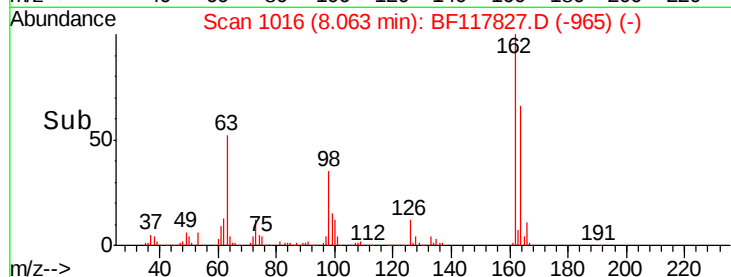
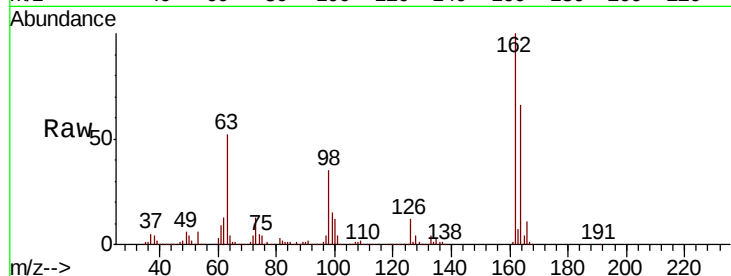




#29
2,4-Dichlorophenol
Concen: 39.167 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

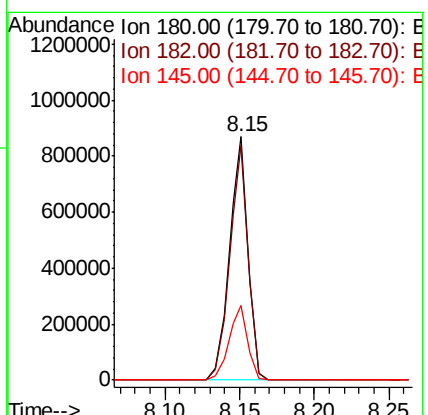
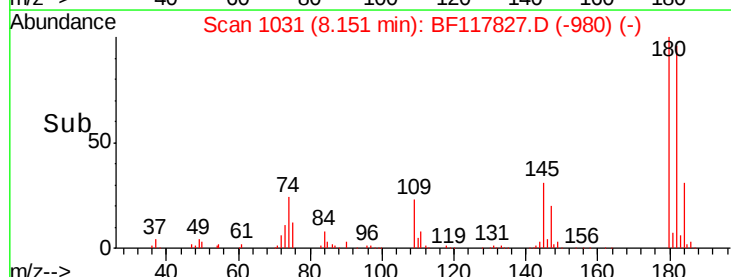
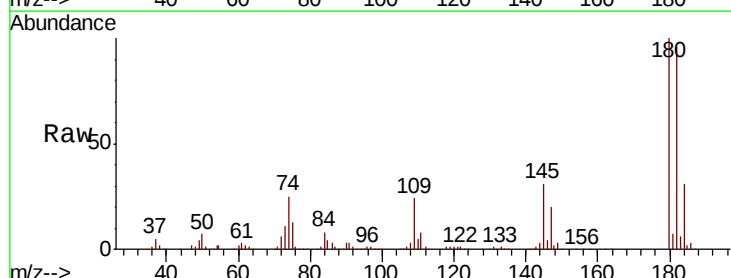
Instrument :
BNA_F
ClientSampled :

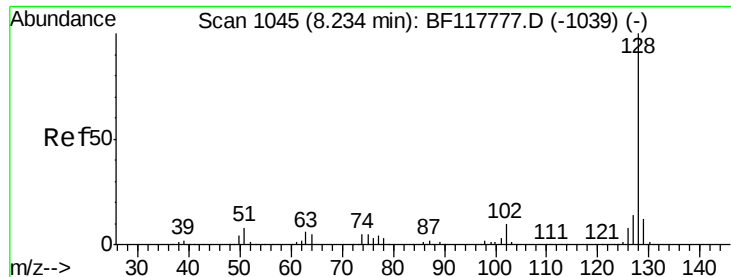
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.1	85.1
98	34.9	17.2	57.2



#30
1,2,4-Trichlorobenzene
Concen: 39.539 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.6
145	30.8	25.5	38.3

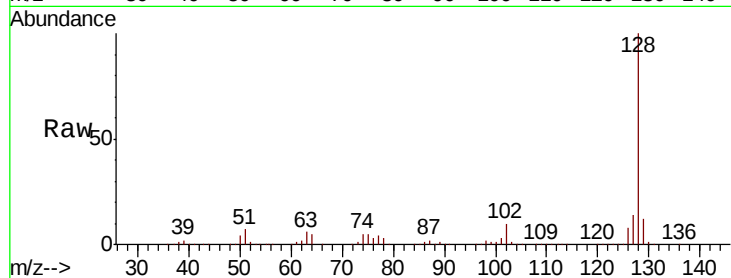




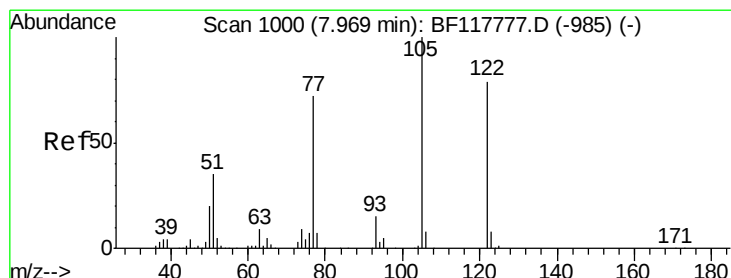
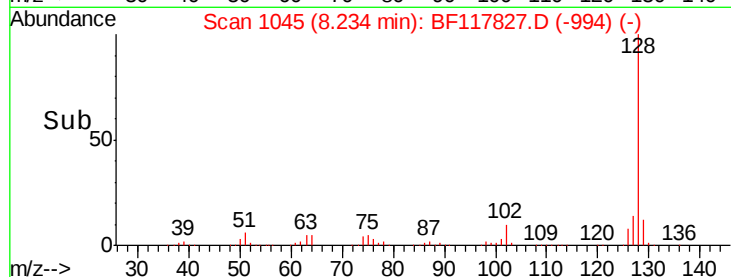
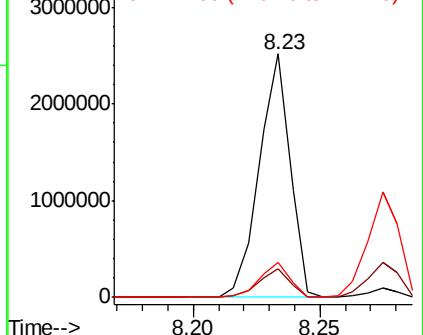
#31
Naphthalene
Concen: 39.369 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2144659
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 14.5 11.3 16.9

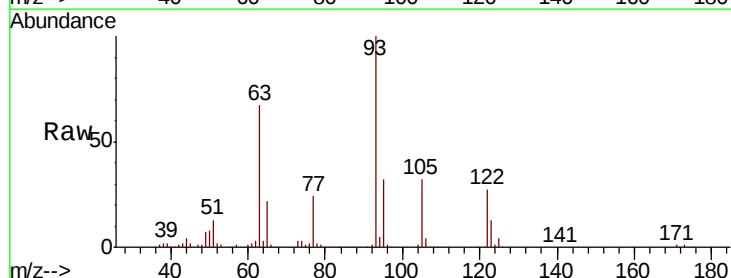


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

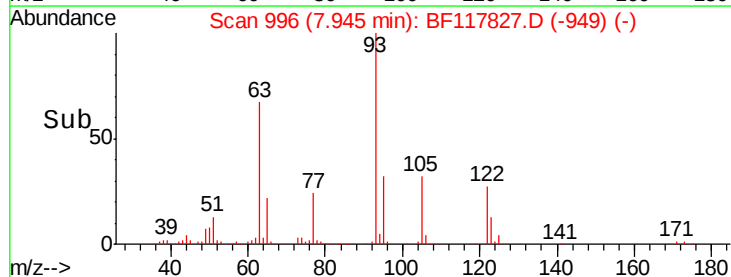
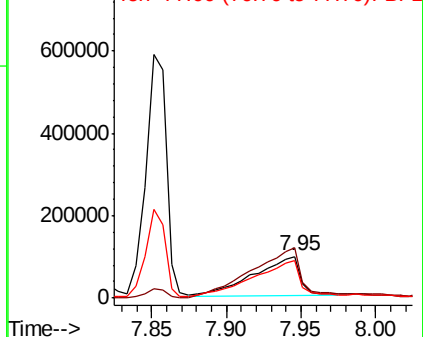


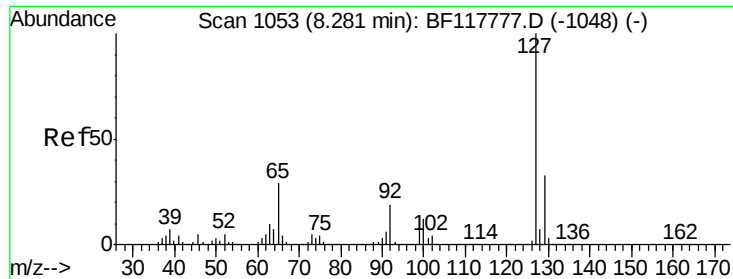
#32
Benzoic acid
Concen: 16.190 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:122 Resp: 207910
Ion Ratio Lower Upper
122 100
105 121.9 102.7 142.7
77 89.1 70.5 110.5



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

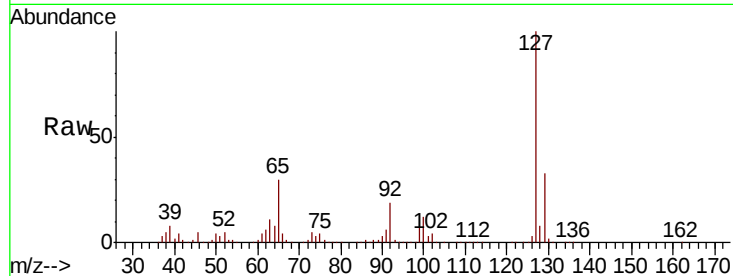




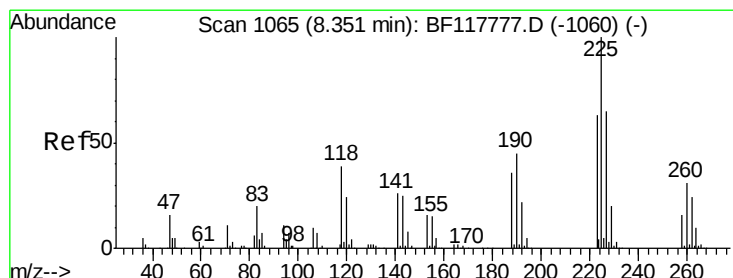
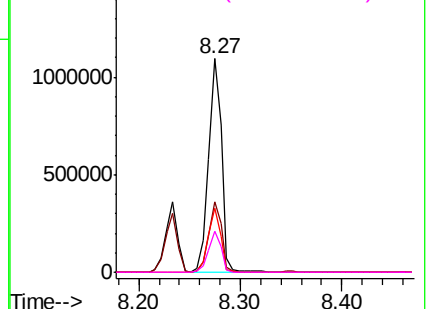
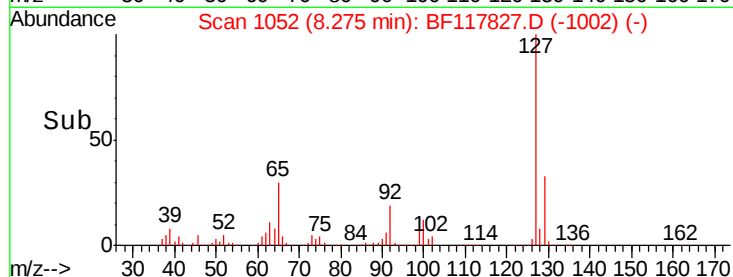
#33
4-Chloroaniline
Concen: 39.683 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	967784
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	29.8	22.9	34.3
92	19.0	15.0	22.6

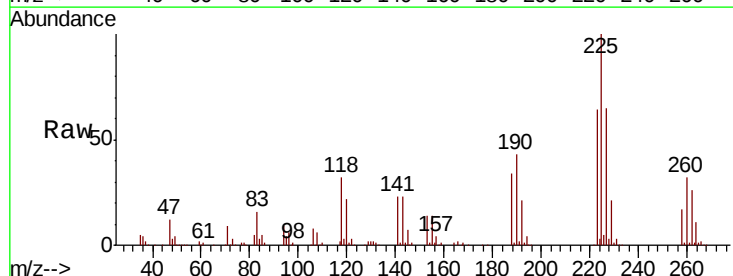


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

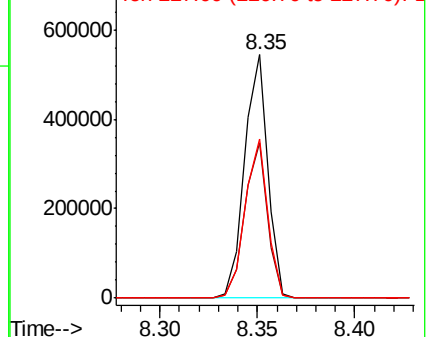
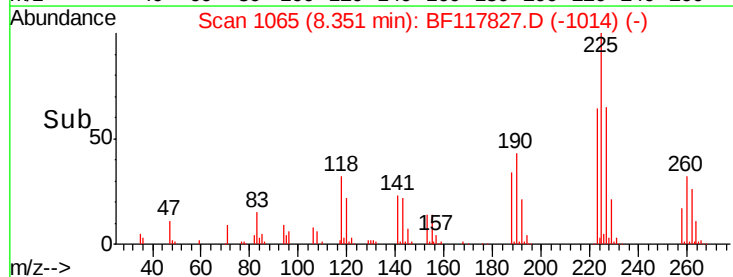


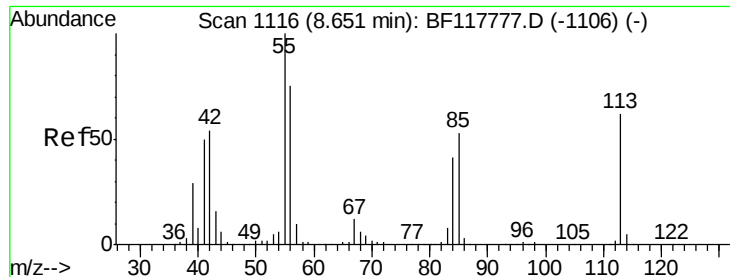
#34
Hexachlorobutadiene
Concen: 39.769 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:	225	Resp:	448686
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	65.1	51.8	77.6



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

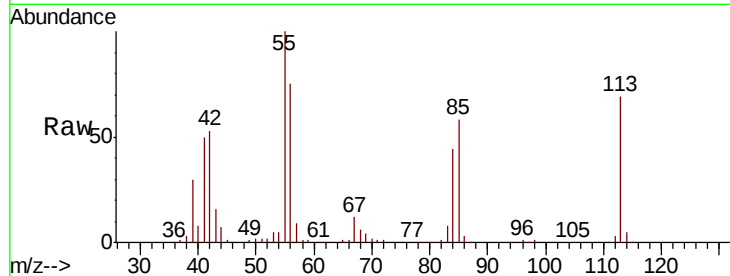




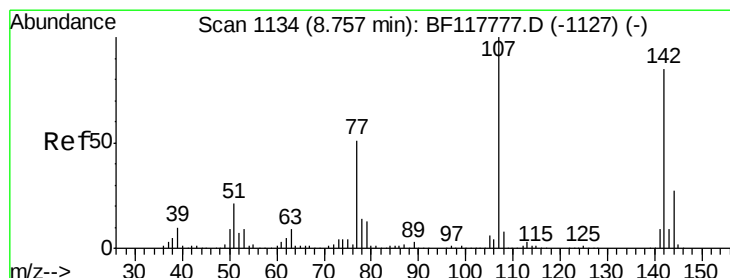
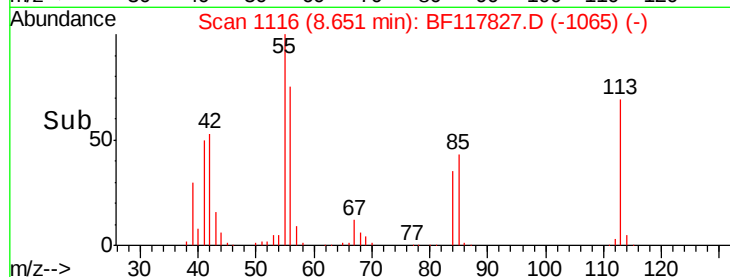
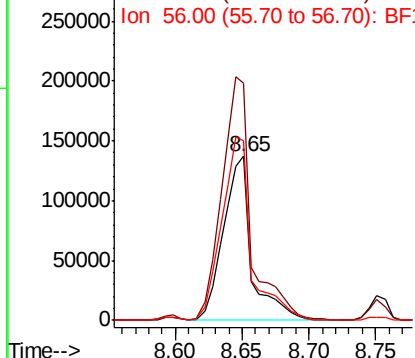
#35
Caprolactam
Concen: 38.665 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 204434
Ion Ratio Lower Upper
113 100
55 145.2 141.1 181.1
56 109.4 100.5 140.5

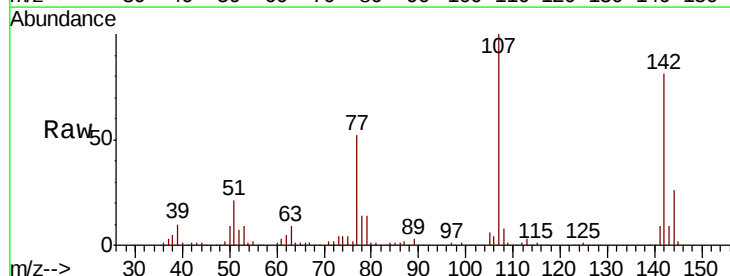


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

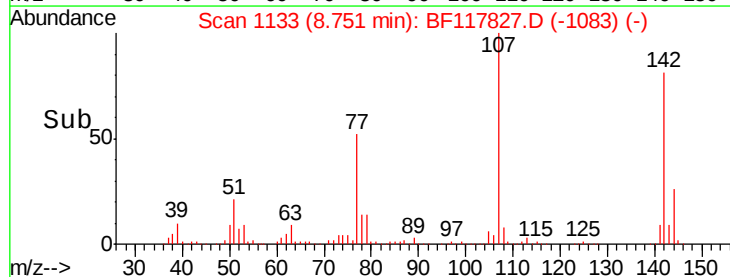
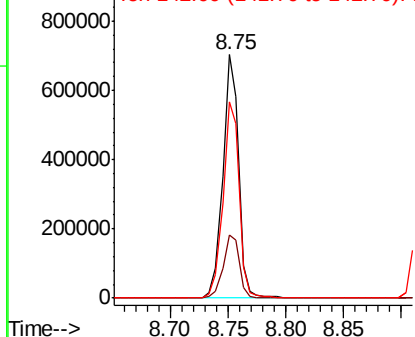


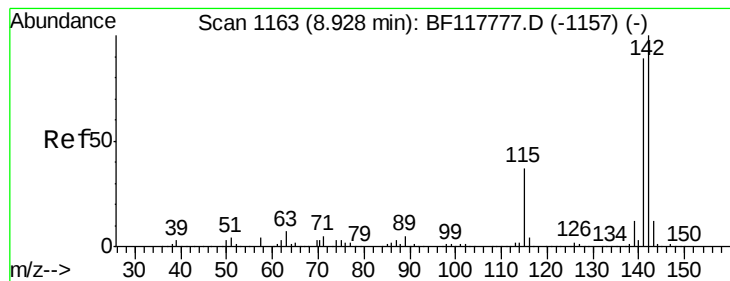
#36
4-Chloro-3-methylphenol
Concen: 39.438 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:107 Resp: 665864
Ion Ratio Lower Upper
107 100
144 26.0 21.9 32.9
142 80.5 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.043 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

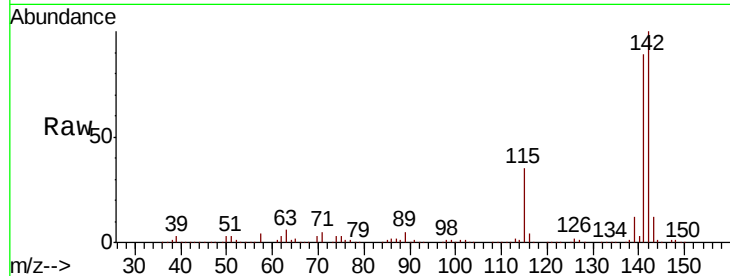
Tot Ion:142 Resp: 1437046

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7

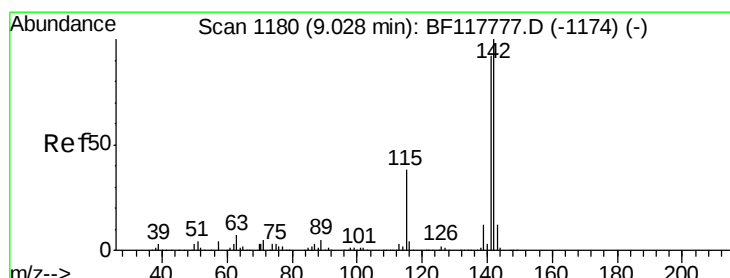
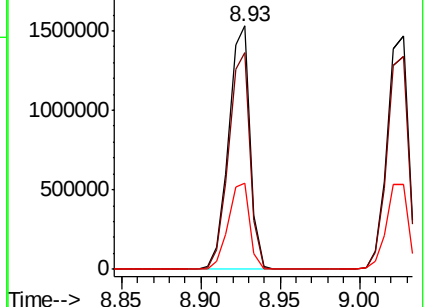
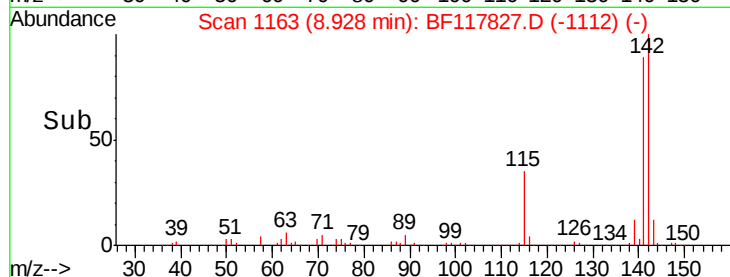
115 35.2 29.2 43.8



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: 39.151 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

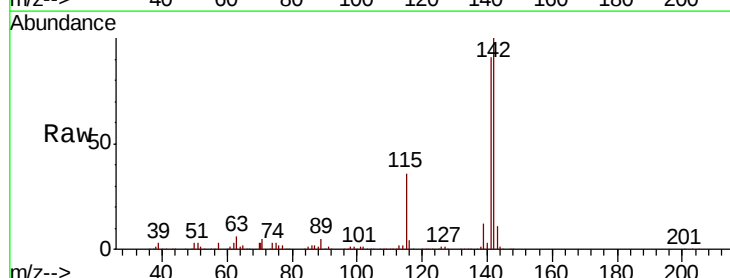
Tgt Ion:142 Resp: 1362372

Ion Ratio Lower Upper

142 100

141 91.5 73.5 110.3

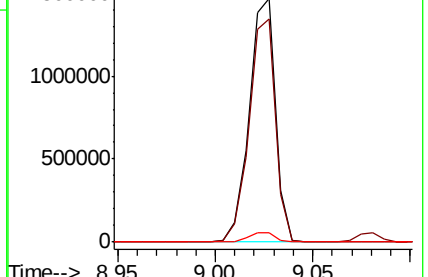
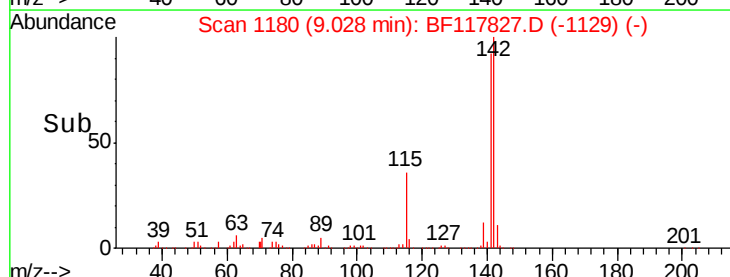
116 3.8 3.2 4.8

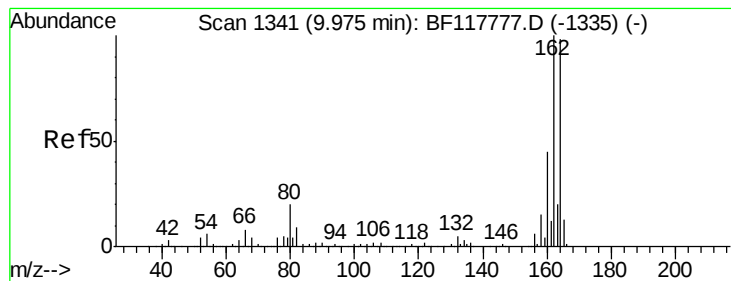


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampled :

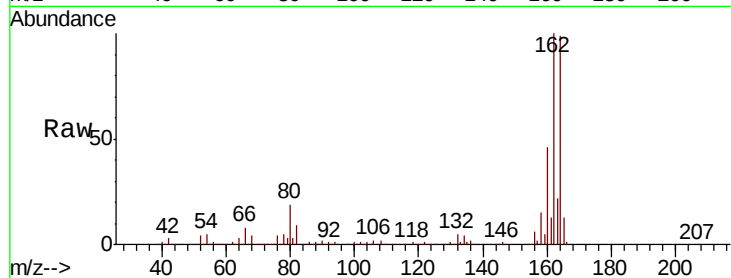
Tot Ion:164 Resp: 593454

Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

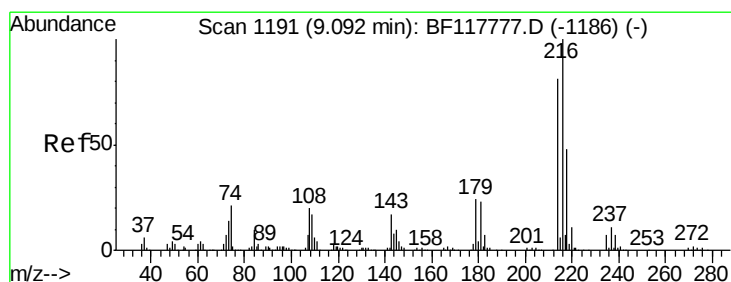
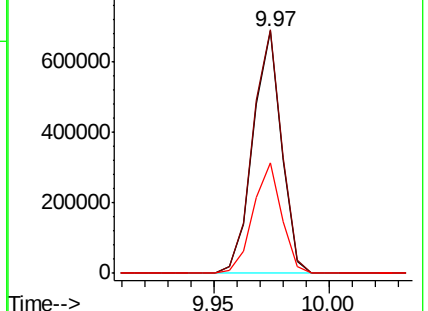
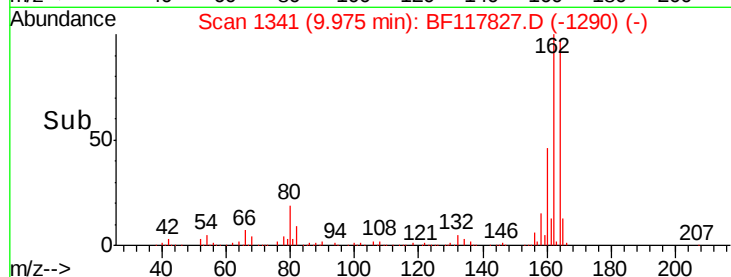
160 45.9 36.6 55.0



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: 39.878 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Tgt Ion:216 Resp: 687285

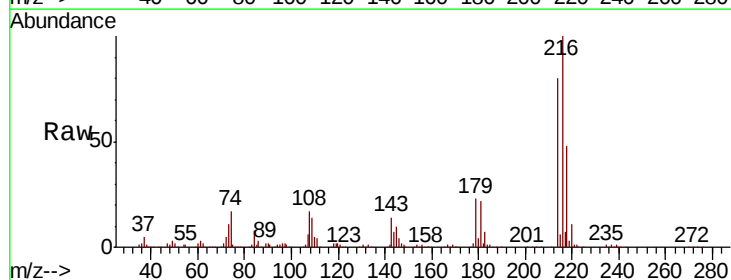
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 23.3 18.2 27.4

108 20.1 16.0 24.0

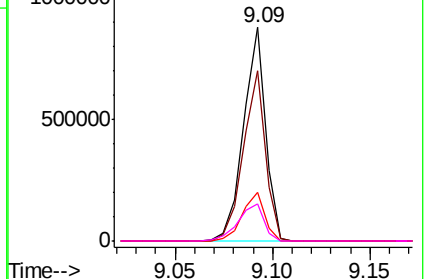
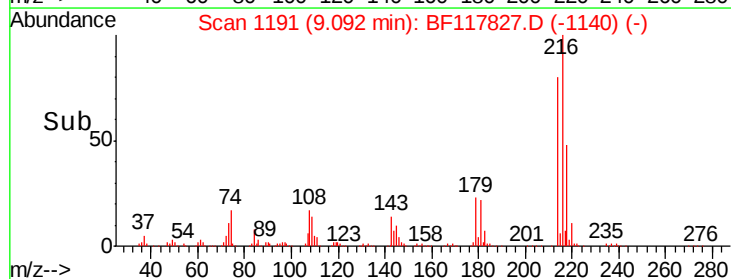


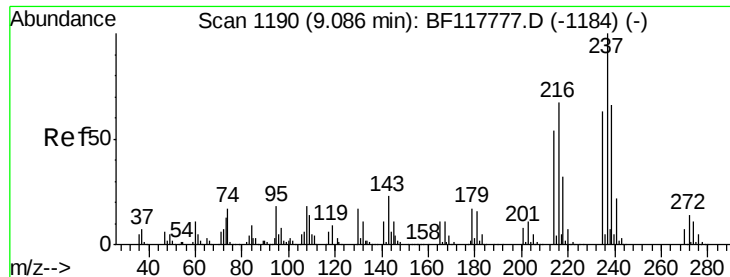
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.840 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

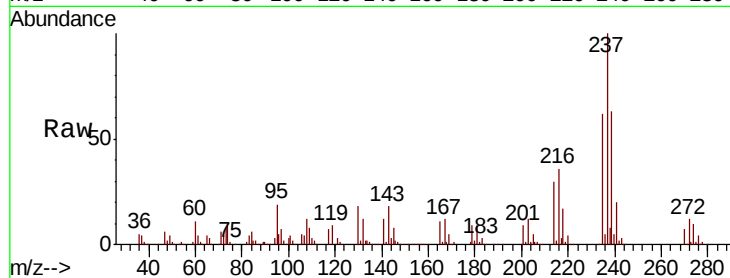
Tot Ion:237 Resp: 375123

Ion Ratio Lower Upper

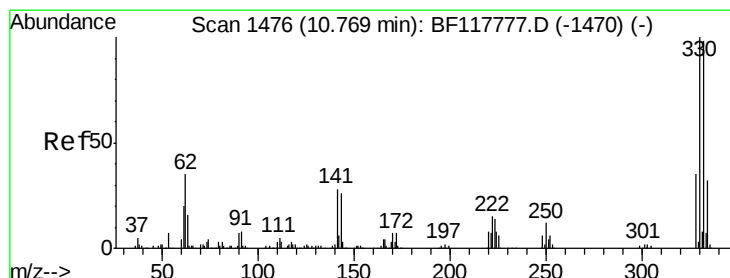
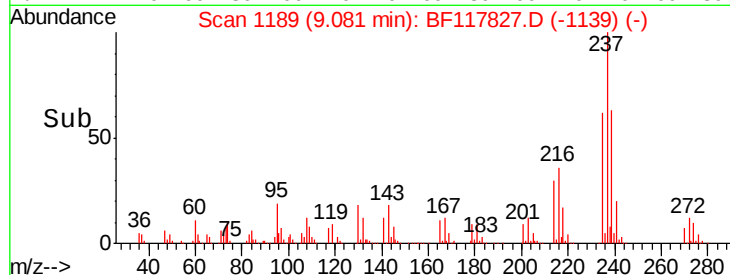
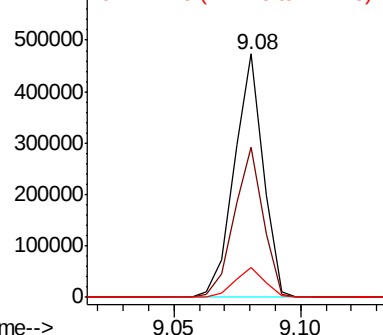
237 100

235 61.5 42.6 82.6

272 12.3 0.0 34.3



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: 80.063 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

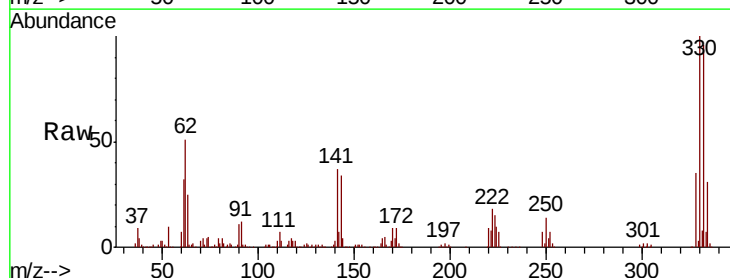
Tgt Ion:330 Resp: 503025

Ion Ratio Lower Upper

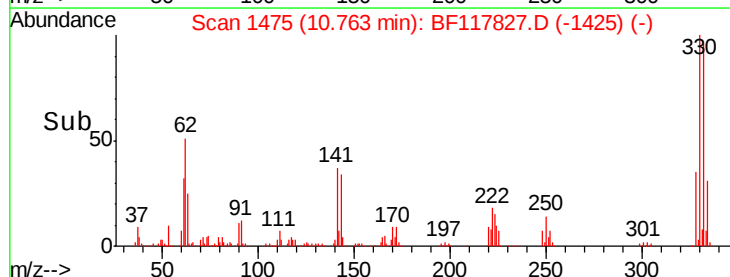
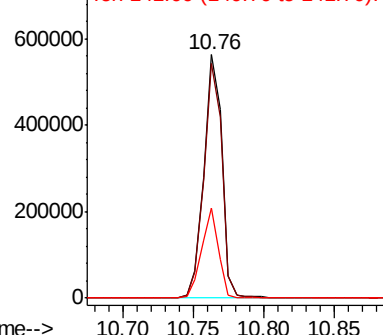
330 100

332 96.8 76.7 115.1

141 34.5 27.7 41.5



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

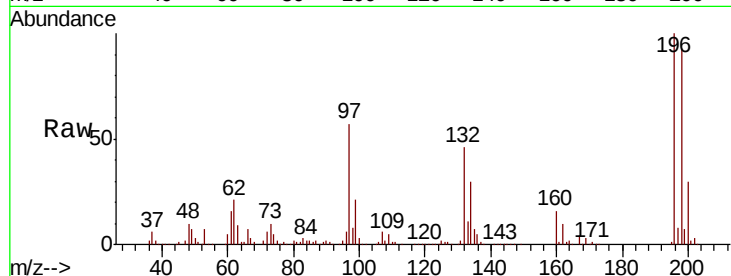




#43
 2,4,6-Trichlorophenol
 Concen: 40.678 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	502146
Ion	Ratio	Lower	Upper
196	100		
198	92.6	77.8	116.6
200	30.5	25.4	38.0

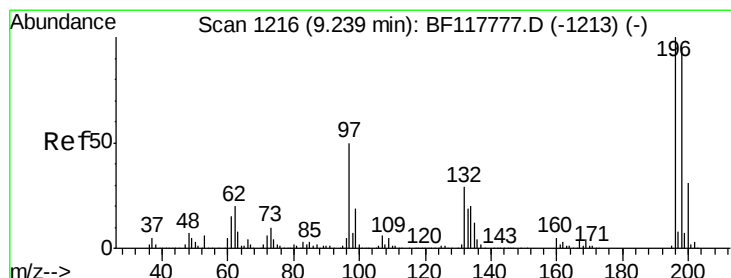
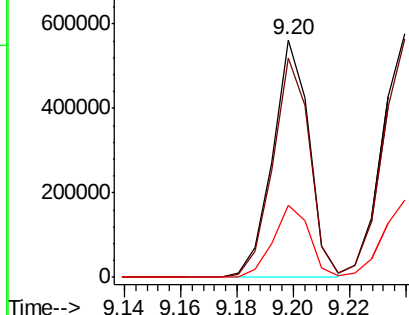
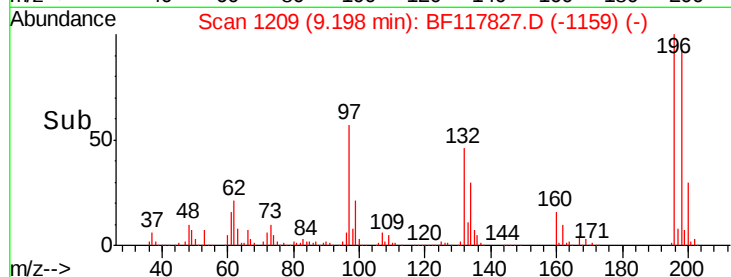


Abundance

Ion 196.00 (195.70 to 196.70): E

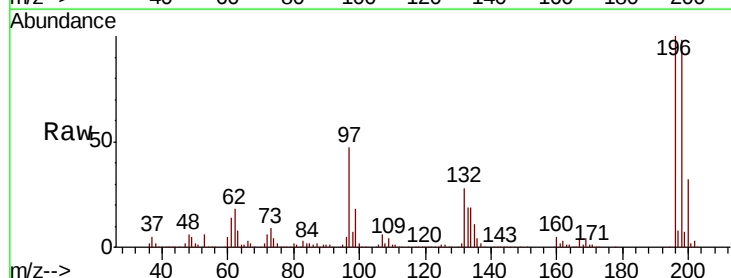
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.458 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion	196	Resp	505731
Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.3	114.5
97	46.9	40.0	60.0
132	27.9	23.6	35.4



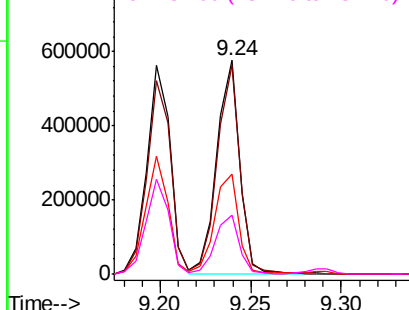
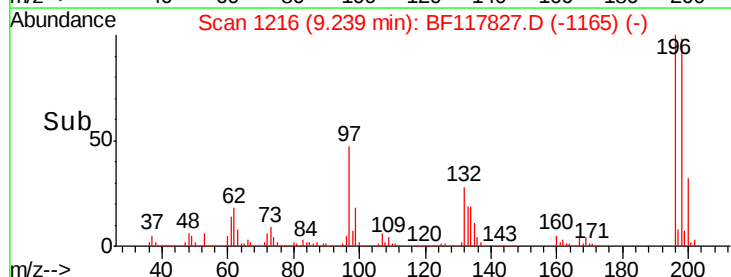
Abundance

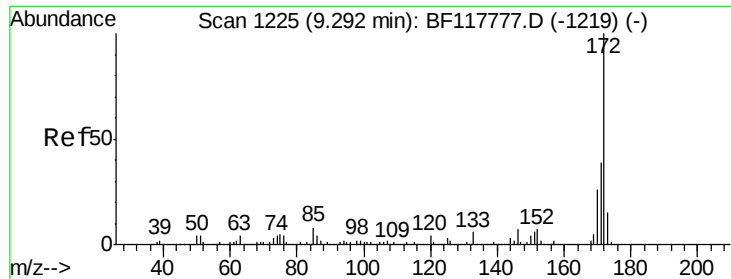
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

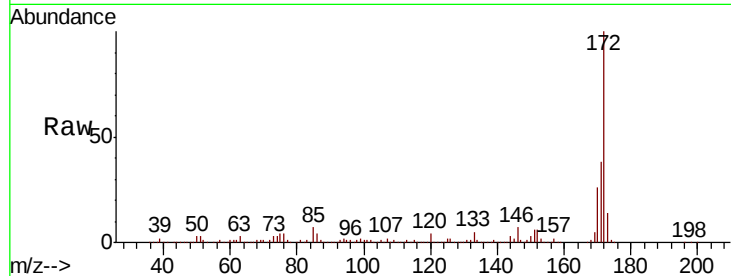




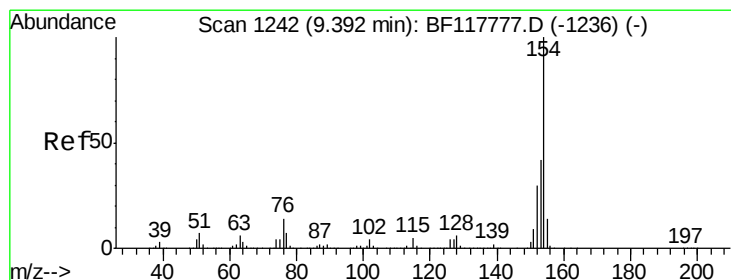
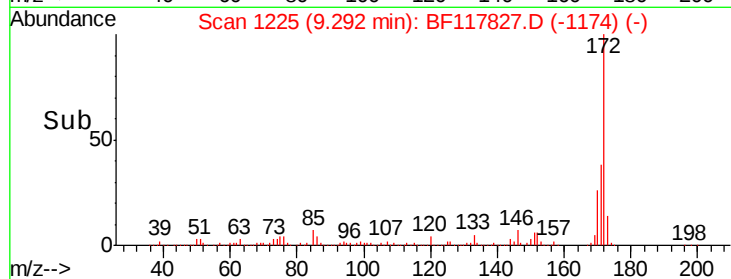
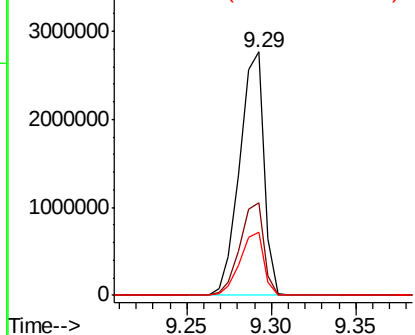
#45
2-Fluorobiphenyl
Concen: 84.125 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2782803
Ion Ratio Lower Upper
172 100
171 38.0 30.9 46.3
170 26.1 21.0 31.4

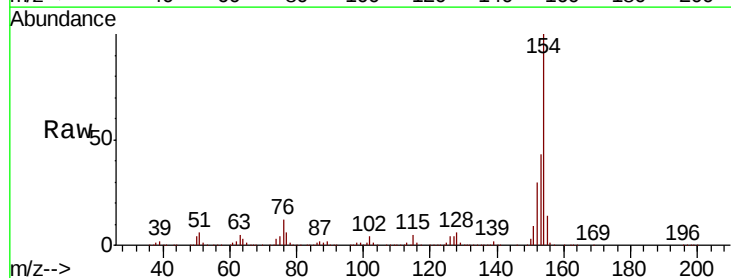


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

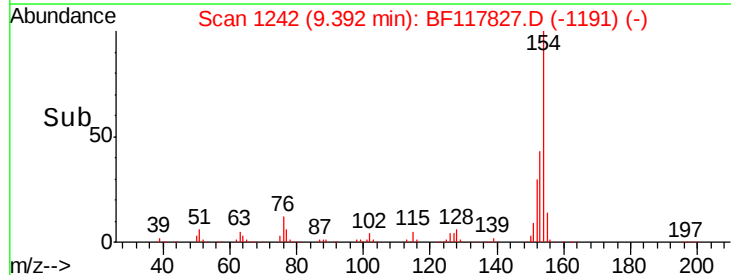
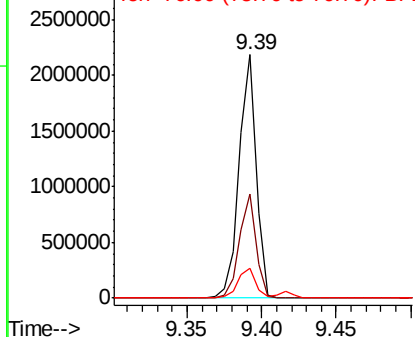


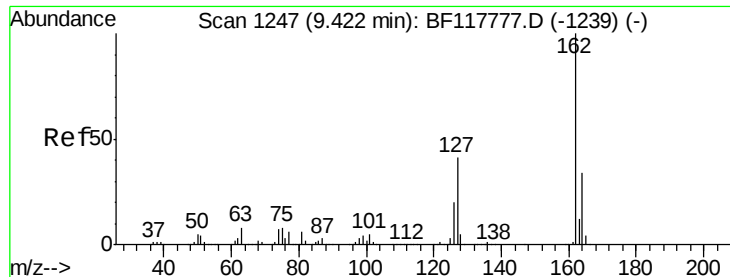
#46
1,1'-Biphenyl
Concen: 39.835 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:154 Resp: 1753881
Ion Ratio Lower Upper
154 100
153 42.9 21.9 61.9
76 12.4 0.0 33.6



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

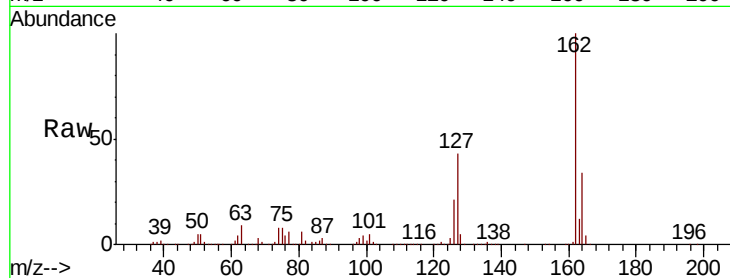




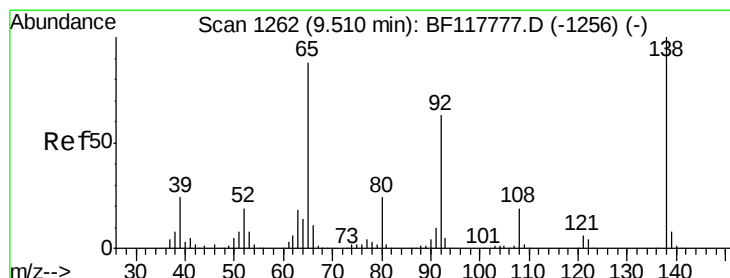
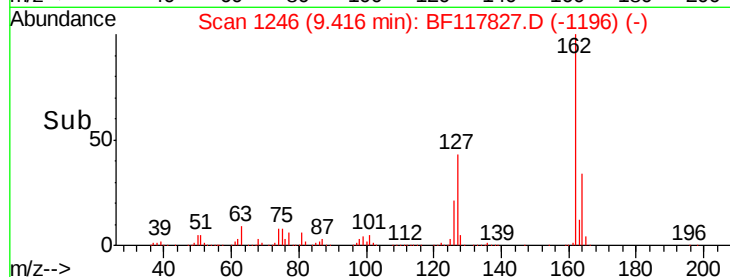
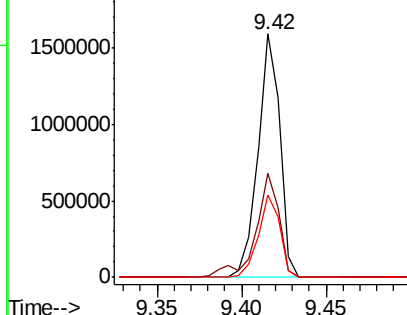
#47
 2-Chloronaphthalene
 Concen: 39.879 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1444420
 Ion Ratio Lower Upper
 162 100
 127 42.7 33.2 49.8
 164 33.7 27.3 40.9

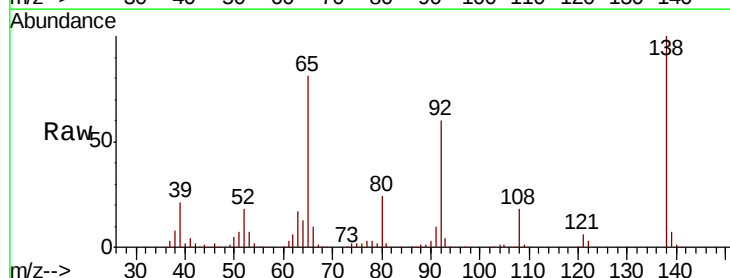


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

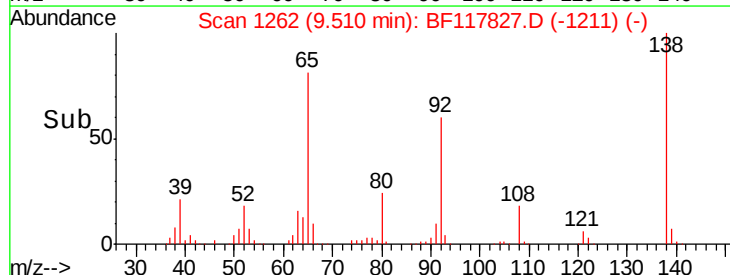
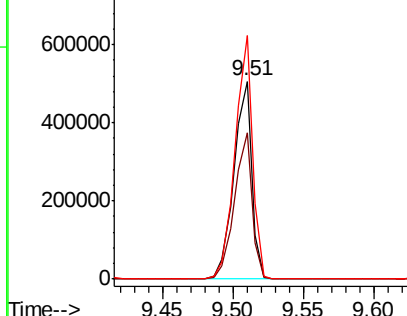


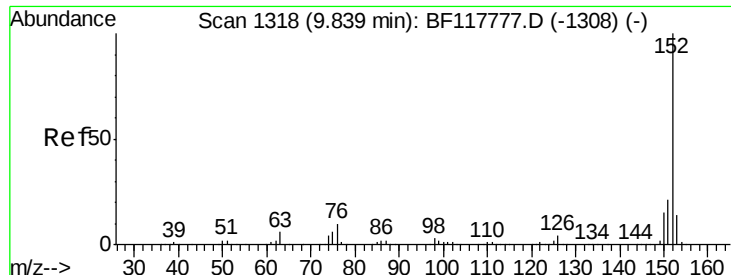
#48
 2-Nitroaniline
 Concen: 41.001 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion: 65 Resp: 448349
 Ion Ratio Lower Upper
 65 100
 92 73.8 56.6 84.8
 138 123.3 90.5 135.7



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





#49

Acenaphthylene

Concen: 40.037 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

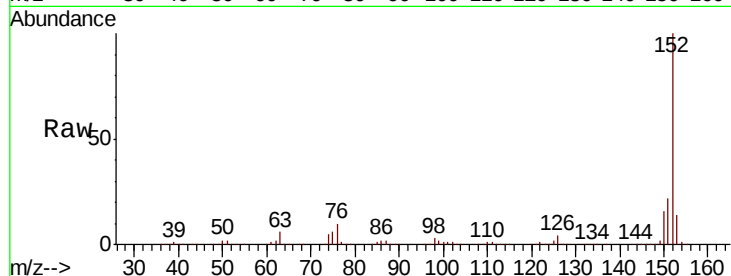
Tot Ion:152 Resp: 2114253

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.6

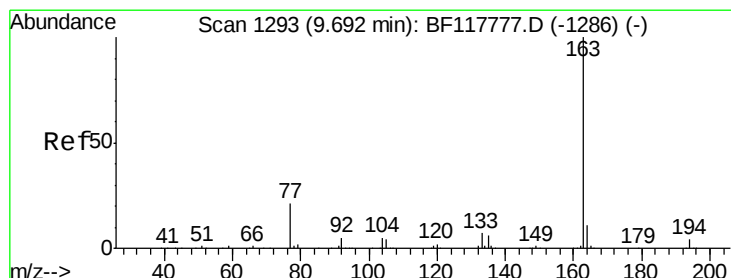
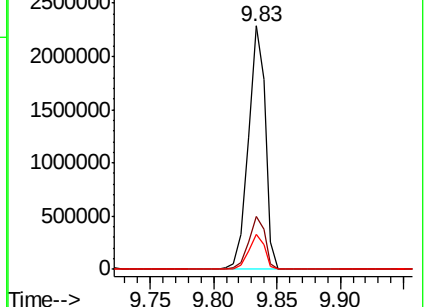
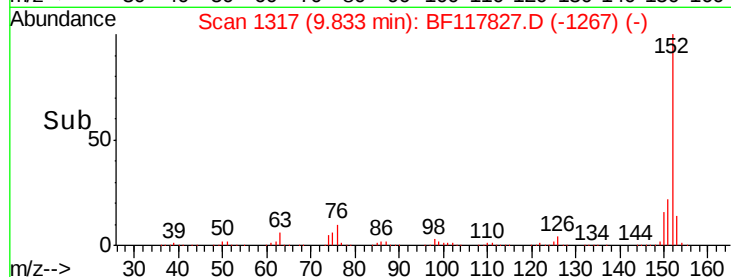
153 14.2 11.0 16.6



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: 39.145 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

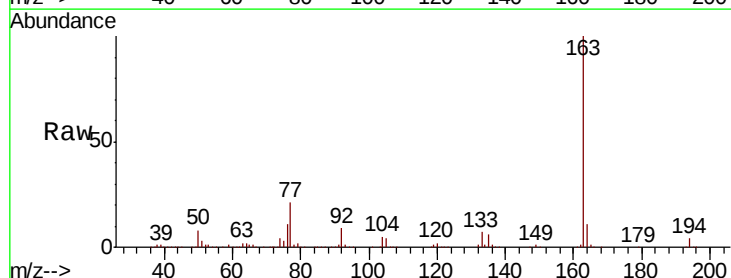
Tgt Ion:163 Resp: 1629056

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

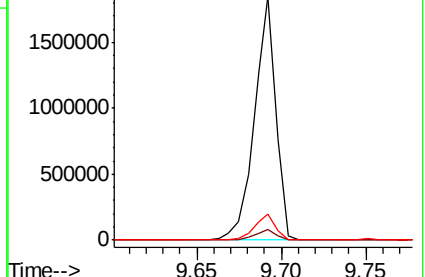
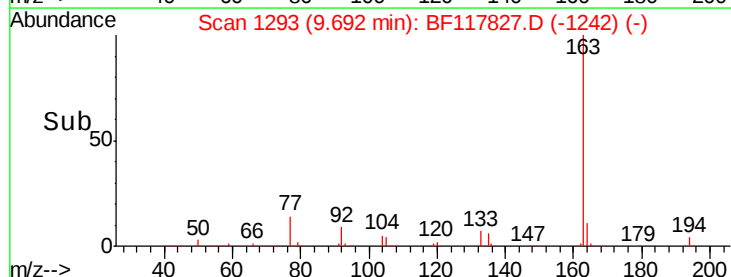
164 10.7 8.7 13.1

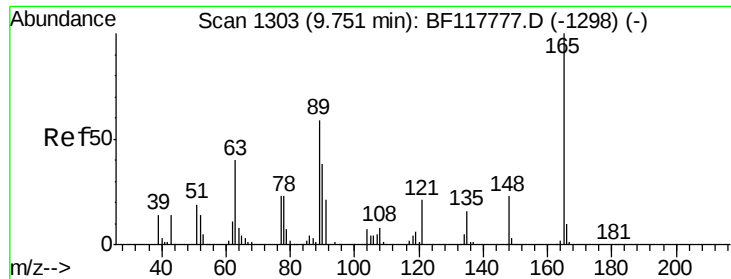


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

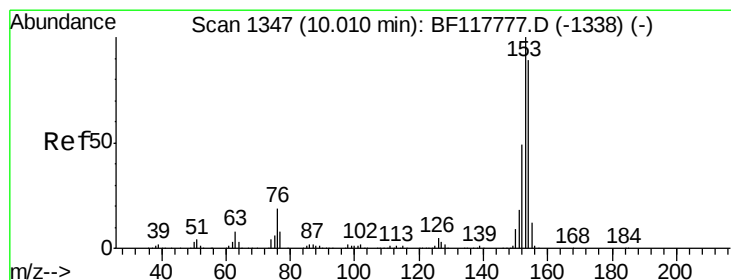
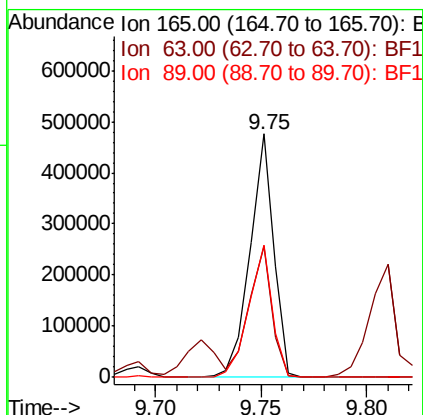
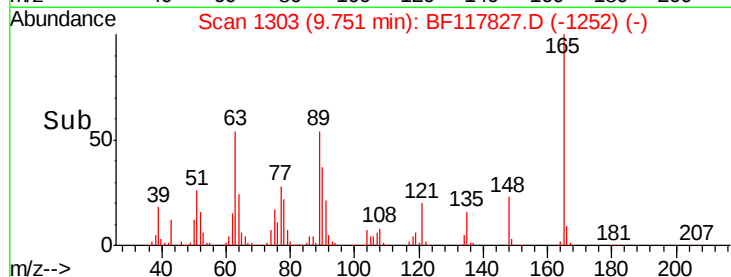
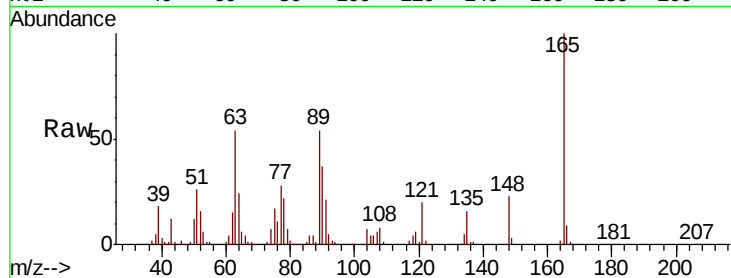




#51
2,6-Dinitrotoluene
Concen: 41.133 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

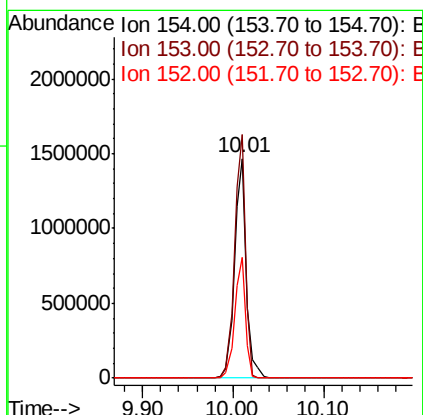
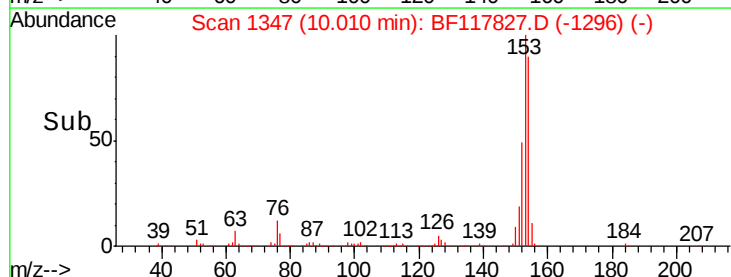
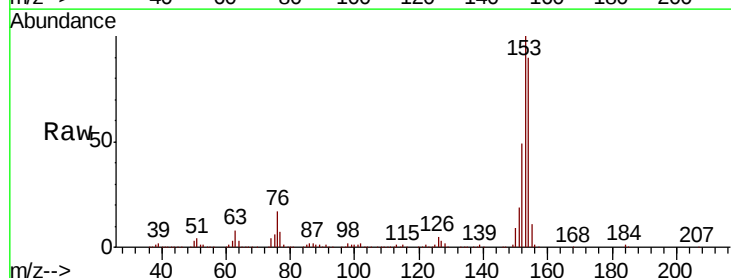
Instrument :
BNA_F
ClientSampleId :

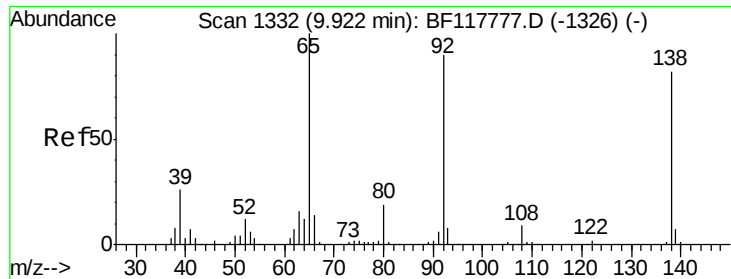
Tot Ion:165 Resp: 374113
Ion Ratio Lower Upper
165 100
63 53.8 46.0 69.0
89 54.2 47.7 71.5



#52
Acenaphthene
Concen: 39.312 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:154 Resp: 1329858
Ion Ratio Lower Upper
154 100
153 111.0 90.1 135.1
152 54.7 44.0 66.0

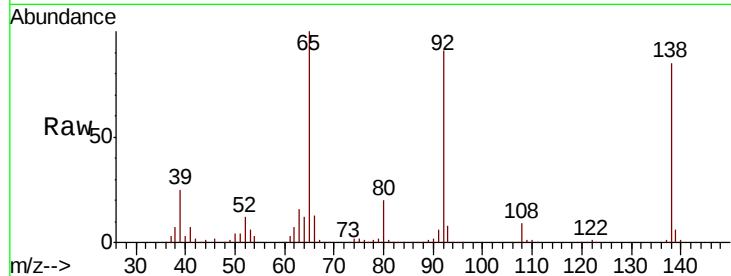




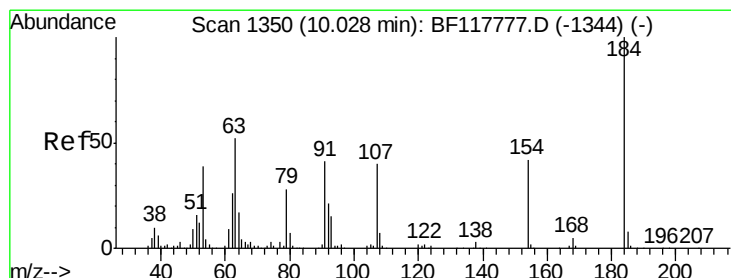
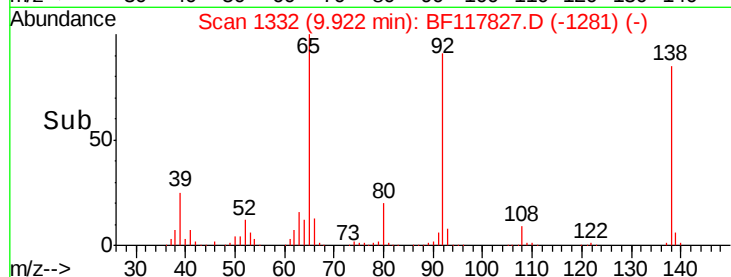
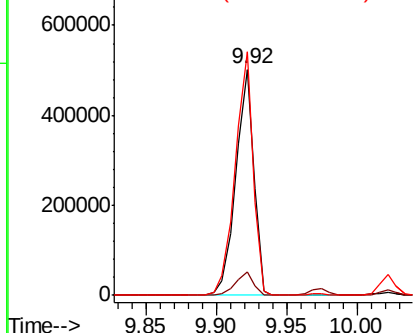
#53
3-Nitroaniline
Concen: 41.153 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 447868
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 107.8 87.9 131.9

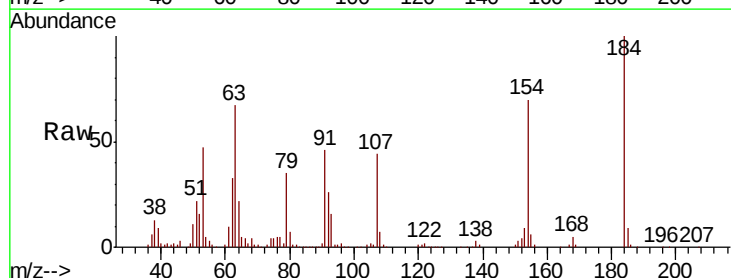


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

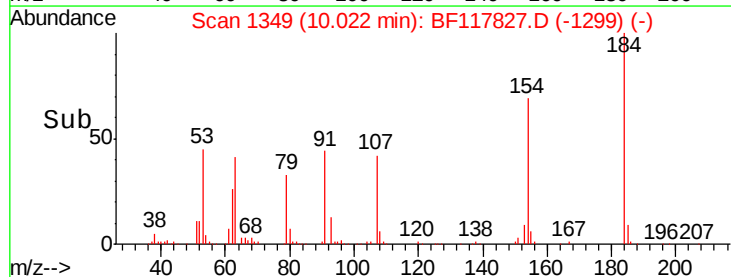
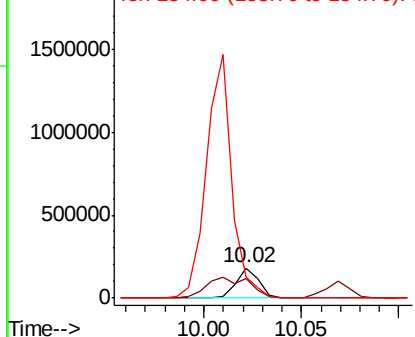


#54
2,4-Dinitrophenol
Concen: 35.788 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:184 Resp: 146734
Ion Ratio Lower Upper
184 100
63 67.1 43.0 64.6#
154 69.7 48.0 72.0



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

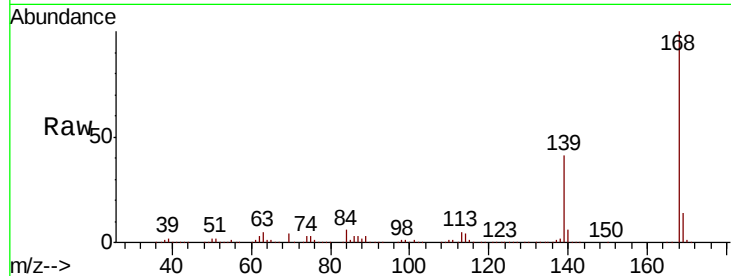




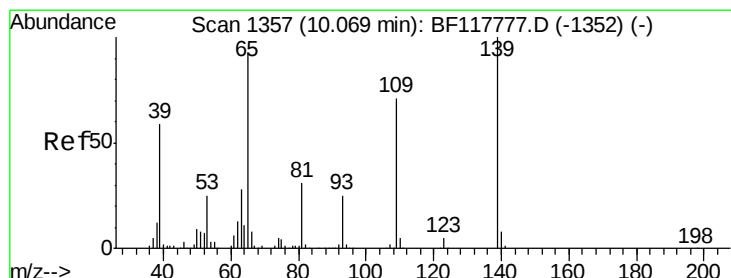
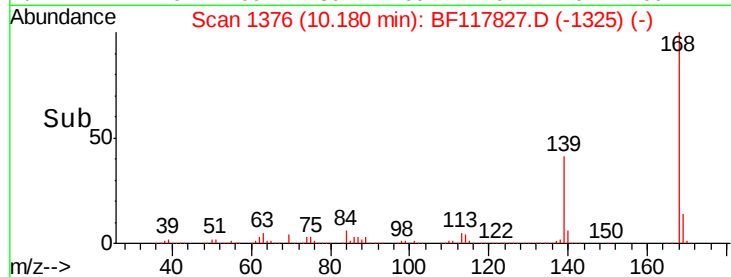
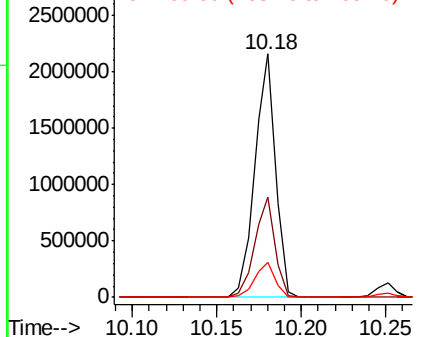
#55
Dibenzenofuran
Concen: 39.540 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1852206
Ion Ratio Lower Upper
168 100
139 41.3 33.0 49.6
169 14.1 11.5 17.3

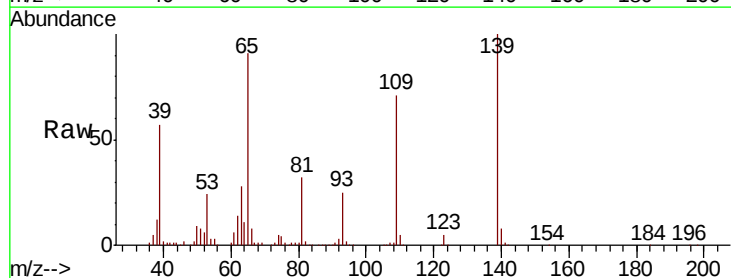


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

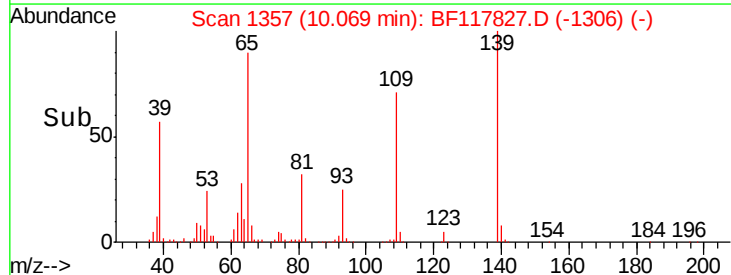
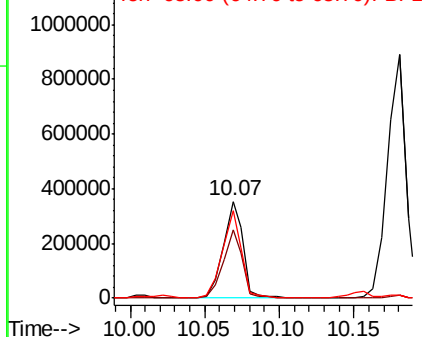


#56
4-Nitrophenol
Concen: 41.378 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:139 Resp: 336134
Ion Ratio Lower Upper
139 100
109 70.8 50.8 90.8
65 90.5 73.6 113.6



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

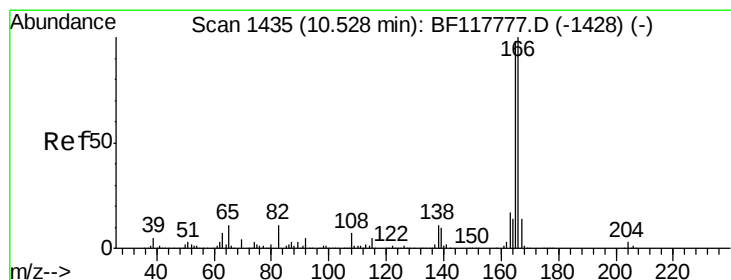
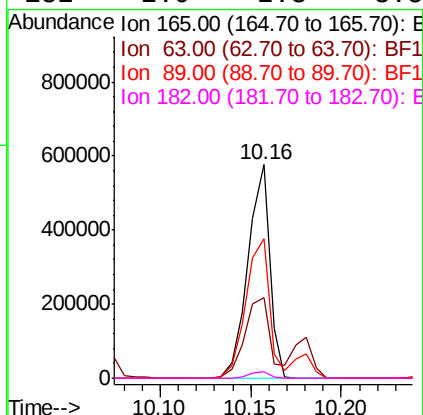
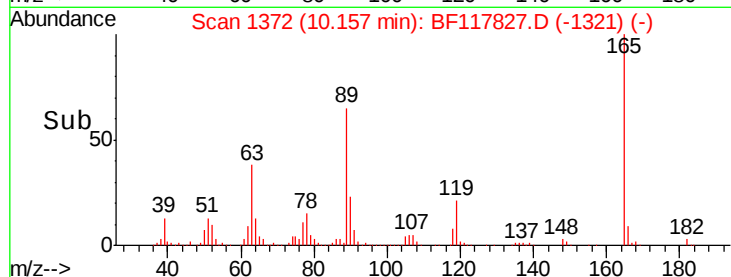
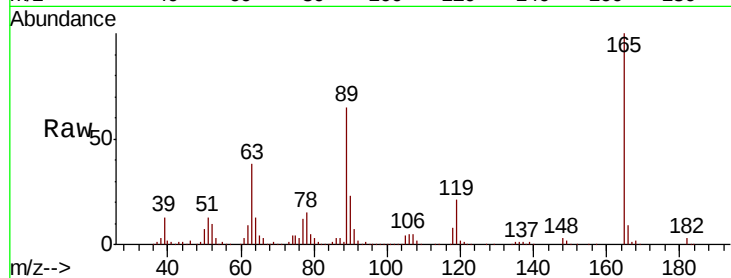




#57
2,4-Dinitrotoluene
Concen: 41.843 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

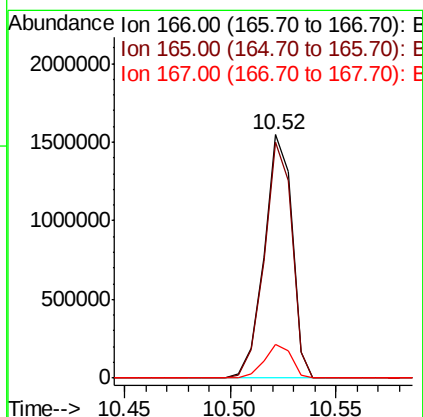
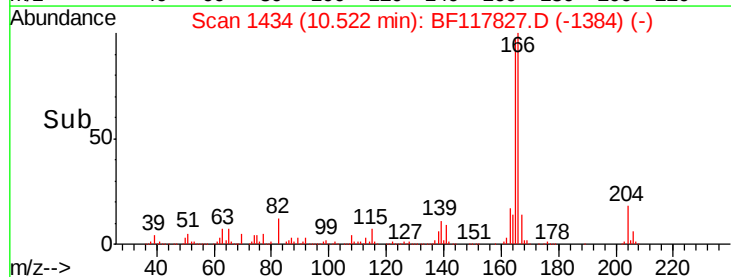
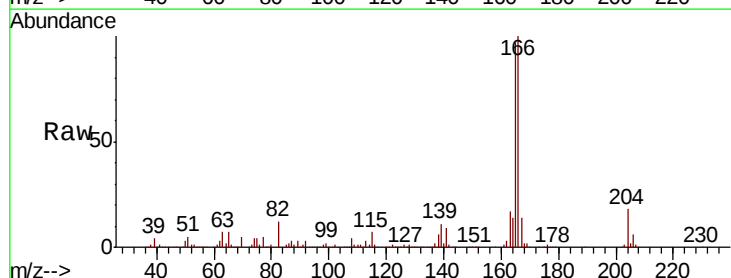
Instrument :
BNA_F
ClientSampleId :

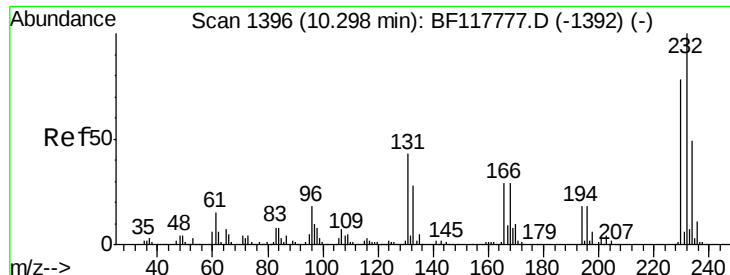
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.9	33.7	50.5
89	65.3	57.3	85.9
182	2.9	2.3	3.5



#58
Fluorene
Concen: 39.081 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.4	117.6
167	13.7	11.0	16.4

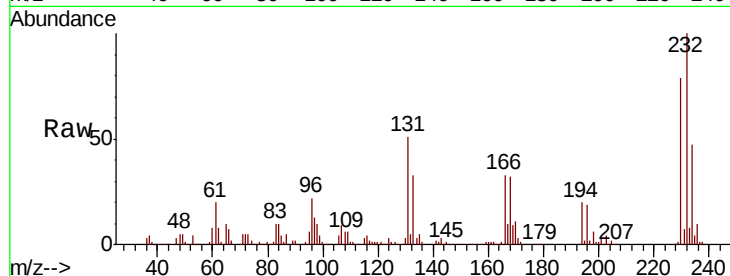




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.342 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	37.6	56.4
130	2.3	1.9	2.9
166	30.7	24.2	36.4



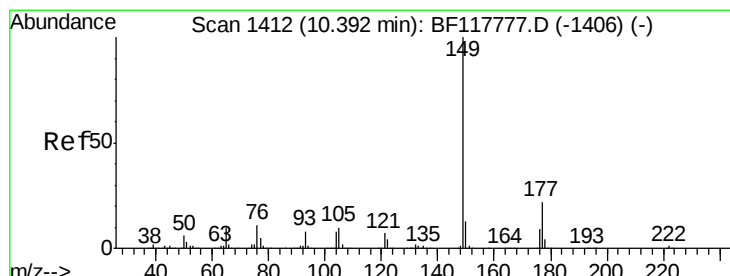
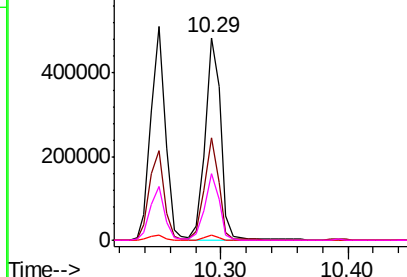
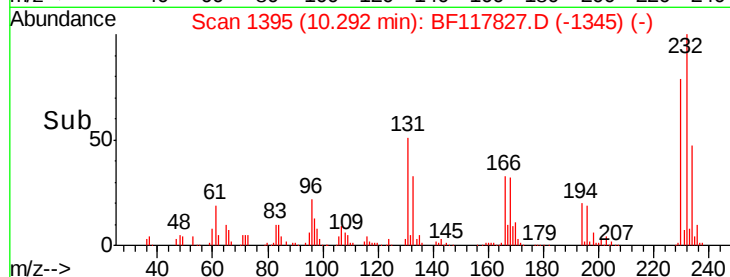
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

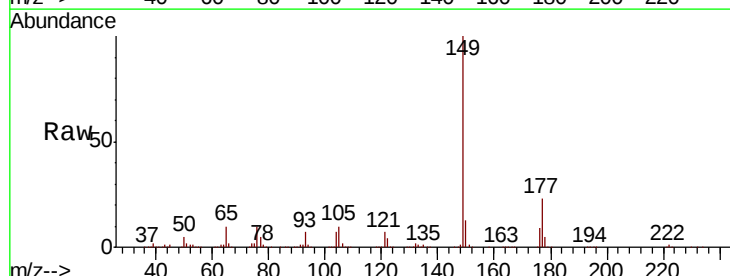
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.873 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.0	27.0
150	13.2	10.5	15.7

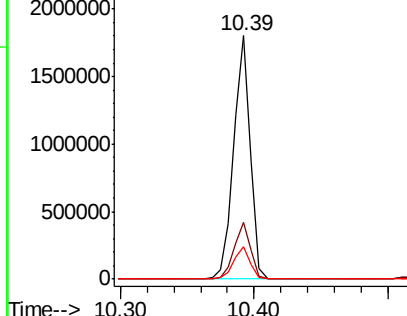
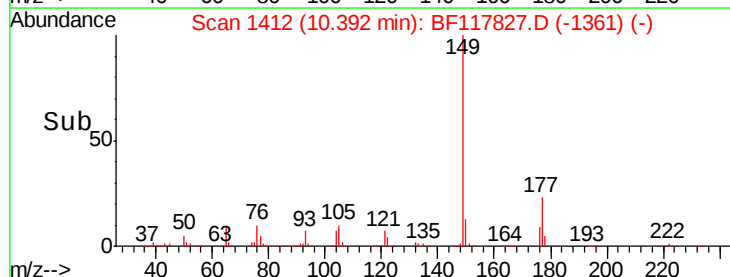


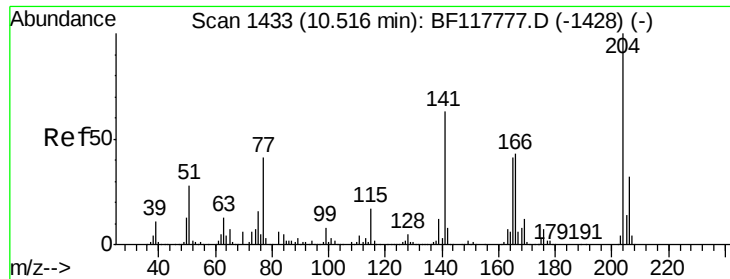
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

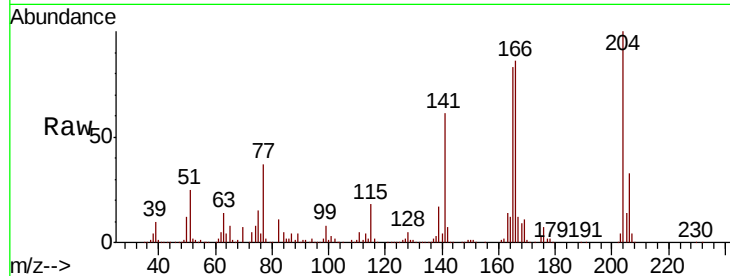




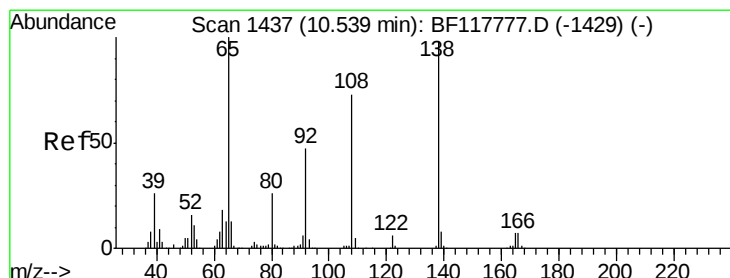
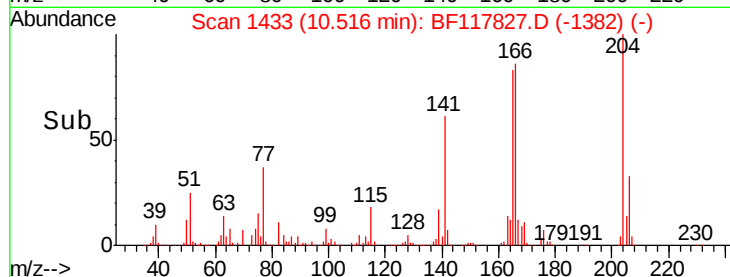
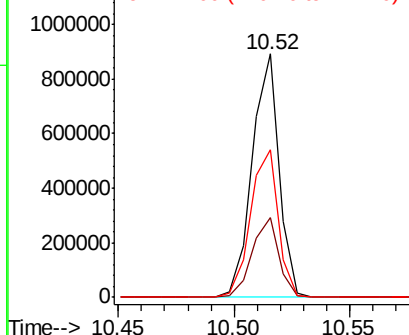
#61
4-Chlorophenyl-phenylether
Concen: 39.446 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 726671
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 60.6 50.7 76.1

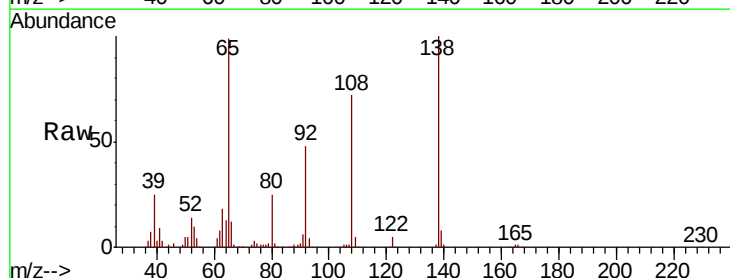


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

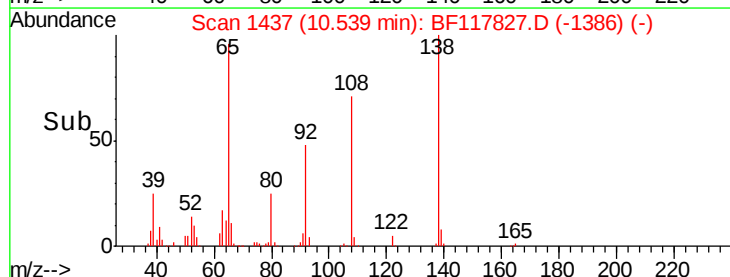
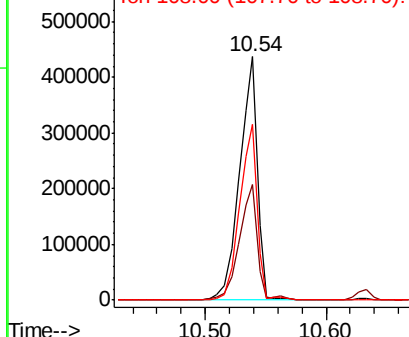


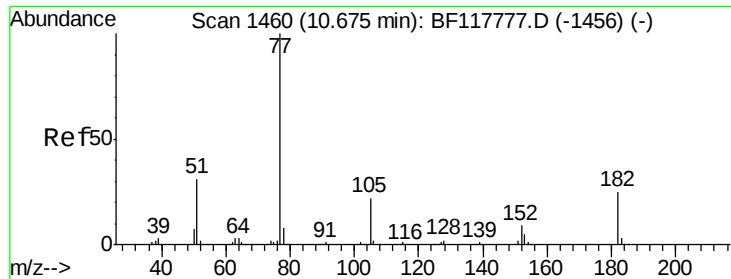
#62
4-Nitroaniline
Concen: 41.295 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:138 Resp: 449984
Ion Ratio Lower Upper
138 100
92 47.7 28.3 68.3
108 72.2 54.3 94.3



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

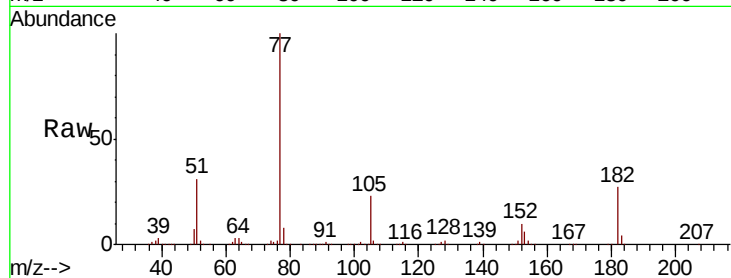




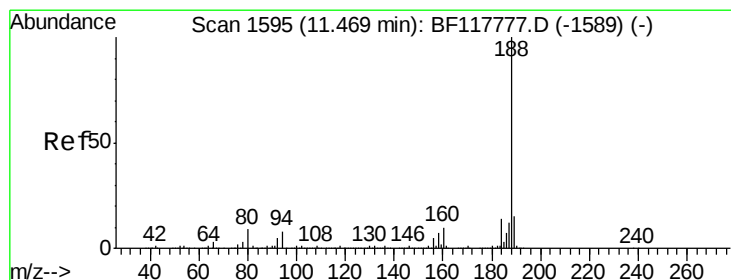
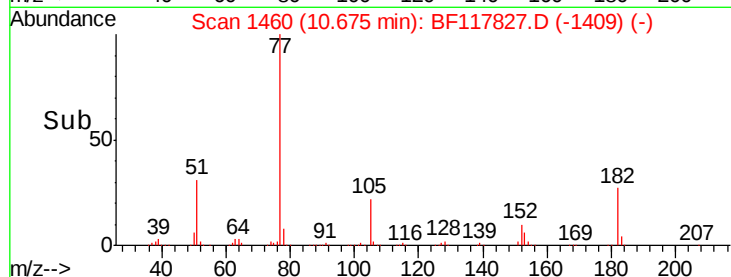
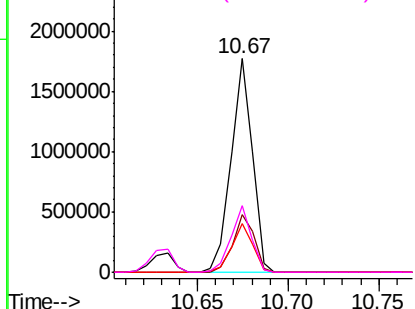
#63
Azobenzene
Concen: 39.270 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1449509
Ion Ratio Lower Upper
77 100
182 26.7 4.8 44.8
105 22.7 2.1 42.1
51 30.9 11.4 51.4

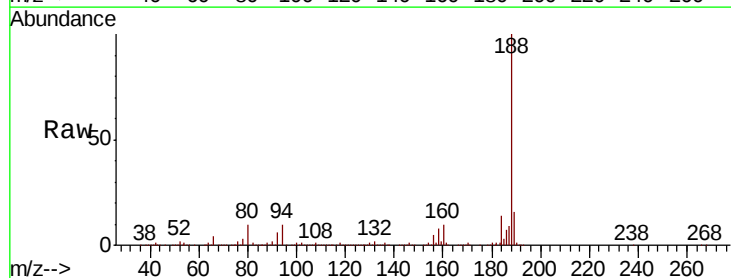


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

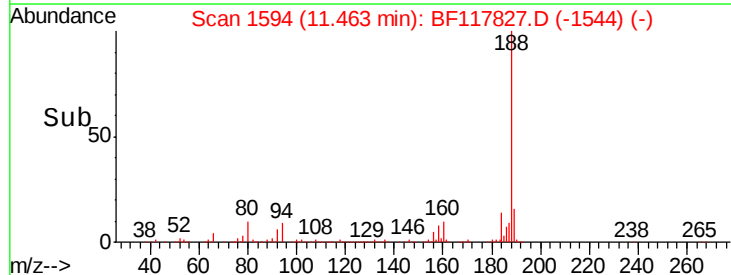
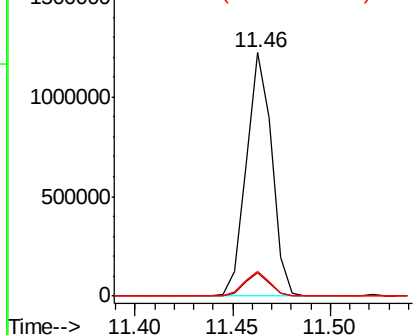


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion: 188 Resp: 1102926
Ion Ratio Lower Upper
188 100
94 9.5 6.6 10.0
80 10.2 7.2 10.8



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: 40.471 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

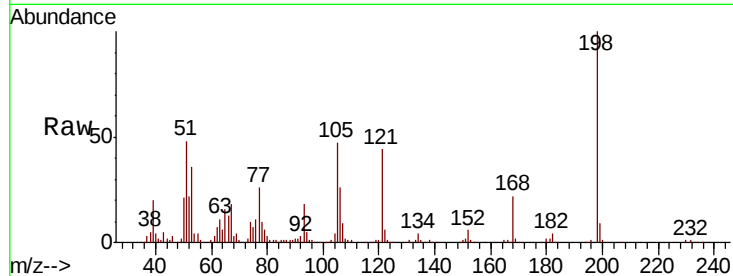
Tot Ion:198 Resp: 208377

Ion Ratio Lower Upper

198 100

51 47.5 16.0 56.0

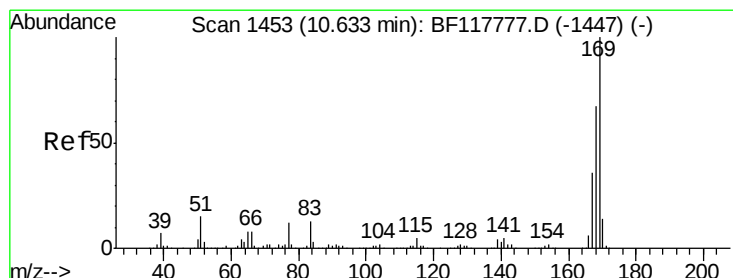
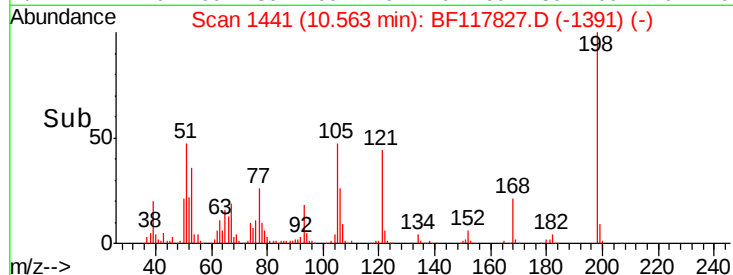
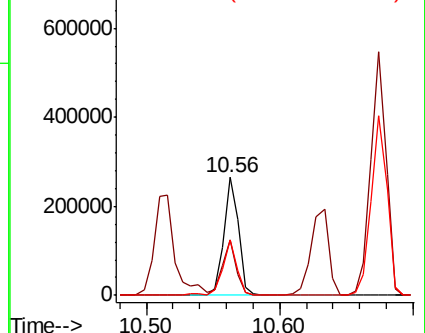
105 47.0 19.1 59.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.267 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

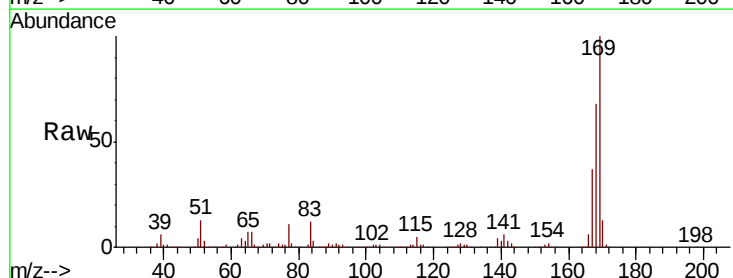
Tgt Ion:169 Resp: 1260394

Ion Ratio Lower Upper

169 100

168 68.0 53.5 80.3

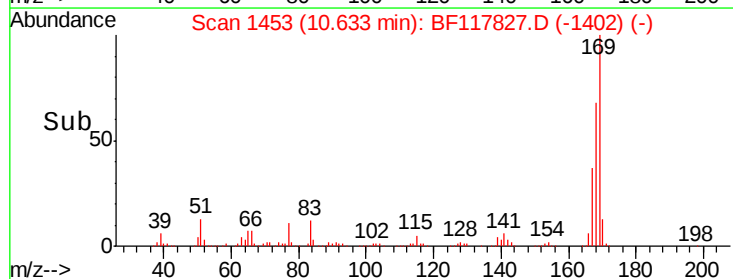
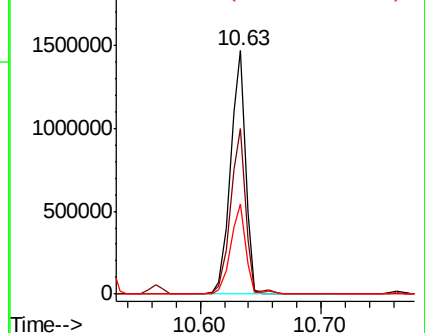
167 37.1 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

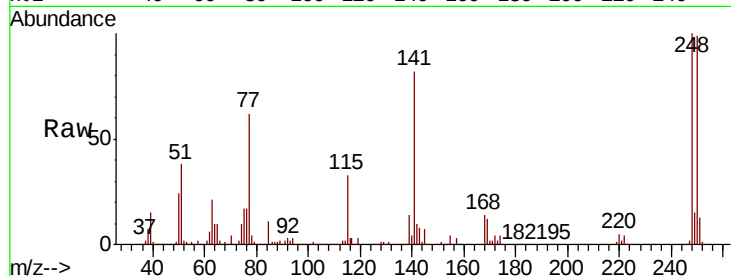




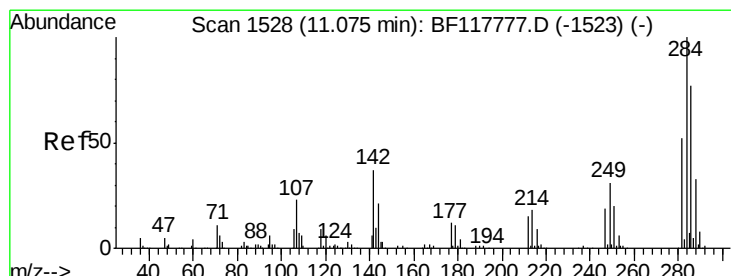
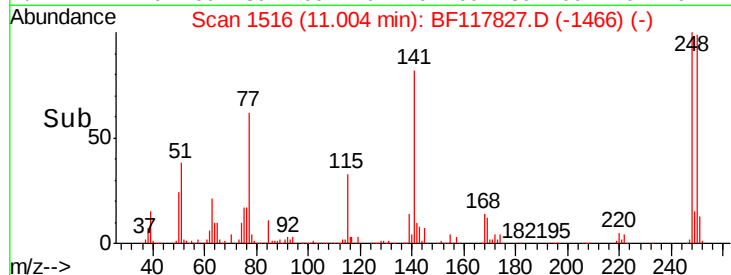
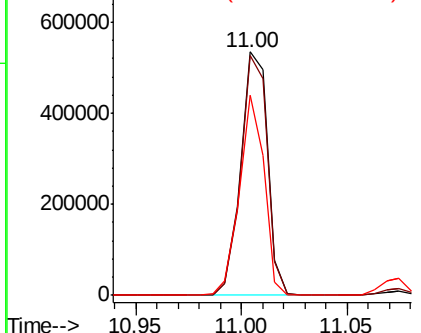
#67
4-Bromophenyl-phenylether
Concen: 39.607 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 471339
Ion Ratio Lower Upper
248 100
250 98.6 76.6 115.0
141 82.1 55.9 83.9

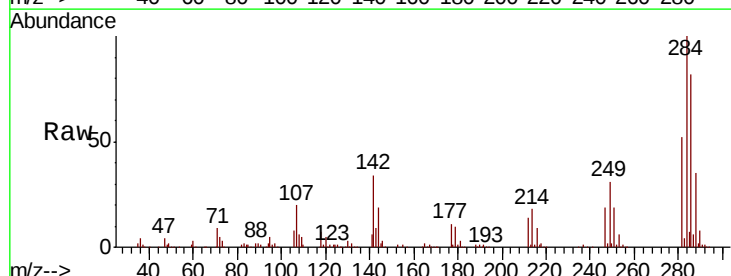


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

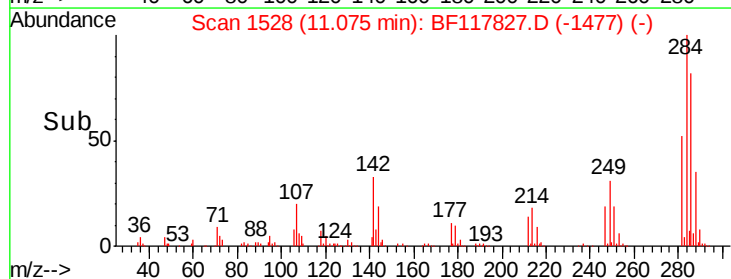
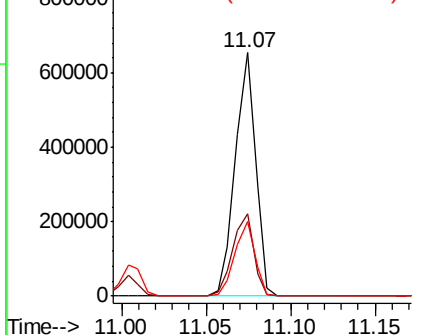


#68
Hexachlorobenzene
Concen: 39.511 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:284 Resp: 548279
Ion Ratio Lower Upper
284 100
142 33.7 29.4 44.2
249 30.9 24.6 37.0



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

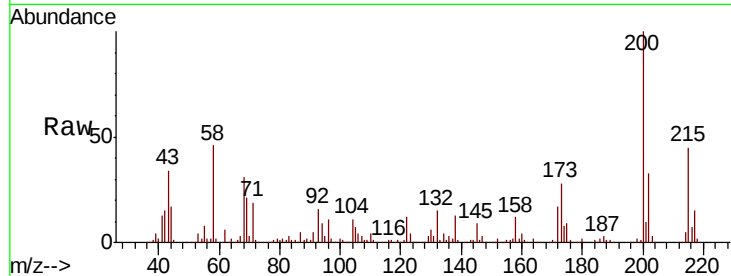




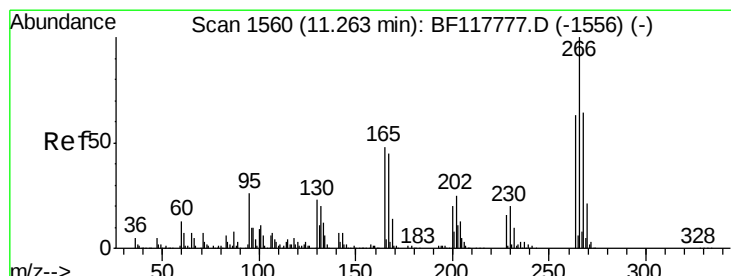
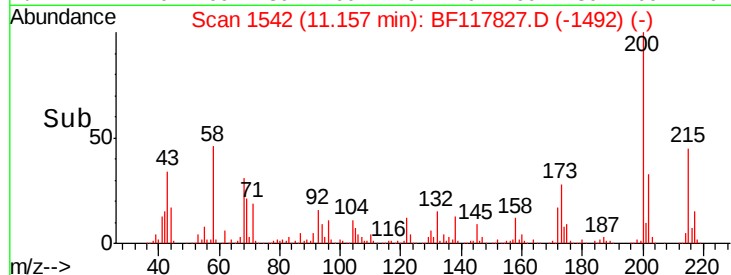
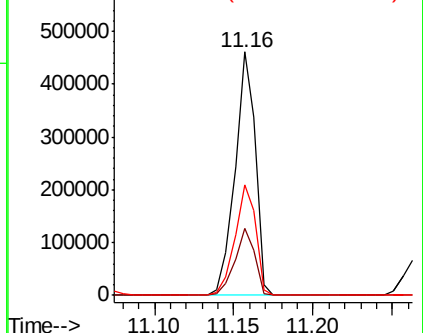
#69
Atrazine
Concen: 38.757 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.7	46.7
215	45.5	27.5	67.5

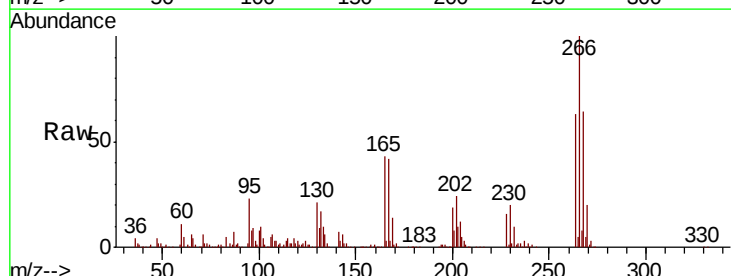


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

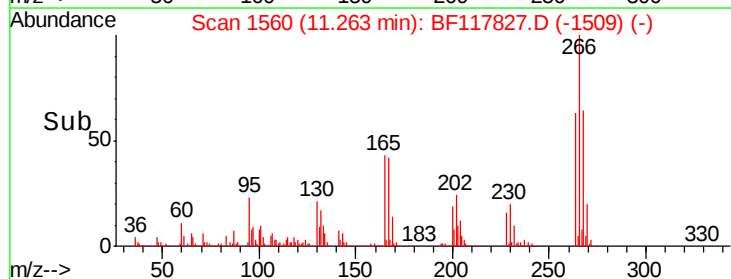
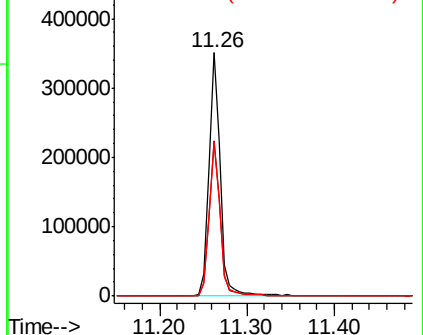


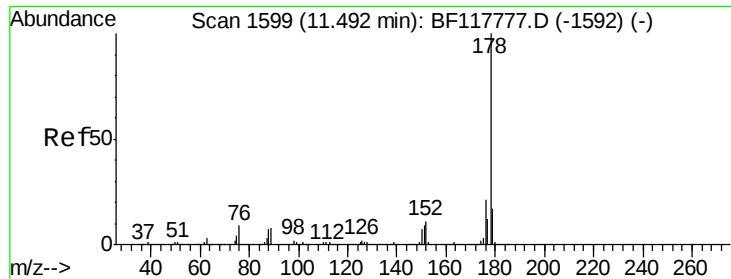
#70
Pentachlorophenol
Concen: 39.159 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.8	76.2
264	63.4	50.7	76.1



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

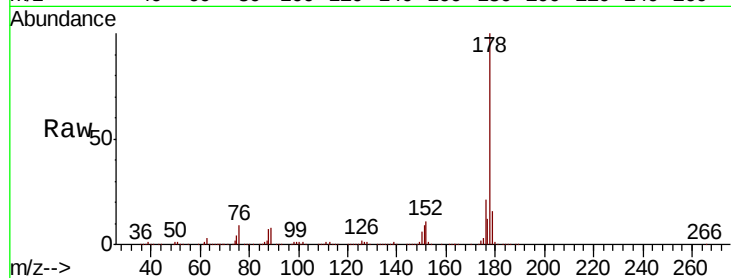




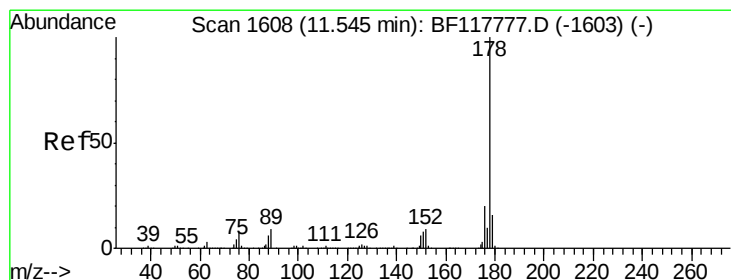
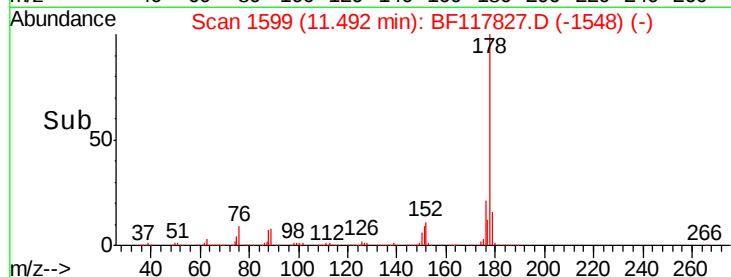
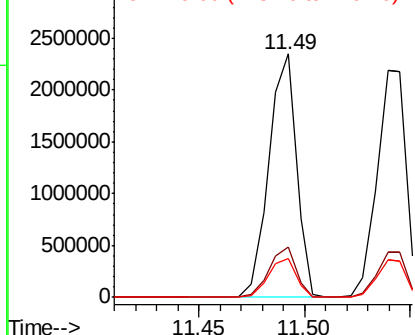
#71
Phenanthrene
Concen: 38.636 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 2142404
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 16.2 13.2 19.8

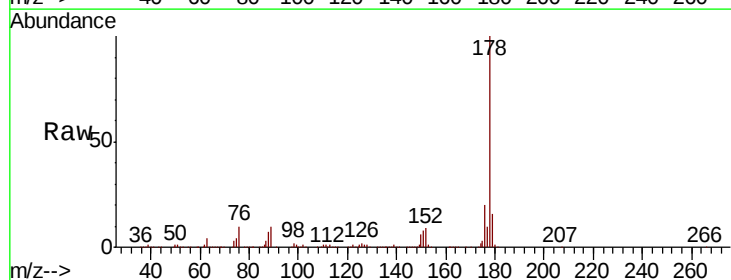


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

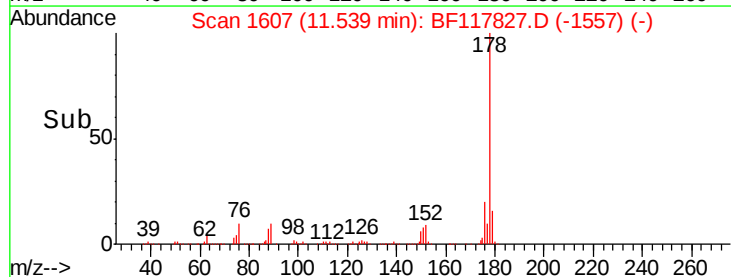
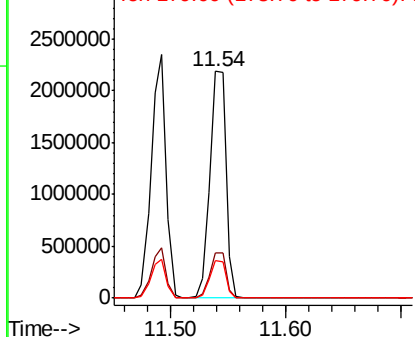


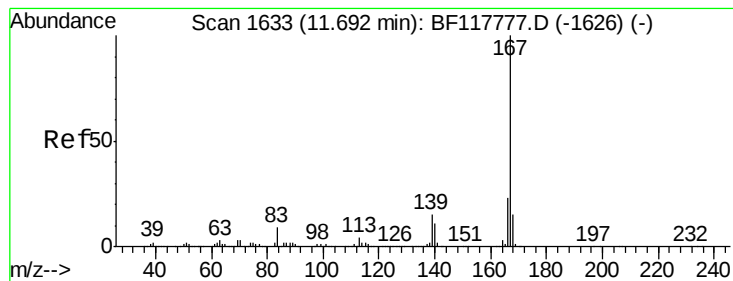
#72
Anthracene
Concen: 38.758 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:178 Resp: 2130847
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.650 ng

RT: 11.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

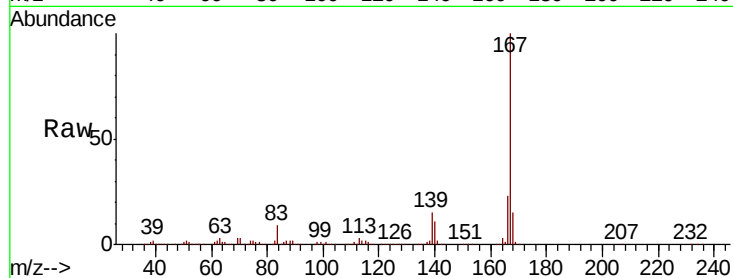
Tot Ion:167 Resp: 1952962

Ion Ratio Lower Upper

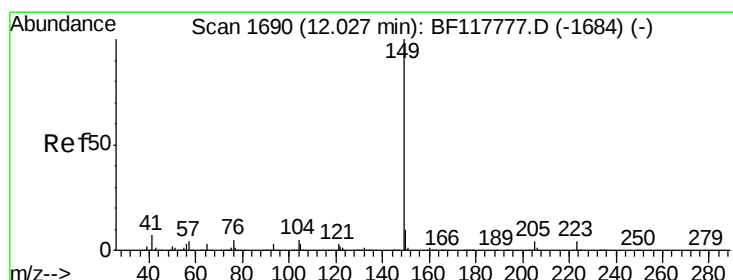
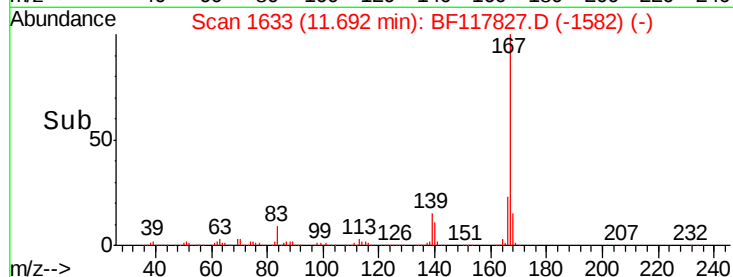
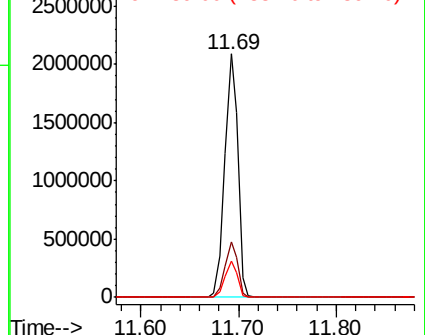
167 100

166 22.9 18.0 27.0

139 14.7 11.7 17.5



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: 38.465 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

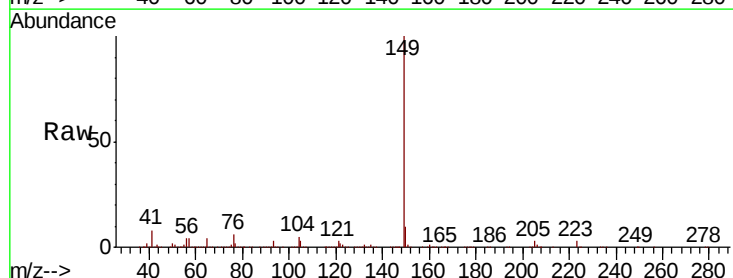
Tgt Ion:149 Resp: 2300923

Ion Ratio Lower Upper

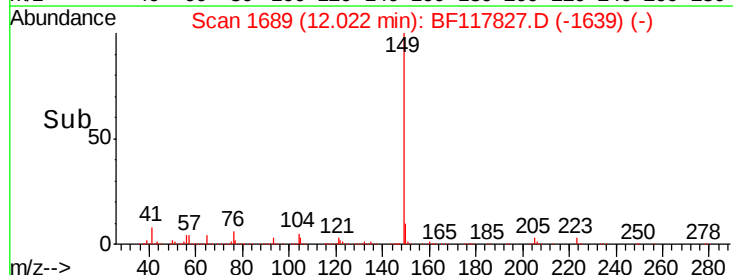
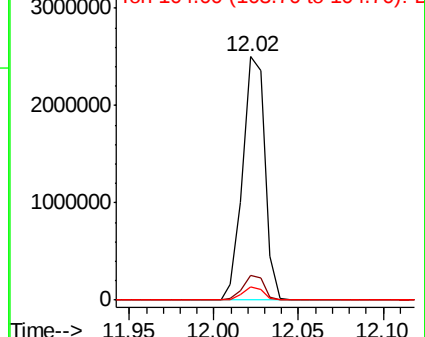
149 100

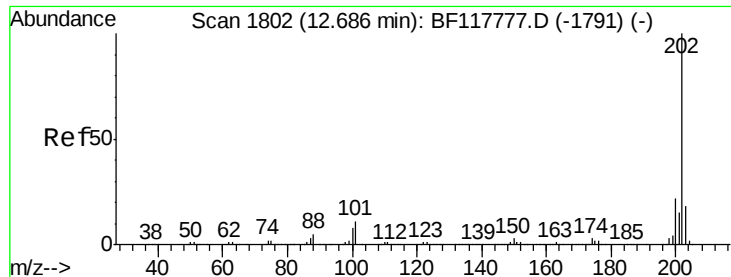
150 10.0 7.9 11.9

104 5.4 4.2 6.4



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

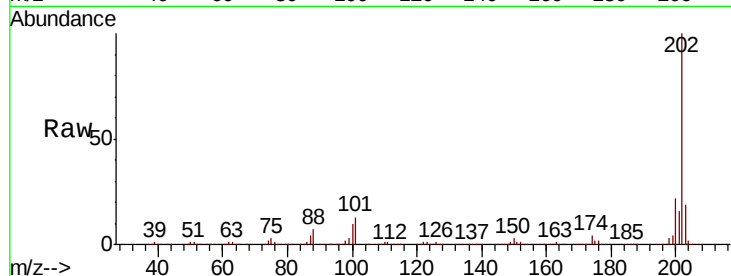




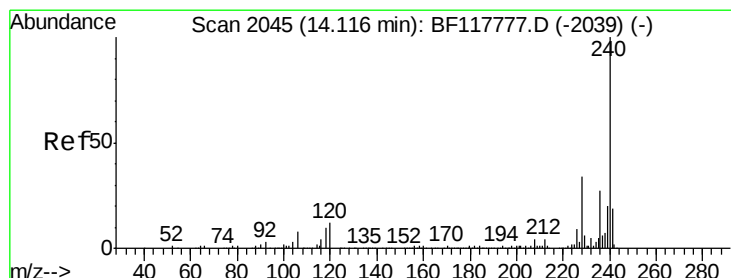
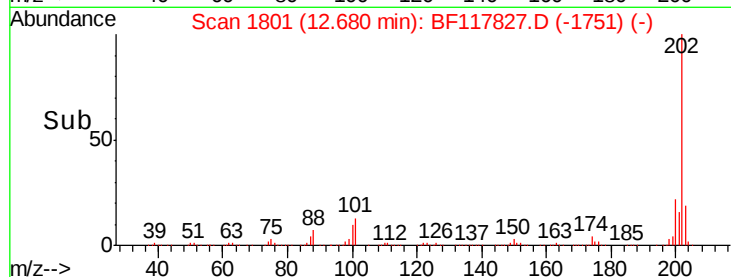
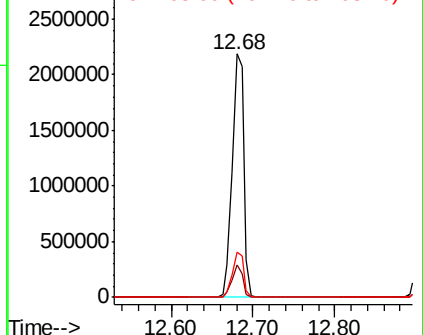
#75
 Fluoranthene
 Concen: 42.016 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2146814
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 31.1
 203 18.7 0.0 38.2

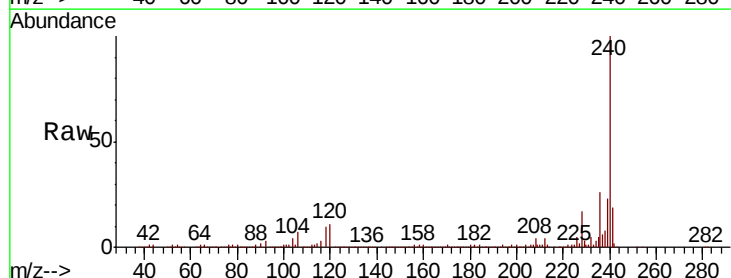


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

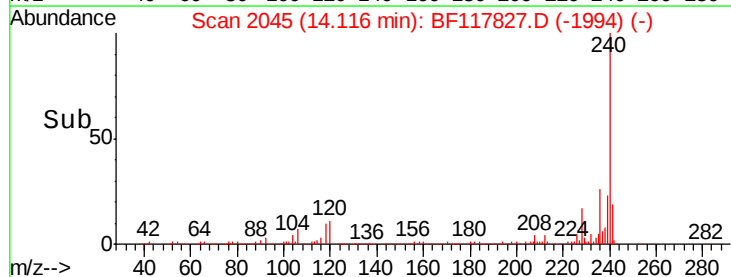
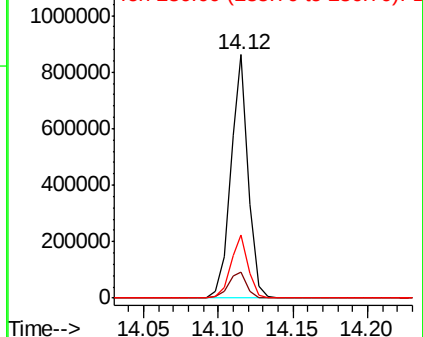


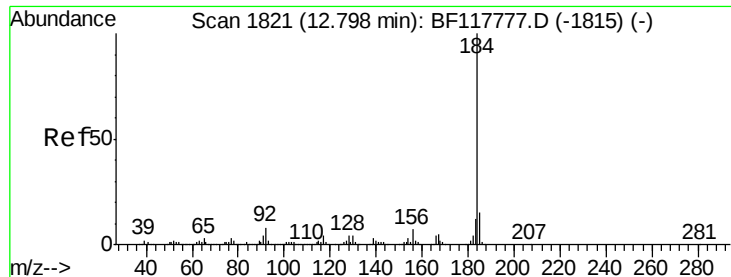
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion:240 Resp: 705452
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.5 14.3
 236 25.7 21.3 31.9



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: 34.944 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

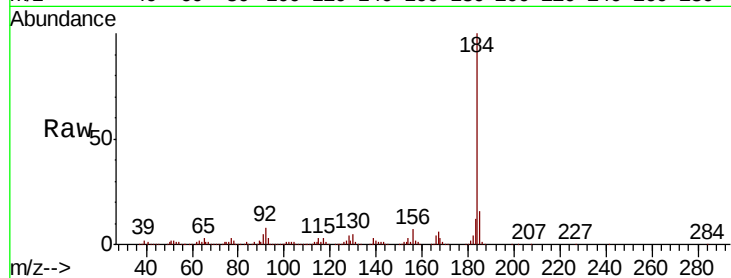
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 807477

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.4
183	12.2	9.5	14.3

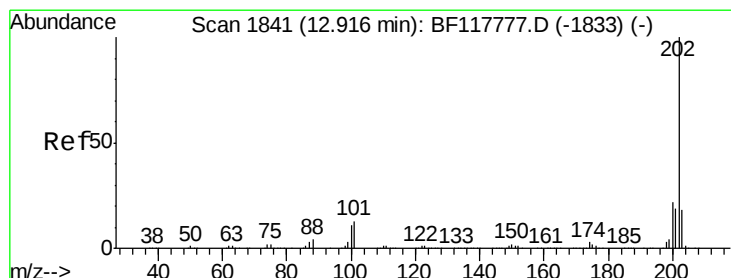
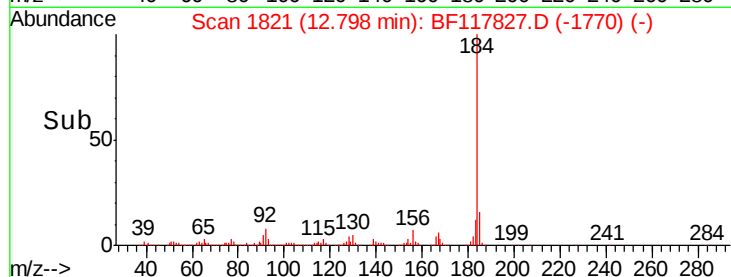
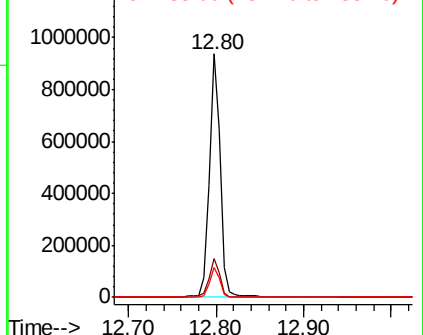


Abundance

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: 37.059 ng

RT: 12.92 min Scan# 1841

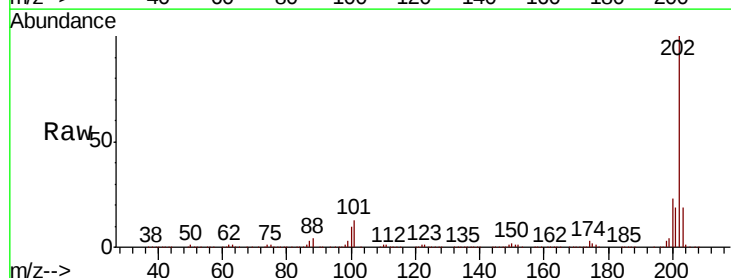
Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Tgt Ion:202 Resp: 2112802

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.8
203	18.8	14.6	22.0

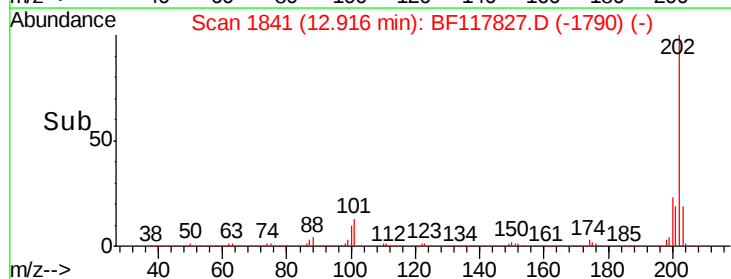
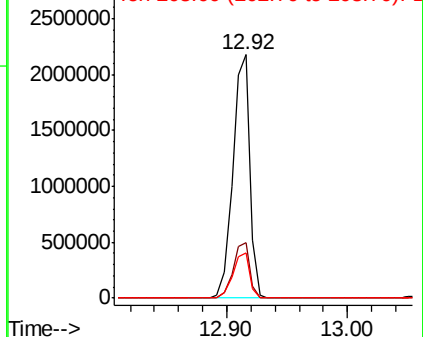


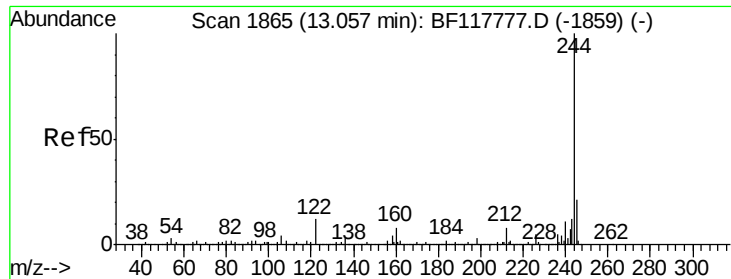
Abundance

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



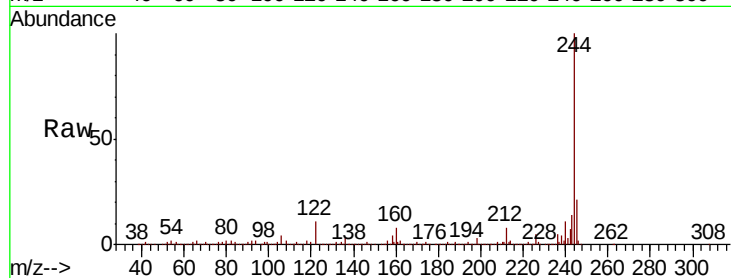


#79
 Terphenyl-d14
 Concen: 74.778 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

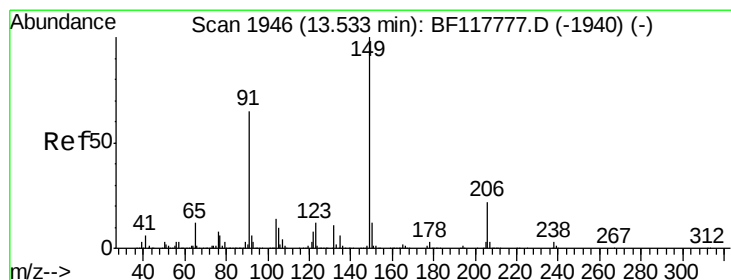
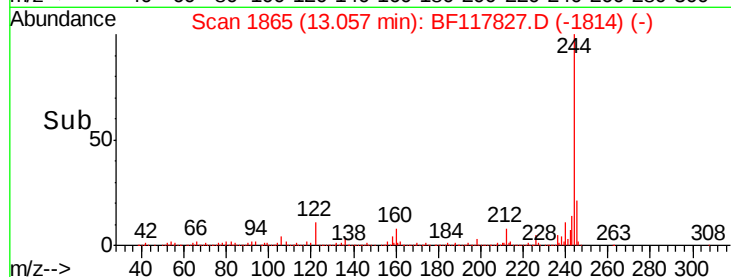
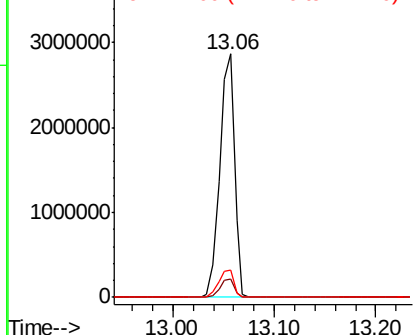
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2886400

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	11.3	9.4	14.2



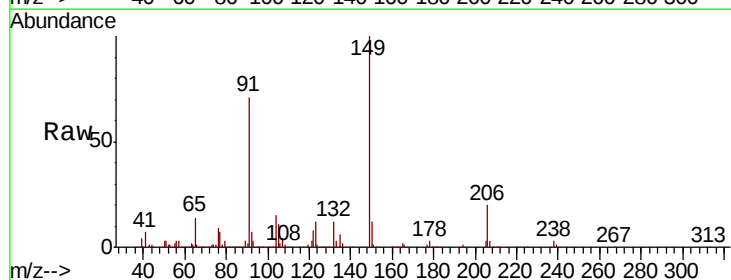
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



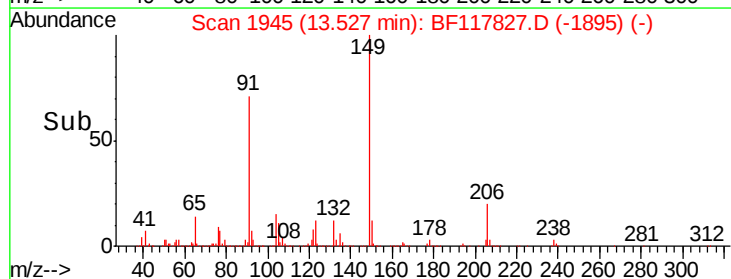
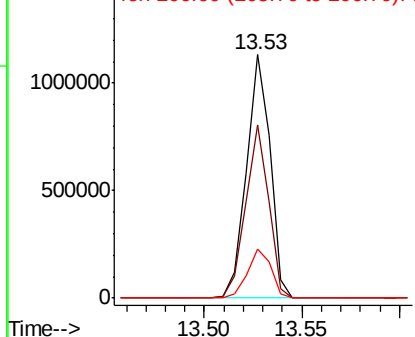
#80
 Butylbenzylphthalate
 Concen: 38.780 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

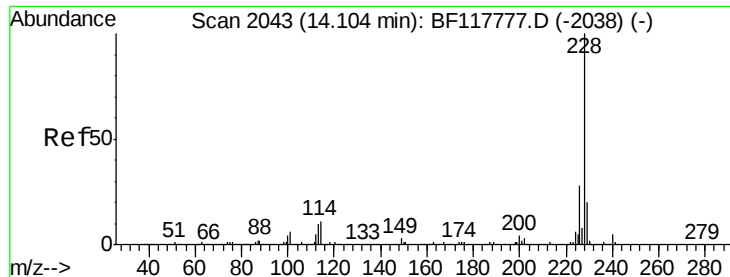
Tgt Ion:149 Resp: 949577

Ion	Ratio	Lower	Upper
149	100		
91	70.9	51.9	77.9
206	20.3	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: 38.521 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampled :

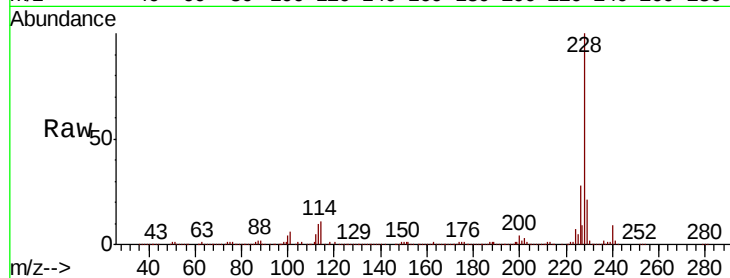
Tot Ion:228 Resp: 1795760

Ion Ratio Lower Upper

228 100

226 28.3 22.2 33.2

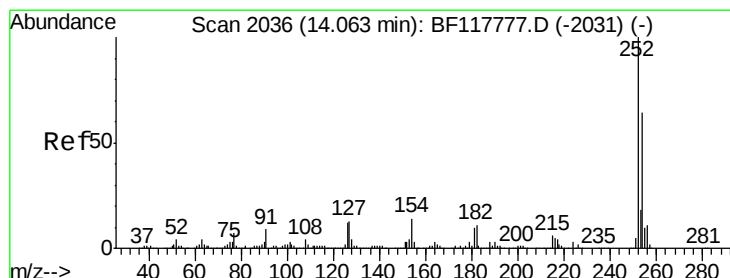
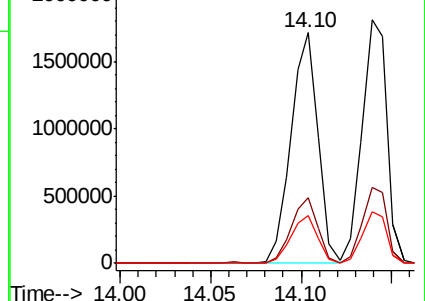
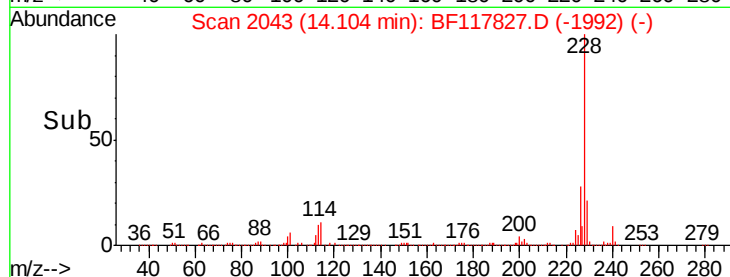
229 20.8 15.9 23.9



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: 40.436 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

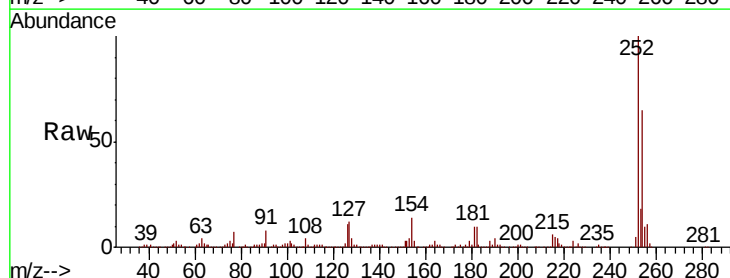
Tgt Ion:252 Resp: 659359

Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.6

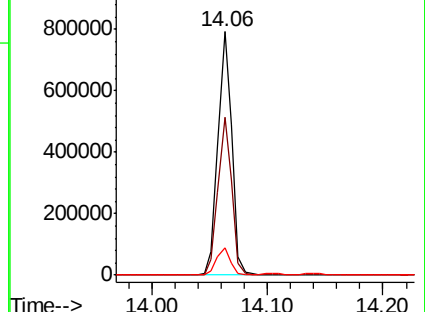
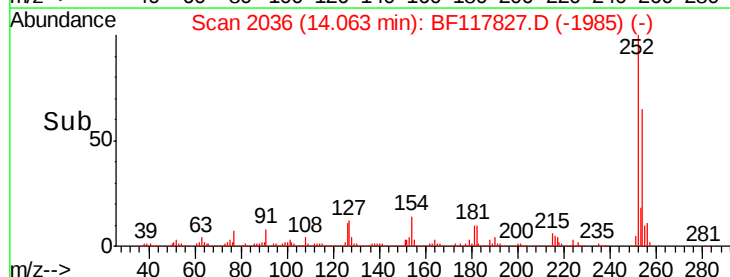
126 11.2 9.7 14.5

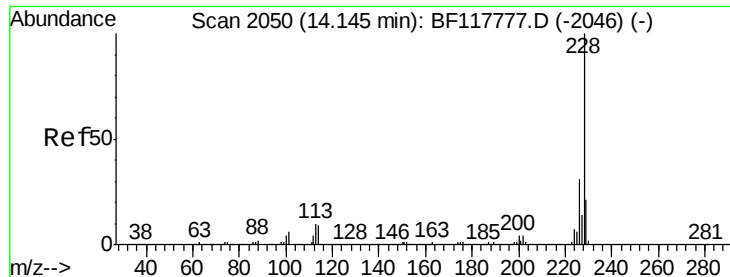


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.255 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampled :

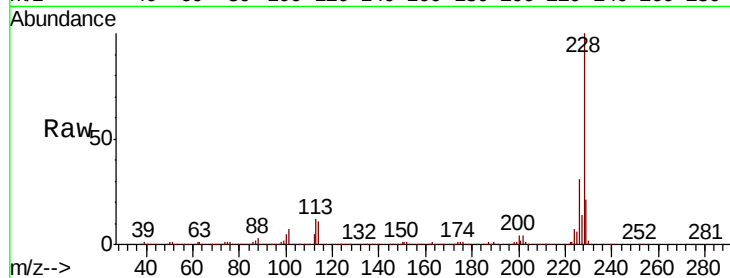
Tot Ion:228 Resp: 1728076

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

229 21.4 16.6 25.0

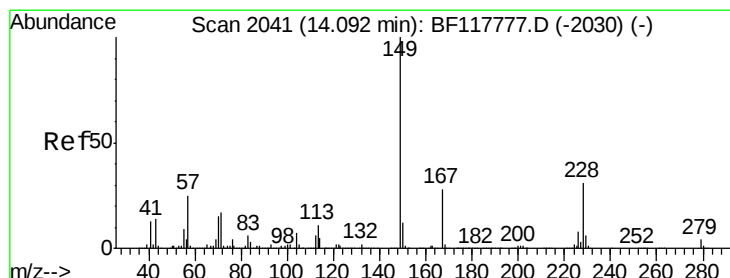
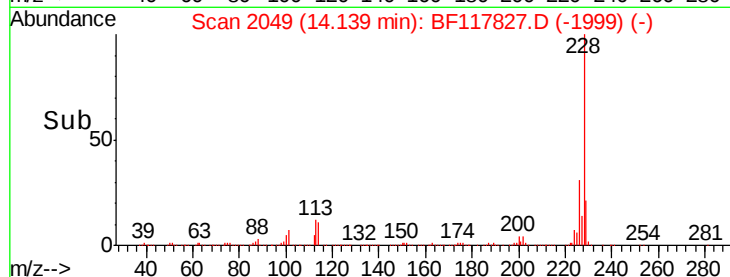
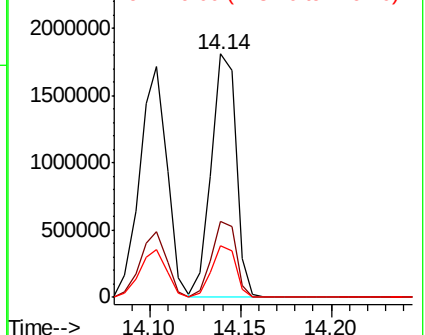


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.096 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

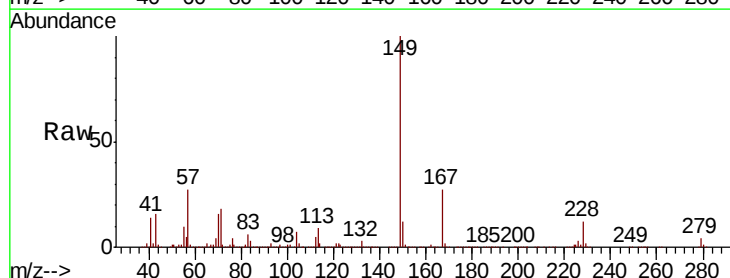
Tgt Ion:149 Resp: 1219978

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

279 3.8 3.4 5.2

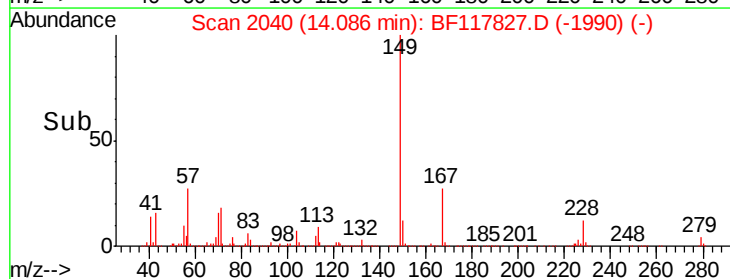
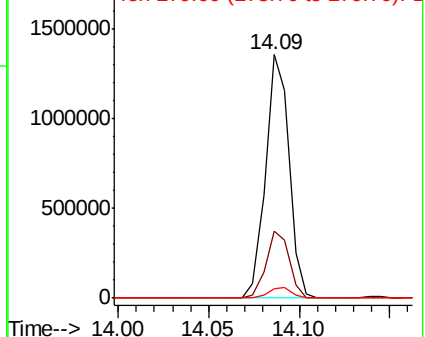


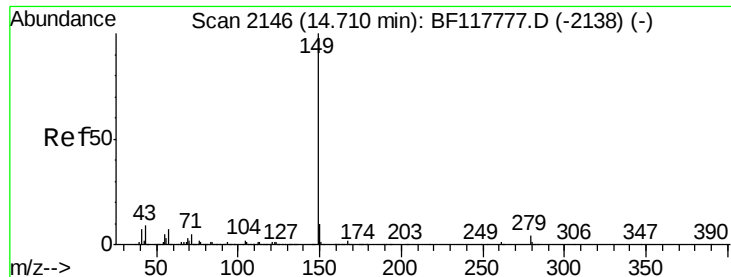
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.331 ng

RT: 14.70 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampled :

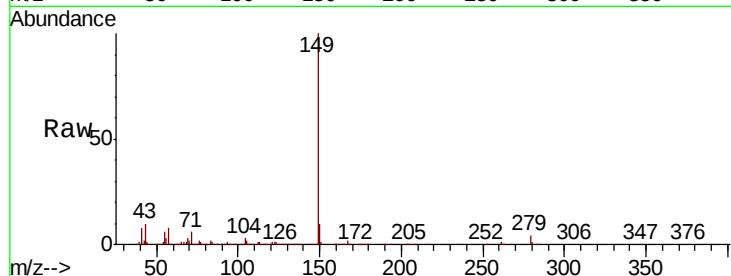
Tot Ion:149 Resp: 1933338

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

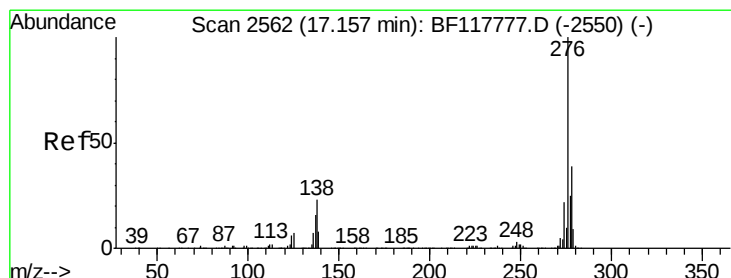
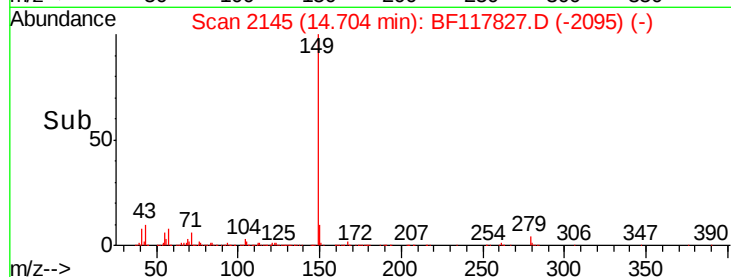
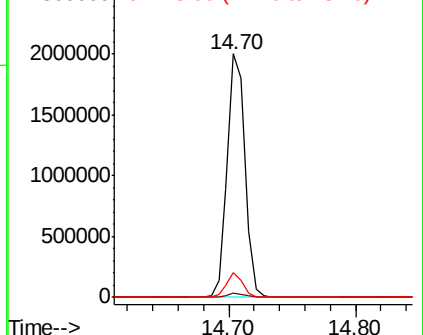
43 9.3 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.436 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

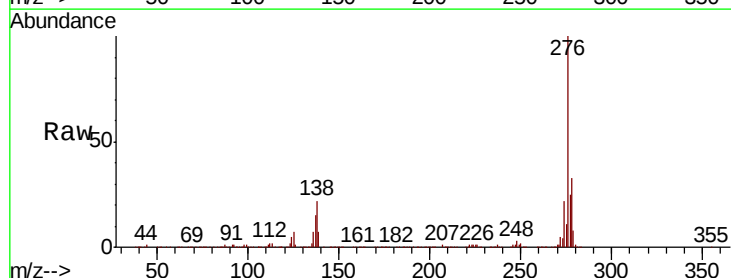
Tgt Ion:276 Resp: 1708377

Ion Ratio Lower Upper

276 100

138 26.0 20.9 31.3

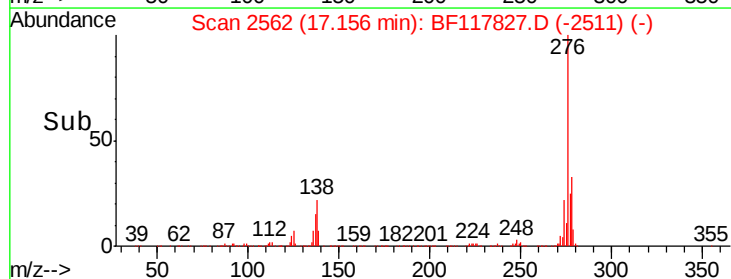
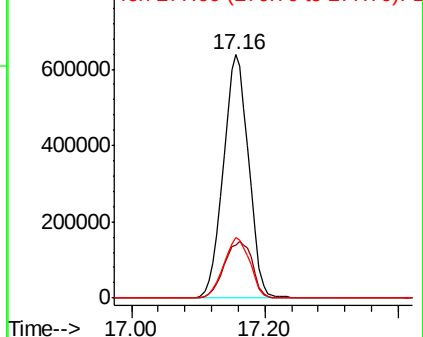
277 25.8 20.3 30.5

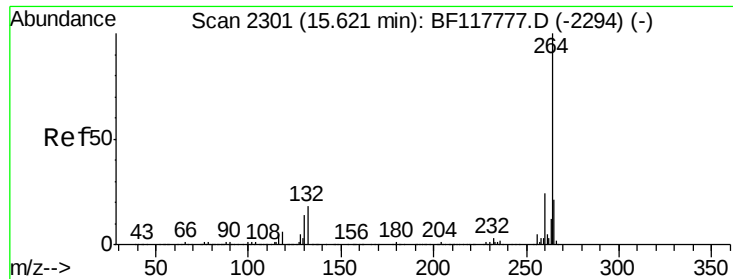


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

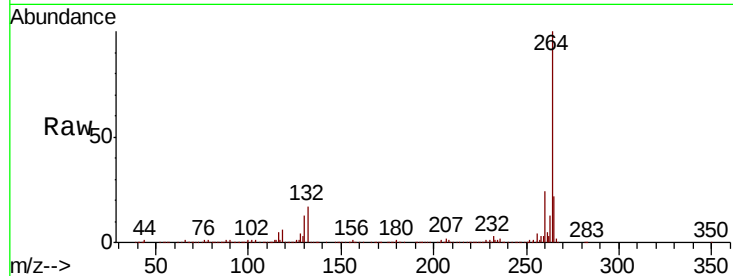
Tot Ion:264 Resp: 673441

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

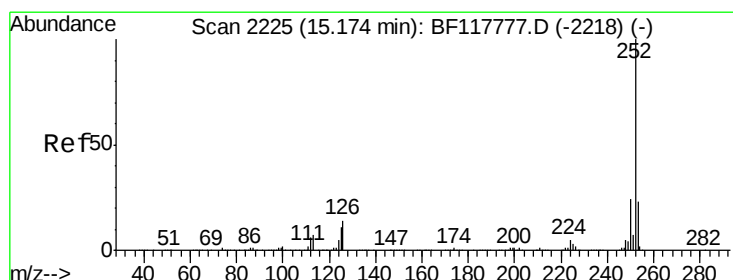
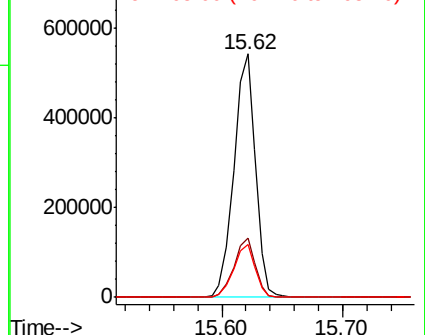
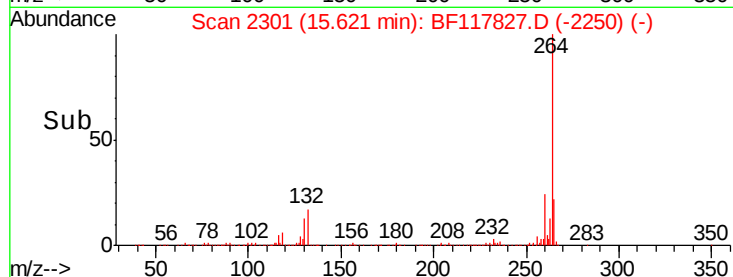
265 22.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.759 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

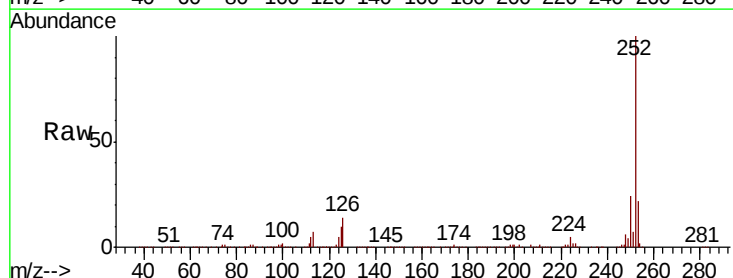
Tgt Ion:252 Resp: 1608339

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

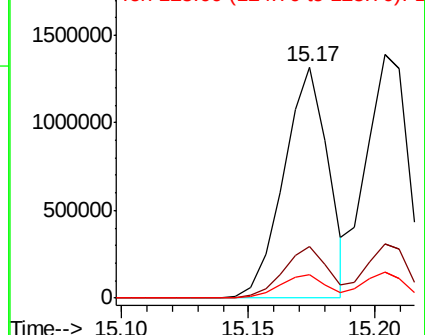
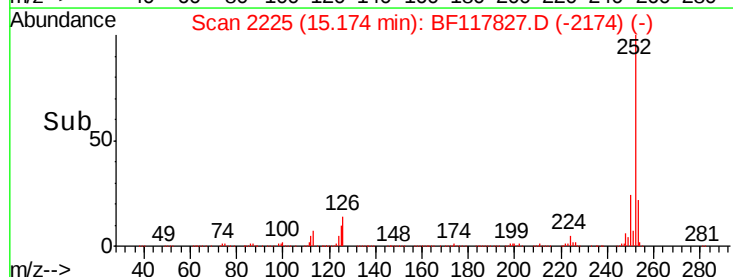
125 10.3 8.6 13.0

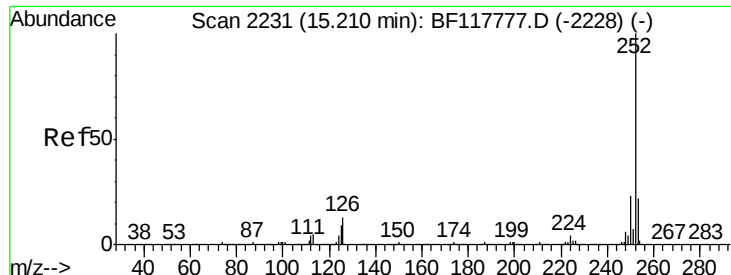


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

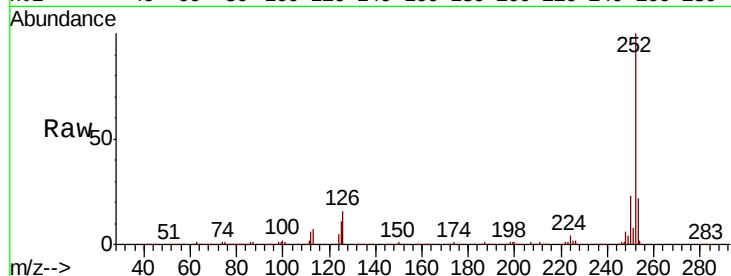




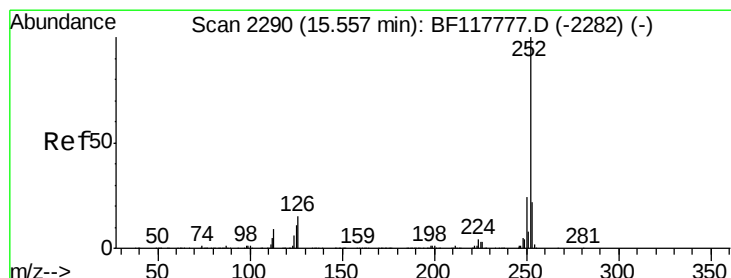
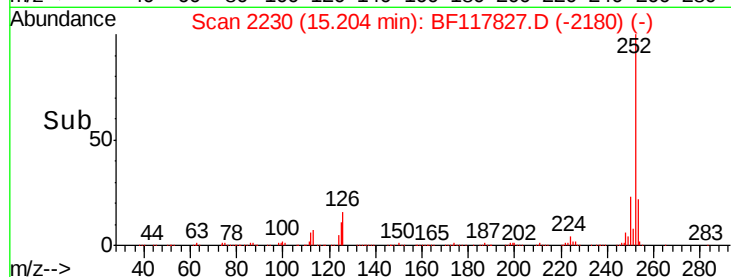
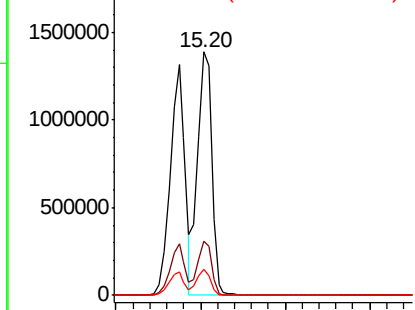
#89
Benzo(k)fluoranthene
Concen: 39.062 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1610381
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.8 7.9 11.9

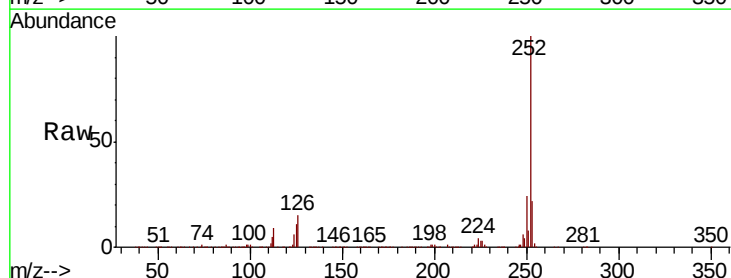


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

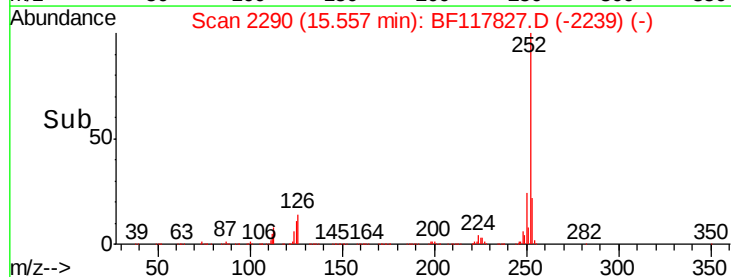
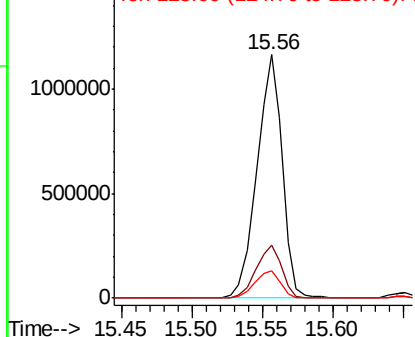


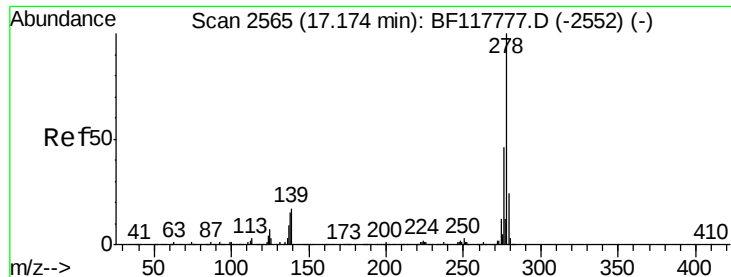
#90
Benzo(a)pyrene
Concen: 37.948 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:252 Resp: 1460028
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.2 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.250 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

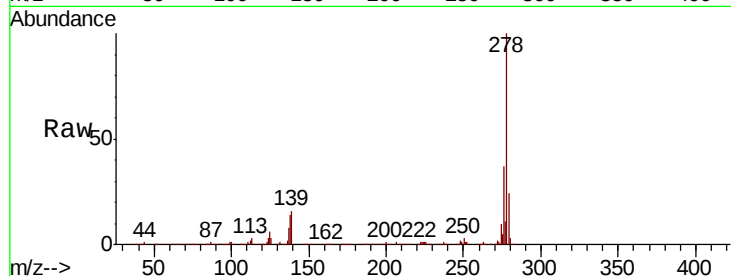
Tot Ion:278 Resp: 1399140

Ion Ratio Lower Upper

278 100

139 15.6 13.8 20.8

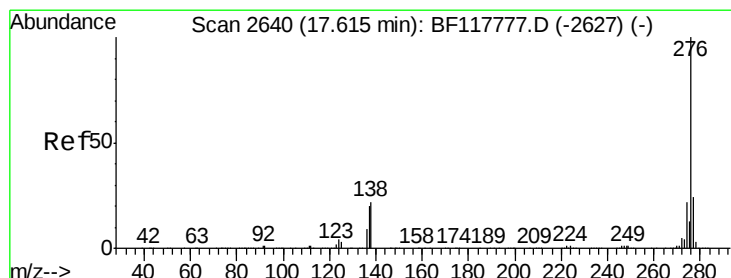
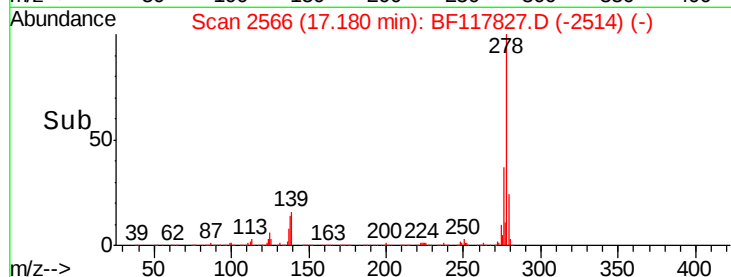
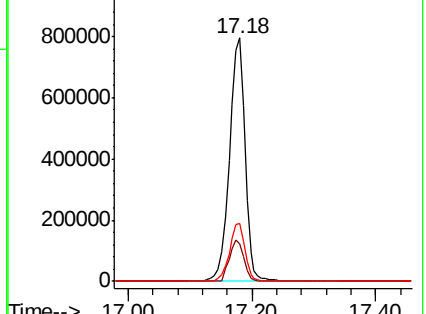
279 23.9 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.012 ng

RT: 17.62 min Scan# 2641

Delta R.T. 0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

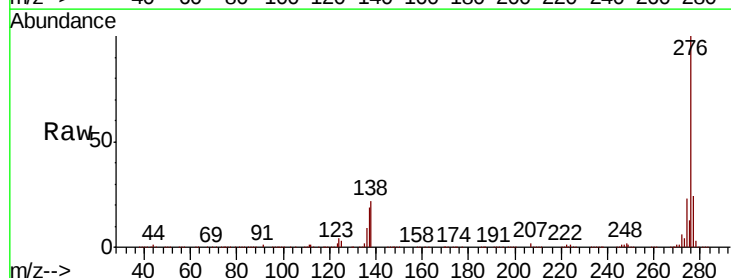
Tgt Ion:276 Resp: 1352742

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 22.4 17.4 26.2



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

