

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117954.D
 Acq On : 23 Nov 2019 14:13
 Operator : JU
 Sample : PB125043
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:50:27 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	6.90	152	153666	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	600642	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	338313	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	654075	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	488310	20.00	ng	-0.01
87) Perylene-d12	15.60	264	385415	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	876924	101.01	ng	-0.02
7) Phenol-d6	6.53	99	761543	72.73	ng	-0.02
23) Nitrobenzene-d5	7.47	82	916875	90.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	484771	135.35	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1750556	92.83	ng	-0.02
79) Terphenyl-d14	13.04	244	2213378	82.84	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	99176	24.440	ng	98
3) Pyridine	3.47	79	188527	17.711	ng	98
4) n-Nitrosodimethylamine	3.40	42	125566	27.023	ng	99
6) Aniline	6.56	93	85333	6.167	ng	100
8) 2-Chlorophenol	6.69	128	457752	48.594	ng	95
9) Benzaldehyde	6.45	77	117359	13.347	ng	93
10) Phenol	6.54	94	293110	26.938	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	409468	46.862	ng	99
12) 1,3-Dichlorobenzene	6.85	146	479418	43.230	ng	99
13) 1,4-Dichlorobenzene	6.92	146	507047	45.233	ng	99
14) 1,2-Dichlorobenzene	7.07	146	489494	45.658	ng	100
15) Benzyl Alcohol	7.04	79	321782	39.805	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	581478	43.224	ng	98
17) 2-Methylphenol	7.16	107	376730	47.226	ng	97
18) Hexachloroethane	7.42	117	166106	40.337	ng	95
19) n-Nitroso-di-n-propylamine	7.32	70	310740	48.104	ng	97
20) 3+4-Methylphenols	7.30	107	430190	43.443	ng	# 84
22) Acetophenone	7.32	105	646287	47.892	ng	# 96
24) Nitrobenzene	7.49	77	466284	44.733	ng	97
25) Isophorone	7.73	82	858851	46.376	ng	98
26) 2-Nitrophenol	7.80	139	236738	46.662	ng	95
27) 2,4-Dimethylphenol	7.84	122	368930	46.797	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	465037	39.572	ng	99
29) 2,4-Dichlorophenol	8.05	162	385718	45.106	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	443325	44.694	ng	99
31) Naphthalene	8.22	128	1334287	47.651	ng	100
32) Benzoic acid	7.93	122	152995	23.178	ng	99
33) 4-Chloroaniline	8.26	127	40247	3.211	ng	98
34) Hexachlorobutadiene	8.33	225	241970	41.723	ng	99
35) Caprolactam	8.63	113	29323	10.789	ng	93
36) 4-Chloro-3-methylphenol	8.74	107	384366	44.289	ng	96
37) 2-Methylnaphthalene	8.91	142	838614	44.325	ng	99
38) 1-Methylnaphthalene	9.01	142	815123	45.572	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	403835	41.103	ng	99

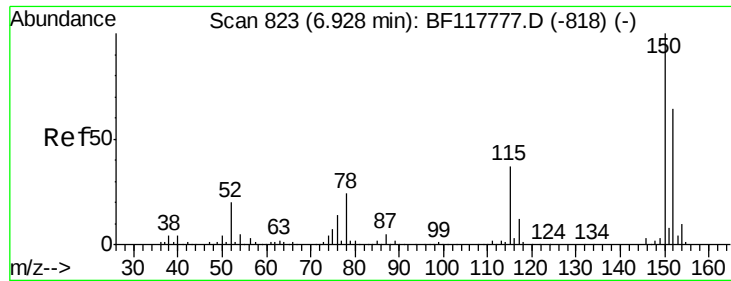
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117954.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	476938	86.623	nq	99
43) 2,4,6-Trichlorophenol	9.19	196	309658	44.003	nq	99
44) 2,4,5-Trichlorophenol	9.23	196	334760	45.816	nq	99
46) 1,1'-Biphenyl	9.37	154	1137669	45.326	nq	98
47) 2-Chloronaphthalene	9.40	162	909701	44.057	nq	98
48) 2-Nitroaniline	9.49	65	267610	42.929	nq	97
49) Acenaphthylene	9.82	152	1478015	49.097	nq	99
50) Dimethylphthalate	9.67	163	1201197	50.632	nq	99
51) 2,6-Dinitrotoluene	9.74	165	262551	50.637	nq #	82
52) Acenaphthene	9.99	154	919648	47.688	nq	99
53) 3-Nitroaniline	9.90	138	50266	8.102	nq	95
54) 2,4-Dinitrophenol	10.02	184	302491	110.514	nq	94
55) Dibenzofuran	10.16	168	1310017	49.056	nq	99
56) 4-Nitrophenol	10.06	139	288323	62.259	nq	94
57) 2,4-Dinitrotoluene	10.15	165	356818	54.100	nq	89
58) Fluorene	10.51	166	981647	47.436	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	296490	49.387	nq	99
60) Diethylphthalate	10.37	149	1098677	47.501	nq	99
61) 4-Chlorophenyl-phenylether	10.50	204	497336	47.356	nq	99
62) 4-Nitroaniline	10.52	138	166637	26.825	nq	94
63) Azobenzene	10.66	77	966387	45.926	nq	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	197273	64.606	nq	86
66) n-Nitrosodiphenylamine	10.62	169	642537	33.755	nq	99
67) 4-Bromophenyl-phenylether	10.99	248	307485	43.569	nq	97
68) Hexachlorobenzene	11.06	284	359610	43.699	nq	100
69) Atrazine	11.15	200	218776	34.938	nq	99
70) Pentachlorophenol	11.25	266	426541	88.719	nq	99
71) Phenanthrene	11.47	178	1566350	47.632	nq	99
72) Anthracene	11.53	178	1604151	49.200	nq	100
73) Carbazole	11.68	167	1123949	39.448	nq	99
74) Di-n-butylphthalate	12.01	149	1651887	46.566	nq	99
75) Fluoranthene	12.67	202	1580504	54.341	nq	99
78) Pyrene	12.90	202	1604258	40.652	nq	100
80) Butylbenzylphthalate	13.51	149	750003	44.250	nq	92
81) Benzo(a)anthracene	14.09	228	1492100	46.241	nq	99
83) Chrysene	14.13	228	1466091	46.888	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	970425	47.226	nq	99
85) Di-n-octyl phthalate	14.69	149	1760204	58.308	nq	98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1462456	54.955	nq	99
88) Benzo(b)fluoranthene	15.16	252	1274685	50.905	nq	99
89) Benzo(k)fluoranthene	15.19	252	1225094	51.924	nq	99
90) Benzo(a)pyrene	15.54	252	1089869	49.496	nq	100
91) Dibenzo(a,h)anthracene	17.16	278	1253231	66.125	nq	98
92) Benzo(g,h,i)perylene	17.60	276	1019031	53.983	nq	100

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

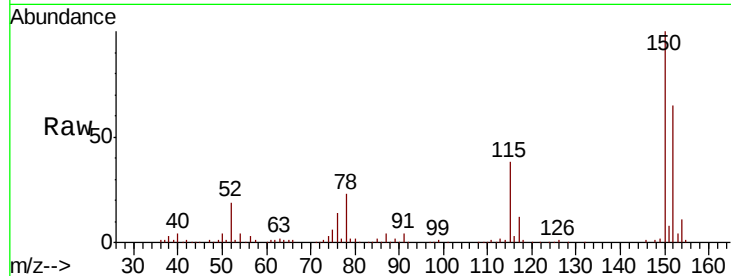


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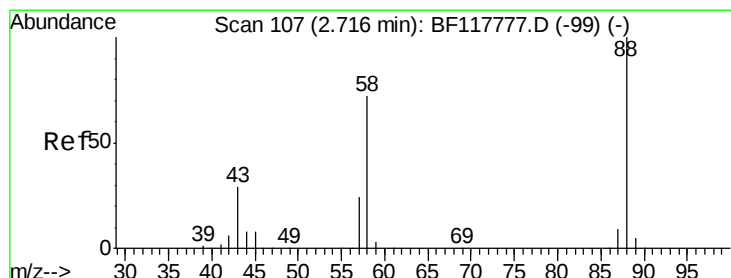
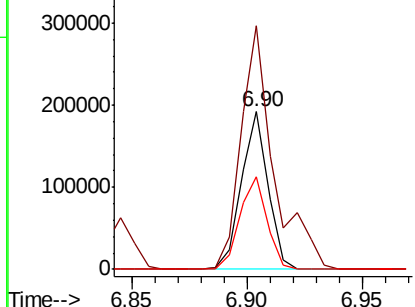
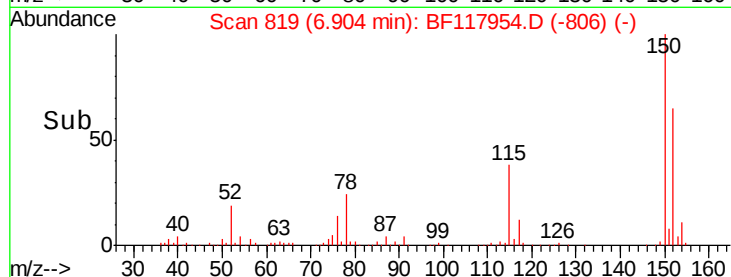
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153666
Ion Ratio Lower Upper
152 100
150 154.8 125.3 187.9
115 59.0 47.0 70.4



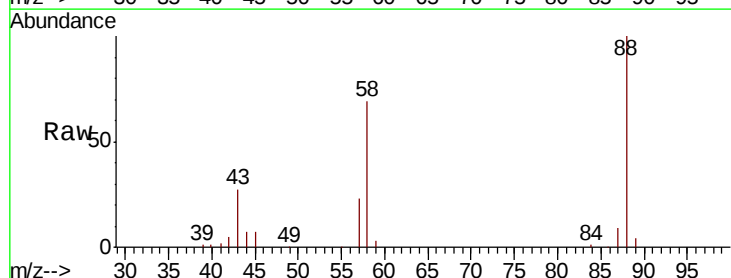
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



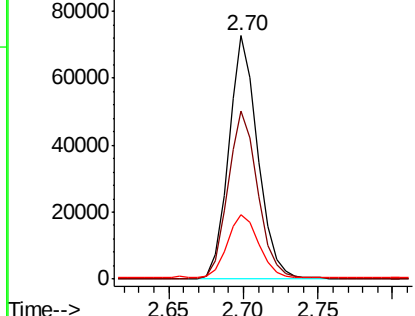
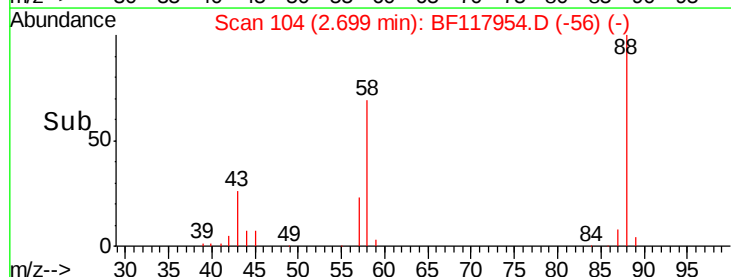
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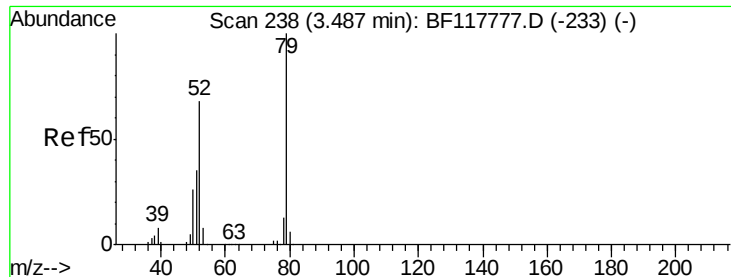
1,4-Dioxane
Concen: 24.440 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion: 88 Resp: 99176
Ion Ratio Lower Upper
88 100
58 71.4 58.2 87.2
43 28.2 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: 17.711 ng

RT: 3.47 min Scan# 235

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampled :

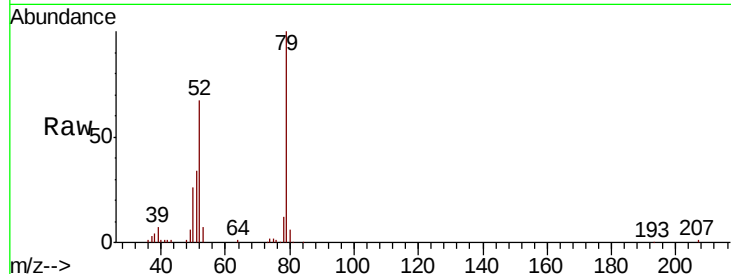
Tot Ion: 79 Resp: 188527

Ion Ratio Lower Upper

79 100

52 67.4 54.8 82.2

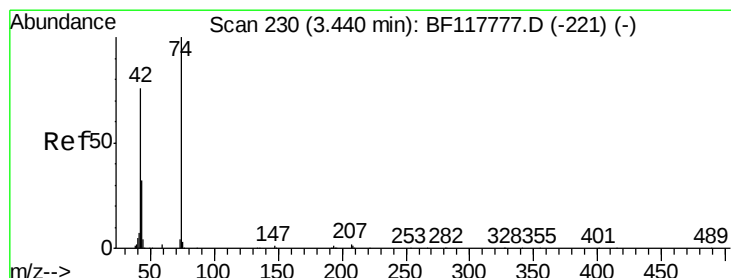
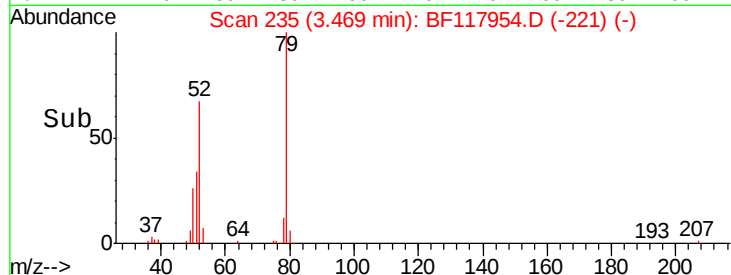
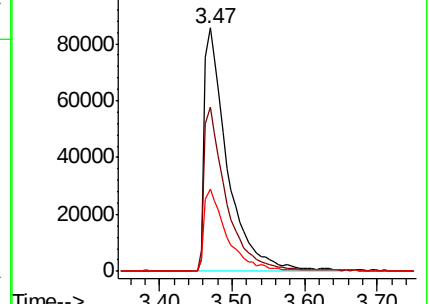
51 34.0 28.2 42.4



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: 27.023 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.04 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

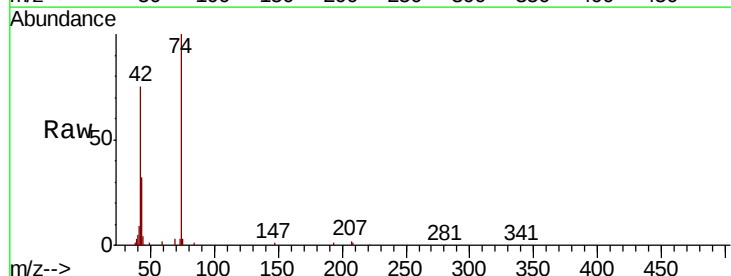
Tgt Ion: 42 Resp: 125566

Ion Ratio Lower Upper

42 100

74 132.9 105.1 157.7

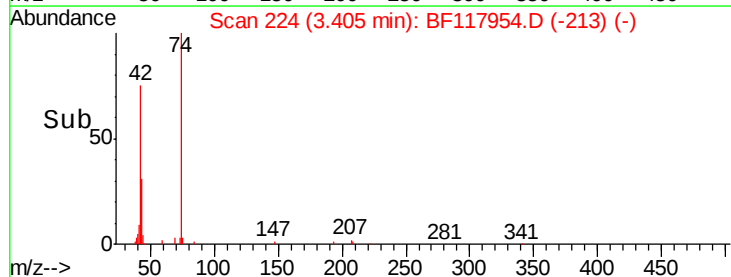
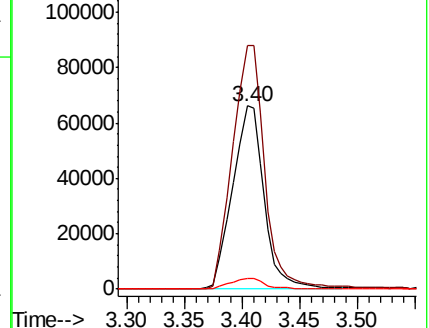
44 5.8 4.6 7.0



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: 101.014 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampled :

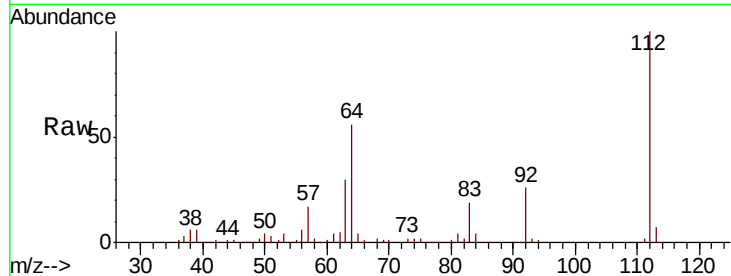
Tot Ion:112 Resp: 876924

Ion Ratio Lower Upper

112 100

64 56.4 45.6 68.4

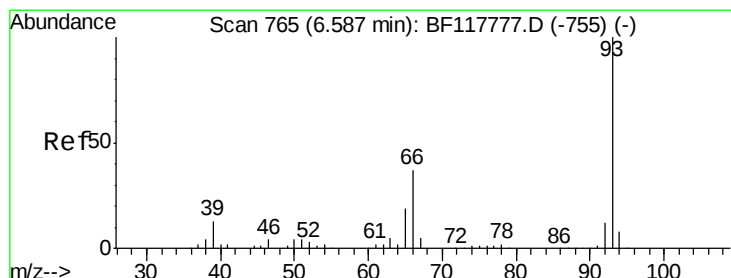
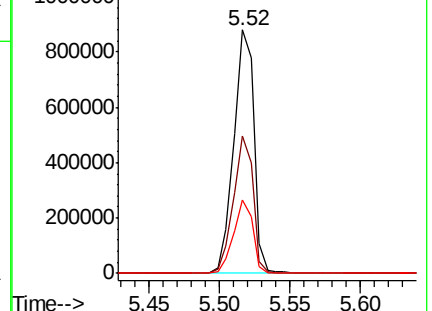
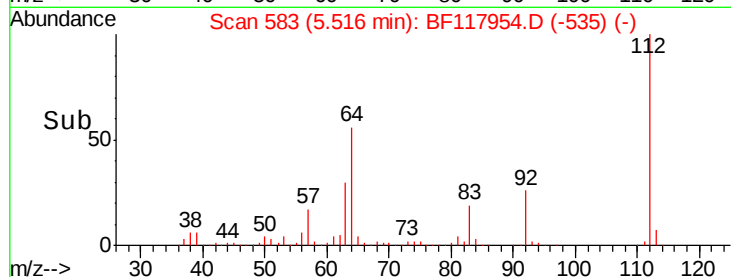
63 30.1 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.167 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

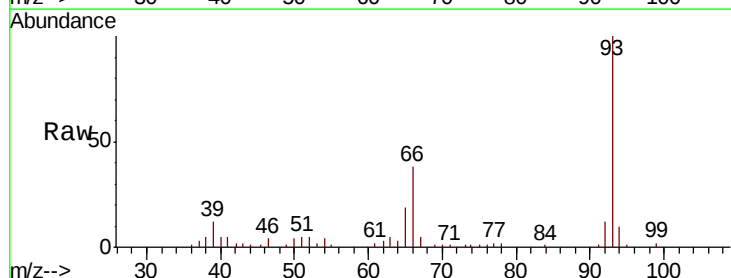
Tgt Ion: 93 Resp: 85333

Ion Ratio Lower Upper

93 100

66 38.3 30.6 45.8

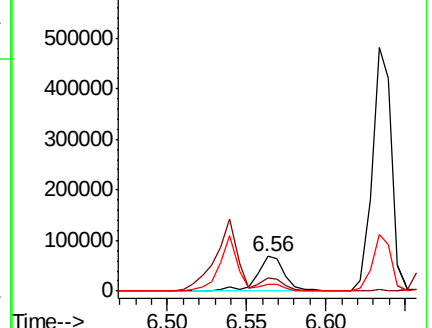
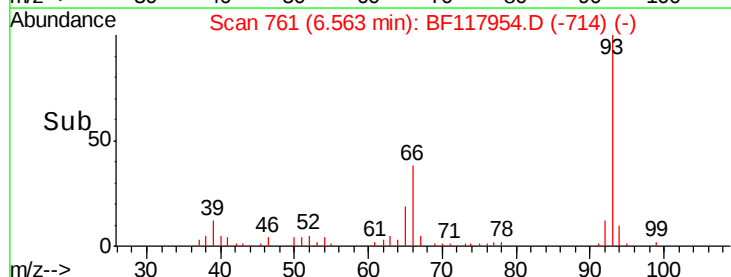
65 19.3 15.6 23.4

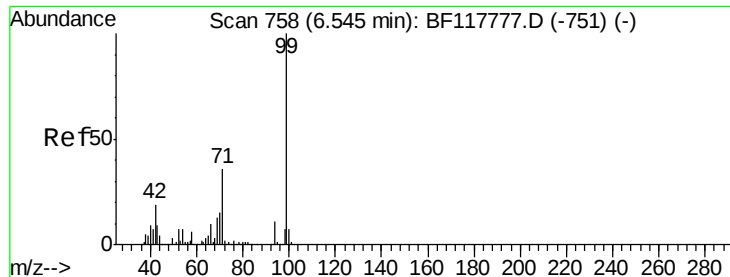


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.729 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampled :

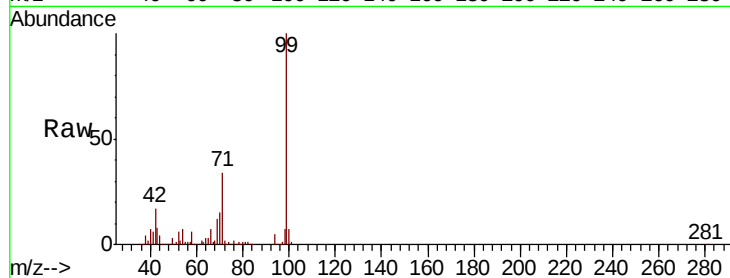
Tot Ion: 99 Resp: 761543

Ion Ratio Lower Upper

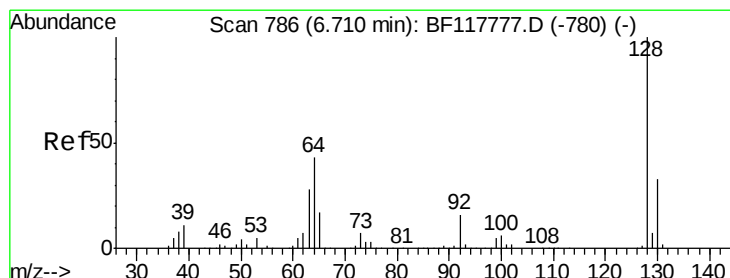
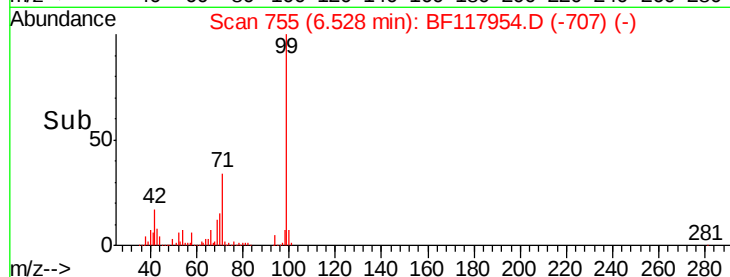
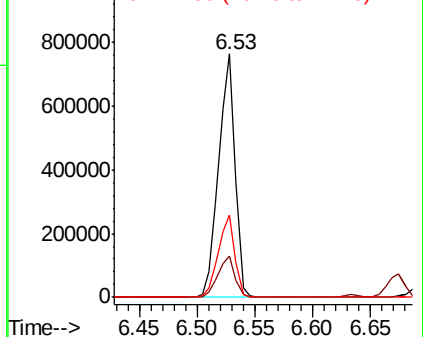
99 100

42 16.8 14.9 22.3

71 33.8 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: 48.594 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

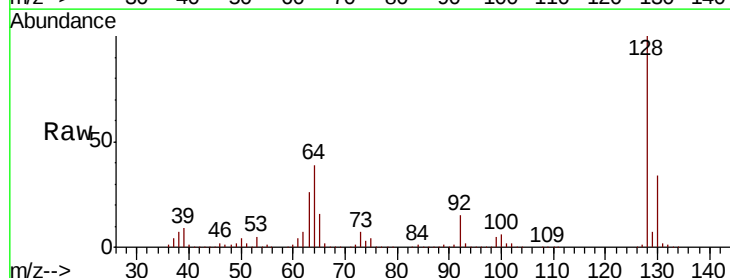
Tgt Ion: 128 Resp: 457752

Ion Ratio Lower Upper

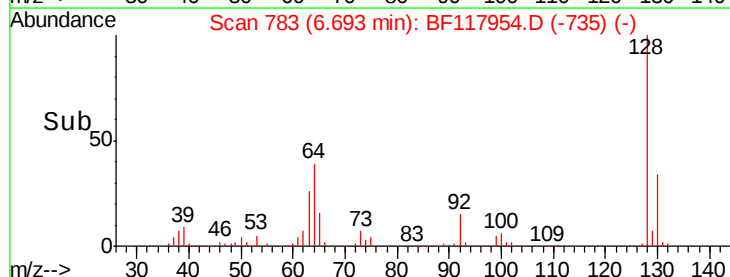
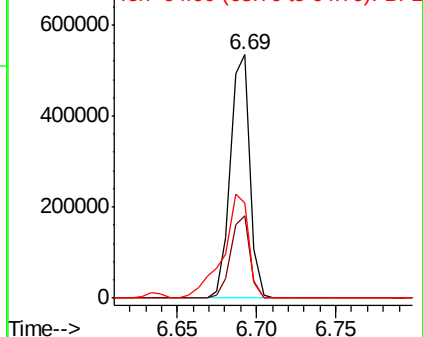
128 100

130 33.9 13.2 53.2

64 39.1 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

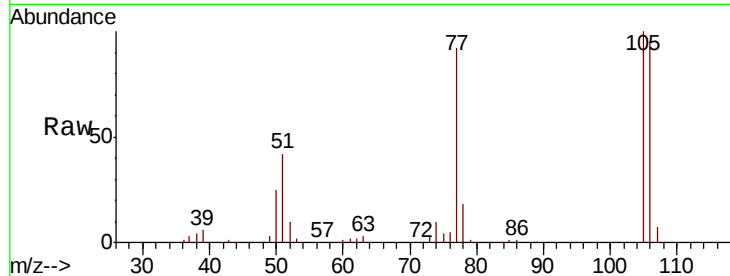




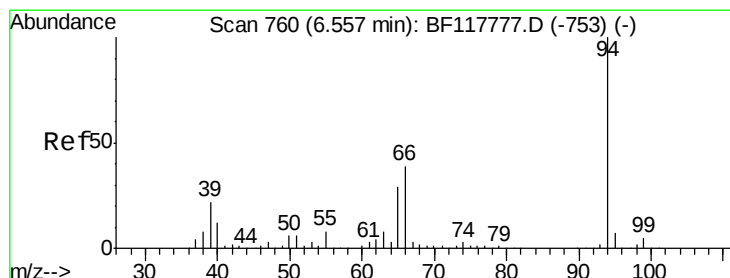
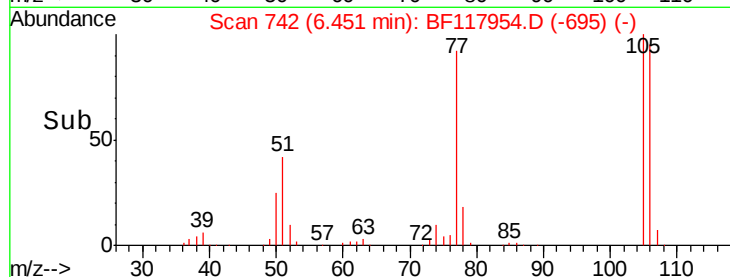
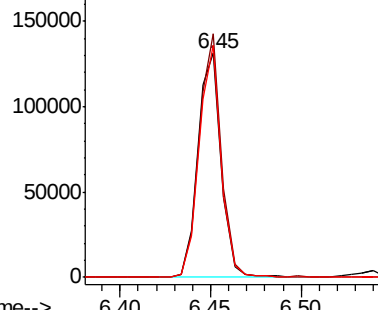
#9
Benzaldehyde
Concen: 13.347 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 117359
Ion Ratio Lower Upper
77 100
105 108.6 80.2 120.2
106 103.3 78.4 118.4

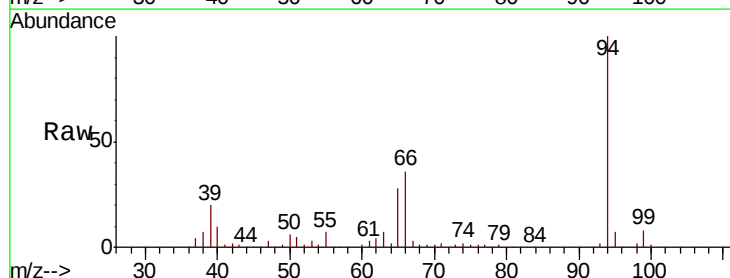


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

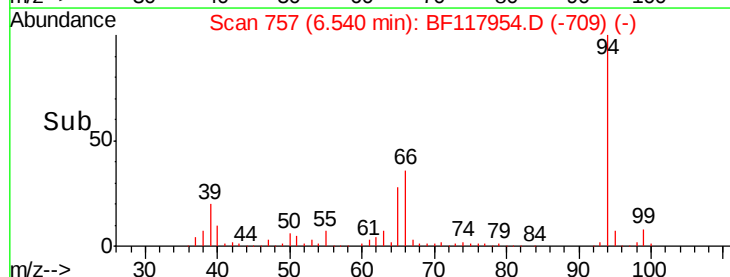
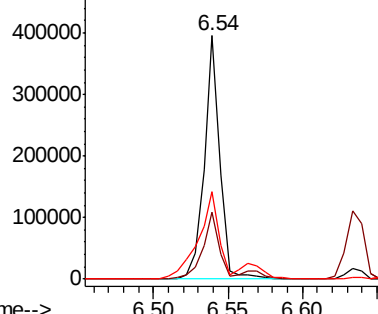


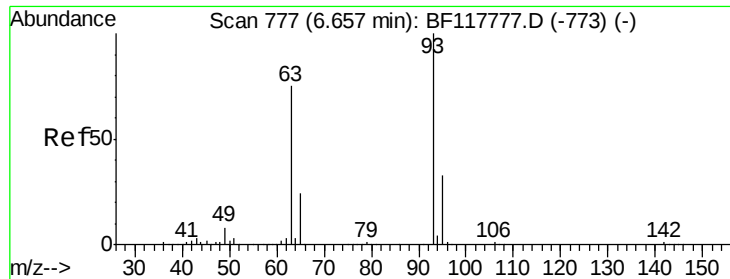
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Phenol
Concen: 26.938 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion: 94 Resp: 293110
Ion Ratio Lower Upper
94 100
65 27.5 8.9 48.9
66 36.1 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

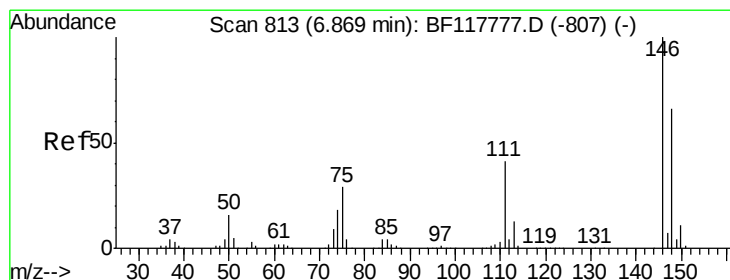
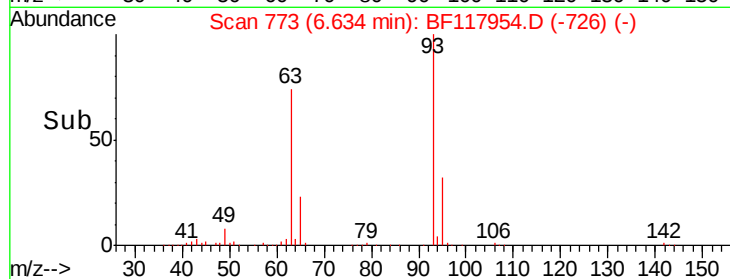
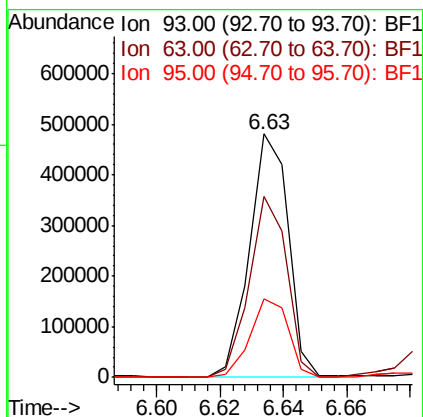
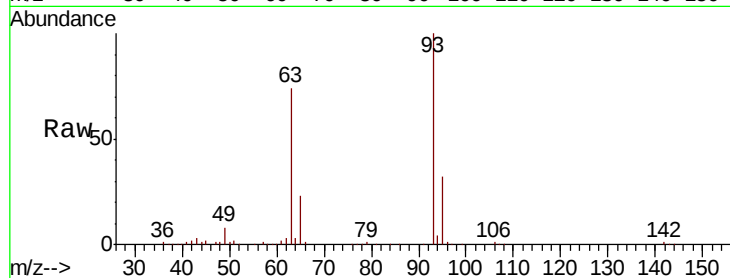




#11
bis(2-Chloroethyl)ether
Concen: 46.862 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

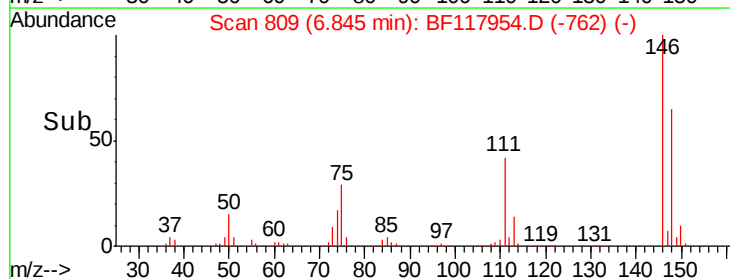
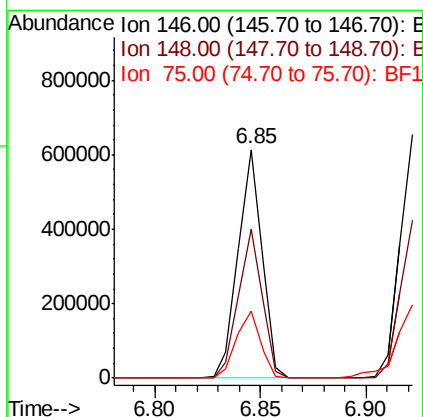
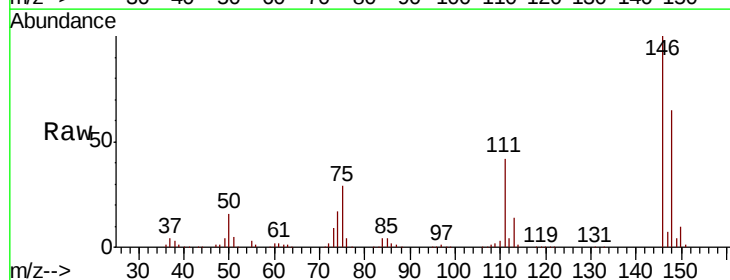
Instrument :
BNA_F
ClientSampleId :

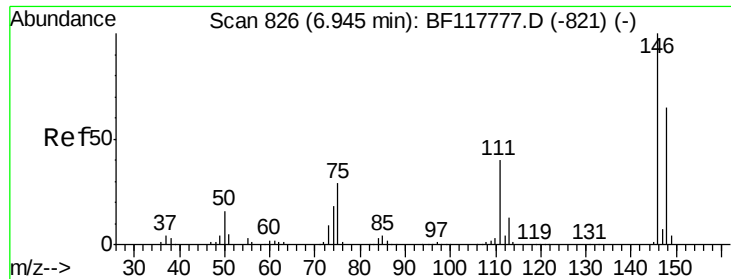
Tot Ion	93	Resp	409468
Ion	Ratio	Lower	Upper
93	100		
63	74.3	54.8	94.8
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 43.230 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	146	Resp	479418
Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.8	79.2
75	29.5	23.4	35.0

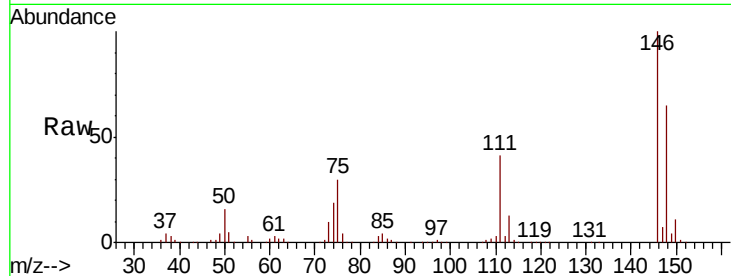




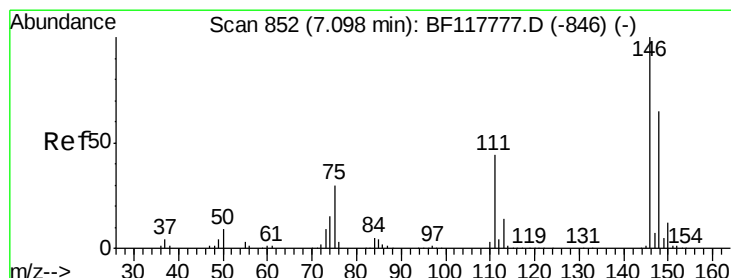
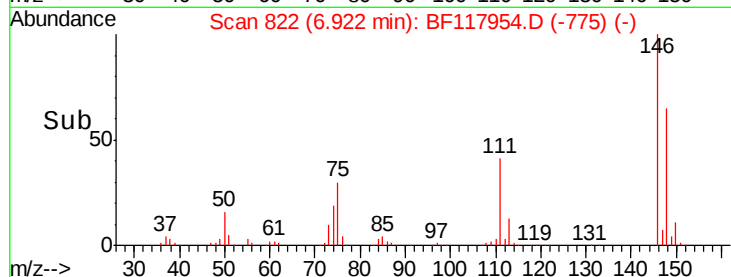
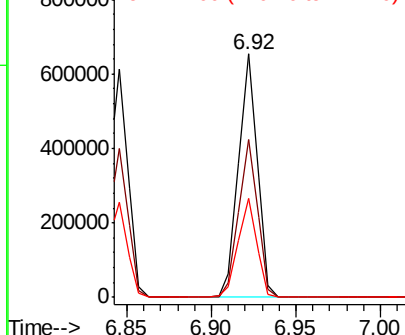
#13
 1,4-Dichlorobenzene
 Concen: 45.233 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 507047
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 40.7 32.2 48.4

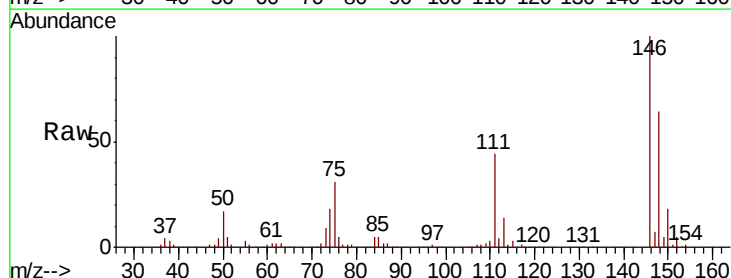


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

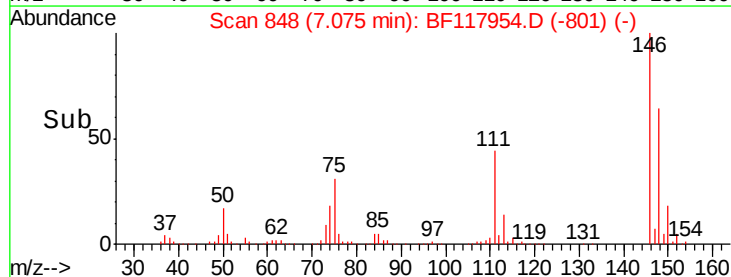
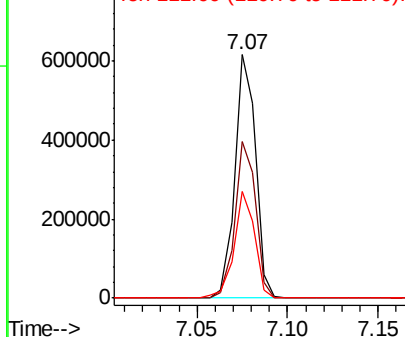


#14
 1,2-Dichlorobenzene
 Concen: 45.658 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion:146 Resp: 489494
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 111 43.6 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: 39.805 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

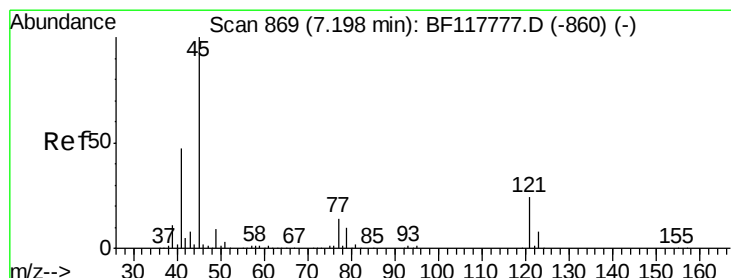
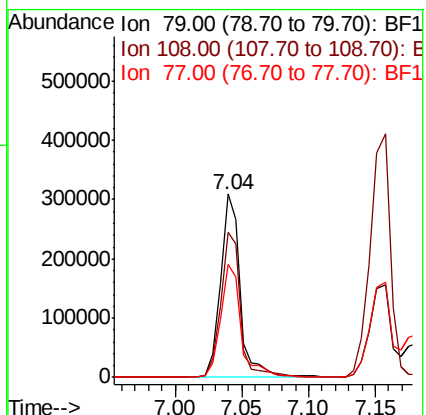
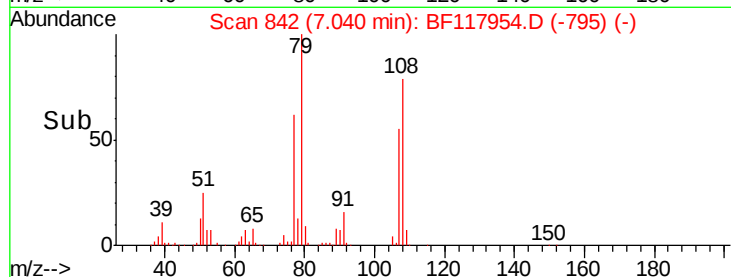
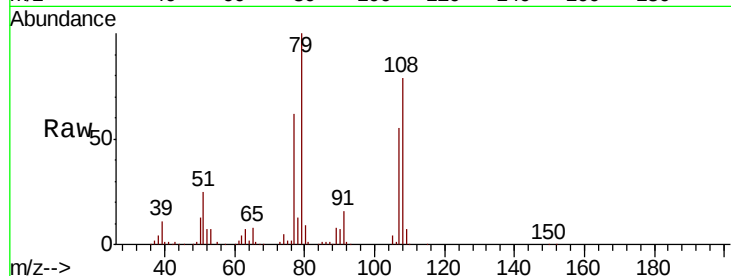
Tot Ion: 79 Resp: 321782

Ion Ratio Lower Upper

79 100

108 79.0 64.1 96.1

77 61.9 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.224 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

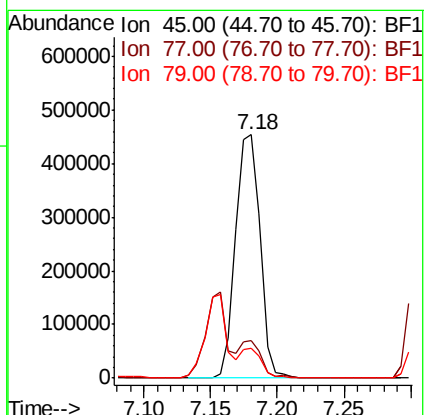
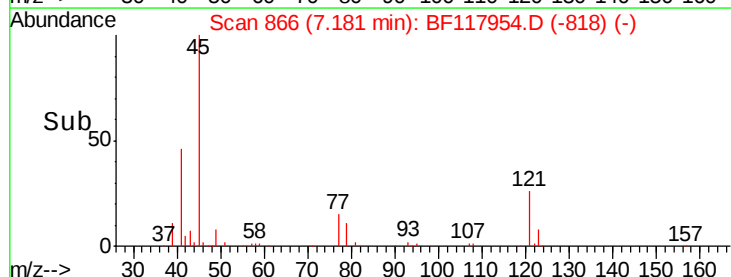
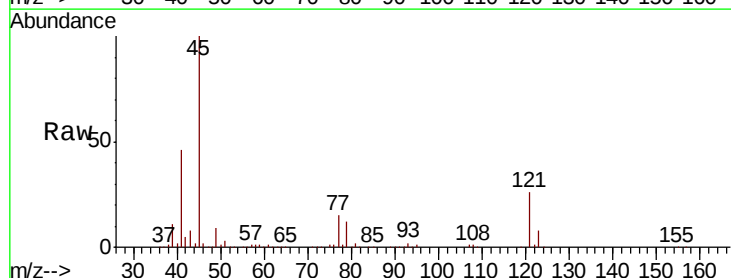
Tgt Ion: 45 Resp: 581478

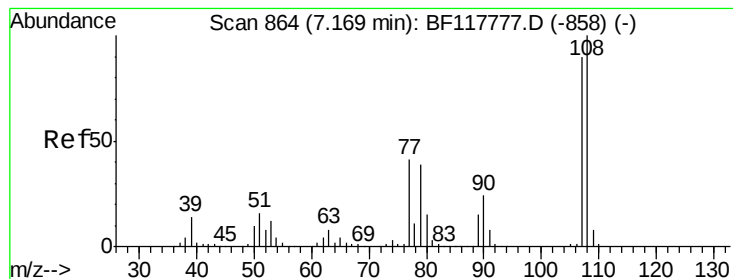
Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.0

79 12.2 0.0 31.1

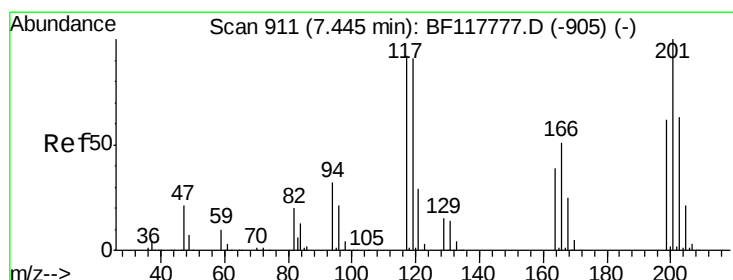
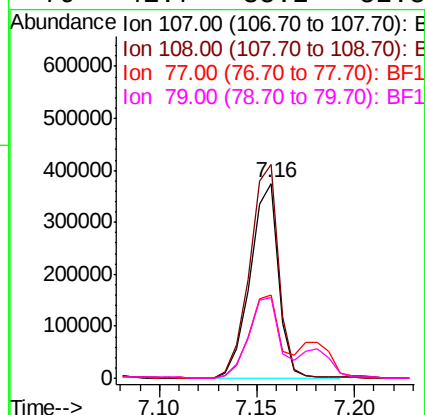
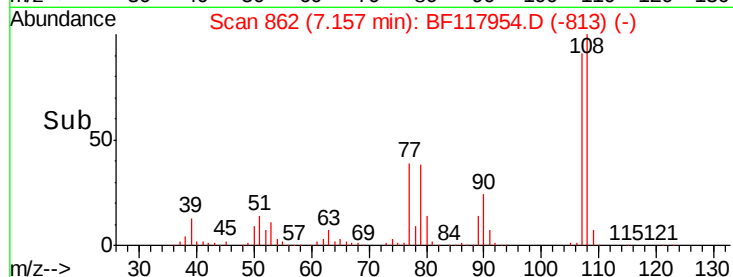
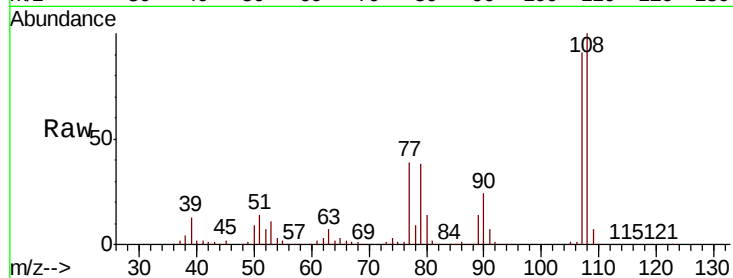




#17
2-Methylphenol
Concen: 47.226 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

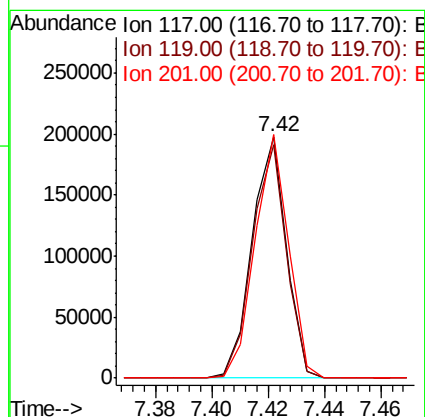
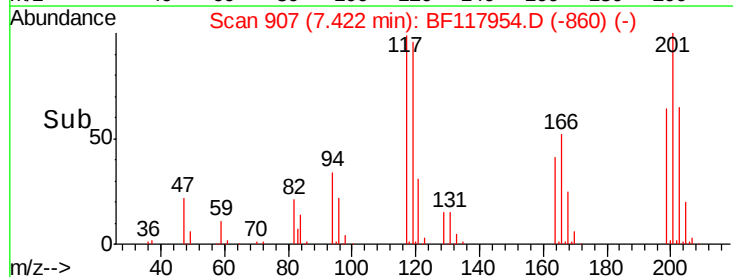
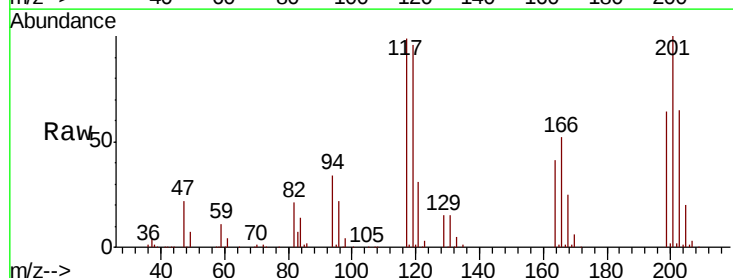
Instrument :
BNA_F
ClientSampleId :

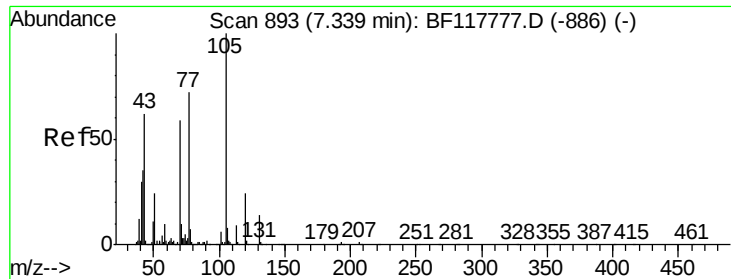
Tot Ion:107 Resp: 376730
Ion Ratio Lower Upper
107 100
108 109.8 89.1 133.7
77 42.9 36.6 54.8
79 41.7 35.2 52.8



#18
Hexachloroethane
Concen: 40.337 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:117 Resp: 166106
Ion Ratio Lower Upper
117 100
119 96.4 78.7 118.1
201 100.8 86.5 129.7

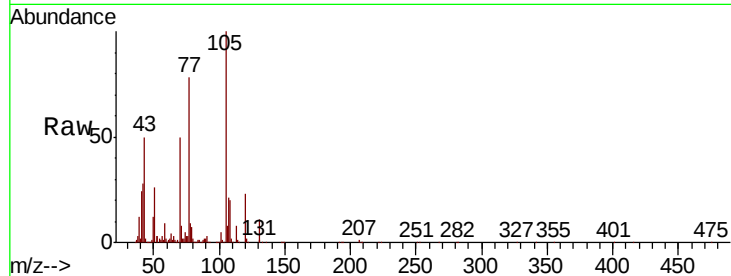




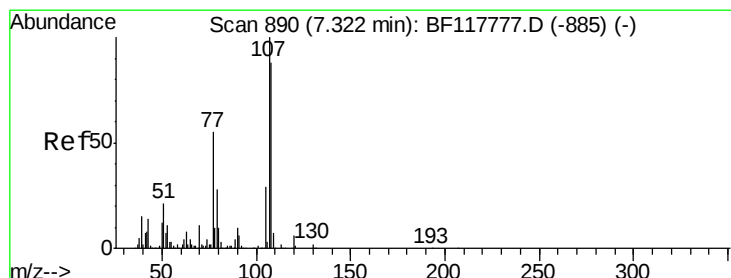
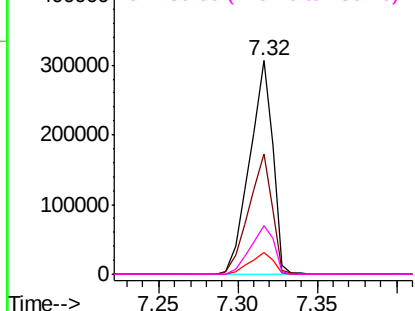
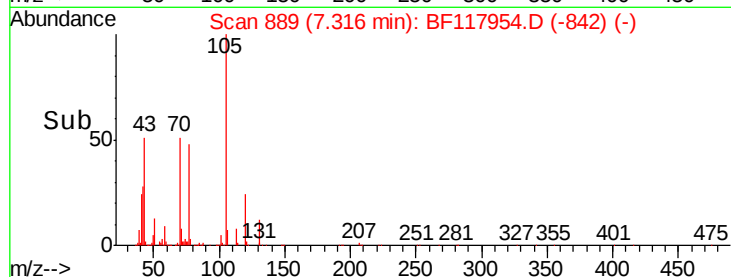
#19
n-Nitroso-di-n-propylamine
Concen: 48.104 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	310740
Ion	Ratio	Lower	Upper
70	100		
42	56.5	47.4	71.2
101	10.2	8.4	12.6
130	23.1	18.8	28.2

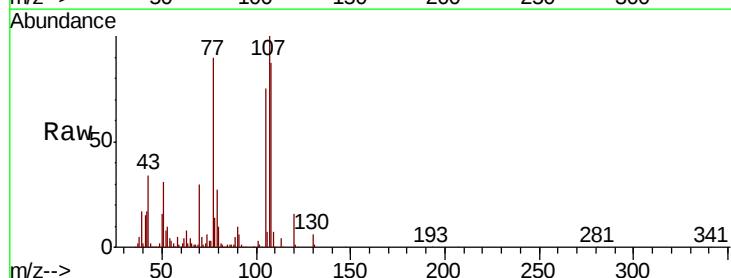


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

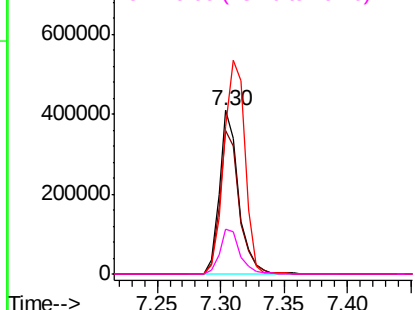
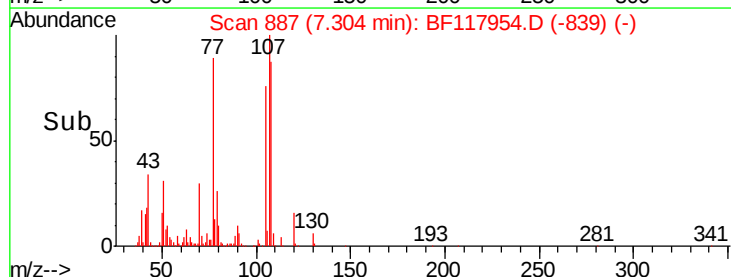


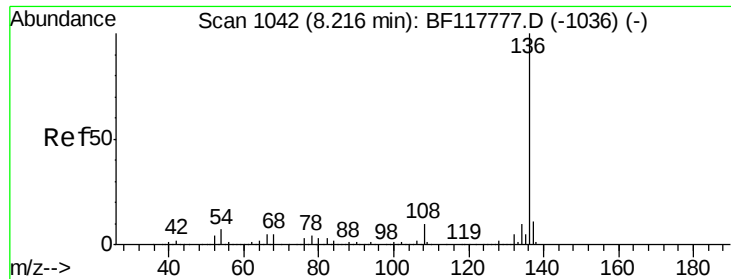
#20
3+4-Methylphenols
Concen: 43.443 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:	107	Resp:	430190
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.4	108.4
77	89.6	35.2	75.2#
79	27.2	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: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 600642

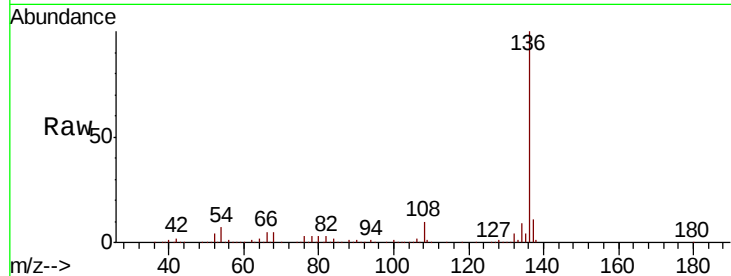
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.0 5.4 8.2

68 5.5 4.3 6.5

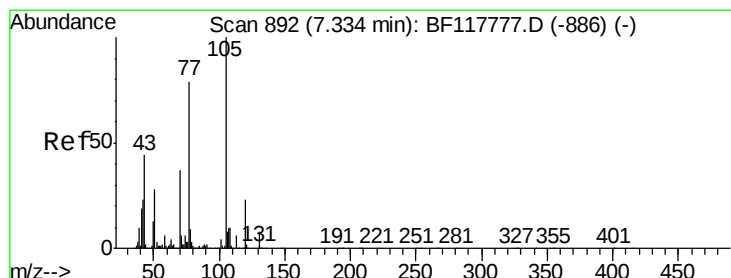
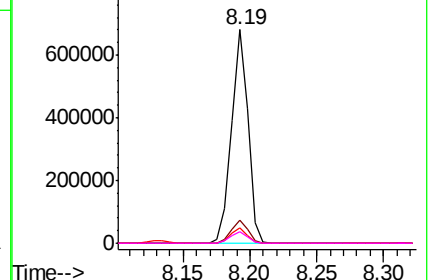
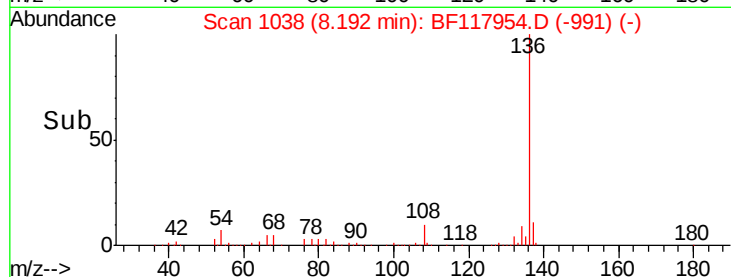


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.892 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Tgt Ion:105 Resp: 646287

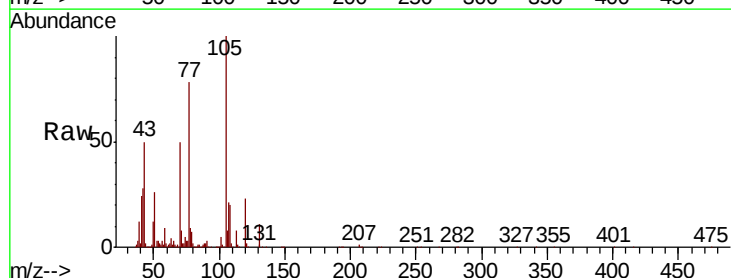
Ion Ratio Lower Upper

105 100

71 8.2 4.9 7.3#

51 25.6 22.7 34.1

120 23.4 18.5 27.7

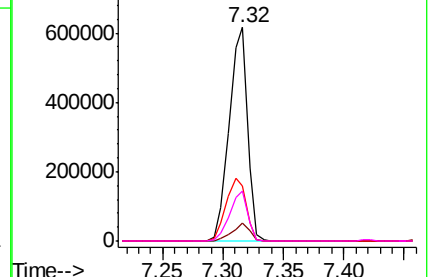
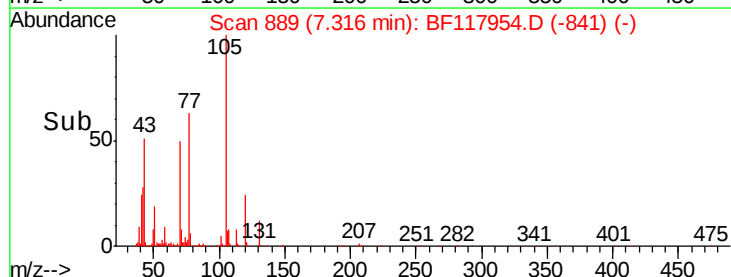


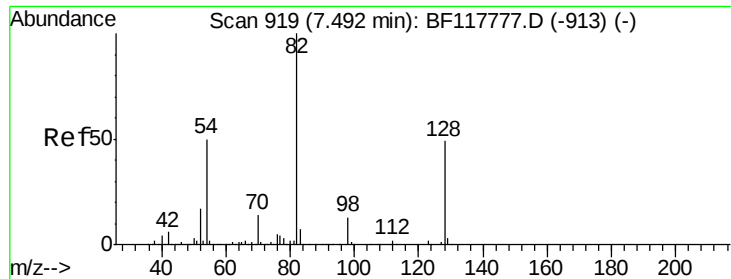
Abundance Ion 105.00 (104.70 to 105.70): E

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: 90.744 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

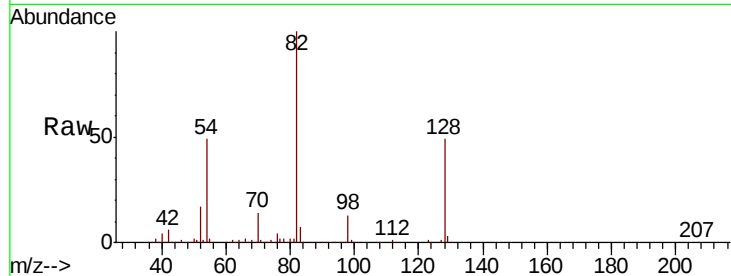
Tot Ion: 82 Resp: 916875

Ion Ratio Lower Upper

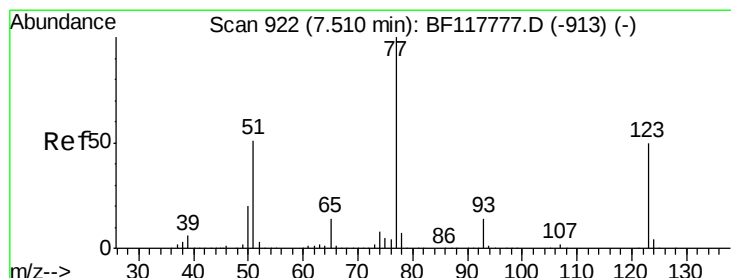
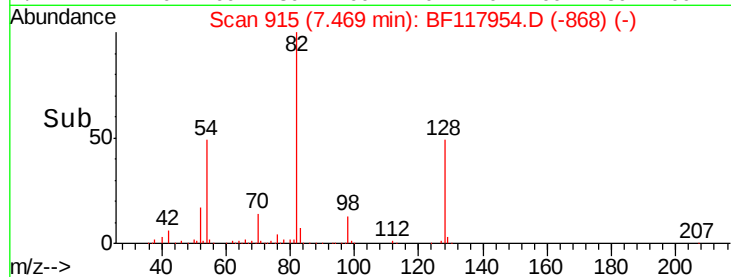
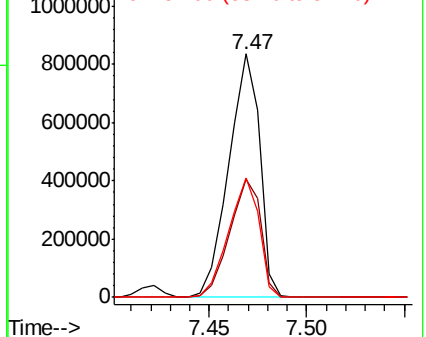
82 100

128 48.6 38.9 58.3

54 48.9 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: 44.733 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

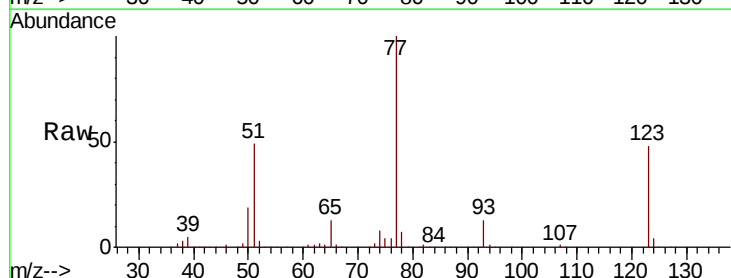
Tgt Ion: 77 Resp: 466284

Ion Ratio Lower Upper

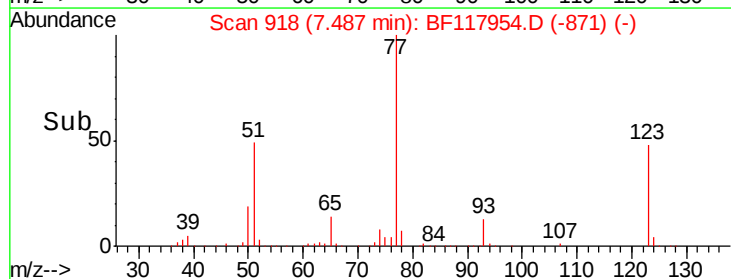
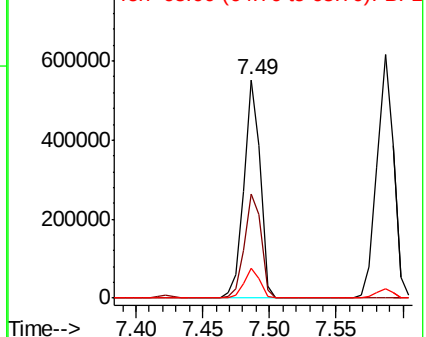
77 100

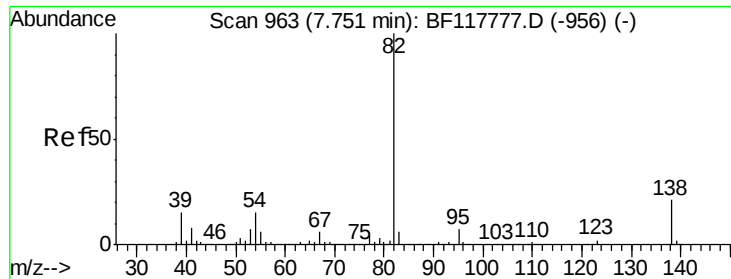
123 47.7 40.3 60.5

65 13.5 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

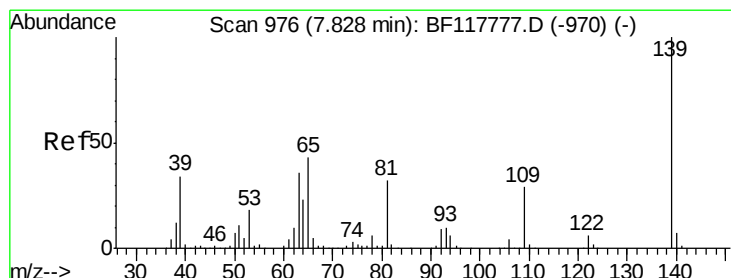
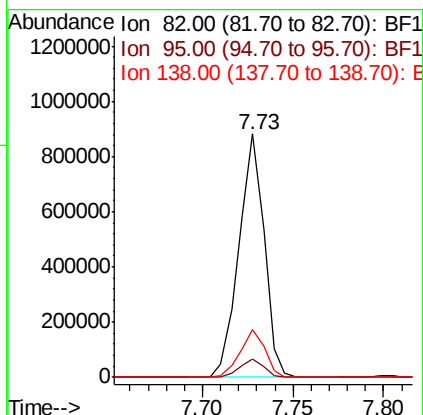
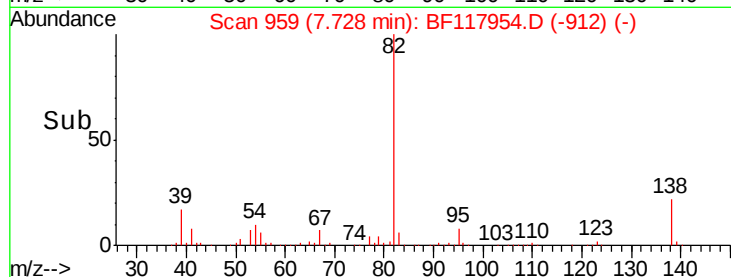
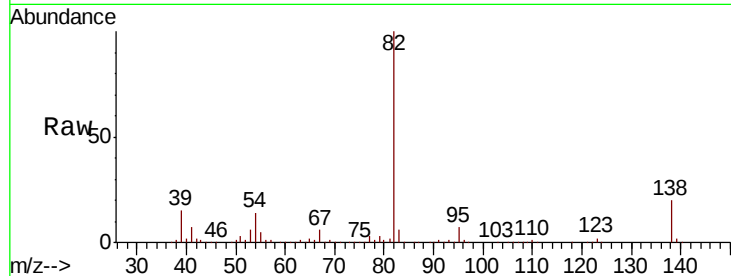




#25
Isophorone
Concen: 46.376 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

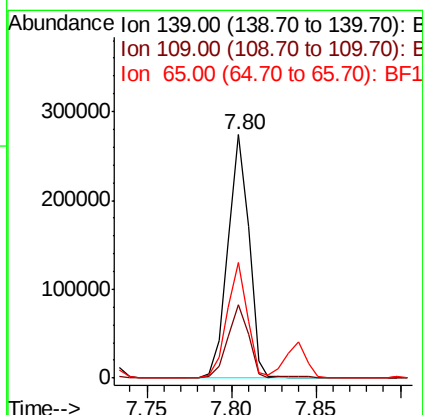
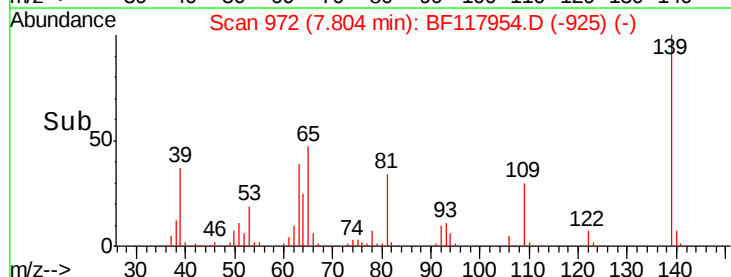
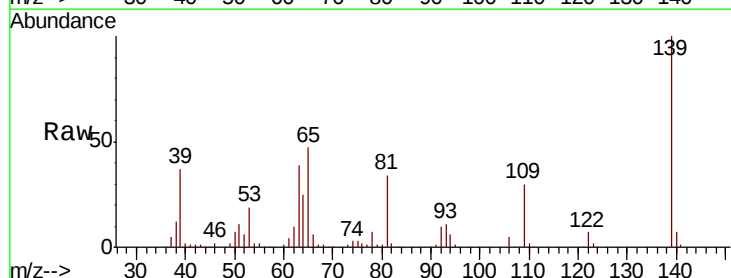
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 858851
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 19.6 16.5 24.7



#26
2-Nitrophenol
Concen: 46.662 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion: 139 Resp: 236738
Ion Ratio Lower Upper
139 100
109 30.3 23.0 34.4
65 47.5 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 46.797 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampled :

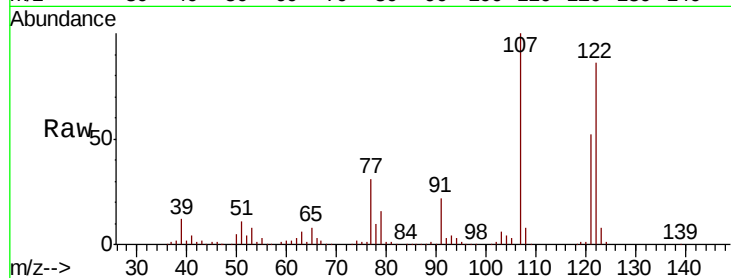
Tot Ion:122 Resp: 368930

Ion Ratio Lower Upper

122 100

107 116.3 90.0 135.0

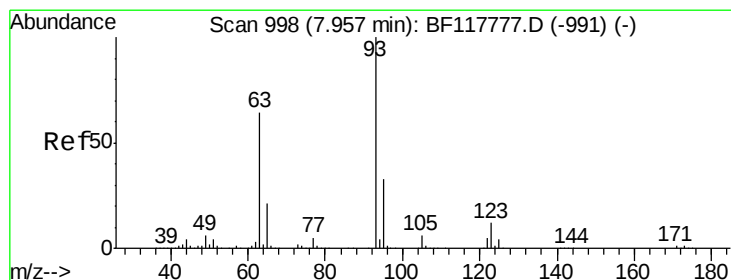
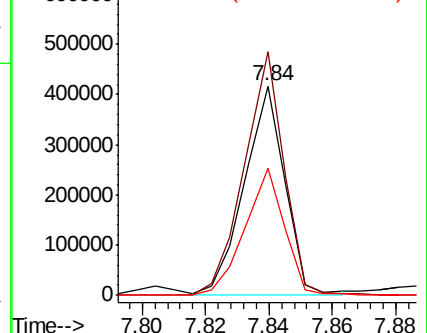
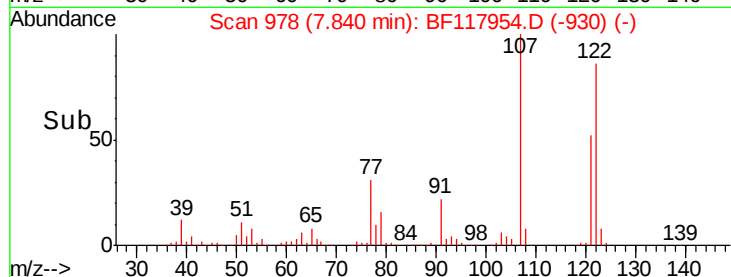
121 60.5 46.7 70.1



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: 39.572 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

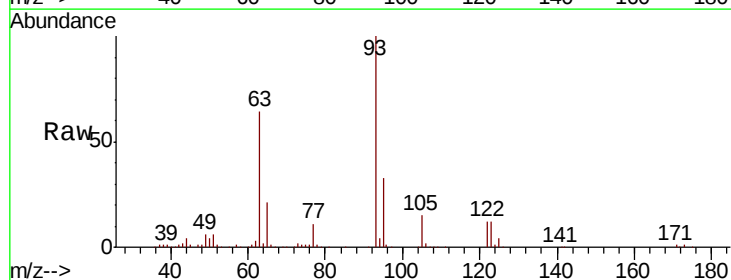
Tgt Ion: 93 Resp: 465037

Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

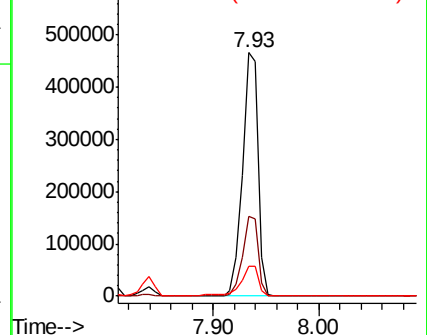
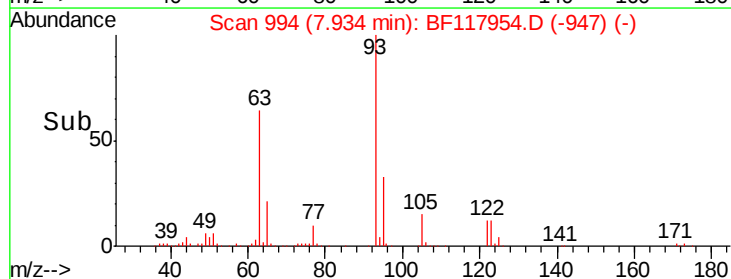
123 12.4 10.3 15.5

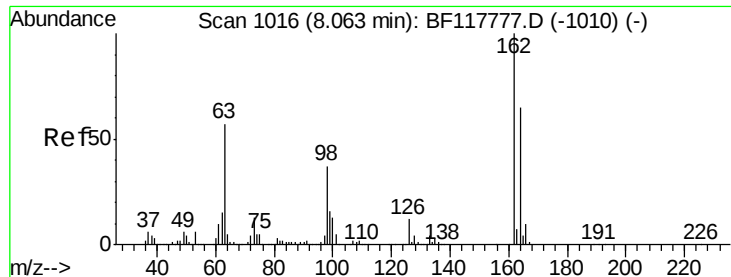


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

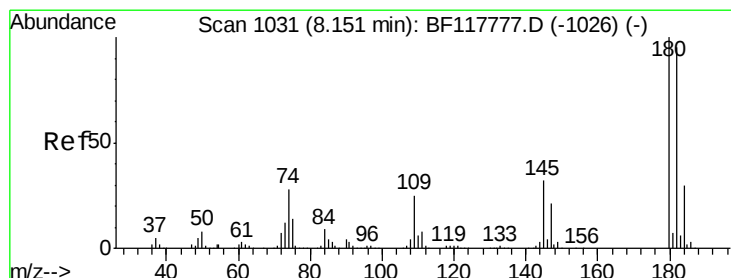
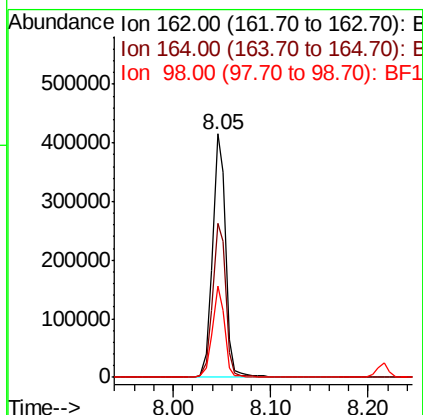
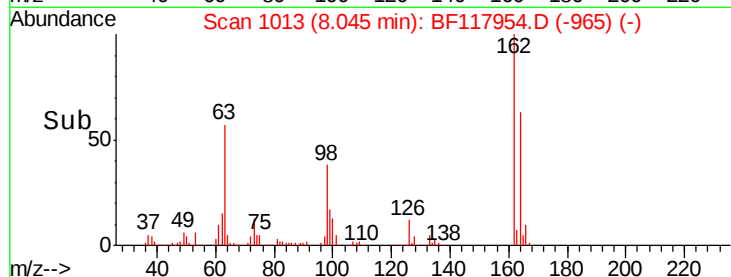
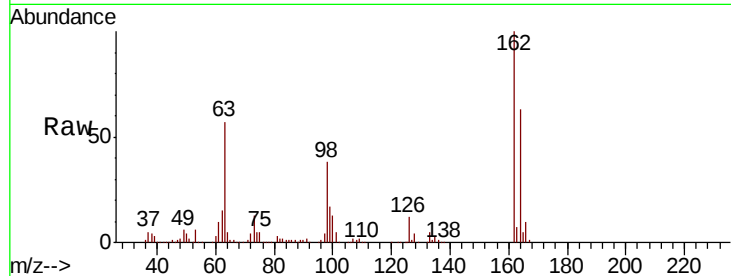




#29
2,4-Dichlorophenol
Concen: 45.106 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

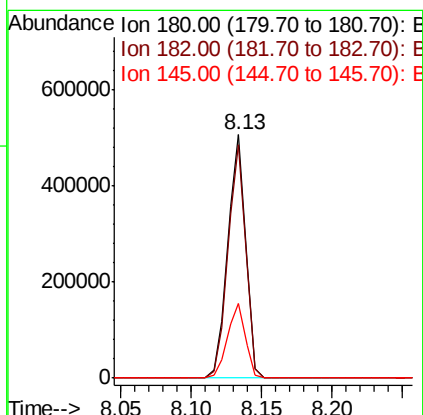
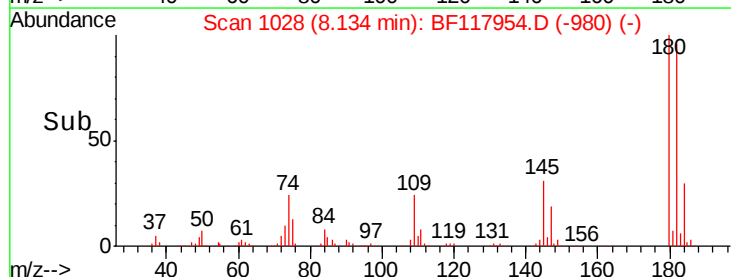
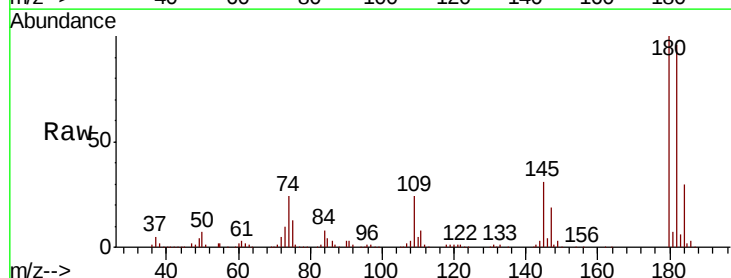
Instrument :
BNA_F
ClientSampleId :

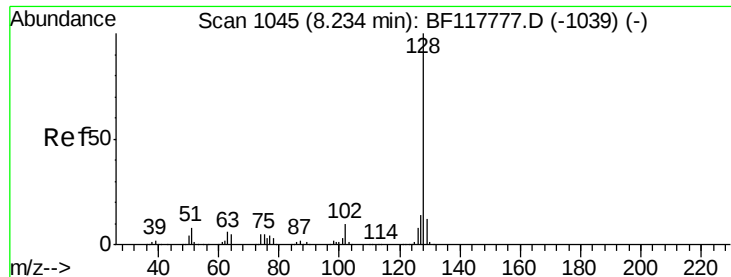
Tot Ion:162 Resp: 385718
Ion Ratio Lower Upper
162 100
164 63.2 45.1 85.1
98 37.5 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 44.694 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:180 Resp: 443325
Ion Ratio Lower Upper
180 100
182 95.9 75.8 113.6
145 30.9 25.5 38.3

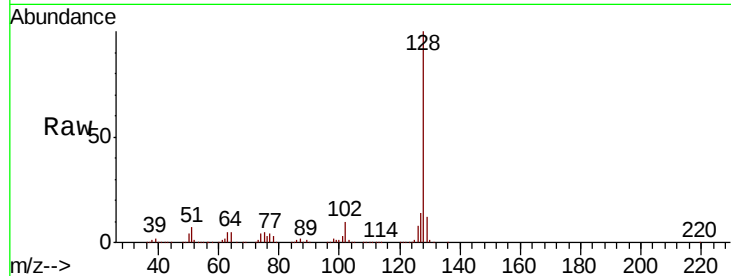




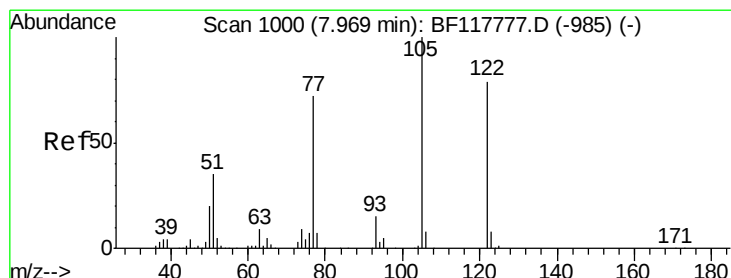
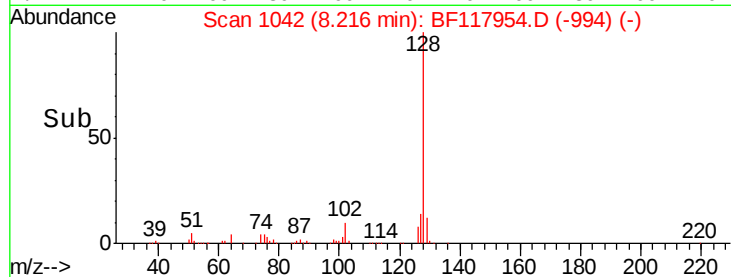
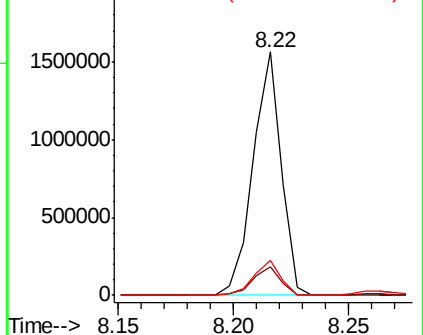
#31
Naphthalene
Concen: 47.651 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1334287
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 14.1 11.3 16.9

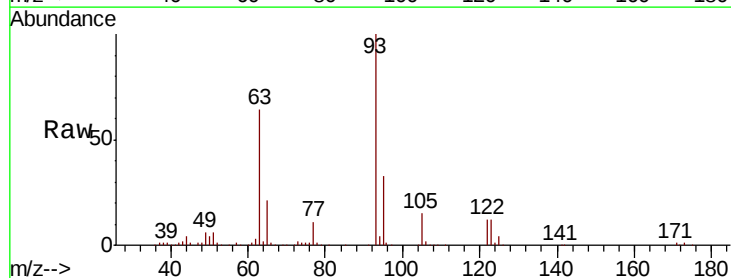


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

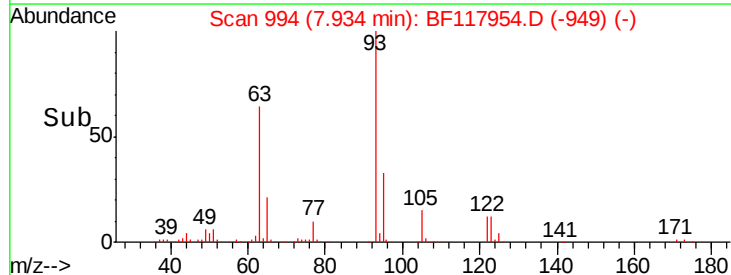
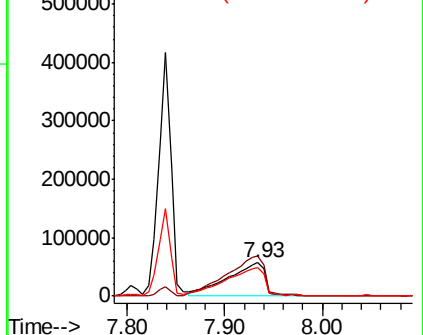


#32
Benzoic acid
Concen: 23.178 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.04 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:122 Resp: 152995
Ion Ratio Lower Upper
122 100
105 122.8 102.7 142.7
77 88.0 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

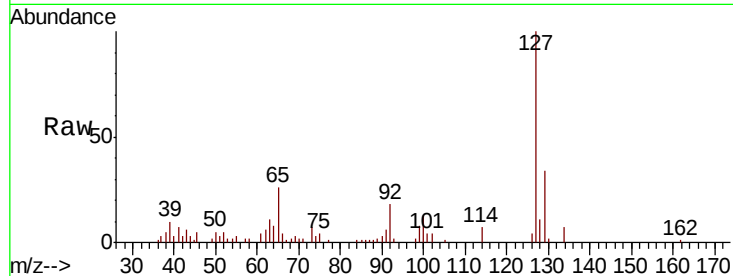




#33
4-Chloroaniline
Concen: 3.211 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	40247
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.5	39.7
65	26.2	22.9	34.3
92	18.4	15.0	22.6



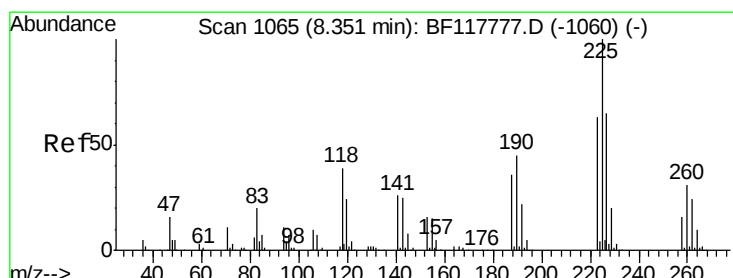
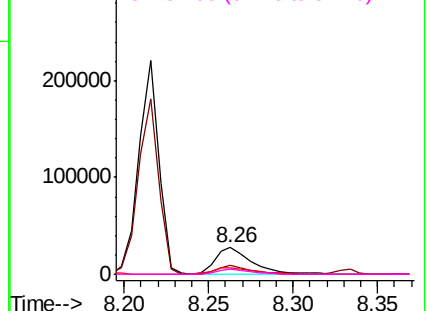
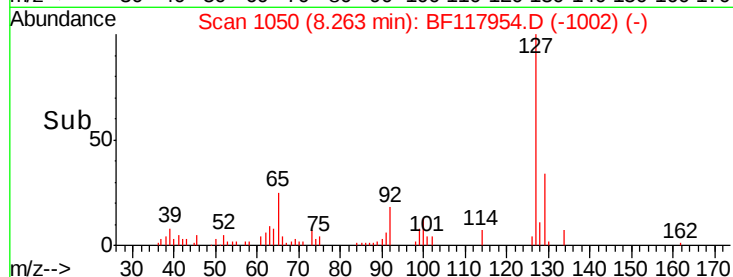
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

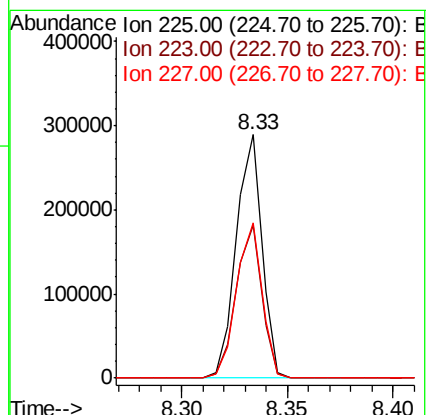
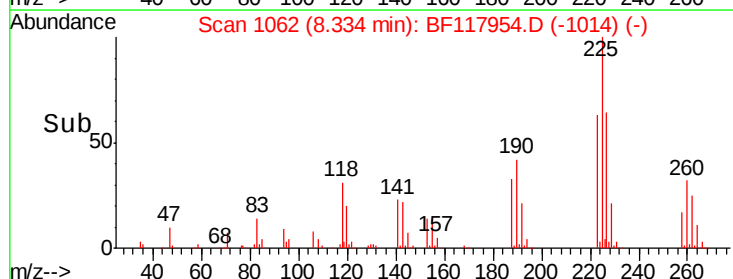
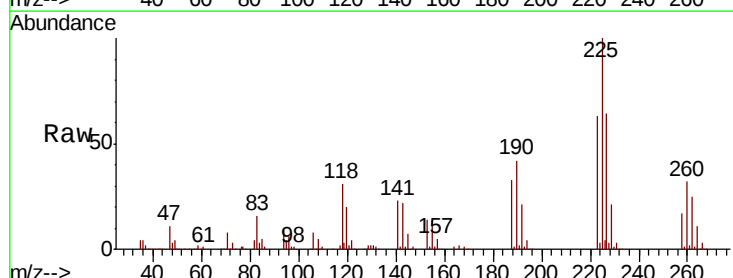
Ion 65.00 (64.70 to 65.70): BF1

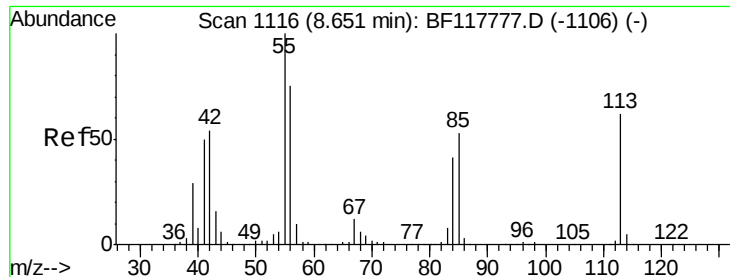
Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.723 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:	225	Resp:	241970
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.0	75.0
227	63.8	51.8	77.6

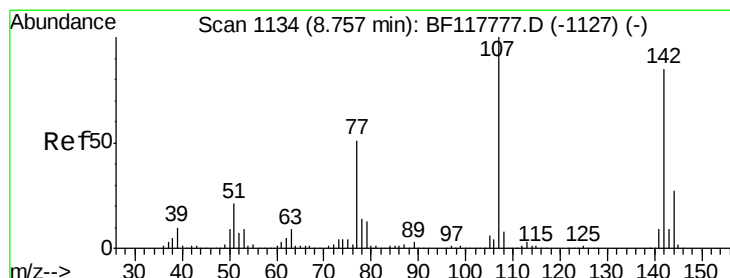
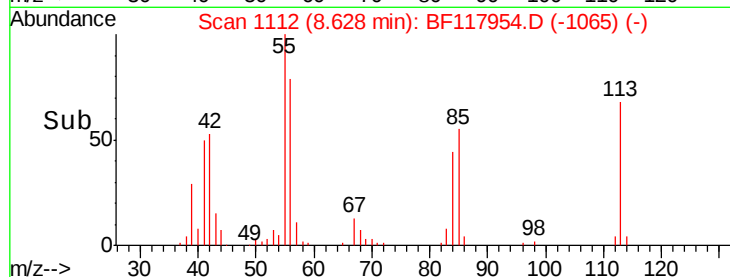
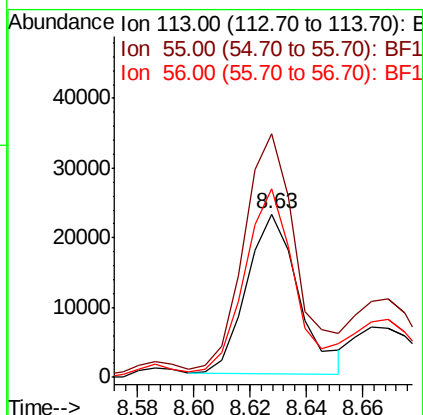
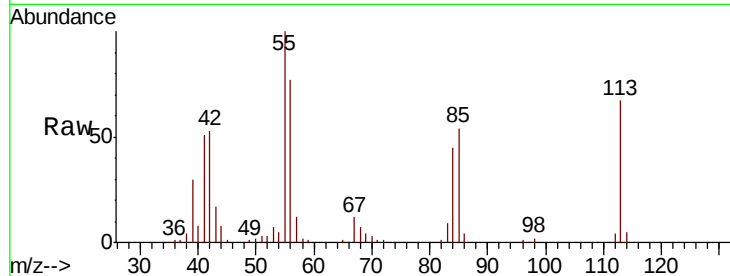




#35
Caprolactam
Concen: 10.789 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

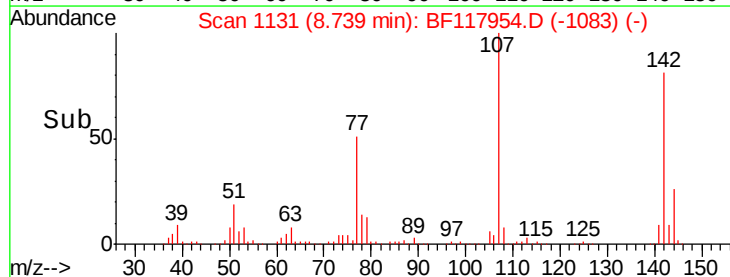
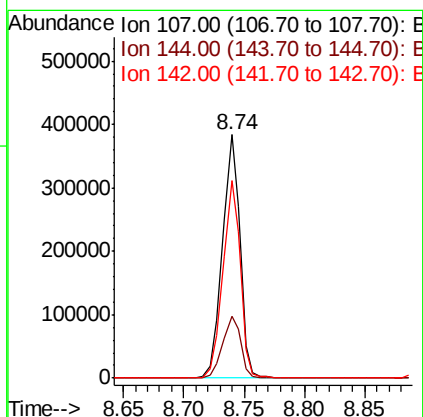
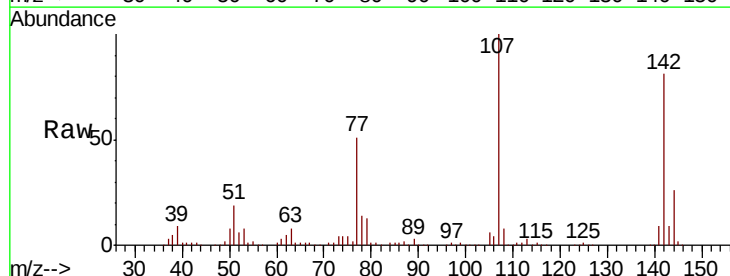
Instrument :
BNA_F
ClientSampleId :

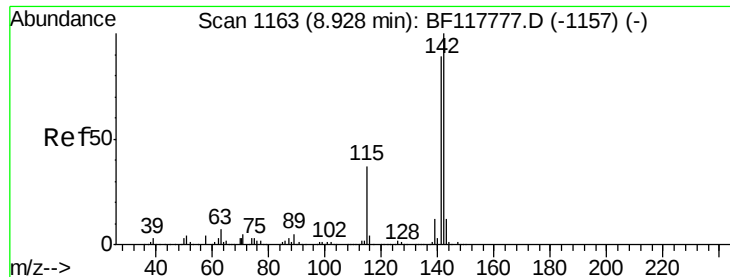
Tot Ion:113 Resp: 29323
Ion Ratio Lower Upper
113 100
55 149.0 141.1 181.1
56 115.3 100.5 140.5



#36
4-Chloro-3-methylphenol
Concen: 44.289 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:107 Resp: 384366
Ion Ratio Lower Upper
107 100
144 25.5 21.9 32.9
142 81.1 67.7 101.5

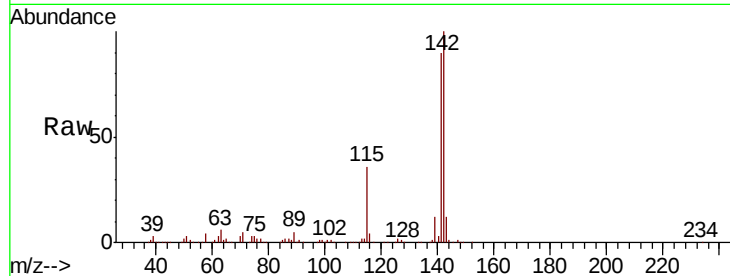




#37
 2-Methylnaphthalene
 Concen: 44.325 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.1	106.7
115	35.9	29.2	43.8

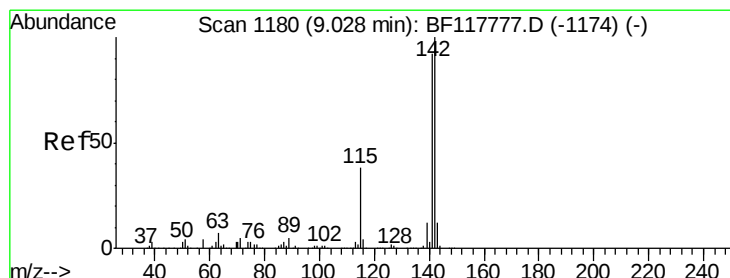
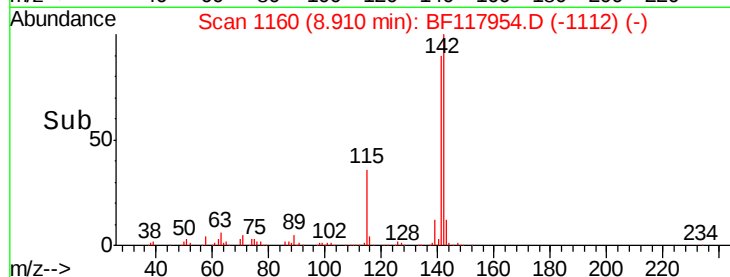
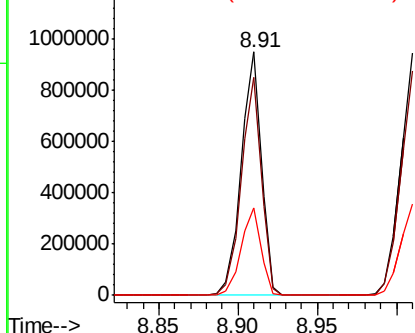


Abundance

Ion 142.00 (141.70 to 142.70): E

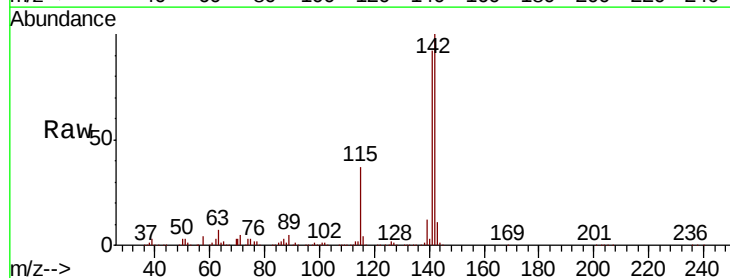
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 45.572 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.5	110.3
116	3.9	3.2	4.8

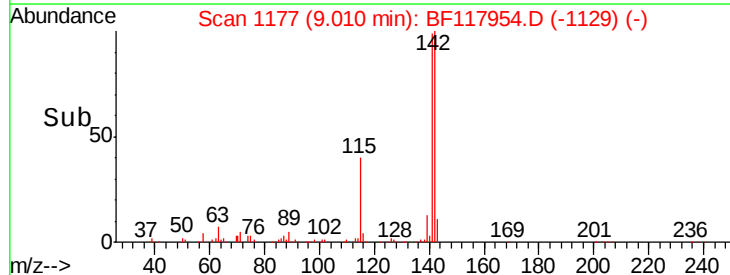
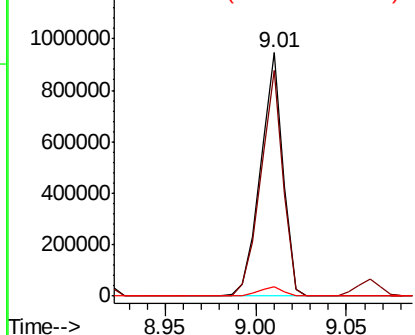


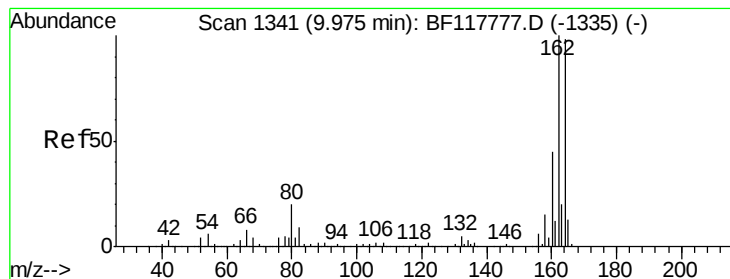
Abundance

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: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampled :

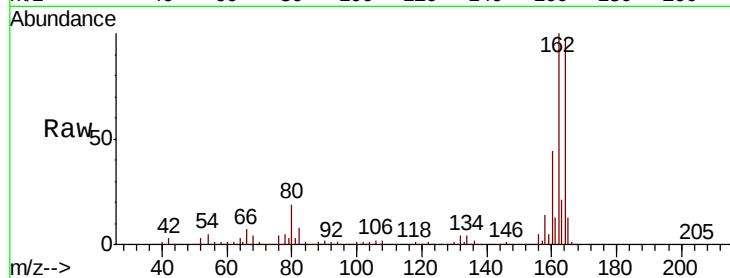
Tot Ion:164 Resp: 338313

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

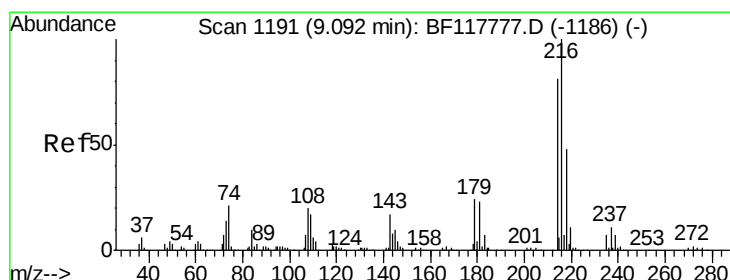
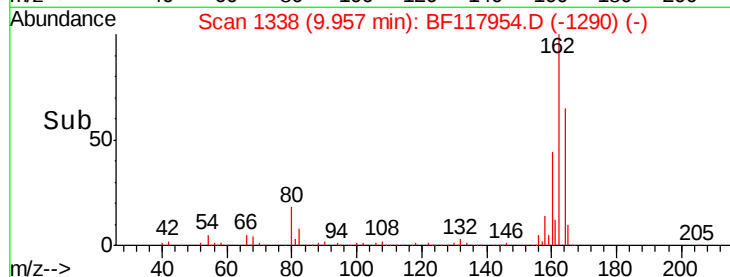
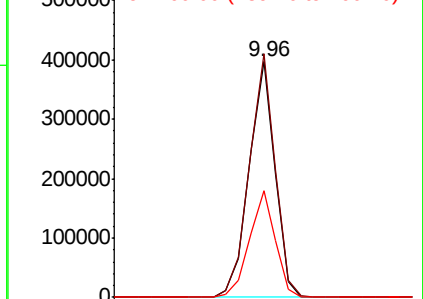
160 45.2 36.6 55.0



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: 41.103 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Tgt Ion:216 Resp: 403835

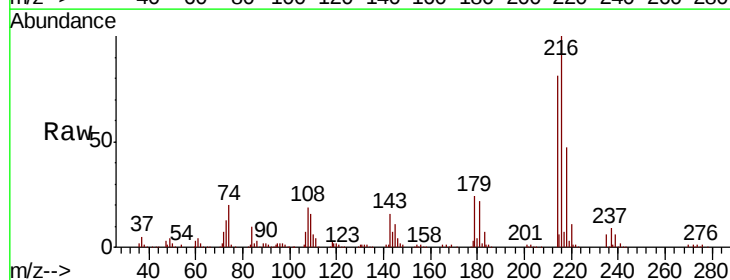
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 22.7 18.2 27.4

108 21.8 16.0 24.0

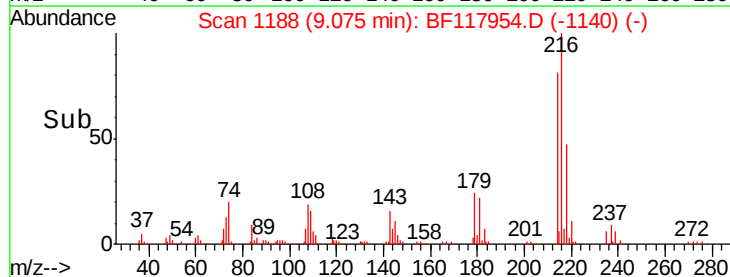
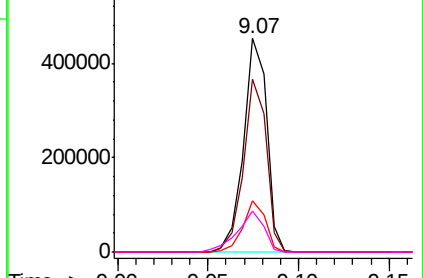


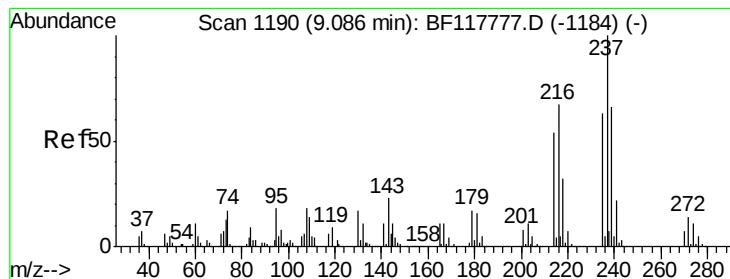
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.623 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

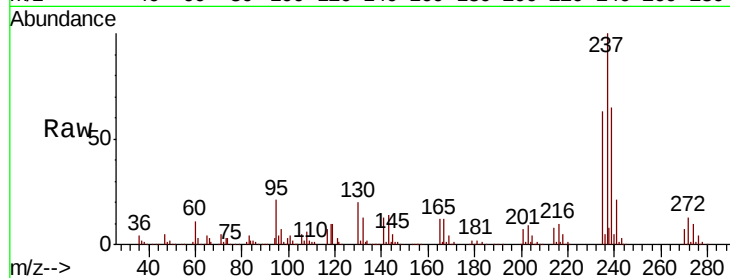
Tot Ion:237 Resp: 476938

Ion Ratio Lower Upper

237 100

235 63.0 42.6 82.6

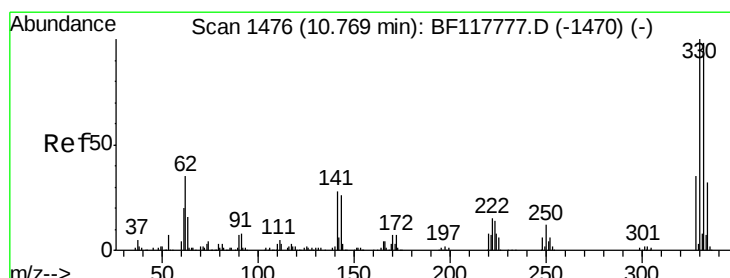
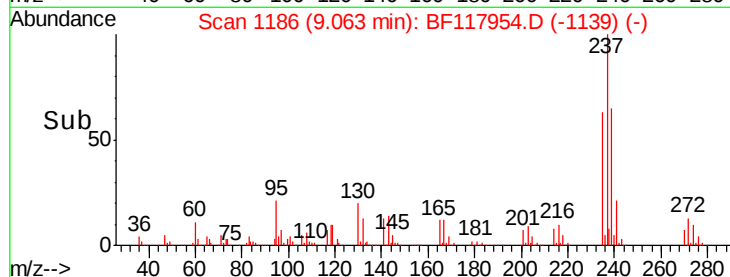
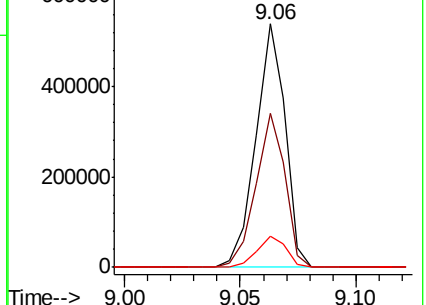
272 12.9 0.0 34.3



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: 135.347 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

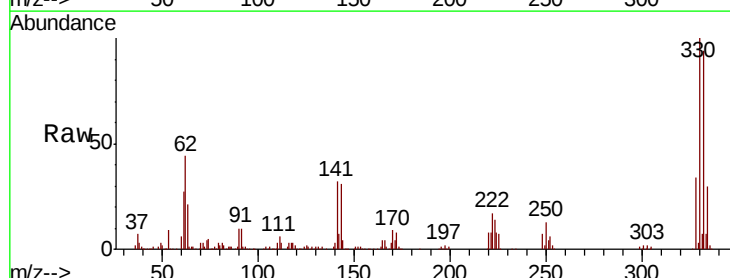
Tgt Ion:330 Resp: 484771

Ion Ratio Lower Upper

330 100

332 95.1 76.7 115.1

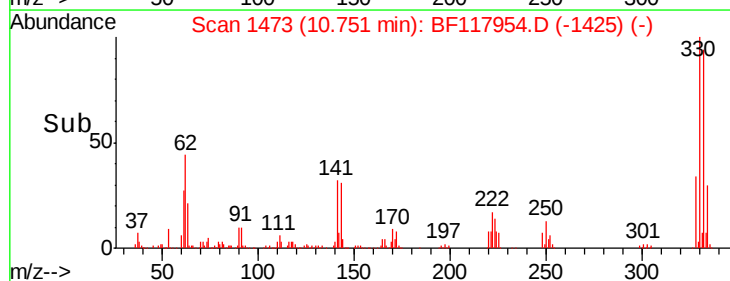
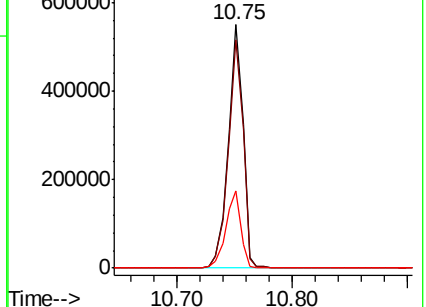
141 32.5 27.7 41.5

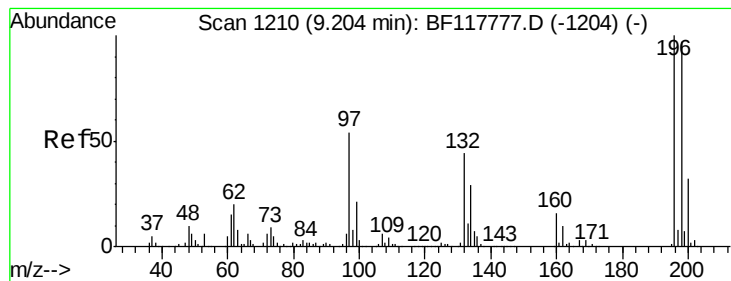


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 44.003 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

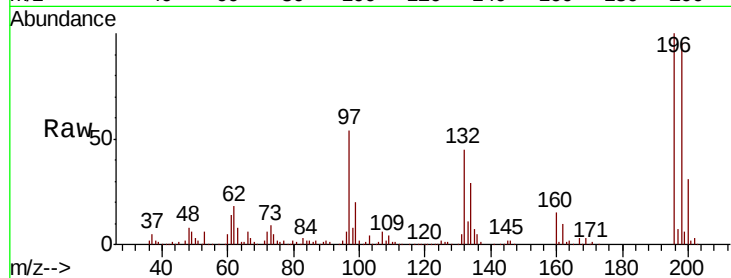
Tot Ion:196 Resp: 309658

Ion Ratio Lower Upper

196 100

198 96.2 77.8 116.6

200 30.5 25.4 38.0

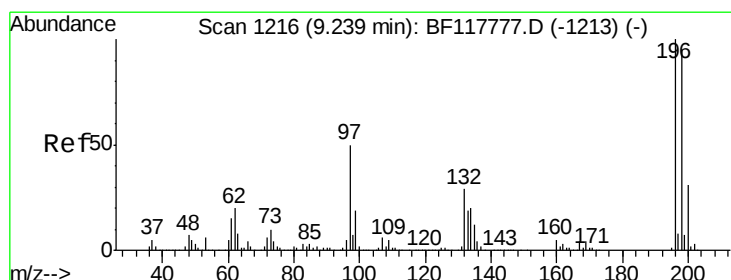
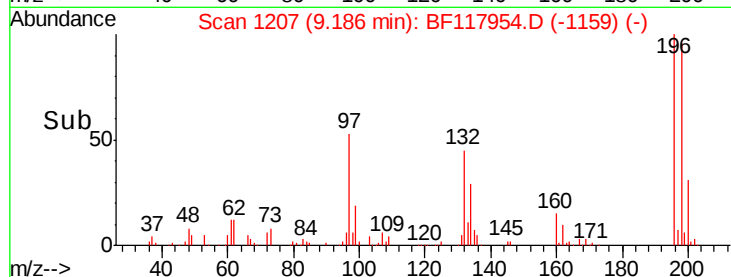
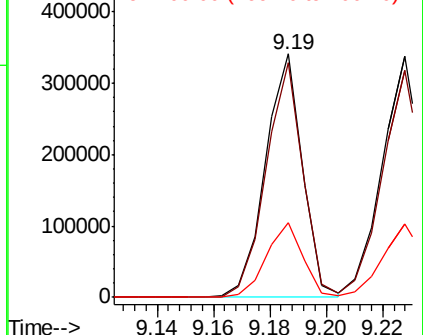


Abundance

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: 45.816 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Tgt Ion:196 Resp: 334760

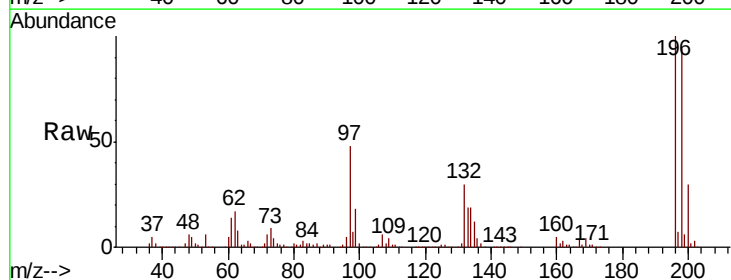
Ion Ratio Lower Upper

196 100

198 94.4 76.3 114.5

97 48.3 40.0 60.0

132 29.5 23.6 35.4



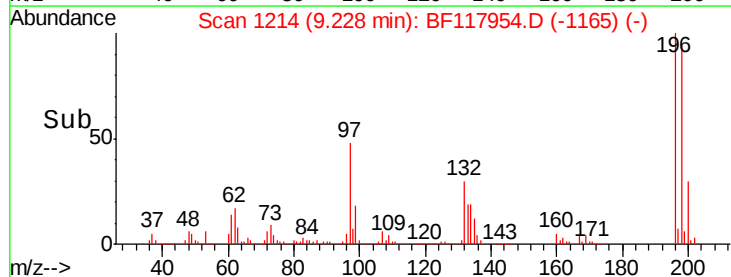
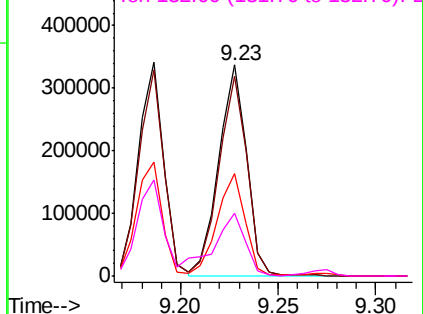
Abundance

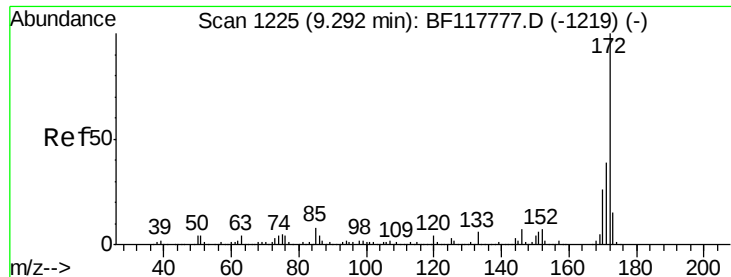
Ion 196.00 (195.70 to 196.70): E

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

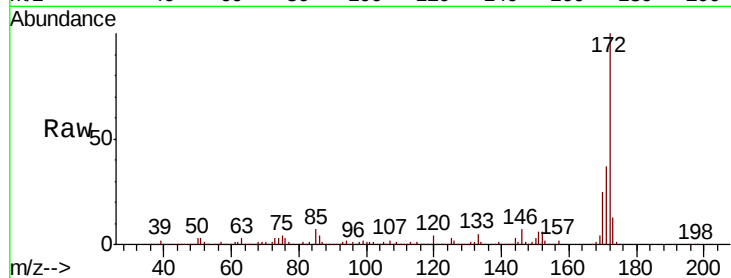




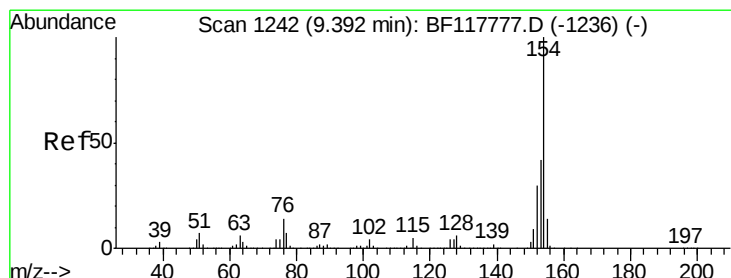
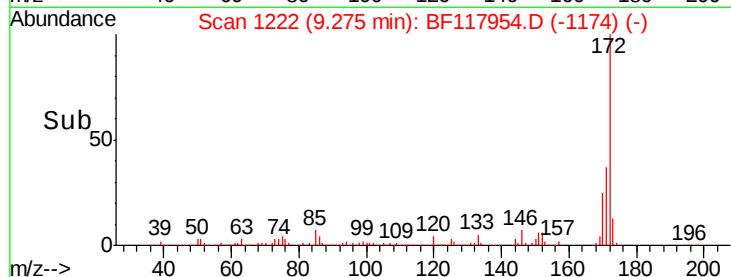
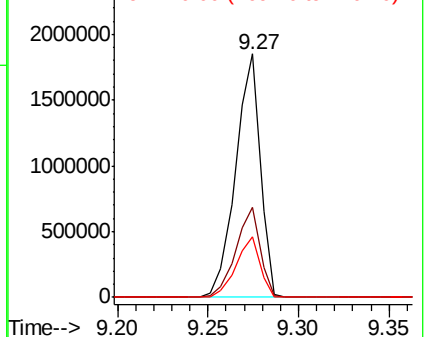
#45
2-Fluorobiphenyl
Concen: 92.830 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1750556
Ion Ratio Lower Upper
172 100
171 37.1 30.9 46.3
170 24.8 21.0 31.4

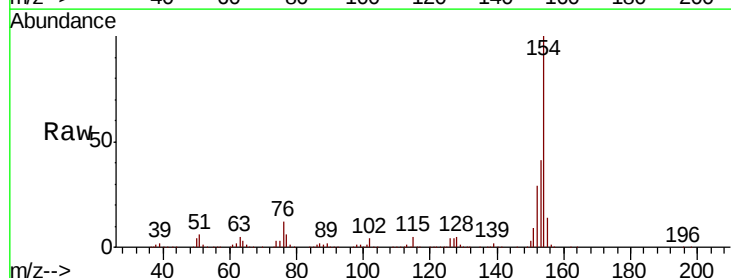


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

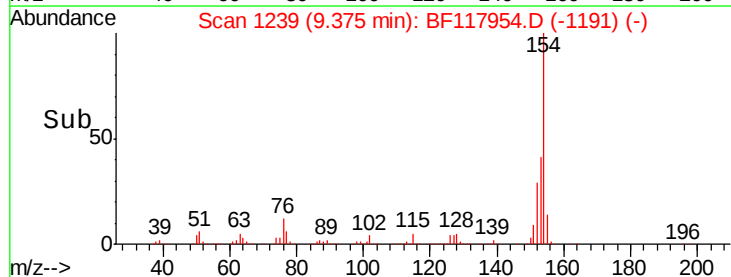
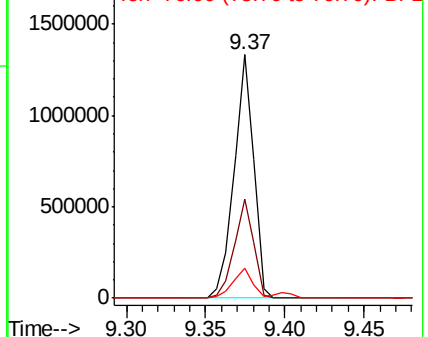


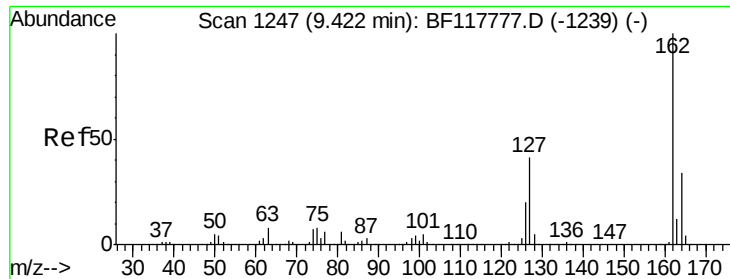
#46
1,1'-Biphenyl
Concen: 45.326 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:154 Resp: 1137669
Ion Ratio Lower Upper
154 100
153 40.7 21.9 61.9
76 12.3 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

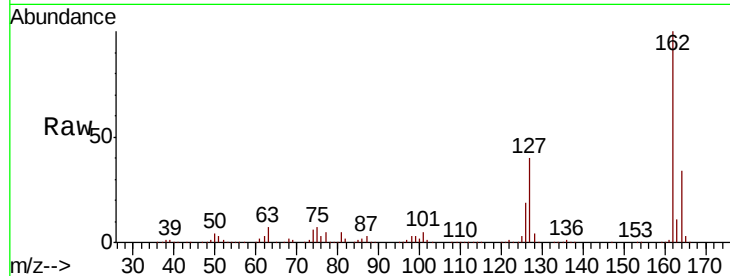




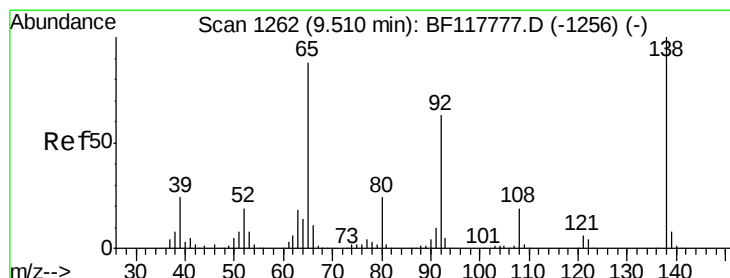
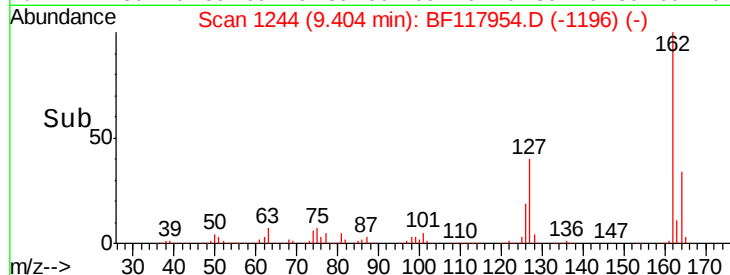
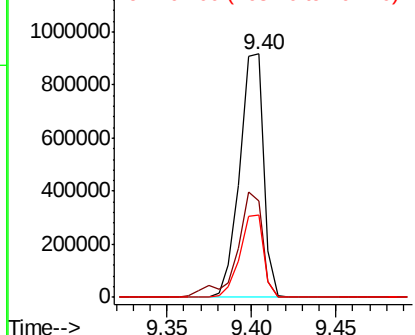
#47
 2-Chloronaphthalene
 Concen: 44.057 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 909701
 Ion Ratio Lower Upper
 162 100
 127 39.8 33.2 49.8
 164 33.6 27.3 40.9

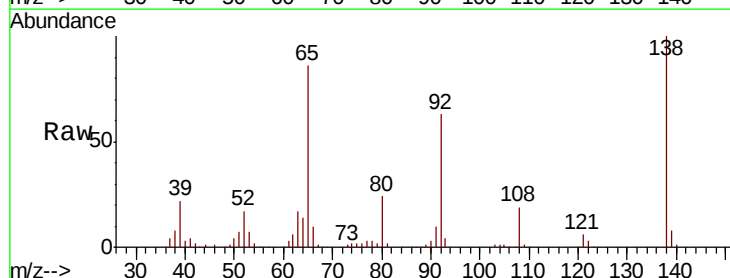


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

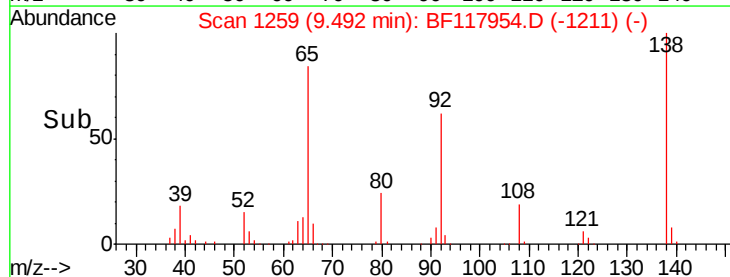
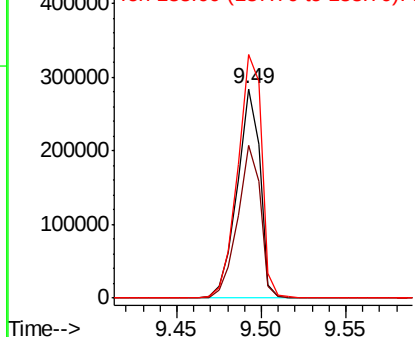


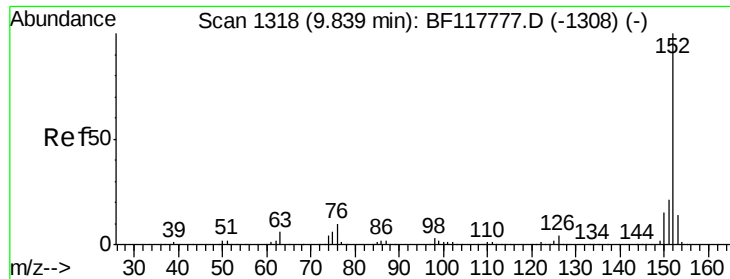
#48
 2-Nitroaniline
 Concen: 42.929 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion: 65 Resp: 267610
 Ion Ratio Lower Upper
 65 100
 92 72.9 56.6 84.8
 138 116.4 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: 49.097 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

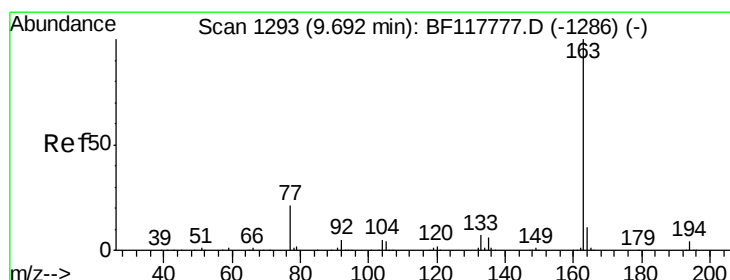
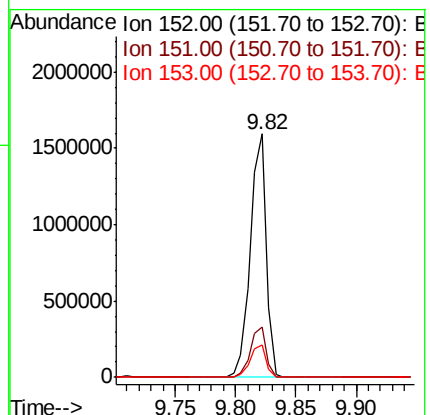
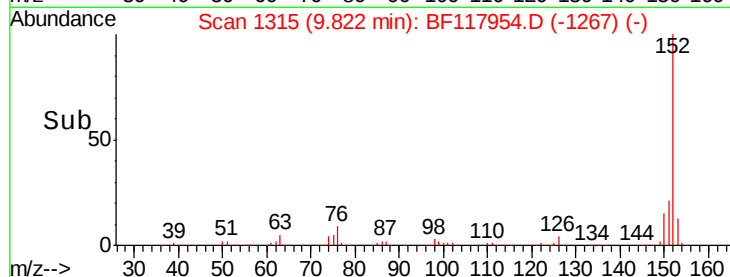
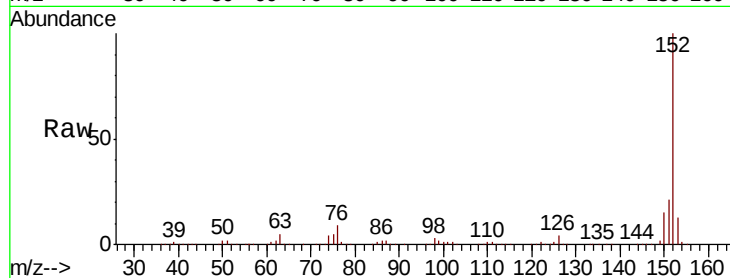
Tot Ion:152 Resp: 1478015

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

153 13.4 11.0 16.6



#50

Dimethylphthalate

Concen: 50.632 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

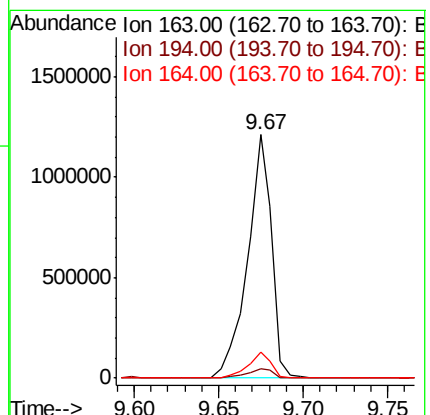
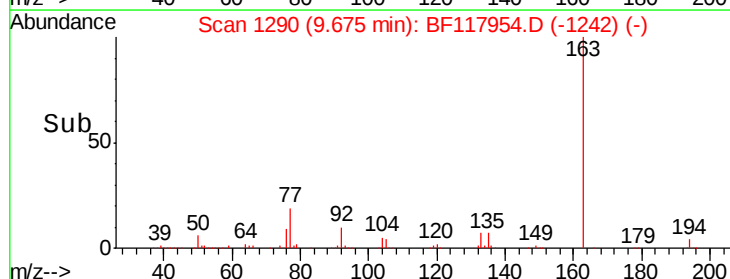
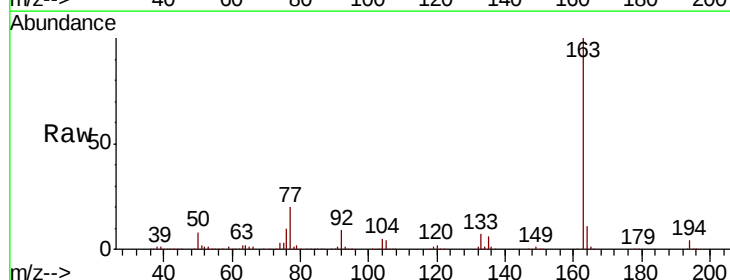
Tgt Ion:163 Resp: 1201197

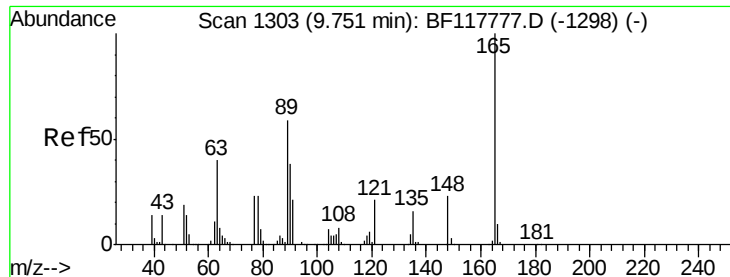
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.7 13.1





#51

2,6-Dinitrotoluene

Concen: 50.637 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

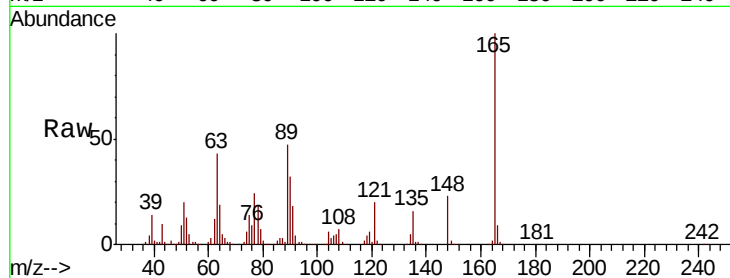
Tot Ion:165 Resp: 262551

Ion Ratio Lower Upper

165 100

63 43.0 46.0 69.0#

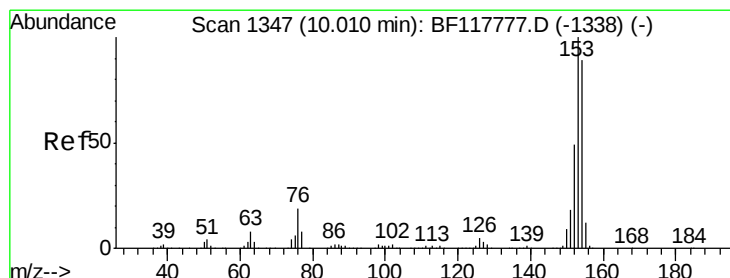
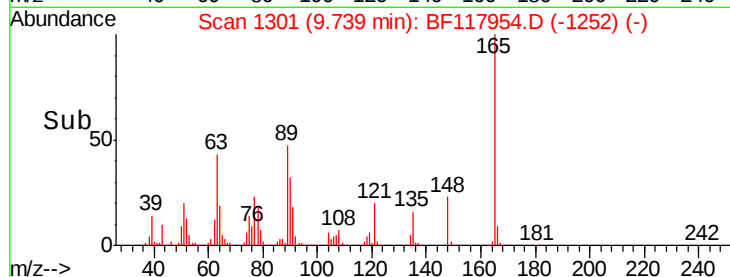
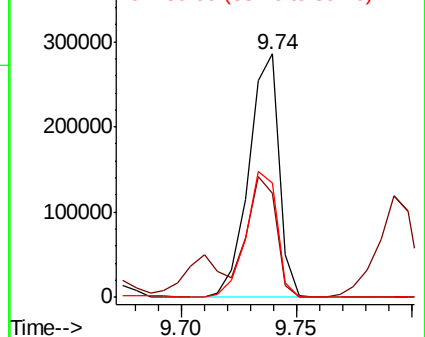
89 47.1 47.7 71.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 47.688 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

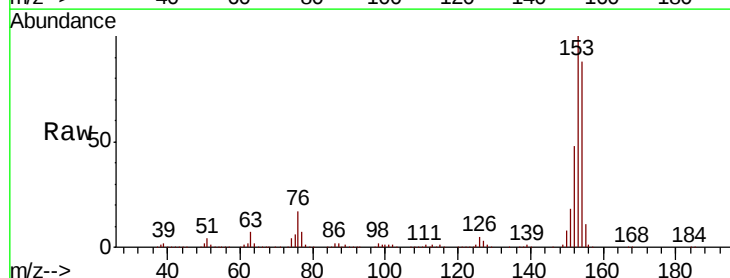
Tgt Ion:154 Resp: 919648

Ion Ratio Lower Upper

154 100

153 114.0 90.1 135.1

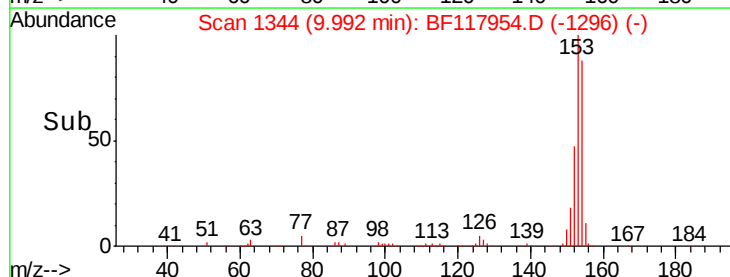
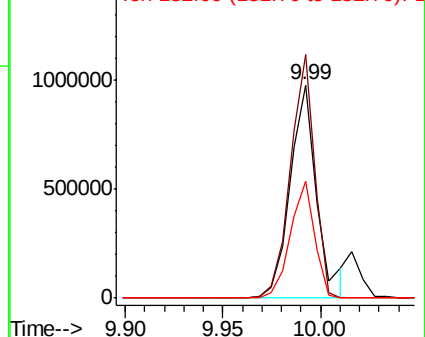
152 54.6 44.0 66.0

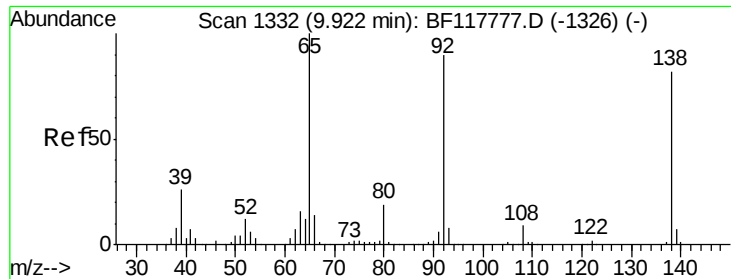


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

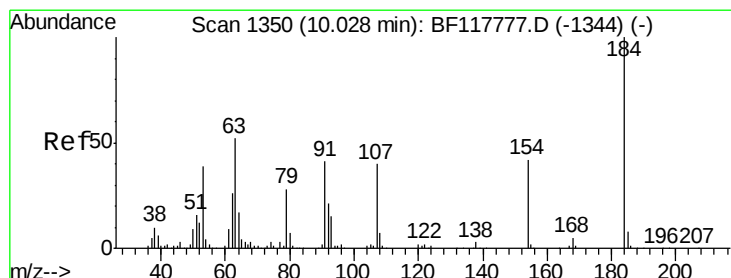
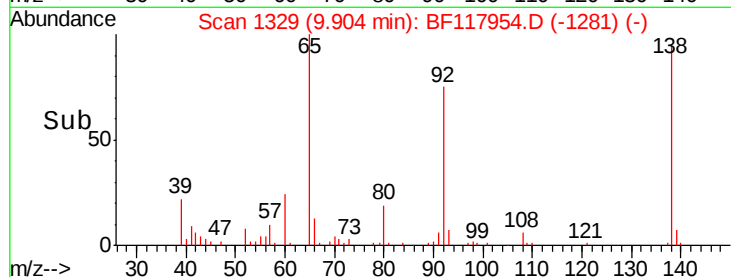
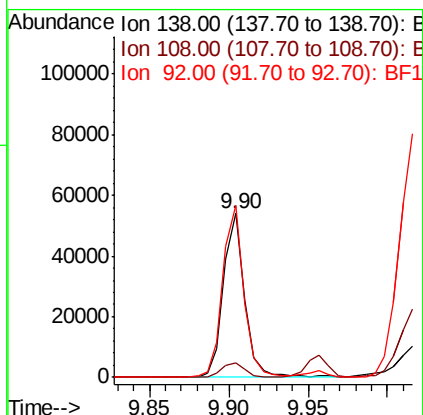
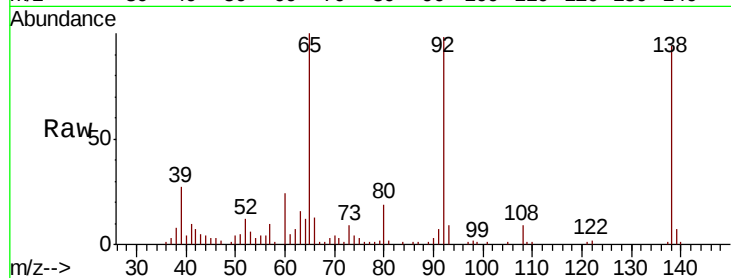




#53
3-Nitroaniline
Concen: 8.102 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

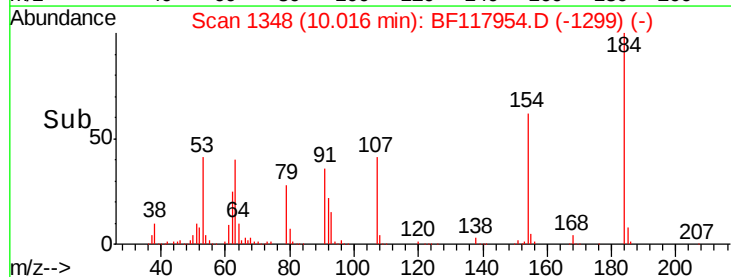
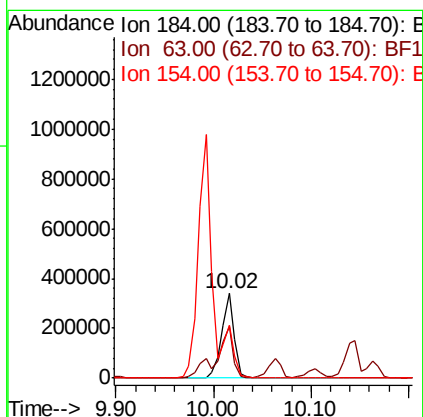
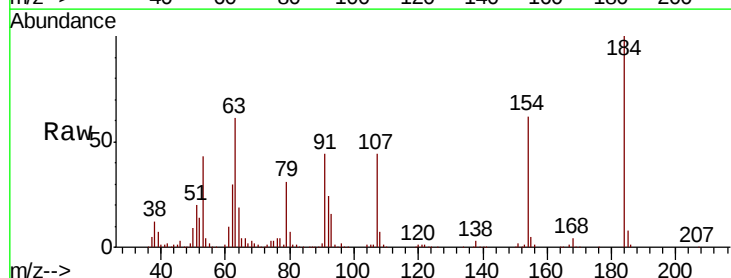
Instrument :
BNA_F
ClientSampleId :

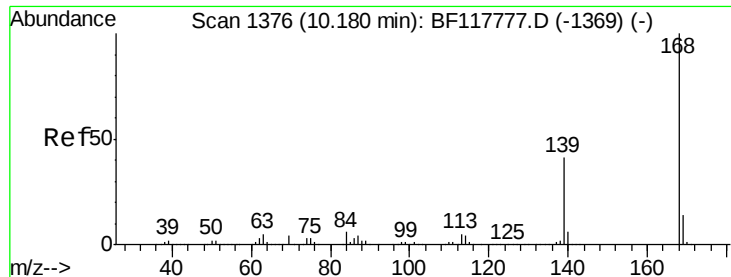
Tot Ion:138 Resp: 50266
Ion Ratio Lower Upper
138 100
108 9.1 8.6 12.8
92 104.7 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 110.514 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:184 Resp: 302491
Ion Ratio Lower Upper
184 100
63 60.6 43.0 64.6
154 62.4 48.0 72.0

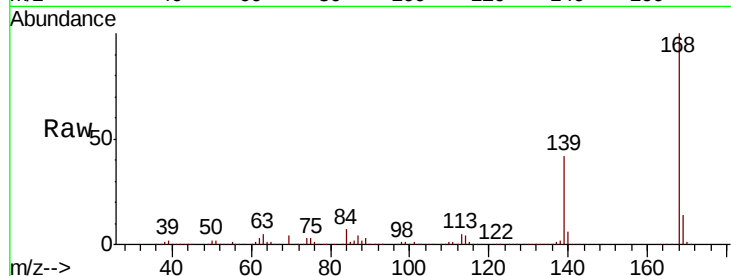




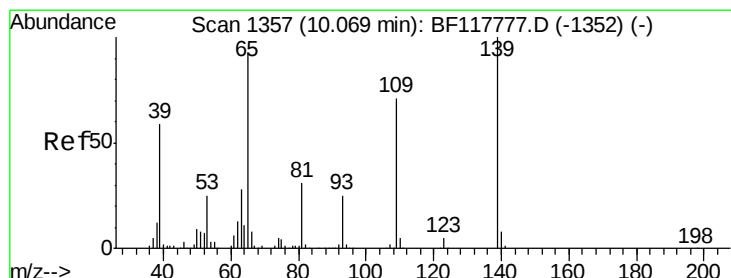
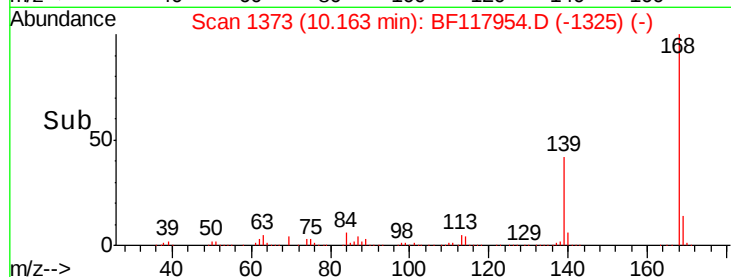
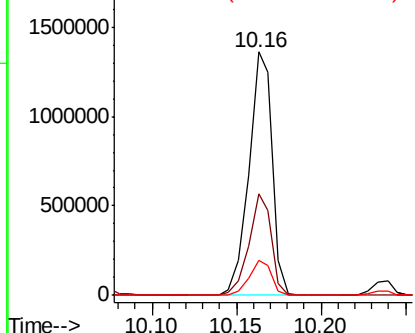
#55
Dibenzenofuran
Concen: 49.056 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1310017
Ion Ratio Lower Upper
168 100
139 41.8 33.0 49.6
169 14.4 11.5 17.3

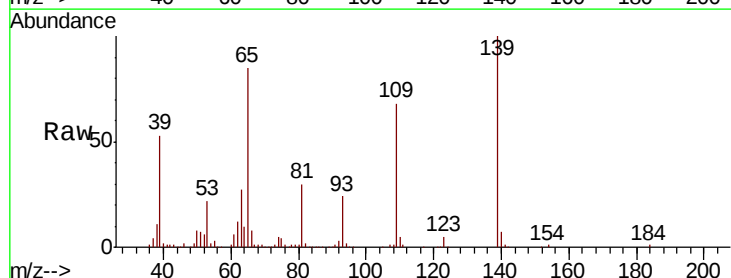


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

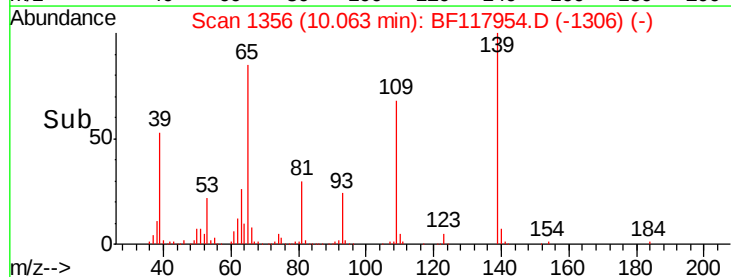
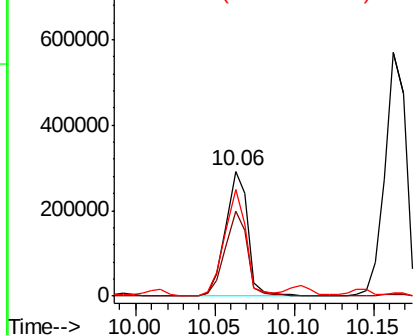


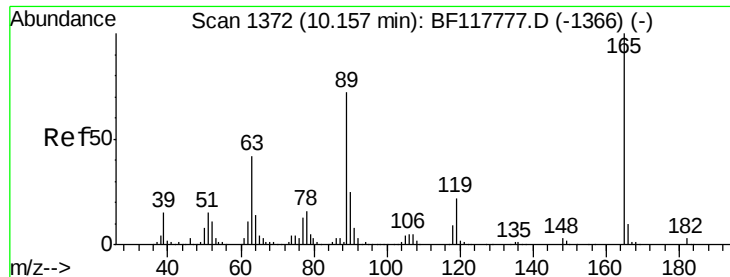
#56
4-Nitrophenol
Concen: 62.259 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:139 Resp: 288323
Ion Ratio Lower Upper
139 100
109 68.0 50.8 90.8
65 85.4 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

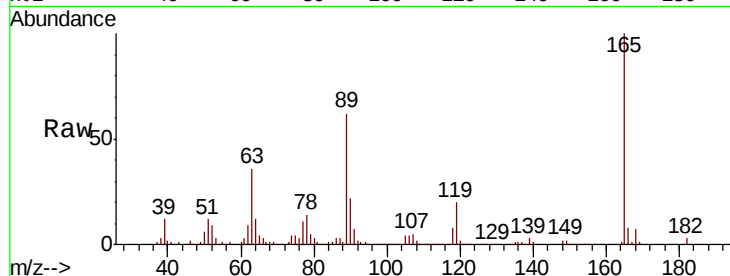




#57
2,4-Dinitrotoluene
Concen: 54.100 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.9	33.7	50.5
89	61.9	57.3	85.9
182	2.8	2.3	3.5



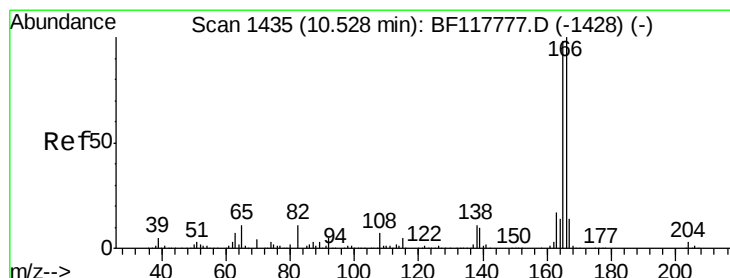
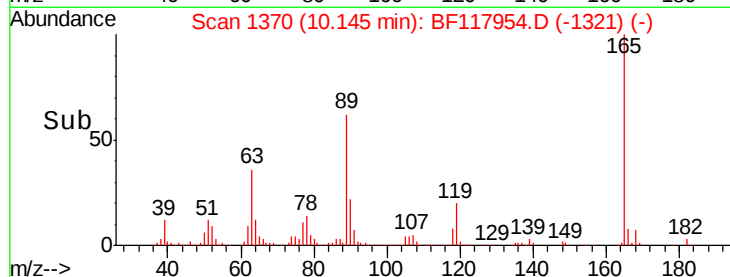
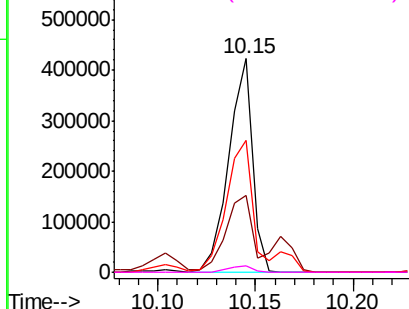
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

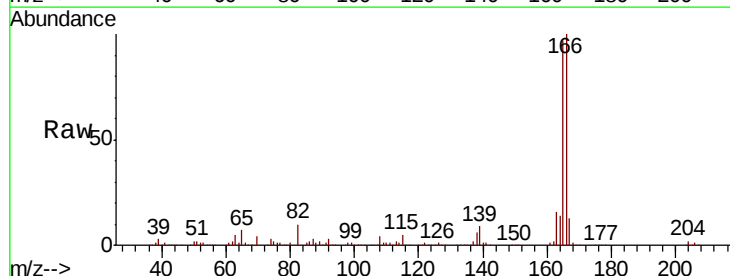
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.436 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	13.3	11.0	16.4

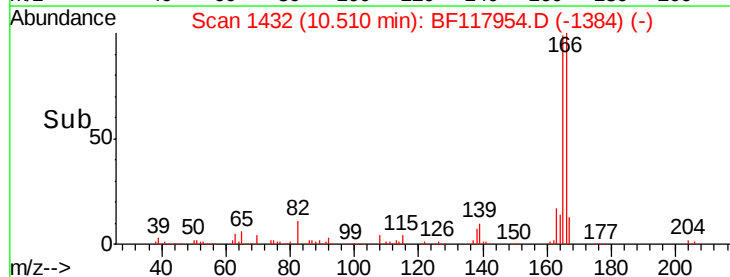
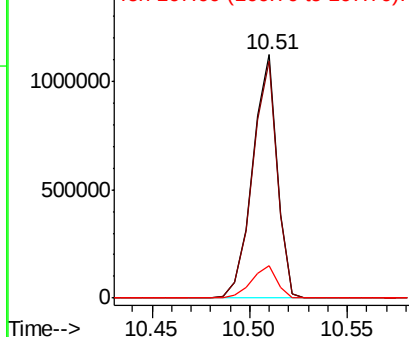


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

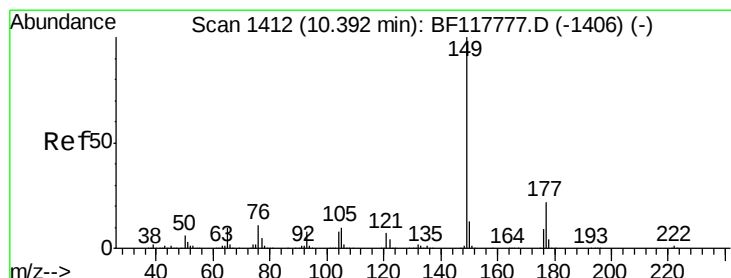
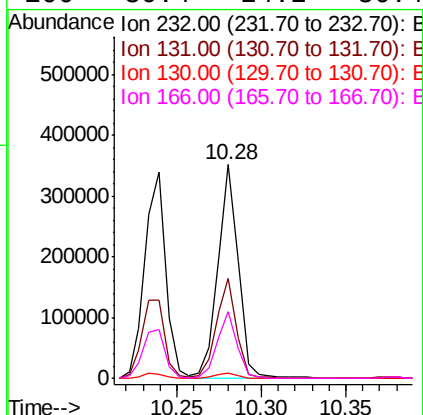
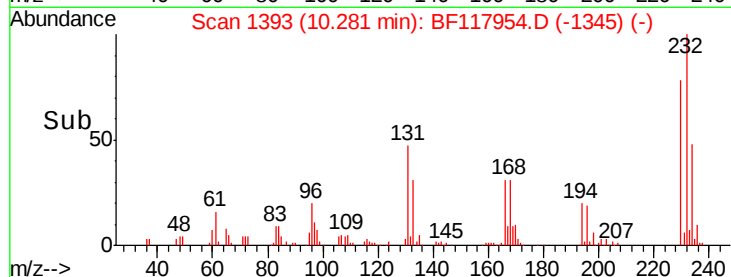
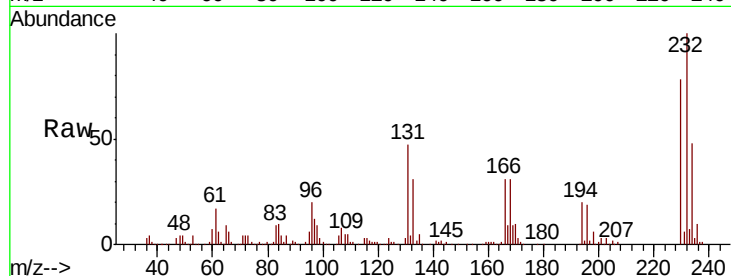




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.387 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

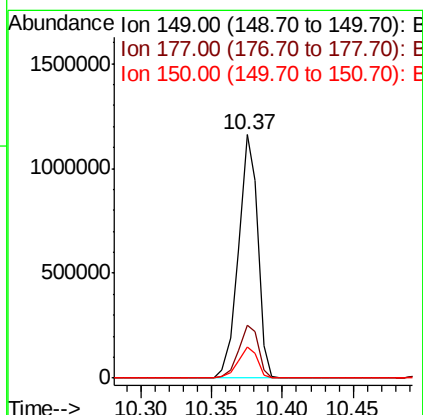
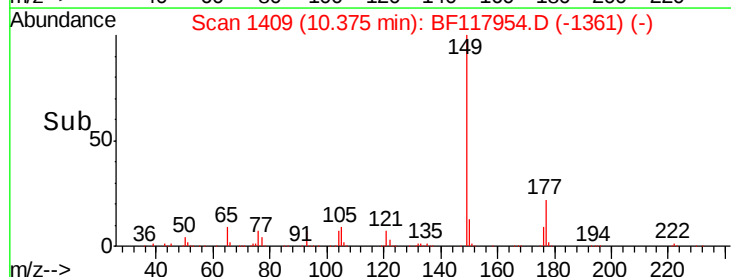
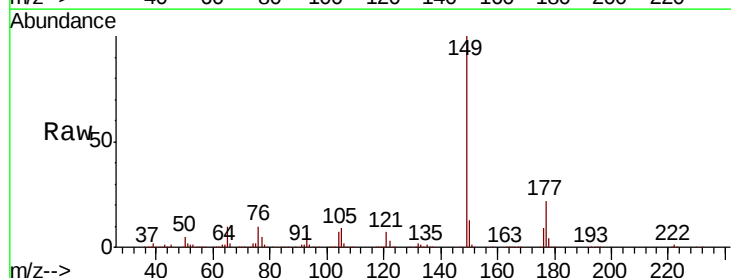
Instrument :
 BNA_F
 ClientSampleId :

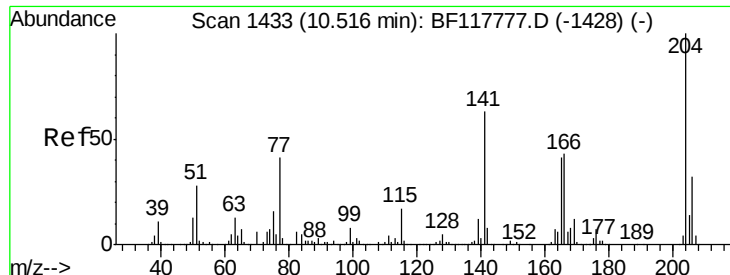
Tot Ion:	232	Resp:	296490
Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.6	56.4
130	2.4	1.9	2.9
166	30.4	24.2	36.4



#60
 Diethylphthalate
 Concen: 47.501 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion:	149	Resp:	1098677
Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.0	27.0
150	12.7	10.5	15.7

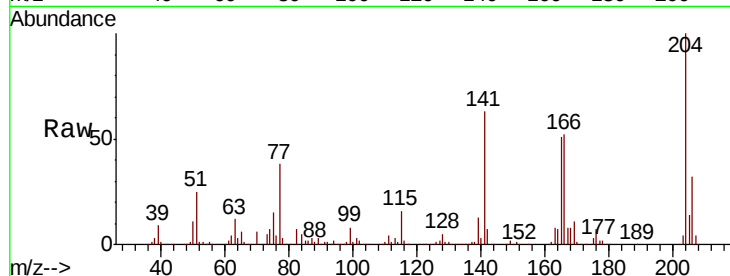




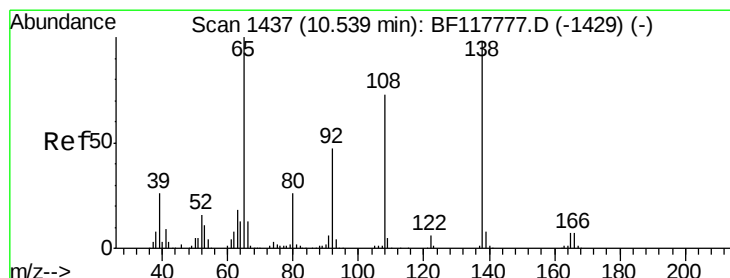
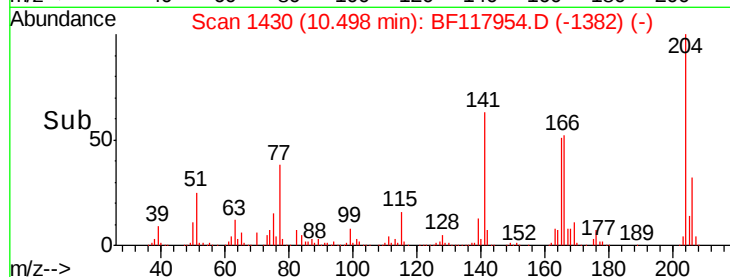
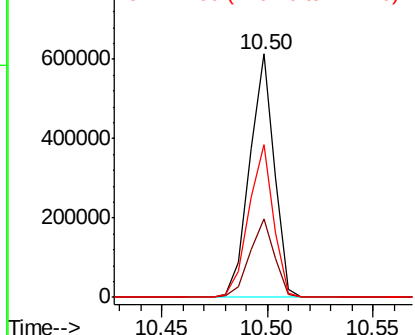
#61
 4-Chlorophenyl-phenylether
 Concen: 47.356 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 497336
 Ion Ratio Lower Upper
 204 100
 206 32.0 25.6 38.4
 141 62.6 50.7 76.1

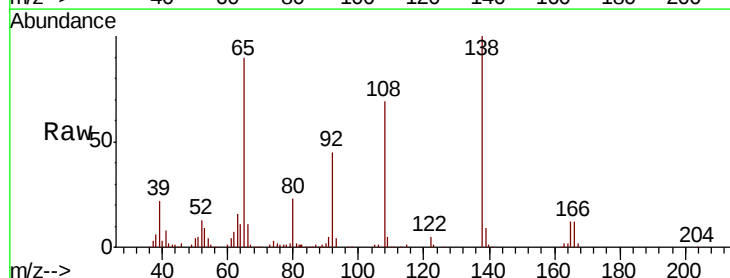


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

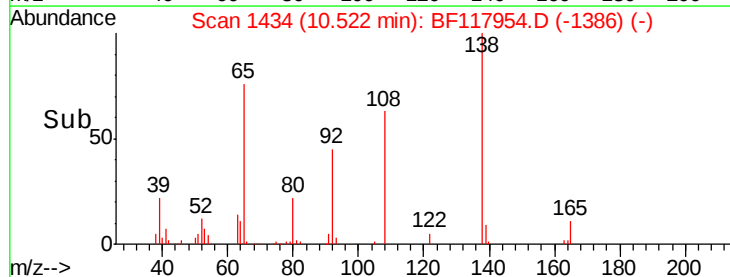
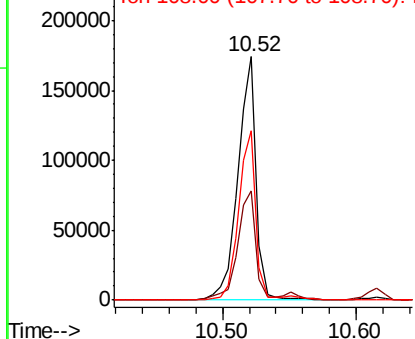


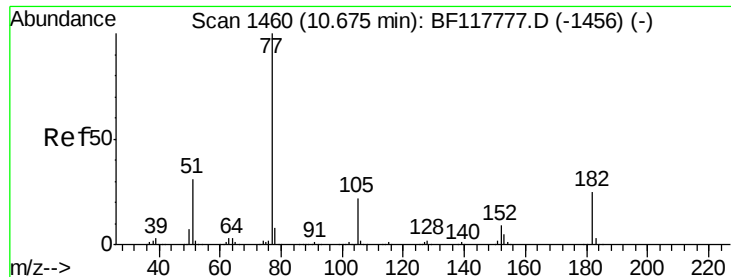
#62
 4-Nitroaniline
 Concen: 26.825 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion:138 Resp: 166637
 Ion Ratio Lower Upper
 138 100
 92 44.8 28.3 68.3
 108 69.4 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: 45.926 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 966387

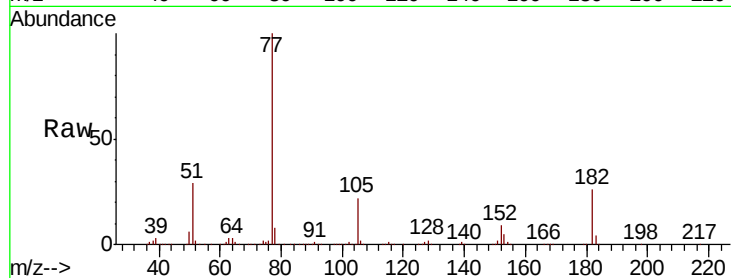
Ion Ratio Lower Upper

77 100

182 26.0 4.8 44.8

105 22.4 2.1 42.1

51 29.3 11.4 51.4

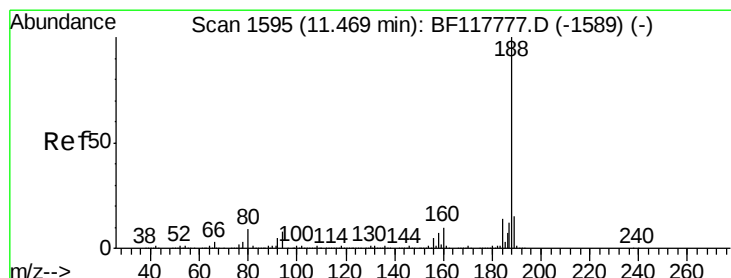
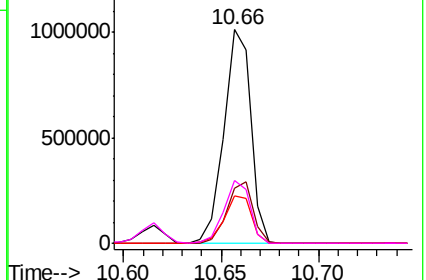
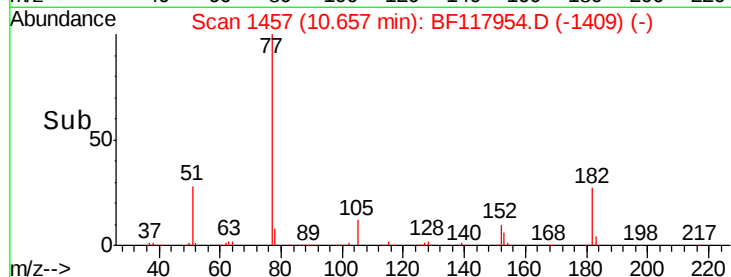


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

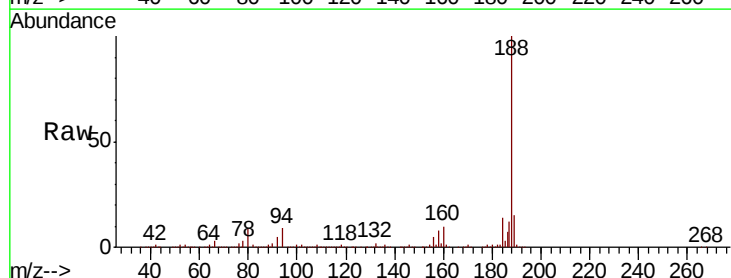
Tgt Ion: 188 Resp: 654075

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

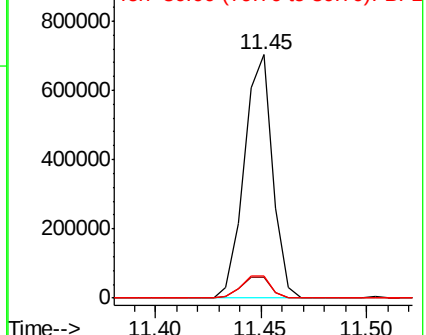
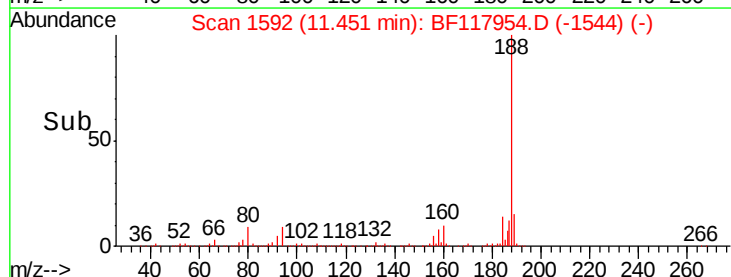
80 9.1 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 64.606 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

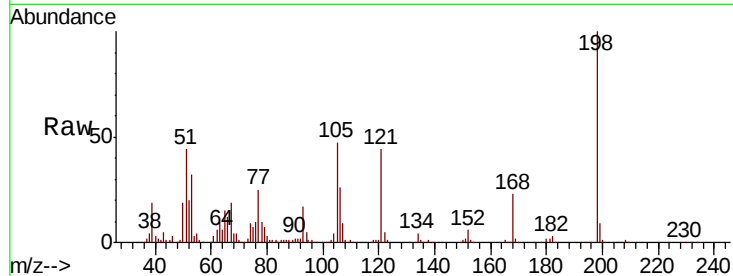
Tot Ion:198 Resp: 197273

Ion Ratio Lower Upper

198 100

51 44.3 16.0 56.0

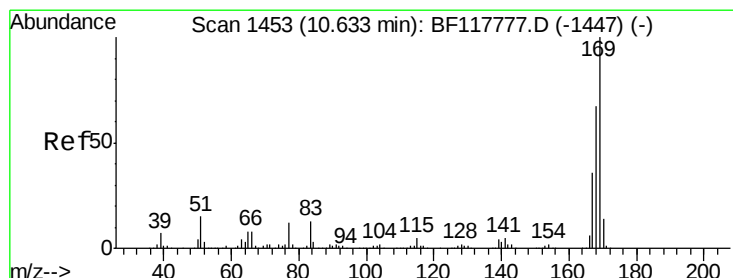
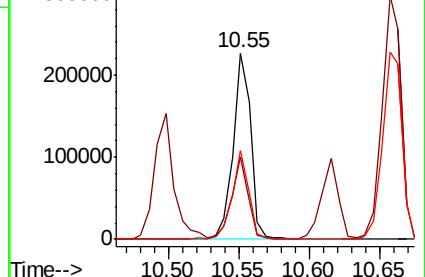
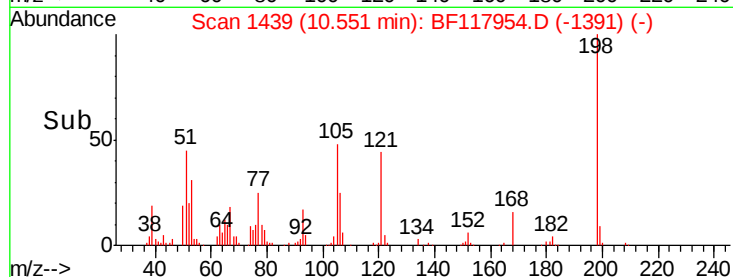
105 47.4 19.1 59.1



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: 33.755 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

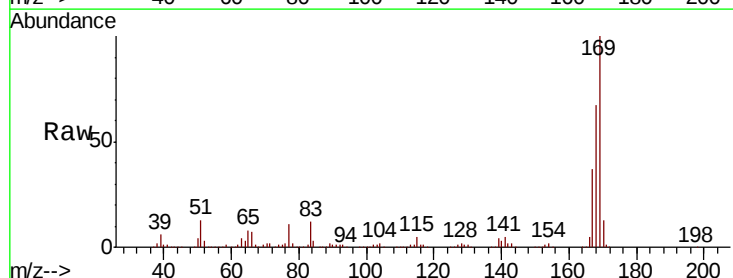
Tgt Ion:169 Resp: 642537

Ion Ratio Lower Upper

169 100

168 66.5 53.5 80.3

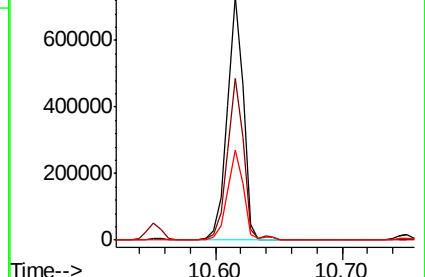
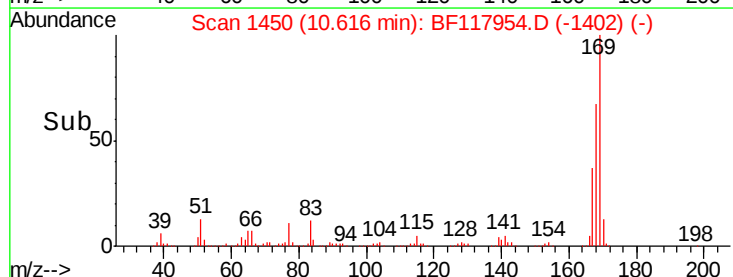
167 36.8 29.0 43.4



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

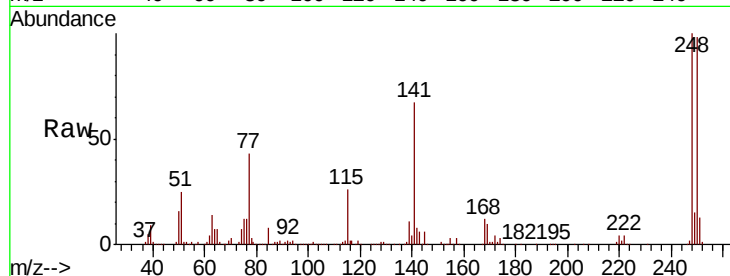




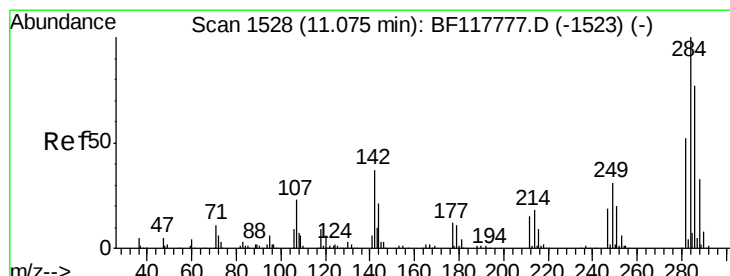
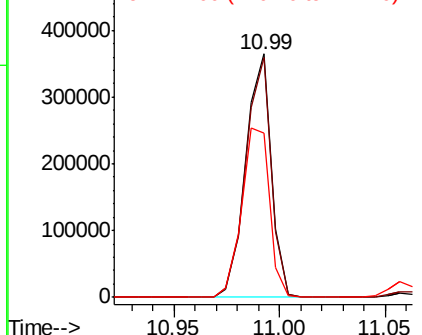
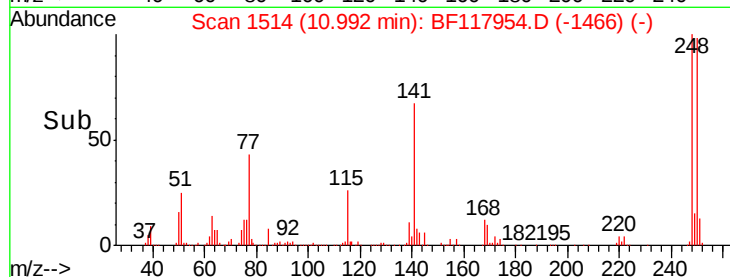
#67
4-Bromophenyl-phenylether
Concen: 43.569 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 307485
Ion Ratio Lower Upper
248 100
250 98.5 76.6 115.0
141 67.2 55.9 83.9

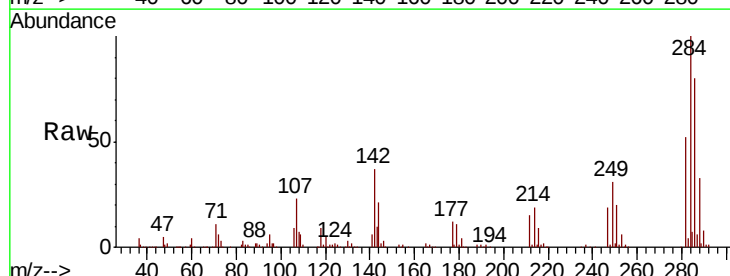


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

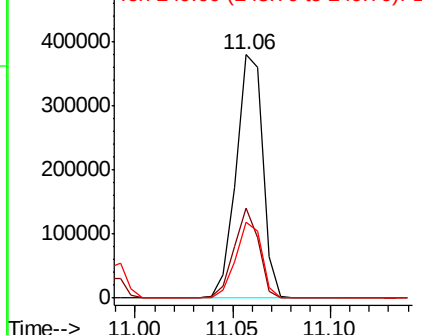
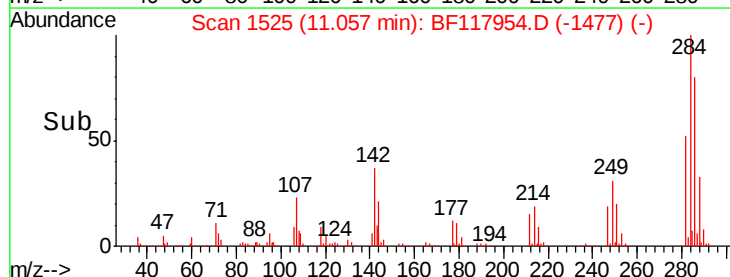


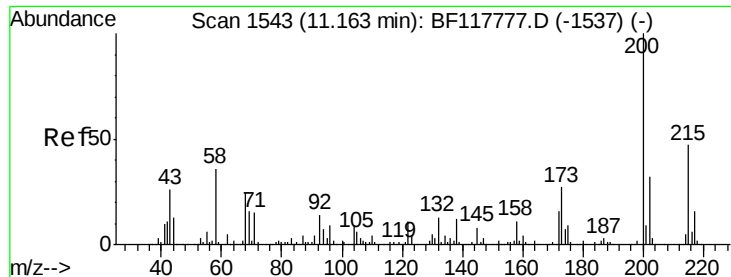
#68
Hexachlorobenzene
Concen: 43.699 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:284 Resp: 359610
Ion Ratio Lower Upper
284 100
142 36.9 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

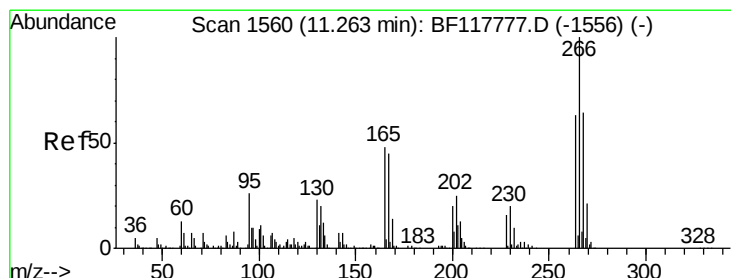
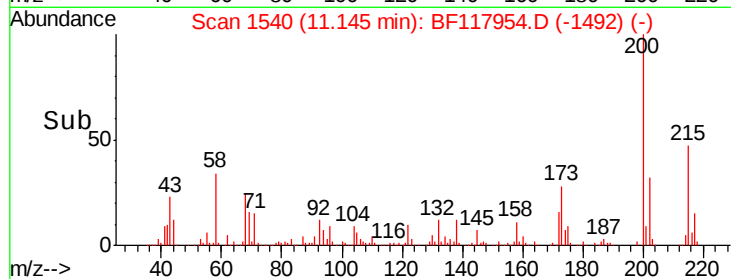
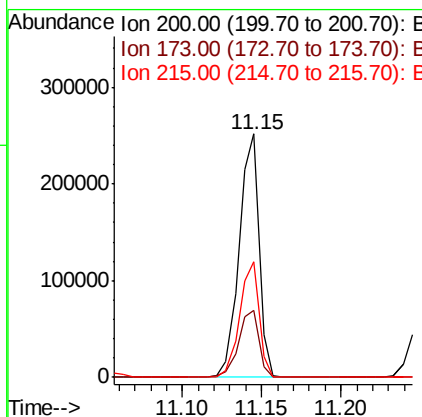
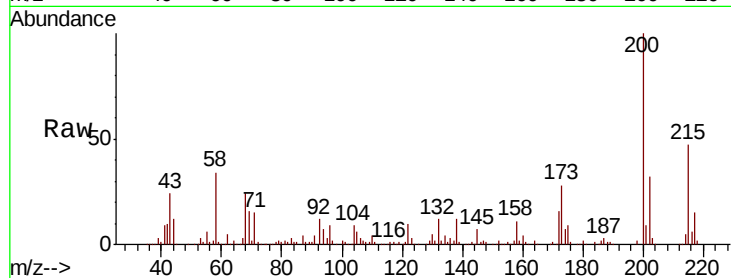




#69
Atrazine
Concen: 34.938 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

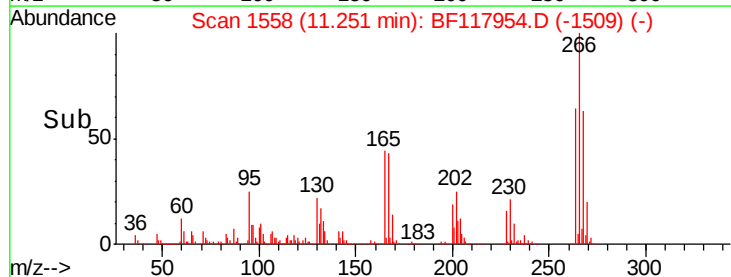
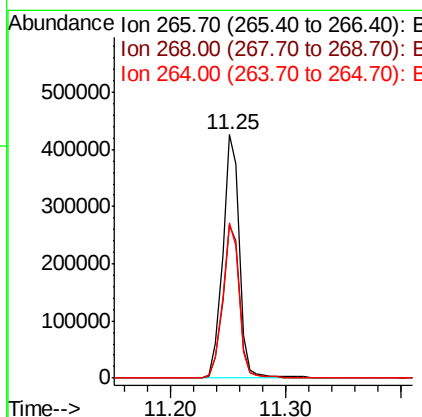
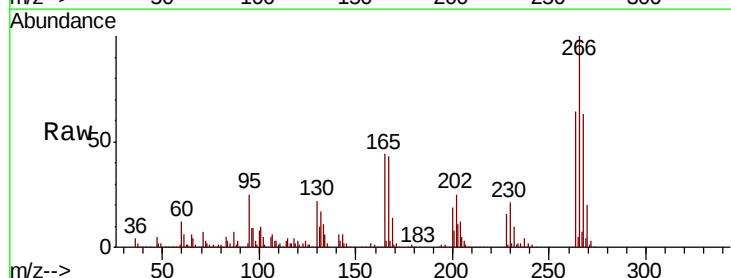
Instrument :
BNA_F
ClientSampleId :

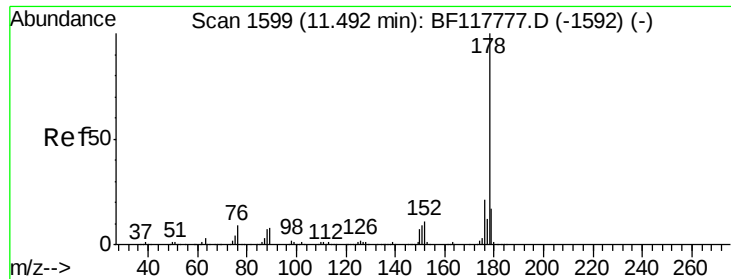
Tot Ion:200 Resp: 218776
Ion Ratio Lower Upper
200 100
173 27.7 6.7 46.7
215 47.4 27.5 67.5



#70
Pentachlorophenol
Concen: 88.719 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:266 Resp: 426541
Ion Ratio Lower Upper
266 100
268 63.0 50.8 76.2
264 64.0 50.7 76.1

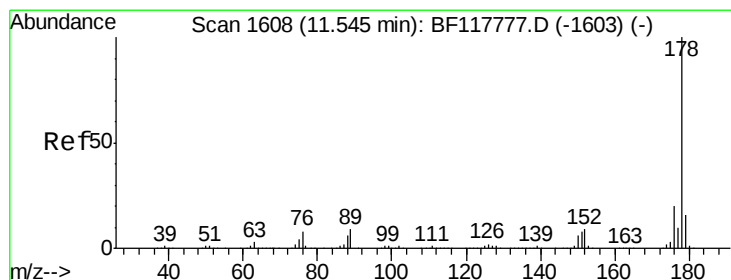
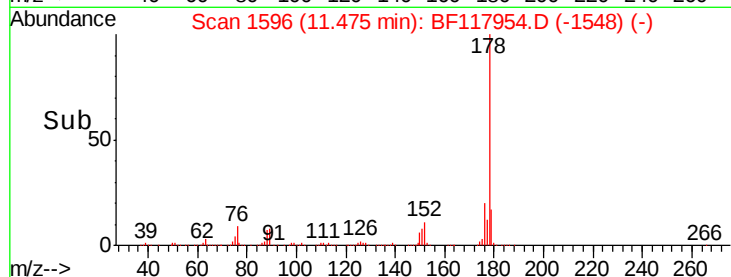
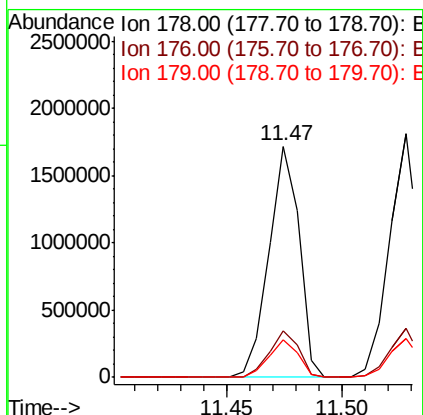
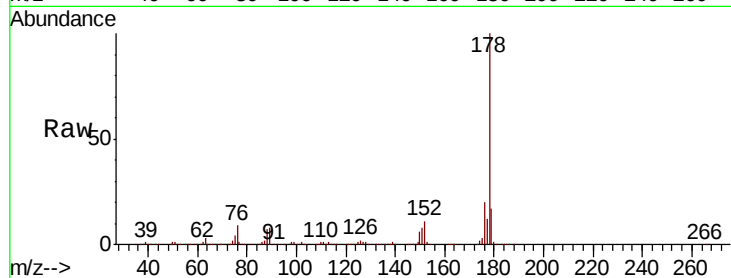




#71
Phenanthrene
Concen: 47.632 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

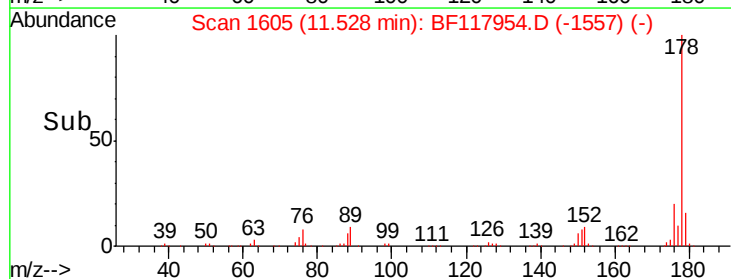
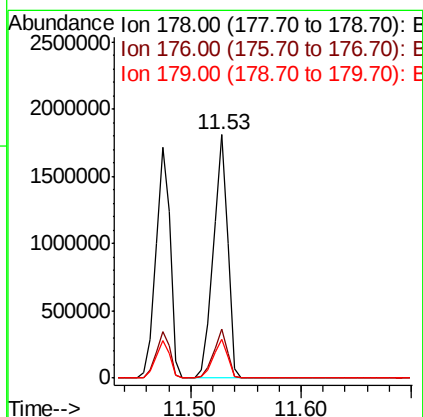
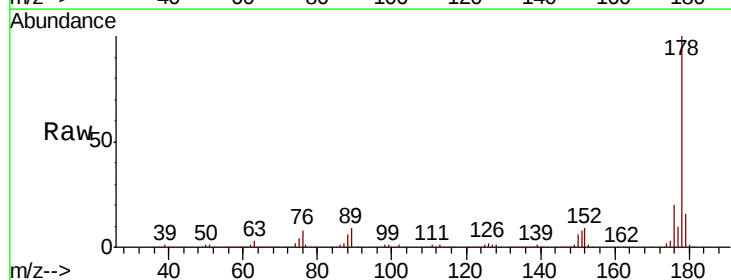
Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1566350
Ion Ratio Lower Upper
178 100
176 20.3 16.6 25.0
179 16.5 13.2 19.8



#72
Anthracene
Concen: 49.200 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:178 Resp: 1604151
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.2 13.0 19.4



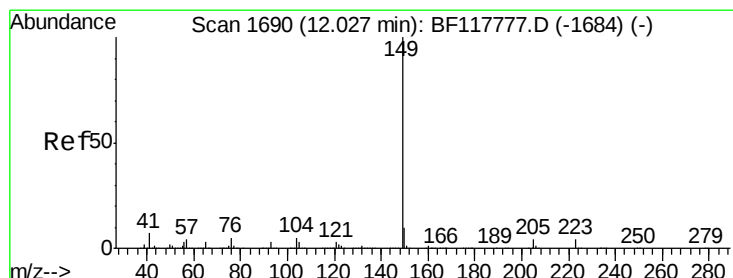
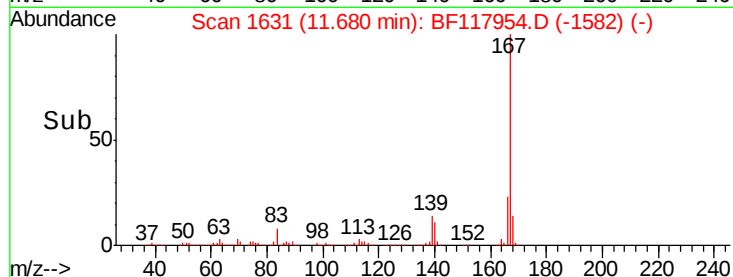
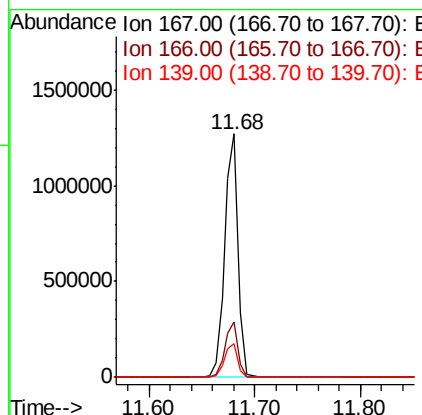
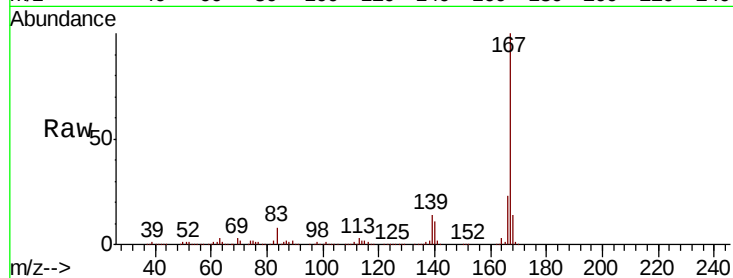


#73
 Carbazole
 Concen: 39.448 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1123949

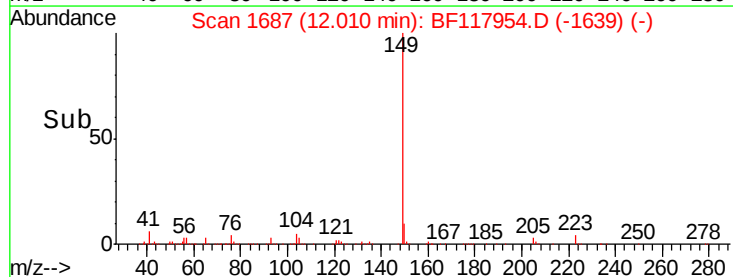
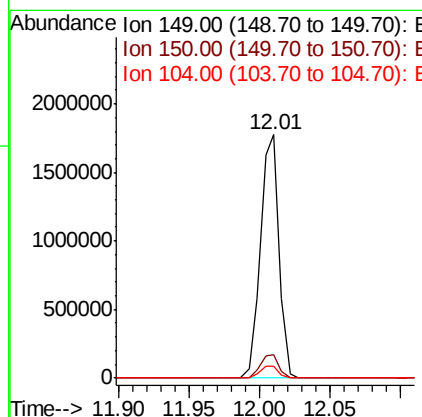
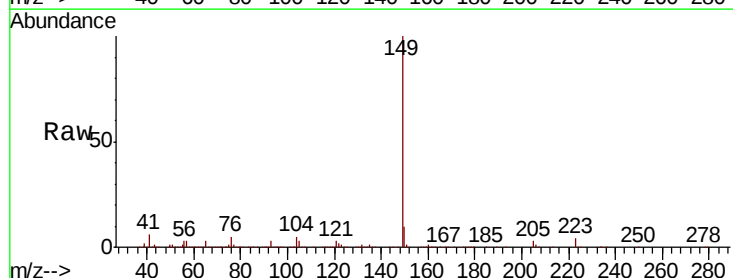
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	13.9	11.7	17.5

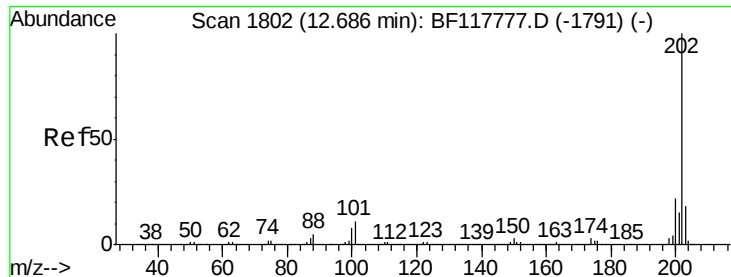


#74
 Di-n-butylphthalate
 Concen: 46.566 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion:149 Resp: 1651887

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.1	4.2	6.4

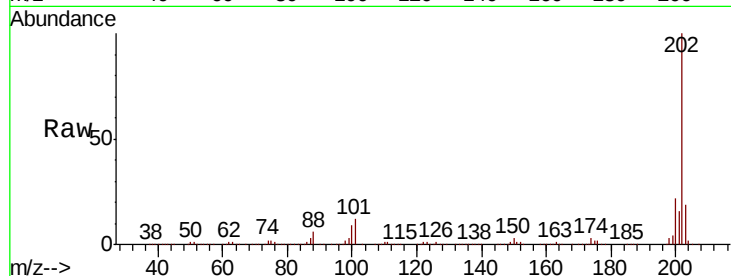




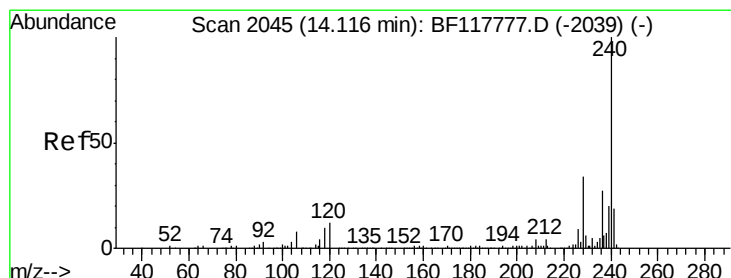
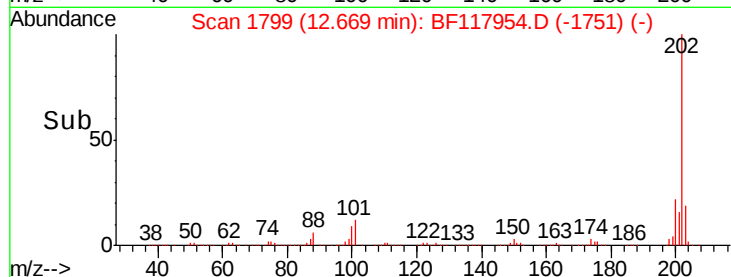
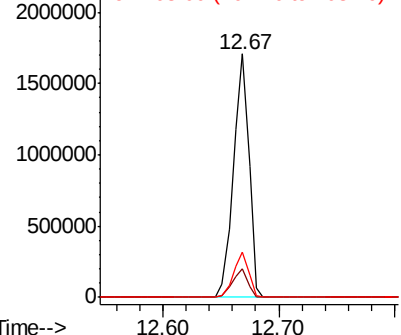
#75
Fluoranthene
Concen: 54.341 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1580504
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.1
203 18.6 0.0 38.2

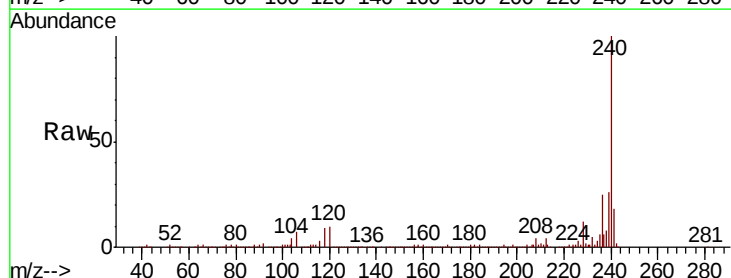


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

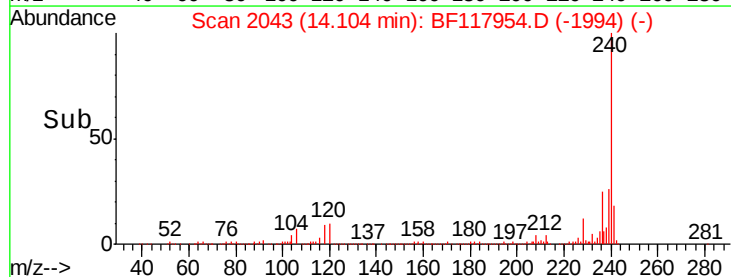
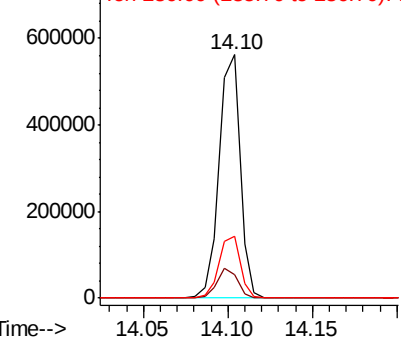


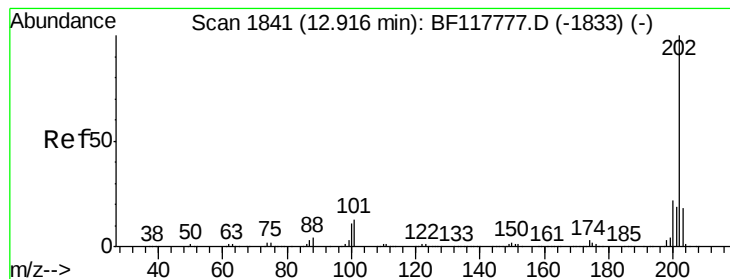
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:240 Resp: 488310
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.4 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





#78

Pvrene

Concen: 40.652 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

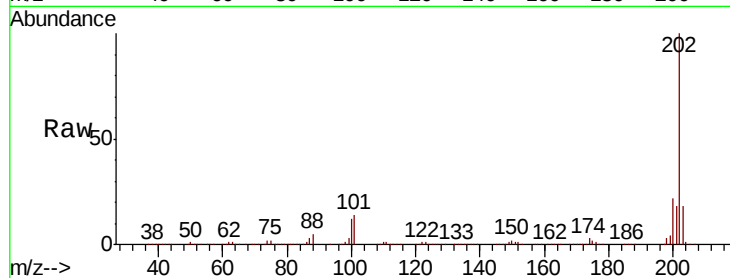
Tot Ion:202 Resp: 1604258

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.8

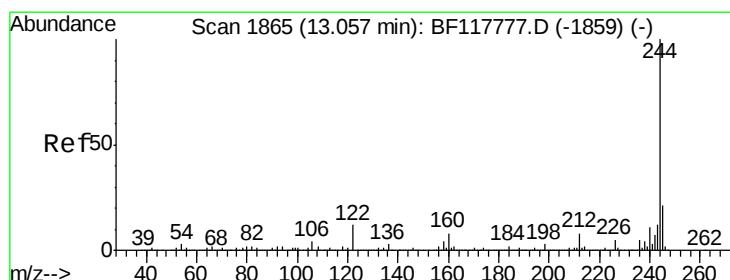
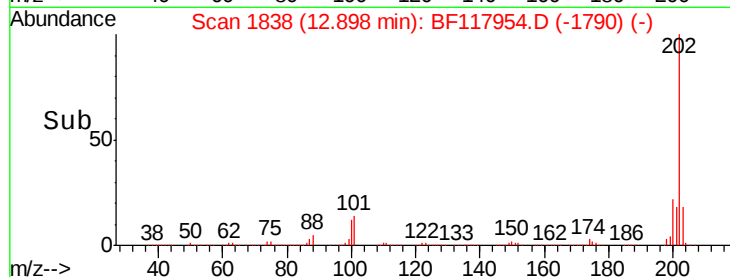
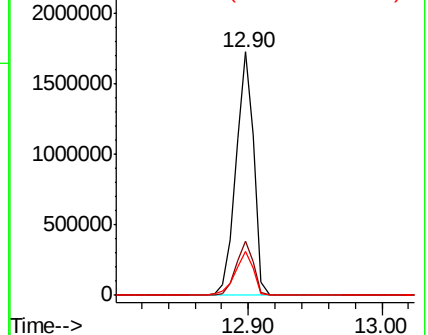
203 18.2 14.6 22.0



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: 82.841 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

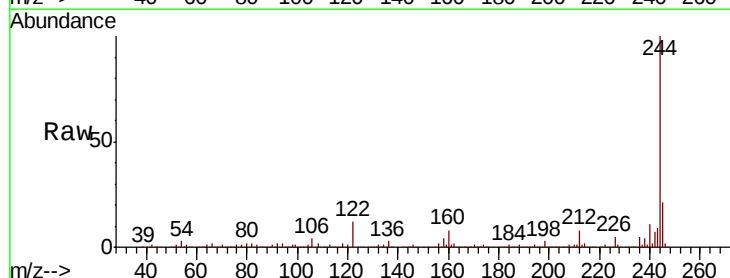
Tgt Ion:244 Resp: 2213378

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

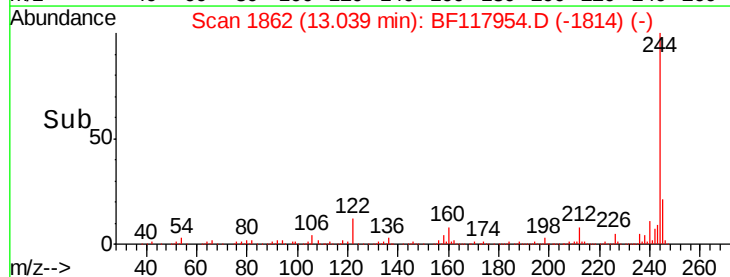
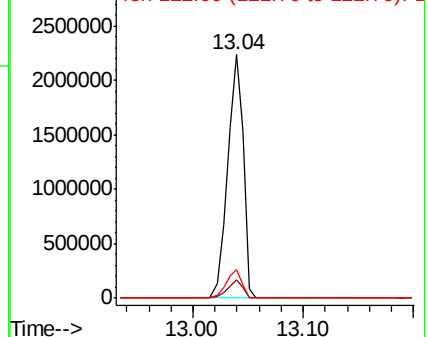
122 11.8 9.4 14.2

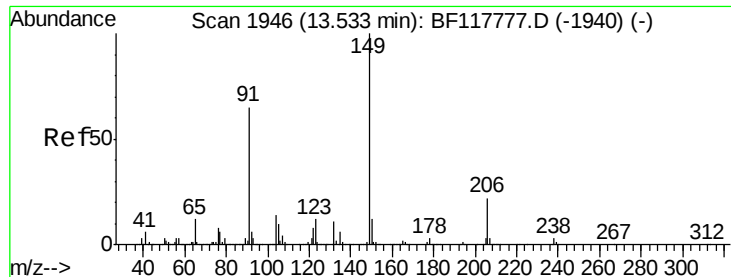


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

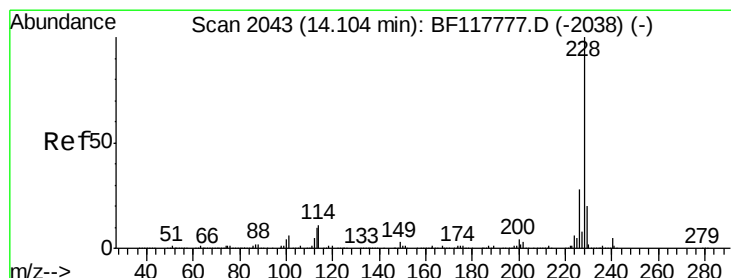
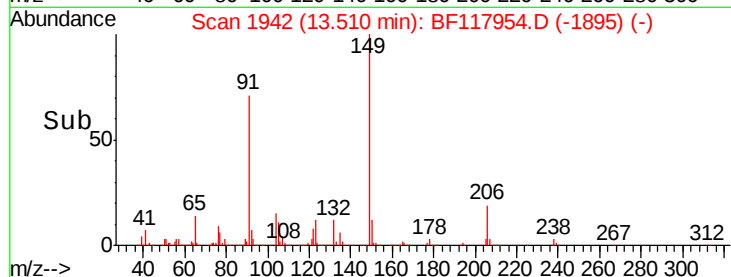
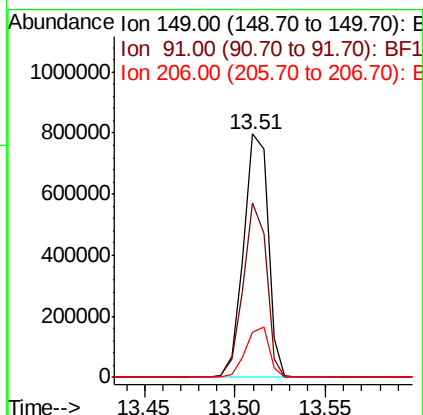
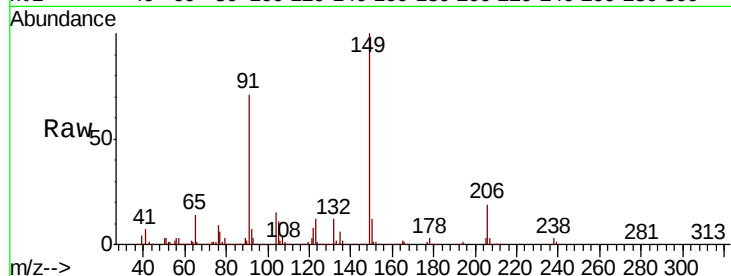




#80
Butylbenzylphthalate
Concen: 44.250 ng
RT: 13.51 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

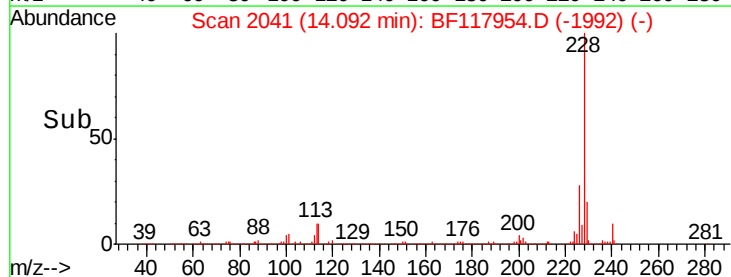
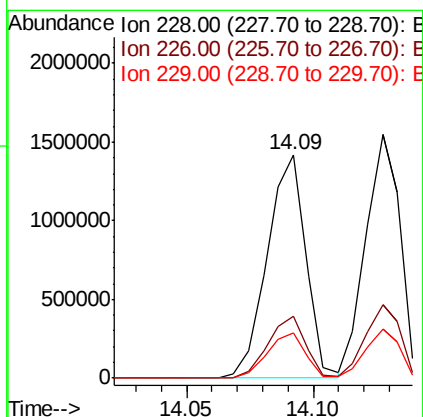
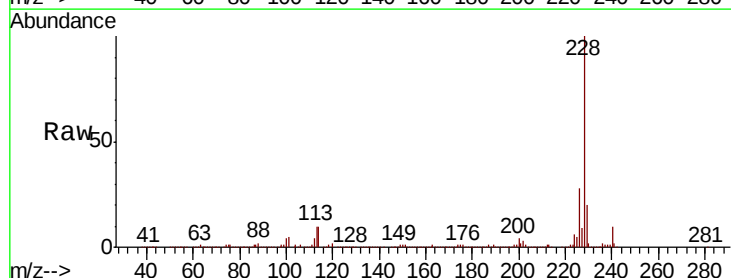
Instrument :
BNA_F
ClientSampleId :

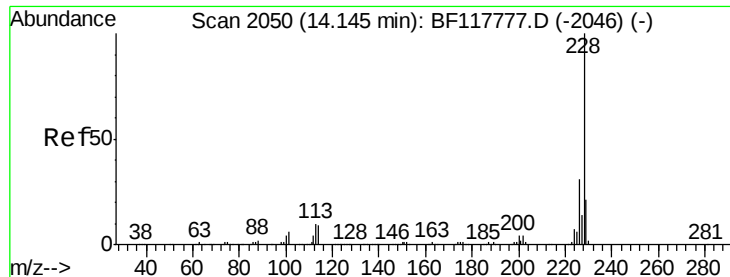
Tot Ion:149 Resp: 750003
Ion Ratio Lower Upper
149 100
91 71.4 51.9 77.9
206 18.6 17.2 25.8



#81
Benzo(a)anthracene
Concen: 46.241 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:228 Resp: 1492100
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 20.3 15.9 23.9





#83

Chrysene

Concen: 46.888 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

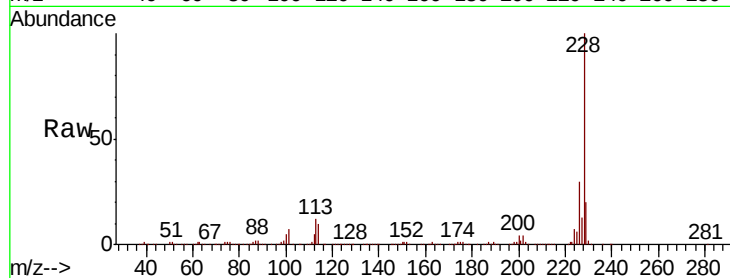
Tot Ion:228 Resp: 1466091

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

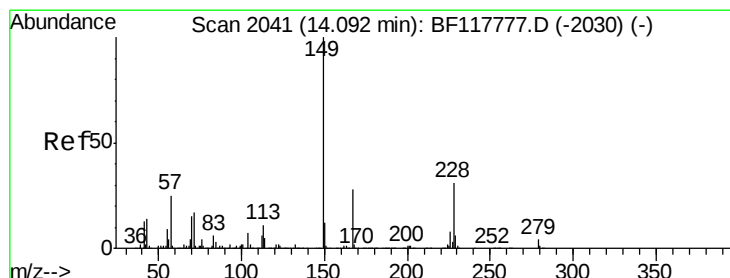
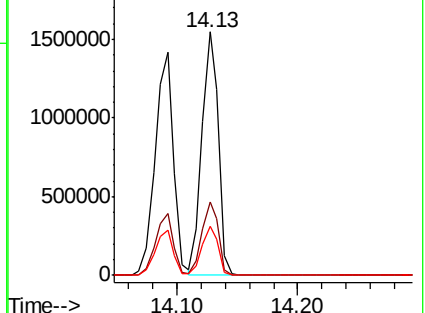
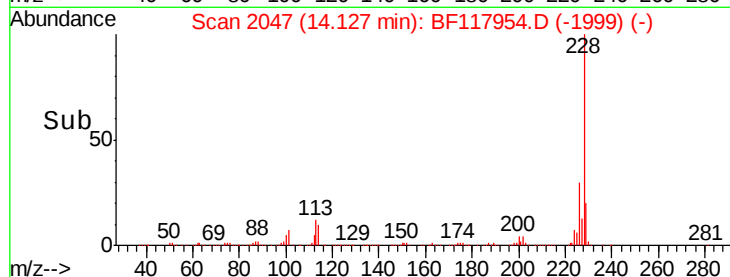
229 20.3 16.6 25.0



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: 47.226 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

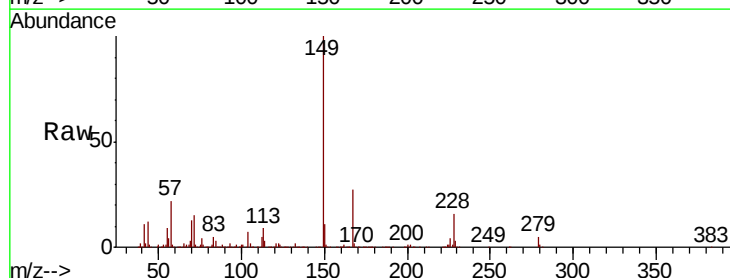
Tgt Ion:149 Resp: 970425

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

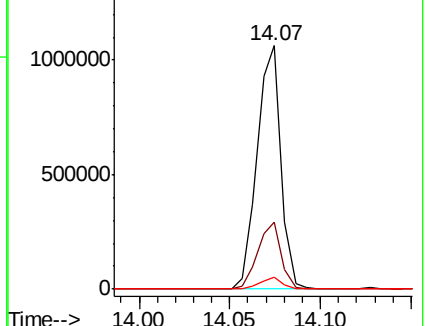
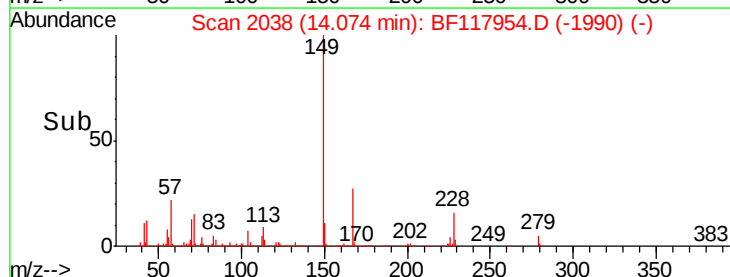
279 4.7 3.4 5.2

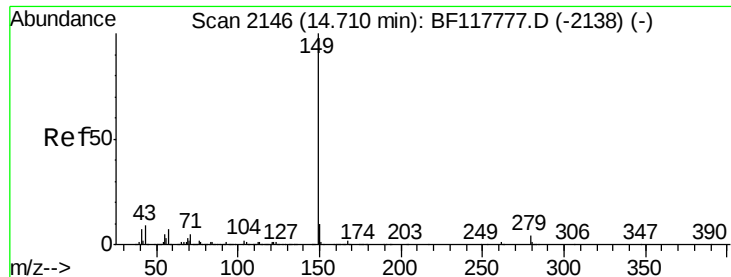


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

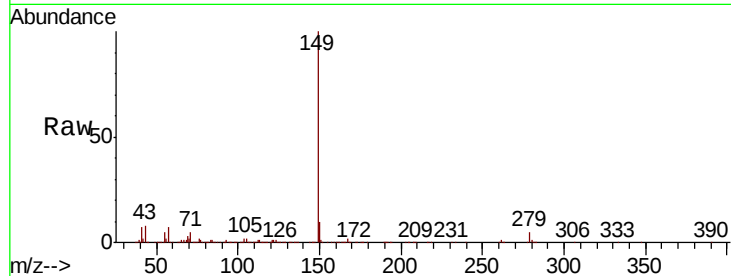




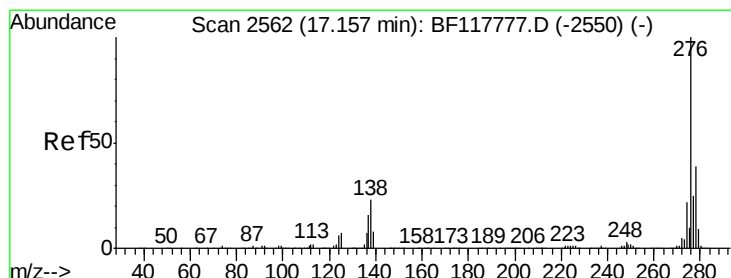
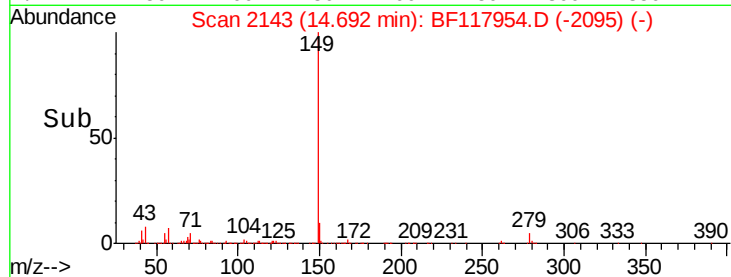
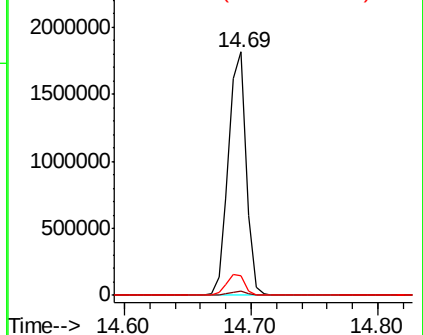
#85
Di-n-octyl phthalate
Concen: 58.308 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1760204
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.6 7.4 11.2

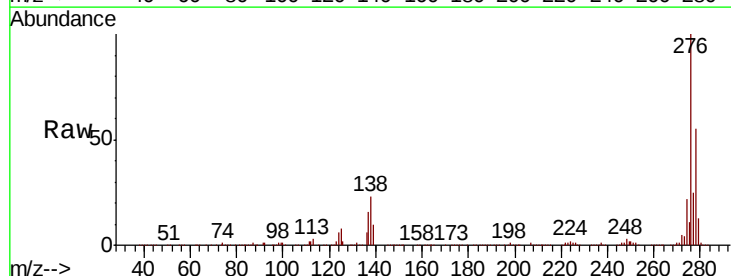


Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

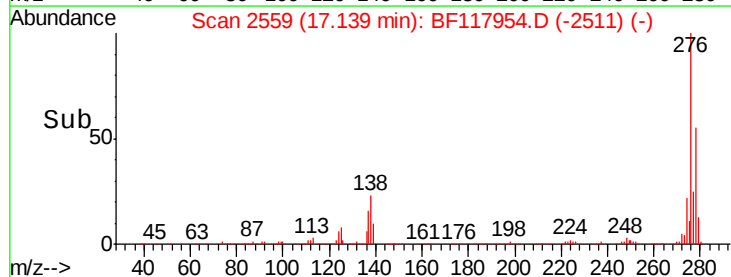
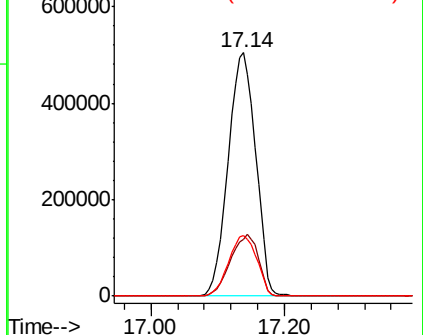


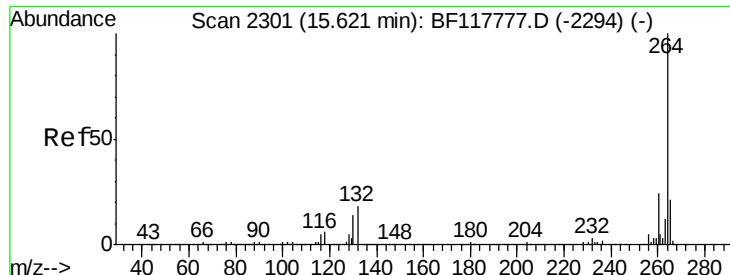
#86
Indeno(1,2,3-cd)pyrene
Concen: 54.955 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:276 Resp: 1462456
Ion Ratio Lower Upper
276 100
138 25.6 20.9 31.3
277 25.6 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
600000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

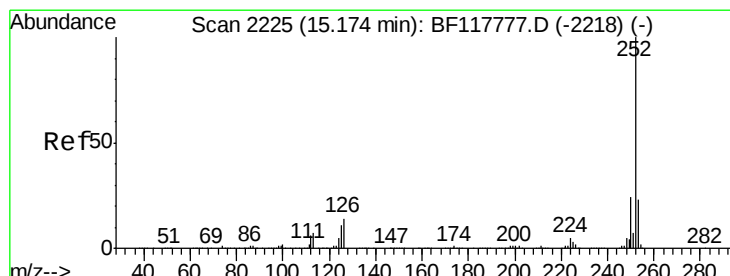
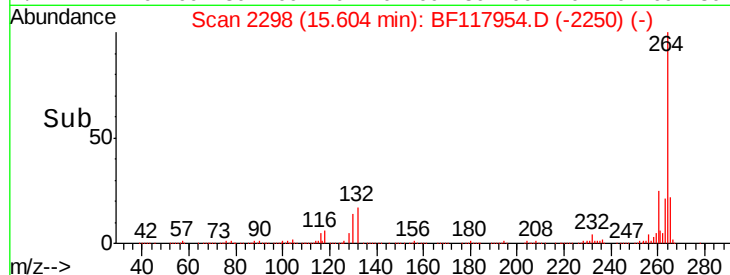
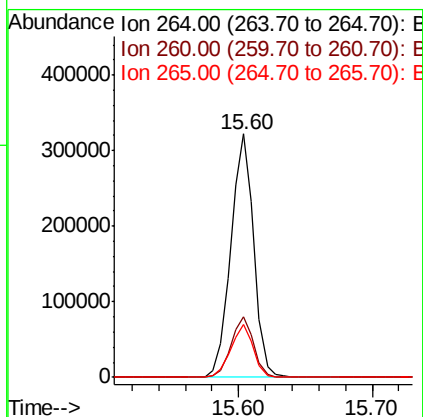
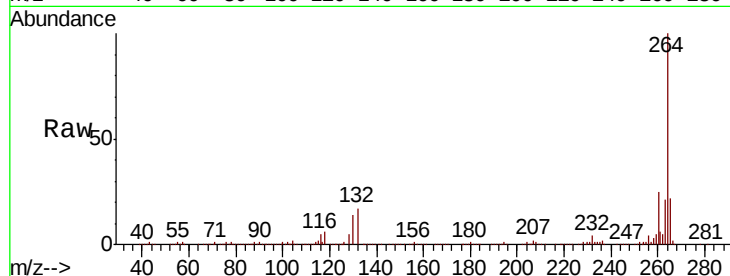




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

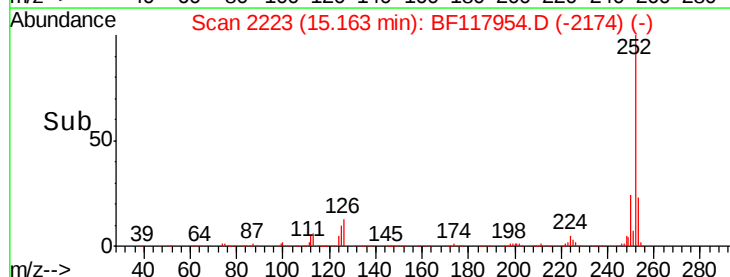
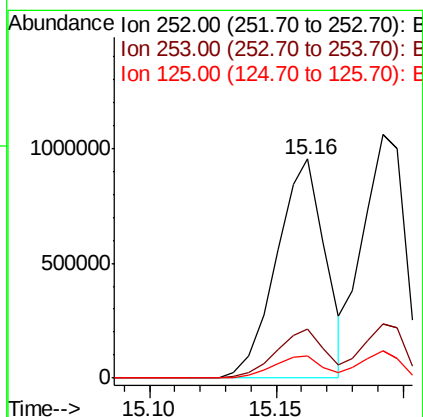
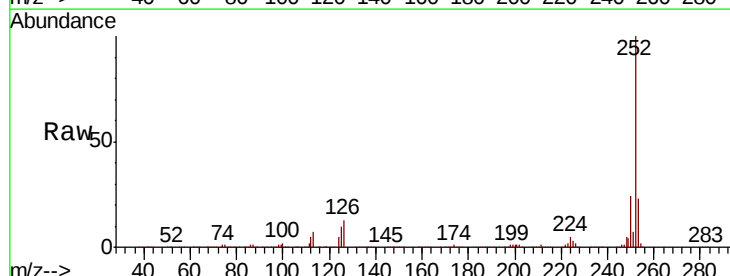
Instrument :
BNA_F
ClientSampleId :

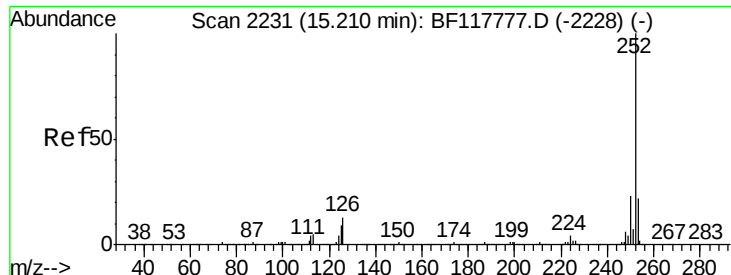
Tot Ion:264 Resp: 385415
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.0
265 21.8 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 50.905 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:252 Resp: 1274685
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.1 8.6 13.0

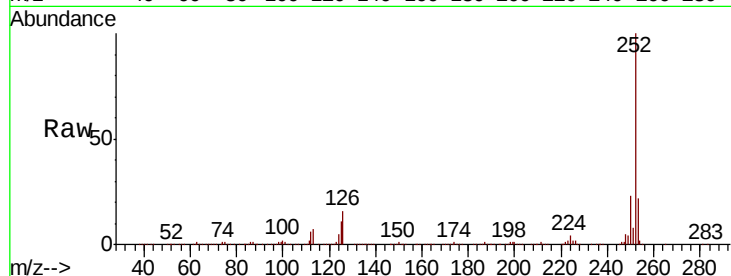




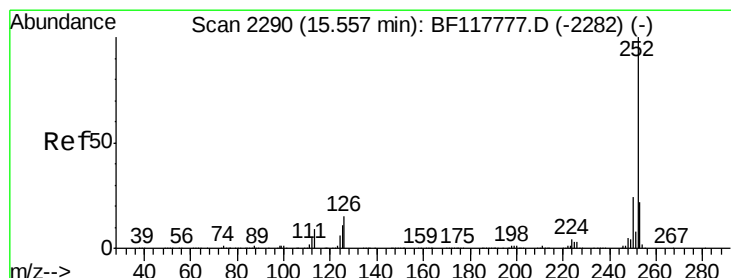
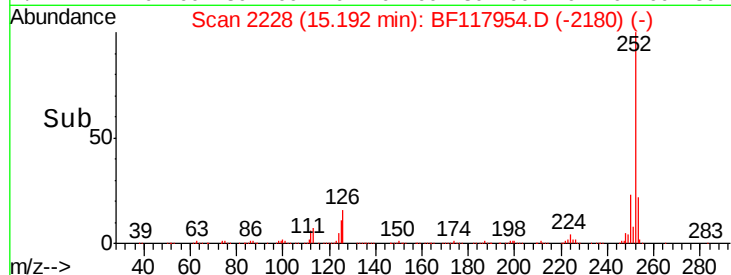
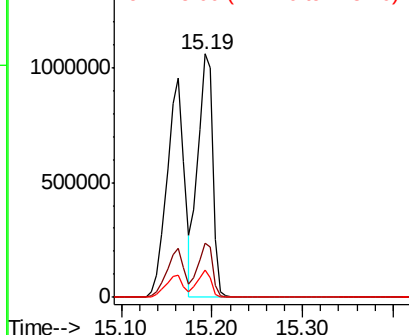
#89
Benzo(k)fluoranthene
Concen: 51.924 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1225094
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.2 7.9 11.9

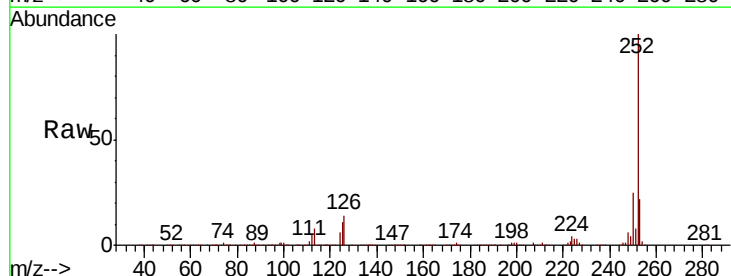


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

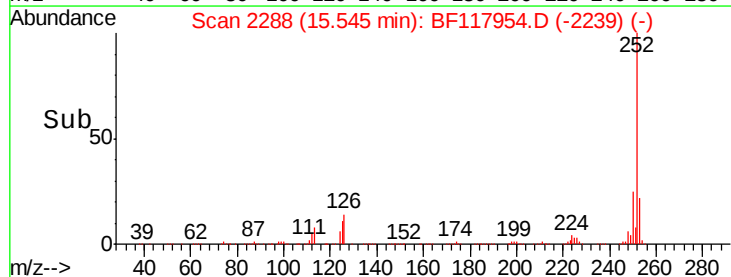
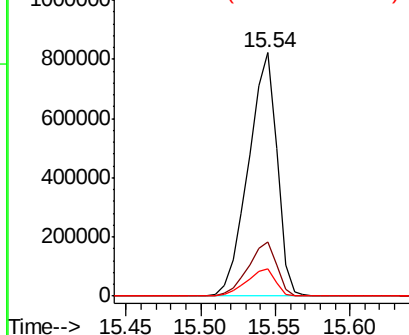


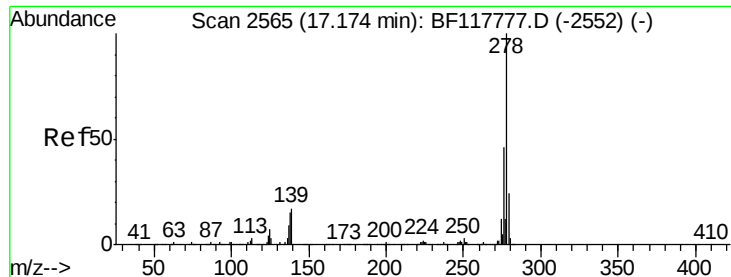
#90
Benzo(a)pyrene
Concen: 49.496 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:252 Resp: 1089869
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.0 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: 66.125 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

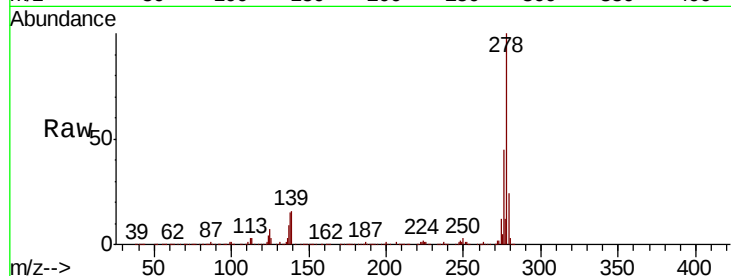
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1253231

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.8	20.8
279	23.8	19.6	29.4

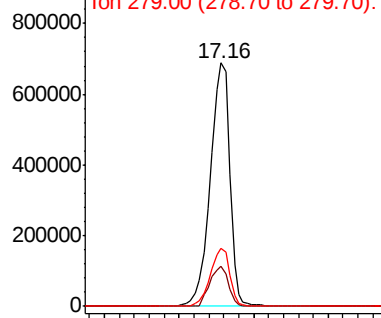


Abundance

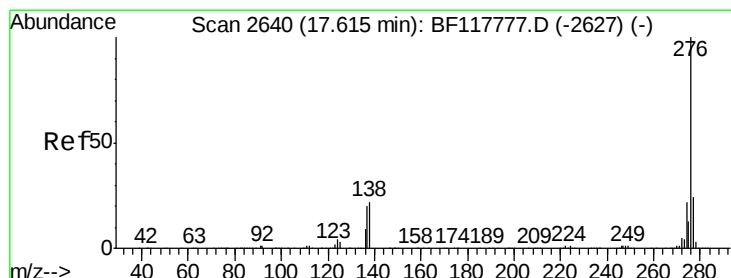
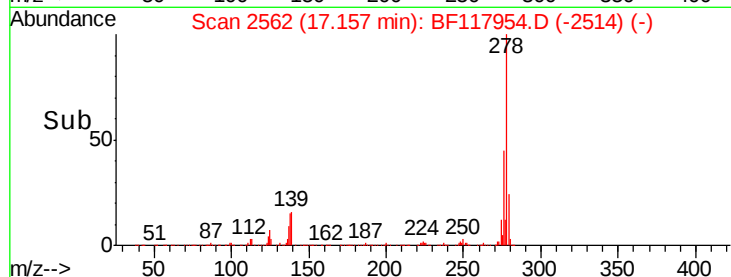
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 17.00 17.10 17.20 17.30



#92

Benzo(g,h,i)perylene

Concen: 53.983 ng

RT: 17.60 min Scan# 2637

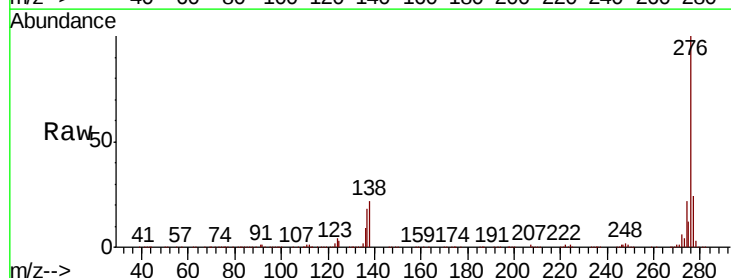
Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Tgt Ion:276 Resp: 1019031

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	21.6	17.4	26.2

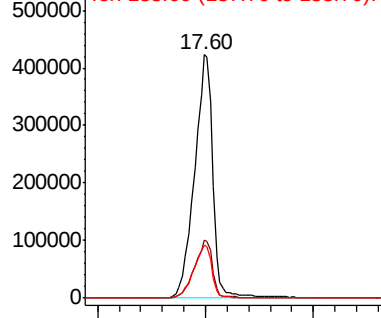


Abundance

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



Time--> 17.40 17.60 17.80

