

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117545.D
 Acq On : 25 Oct 2019 19:20
 Operator : JU
 Sample : K5502-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 177-44-(0-2.5)

Quant Time: Oct 26 00:13:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	40071	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	152468	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	66706	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	88473	20.00	ng	0.00
76) Chrysene-d12	13.91	240	64262	20.00	ng	0.01
87) Perylene-d12	15.34	264	48217	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	249040	92.46	ng	0.00
7) Phenol-d6	6.39	99	340346	94.08	ng	0.00
23) Nitrobenzene-d5	7.30	82	215976	69.93	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	46045	79.78	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	341087	72.05	ng	0.00
79) Terphenyl-d14	12.84	244	228822	58.08	ng	0.00

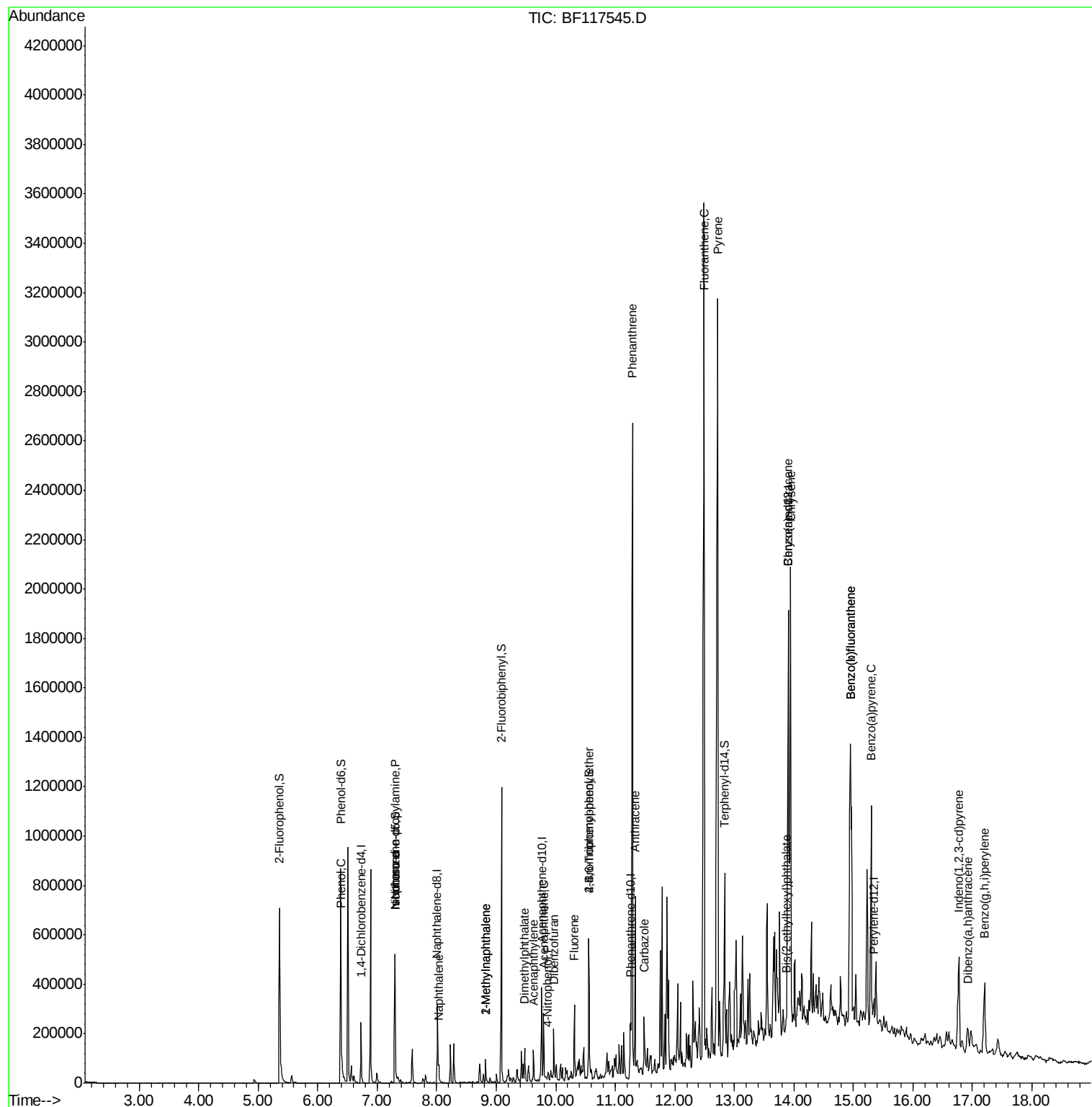
Target Compounds				Qvalue		
9) Benzaldehyde	6.39	77	398	Below Cal	#	3
10) Phenol	6.40	94	7702	2.086	ng	87
19) n-Nitroso-di-n-propylamine	7.30	70	28563	12.928	ng	# 76
25) Isophorone	7.30	82	215975	40.424	ng	# 65
31) Naphthalene	8.03	128	31139	4.120	ng	99
37) 2-Methylnaphthalene	8.82	142	21079	4.139	ng	95
38) 1-Methylnaphthalene	8.82	142	21079	4.405	ng	# 99
49) Acenaphthylene	9.63	152	47186	7.715	ng	98
50) Dimethylphthalate	9.48	163	46480	9.774	ng	99
52) Acenaphthene	9.80	154	60403	16.098	ng	98
55) Dibenzofuran	9.97	168	60182	11.070	ng	# 97
56) 4-Nitrophenol	9.87	139	940	5.739	ng	# 6
58) Fluorene	10.31	166	84449	18.785	ng	99
67) 4-Bromophenyl-phenylether	10.56	248	3052	3.203	ng	# 1
71) Phenanthrene	11.29	178	1230091	239.443	ng	98
72) Anthracene	11.33	178	250960	47.610	ng	99
73) Carbazole	11.49	167	91474	18.989	ng	97
75) Fluoranthene	12.49	202	1866339	362.901	ng	96
77) Benzdine	12.59	184	235	Below Cal	#	67
78) Pvrene	12.72	202	1630250	295.348	ng	99
81) Benzo(a)anthracene	13.90	228	822749	189.804	ng	97
83) Chrysene	13.94	228	692830	163.084	ng	96
84) Bis(2-ethylhexyl)phthalate	13.87	149	9719	2.526	ng	97
86) Indeno(1,2,3-cd)pyrene	16.77	276	233398	73.585	ng	96
88) Benzo(b)fluoranthene	14.94	252	896801	314.968	ng	98
89) Benzo(k)fluoranthene	14.94	252	896801	307.305	ng	# 97
90) Benzo(a)pyrene	15.30	252	414882	160.263	ng	# 93
91) Dibenzo(a,h)anthracene	16.92	278	51759	23.123	ng	98
92) Benzo(g,h,i)perylene	17.20	276	212756	100.454	ng	97

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

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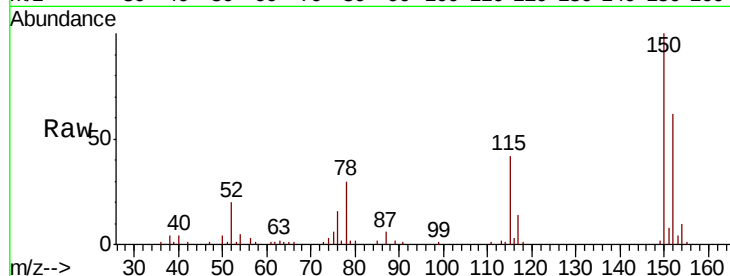


#1

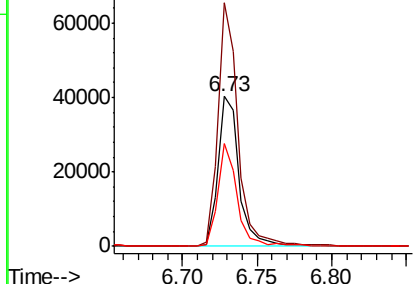
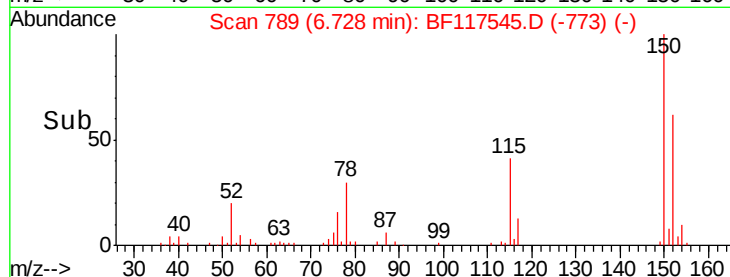
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Instrument :
BNA_F
ClientSampleId :
177-44-(0-2.5)

Tot Ion:152 Resp: 40071
Ion Ratio Lower Upper
152 100
150 162.2 126.8 190.2
115 68.4 51.6 77.4



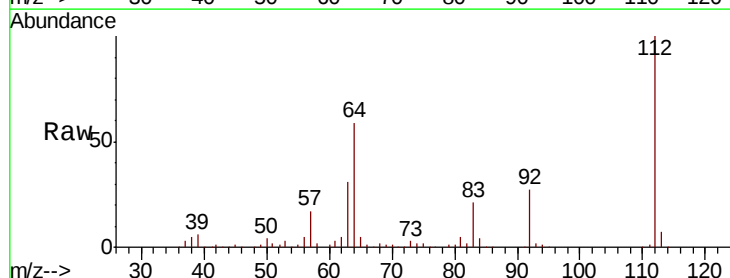
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



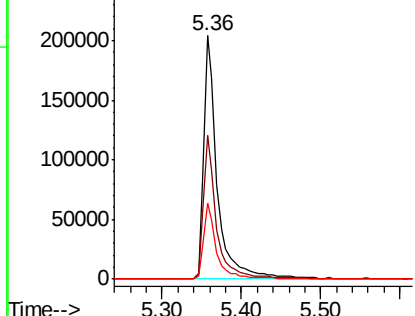
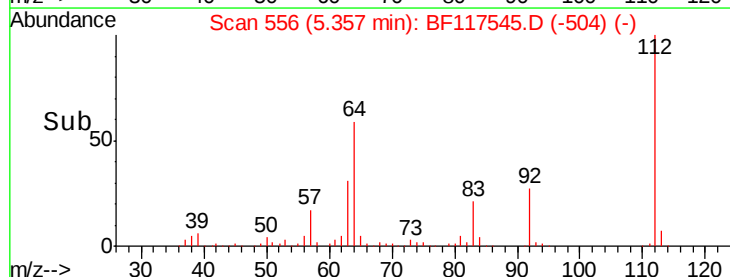
#5

2-Fluorophenol
Concen: 92.460 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Tgt Ion:112 Resp: 249040
Ion Ratio Lower Upper
112 100
64 59.1 44.1 66.1
63 31.1 23.4 35.2



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





#7

Phenol-d6

Concen: 94.079 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

177-44-(0-2.5)

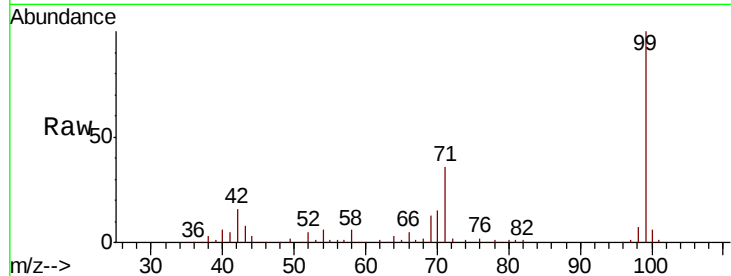
Tot Ion: 99 Resp: 340346

Ion Ratio Lower Upper

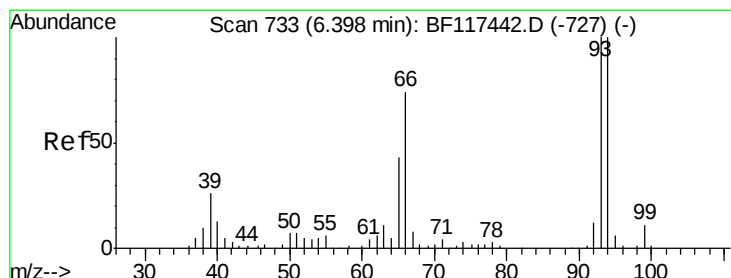
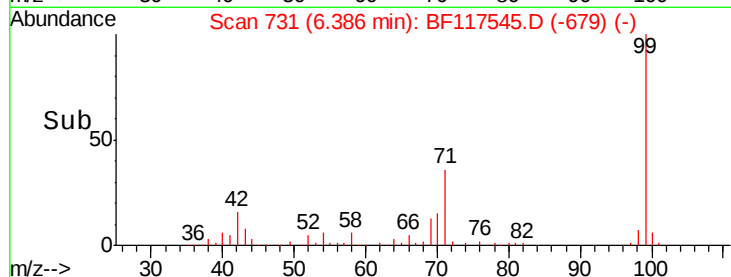
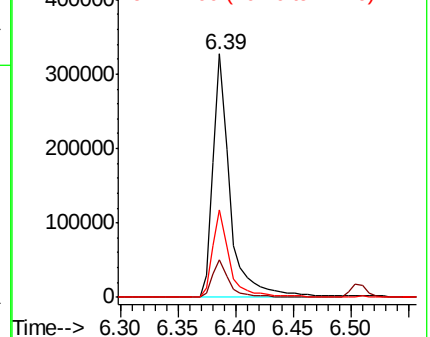
99 100

42 15.6 12.8 19.2

71 35.8 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



#10

Phenol

Concen: 2.086 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

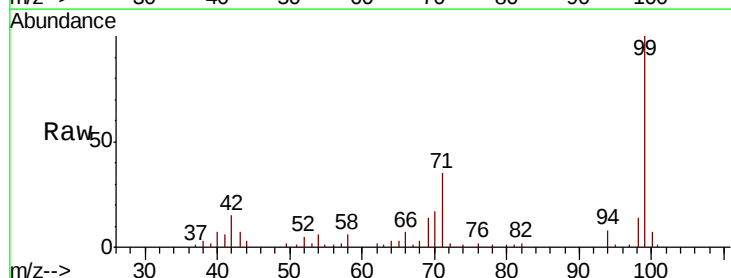
Tgt Ion: 94 Resp: 7702

Ion Ratio Lower Upper

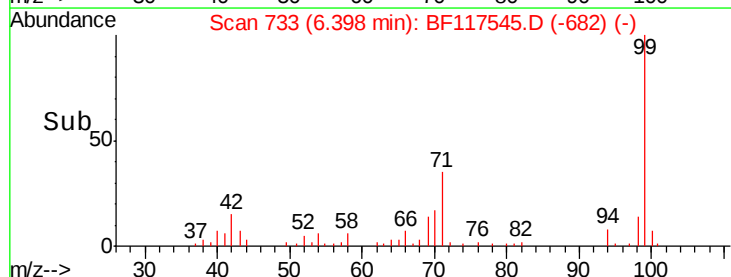
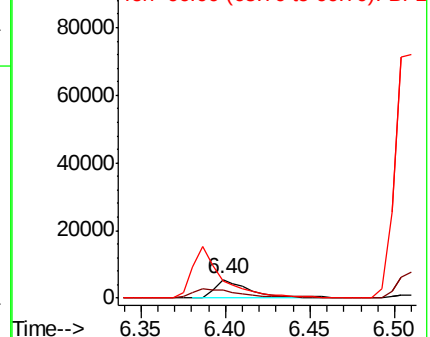
94 100

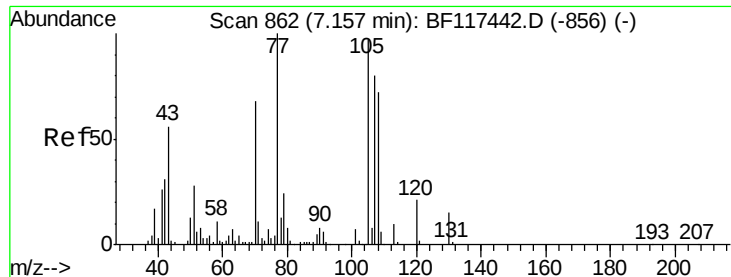
65 42.4 23.4 63.4

66 91.4 54.7 94.7



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

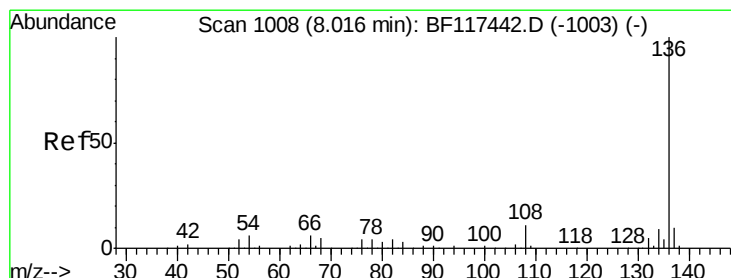
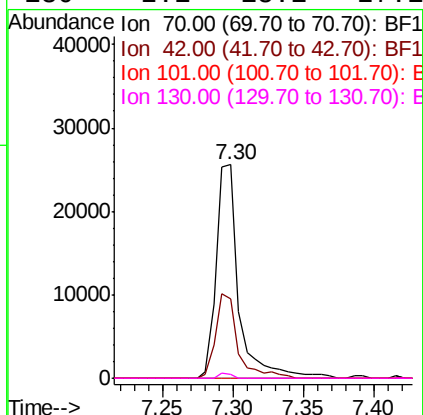
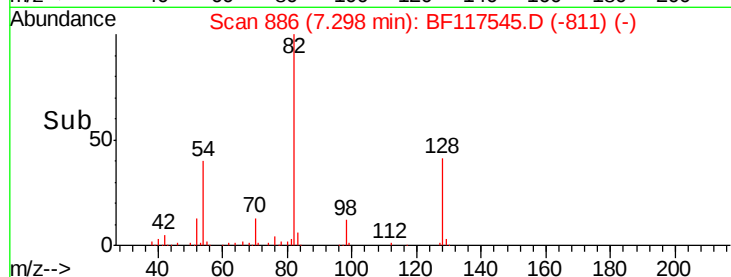
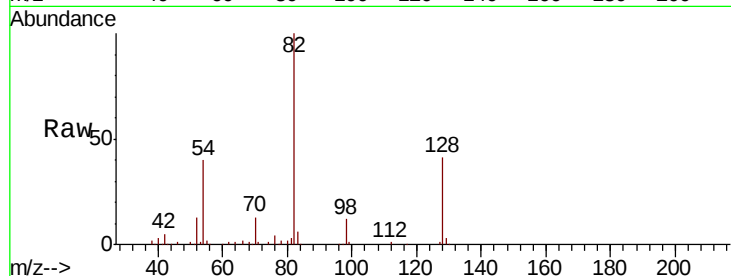




#19
n-Nitroso-di-n-propylamine
Concen: 12.928 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

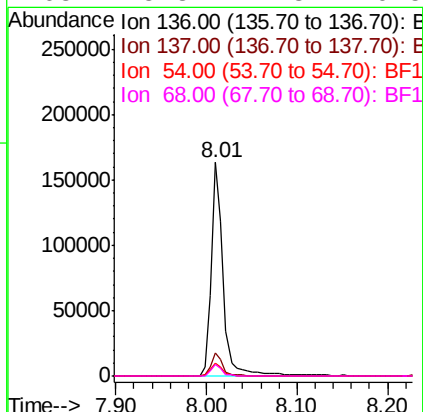
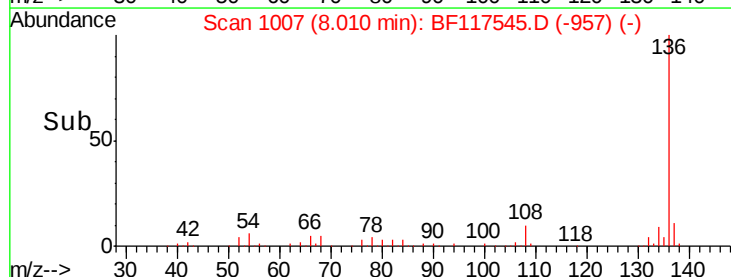
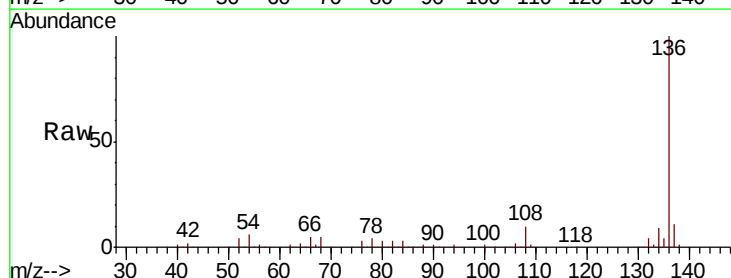
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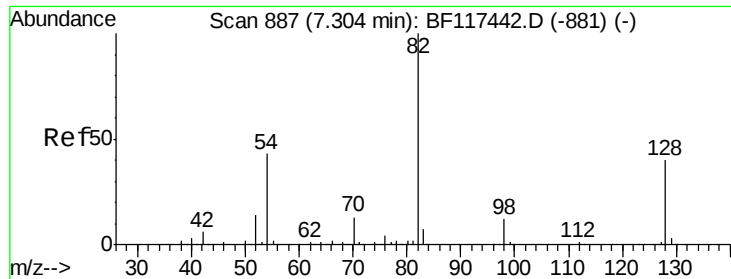
Tot Ion: 70 Resp: 28563
Ion Ratio Lower Upper
70 100
42 36.9 36.7 55.1
101 0.0 8.3 12.5#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Tgt Ion:136 Resp: 152468
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 6.3 4.5 6.7
68 5.3 4.3 6.5

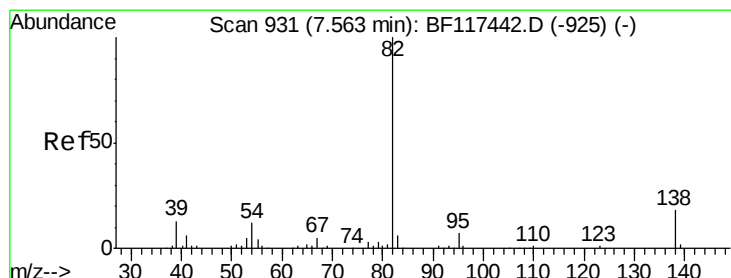
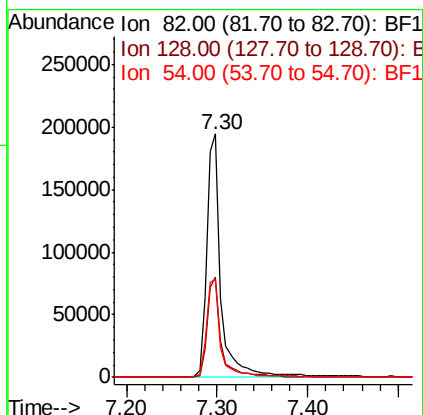
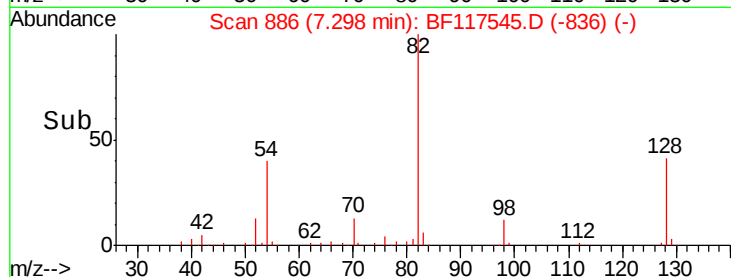
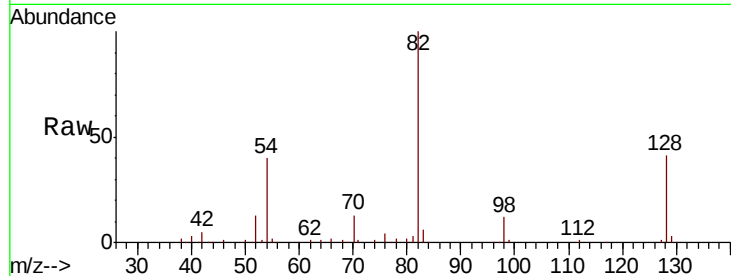




#23
Nitrobenzene-d5
Concen: 69.931 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

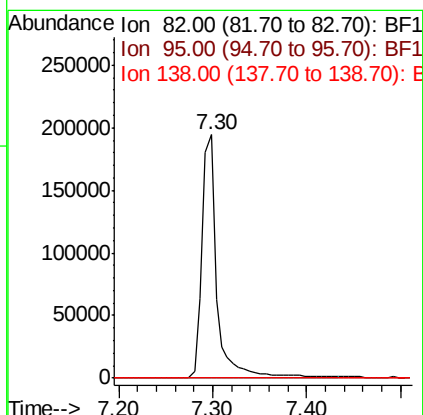
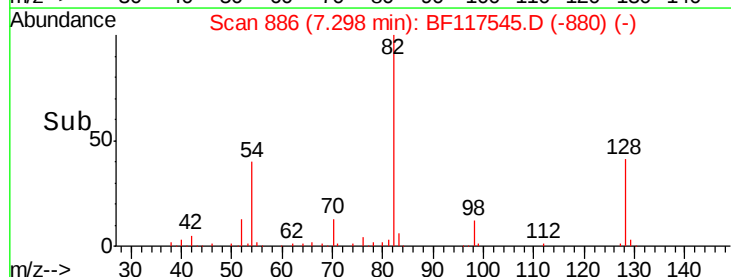
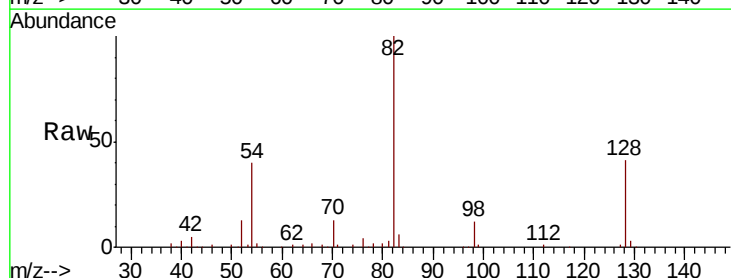
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ClientSampleId :
177-44-(0-2.5)

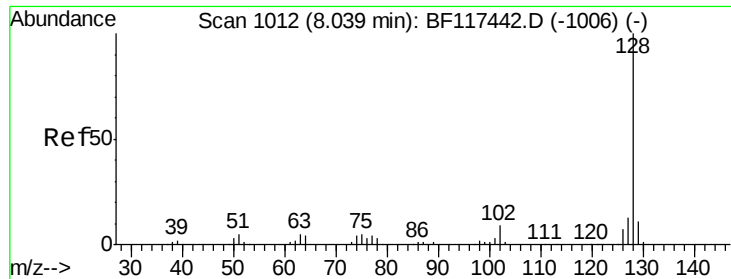
Tot Ion	82	Resp	215976
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.2	48.2
54	40.3	34.2	51.2



#25
Isophorone
Concen: 40.424 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Tgt Ion	82	Resp	215975
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

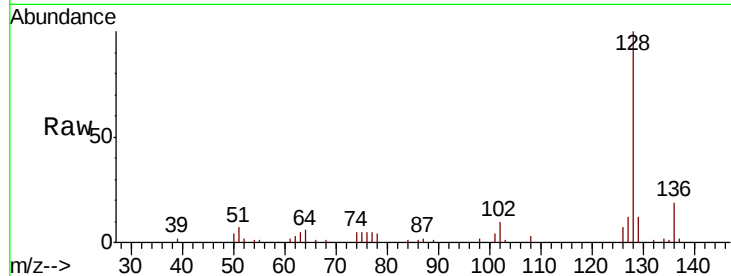




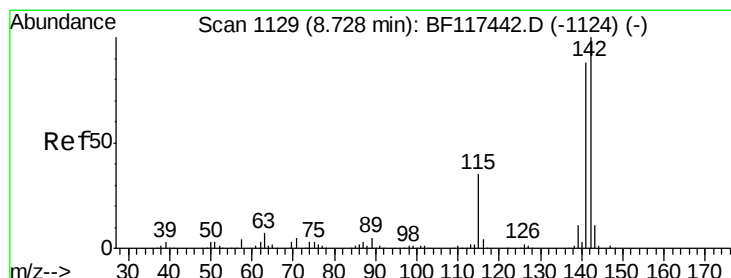
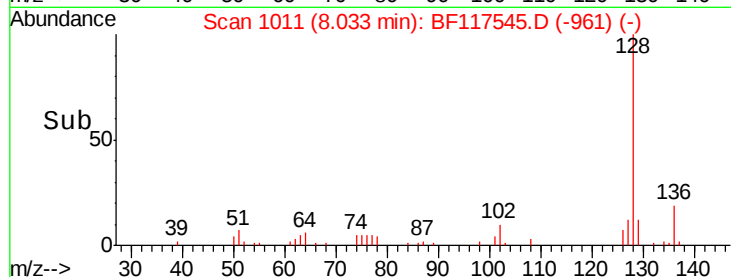
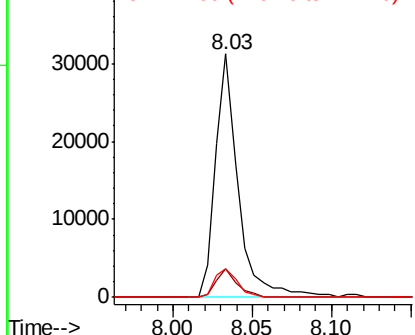
#31
Naphthalene
Concen: 4.120 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Instrument :
BNA_F
ClientSampleId :
177-44-(0-2.5)

Tot Ion:128 Resp: 31139
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 11.9 10.2 15.2

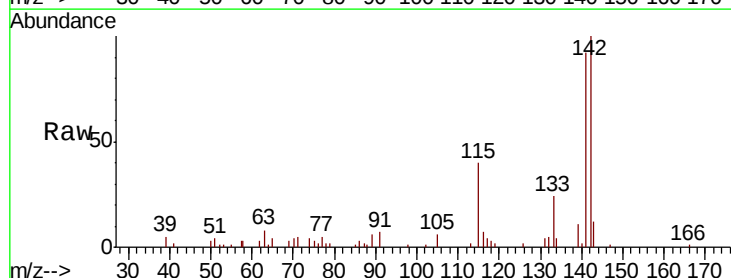


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

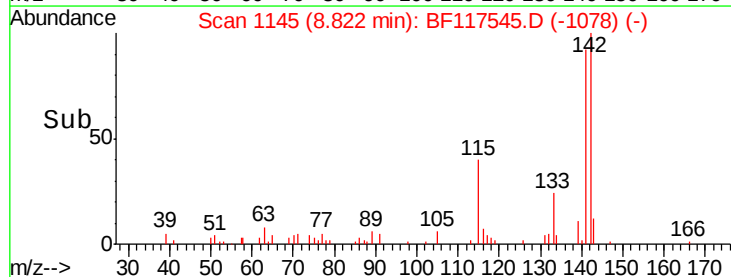
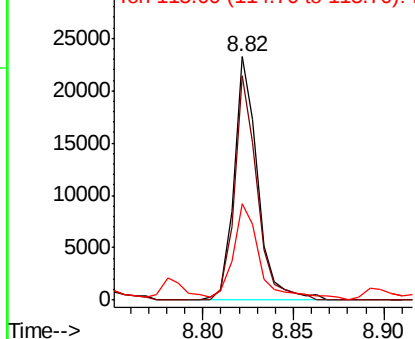


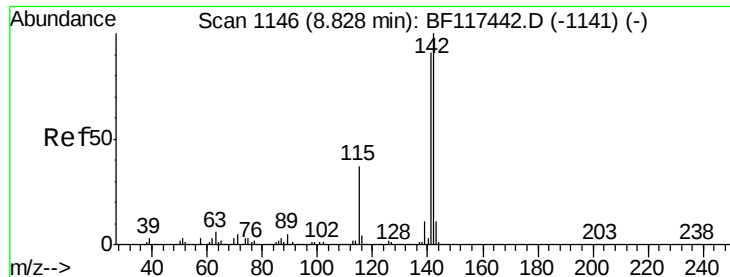
#37
2-Methylnaphthalene
Concen: 4.139 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.09 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Tgt Ion:142 Resp: 21079
Ion Ratio Lower Upper
142 100
141 92.1 70.3 105.5
115 39.6 28.2 42.2



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

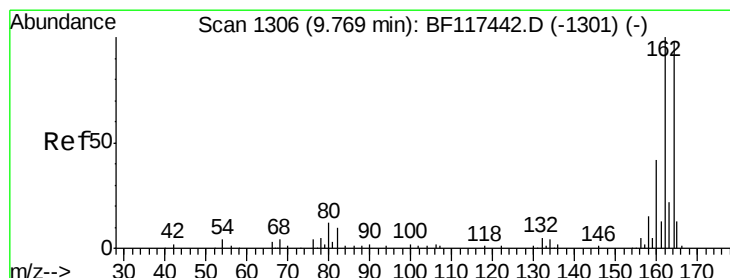
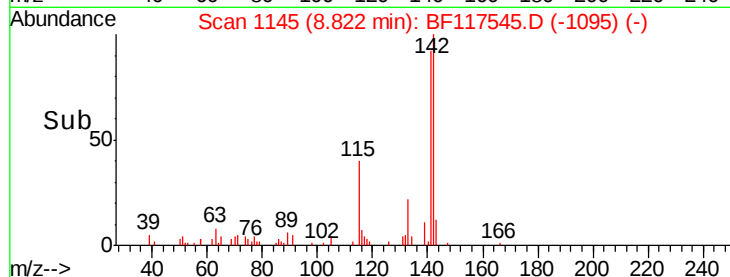
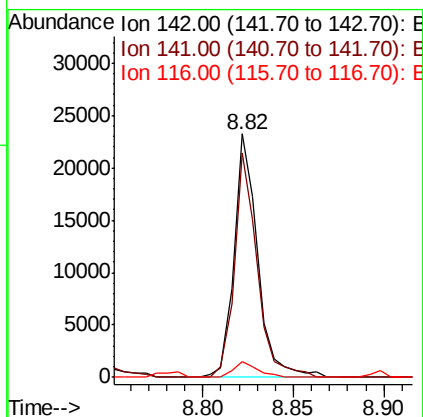
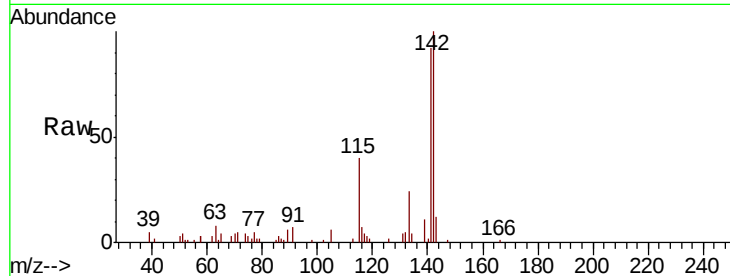




#38
1-Methylnaphthalene
Concen: 4.405 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

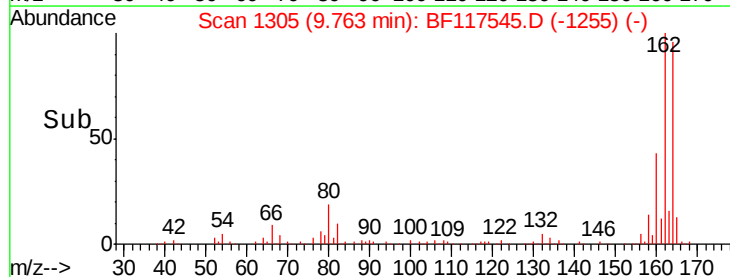
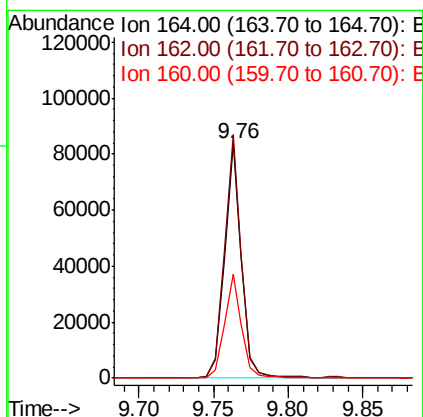
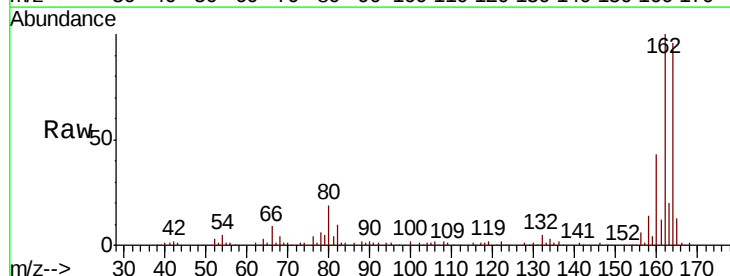
Instrument :
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177-44-(0-2.5)

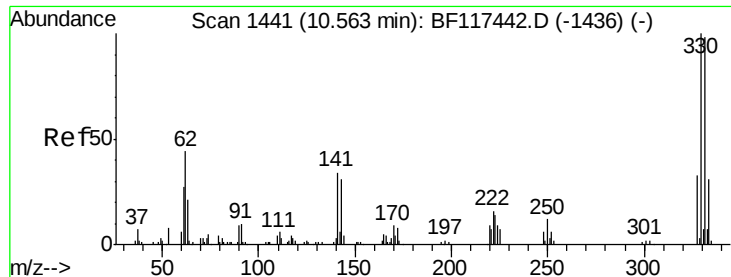
Tot Ion:142 Resp: 21079
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9
116 6.7 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Tgt Ion:164 Resp: 66706
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 44.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 79.776 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

177-44-(0-2.5)

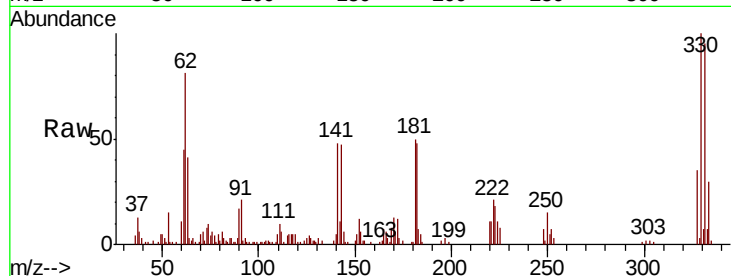
Tot Ion:330 Resp: 46045

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

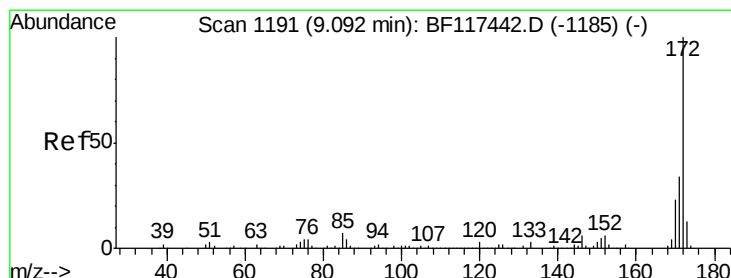
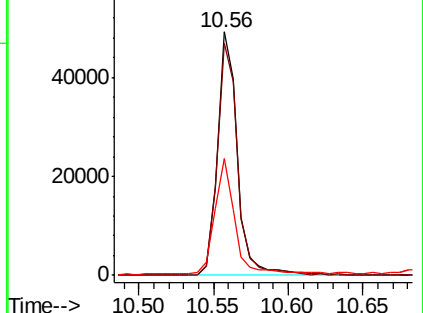
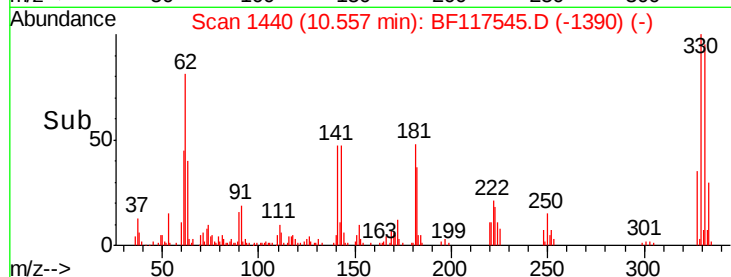
141 45.7 37.0 55.6



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



#45

2-Fluorobiphenyl

Concen: 72.046 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

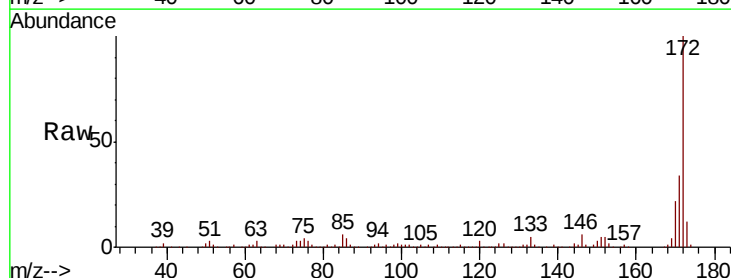
Tgt Ion:172 Resp: 341087

Ion Ratio Lower Upper

172 100

171 34.2 27.5 41.3

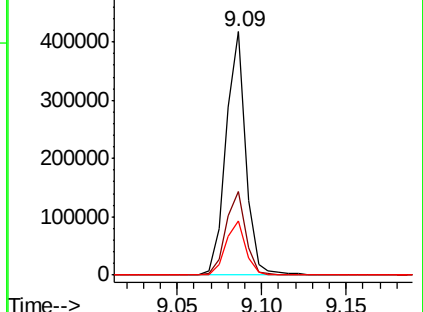
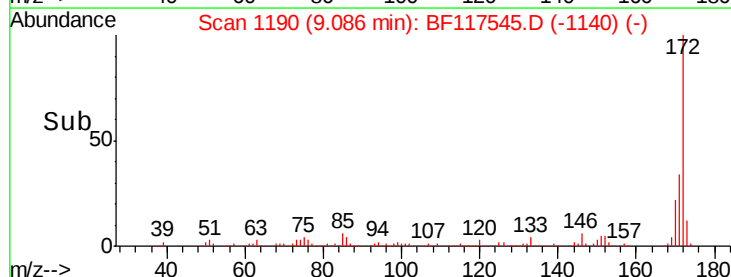
170 22.3 18.6 27.8

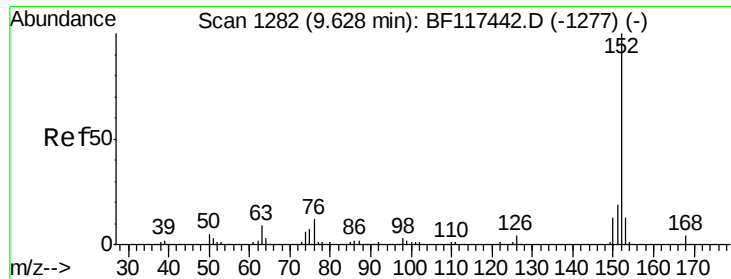


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 7.715 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

177-44-(0-2.5)

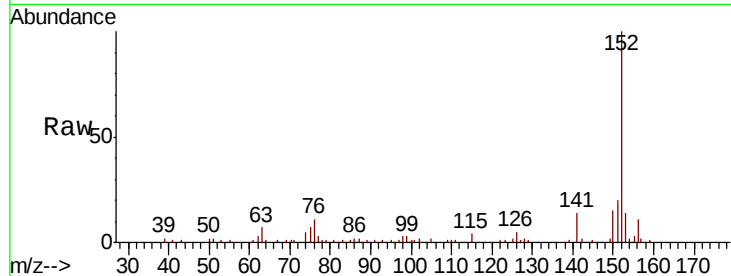
Tot Ion:152 Resp: 47186

Ion Ratio Lower Upper

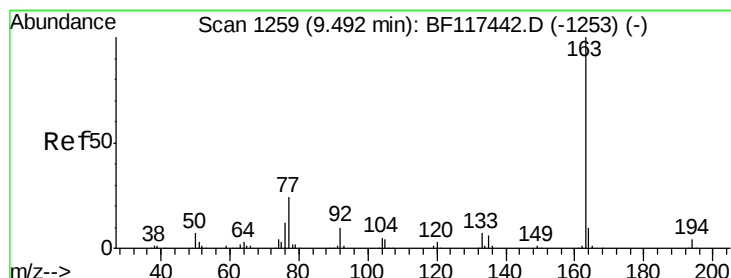
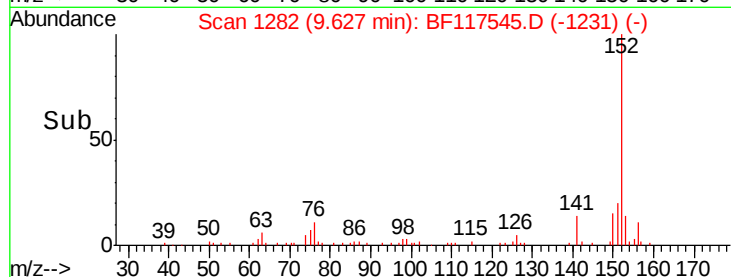
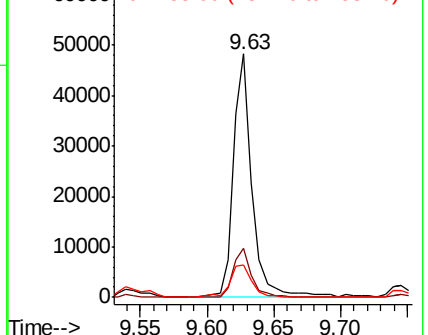
152 100

151 20.3 15.4 23.0

153 13.6 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 9.774 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

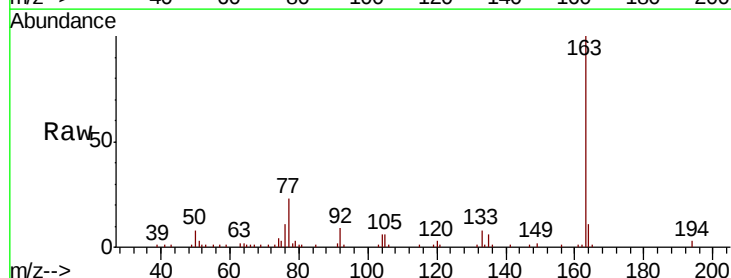
Tgt Ion:163 Resp: 46480

Ion Ratio Lower Upper

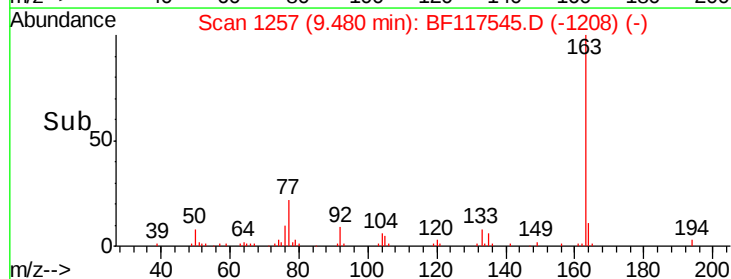
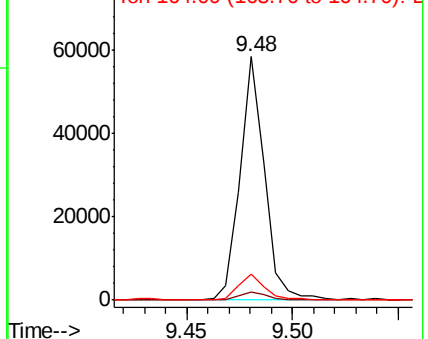
163 100

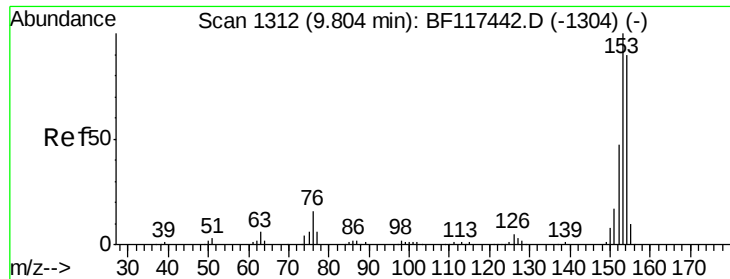
194 3.5 2.9 4.3

164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 16.098 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

177-44-(0-2.5)

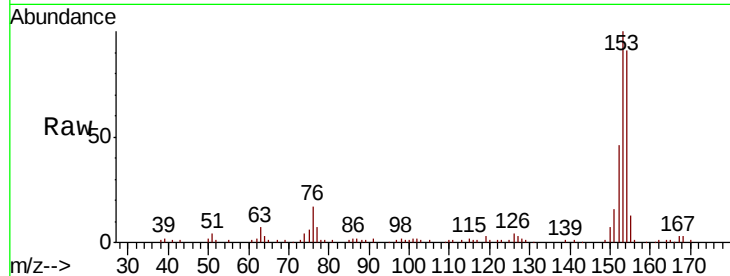
Tot Ion:154 Resp: 60403

Ion Ratio Lower Upper

154 100

153 109.9 89.2 133.8

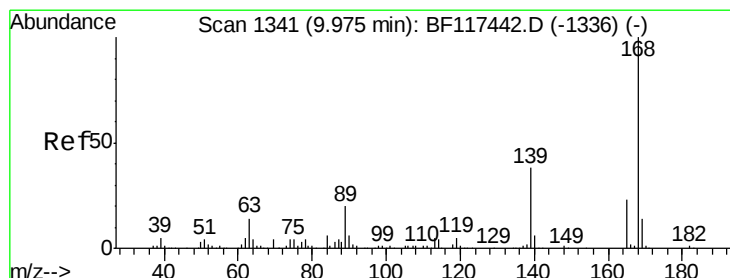
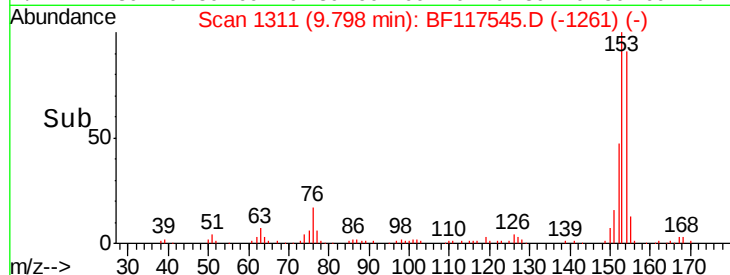
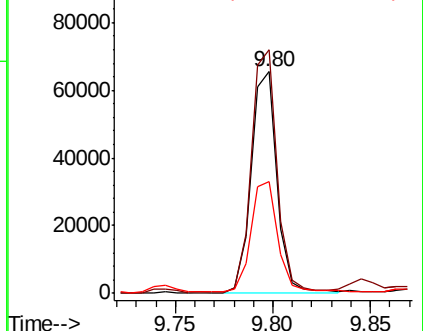
152 50.7 41.8 62.6



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



#55

Dibenzofuran

Concen: 11.070 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

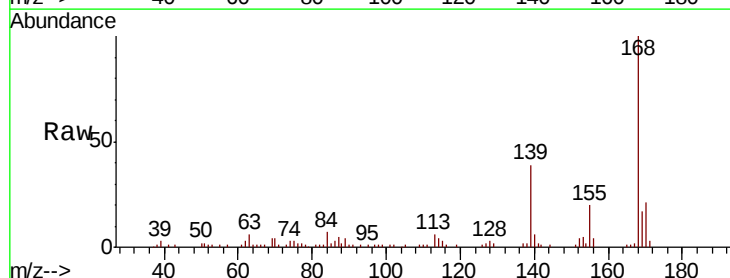
Tgt Ion:168 Resp: 60182

Ion Ratio Lower Upper

168 100

139 38.6 31.8 47.6

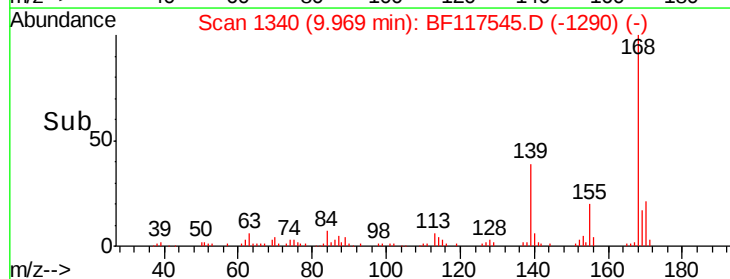
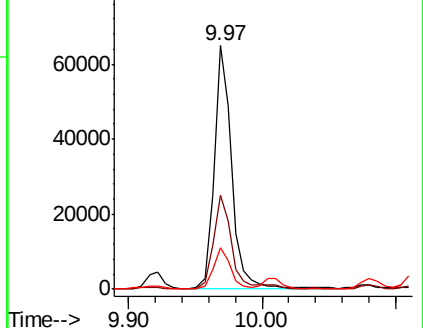
169 16.8 11.2 16.8#

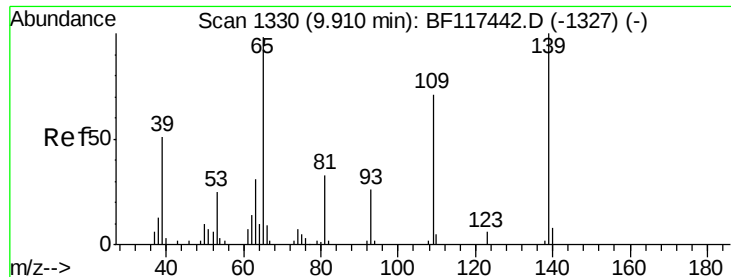


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 5.739 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

177-44-(0-2.5)

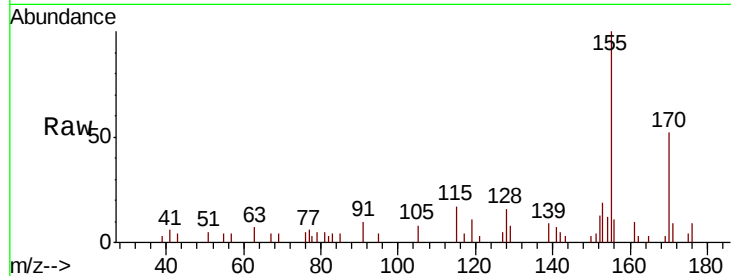
Tot Ion:139 Resp: 940

Ion Ratio Lower Upper

139 100

109 0.0 51.4 91.4#

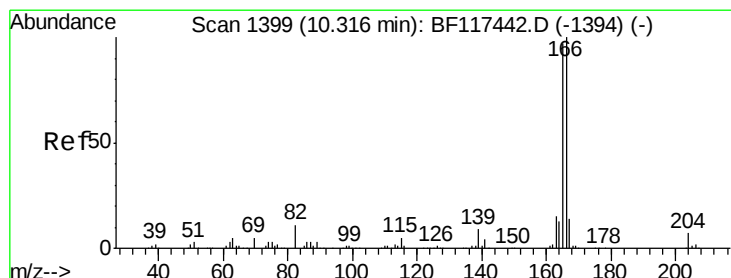
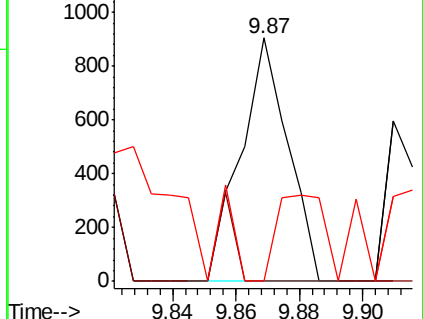
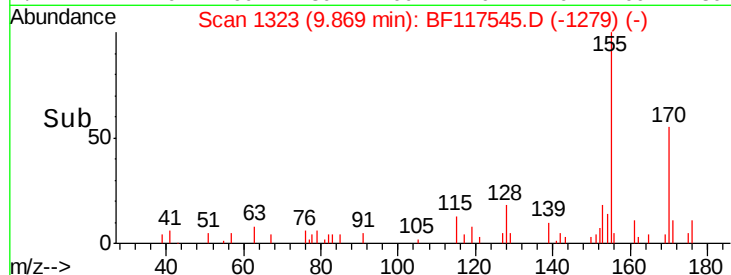
65 0.0 79.4 119.4#



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



#58

Fluorene

Concen: 18.785 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

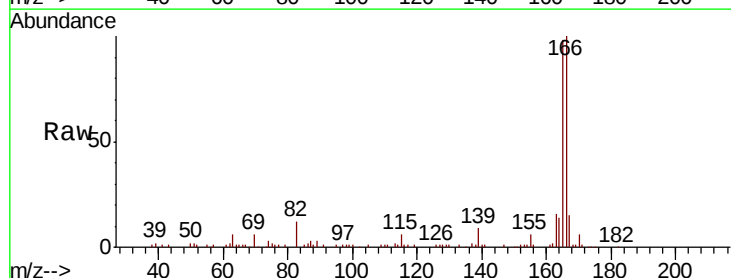
Tgt Ion:166 Resp: 84449

Ion Ratio Lower Upper

166 100

165 97.8 77.6 116.4

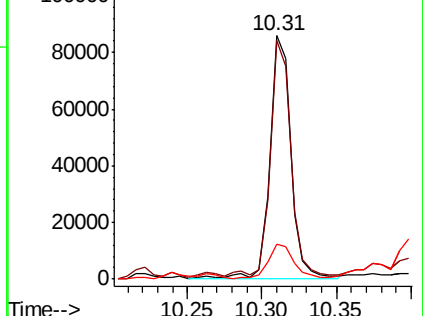
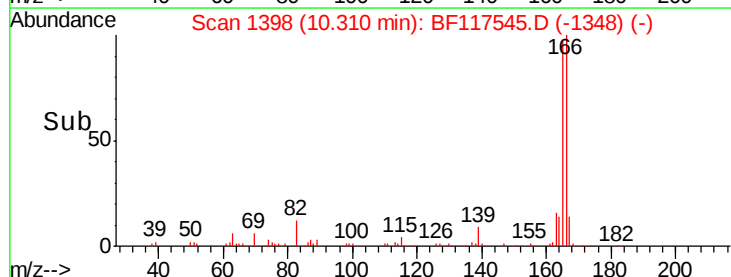
167 14.6 11.0 16.4

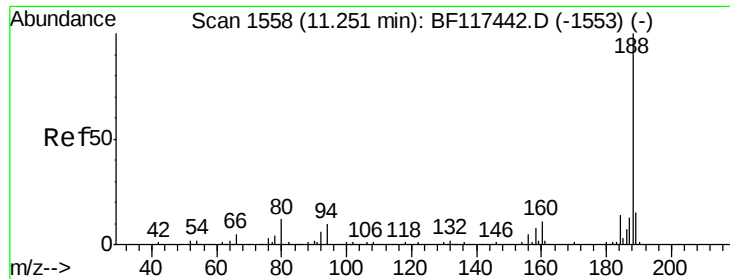


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

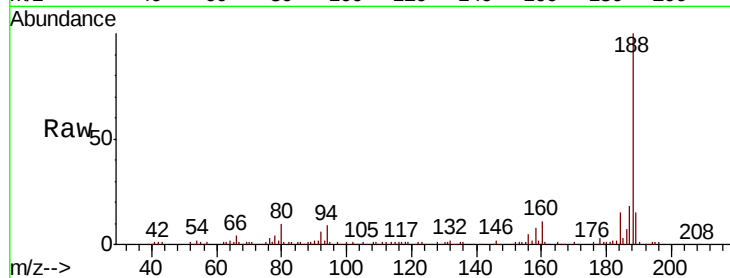




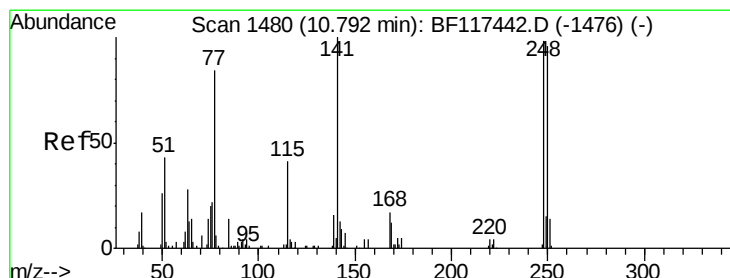
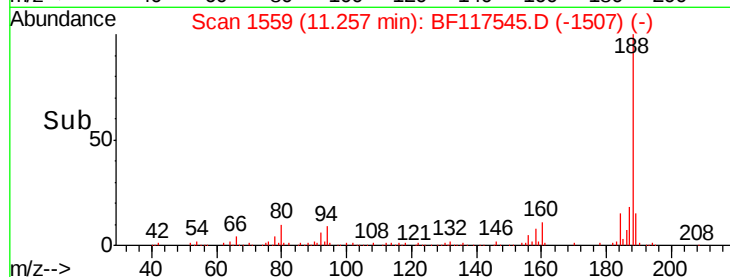
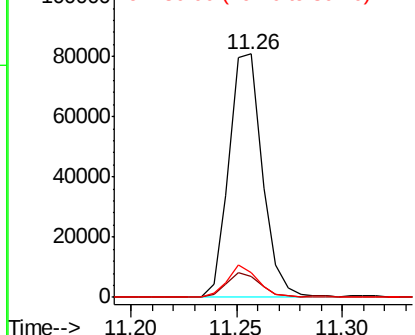
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Instrument :
BNA_F
ClientSampleId :
177-44-(0-2.5)

Tot Ion:188 Resp: 88473
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 10.4 9.5 14.3

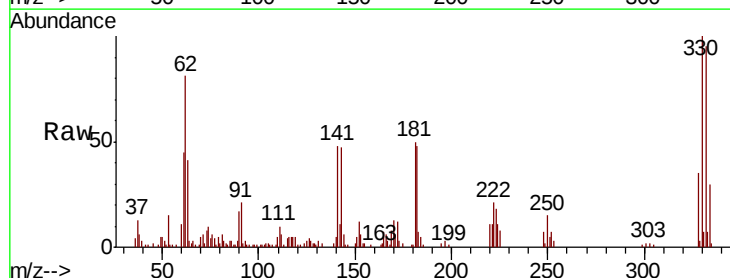


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

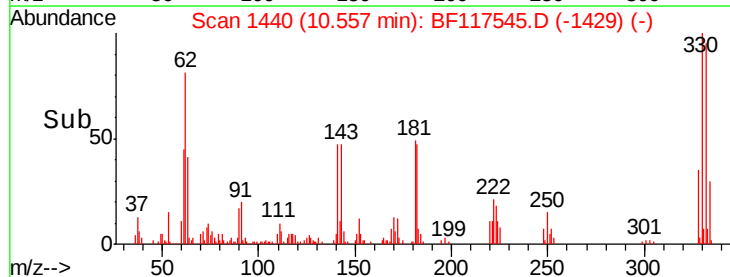
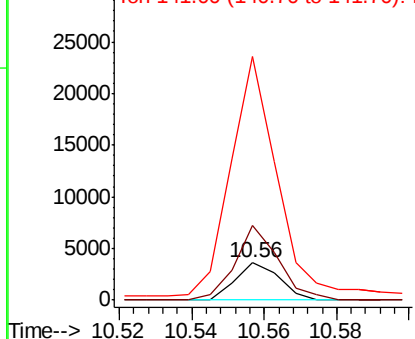


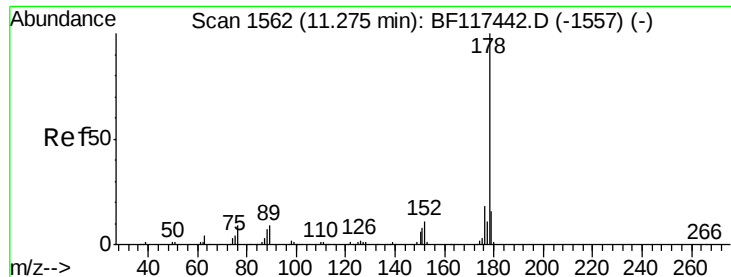
#67
4-Bromophenyl-phenylether
Concen: 3.203 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Tgt Ion:248 Resp: 3052
Ion Ratio Lower Upper
248 100
250 160.6 78.0 117.0#
141 522.6 81.7 122.5#



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

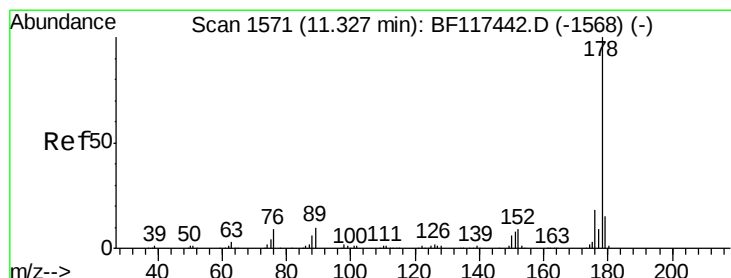
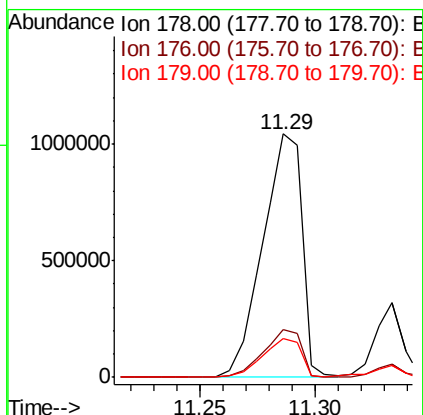
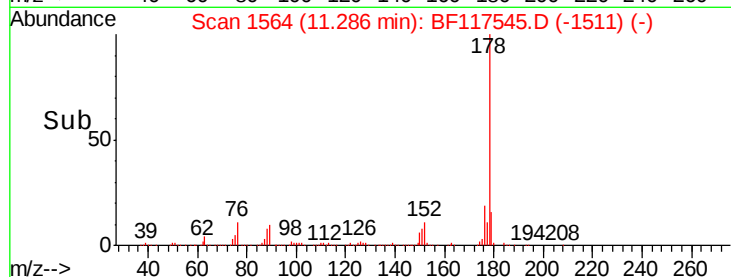
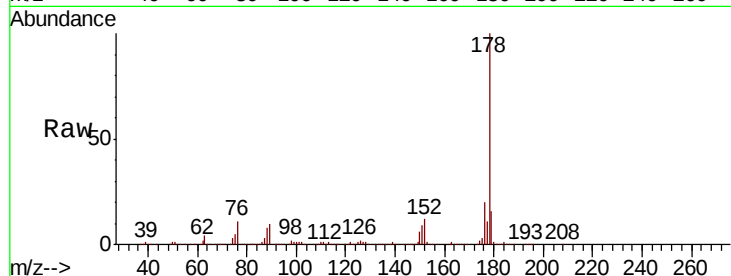




#71
Phenanthrene
Concen: 239.443 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

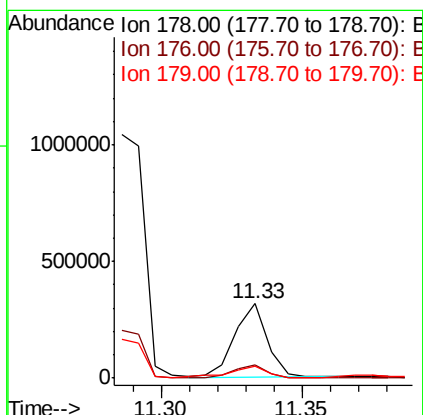
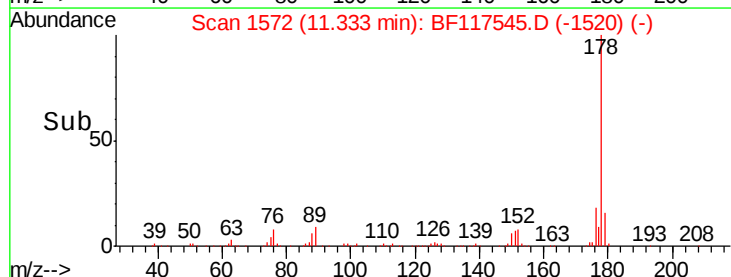
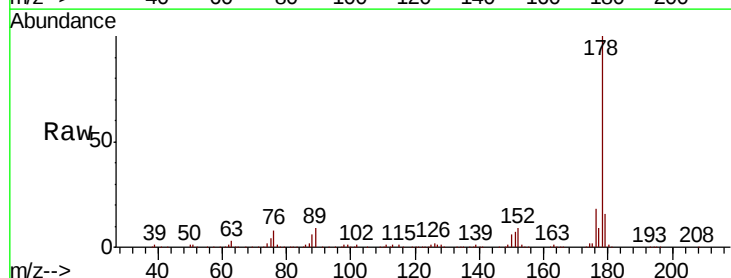
Instrument :
BNA_F
ClientSampleId :
177-44-(0-2.5)

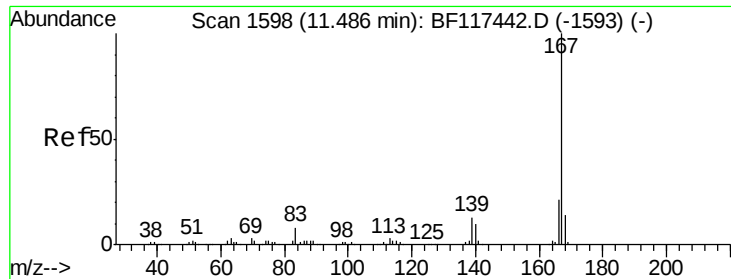
Tot Ion:178 Resp: 1230091
Ion Ratio Lower Upper
178 100
176 19.5 14.6 22.0
179 16.0 12.6 19.0



#72
Anthracene
Concen: 47.610 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Tgt Ion:178 Resp: 250960
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.7 12.2 18.2





#73

Carbazole

Concen: 18.989 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

177-44-(0-2.5)

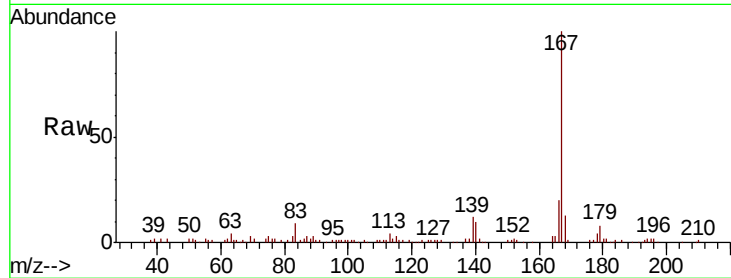
Tot Ion:167 Resp: 91474

Ion Ratio Lower Upper

167 100

166 20.1 17.0 25.6

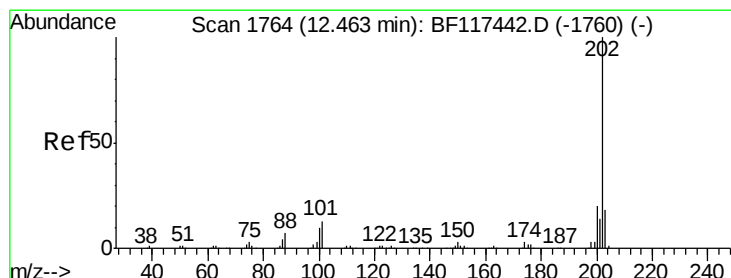
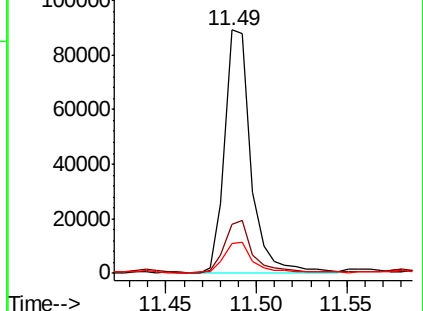
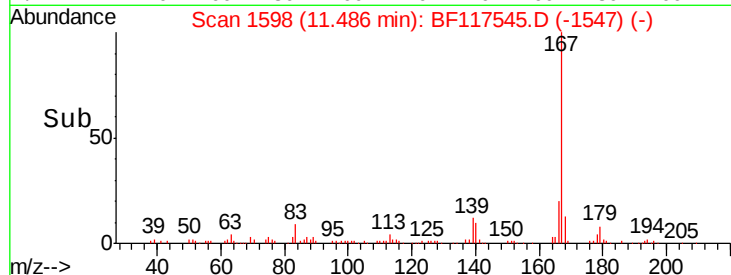
139 12.4 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 362.901 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.03 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

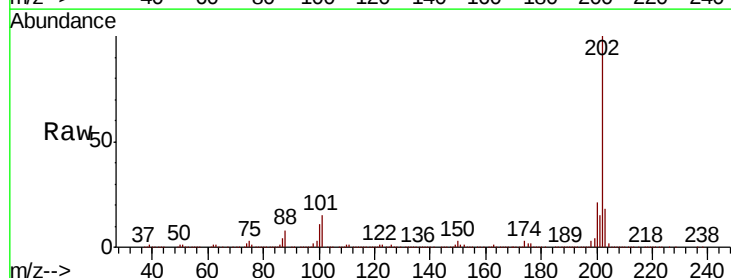
Tgt Ion:202 Resp: 1866339

Ion Ratio Lower Upper

202 100

101 15.4 0.0 32.7

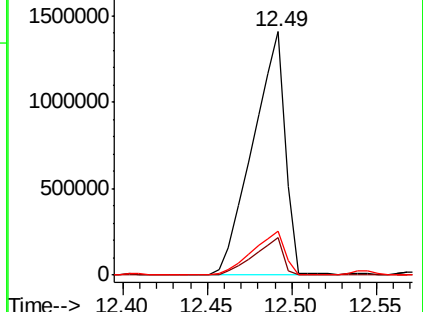
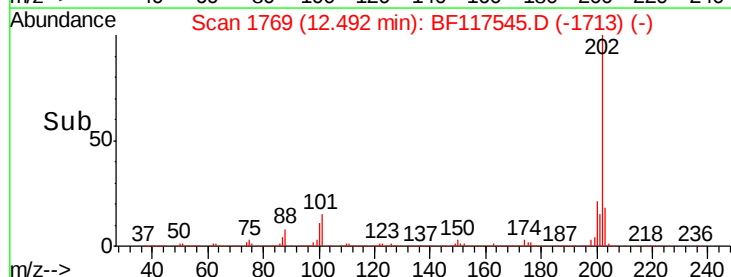
203 18.2 0.0 37.6

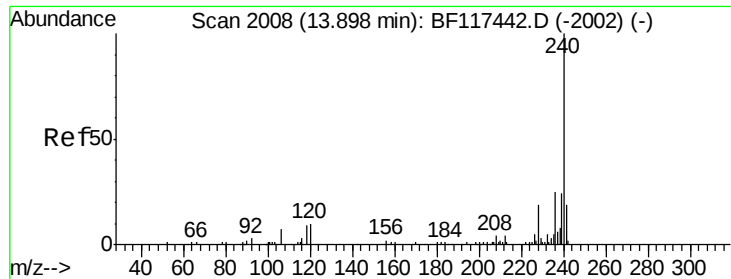


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

177-44-(0-2.5)

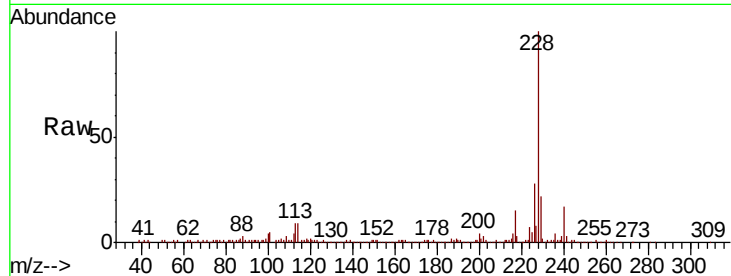
Tot Ion:240 Resp: 64262

Ion Ratio Lower Upper

240 100

120 13.2 8.4 12.6#

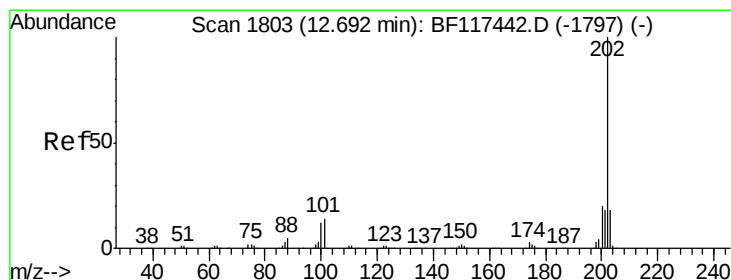
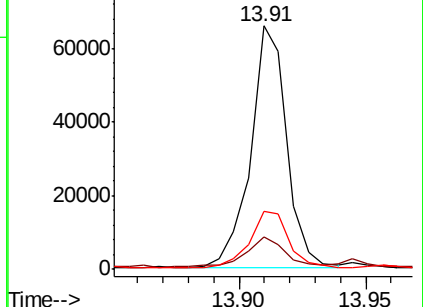
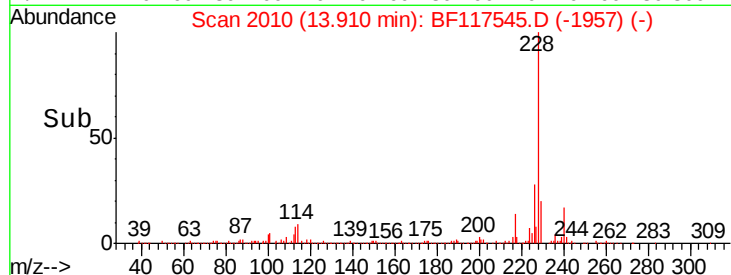
236 23.8 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 295.348 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.03 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

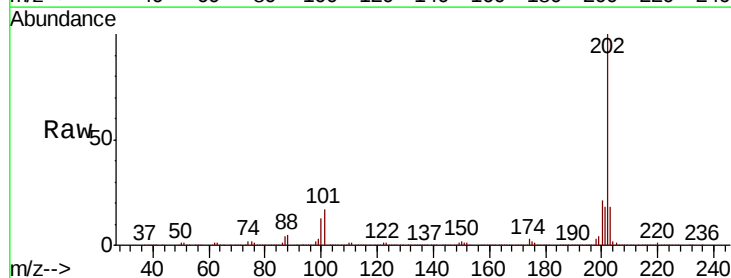
Tgt Ion:202 Resp: 1630250

Ion Ratio Lower Upper

202 100

200 20.9 16.2 24.2

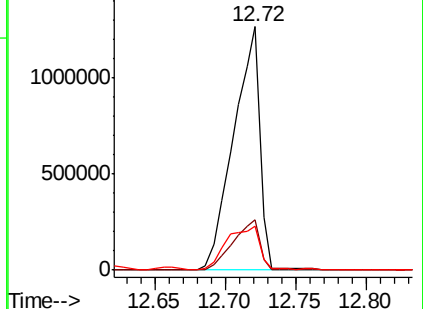
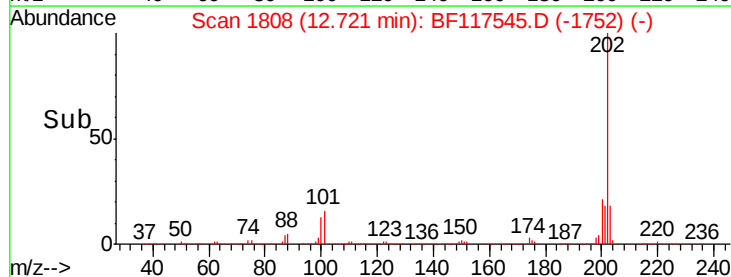
203 18.1 14.0 21.0

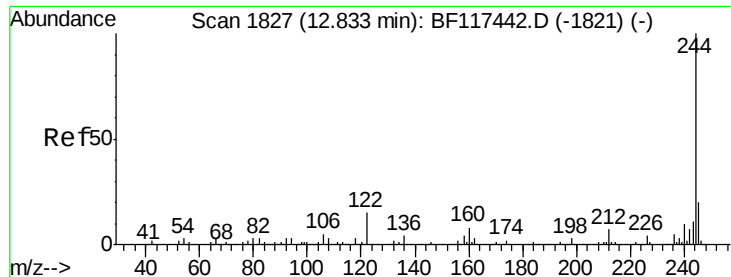


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.080 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

177-44-(0-2.5)

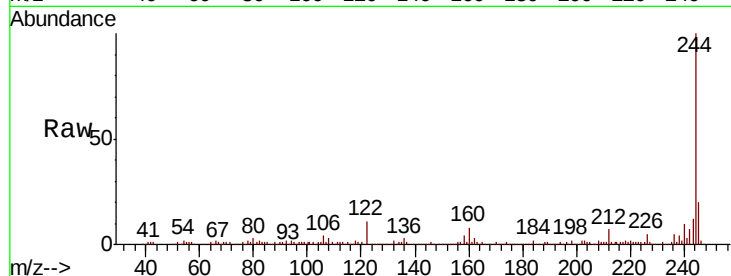
Tot Ion:244 Resp: 228822

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

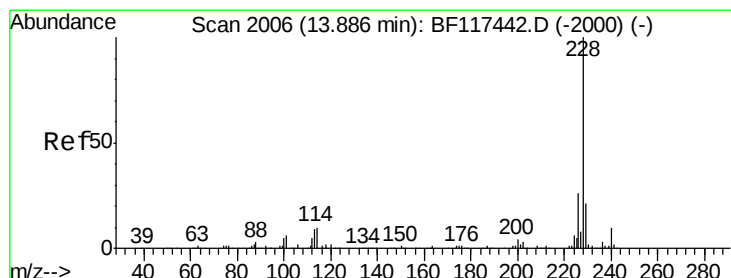
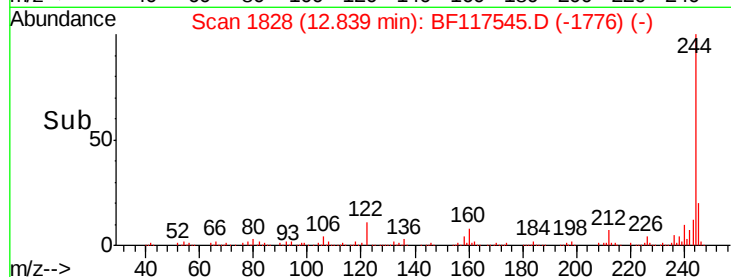
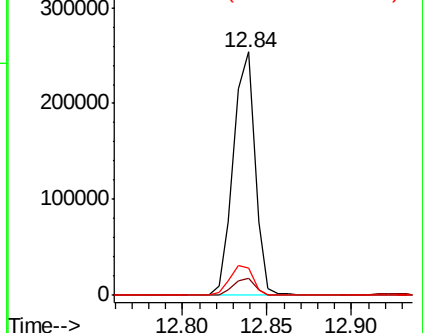
122 11.5 11.8 17.8#



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



#81

Benzo(a)anthracene

Concen: 189.804 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.02 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

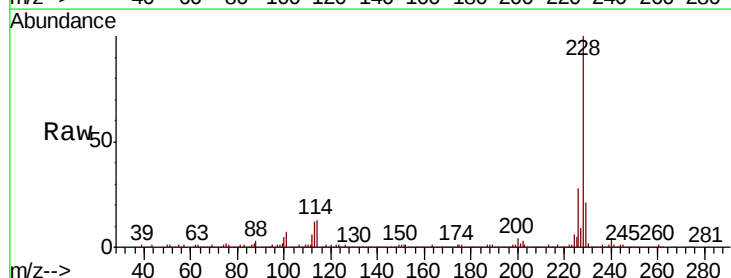
Tgt Ion:228 Resp: 822749

Ion Ratio Lower Upper

228 100

226 28.0 21.0 31.4

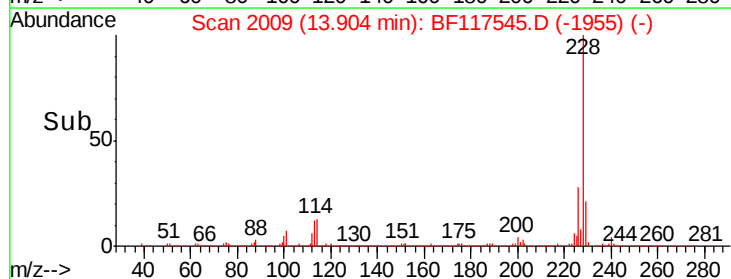
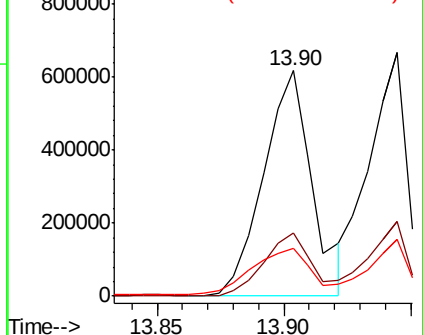
229 21.2 16.4 24.6

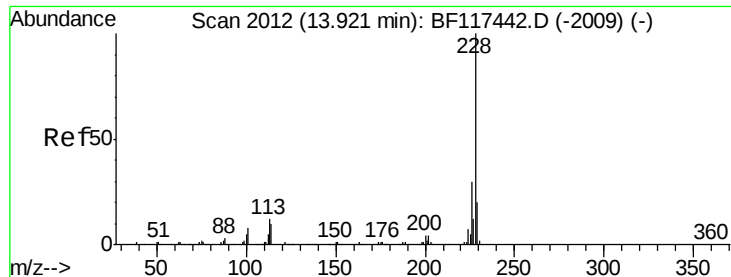


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

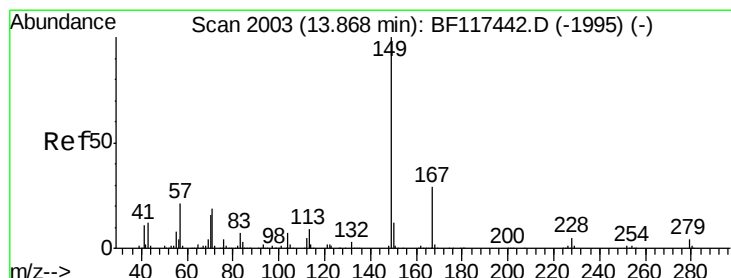
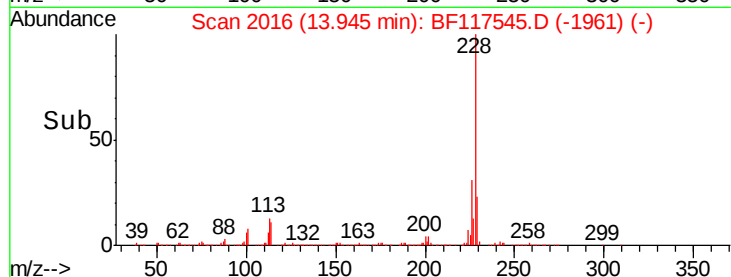
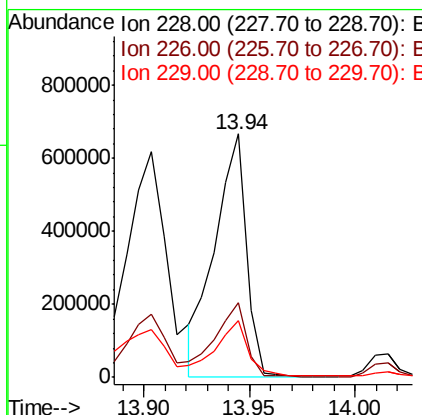
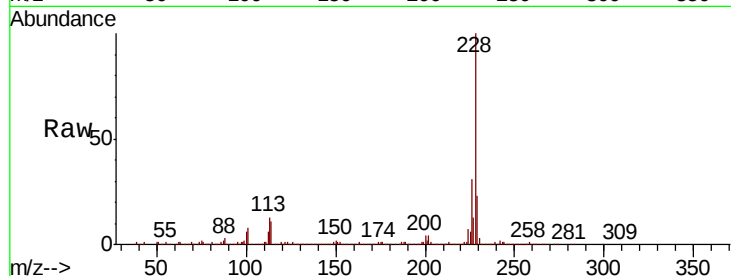




#83
Chrysene
Concen: 163.084 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.02 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

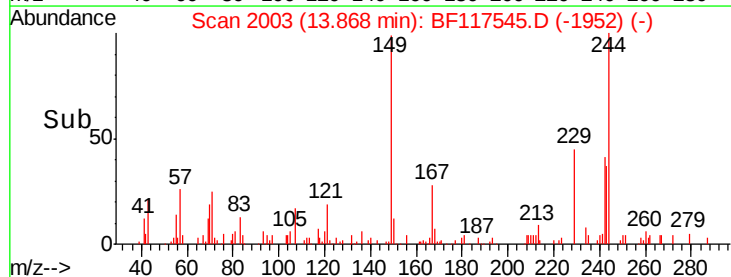
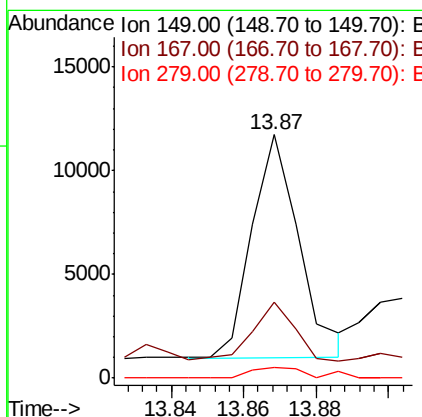
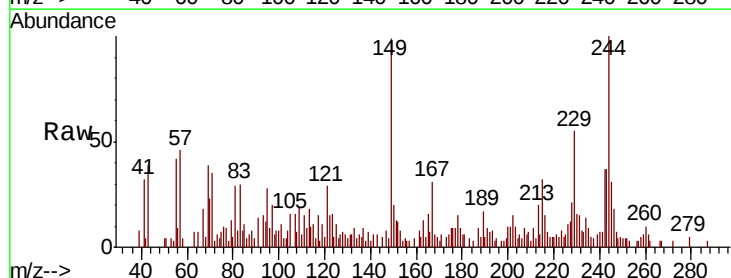
Instrument :
BNA_F
ClientSampleId :
177-44-(0-2.5)

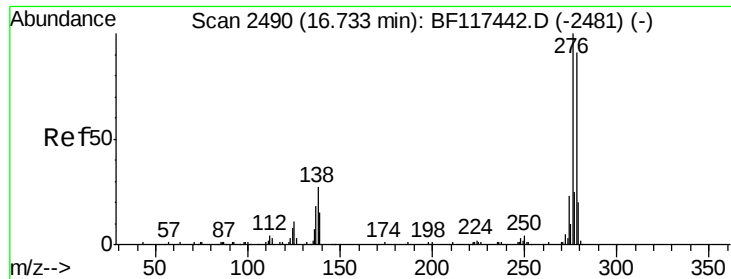
Tot Ion:228	Resp:	692830
Ion	Ratio	Lower Upper
228	100	
226	30.8	23.9 35.9
229	23.4	15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.526 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Tgt Ion:149	Resp:	9719
Ion	Ratio	Lower Upper
149	100	
167	31.0	23.3 34.9
279	4.6	3.2 4.8





#86

Indeno(1,2,3-cd)pyrene

Concen: 73.585 ng

RT: 16.77 min Scan# 2497

Delta R.T. 0.04 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

177-44-(0-2.5)

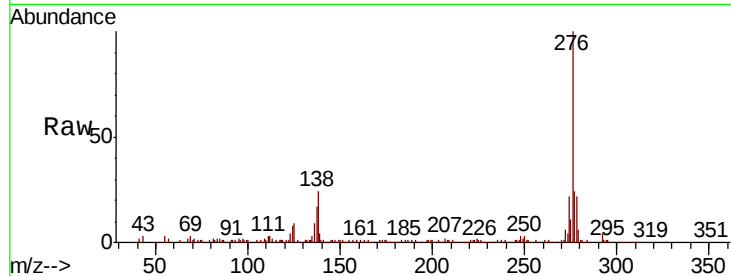
Tot Ion:276 Resp: 233398

Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

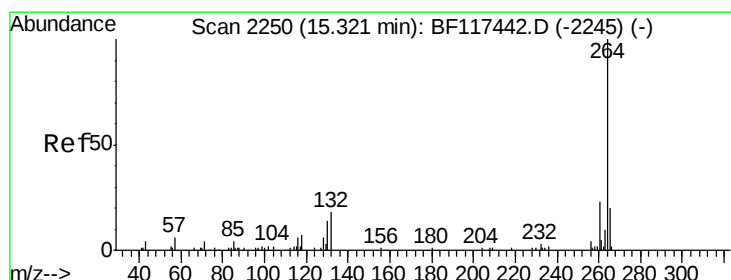
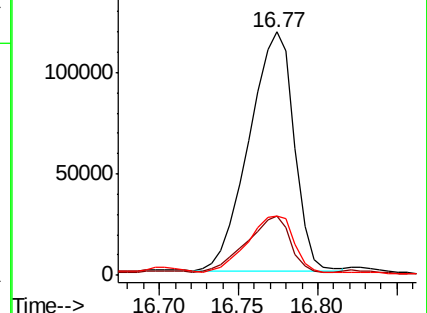
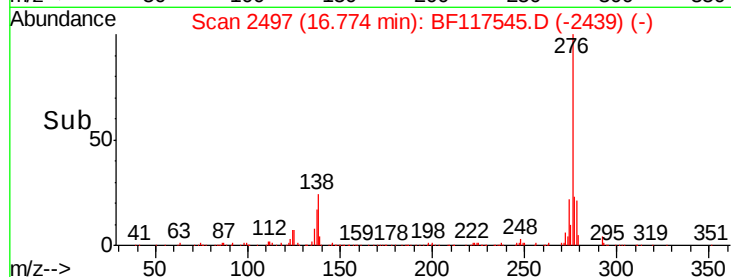
277 24.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.02 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

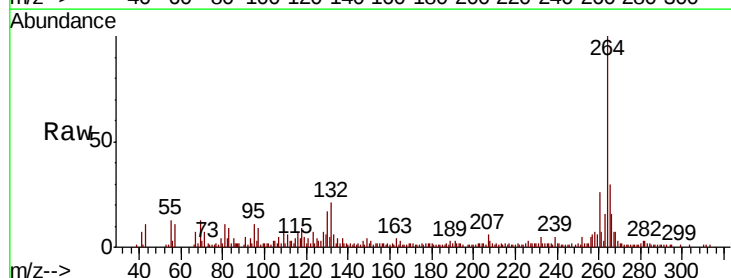
Tgt Ion:264 Resp: 48217

Ion Ratio Lower Upper

264 100

260 26.5 18.4 27.6

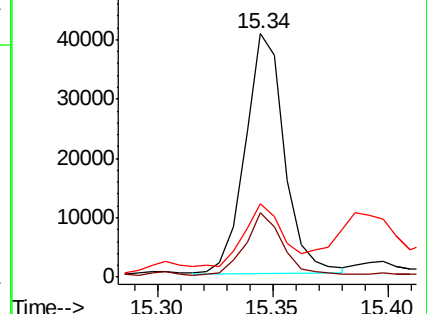
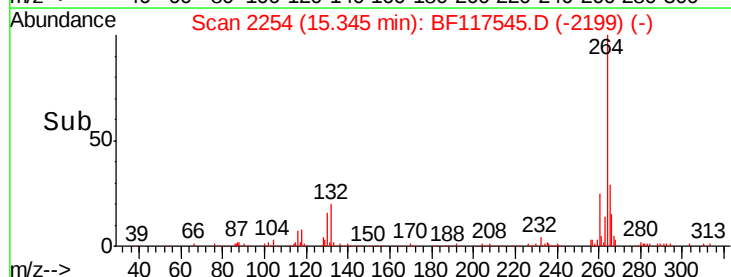
265 30.2 16.1 24.1#

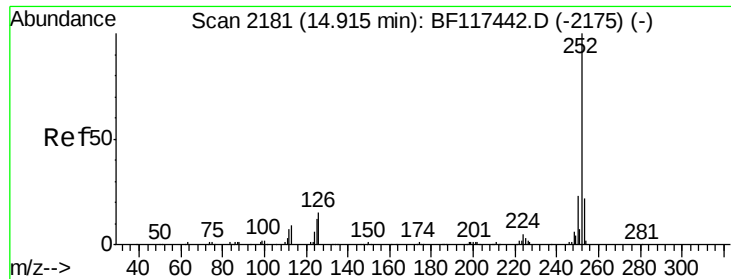


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 314.968 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.03 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

177-44-(0-2.5)

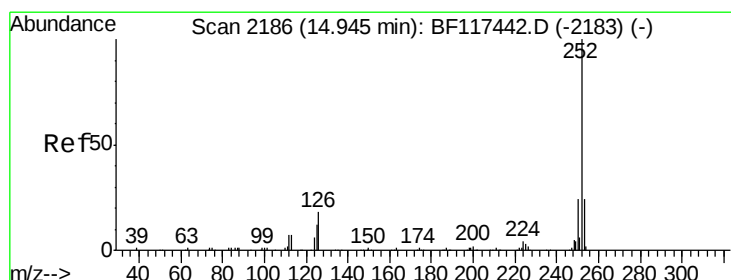
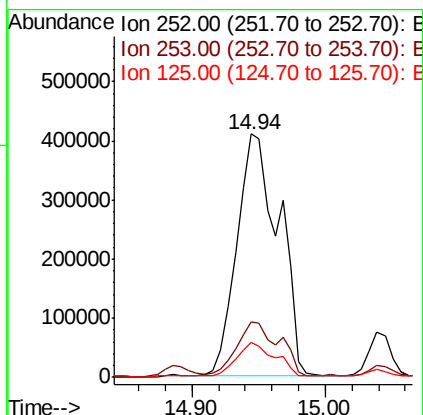
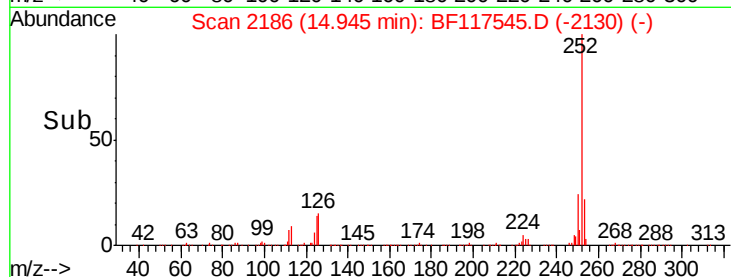
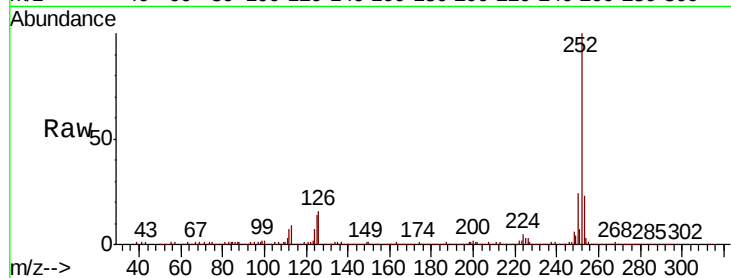
Tot Ion:252 Resp: 896801

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 14.2 9.9 14.9



#89

Benzo(k)fluoranthene

Concen: 307.305 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BF117545.D

Acq: 25 Oct 2019 19:20

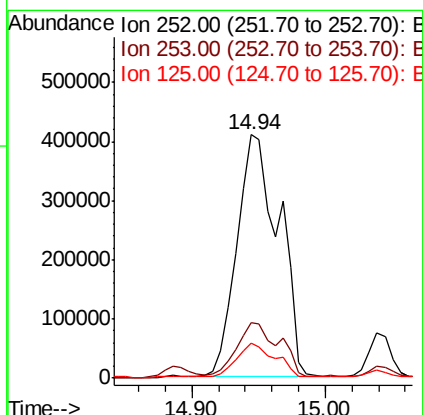
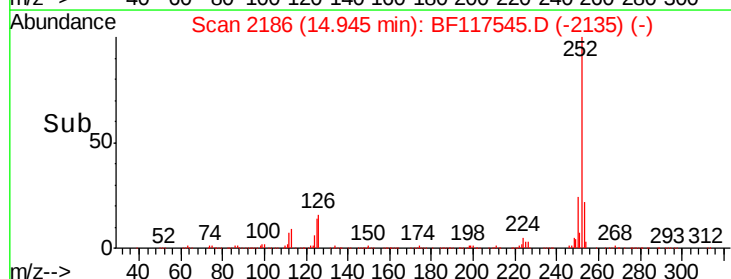
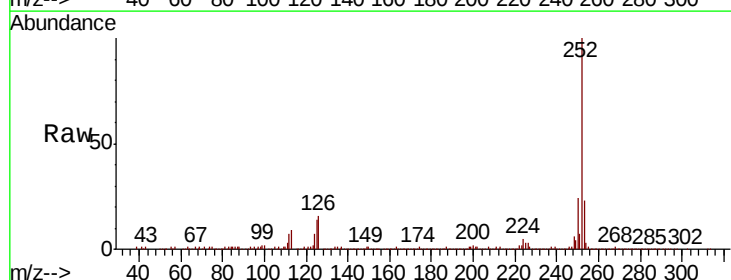
Tgt Ion:252 Resp: 896801

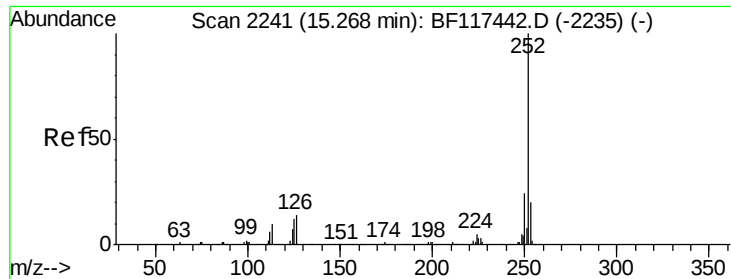
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 14.2 8.9 13.3#

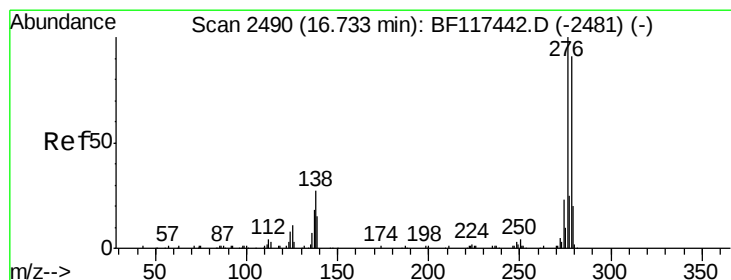
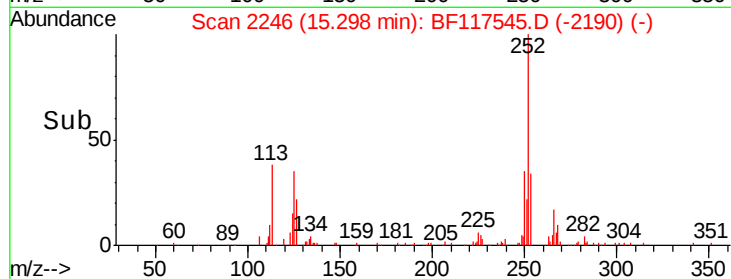
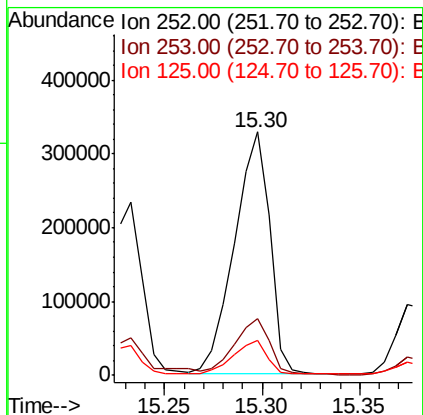
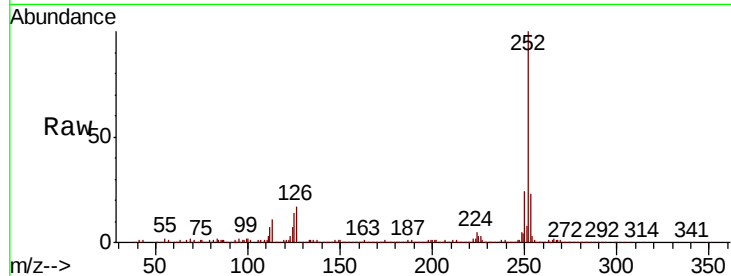




#90
Benzo(a)pyrene
Concen: 160.263 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.03 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

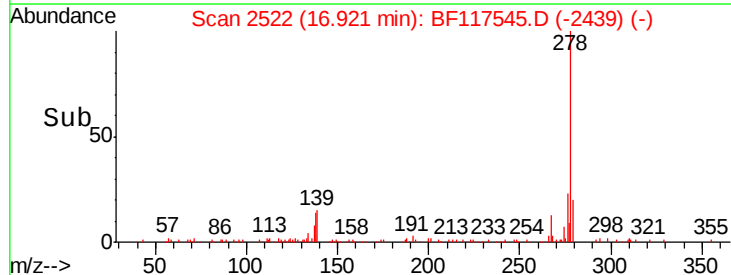
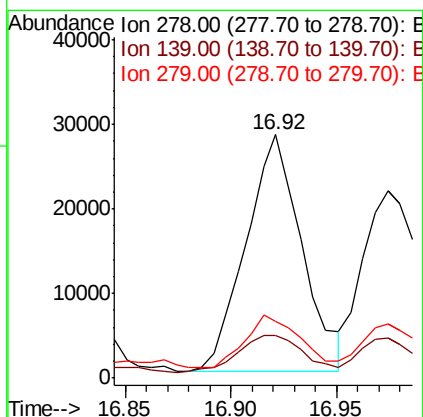
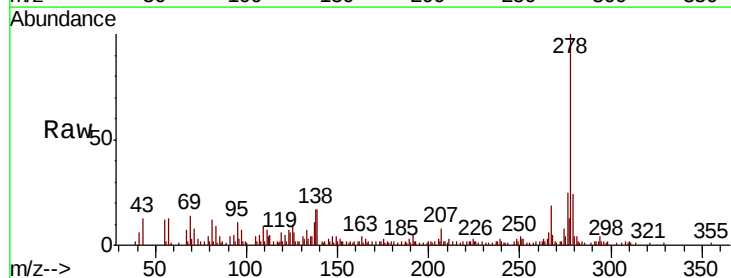
Instrument :
BNA_F
ClientSampleId :
177-44-(0-2.5)

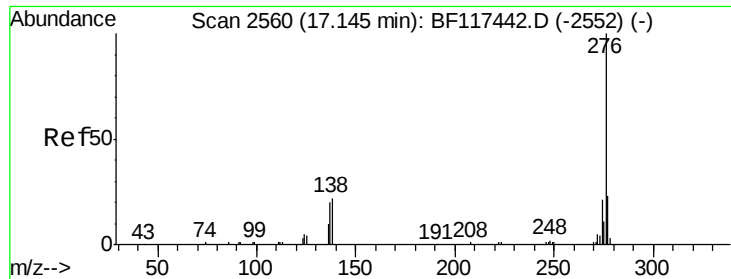
Tot Ion:252 Resp: 414882
Ion Ratio Lower Upper
252 100
253 23.4 16.3 24.5
125 14.1 9.2 13.8#



#91
Dibenzo(a,h)anthracene
Concen: 23.123 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.19 min
Lab File: BF117545.D
Acq: 25 Oct 2019 19:20

Tgt Ion:278 Resp: 51759
Ion Ratio Lower Upper
278 100
139 17.4 13.4 20.0
279 23.5 17.8 26.6

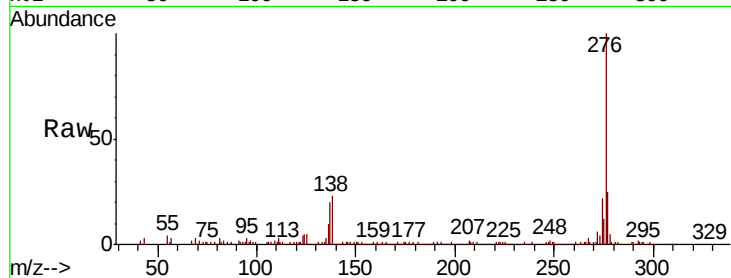




#92
 Benzo(a,h,i)perylene
 Concen: 100.454 ng
 RT: 17.20 min Scan# 2570
 Delta R.T. 0.06 min
 Lab File: BF117545.D
 Acq: 25 Oct 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 177-44-(0-2.5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	23.1	17.8	26.6



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

