

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052119\
 Data File : BF114457.D
 Acq On : 21 May 2019 15:51
 Operator : JU/SJ
 Sample : K2854-02DL 4X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 21 16:27:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	216636	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	834689	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	376991	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	619585	20.00	ng	0.00
76) Chrysene-d12	14.02	240	360013	20.00	ng	0.01
87) Perylene-d12	15.50	264	366990	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	337175	25.05	ng	-0.01
7) Phenol-d6	6.47	99	483792	30.39	ng	-0.02
23) Nitrobenzene-d5	7.39	82	275446	18.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	81987	21.04	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	488089	19.58	ng	0.00
79) Terphenyl-d14	12.95	244	326880	18.72	ng	0.00

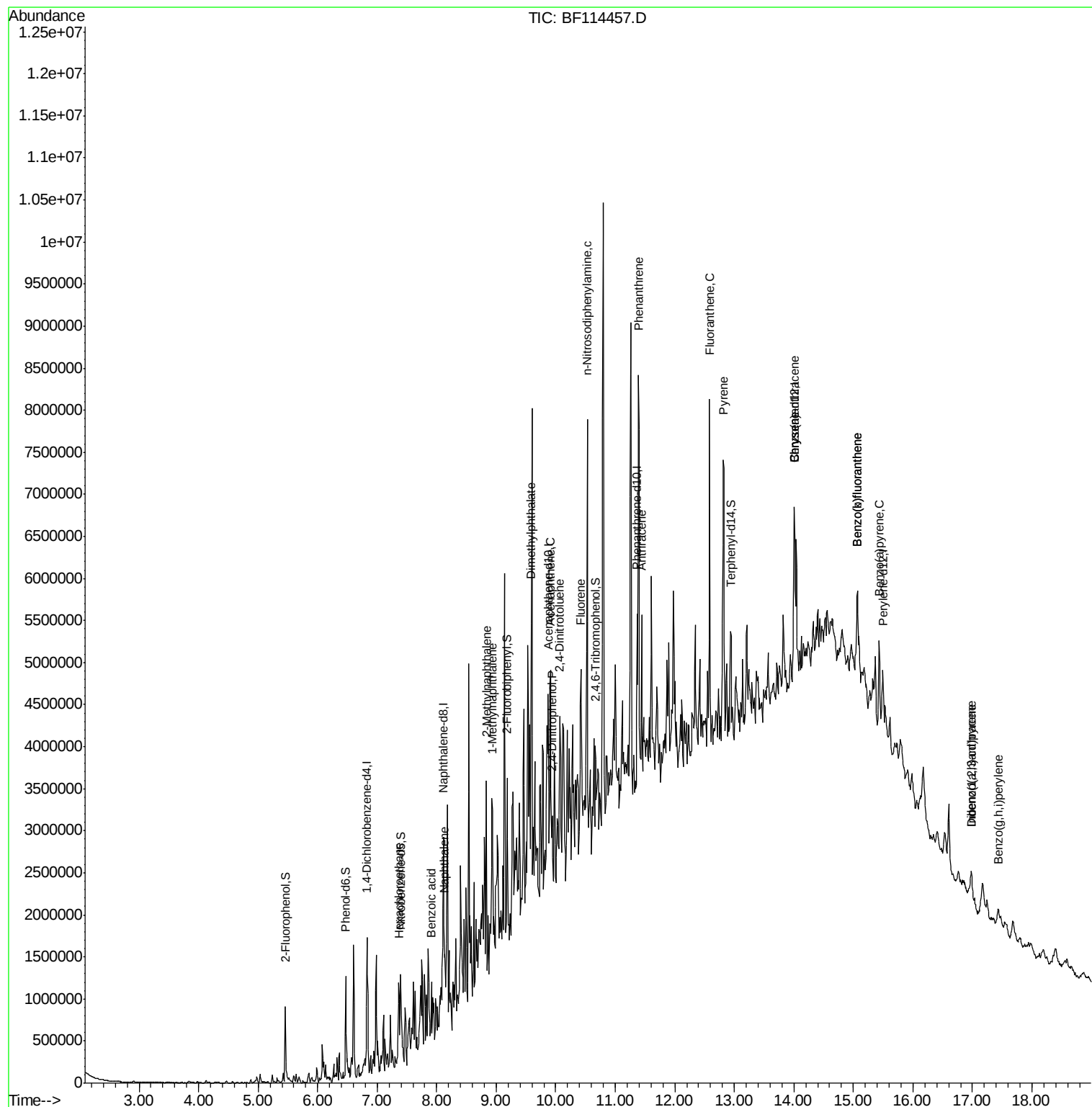
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.36	117	35306	5.786	ng	# 1
31) Naphthalene	8.13	128	244956	6.283	ng	# 97
32) Benzoic acid	7.90	122	5607	7.602	ng	# 14
37) 2-Methylnaphthalene	8.83	142	679060	26.994	ng	97
38) 1-Methylnaphthalene	8.93	142	486347	20.530	ng	100
50) Dimethylphthalate	9.58	163	71695	2.591	ng	# 51
52) Acenaphthene	9.90	154	364253	15.923	ng	97
54) 2,4-Dinitrophenol	9.93	184	836	6.993	ng	# 1
57) 2,4-Dinitrotoluene	10.07	165	18884	2.267	ng	# 53
58) Fluorene	10.42	166	417579	16.117	ng	99
66) n-Nitrosodiphenylamine	10.53	169	137764	7.326	ng	# 57
71) Phenanthrene	11.39	178	2235380	74.158	ng	99
72) Anthracene	11.45	178	904577	29.877	ng	98
75) Fluoranthene	12.59	202	2341797	72.142	ng	99
78) Pyrene	12.82	202	2040547	70.458	ng	99
81) Benzo(a)anthracene	14.00	228	855230	36.728	ng	96
83) Chrysene	14.00	228	855230	37.467	ng	95
86) Indeno(1,2,3-cd)pyrene	16.98	276	142358	7.057	ng	95
88) Benzo(b)fluoranthene	15.07	252	891304	37.909	ng	# 87
89) Benzo(k)fluoranthene	15.07	252	891304	41.269	ng	# 88
90) Benzo(a)pyrene	15.43	252	441055	21.315	ng	# 88
91) Dibenzo(a,h)anthracene	16.98	278	43048	2.504	ng	# 38
92) Benzo(g,h,i)perylene	17.43	276	125392	7.277	ng	# 90

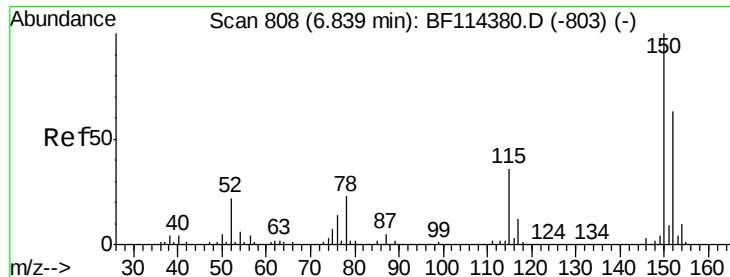
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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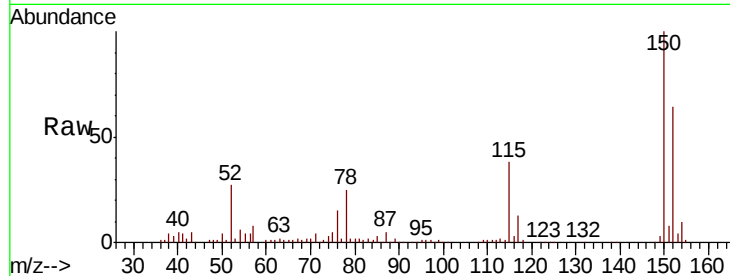


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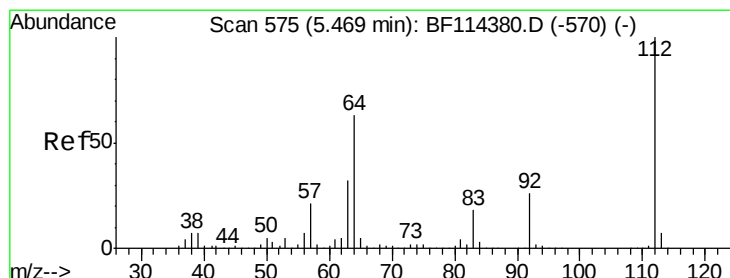
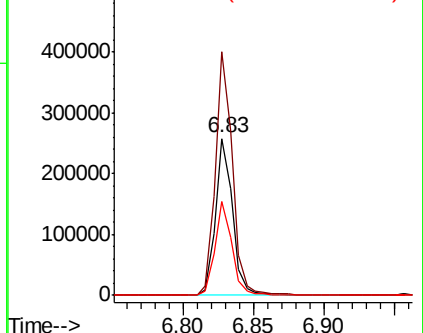
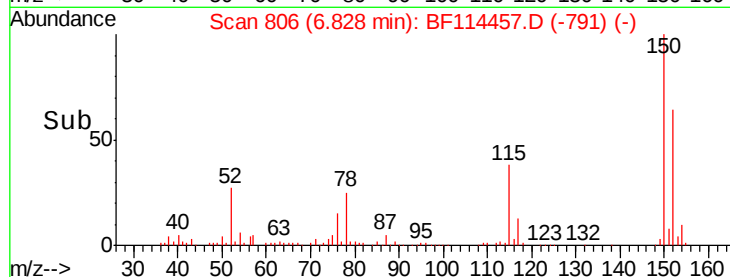
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114457.D
 Acq: 21 May 2019 15:51

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 216636
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.3 186.5
 115 59.6 49.1 73.7



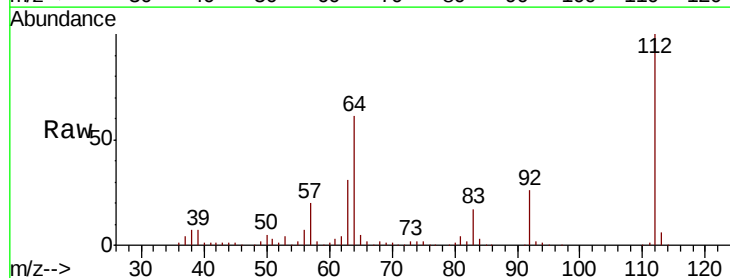
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



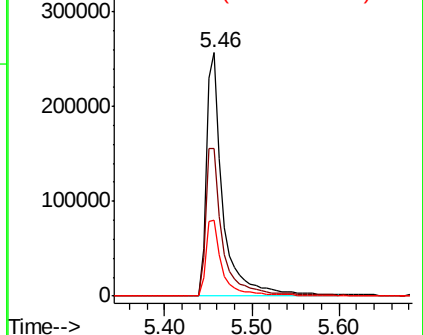
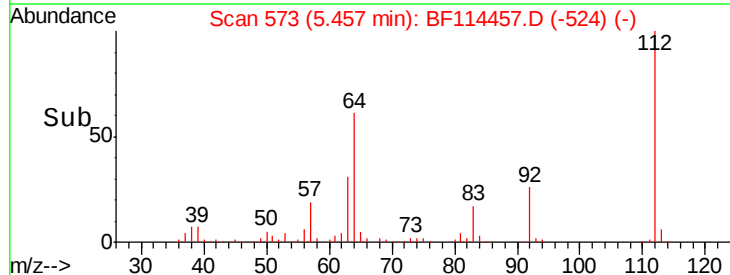
#5

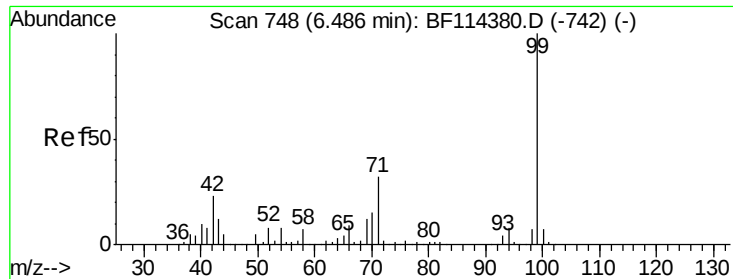
2-Fluorophenol
 Concen: 25.047 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF114457.D
 Acq: 21 May 2019 15:51

Tgt Ion:112 Resp: 337175
 Ion Ratio Lower Upper
 112 100
 64 60.7 49.0 73.6
 63 31.2 24.6 37.0



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: 30.386 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampleId :

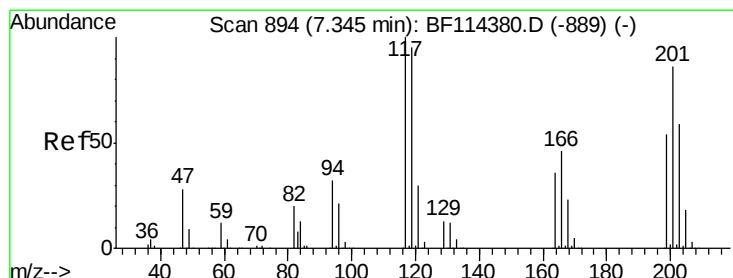
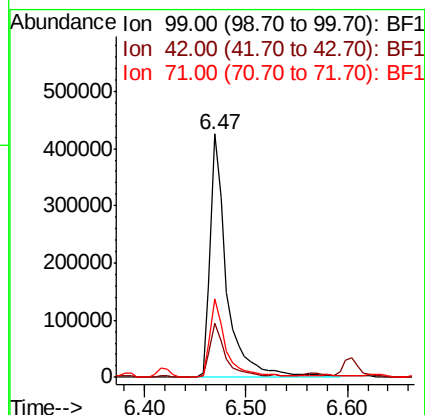
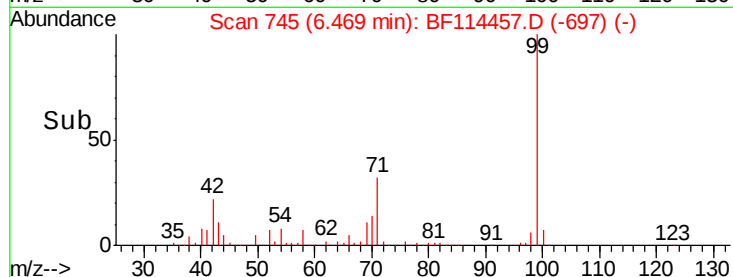
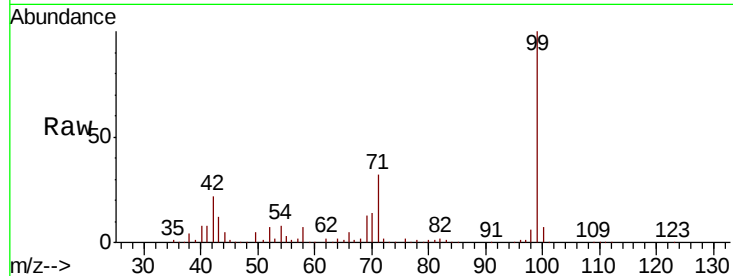
Tot Ion: 99 Resp: 483792

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

71 32.3 26.2 39.2



#18

Hexachloroethane

Concen: 5.786 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.02 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

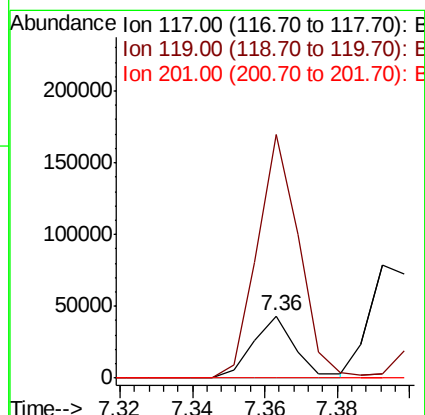
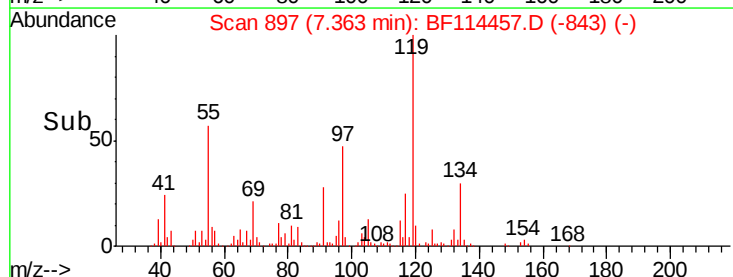
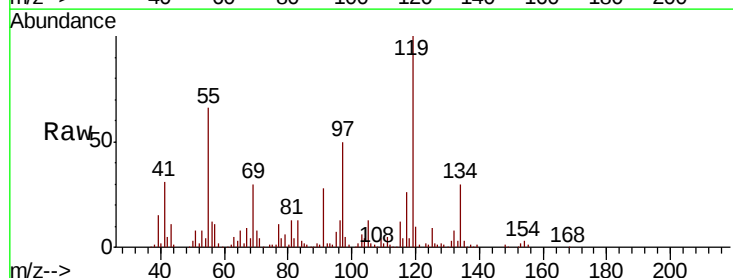
Tgt Ion: 117 Resp: 35306

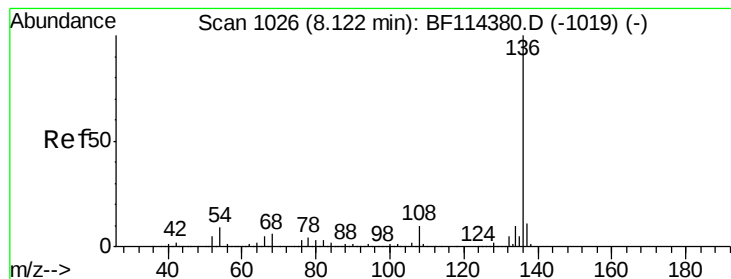
Ion Ratio Lower Upper

117 100

119 391.4 77.4 116.2#

201 0.0 74.5 111.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 834689

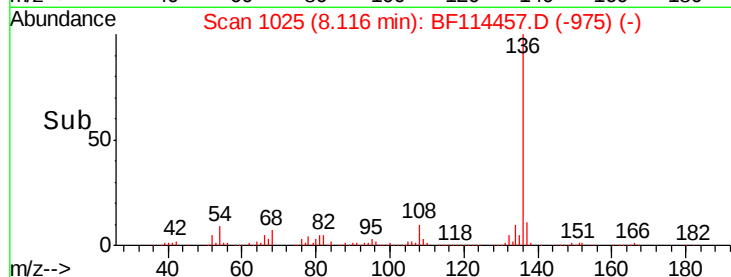
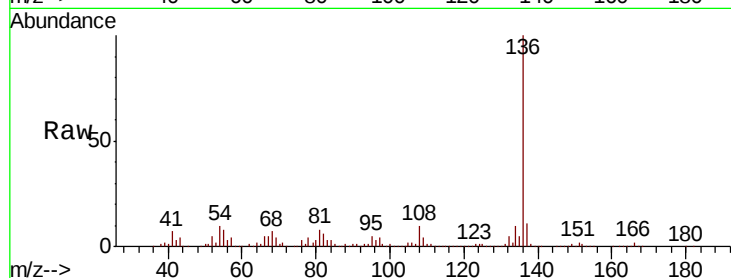
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.0 7.8 11.8

68 7.4 5.1 7.7

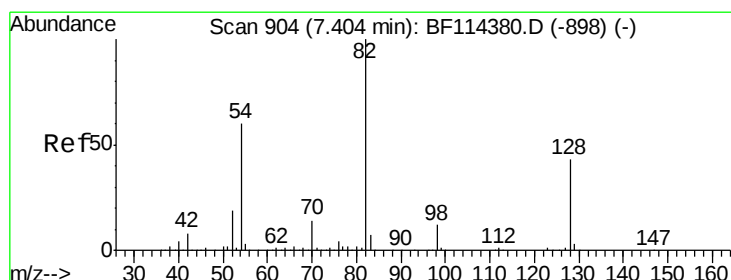
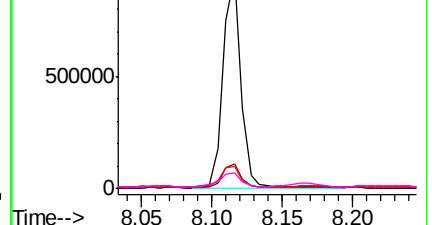


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 18.520 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

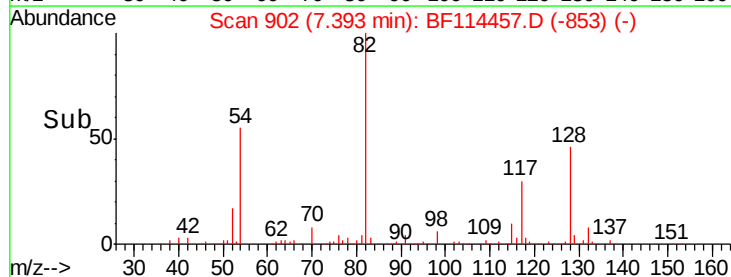
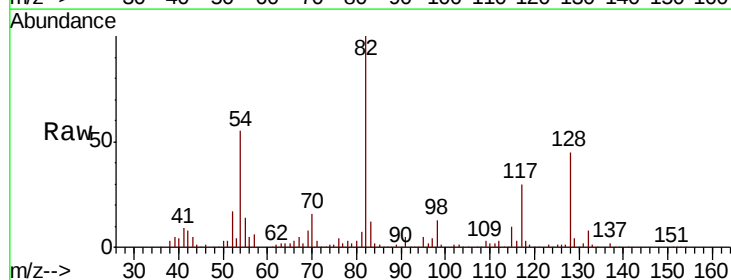
Tgt Ion: 82 Resp: 275446

Ion Ratio Lower Upper

82 100

128 45.2 35.5 53.3

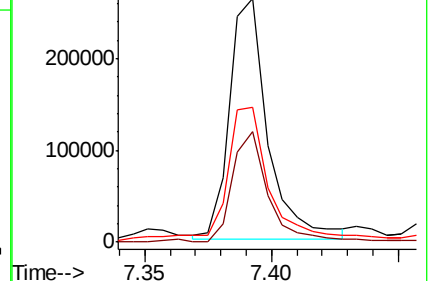
54 55.4 48.5 72.7

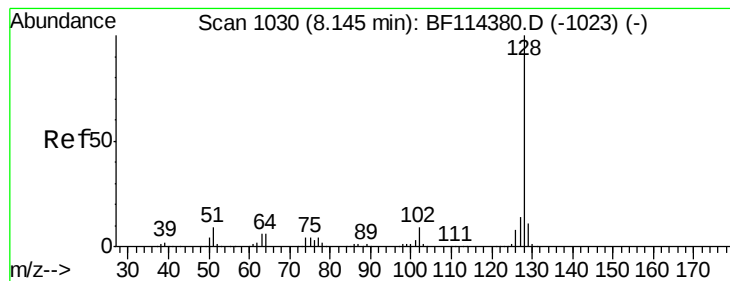


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 6.283 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampleId :

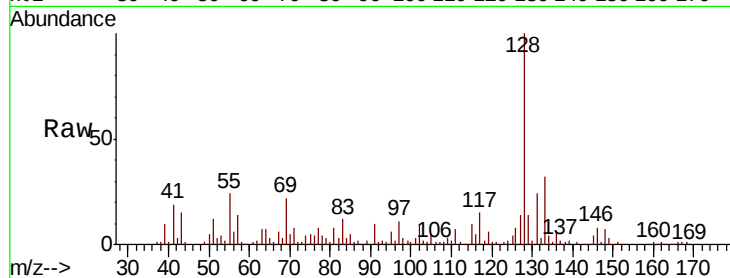
Tot Ion:128 Resp: 244956

Ion Ratio Lower Upper

128 100

129 14.4 9.6 14.4#

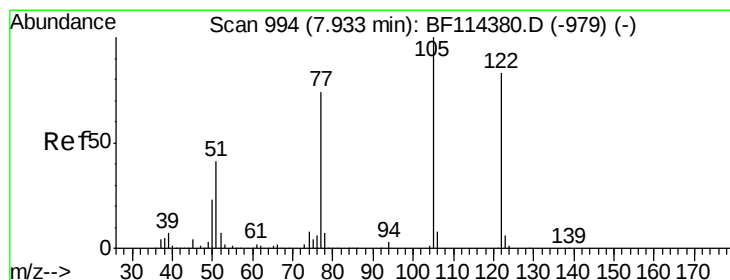
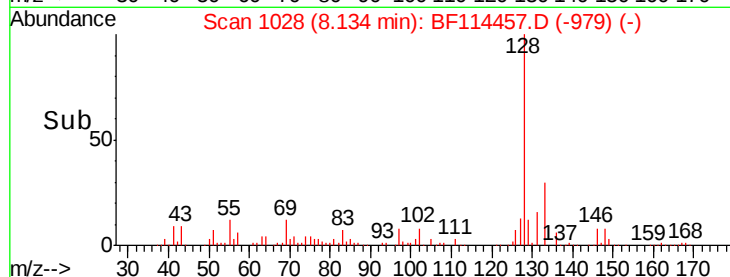
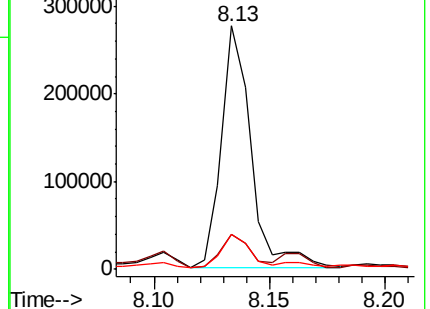
127 14.2 11.3 16.9



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: 7.602 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.03 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

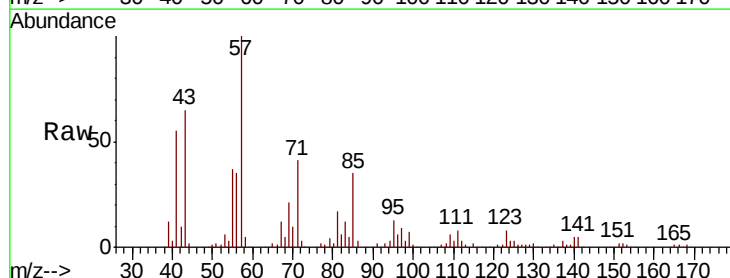
Tgt Ion:122 Resp: 5607

Ion Ratio Lower Upper

122 100

105 32.5 99.9 139.9#

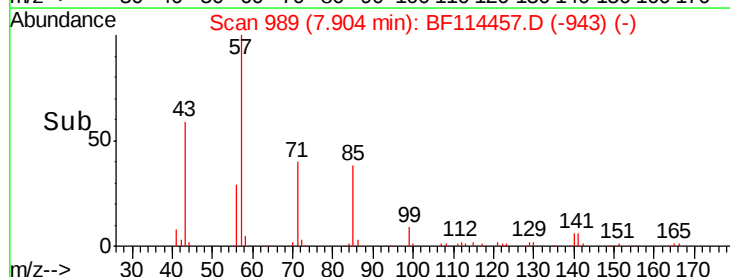
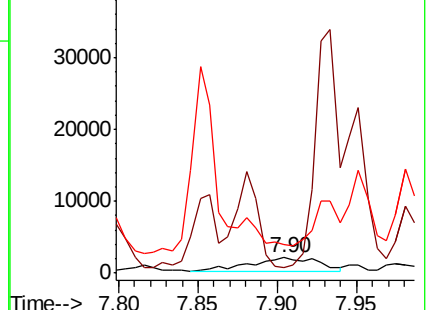
77 180.0 69.4 109.4#

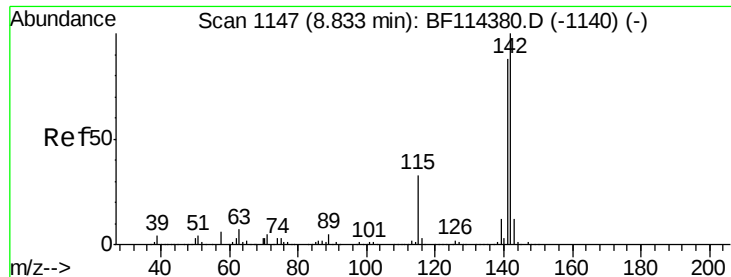


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

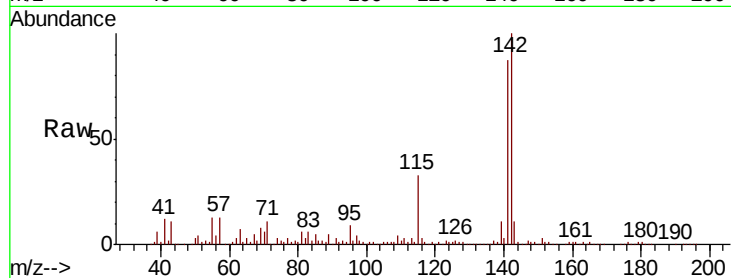




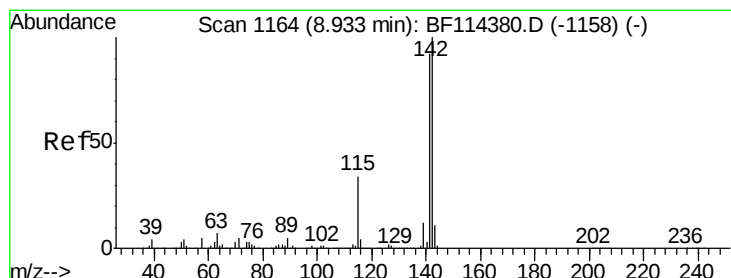
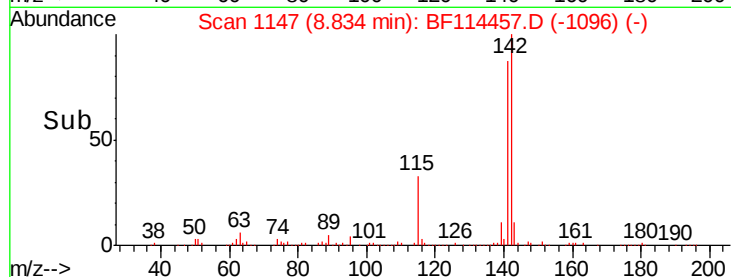
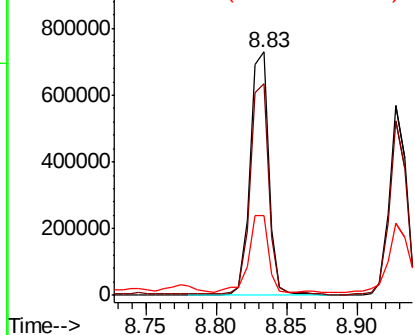
#37
 2-Methylnaphthalene
 Concen: 26.994 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF114457.D
 Acq: 21 May 2019 15:51

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.1	108.1
115	33.0	28.0	42.0

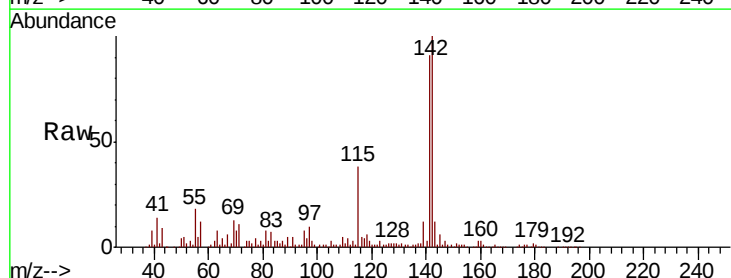


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

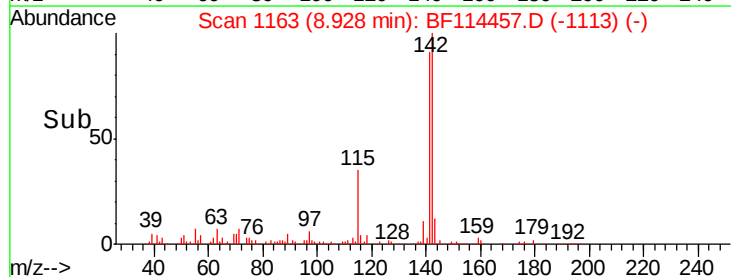
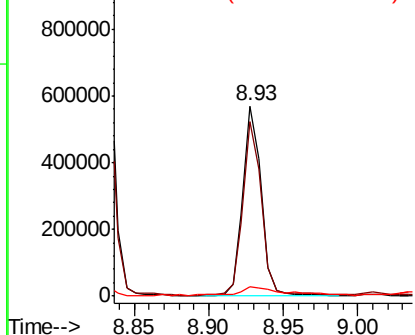


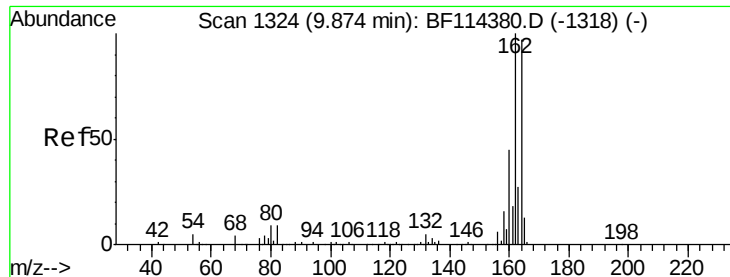
#38
 1-Methylnaphthalene
 Concen: 20.530 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF114457.D
 Acq: 21 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.0
116	4.6	3.1	4.7



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

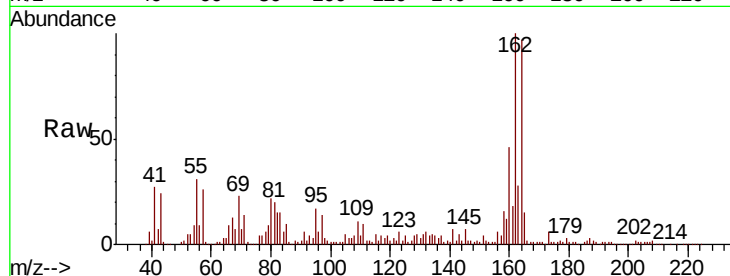




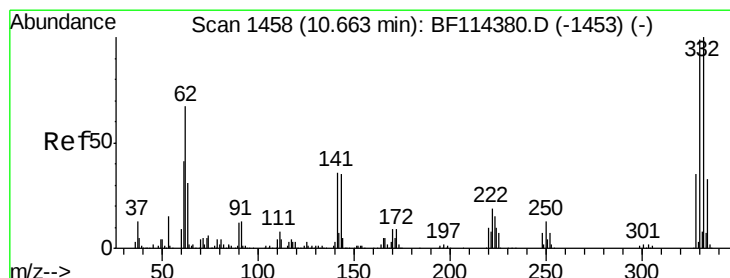
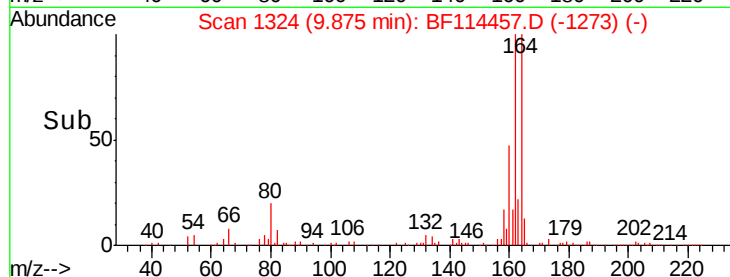
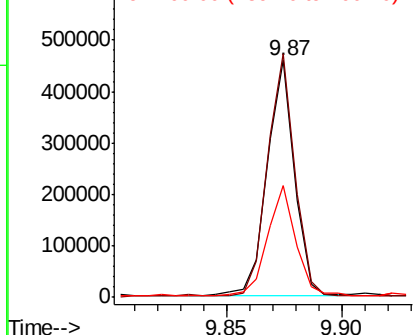
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF114457.D
Acq: 21 May 2019 15:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	46.9	36.5	54.7

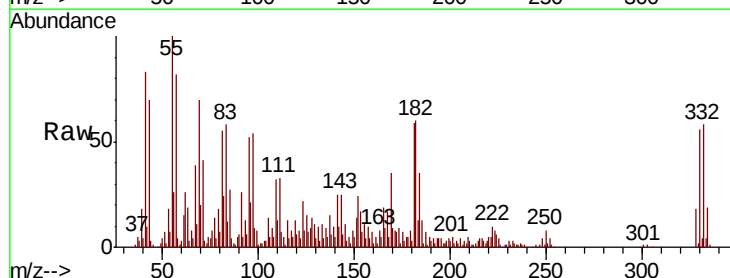


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

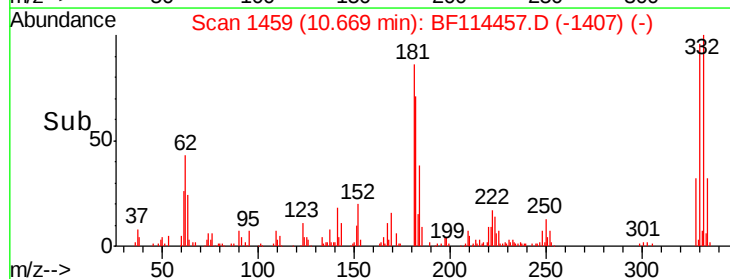
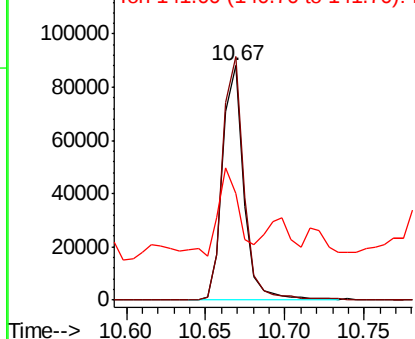


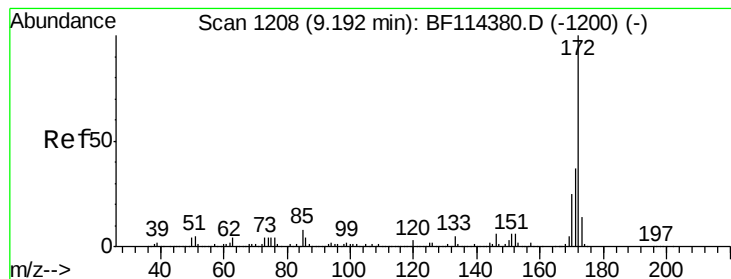
#42
2,4,6-Tribromophenol
Concen: 21.036 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF114457.D
Acq: 21 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	105.4	81.4	122.2
141	29.0	26.6	40.0



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: 19.584 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampleId :

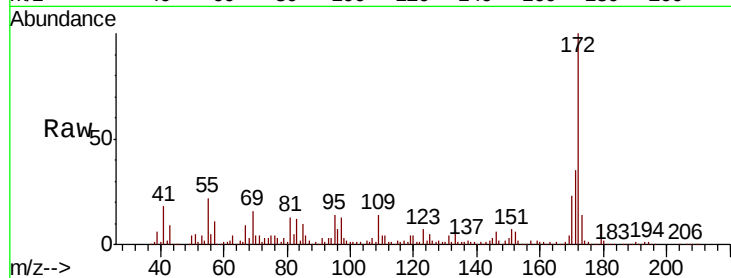
Tot Ion:172 Resp: 488089

Ion Ratio Lower Upper

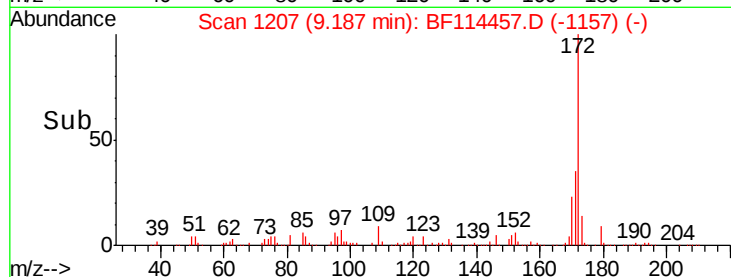
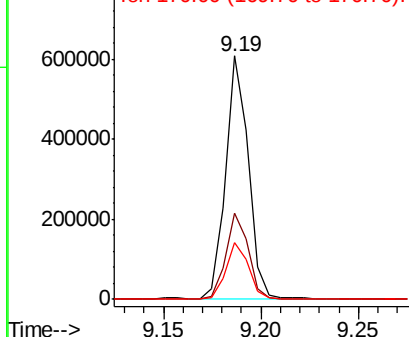
172 100

171 35.4 30.7 46.1

170 23.2 20.5 30.7



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



#50

Dimethylphthalate

Concen: 2.591 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

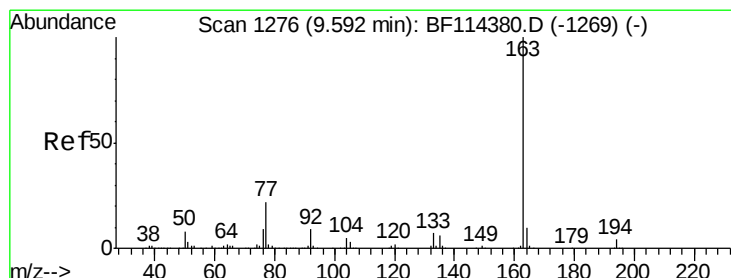
Tgt Ion:163 Resp: 71695

Ion Ratio Lower Upper

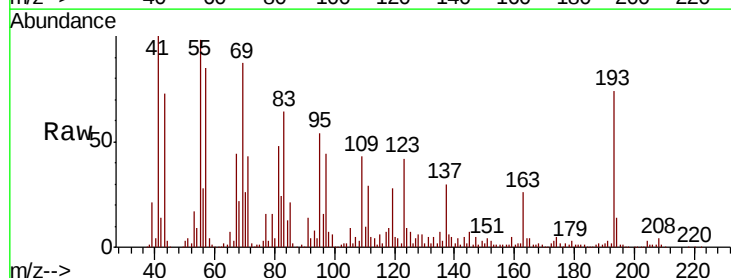
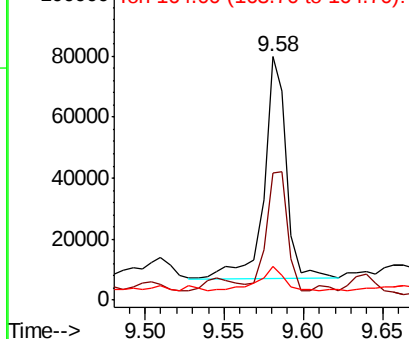
163 100

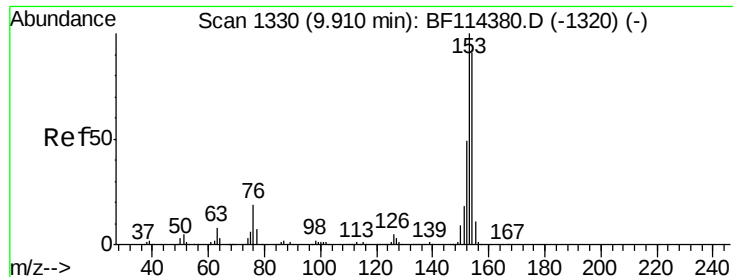
194 52.2 3.4 5.0#

164 13.8 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: 15.923 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampleId :

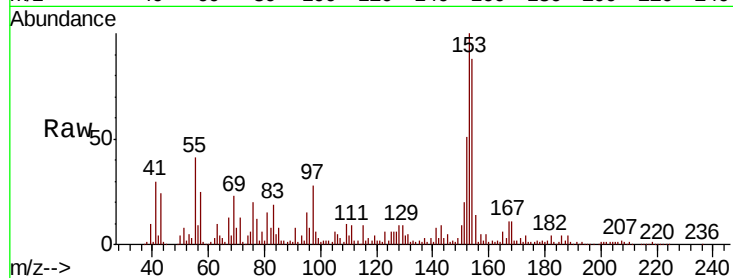
Tot Ion:154 Resp: 364253

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

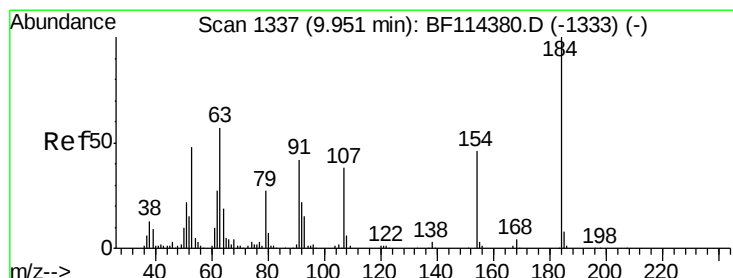
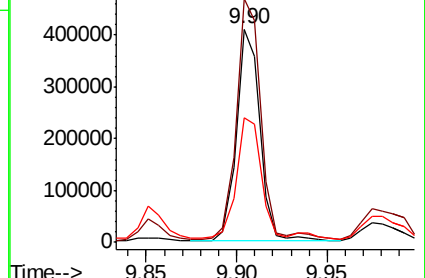
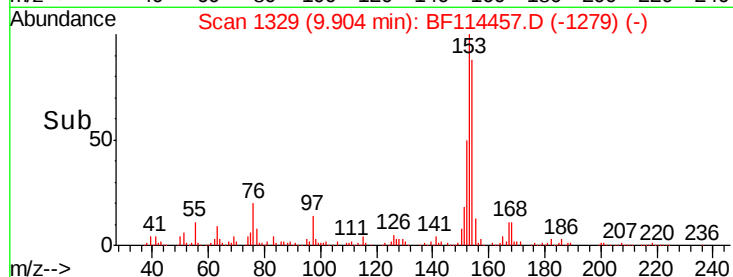
152 58.5 43.4 65.2



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



#54

2,4-Dinitrophenol

Concen: 6.993 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

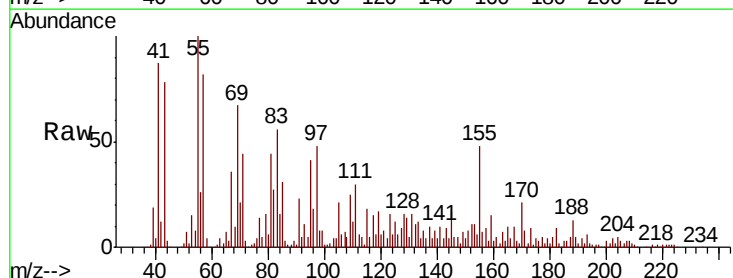
Tgt Ion:184 Resp: 836

Ion Ratio Lower Upper

184 100

63 1097.9 55.6 83.4#

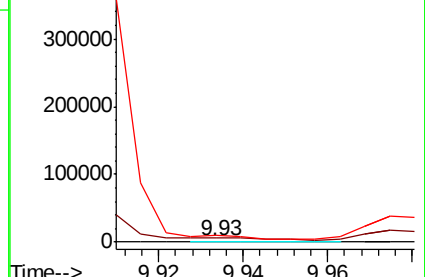
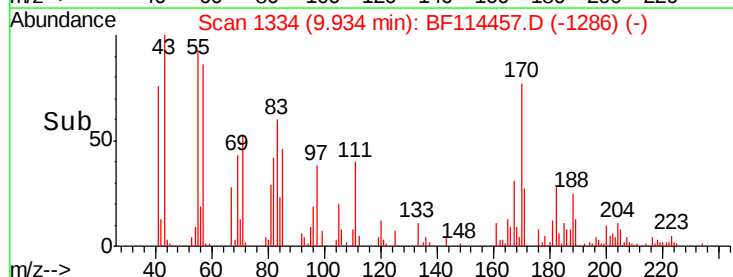
154 1600.2 46.0 69.0#

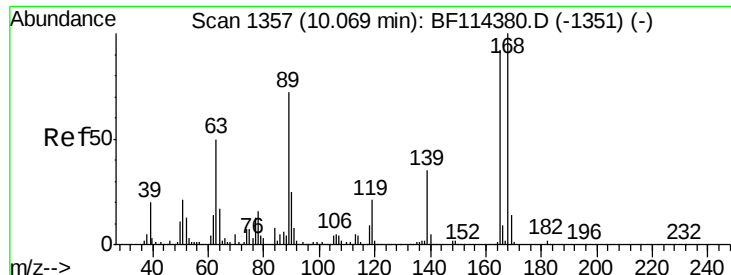


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

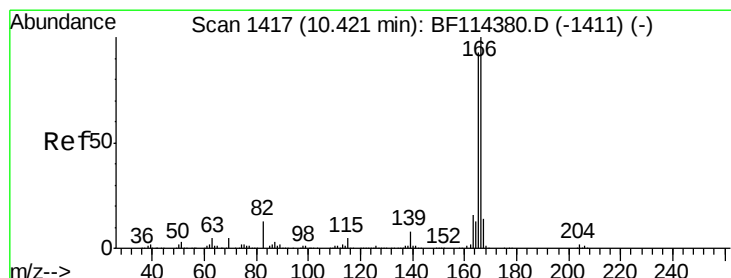
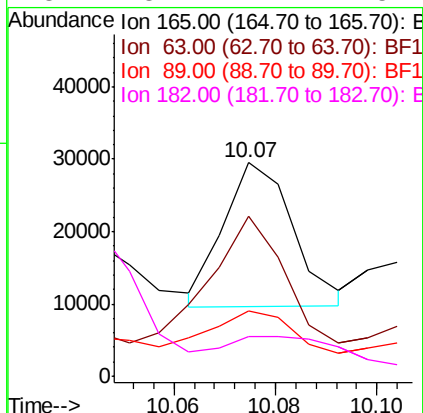
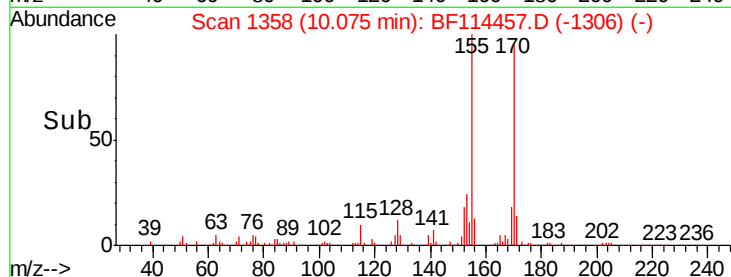
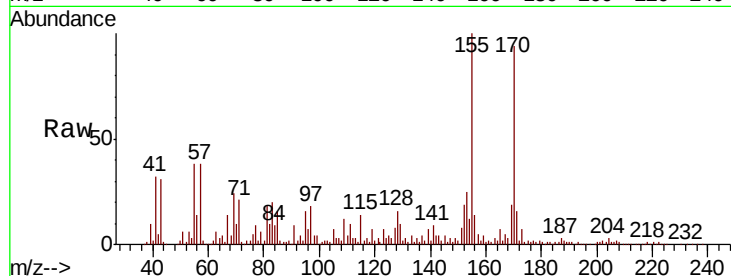




#57
2,4-Dinitrotoluene
Concen: 2.267 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF114457.D
Acq: 21 May 2019 15:51

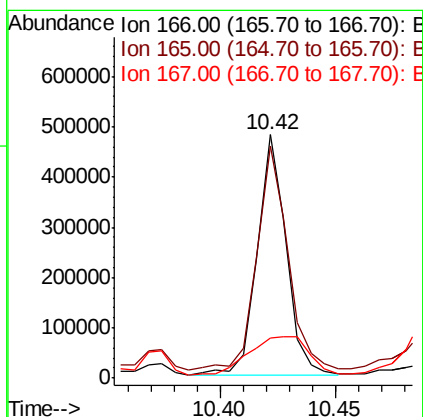
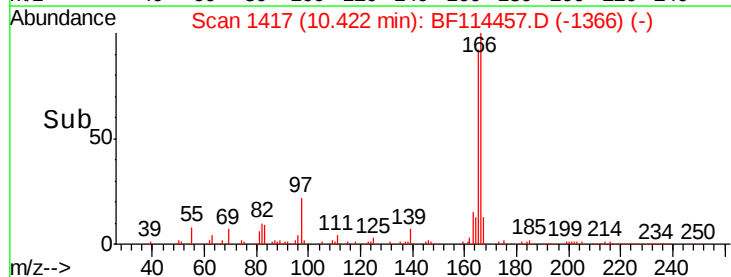
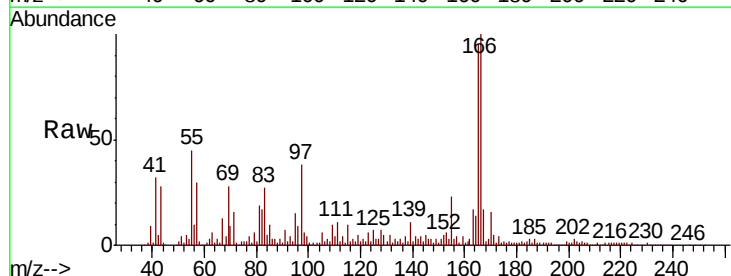
Instrument :
BNA_E
ClientSampleId :

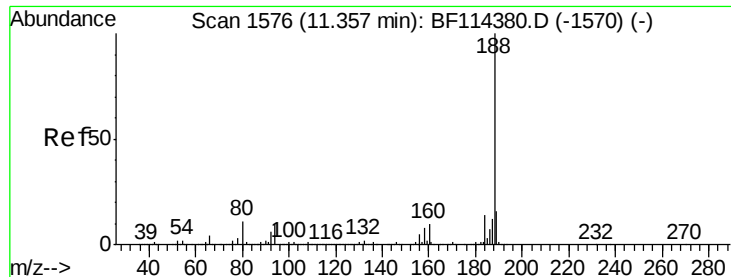
Tot Ion:165 Resp: 18884
Ion Ratio Lower Upper
165 100
63 75.2 35.5 53.3#
89 30.5 55.2 82.8#
182 18.4 2.2 3.2#



#58
Fluorene
Concen: 16.117 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF114457.D
Acq: 21 May 2019 15:51

Tgt Ion:166 Resp: 417579
Ion Ratio Lower Upper
166 100
165 95.2 76.1 114.1
167 16.5 11.1 16.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampleId :

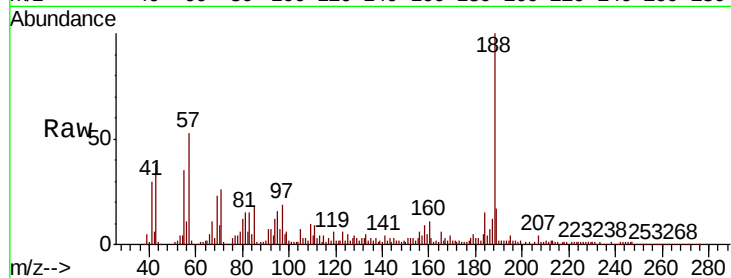
Tot Ion:188 Resp: 619585

Ion Ratio Lower Upper

188 100

94 12.0 8.4 12.6

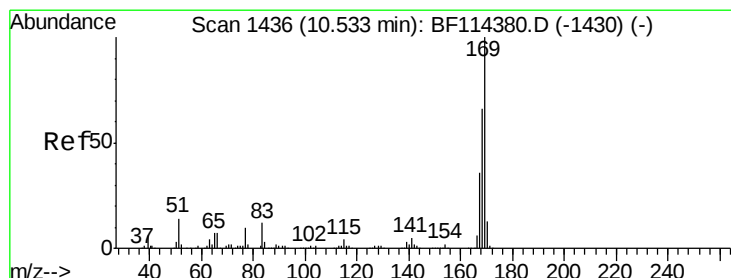
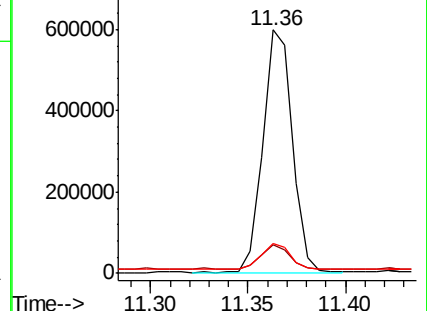
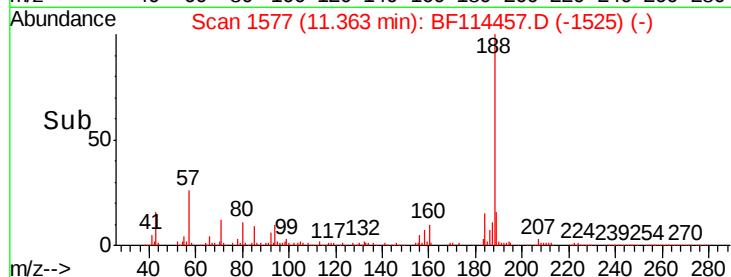
80 12.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

n-Nitrosodiphenylamine

Concen: 7.326 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

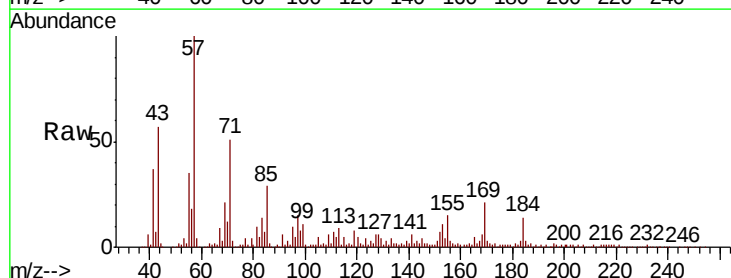
Tgt Ion:169 Resp: 137764

Ion Ratio Lower Upper

169 100

168 29.0 54.2 81.2#

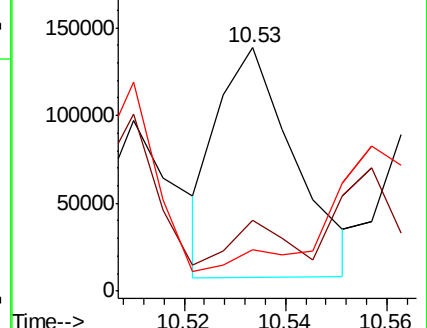
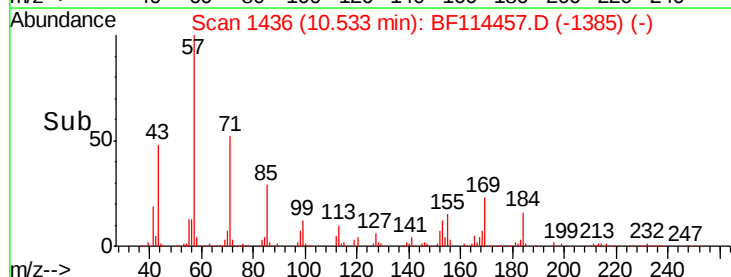
167 16.9 29.8 44.8#

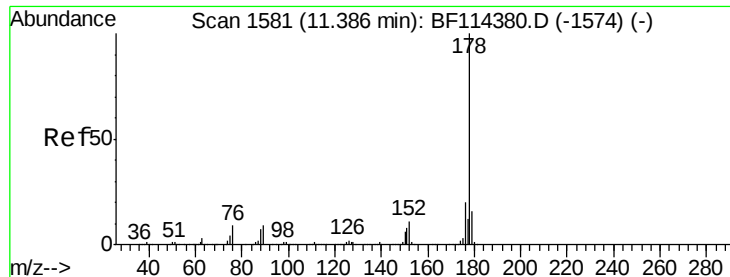


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 74.158 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampleId :

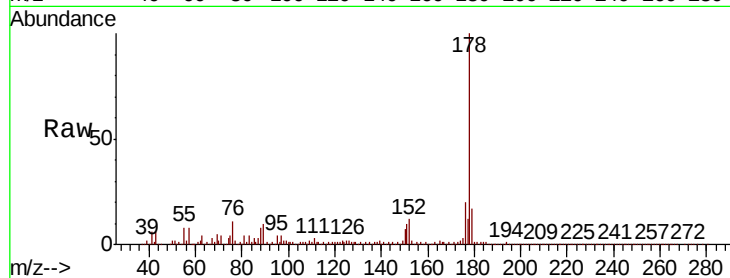
Tot Ion:178 Resp: 2235380

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

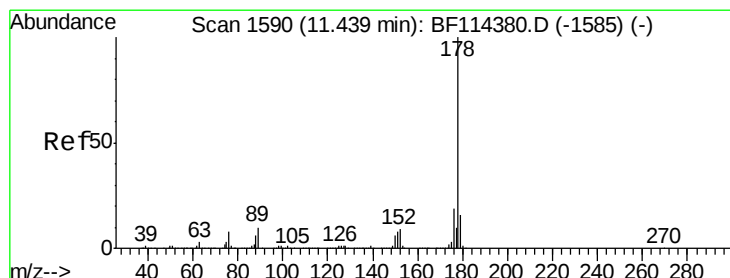
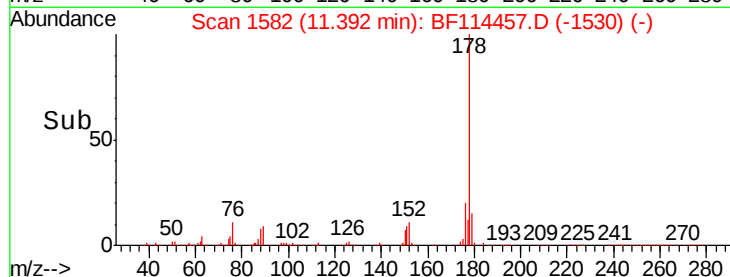
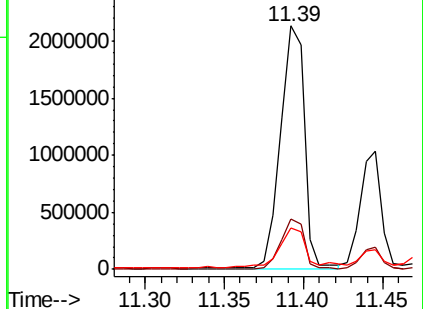
179 17.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 29.877 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

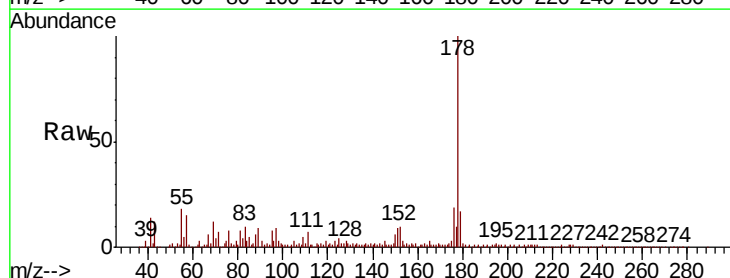
Tgt Ion:178 Resp: 904577

Ion Ratio Lower Upper

178 100

176 18.5 15.8 23.8

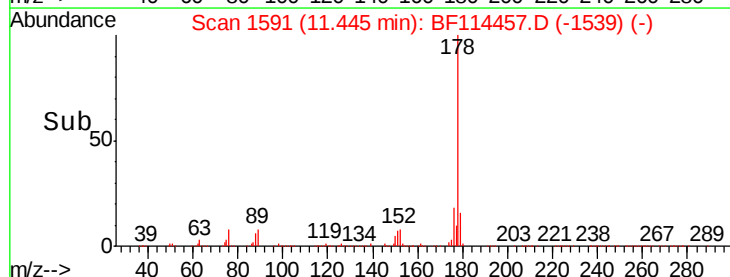
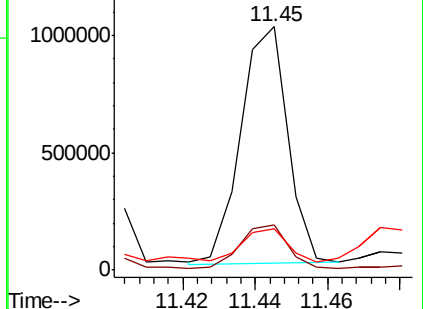
179 16.8 13.0 19.4

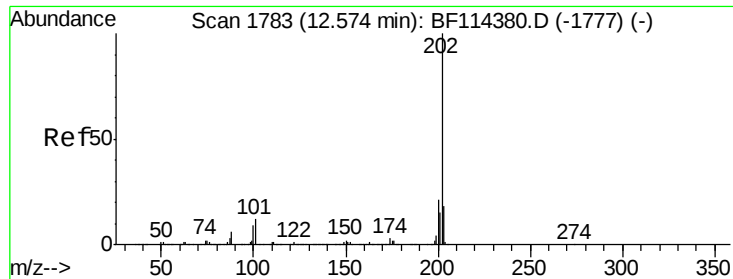


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 72.142 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.02 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampled :

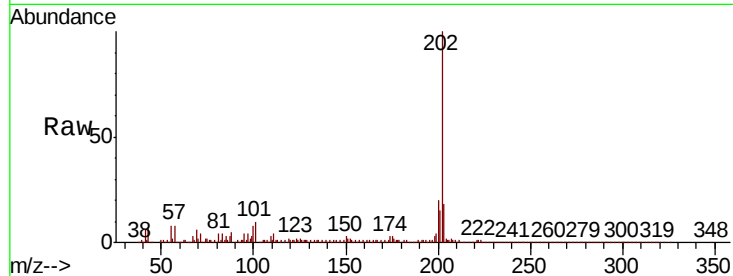
Tot Ion:202 Resp: 2341797

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.0

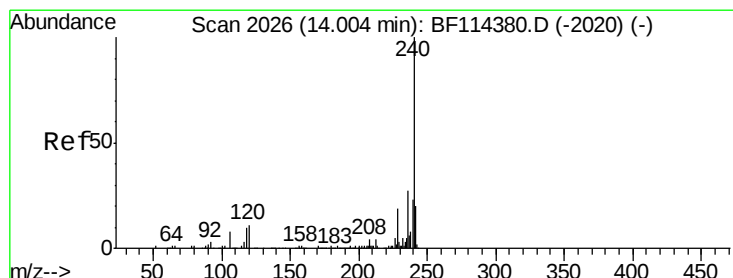
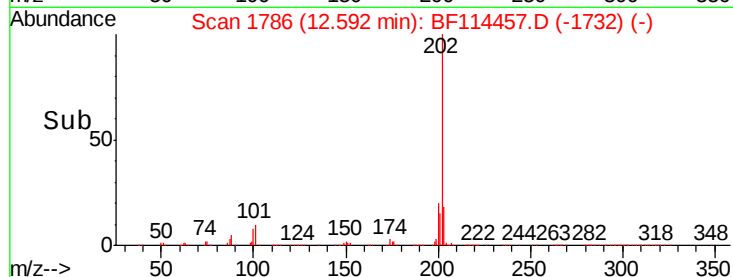
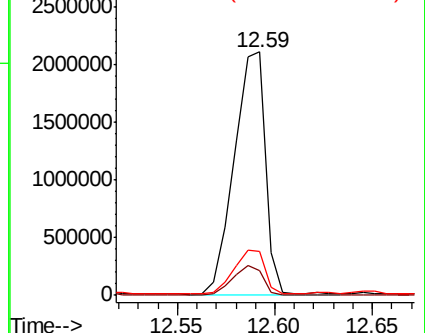
203 18.1 0.0 38.4



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: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

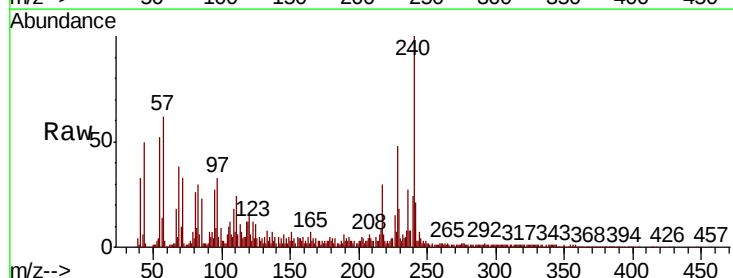
Tgt Ion:240 Resp: 360013

Ion Ratio Lower Upper

240 100

120 16.3 8.3 12.5#

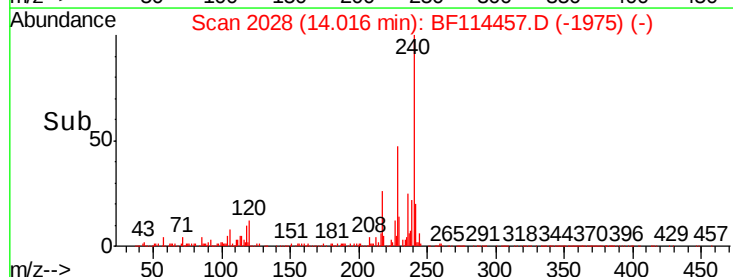
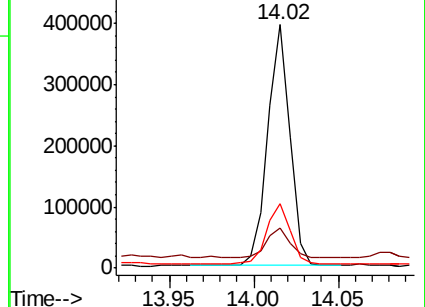
236 26.7 20.8 31.2

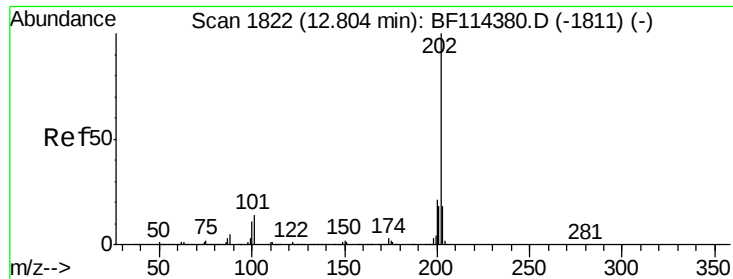


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 70.458 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampleId :

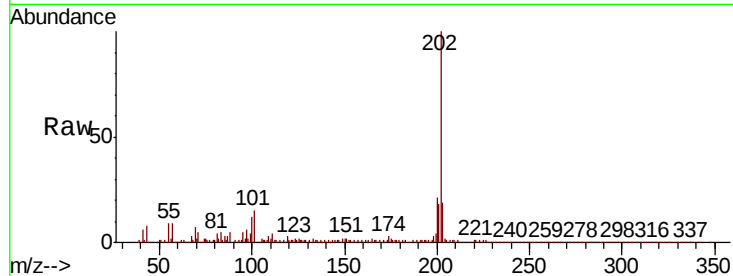
Tot Ion:202 Resp: 2040547

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

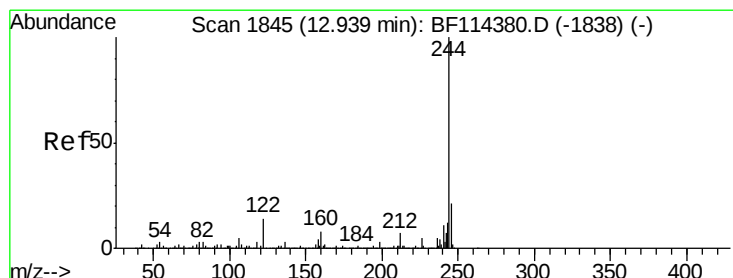
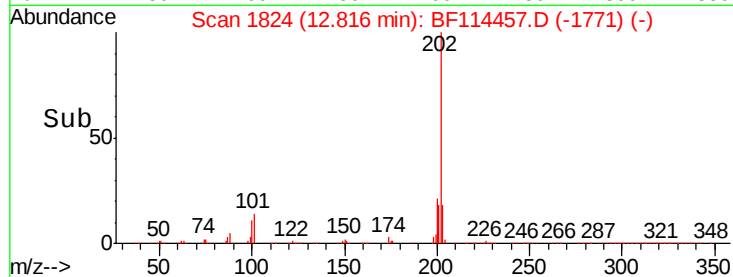
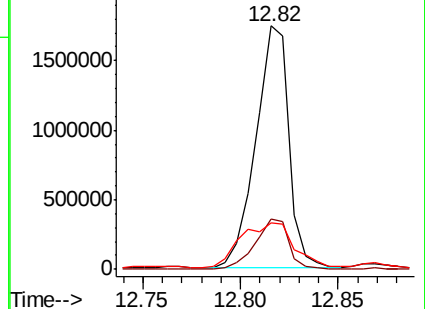
203 19.1 14.5 21.7



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: 18.717 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

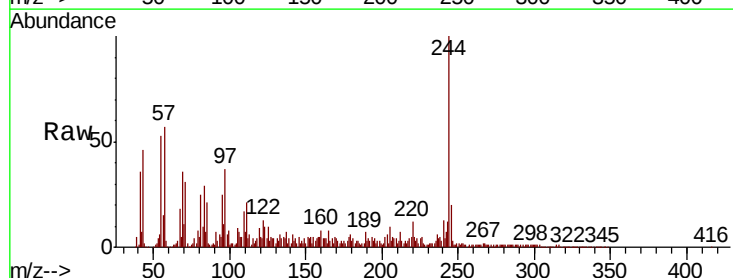
Tgt Ion:244 Resp: 326880

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

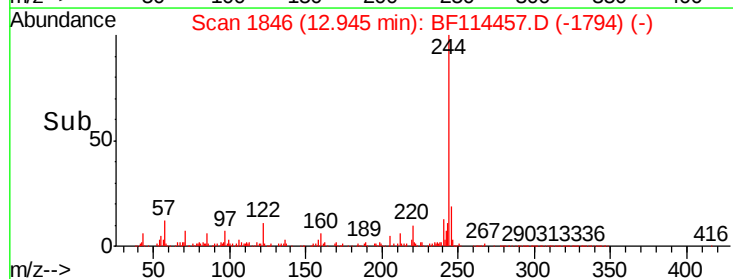
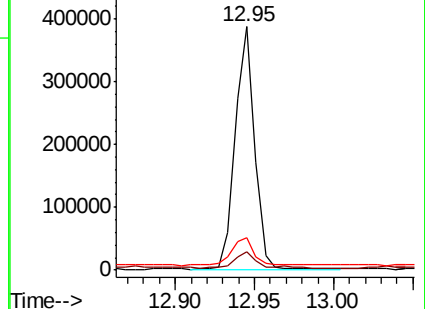
122 13.3 9.4 14.2

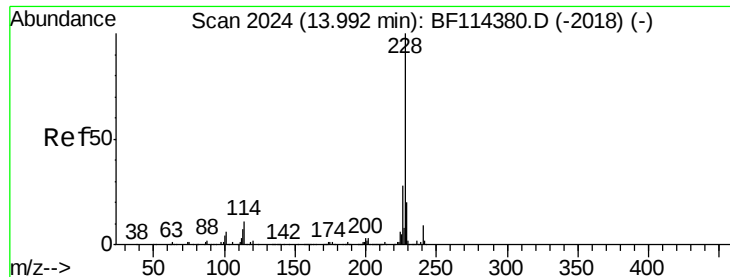


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

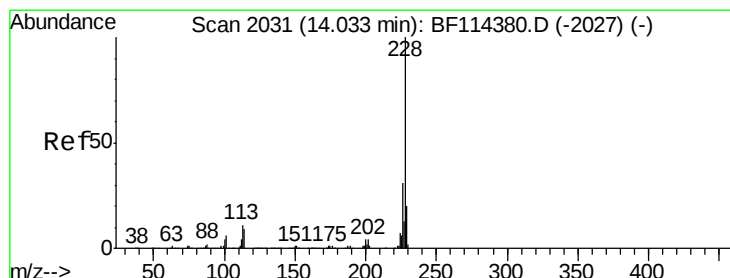
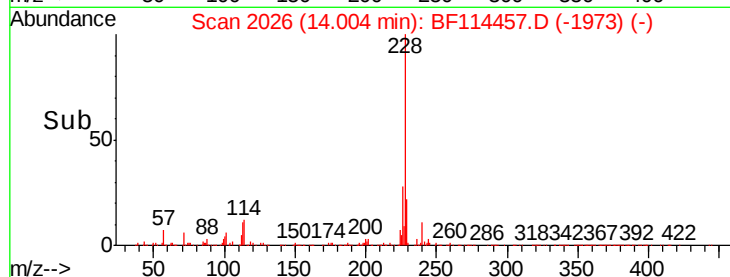
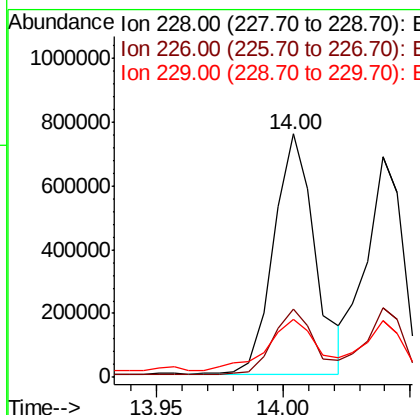
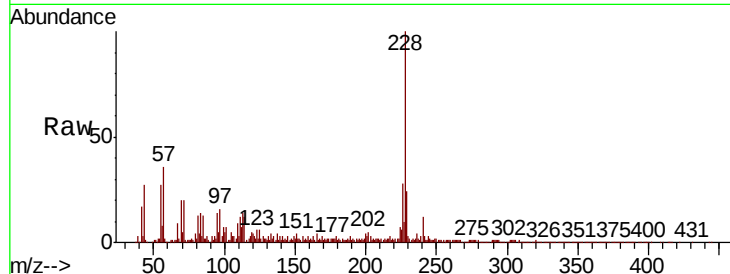




#81
Benzo(a)anthracene
Concen: 36.728 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF114457.D
Acq: 21 May 2019 15:51

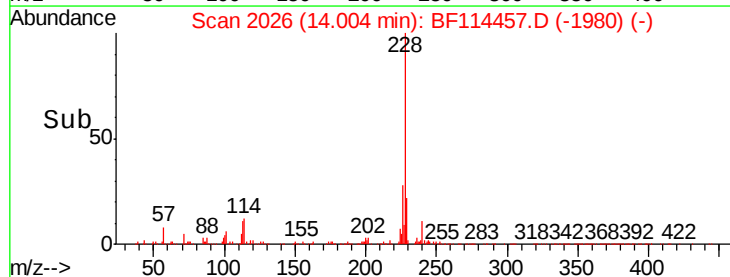
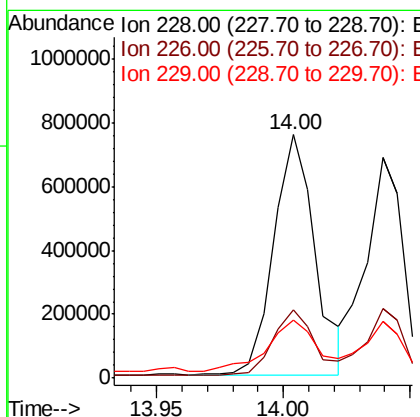
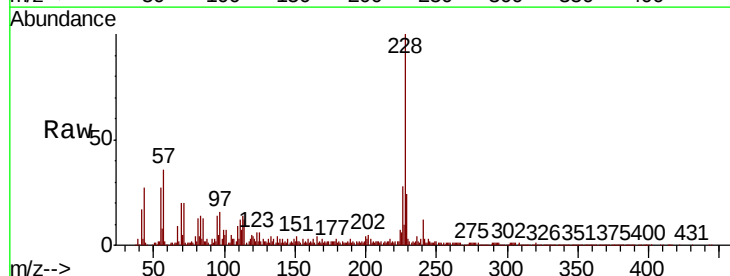
Instrument :
BNA_E
ClientSampleId :

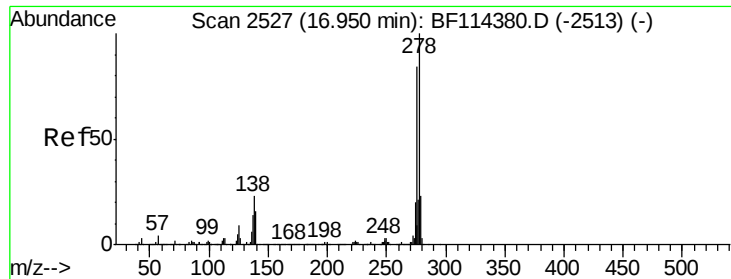
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.2
229	23.7	16.4	24.6



#83
Chrysene
Concen: 37.467 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF114457.D
Acq: 21 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.0	37.6
229	23.7	17.0	25.6





#86

Indeno(1,2,3-cd)pyrene

Concen: 7.057 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.03 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampleId :

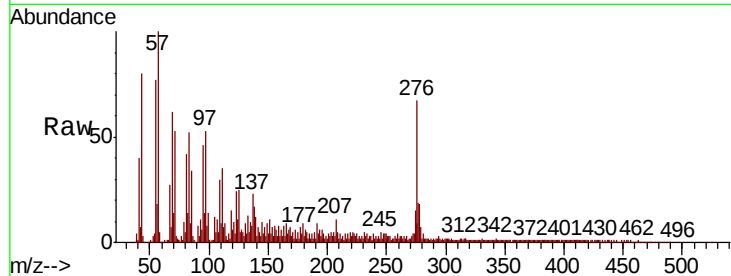
Tot Ion:276 Resp: 142358

Ion Ratio Lower Upper

276 100

138 20.9 20.2 30.2

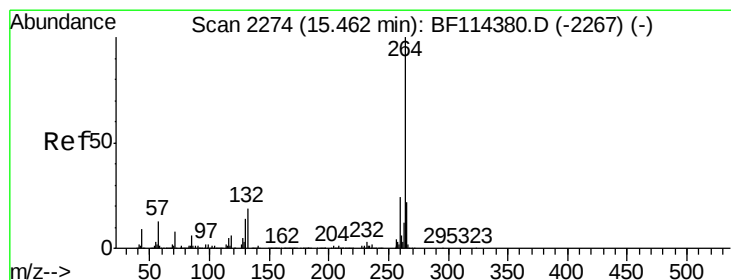
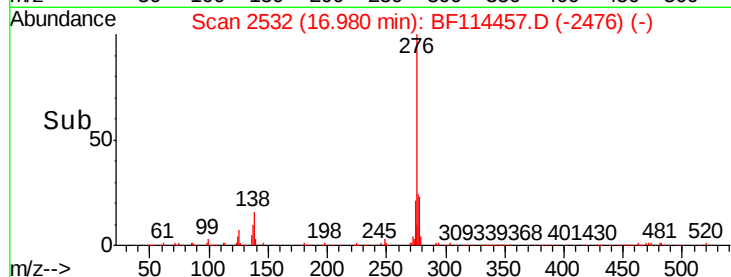
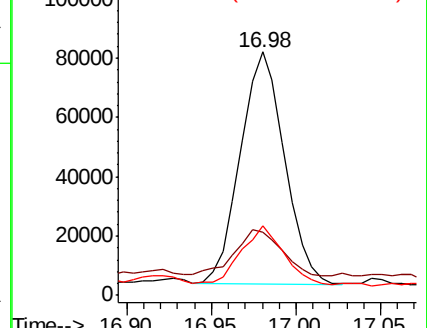
277 25.3 20.0 30.0



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: 15.50 min Scan# 2280

Delta R.T. 0.04 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

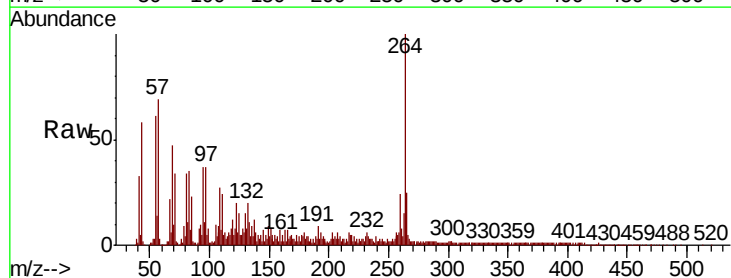
Tgt Ion:264 Resp: 366990

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

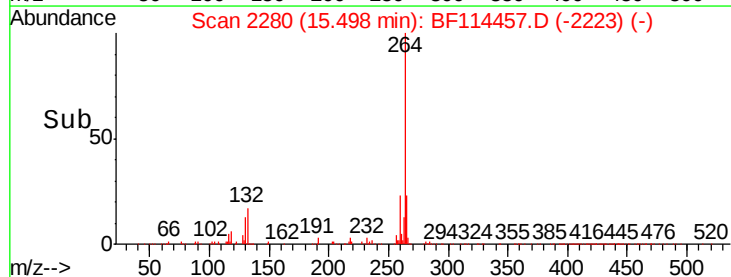
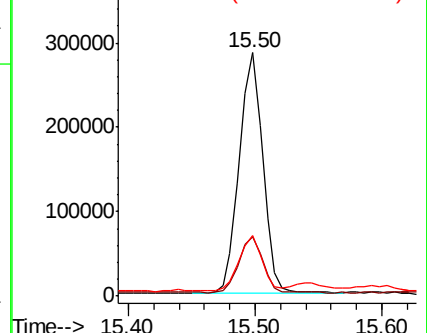
265 24.7 16.9 25.3

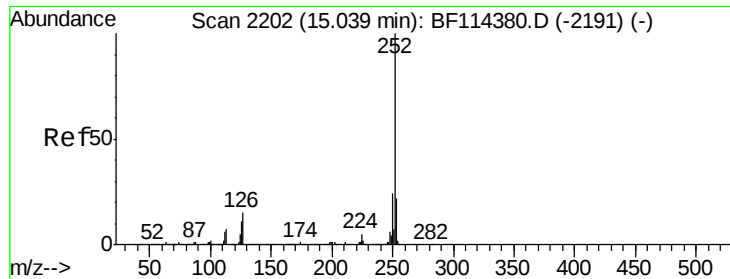


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

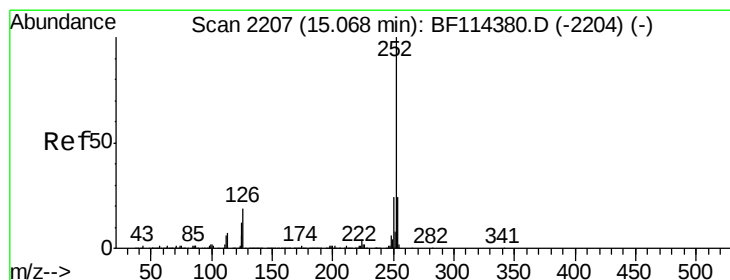
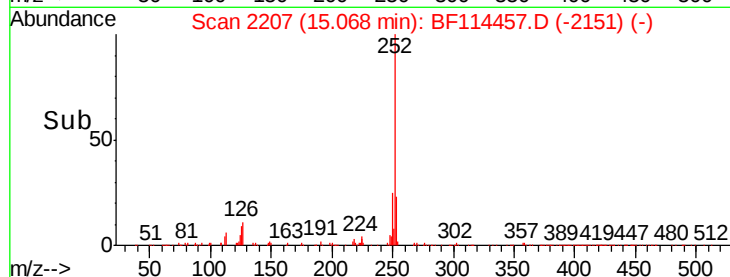
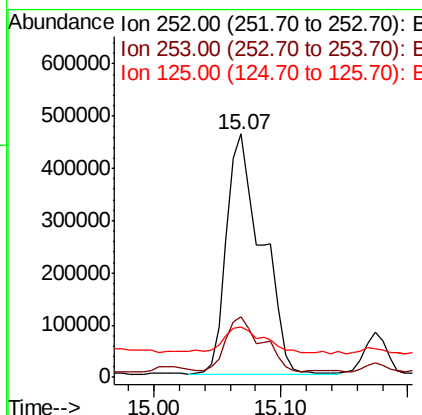
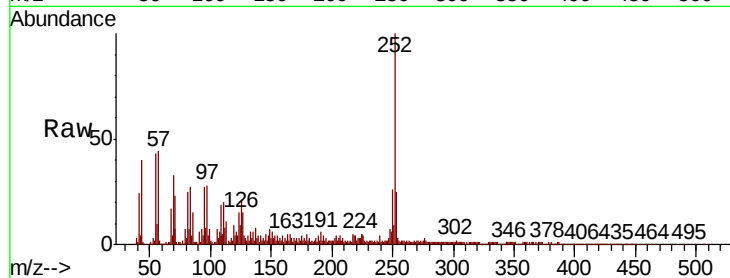




#88
Benzo(b)fluoranthene
Concen: 37.909 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.03 min
Lab File: BF114457.D
Acq: 21 May 2019 15:51

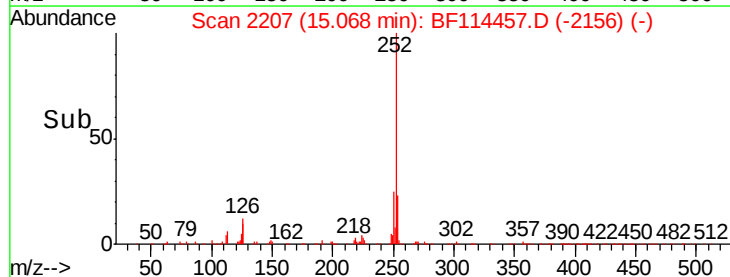
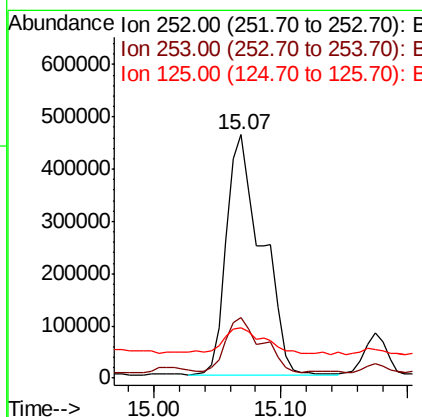
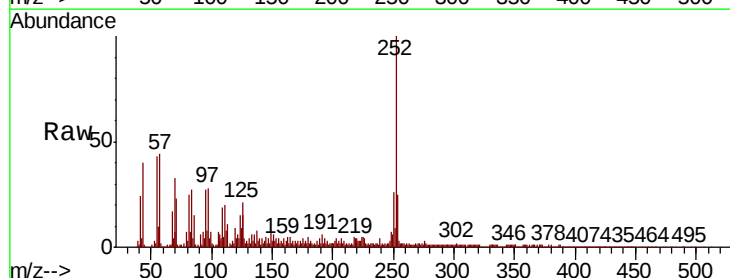
Instrument :
BNA_E
ClientSampleId :

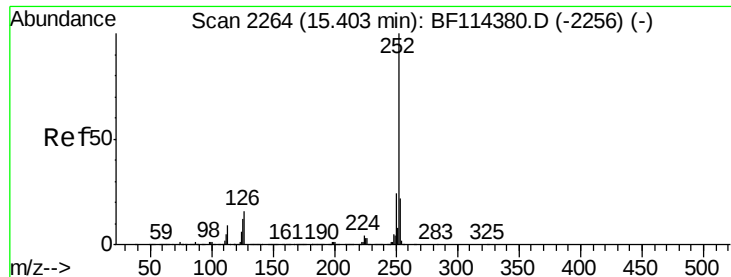
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	20.9	8.3	12.5



#89
Benzo(k)fluoranthene
Concen: 41.269 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF114457.D
Acq: 21 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	20.9	8.6	13.0





#90

Benzo(a)pyrene

Concen: 21.315 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.03 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

Instrument :

BNA_E

ClientSampled :

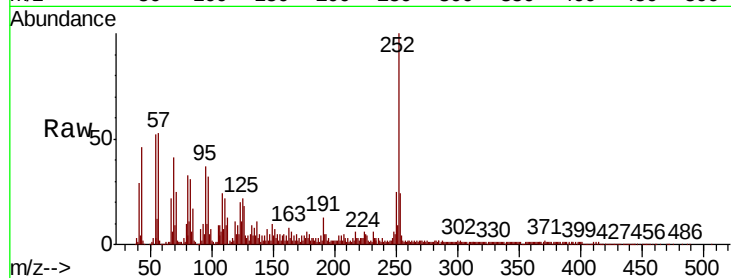
Tot Ion:252 Resp: 441055

Ion Ratio Lower Upper

252 100

253 24.4 18.1 27.1

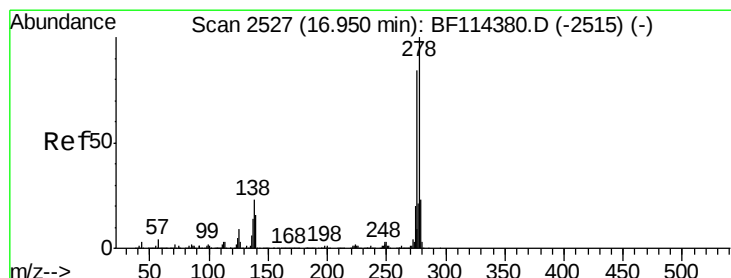
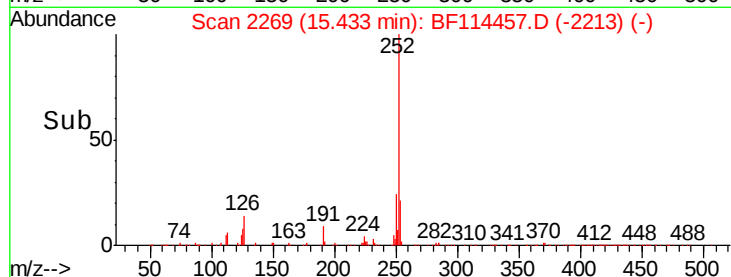
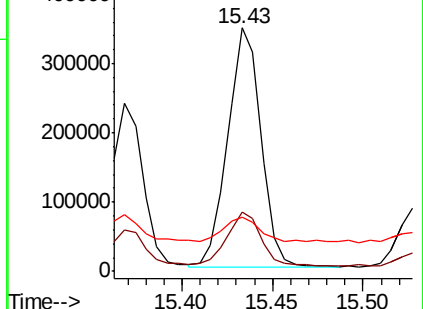
125 22.3 9.5 14.3#



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: 2.504 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.03 min

Lab File: BF114457.D

Acq: 21 May 2019 15:51

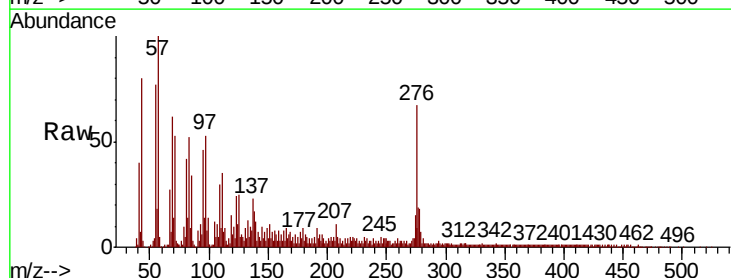
Tgt Ion:278 Resp: 43048

Ion Ratio Lower Upper

278 100

139 64.4 13.5 20.3#

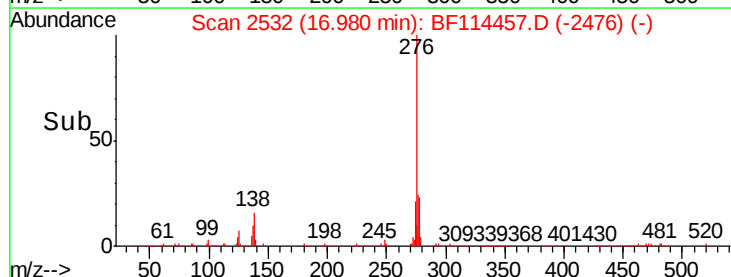
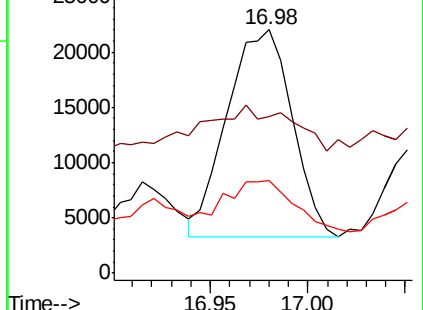
279 37.9 19.0 28.6#

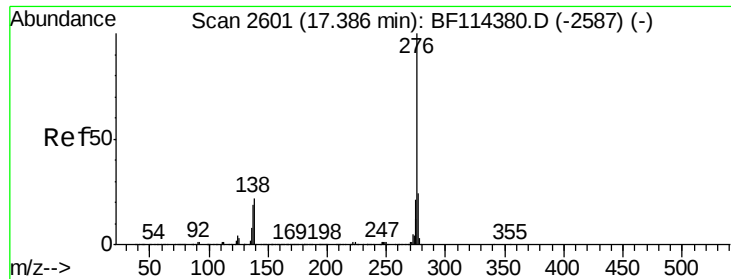


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

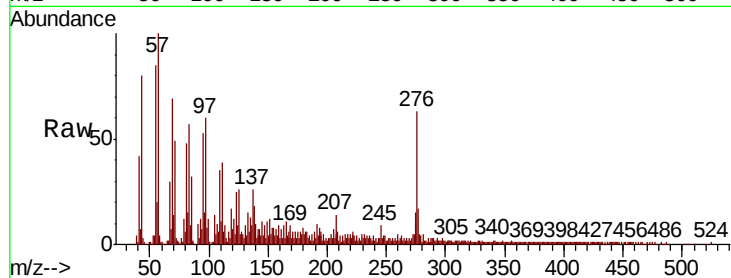




#92
 Benzo(a,h,i)perylene
 Concen: 7.277 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.05 min
 Lab File: BF114457.D
 Acq: 21 May 2019 15:51

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.0	28.4
138	27.8	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

