

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114214.D
 Acq On : 13 May 2019 1:40
 Operator : JU/SJ
 Sample : K2764-16DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0002-01DL

Quant Time: May 13 07:51:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	272943	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1041925	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	474322	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	837676	20.00	ng	0.00
76) Chrysene-d12	14.02	240	593197	20.00	ng	0.00
87) Perylene-d12	15.49	264	622731	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	790646	46.62	ng	0.00
7) Phenol-d6	6.49	99	1052791	52.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	639106	34.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	211102	43.05	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	947782	30.23	ng	0.00
79) Terphenyl-d14	12.95	244	715263	24.86	ng	0.00

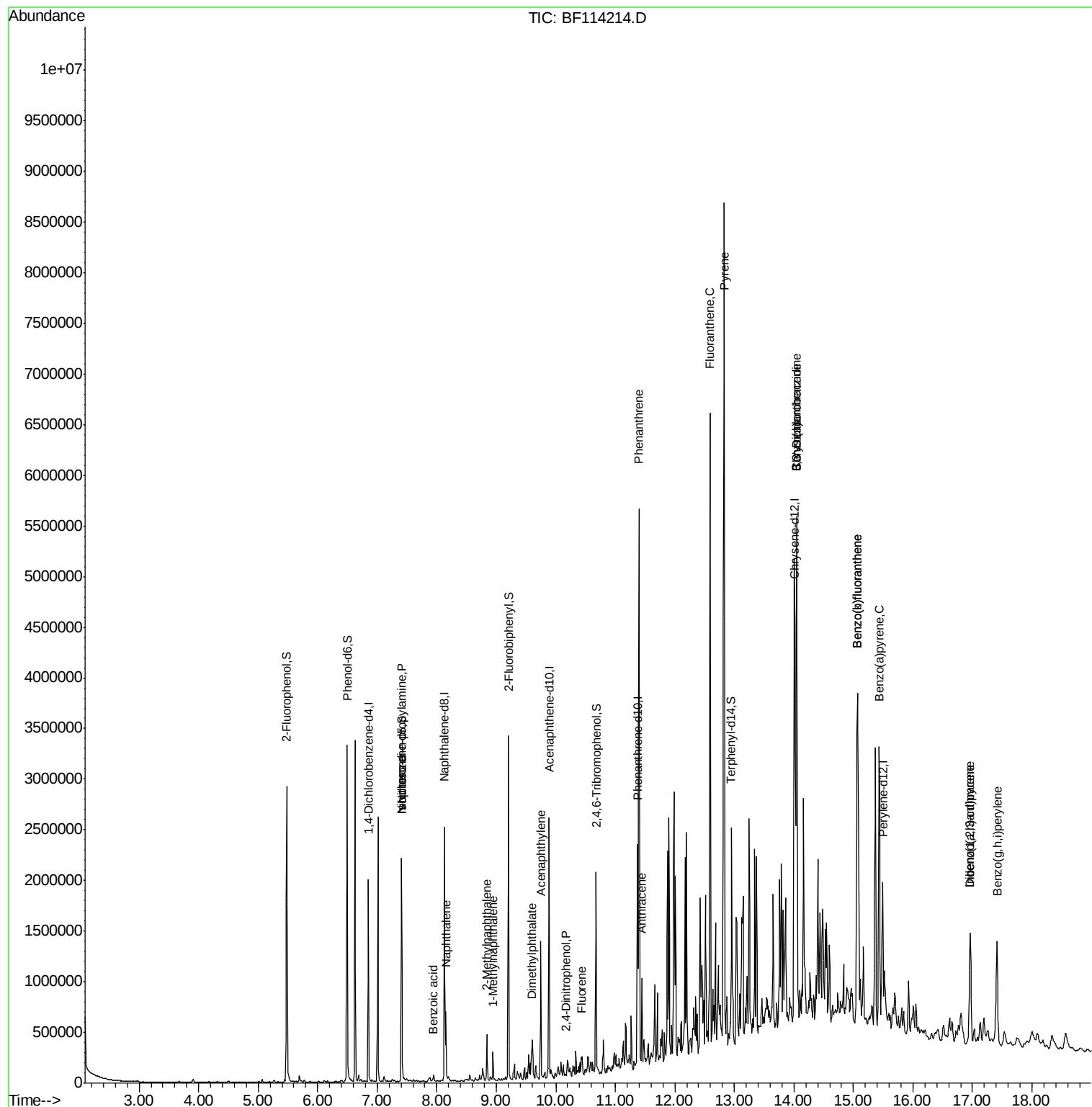
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	83168	6.541	ng	# 78
25) Isophorone	7.41	82	636603	18.488	ng	# 64
31) Naphthalene	8.15	128	287959	5.917	ng	# 97
32) Benzoic acid	7.93	122	1948	7.183	ng	# 62
37) 2-Methylnaphthalene	8.85	142	111330	3.545	ng	# 96
38) 1-Methylnaphthalene	8.95	142	71021	2.402	ng	# 99
49) Acenaphthylene	9.75	152	536109	11.430	ng	# 97
50) Dimethylphthalate	9.60	163	105965	3.043	ng	# 99
54) 2,4-Dinitrophenol	10.17	184	430	6.847	ng	# 92
58) Fluorene	10.43	166	67980	2.085	ng	# 98
71) Phenanthrene	11.40	178	2021968	49.614	ng	# 99
72) Anthracene	11.45	178	335131	8.187	ng	# 99
75) Fluoranthene	12.59	202	2593331	59.091	ng	# 96
78) Pyrene	12.83	202	4237601	88.802	ng	# 96
81) Benzo(a)anthracene	14.04	228	1979448	51.592	ng	# 95
82) 3,3'-Dichlorobenzidine	14.04	252	48991	3.292	ng	# 1
83) Chrysene	14.04	228	1979448	52.629	ng	# 99
86) Indeno(1,2,3-cd)pyrene	16.96	276	753777	22.677	ng	# 98
88) Benzo(b)fluoranthene	15.07	252	2448781	61.380	ng	# 98
89) Benzo(k)fluoranthene	15.07	252	2448781	66.819	ng	# 98
90) Benzo(a)pyrene	15.43	252	1185459	33.763	ng	# 100
91) Dibenzo(a,h)anthracene	16.97	278	210159	7.203	ng	# 97
92) Benzo(g,h,i)perylene	17.42	276	867547	29.671	ng	# 98

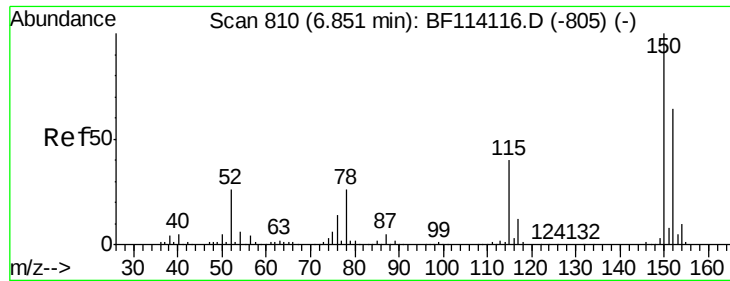
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 10 15:56:46 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01DL

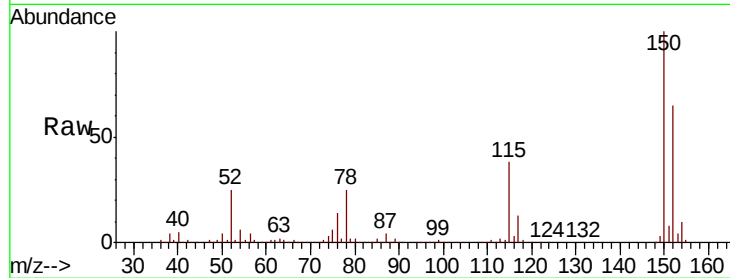
Tgt Ion:152 Resp: 272943

Ion Ratio Lower Upper

152 100

150 154.6 124.3 186.5

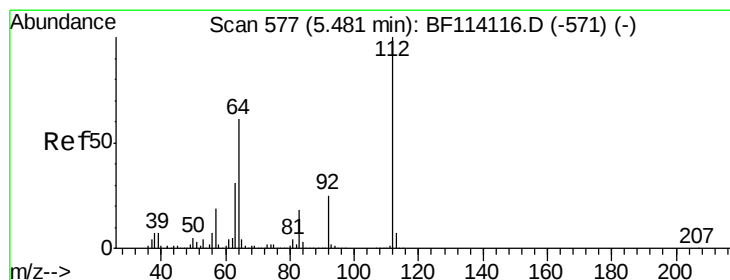
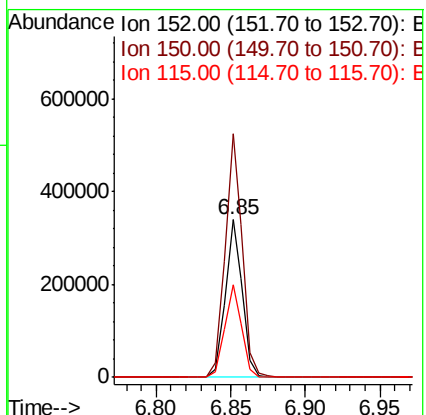
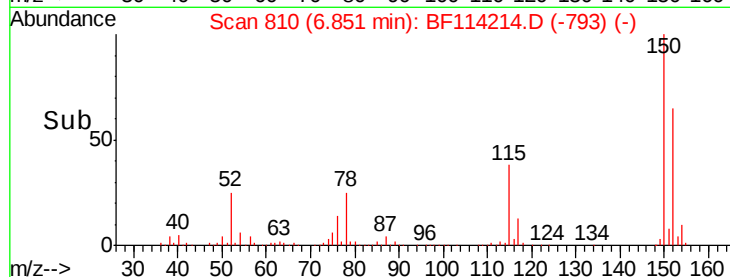
115 59.0 49.1 73.7



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: 46.616 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

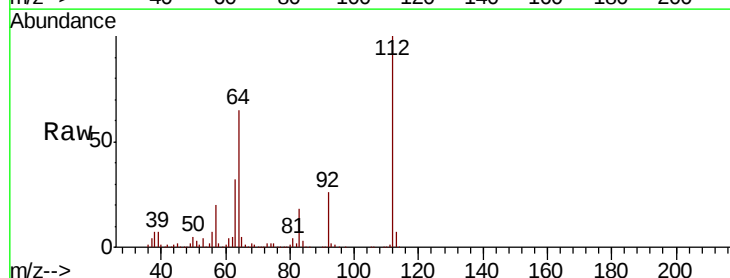
Tgt Ion:112 Resp: 790646

Ion Ratio Lower Upper

112 100

64 65.0 49.0 73.6

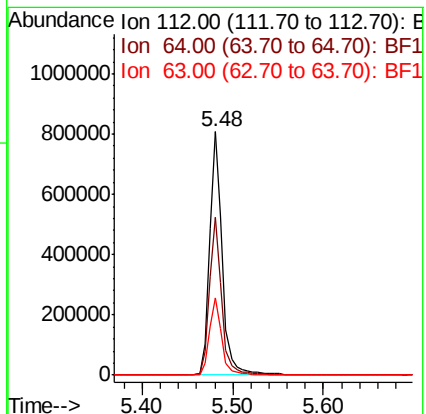
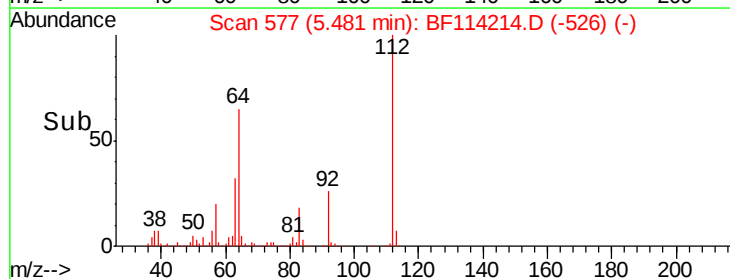
63 31.8 24.6 37.0



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: 52.482 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01DL

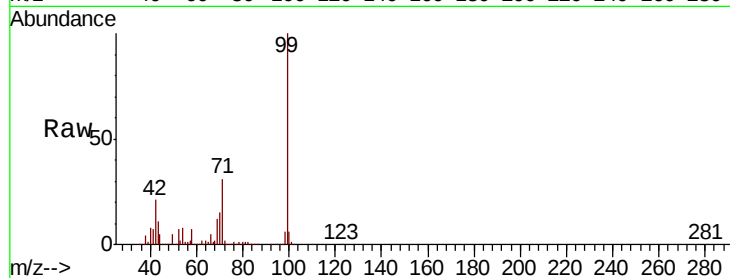
Tgt Ion: 99 Resp: 1052791

Ion Ratio Lower Upper

99 100

42 21.2 17.9 26.9

71 31.5 26.2 39.2

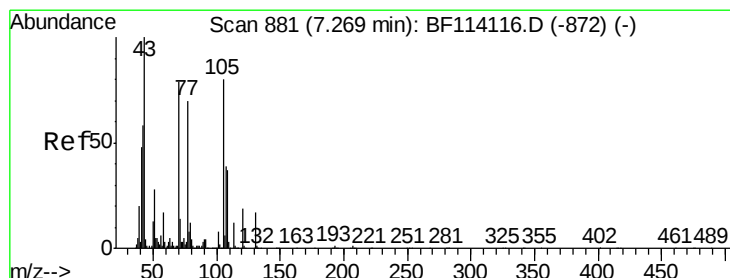
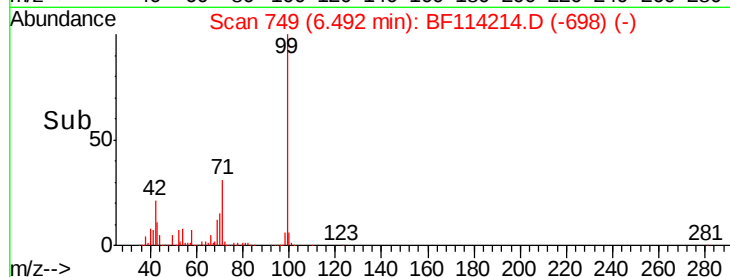
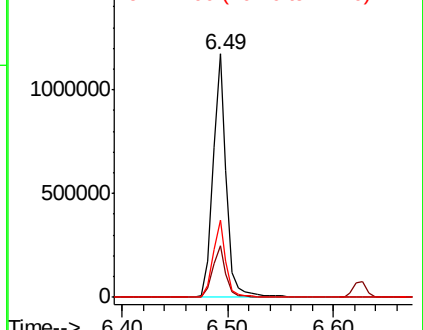


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 6.541 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

Tgt Ion: 70 Resp: 83168

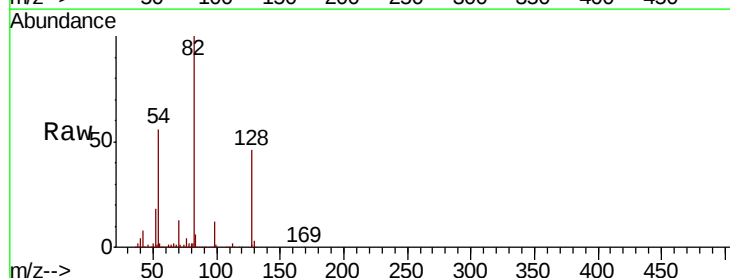
Ion Ratio Lower Upper

70 100

42 59.7 58.6 87.8

101 0.0 7.8 11.8#

130 2.4 17.1 25.7#



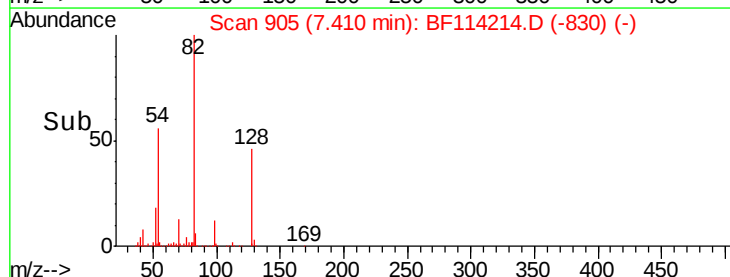
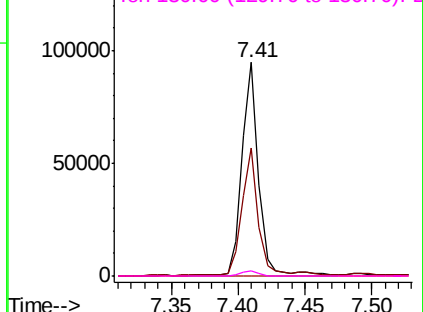
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1

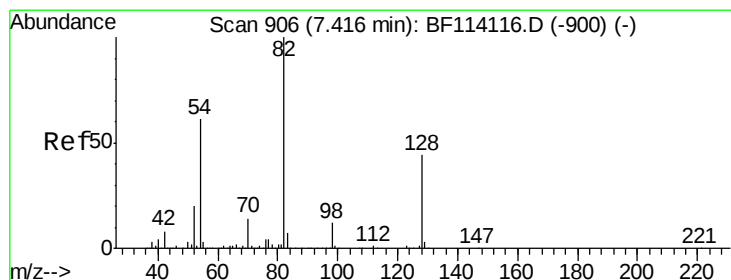
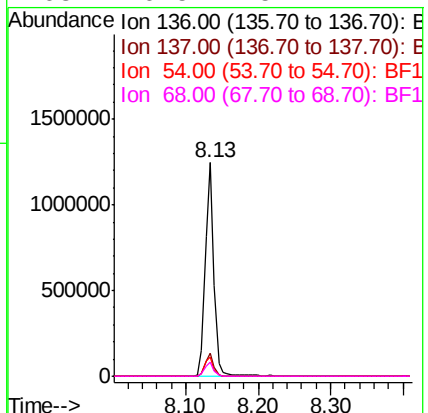
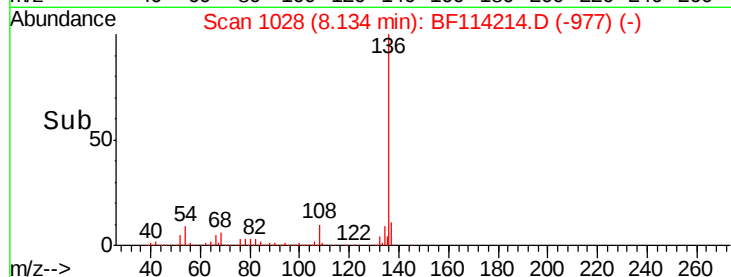
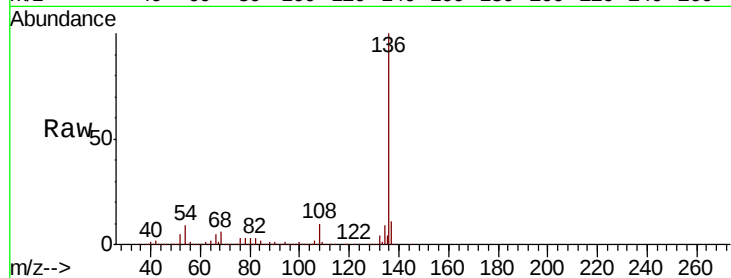




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

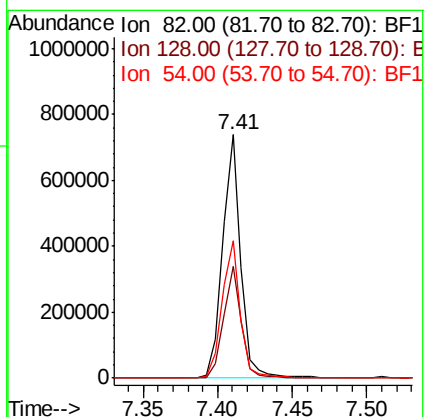
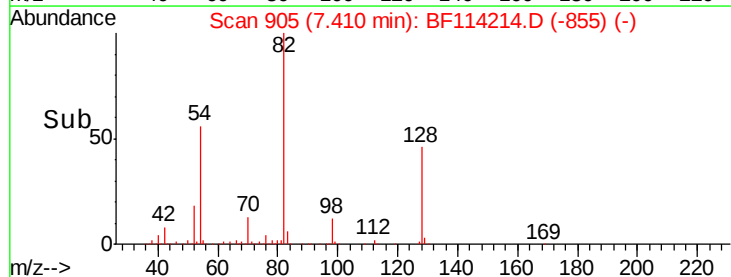
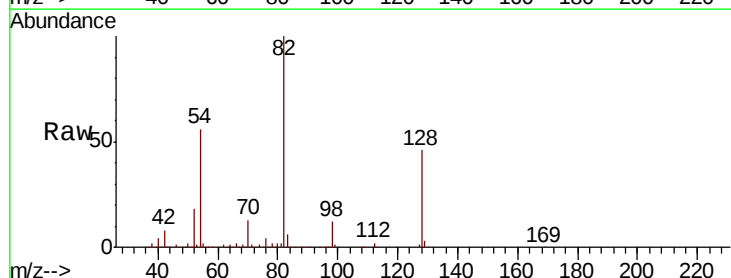
Instrument :
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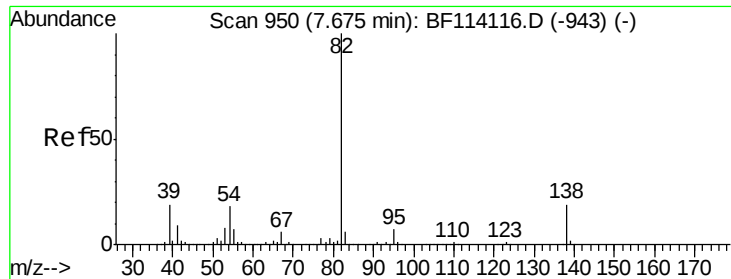
Tgt Ion:	136	Resp:	1041925
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.2	7.8	11.8
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 34.423 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Tgt Ion:	82	Resp:	639106
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.5	53.3
54	56.3	48.5	72.7





#25

Isophorone

Concen: 18.488 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01DL

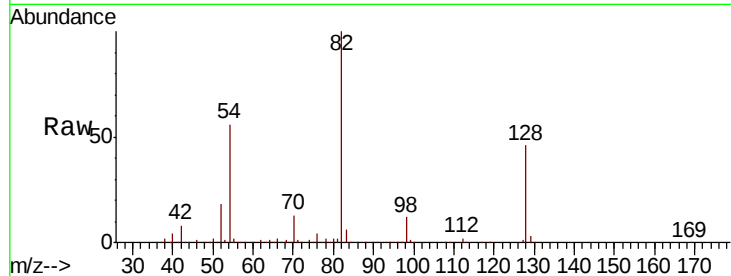
Tgt Ion: 82 Resp: 636603

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

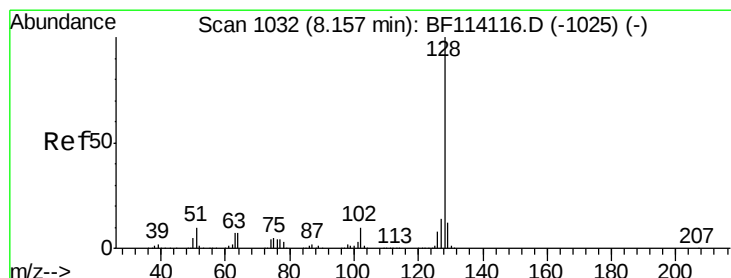
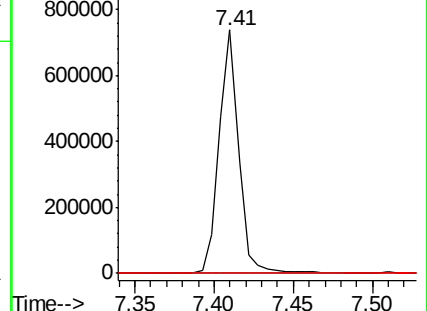
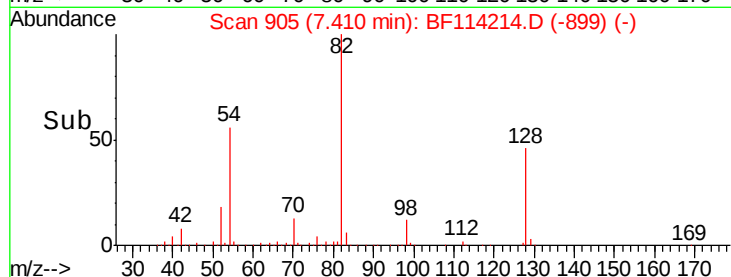
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 5.917 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

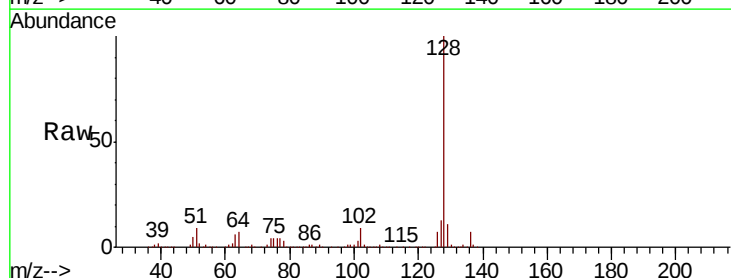
Tgt Ion: 128 Resp: 287959

Ion Ratio Lower Upper

128 100

129 10.8 9.6 14.4

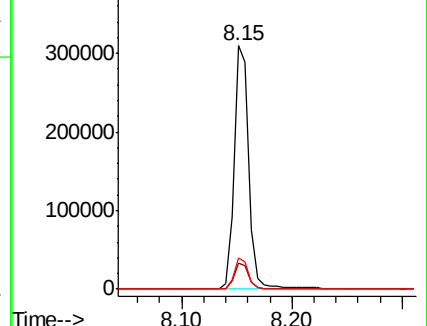
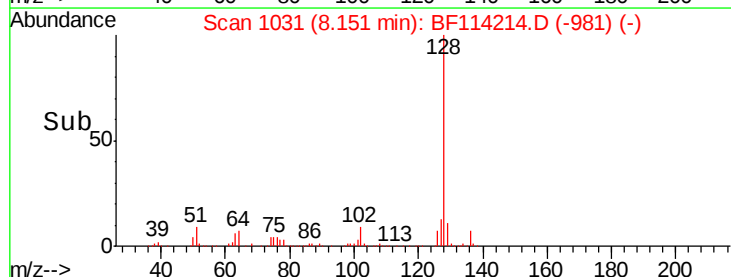
127 12.9 11.3 16.9

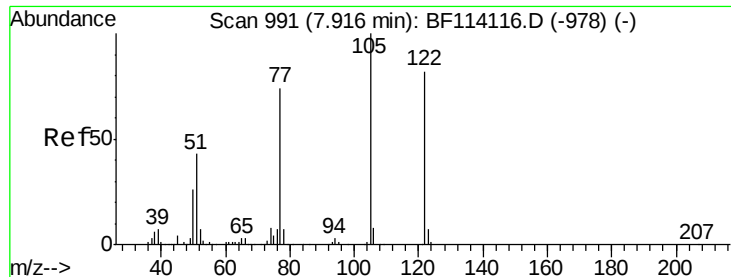


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.183 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.02 min

Lab File: BF114214.D

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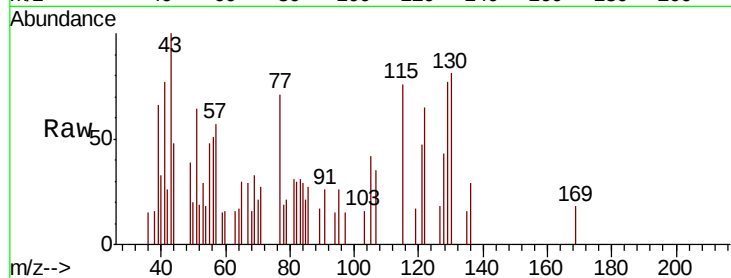
Tgt Ion:122 Resp: 1948

Ion Ratio Lower Upper

122 100

105 64.4 99.9 139.9#

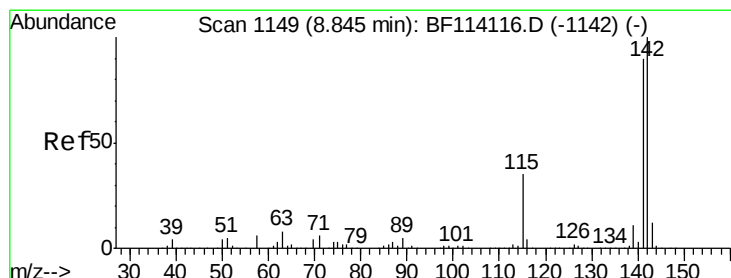
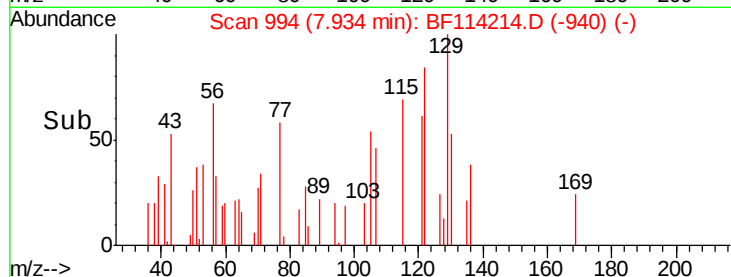
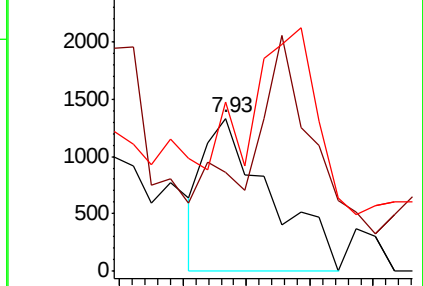
77 110.6 69.4 109.4#



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: 3.545 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

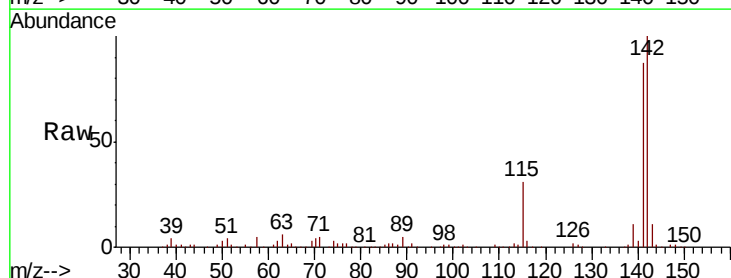
Tgt Ion:142 Resp: 111330

Ion Ratio Lower Upper

142 100

141 87.1 72.1 108.1

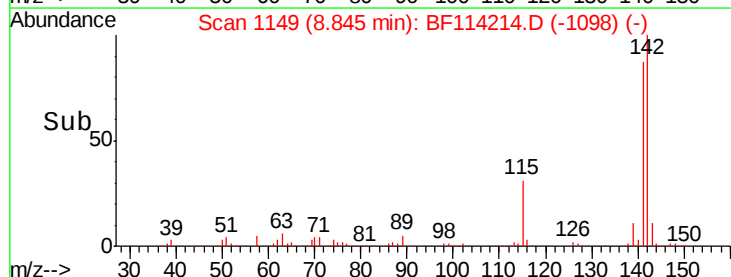
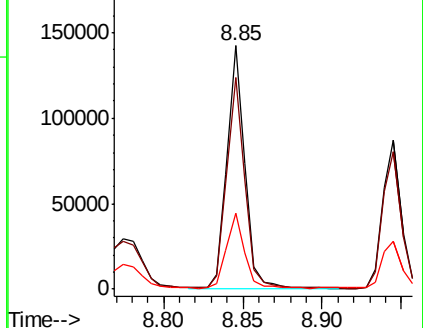
115 31.2 28.0 42.0

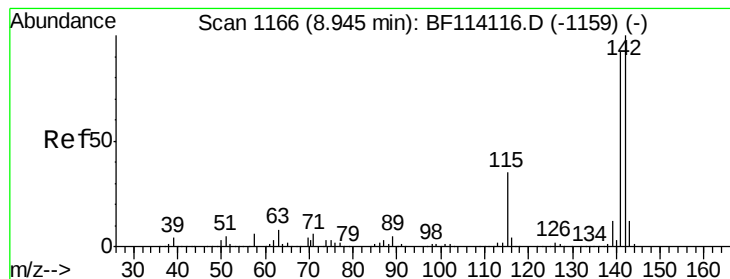


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 2.402 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF114214.D

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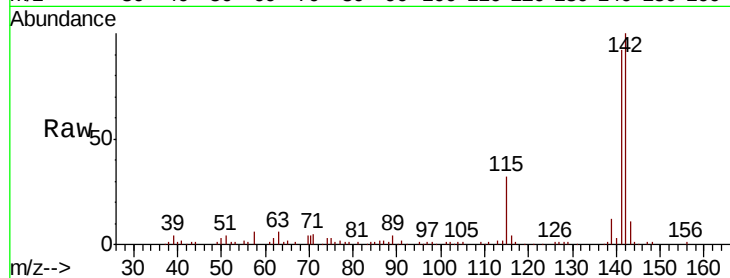
Tgt Ion:142 Resp: 71021

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.0

116 3.9 3.1 4.7

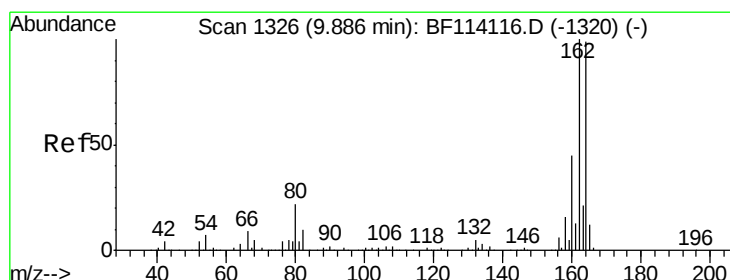
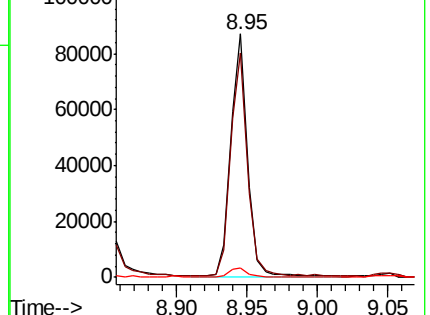
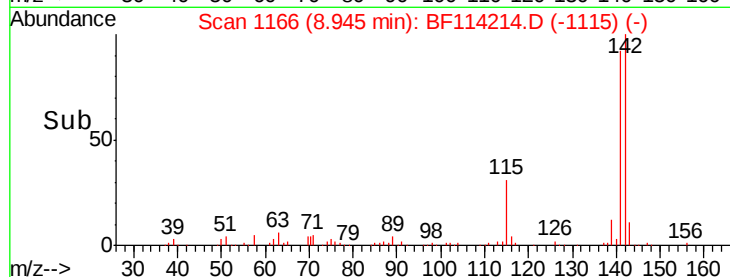


Abundance

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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

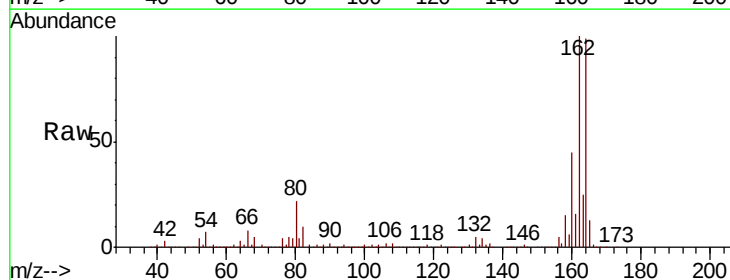
Tgt Ion:164 Resp: 474322

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

160 45.9 36.5 54.7

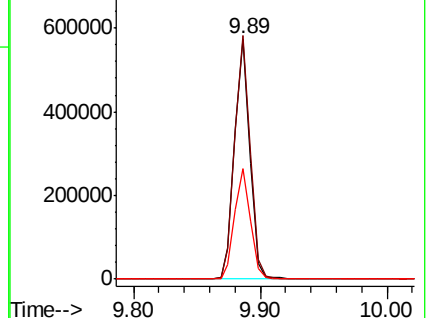
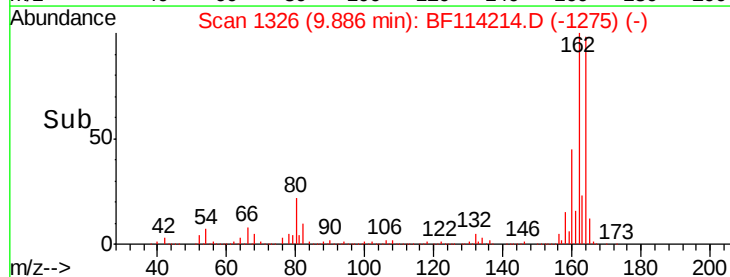


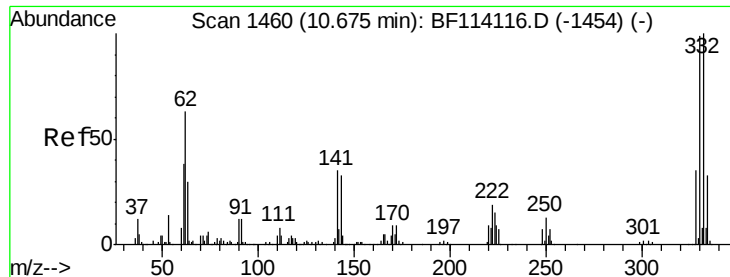
Abundance

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

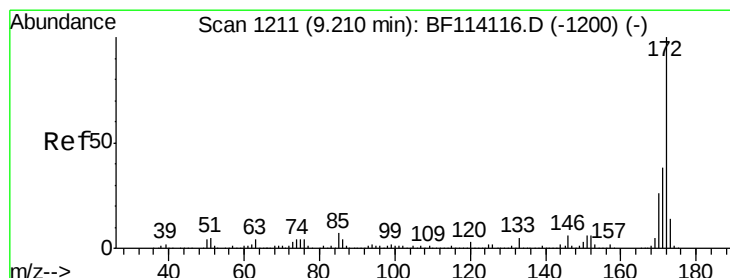
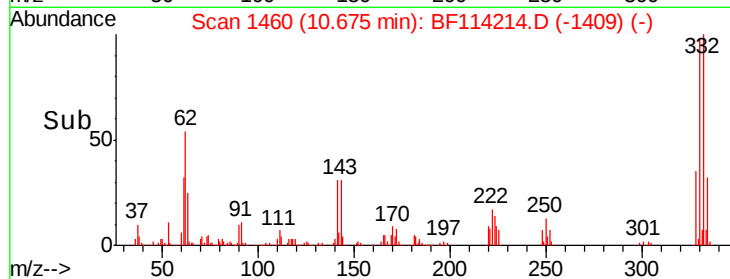
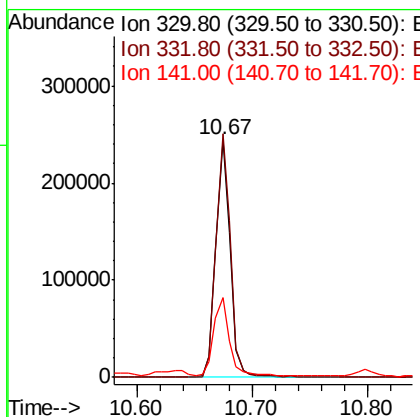
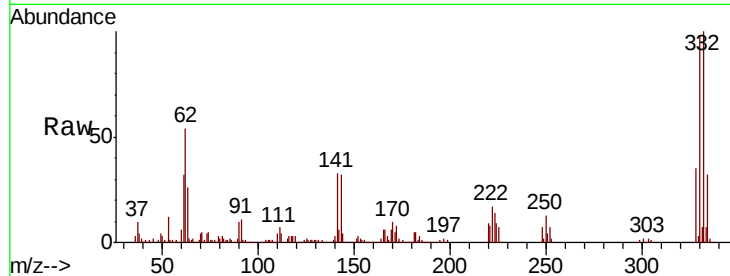




#42
 2,4,6-Tribromophenol
 Concen: 43.050 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF114214.D
 Acq: 13 May 2019 1:40

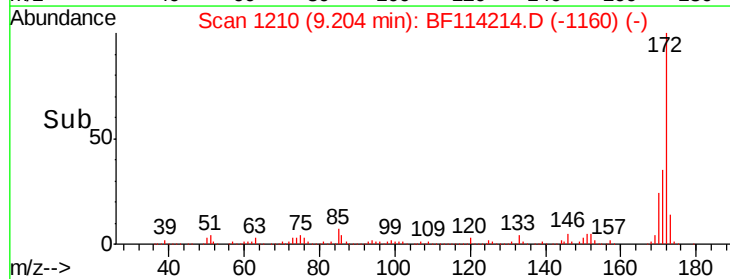
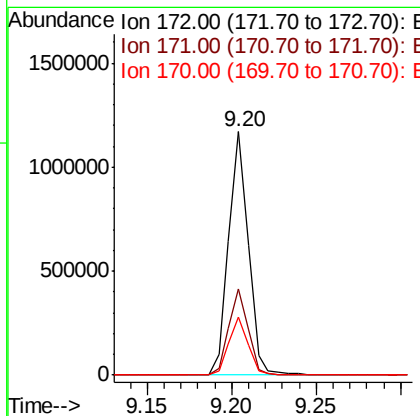
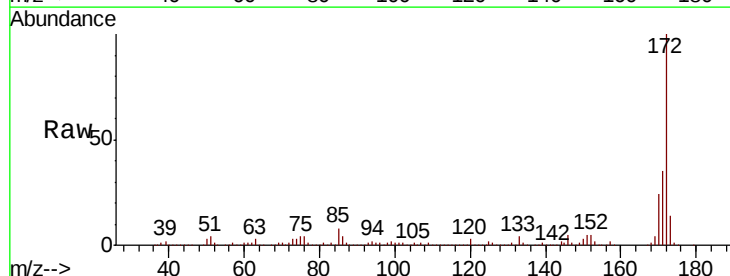
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0002-01DL

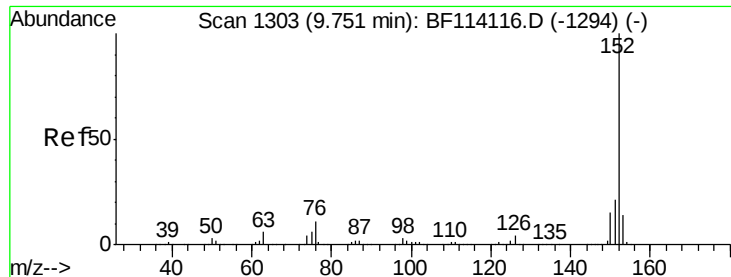
Tgt Ion:330 Resp: 211102
 Ion Ratio Lower Upper
 330 100
 332 102.9 81.4 122.2
 141 34.4 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 30.226 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114214.D
 Acq: 13 May 2019 1:40

Tgt Ion:172 Resp: 947782
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.7 46.1
 170 23.8 20.5 30.7

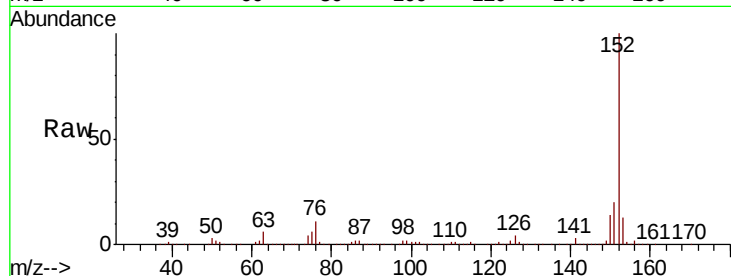




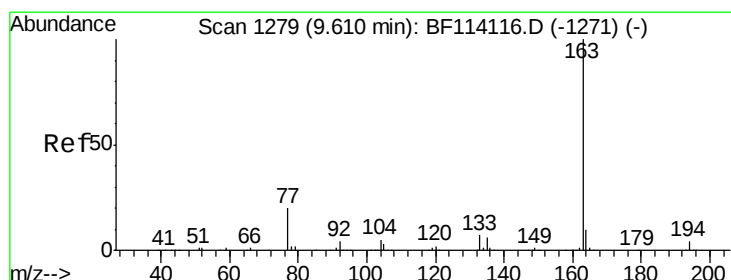
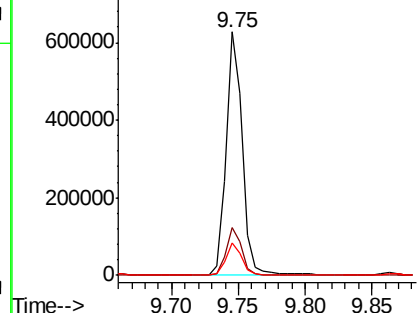
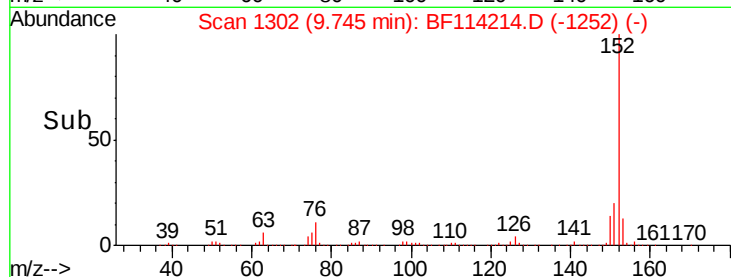
#49
Acenaphthylene
Concen: 11.430 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	13.4	11.4	17.2

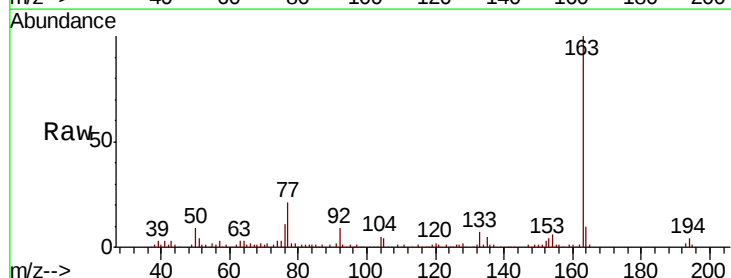


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

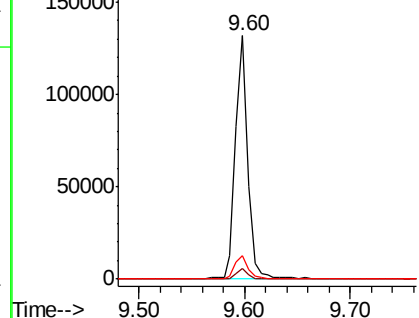
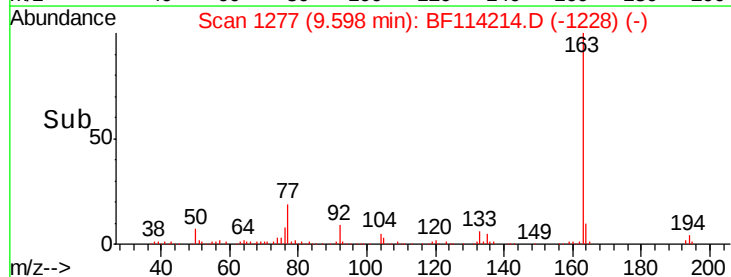


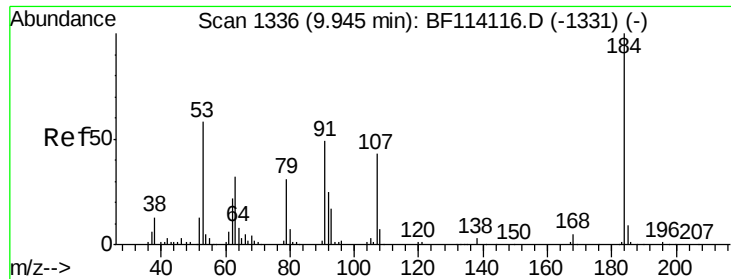
#50
Dimethylphthalate
Concen: 3.043 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.8	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

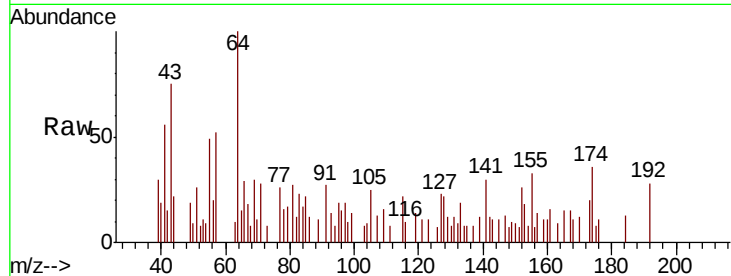




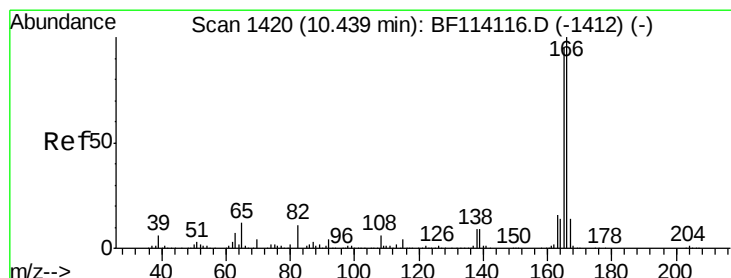
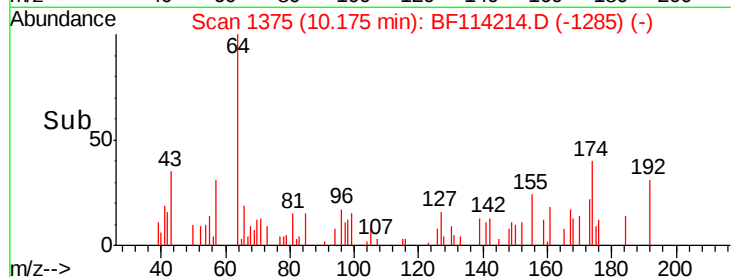
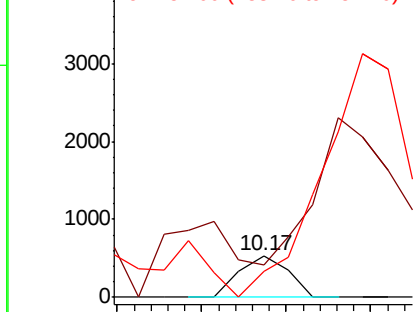
#54
2,4-Dinitrophenol
Concen: 6.847 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.23 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01DL

Tgt Ion:184 Resp: 430
Ion Ratio Lower Upper
184 100
63 78.4 55.6 83.4
154 61.5 46.0 69.0

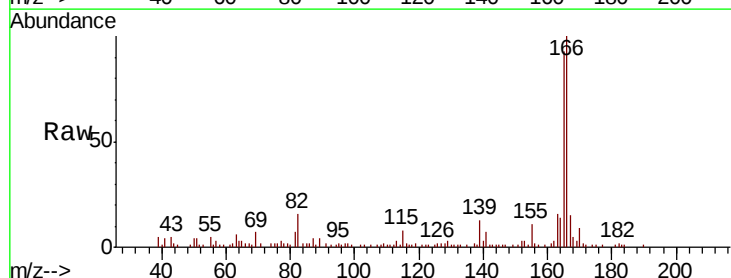


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

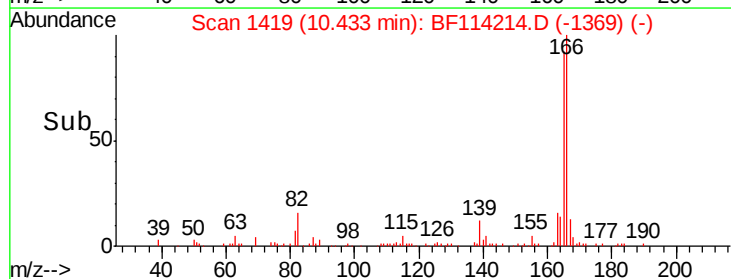
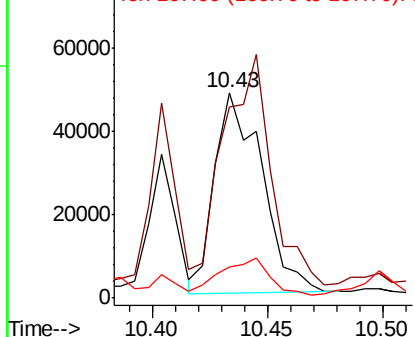


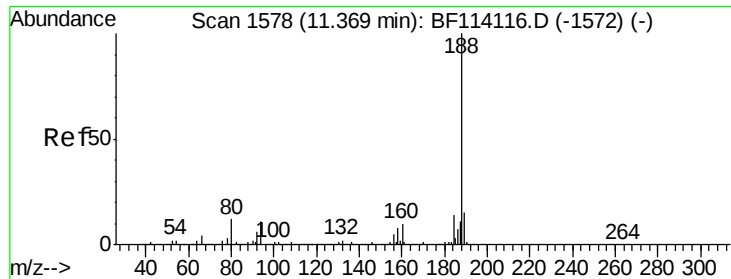
#58
Fluorene
Concen: 2.085 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Tgt Ion:166 Resp: 67980
Ion Ratio Lower Upper
166 100
165 92.8 76.1 114.1
167 15.3 11.1 16.7



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

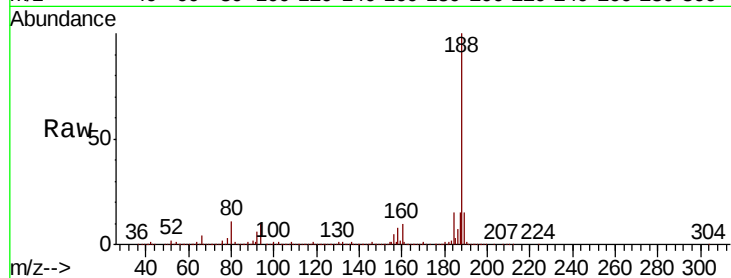




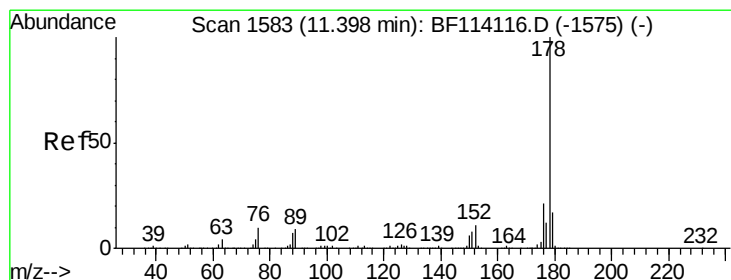
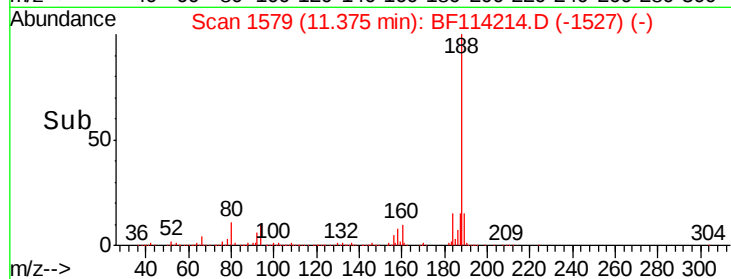
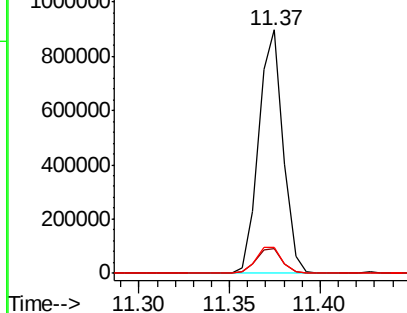
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01DL

Tgt Ion:188 Resp: 837676
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 10.8 9.2 13.8

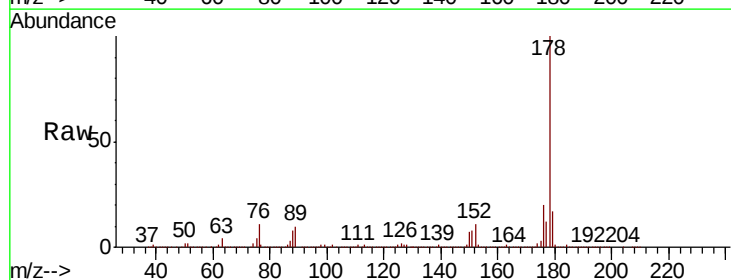


Abundance Ion 188.00 (187.70 to 188.70): E
1200000 Ion 94.00 (93.70 to 94.70): BF1
1000000 Ion 80.00 (79.70 to 80.70): BF1
800000
600000
400000
200000
0

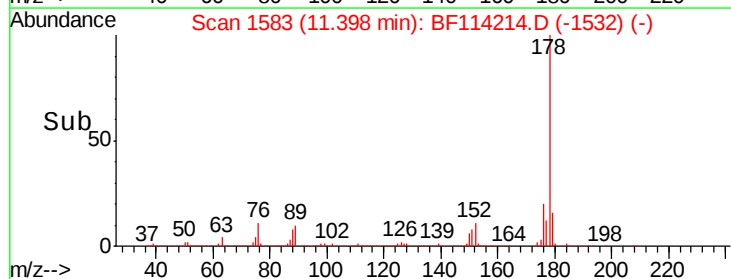
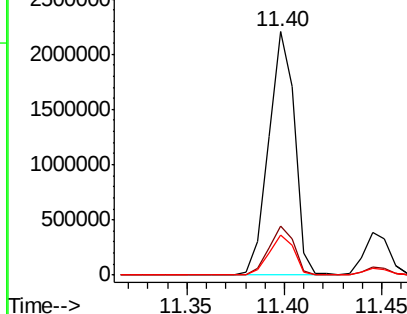


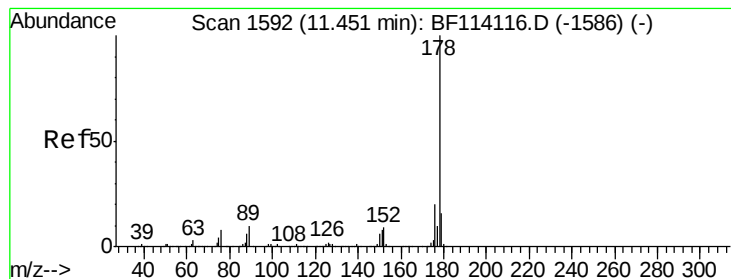
#71
Phenanthrene
Concen: 49.614 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Tgt Ion:178 Resp: 2021968
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
3000000 Ion 176.00 (175.70 to 176.70): E
2500000 Ion 179.00 (178.70 to 179.70): E
2000000
1500000
1000000
500000
0





#72

Anthracene

Concen: 8.187 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01DL

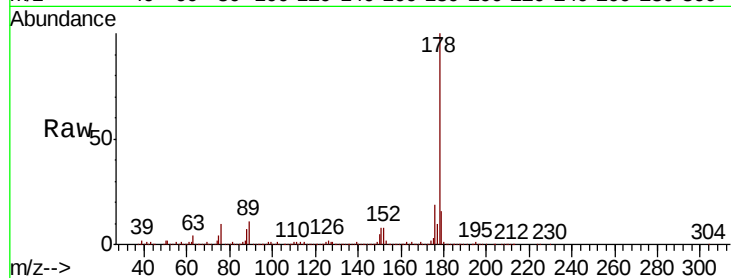
Tgt Ion:178 Resp: 335131

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

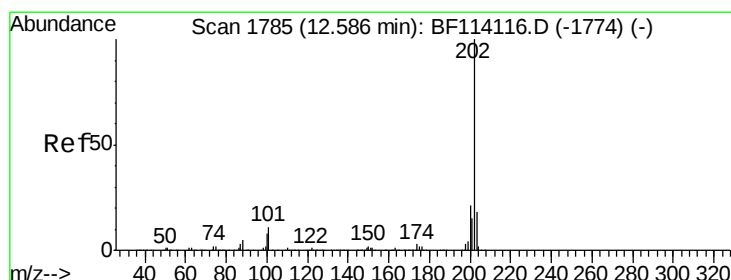
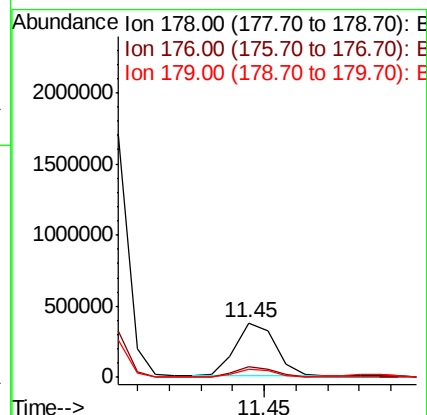
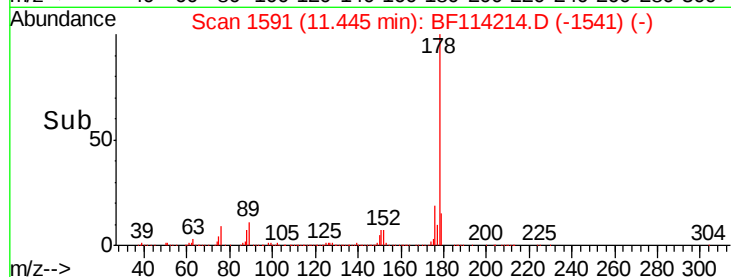
179 16.0 13.0 19.4



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: 59.091 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

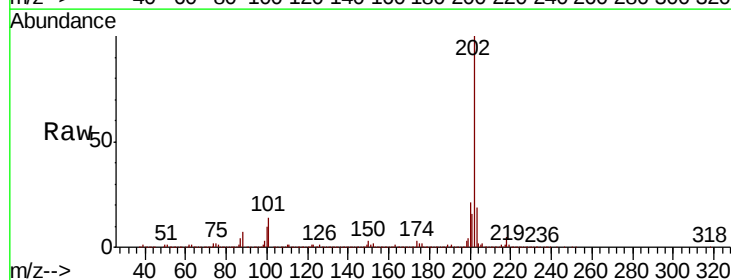
Tgt Ion:202 Resp: 2593331

Ion Ratio Lower Upper

202 100

101 13.6 0.0 31.0

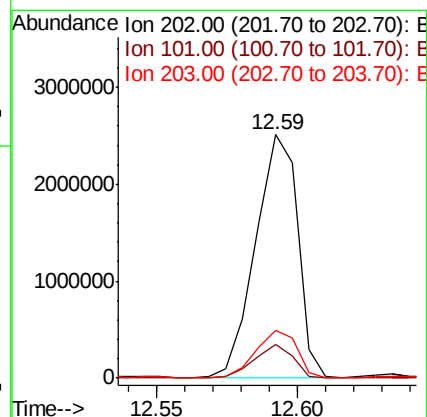
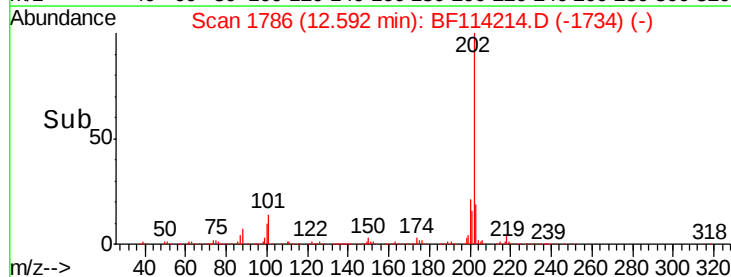
203 19.4 0.0 38.4

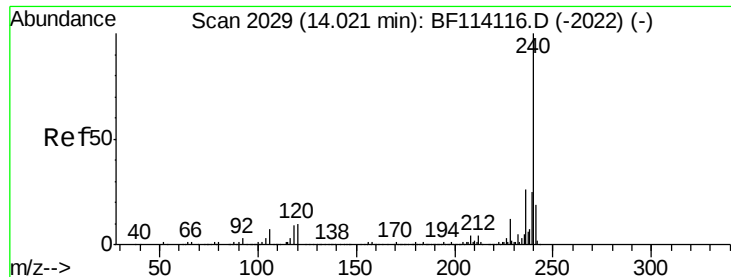


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2029

Delta R.T. -0.00 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01DL

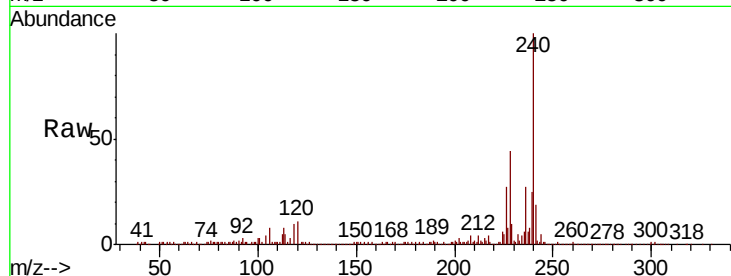
Tgt Ion:240 Resp: 593197

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

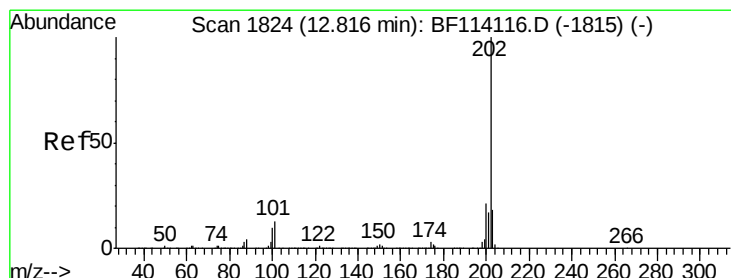
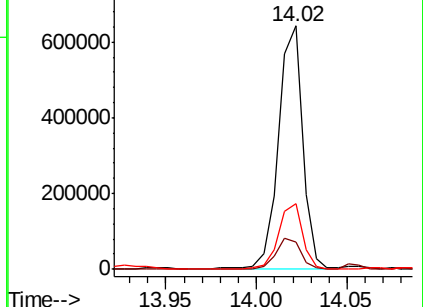
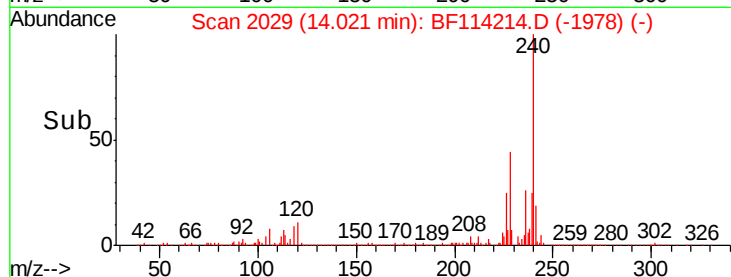
236 26.9 20.8 31.2



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

Pyrene

Concen: 88.802 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

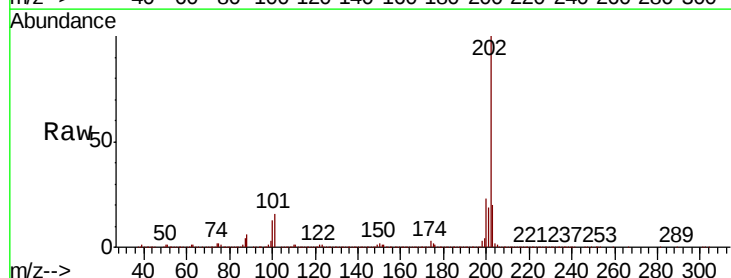
Tgt Ion:202 Resp: 4237601

Ion Ratio Lower Upper

202 100

200 22.9 16.9 25.3

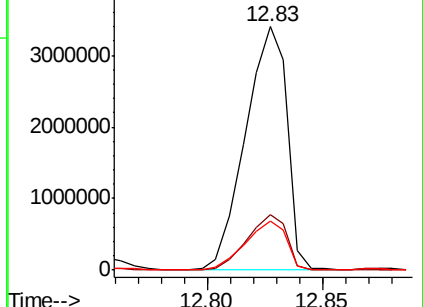
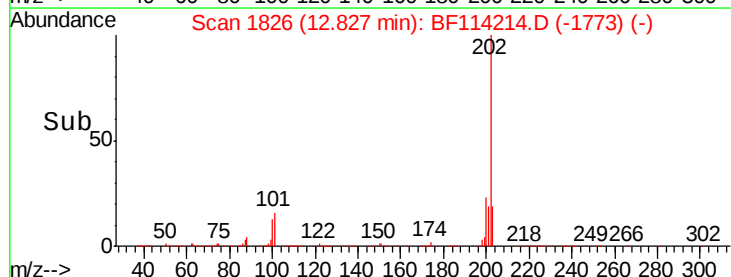
203 19.9 14.5 21.7

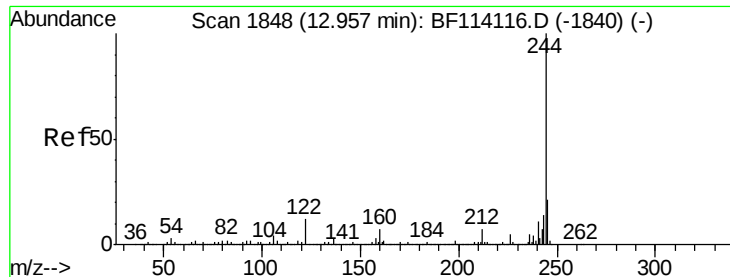


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 24.856 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01DL

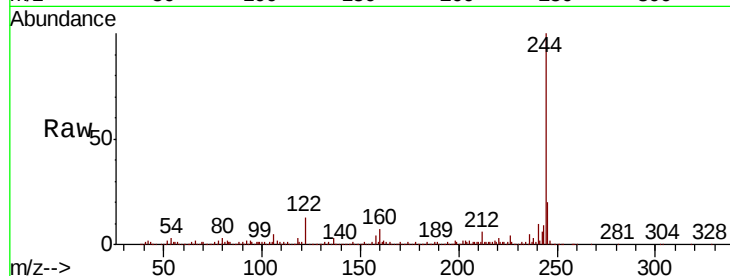
Tgt Ion:244 Resp: 715263

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.6

122 13.4 9.4 14.2

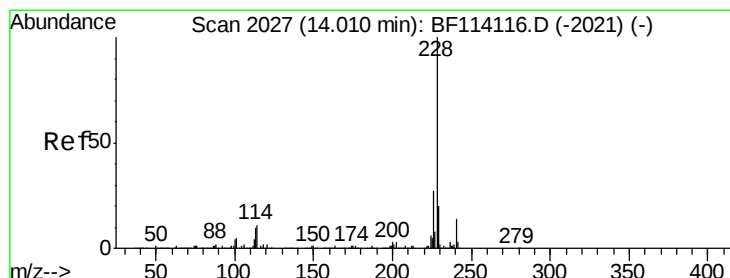
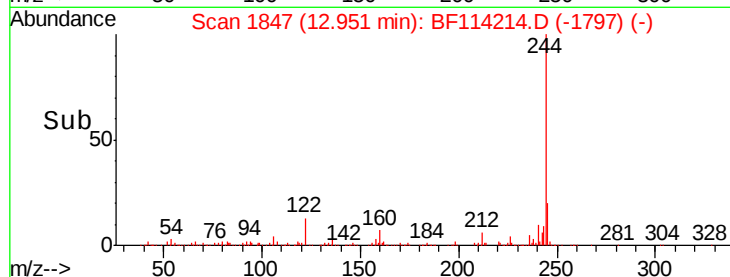
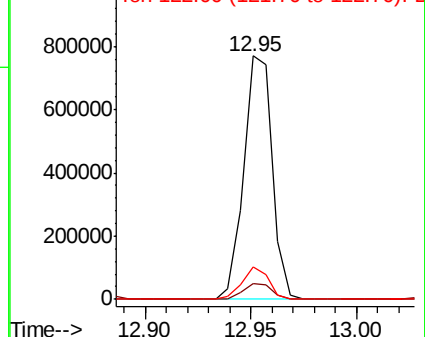


Abundance

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: 51.592 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.04 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

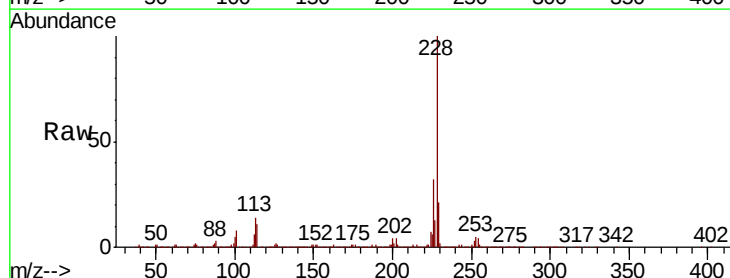
Tgt Ion:228 Resp: 1979448

Ion Ratio Lower Upper

228 100

226 32.4 22.2 33.2

229 20.9 16.4 24.6

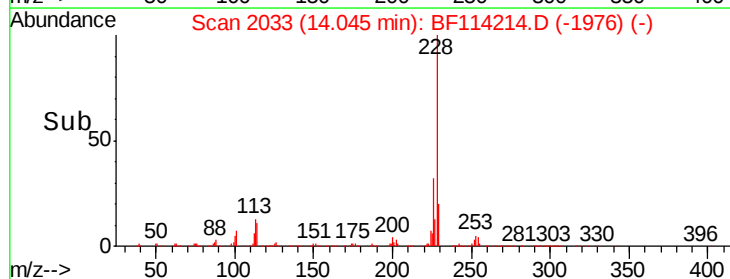
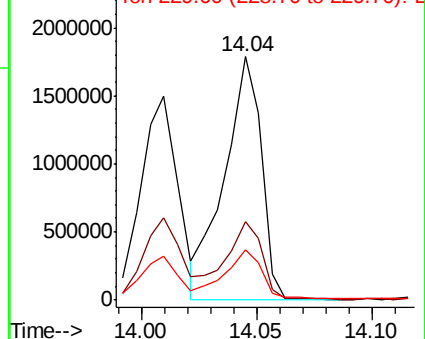


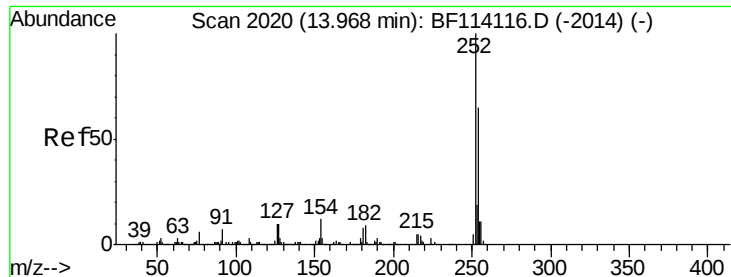
Abundance

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

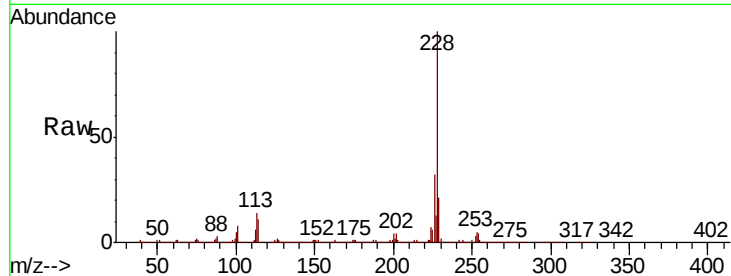




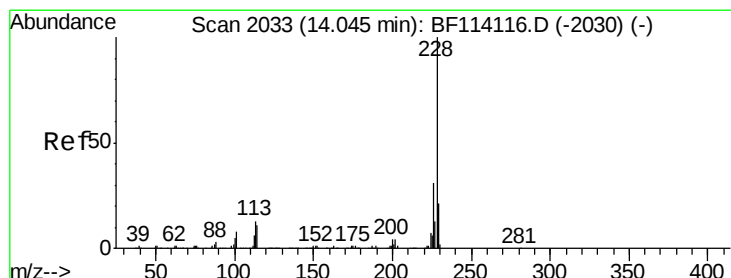
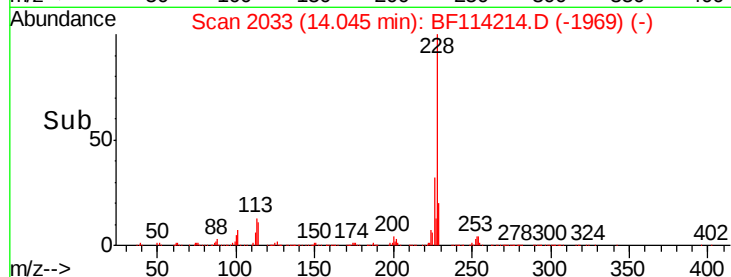
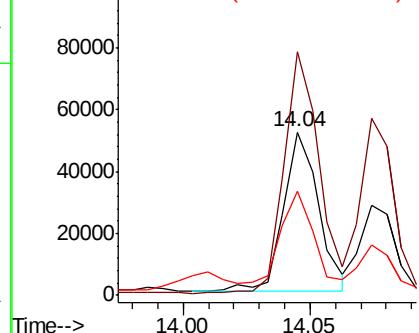
#82
 3,3'-Dichlorobenzidine
 Concen: 3.292 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.08 min
 Lab File: BF114214.D
 Acq: 13 May 2019 1:40

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0002-01DL

Tgt Ion:252 Resp: 48991
 Ion Ratio Lower Upper
 252 100
 254 149.4 51.9 77.9#
 126 63.5 7.9 11.9#

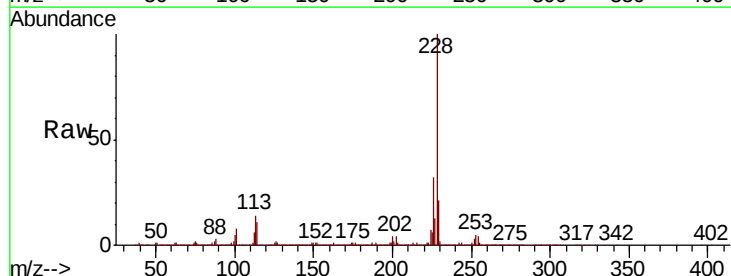


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

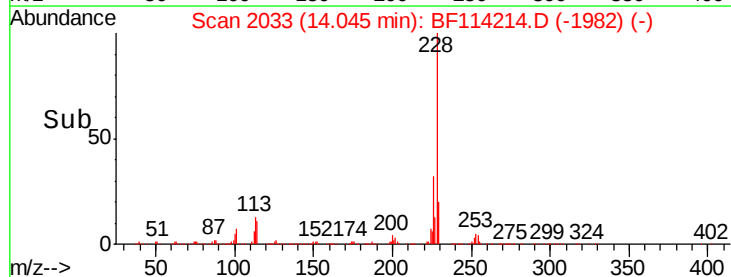
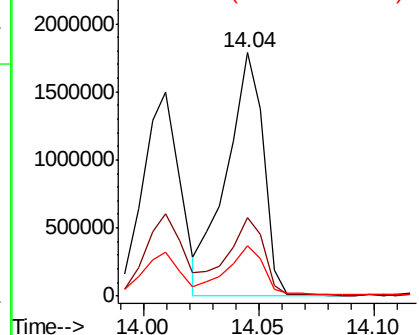


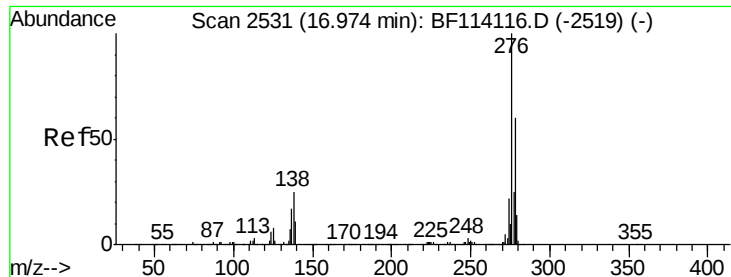
#83
 Chrysene
 Concen: 52.629 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF114214.D
 Acq: 13 May 2019 1:40

Tgt Ion:228 Resp: 1979448
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.0 37.6
 229 20.9 17.0 25.6



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

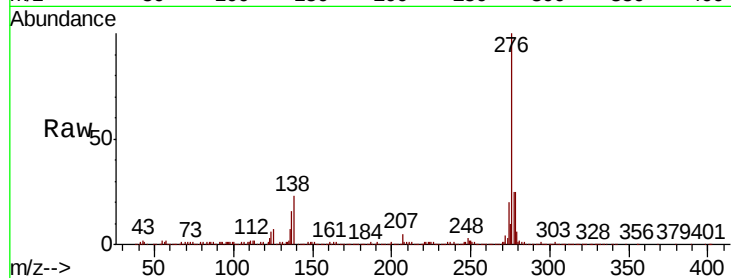




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 22.677 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF114214.D
 Acq: 13 May 2019 1:40

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS002-0002-01DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.2	30.2
277	24.5	20.0	30.0

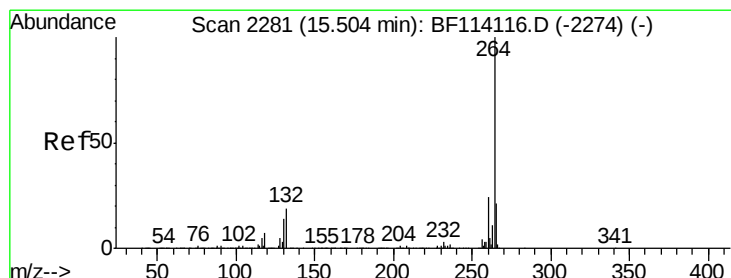
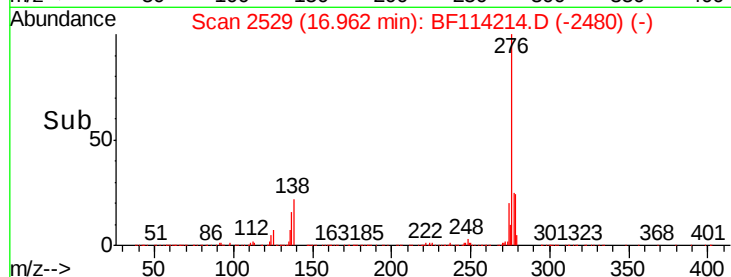
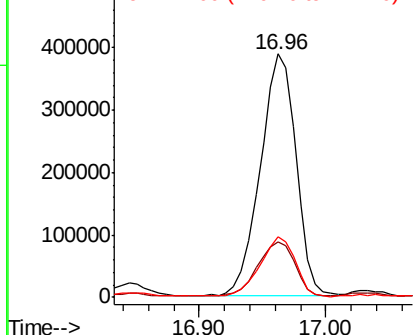


Abundance

Ion 276.00 (275.70 to 276.70): E

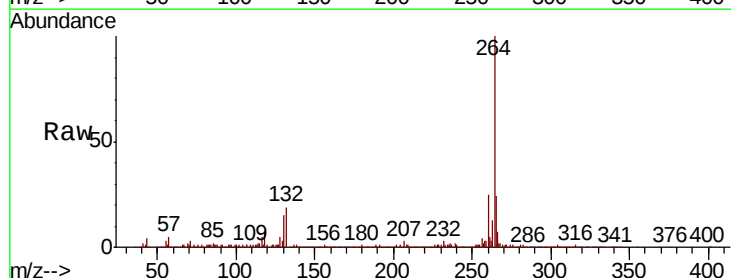
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF114214.D
 Acq: 13 May 2019 1:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	24.3	16.9	25.3

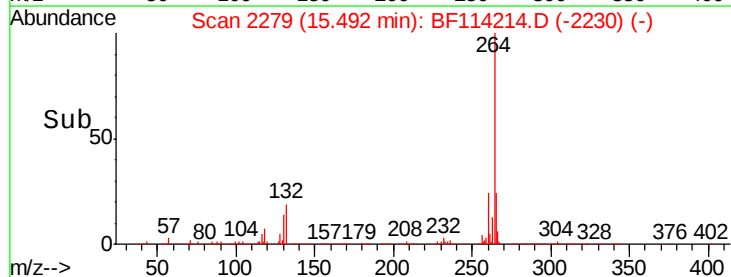
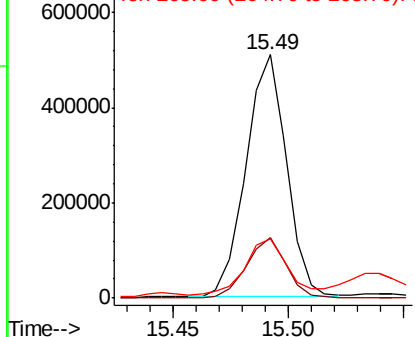


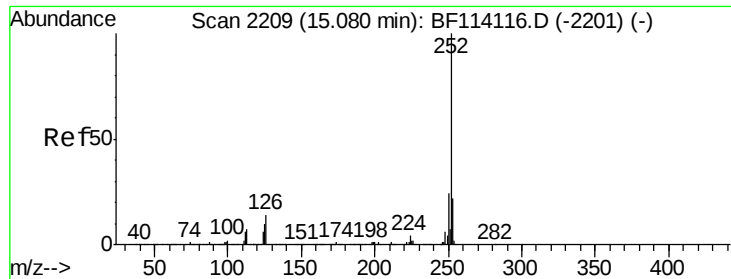
Abundance

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

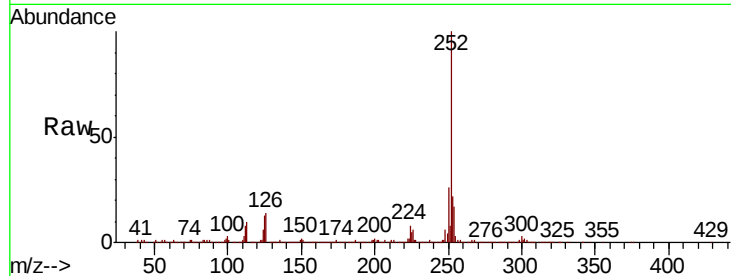




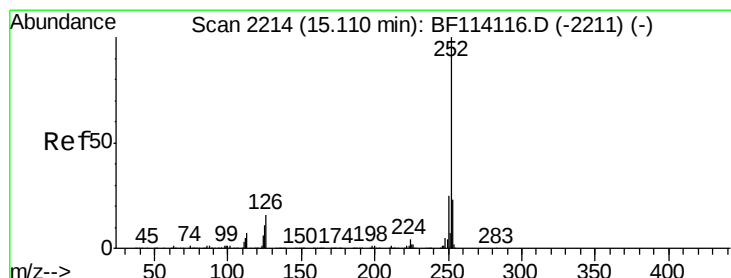
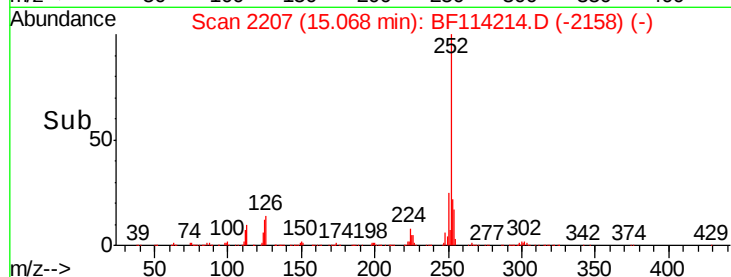
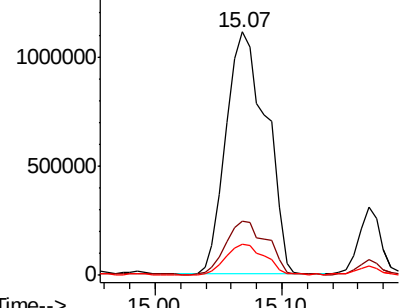
#88
Benzo(b)fluoranthene
Concen: 61.380 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01DL

Tgt Ion:252 Resp: 2448781
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 12.8 8.3 12.5#

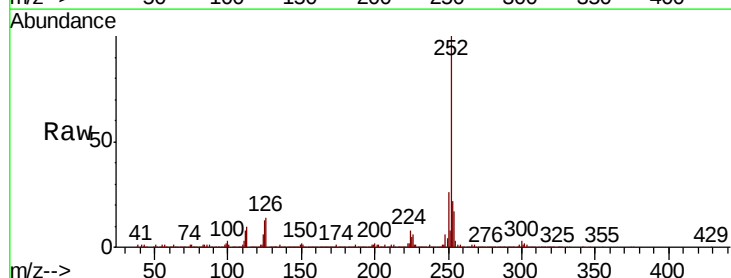


Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

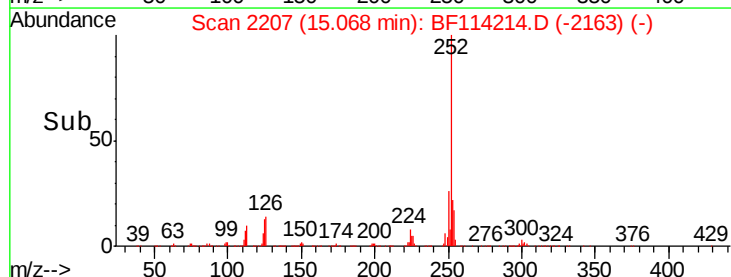
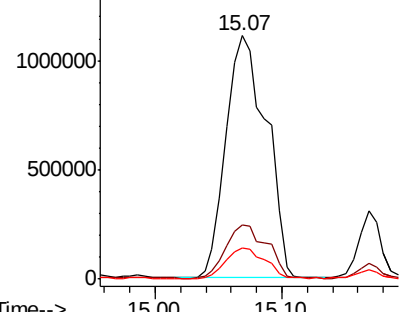


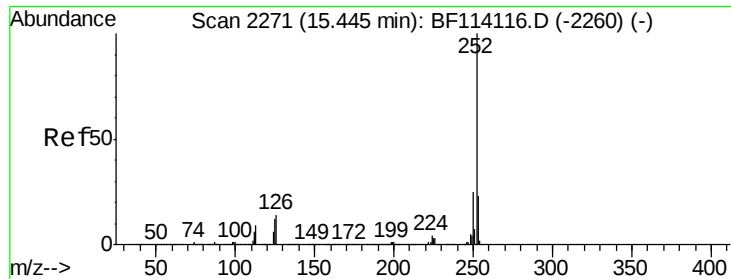
#89
Benzo(k)fluoranthene
Concen: 66.819 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Tgt Ion:252 Resp: 2448781
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 12.8 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

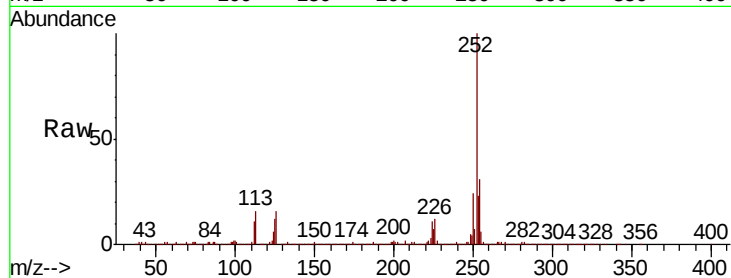




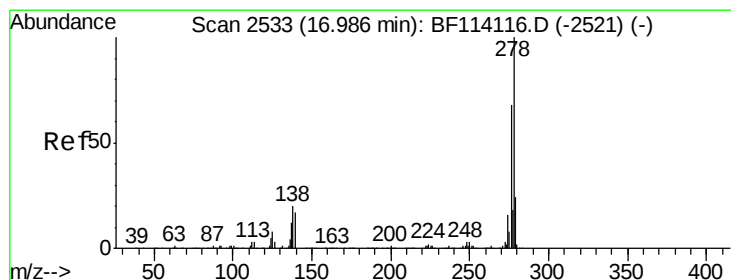
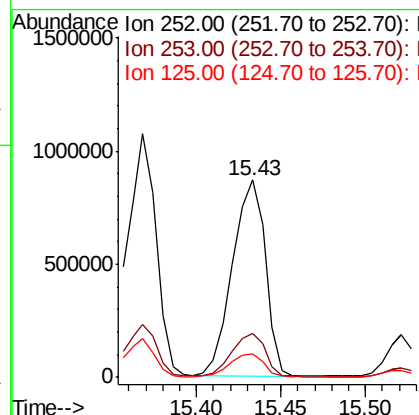
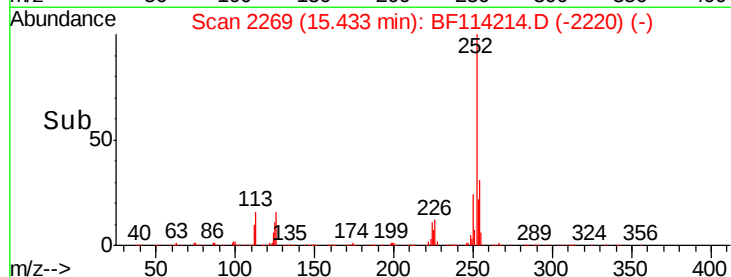
#90
Benzo(a)pyrene
Concen: 33.763 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Instrument :
BNA_F
ClientSampleId :
P026-SS002-0002-01DL

Tgt Ion:252 Resp: 1185459
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 12.1 9.5 14.3

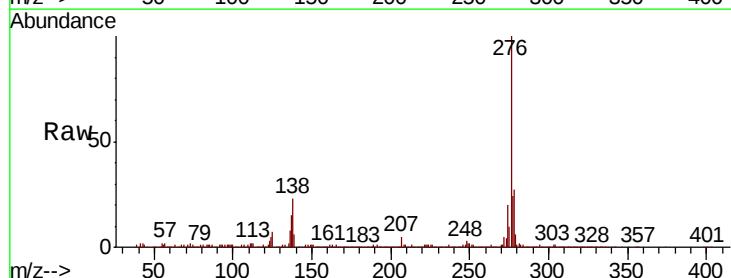


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

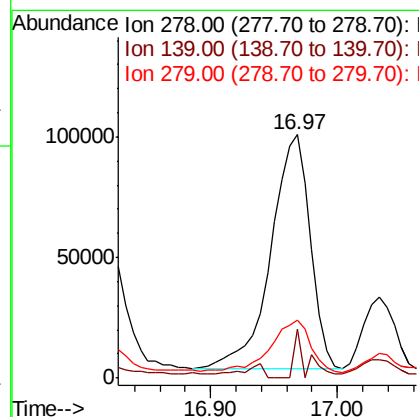
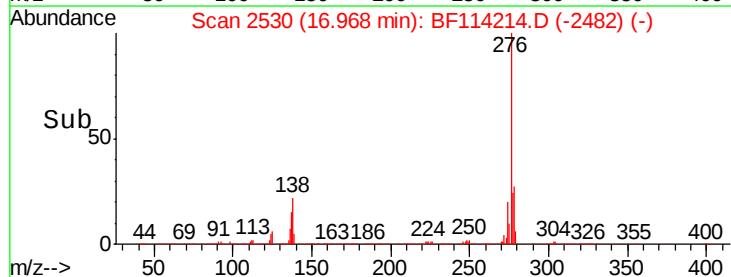


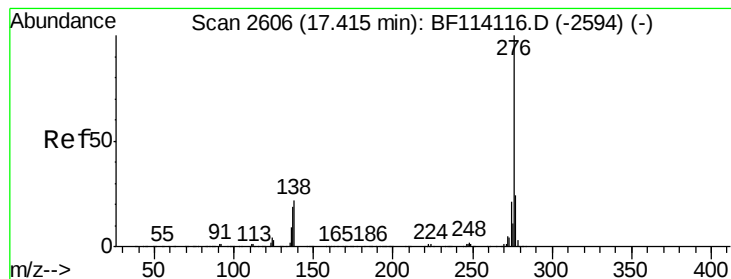
#91
Dibenzo(a,h)anthracene
Concen: 7.203 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF114214.D
Acq: 13 May 2019 1:40

Tgt Ion:278 Resp: 210159
Ion Ratio Lower Upper
278 100
139 20.1 13.5 20.3
279 23.6 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(g,h,i)perylene

Concen: 29.671 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BF114214.D

Acq: 13 May 2019 1:40

Instrument :

BNA_F

ClientSampleId :

P026-SS002-0002-01DL

Tgt Ion: 276 Resp: 867547

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 23.2 17.8 26.6

