

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114188.D
 Acq On : 12 May 2019 13:28
 Operator : JU/SJ
 Sample : K2766-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS007-0002-01

Quant Time: May 13 07:43:32 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	281227	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1079597	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	526678	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1052271	20.00	ng	0.00
76) Chrysene-d12	14.03	240	562652	20.00	ng	0.00
87) Perylene-d12	15.50	264	753003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1596007	91.33	ng	0.00
7) Phenol-d6	6.49	99	2155994	104.31	ng	0.00
23) Nitrobenzene-d5	7.41	82	1354664	70.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	525598	96.53	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1983787	56.98	ng	0.00
79) Terphenyl-d14	12.96	244	1721968	63.09	ng	0.00

Target Compounds

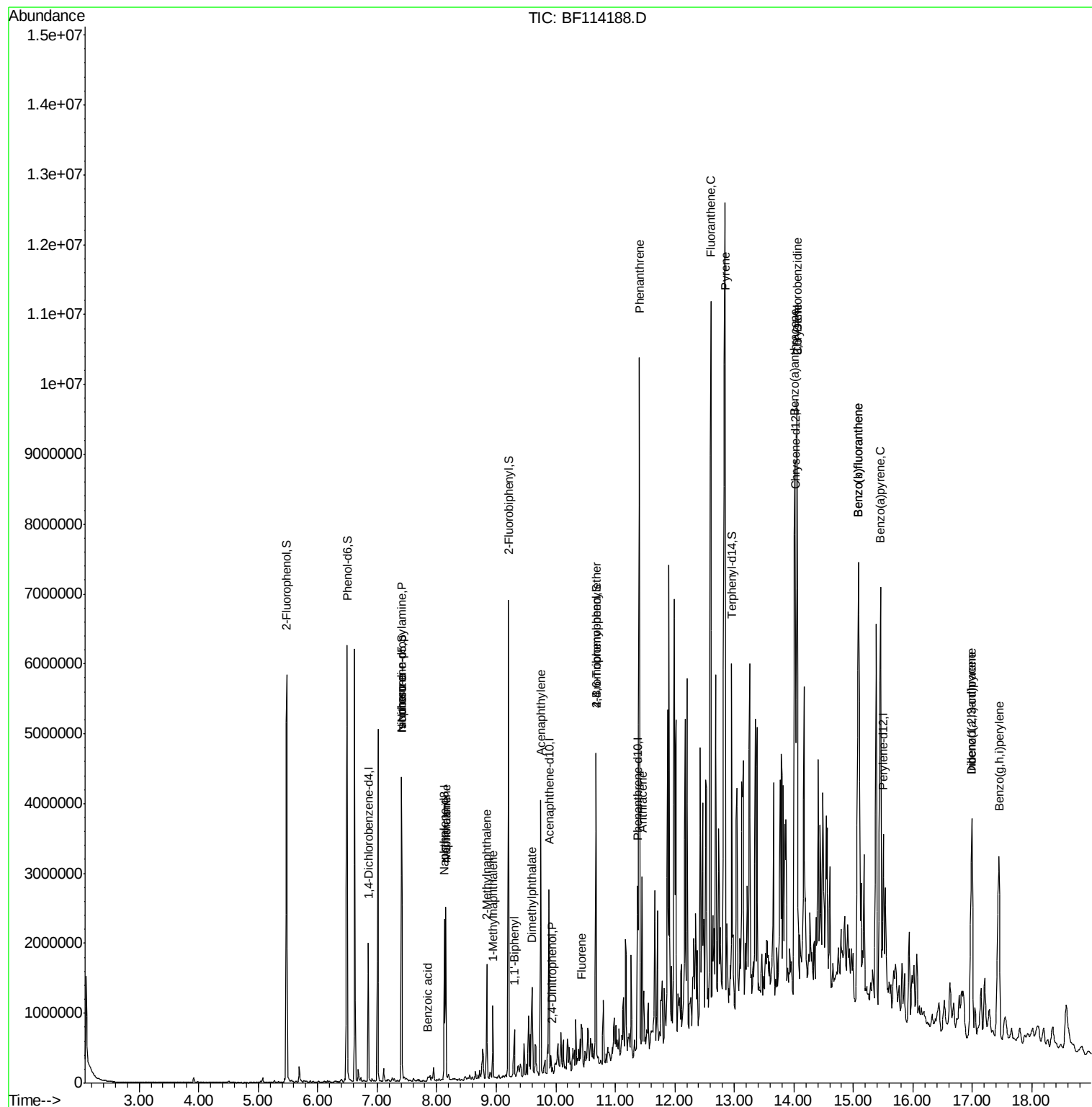
						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	184380	14.074	ng	# 77
25) Isophorone	7.41	82	1337853	37.499	ng	# 64
31) Naphthalene	8.15	128	946423	18.767	ng	98
32) Benzoic acid	7.85	122	14502	8.184	ng	93
33) 4-Chloroaniline	8.15	127	126035	5.484	ng	# 31
37) 2-Methylnaphthalene	8.85	142	430481	13.231	ng	97
38) 1-Methylnaphthalene	8.94	142	282962	9.235	ng	99
46) 1,1'-Biphenyl	9.30	154	181237	4.260	ng	98
49) Acenaphthylene	9.75	152	1525901	29.299	ng	99
50) Dimethylphthalate	9.60	163	374592	9.689	ng	99
54) 2,4-Dinitrophenol	9.95	184	277	6.804	ng	# 1
58) Fluorene	10.43	166	246647	6.814	ng	94
67) 4-Bromophenyl-phenylether	10.67	248	34232	2.955	ng	# 1
71) Phenanthrene	11.41	178	4863522	95.001	ng	97
72) Anthracene	11.45	178	997292	19.395	ng	98
75) Fluoranthene	12.60	202	5683864	103.100	ng	92
78) Pyrene	12.84	202	8667077	191.484	ng	92
81) Benzo(a)anthracene	14.02	228	3537372	97.202	ng	# 81
82) 3,3'-Dichlorobenzidine	14.05	252	111238	7.879	ng	# 1
83) Chrysene	14.06	228	3698039	103.661	ng	95
86) Indeno(1,2,3-cd)pyrene	17.00	276	2460090	78.028	ng	97
88) Benzo(b)fluoranthene	15.09	252	5767580	119.556	ng	# 95
89) Benzo(k)fluoranthene	15.09	252	5767580	130.150	ng	# 96
90) Benzo(a)pyrene	15.45	252	3291018	77.515	ng	97
91) Dibenzo(a,h)anthracene	16.99	278	668985	18.962	ng	97
92) Benzo(g,h,i)perylene	17.45	276	2805758	79.359	ng	99

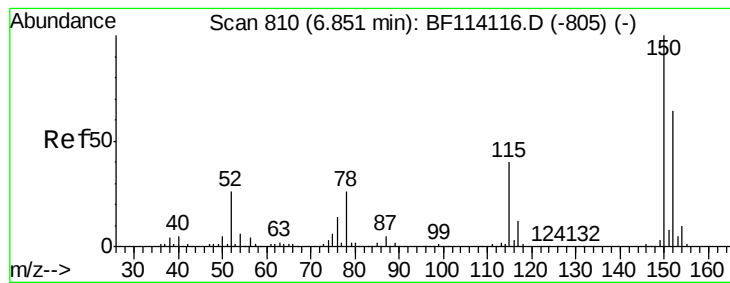
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114188.D
Acq On : 12 May 2019 13:28
Operator : JU/SJ
Sample : K2766-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0002-01

Quant Time: May 13 07:43:32 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

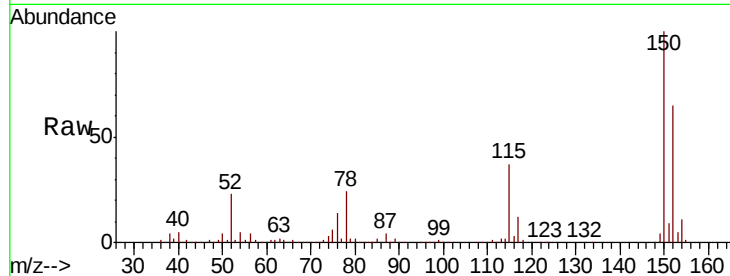
Tgt Ion:152 Resp: 281227

Ion Ratio Lower Upper

152 100

150 154.0 124.3 186.5

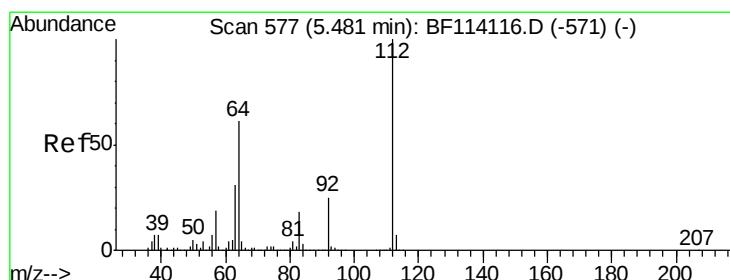
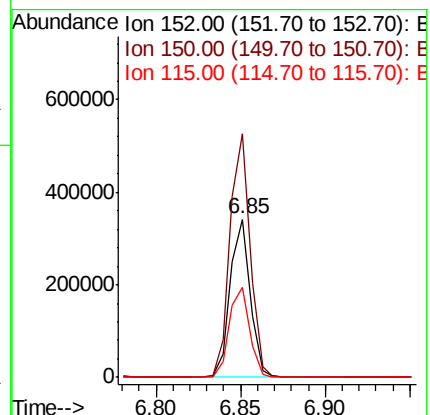
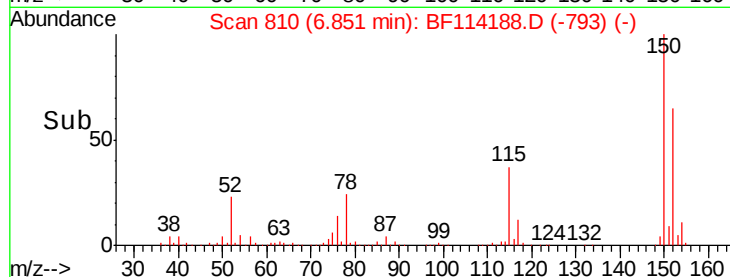
115 57.0 49.1 73.7



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: 91.328 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

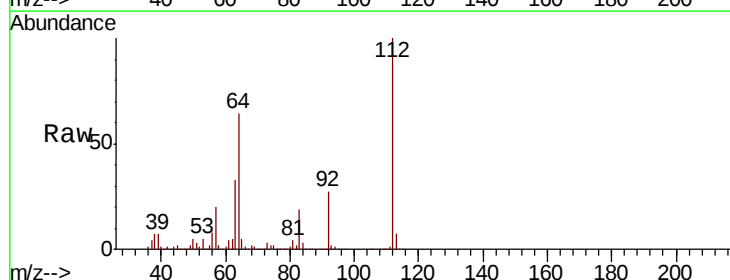
Tgt Ion:112 Resp: 1596007

Ion Ratio Lower Upper

112 100

64 64.0 49.0 73.6

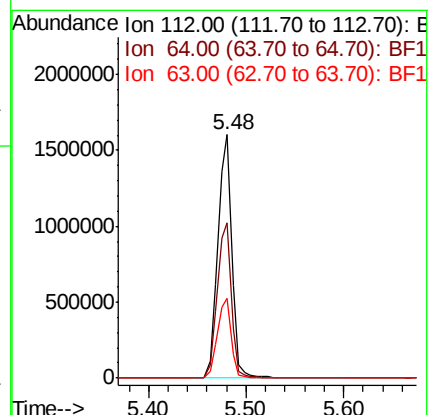
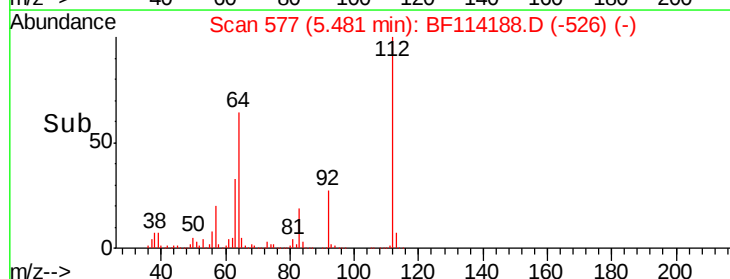
63 32.7 24.6 37.0



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: 104.311 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

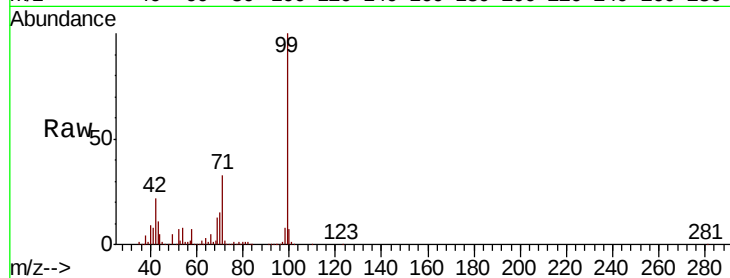
Tgt Ion: 99 Resp: 2155994

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

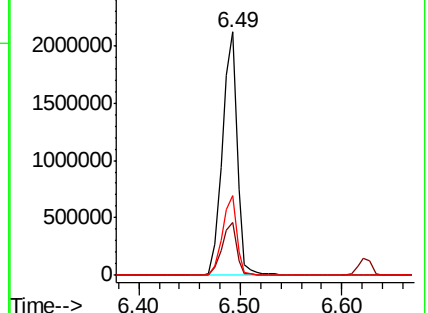
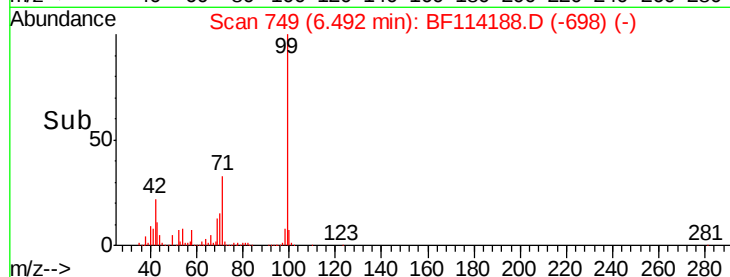
71 32.9 26.2 39.2



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: 14.074 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Tgt Ion: 70 Resp: 184380

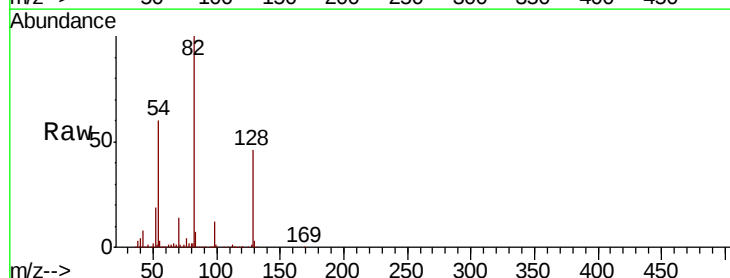
Ion Ratio Lower Upper

70 100

42 58.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.7 17.1 25.7#

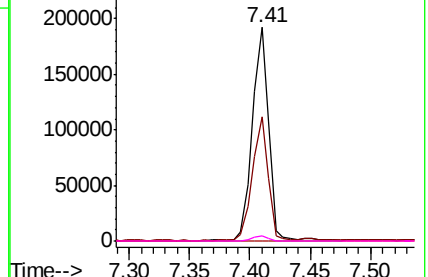
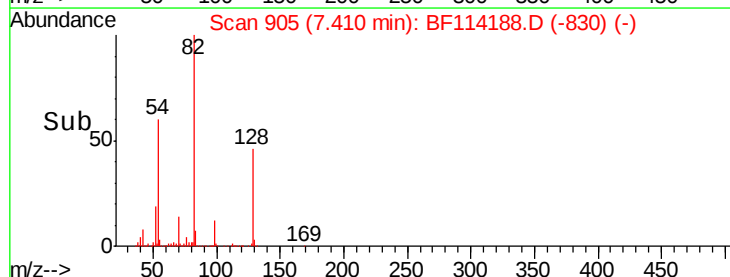


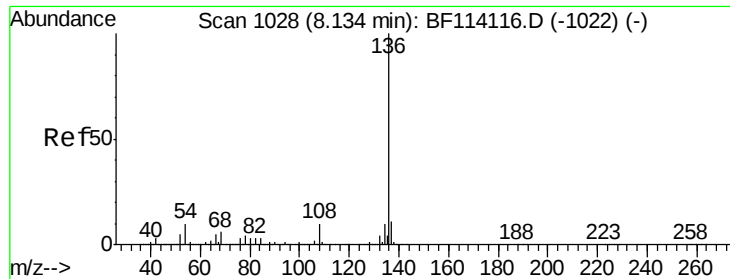
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

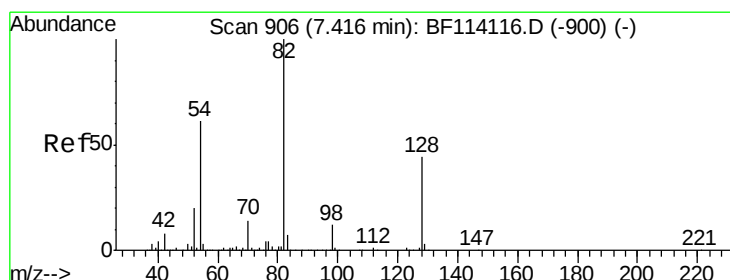
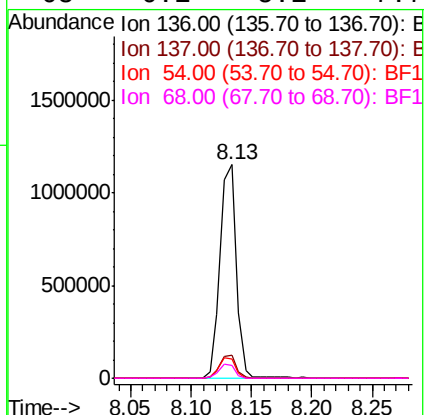
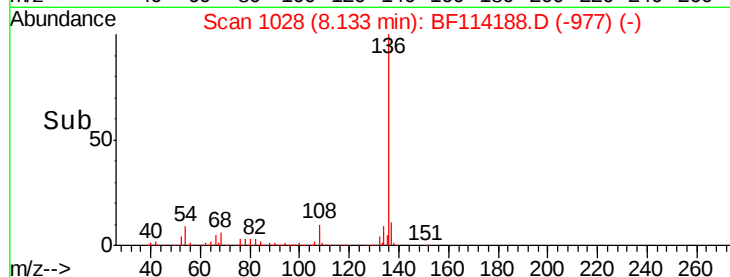
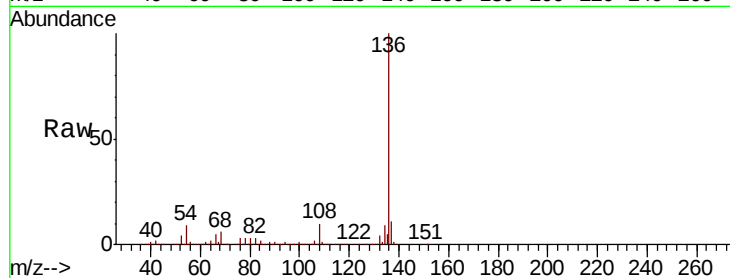




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114188.D
Acq: 12 May 2019 13:28

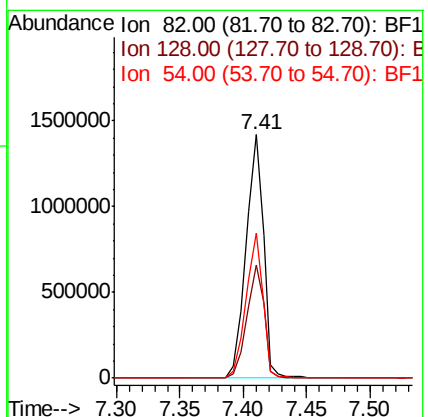
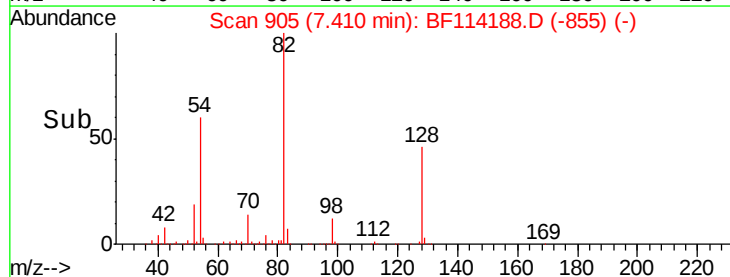
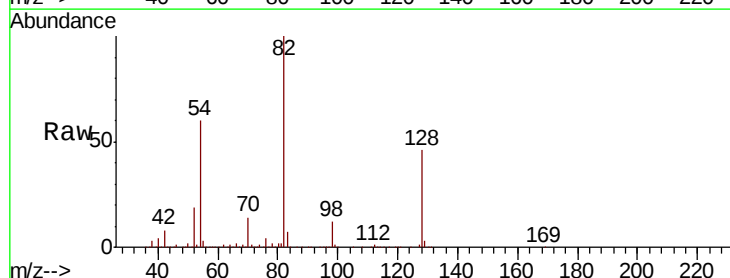
Instrument :
BNA_F
ClientSampleId :
P026-SS007-0002-01

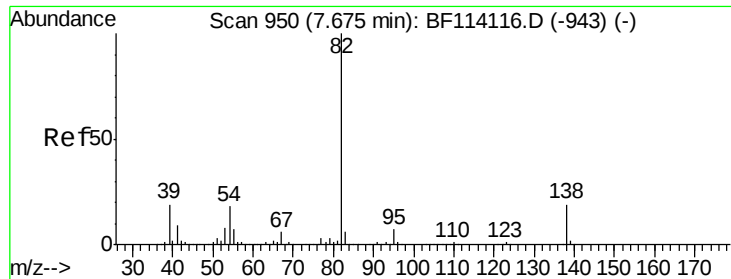
Tgt Ion:	136	Resp:	1079597
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.9	7.8	11.8
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 70.419 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114188.D
Acq: 12 May 2019 13:28

Tgt Ion:	82	Resp:	1354664
Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.5	53.3
54	59.6	48.5	72.7





#25

Isophorone

Concen: 37.499 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

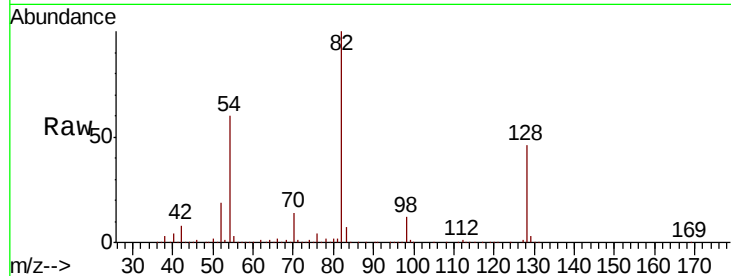
Tgt Ion: 82 Resp: 1337853

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

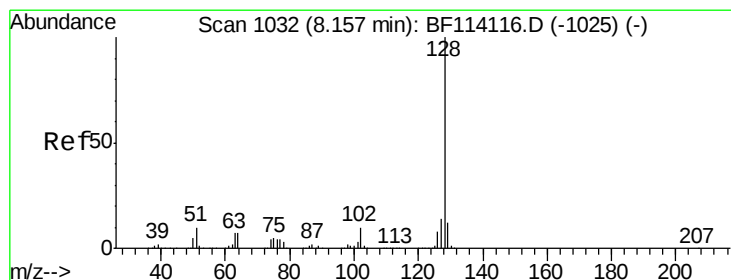
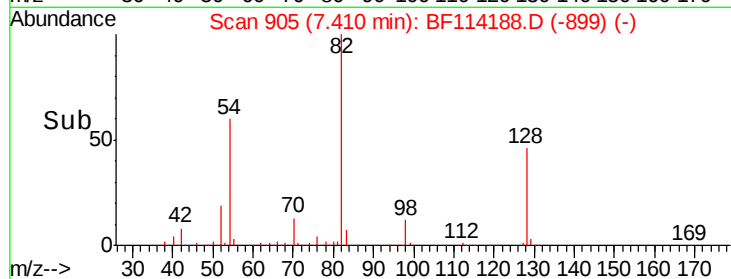
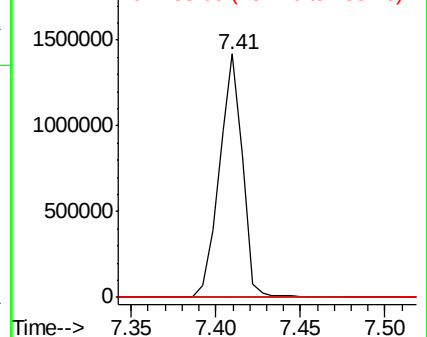
138 0.0 14.8 22.2#



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: 18.767 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

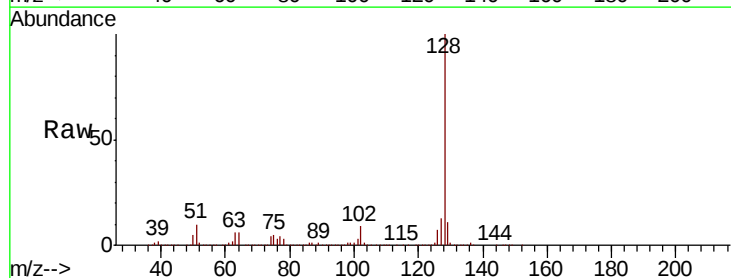
Tgt Ion: 128 Resp: 946423

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

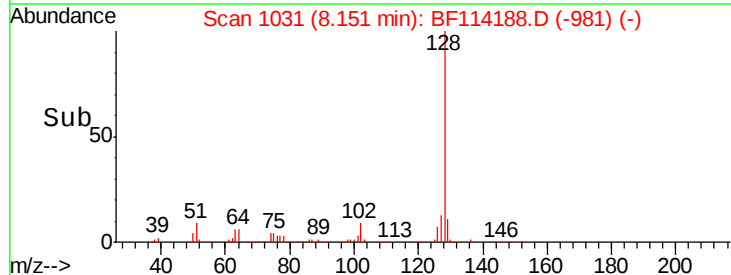
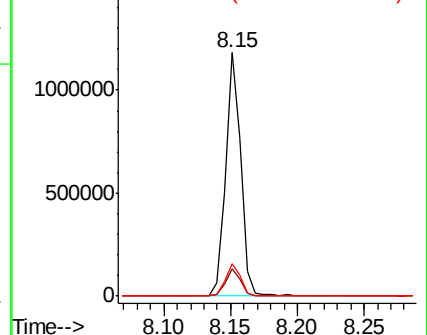
127 13.1 11.3 16.9

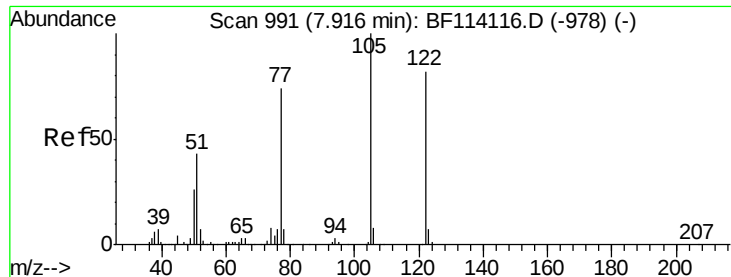


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

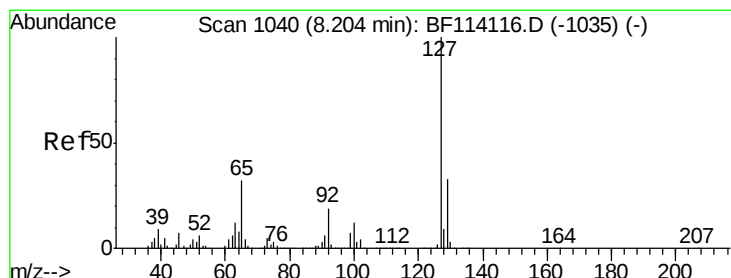
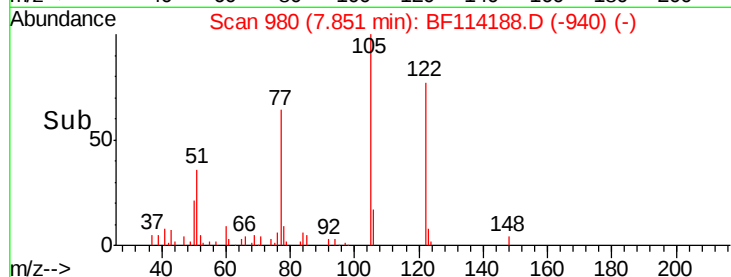
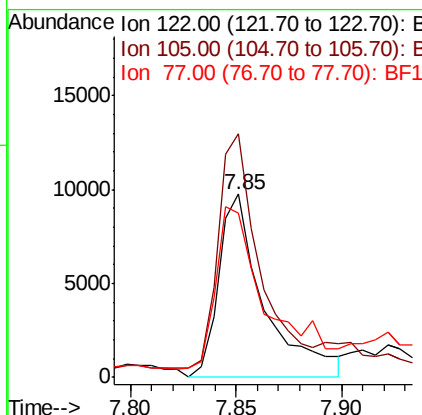
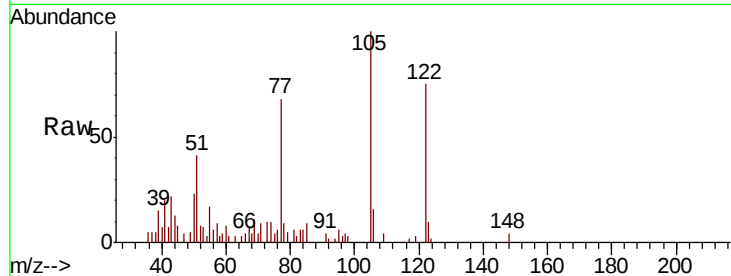




#32
Benzoic acid
Concen: 8.184 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.06 min
Lab File: BF114188.D
Acq: 12 May 2019 13:28

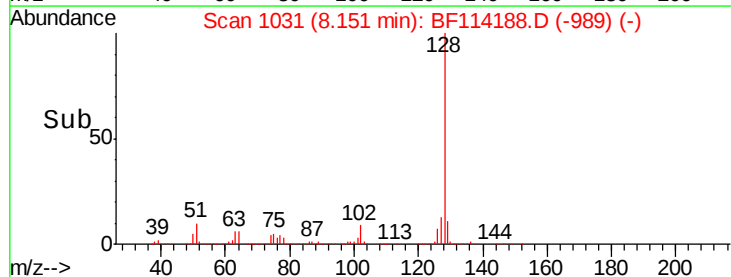
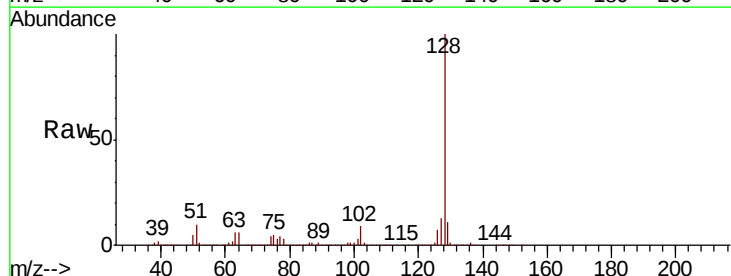
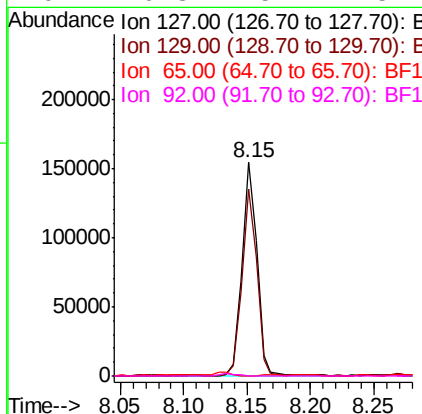
Instrument :
BNA_F
ClientSampleId :
P026-SS007-0002-01

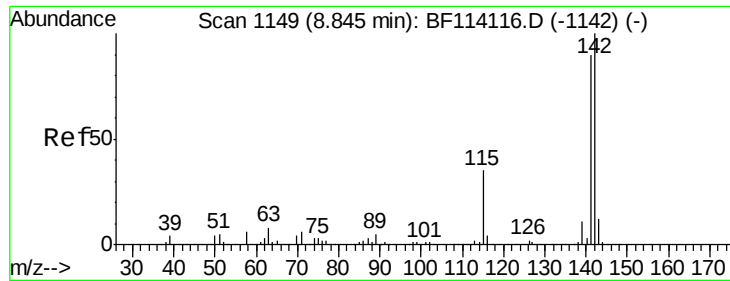
Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.0	99.9	139.9
77	89.9	69.4	109.4



#33
4-Chloroaniline
Concen: 5.484 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF114188.D
Acq: 12 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
127	100		
129	87.4	26.7	40.1#
65	0.0	25.4	38.0#
92	0.3	15.4	23.2#

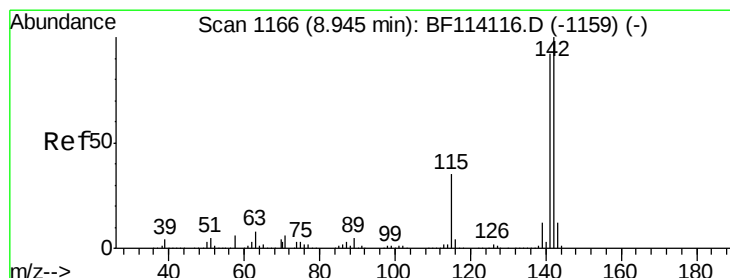
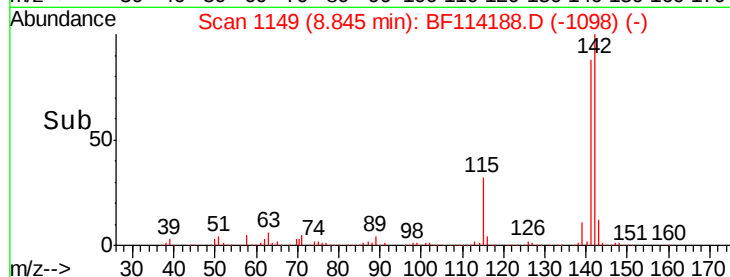
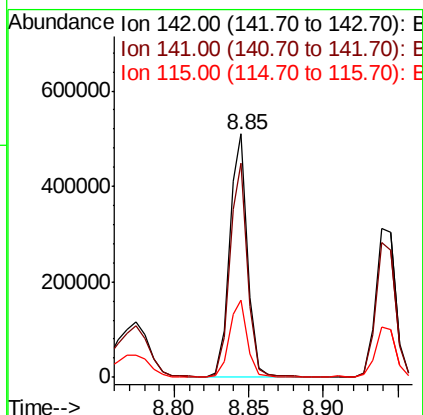
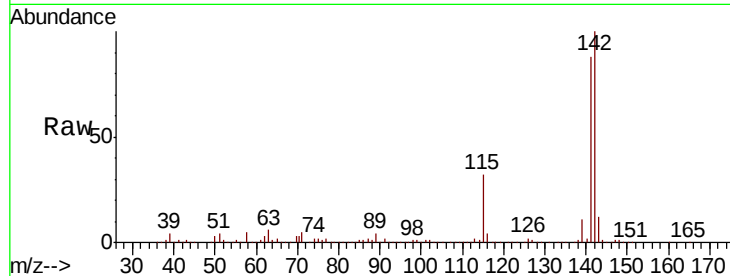




#37
 2-Methylnaphthalene
 Concen: 13.231 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF114188.D
 Acq: 12 May 2019 13:28

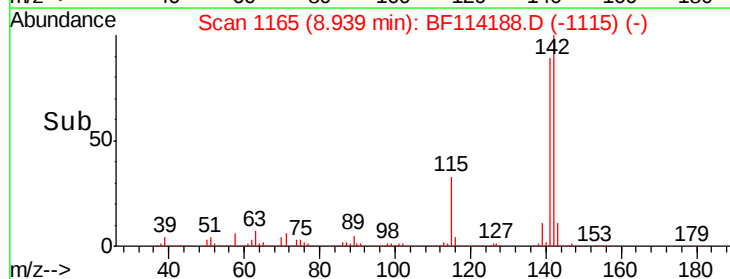
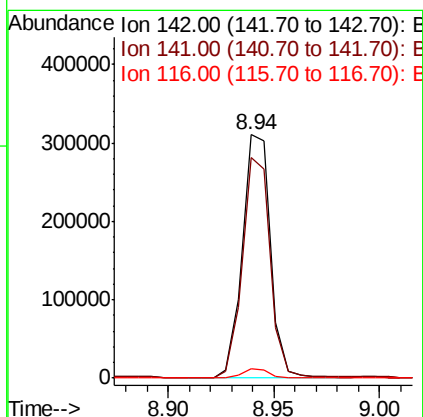
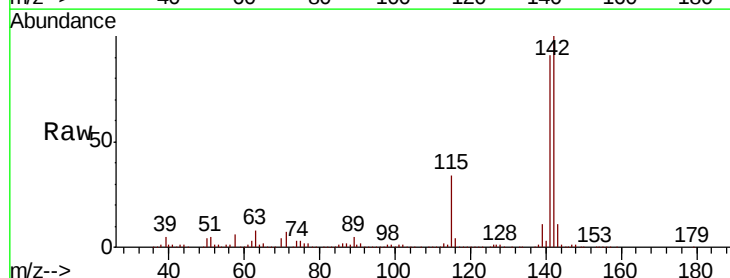
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS007-0002-01

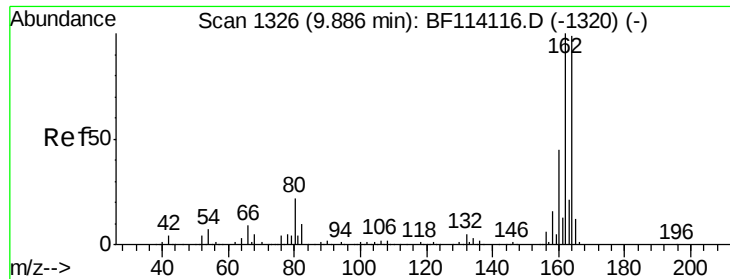
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.1	108.1
115	32.0	28.0	42.0



#38
 1-Methylnaphthalene
 Concen: 9.235 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF114188.D
 Acq: 12 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.0
116	3.8	3.1	4.7

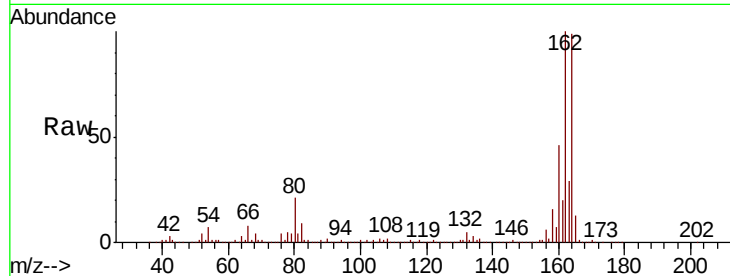




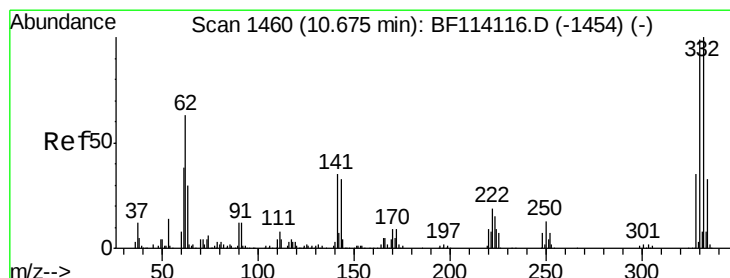
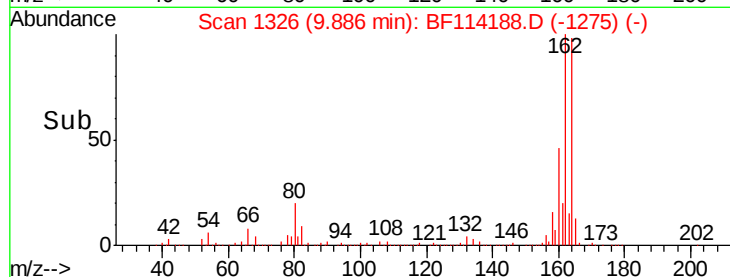
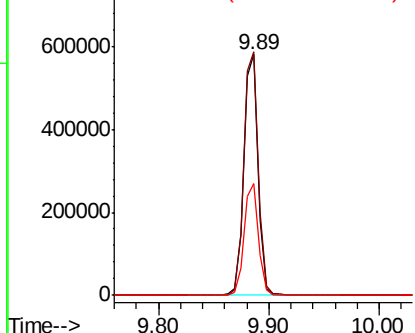
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114188.D
Acq: 12 May 2019 13:28

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0002-01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	46.5	36.5	54.7

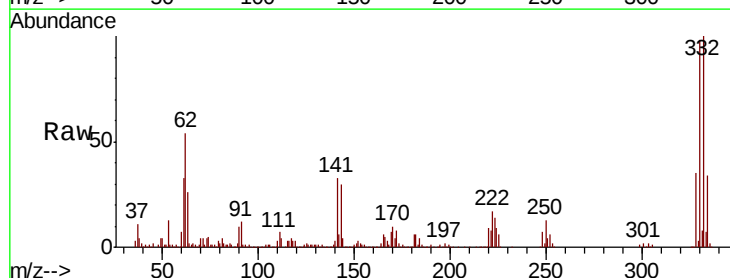


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

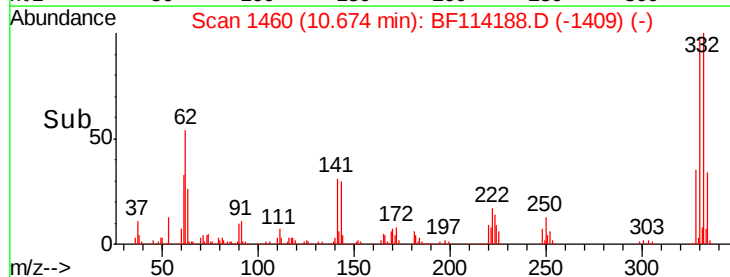
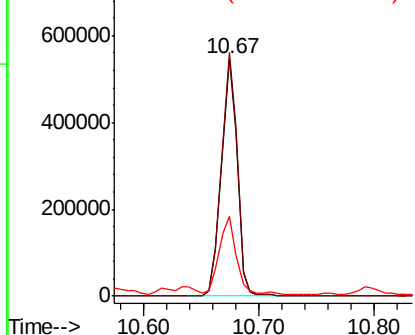


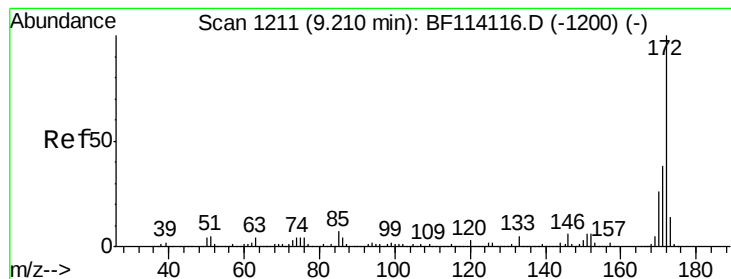
#42
2,4,6-Tribromophenol
Concen: 96.529 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114188.D
Acq: 12 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.5	81.4	122.2
141	33.4	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: 56.976 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

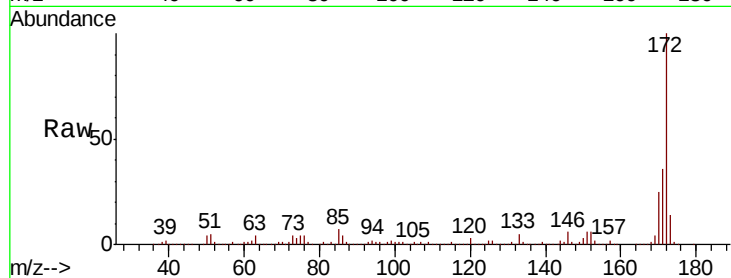
Tgt Ion:172 Resp: 1983787

Ion Ratio Lower Upper

172 100

171 36.3 30.7 46.1

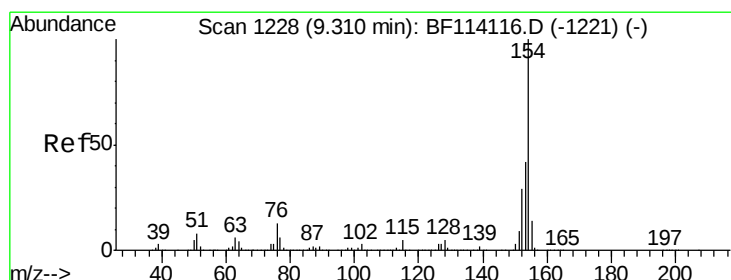
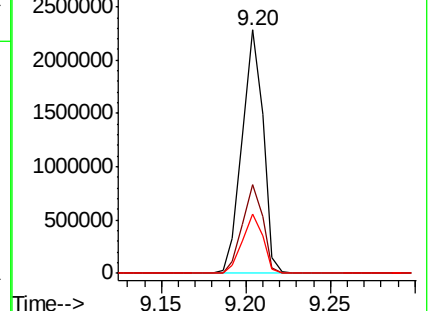
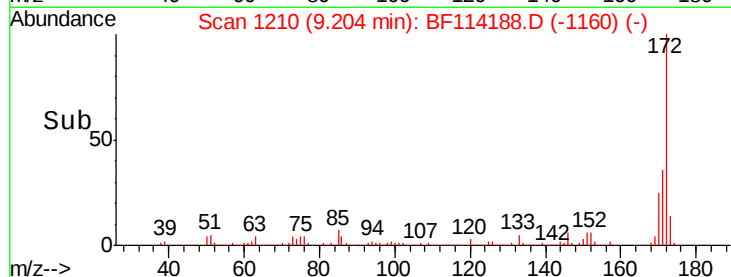
170 24.6 20.5 30.7



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



#46

1,1'-Biphenyl

Concen: 4.260 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

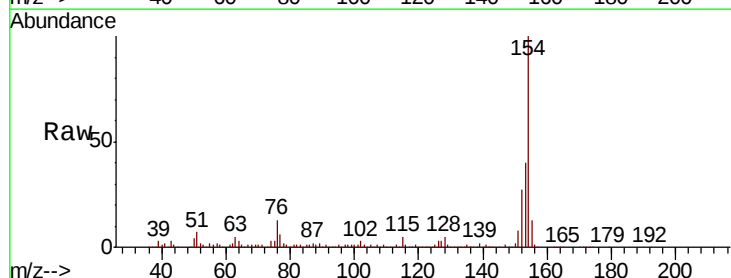
Tgt Ion:154 Resp: 181237

Ion Ratio Lower Upper

154 100

153 40.1 21.9 61.9

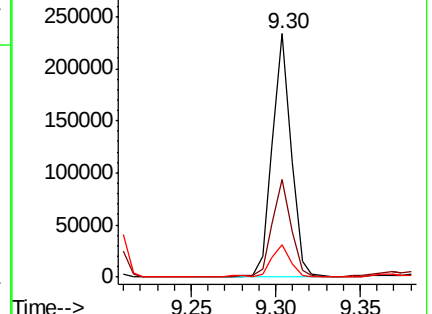
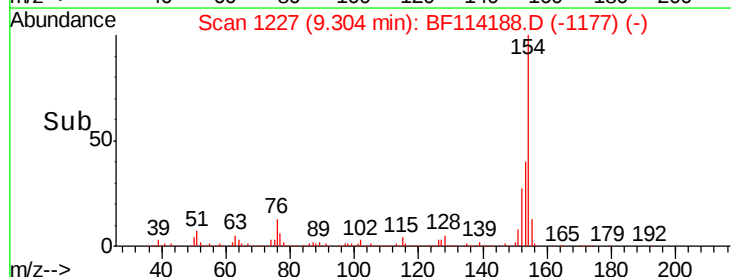
76 13.2 0.0 32.8

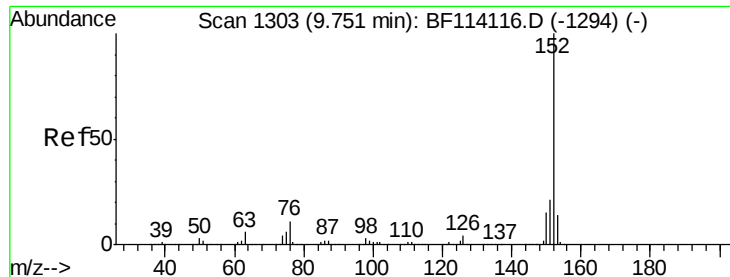


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#49

Acenaphthylene

Concen: 29.299 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

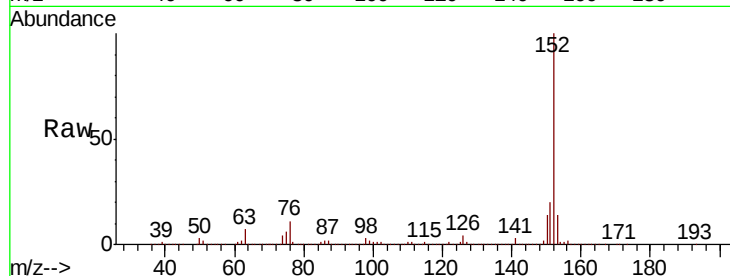
Tgt Ion:152 Resp: 1525901

Ion Ratio Lower Upper

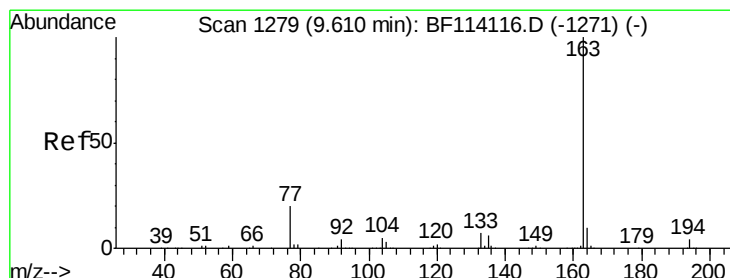
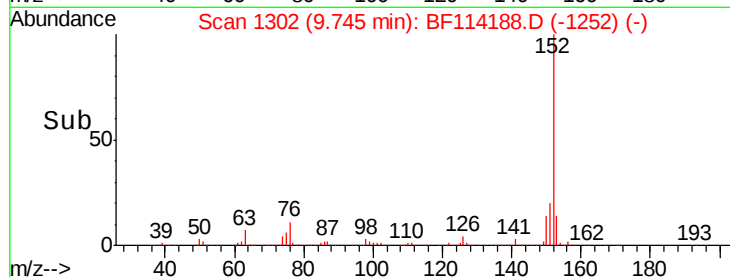
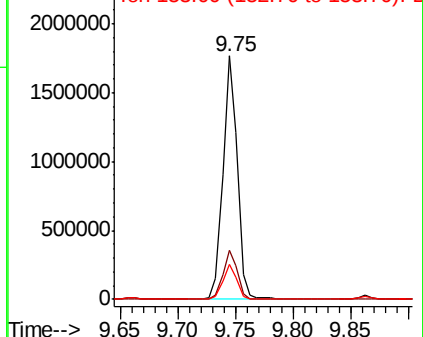
152 100

151 20.4 16.8 25.2

153 14.2 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: 9.689 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

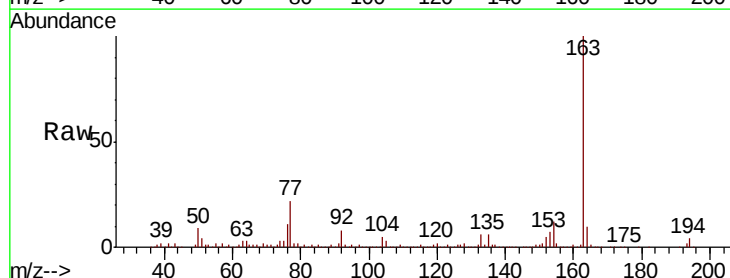
Tgt Ion:163 Resp: 374592

Ion Ratio Lower Upper

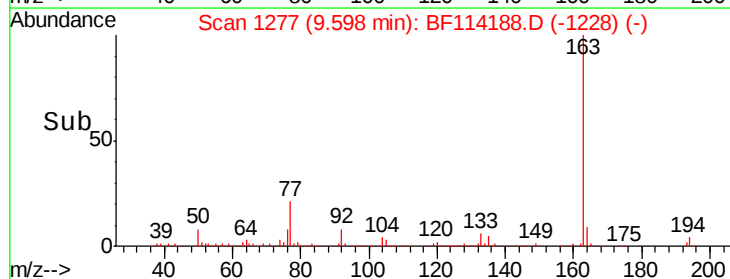
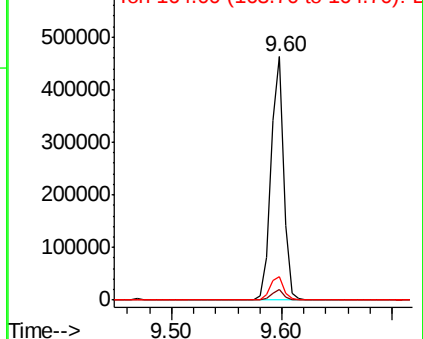
163 100

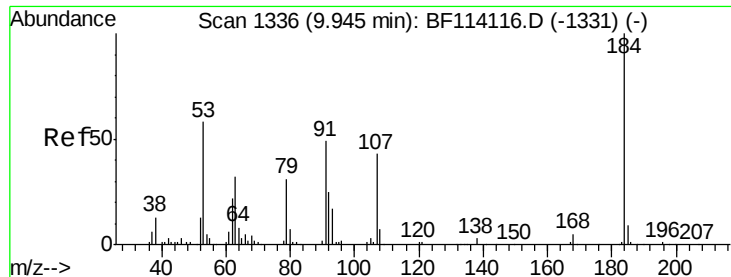
194 4.3 3.4 5.0

164 9.6 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

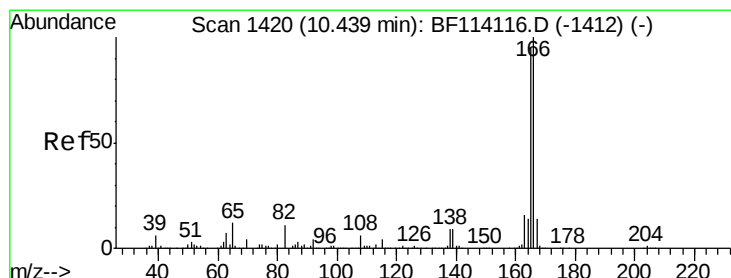
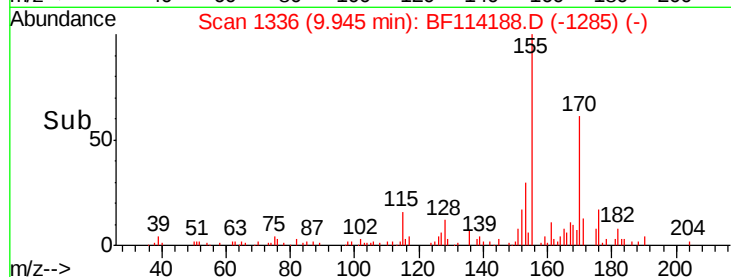
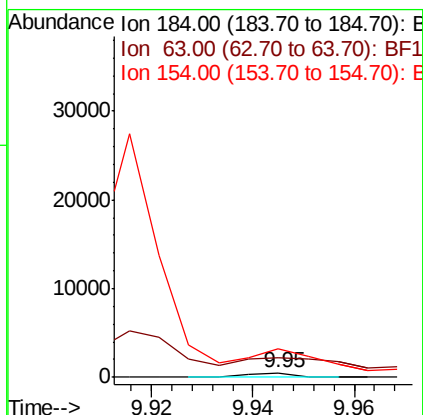
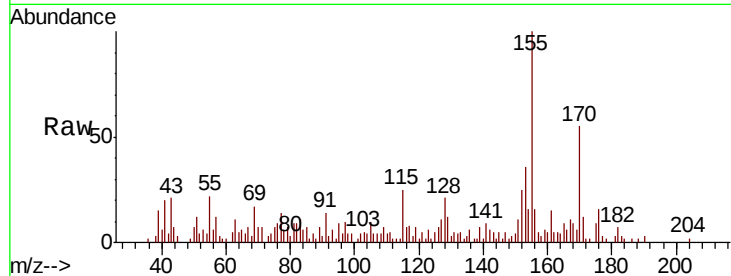




#54
2,4-Dinitrophenol
Concen: 6.804 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114188.D
Acq: 12 May 2019 13:28

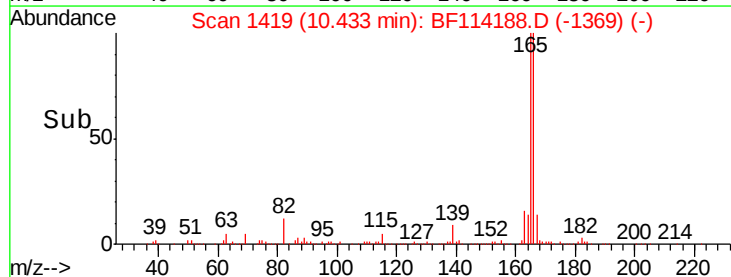
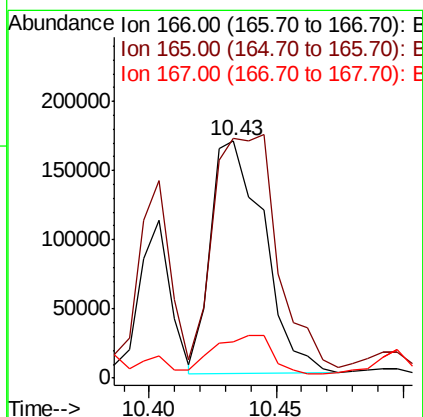
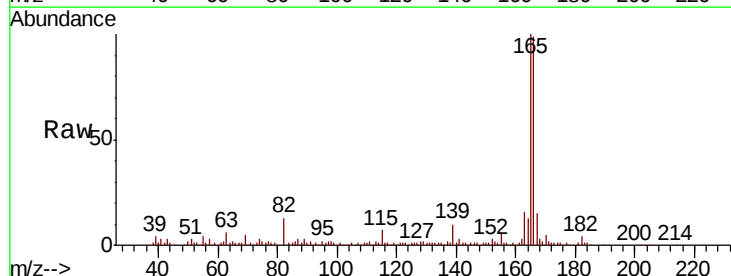
Instrument :
BNA_F
ClientSampleId :
P026-SS007-0002-01

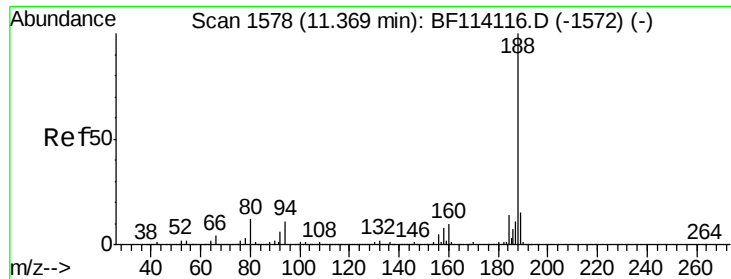
Tgt Ion:184 Resp: 277
Ion Ratio Lower Upper
184 100
63 449.7 55.6 83.4#
154 671.9 46.0 69.0#



#58
Fluorene
Concen: 6.814 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114188.D
Acq: 12 May 2019 13:28

Tgt Ion:166 Resp: 246647
Ion Ratio Lower Upper
166 100
165 101.1 76.1 114.1
167 15.3 11.1 16.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

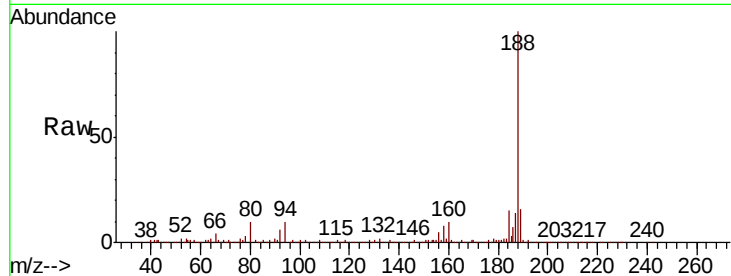
Tgt Ion:188 Resp: 1052271

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

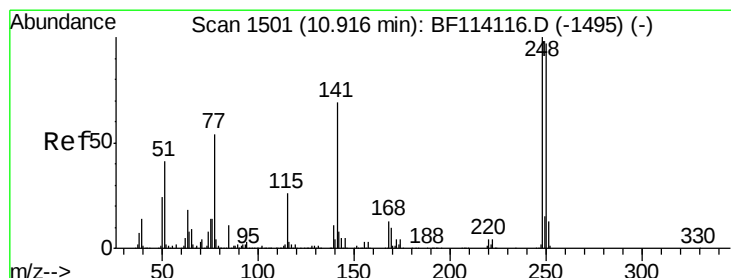
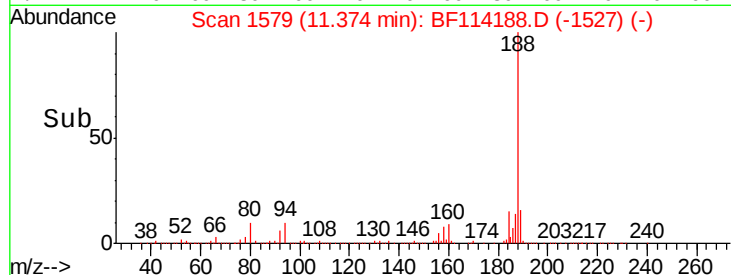
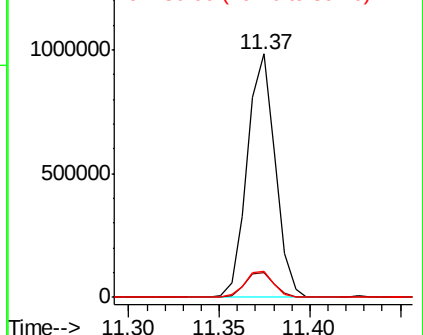
80 10.4 9.2 13.8



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



#67

4-Bromophenyl-phenylether

Concen: 2.955 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

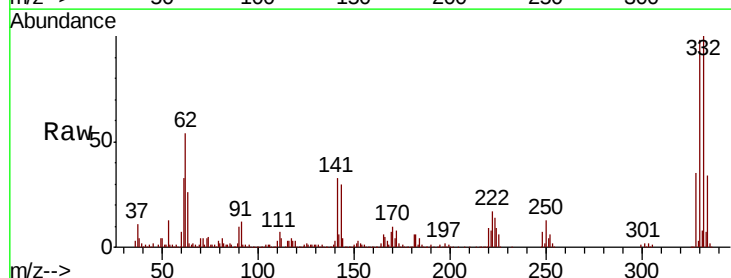
Tgt Ion:248 Resp: 34232

Ion Ratio Lower Upper

248 100

250 189.5 77.4 116.2#

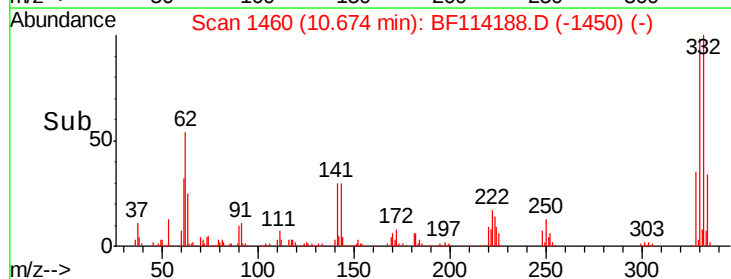
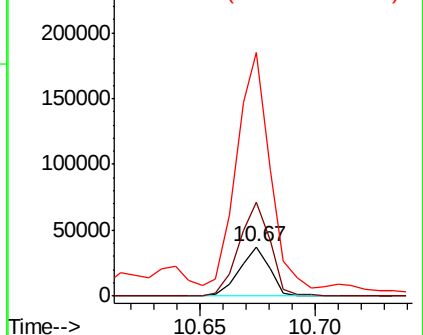
141 494.2 55.6 83.4#

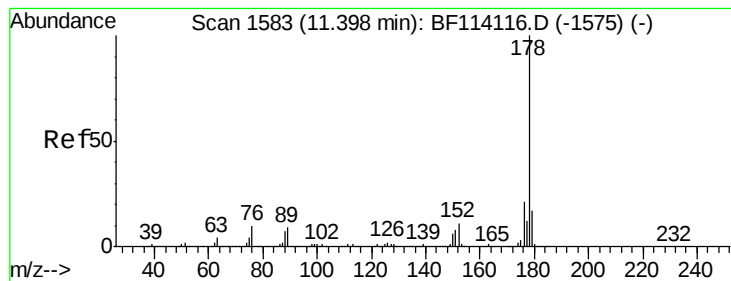


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 95.001 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

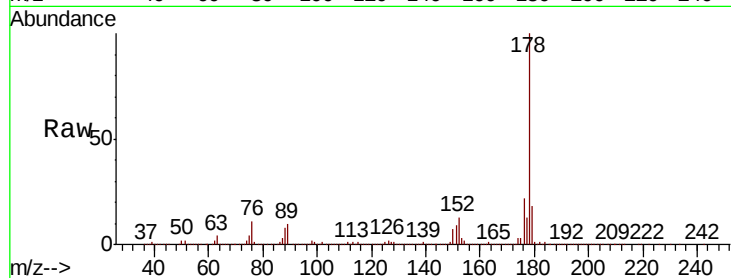
Tgt Ion:178 Resp: 4863522

Ion Ratio Lower Upper

178 100

176 22.4 16.4 24.6

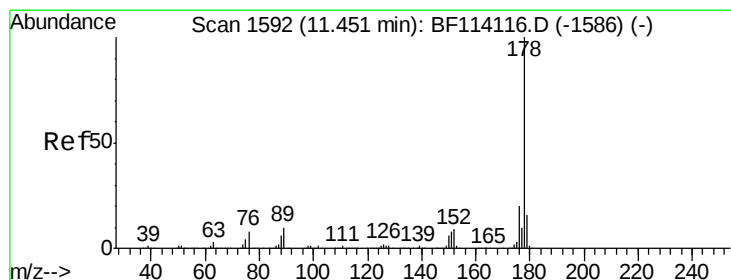
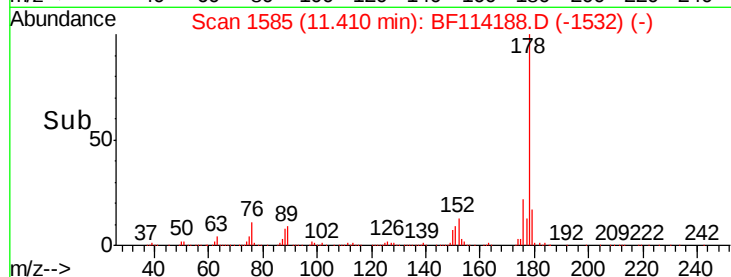
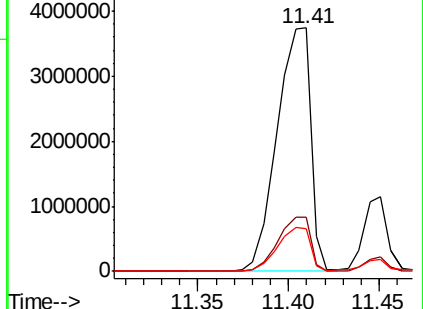
179 17.6 13.2 19.8



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: 19.395 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

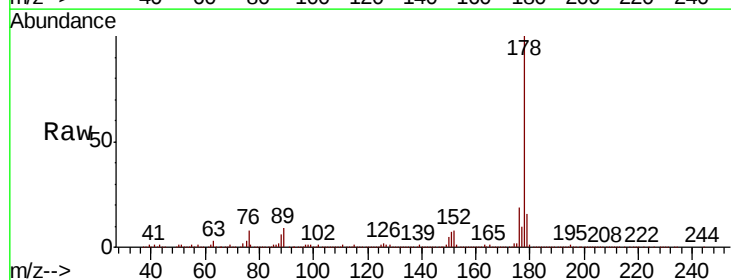
Tgt Ion:178 Resp: 997292

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

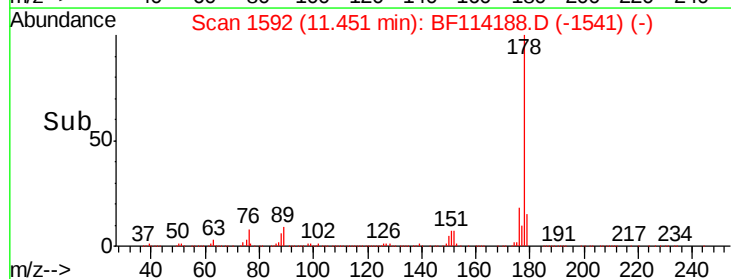
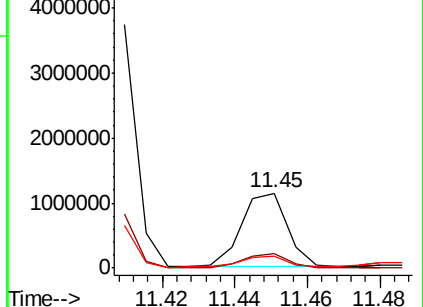
179 15.5 13.0 19.4

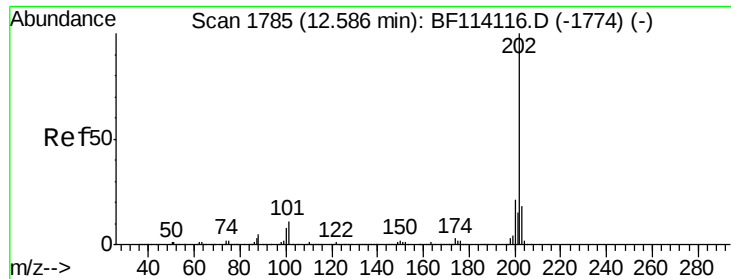


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 103.100 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.02 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

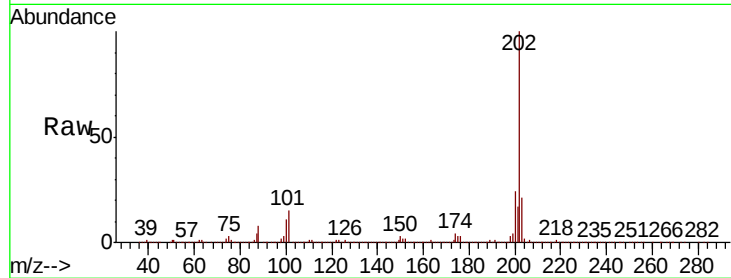
Tgt Ion:202 Resp: 5683864

Ion Ratio Lower Upper

202 100

101 14.8 0.0 31.0

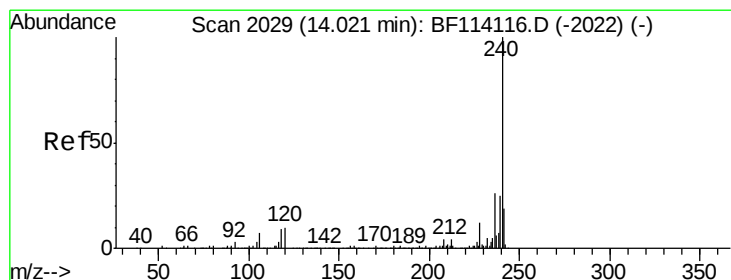
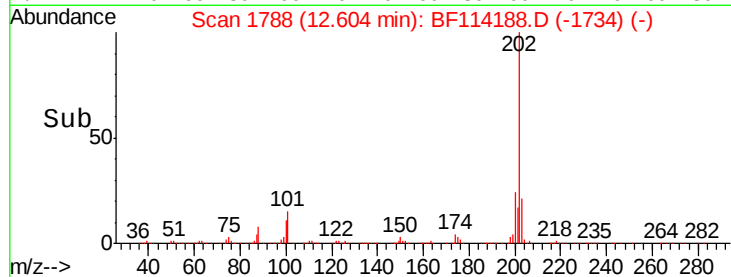
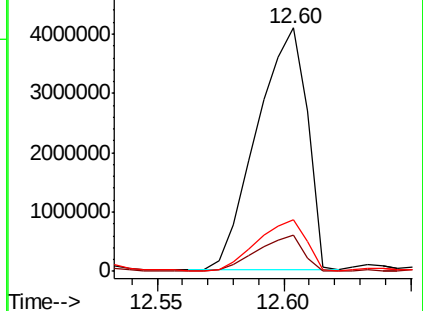
203 21.2 0.0 38.4



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: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

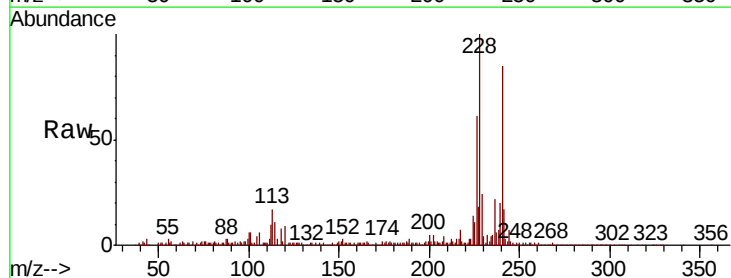
Tgt Ion:240 Resp: 562652

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

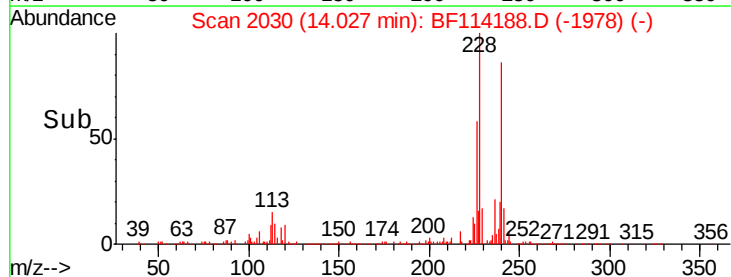
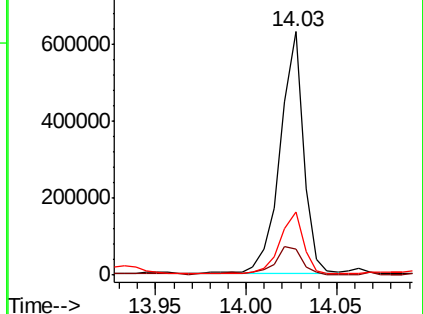
236 25.8 20.8 31.2

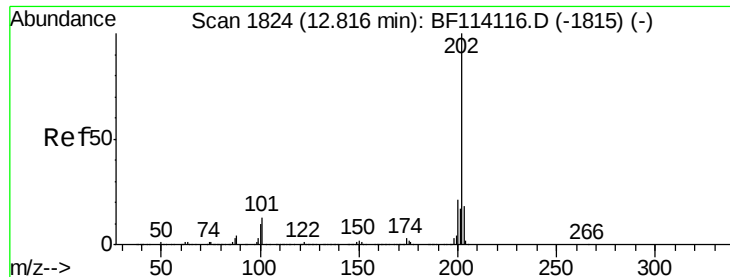


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 191.484 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.03 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

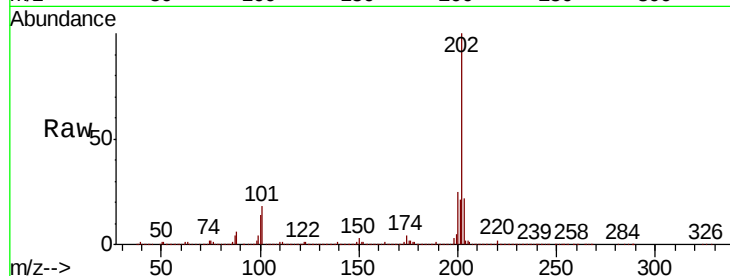
Tgt Ion:202 Resp: 8667077

Ion Ratio Lower Upper

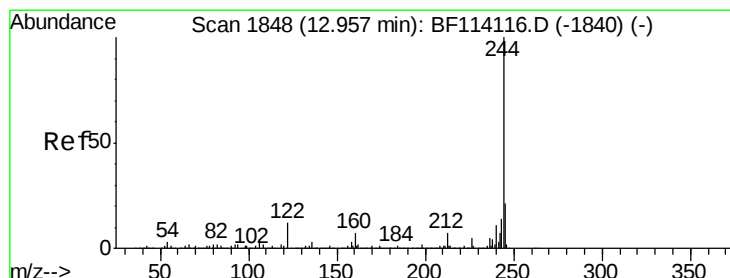
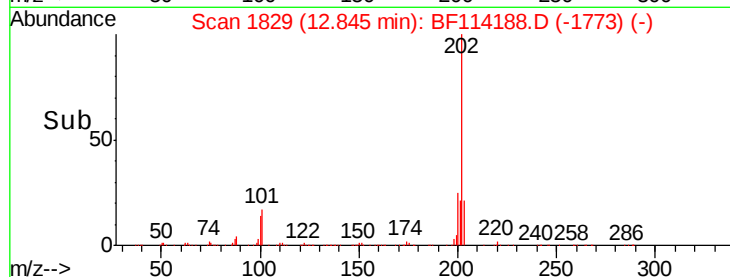
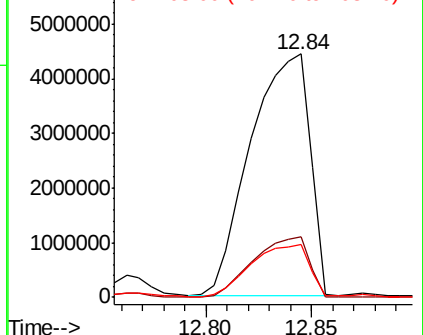
202 100

200 25.0 16.9 25.3

203 21.5 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
6000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 63.089 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

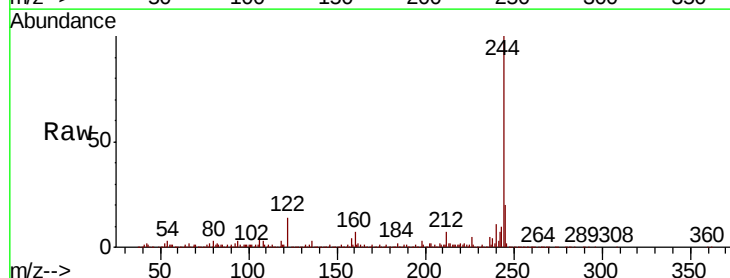
Tgt Ion:244 Resp: 1721968

Ion Ratio Lower Upper

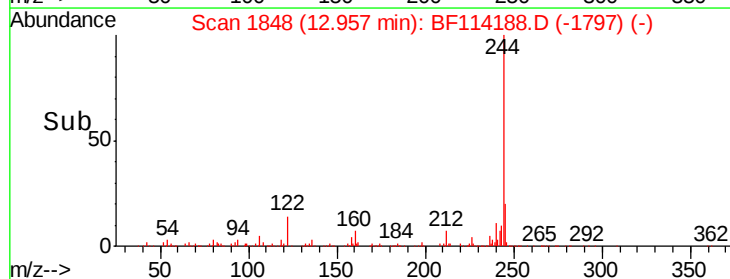
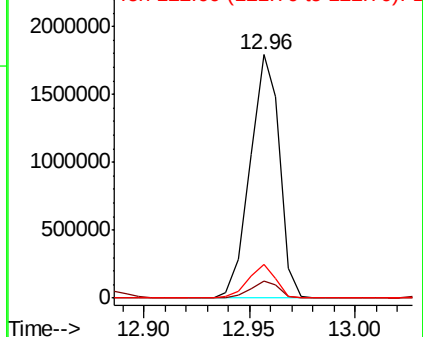
244 100

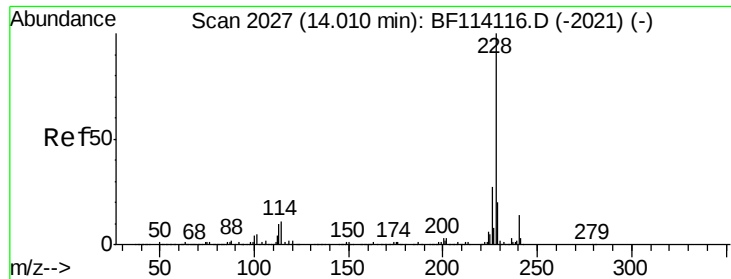
212 6.9 5.8 8.6

122 13.6 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

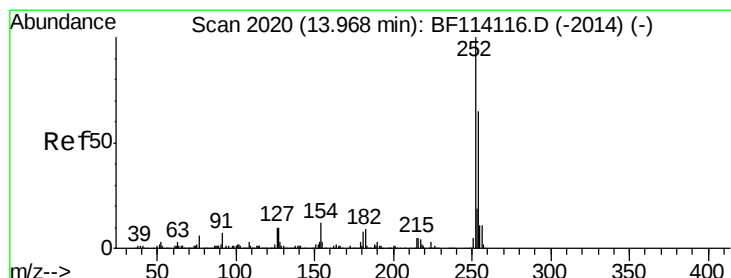
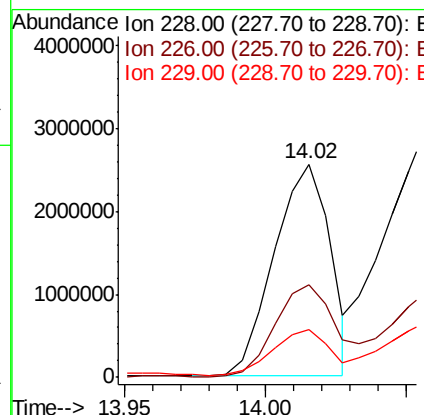
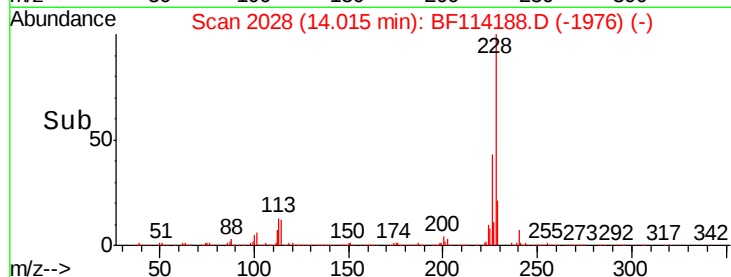
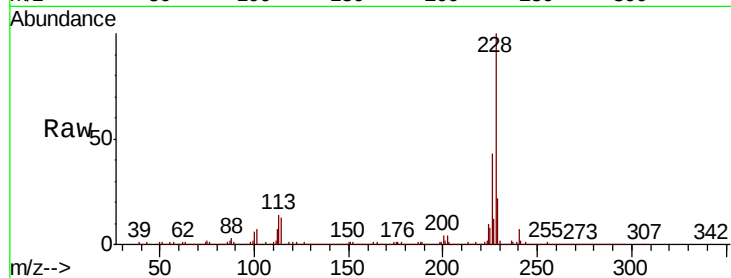




#81
Benzo(a)anthracene
Concen: 97.202 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114188.D
Acq: 12 May 2019 13:28

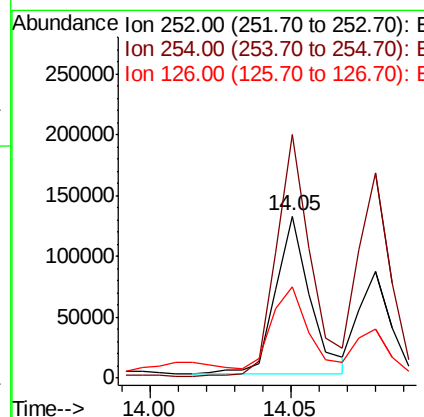
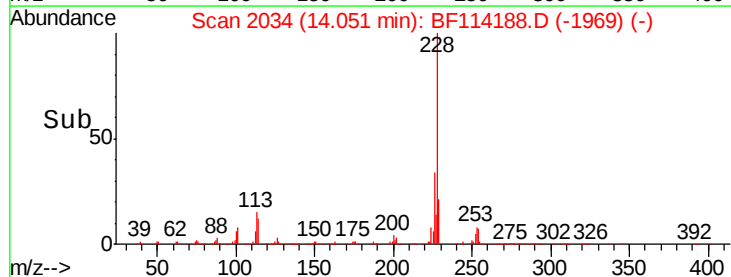
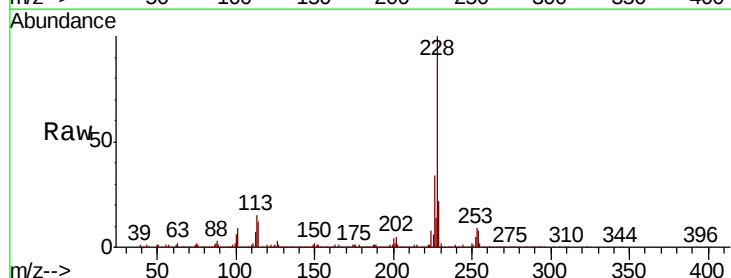
Instrument :
BNA_F
ClientSampleId :
P026-SS007-0002-01

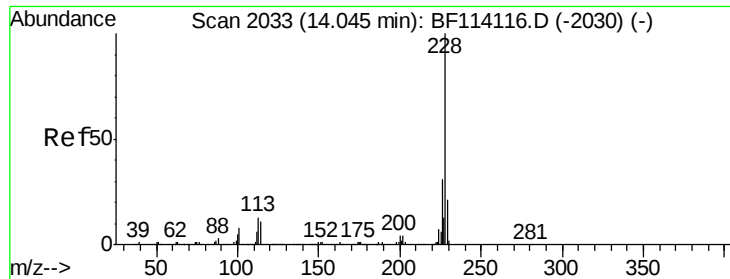
Tgt Ion:228 Resp: 3537372
Ion Ratio Lower Upper
228 100
226 43.5 22.2 33.2#
229 22.2 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 7.879 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.08 min
Lab File: BF114188.D
Acq: 12 May 2019 13:28

Tgt Ion:252 Resp: 111238
Ion Ratio Lower Upper
252 100
254 150.5 51.9 77.9#
126 56.6 7.9 11.9#





#83

Chrysene

Concen: 103.661 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

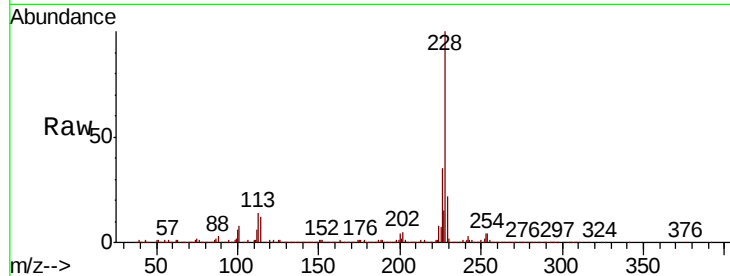
Tgt Ion:228 Resp: 3698039

Ion Ratio Lower Upper

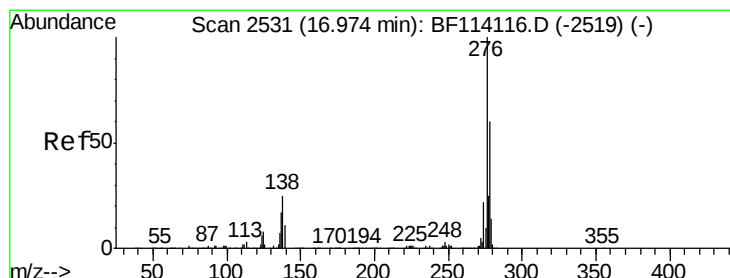
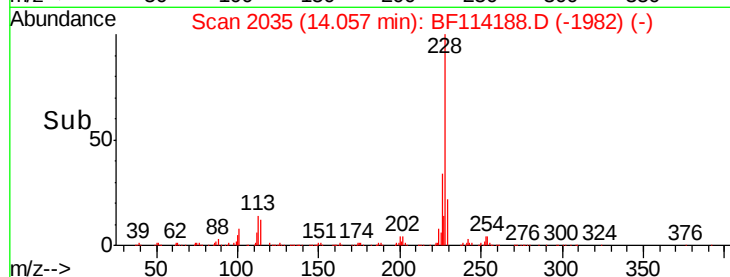
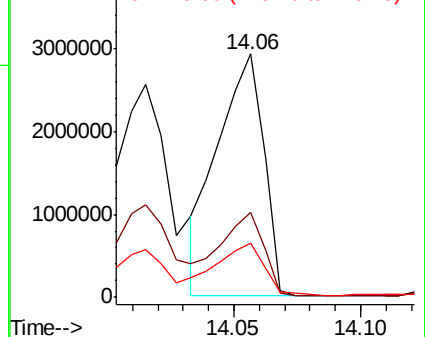
228 100

226 34.7 25.0 37.6

229 22.4 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: 78.028 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

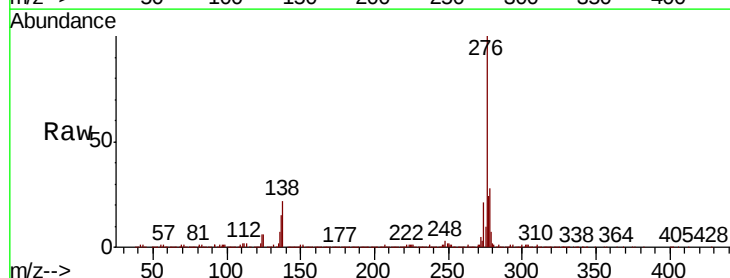
Tgt Ion:276 Resp: 2460090

Ion Ratio Lower Upper

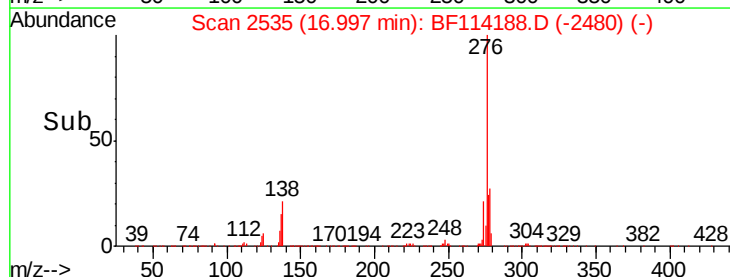
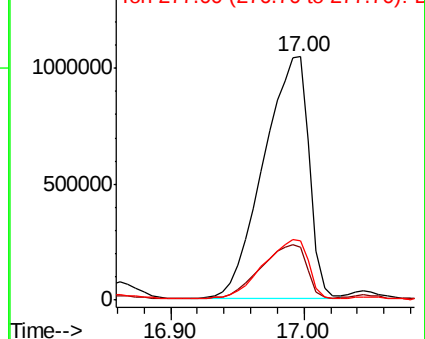
276 100

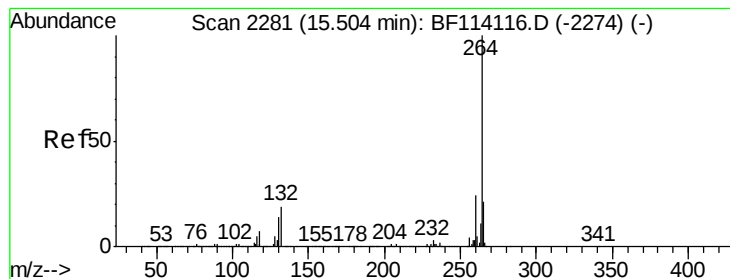
138 22.8 20.2 30.2

277 24.3 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# 2281

Delta R.T. -0.00 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

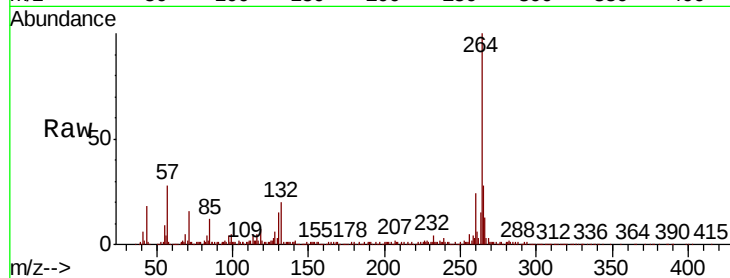
Tgt Ion:264 Resp: 753003

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

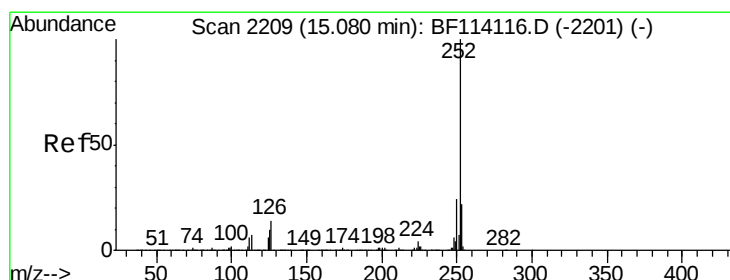
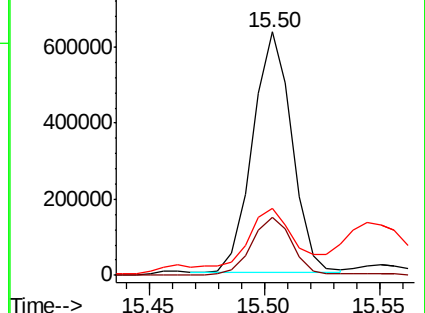
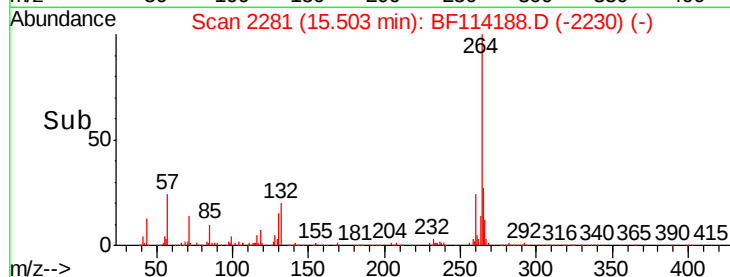
265 27.6 16.9 25.3#



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: 119.556 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

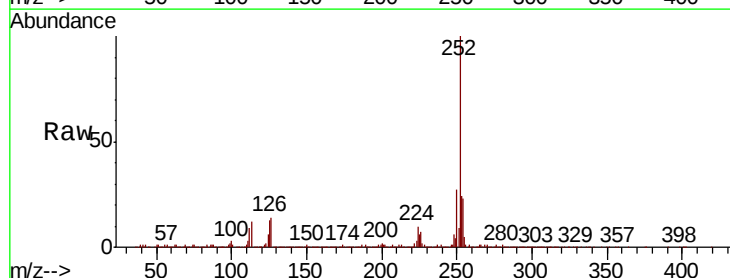
Tgt Ion:252 Resp: 5767580

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

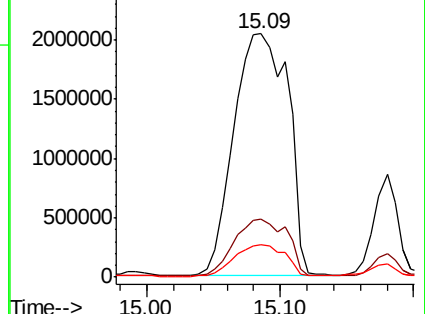
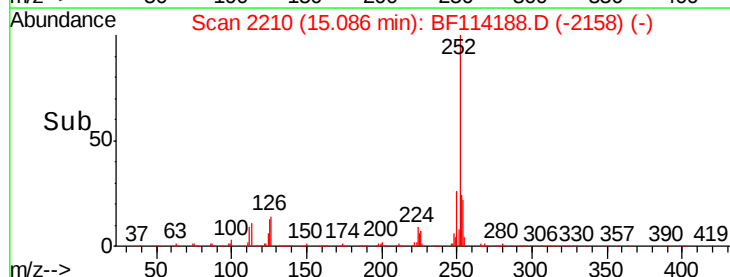
125 13.2 8.3 12.5#

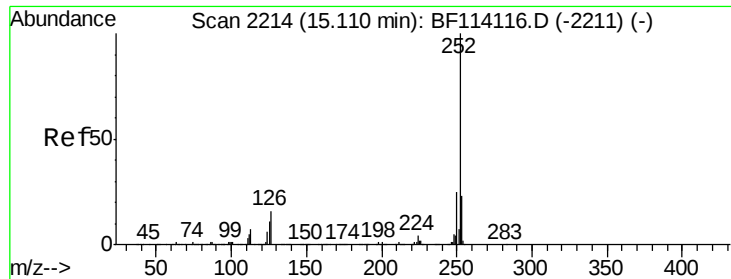


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 130.150 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.02 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

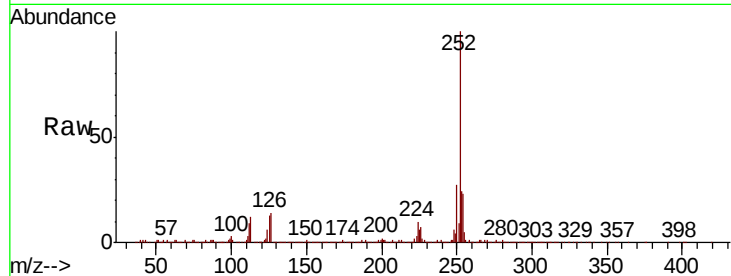
Tgt Ion:252 Resp: 5767580

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

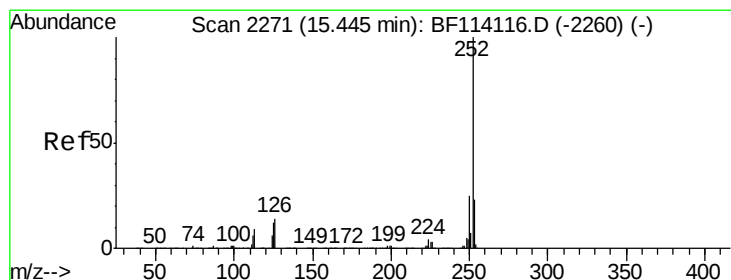
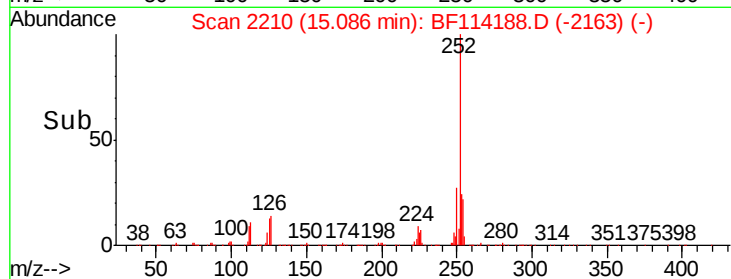
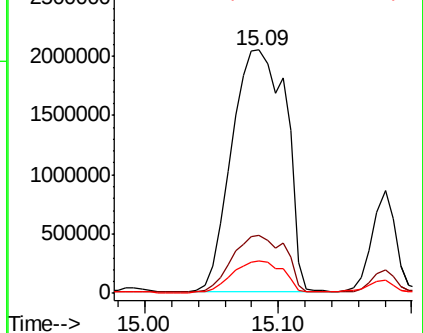
125 13.2 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 77.515 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

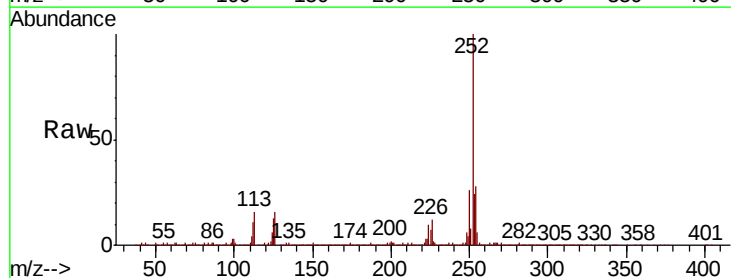
Tgt Ion:252 Resp: 3291018

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

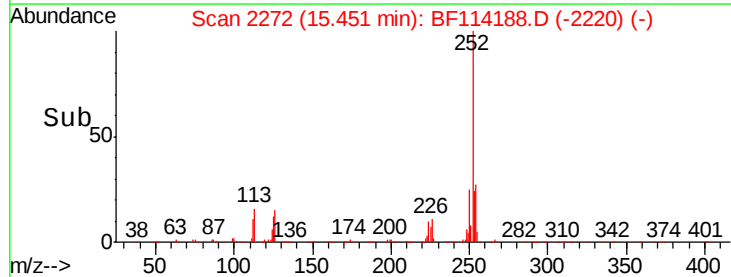
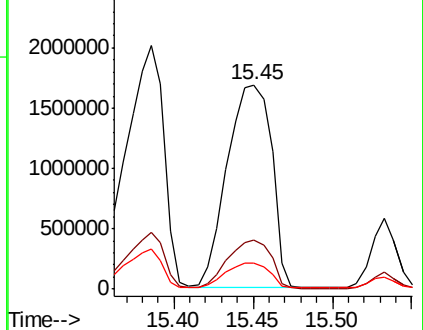
125 12.8 9.5 14.3

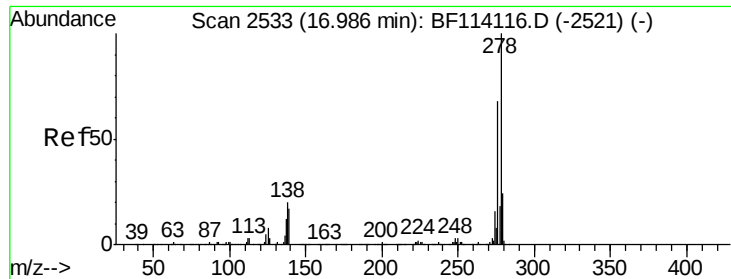


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 18.962 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0002-01

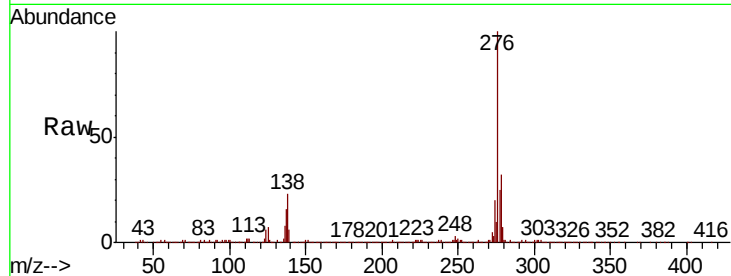
Tgt Ion:278 Resp: 668985

Ion Ratio Lower Upper

278 100

139 18.3 13.5 20.3

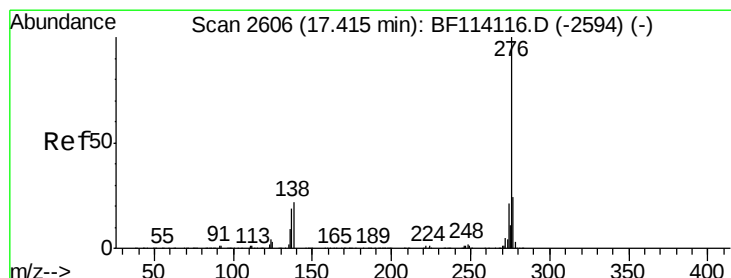
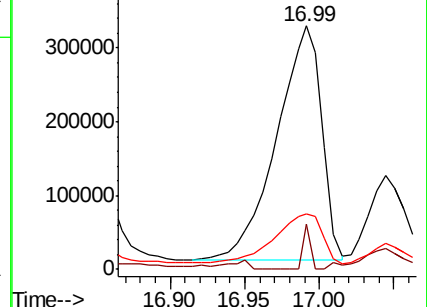
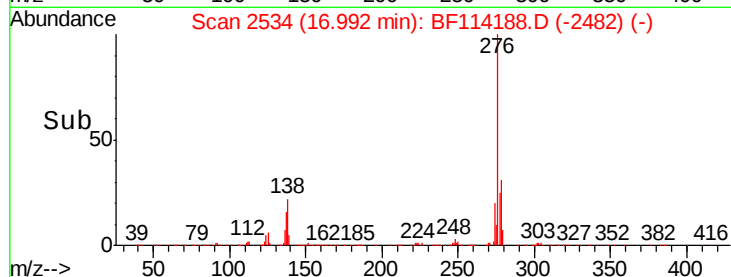
279 22.8 19.0 28.6



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: 79.359 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.04 min

Lab File: BF114188.D

Acq: 12 May 2019 13:28

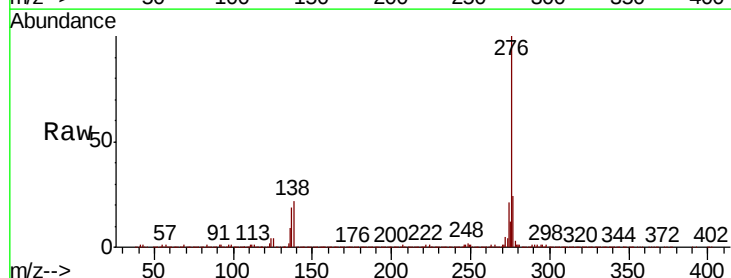
Tgt Ion:276 Resp: 2805758

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 22.0 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

