

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114189.D
 Acq On : 12 May 2019 13:54
 Operator : JU/SJ
 Sample : K2766-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS007-0206-01

Quant Time: May 13 07:43:47 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	296012	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1137579	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	540680	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1083715	20.00	ng	0.00
76) Chrysene-d12	14.02	240	620774	20.00	ng	0.00
87) Perylene-d12	15.48	264	759655	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1479471	80.43	ng	0.00
7) Phenol-d6	6.49	99	1993786	91.65	ng	0.00
23) Nitrobenzene-d5	7.41	82	1236350	60.99	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	494348	88.44	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1920857	53.74	ng	0.00
79) Terphenyl-d14	12.95	244	1827431	60.68	ng	0.00

Target Compounds

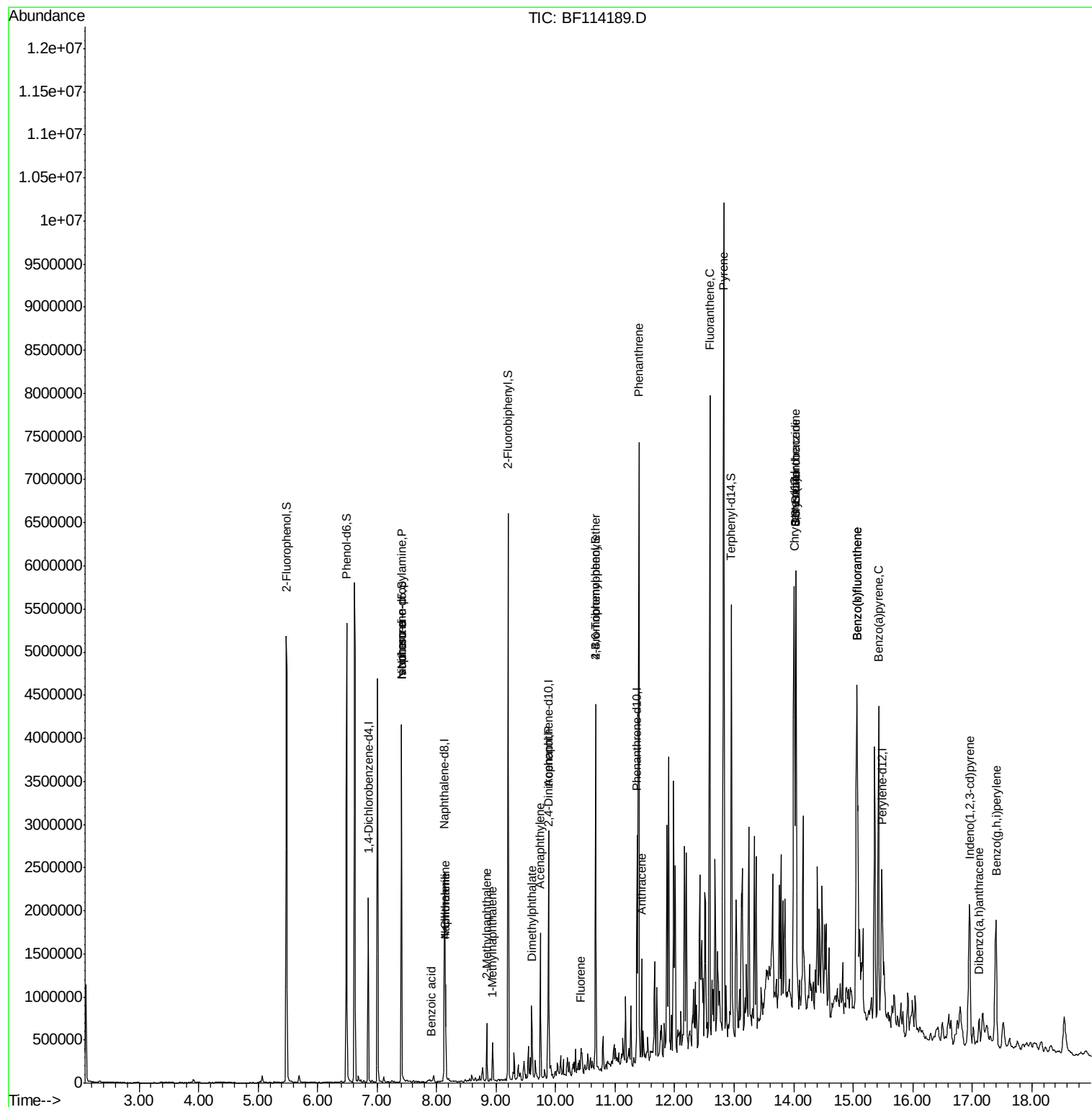
						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	163234	11.837	ng	# 76
25) Isophorone	7.41	82	1220253	32.459	ng	# 64
31) Naphthalene	8.15	128	412019	7.754	ng	97
32) Benzoic acid	7.91	122	2169	7.186	ng	# 51
33) 4-Chloroaniline	8.15	127	53289	2.201	ng	# 43
37) 2-Methylnaphthalene	8.85	142	180507	5.265	ng	96
38) 1-Methylnaphthalene	8.94	142	116299	3.602	ng	97
49) Acenaphthylene	9.75	152	647321	12.107	ng	98
50) Dimethylphthalate	9.60	163	306534	7.723	ng	98
54) 2,4-Dinitrophenol	9.87	184	120	6.770	ng	# 1
58) Fluorene	10.43	166	103918	2.796	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	32140	2.694	ng	# 1
71) Phenanthrene	11.40	178	2697477	51.162	ng	98
72) Anthracene	11.44	178	426173	8.048	ng	99
75) Fluoranthene	12.59	202	3238041	57.031	ng	96
78) Pyrene	12.83	202	5139118	102.909	ng	94
81) Benzo(a)anthracene	14.04	228	2049790	51.052	ng	95
82) 3,3'-Dichlorobenzidine	14.04	252	60781	3.902	ng	# 1
83) Chrysene	14.04	228	2049790	52.078	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1136112	32.661	ng	97
88) Benzo(b)fluoranthene	15.06	252	2856653	58.697	ng	# 98
89) Benzo(k)fluoranthene	15.06	252	2856653	63.898	ng	98
90) Benzo(a)pyrene	15.43	252	1590587	37.136	ng	99
91) Dibenzo(a,h)anthracene	17.12	278	211569	5.944	ng	98
92) Benzo(g,h,i)perylene	17.40	276	1274734	35.739	ng	99

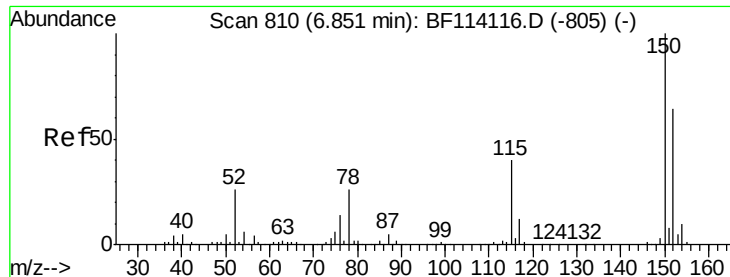
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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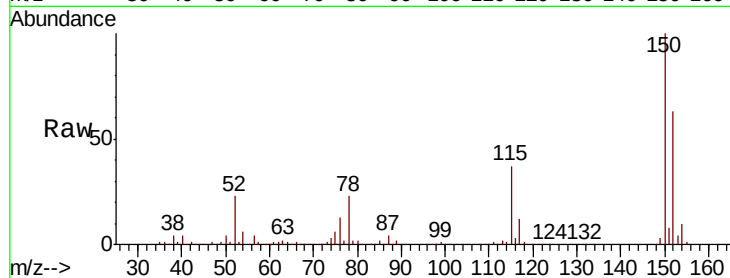


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.3	186.5
115	59.5	49.1	73.7

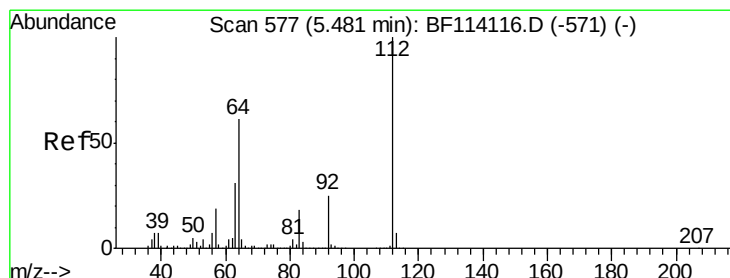
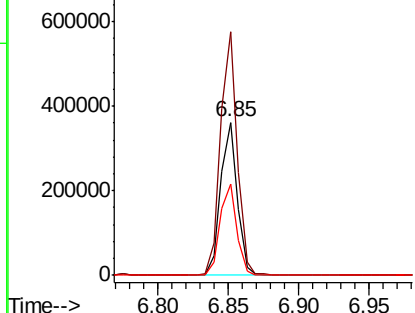
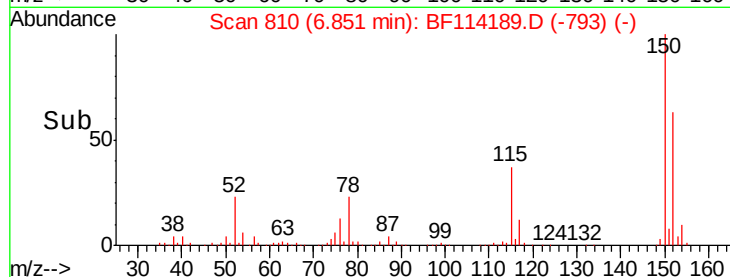


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

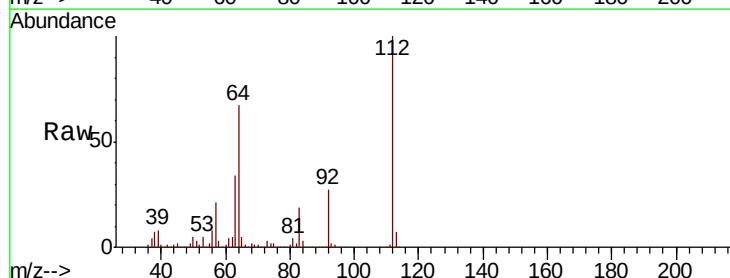
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.431 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	49.0	73.6
63	33.7	24.6	37.0

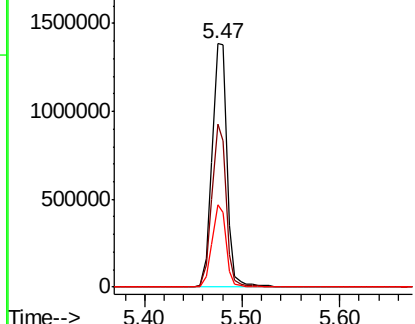
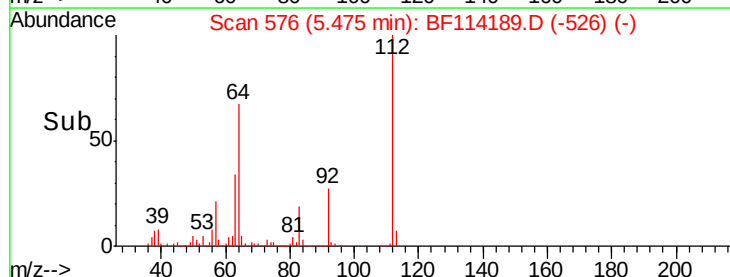


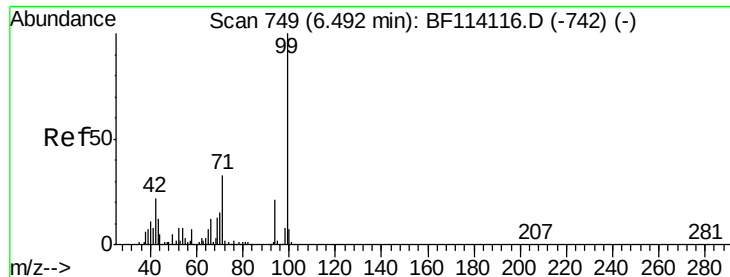
Abundance

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: 91.645 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0206-01

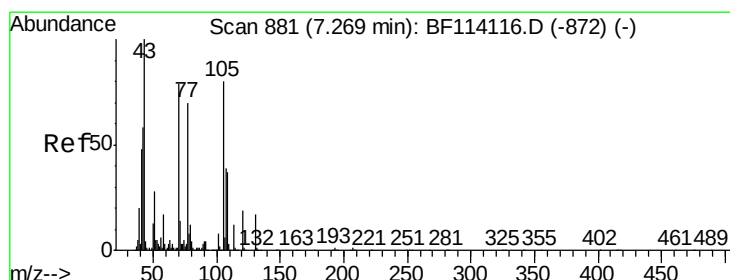
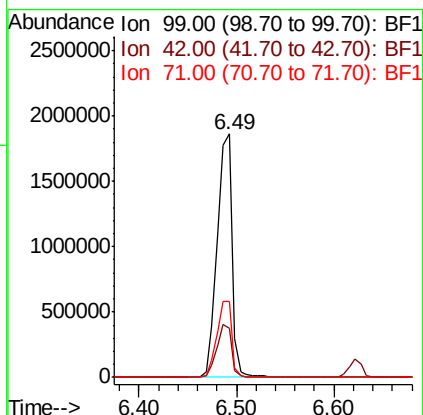
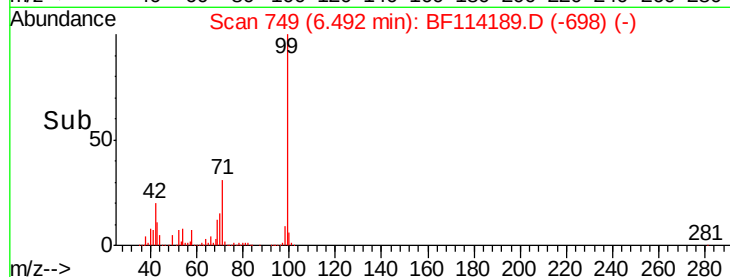
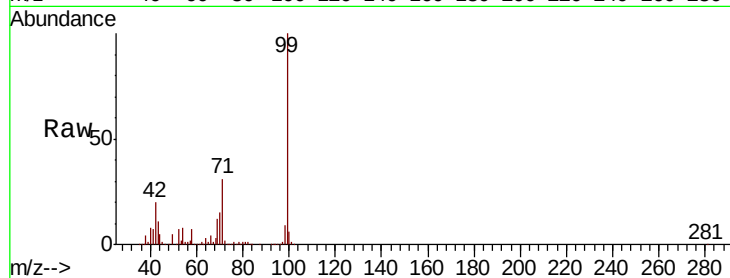
Tgt Ion: 99 Resp: 1993786

Ion Ratio Lower Upper

99 100

42 20.2 17.9 26.9

71 31.3 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.837 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Tgt Ion: 70 Resp: 163234

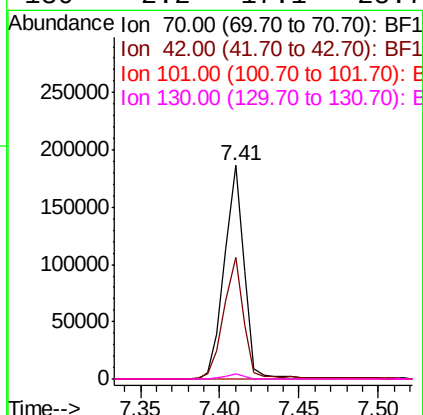
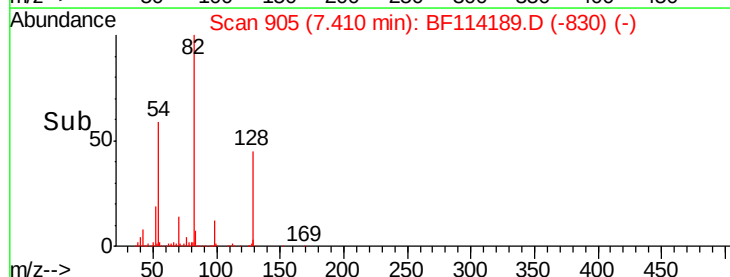
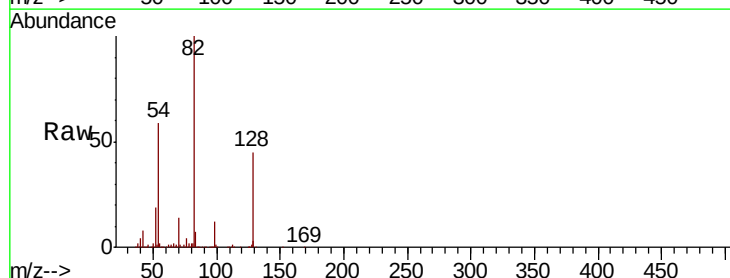
Ion Ratio Lower Upper

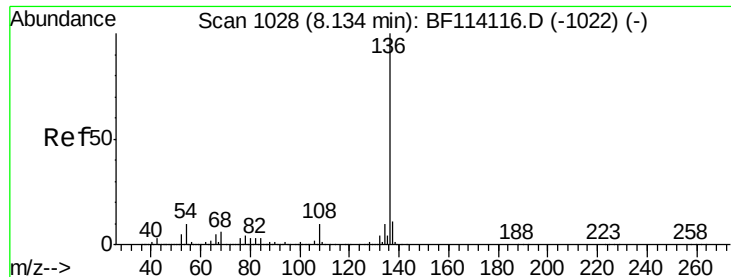
70 100

42 56.9 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

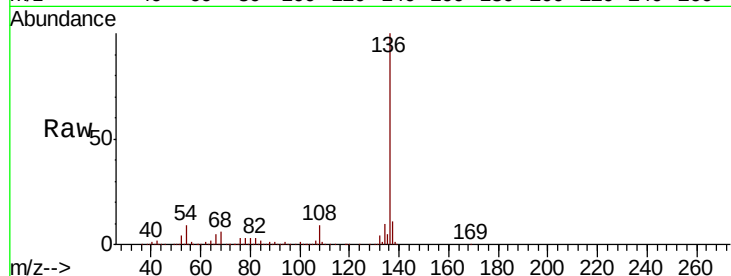




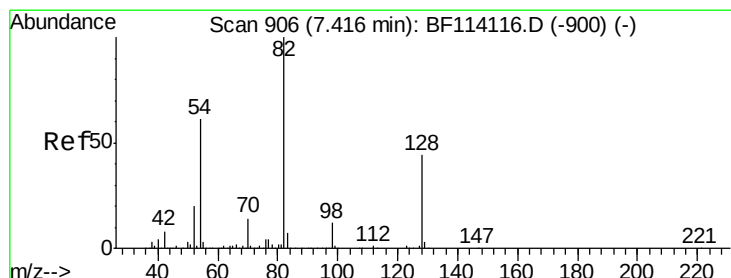
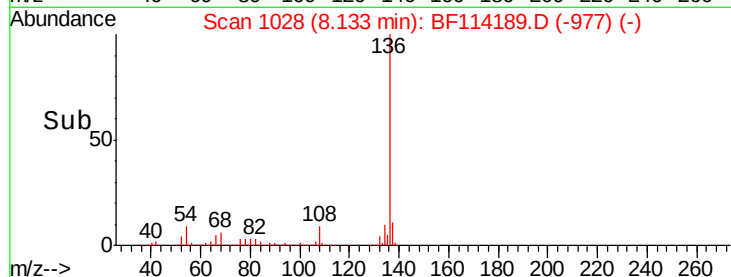
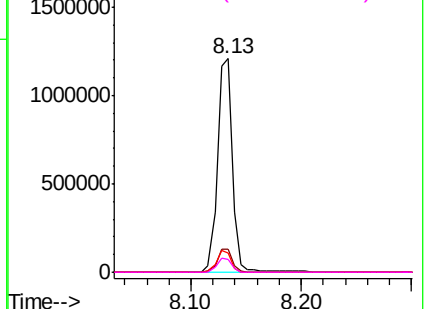
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:	136	Resp:	1137579
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.7	7.8	11.8
68	6.0	5.1	7.7

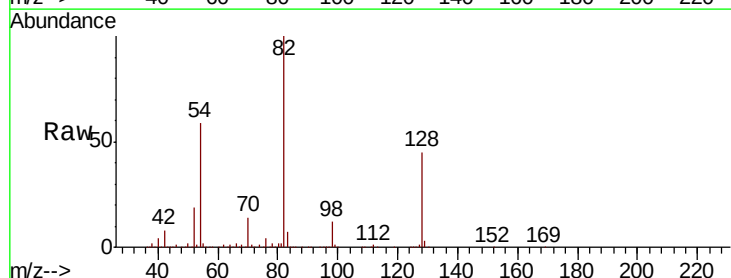


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

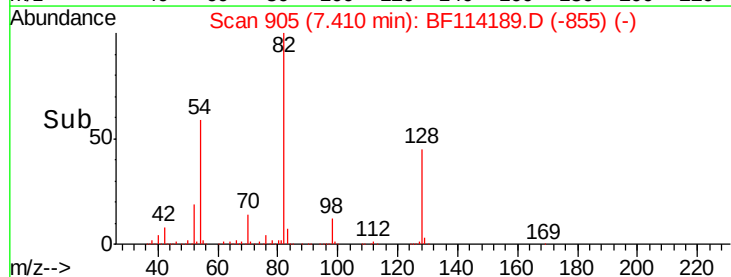
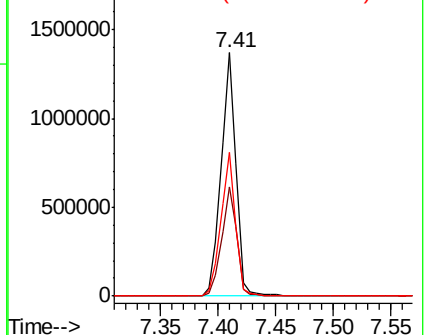


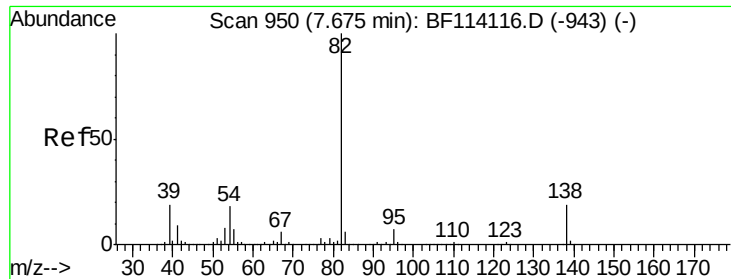
#23
Nitrobenzene-d5
Concen: 60.993 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:	82	Resp:	1236350
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.5	53.3
54	59.1	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





#25

Isophorone

Concen: 32.459 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0206-01

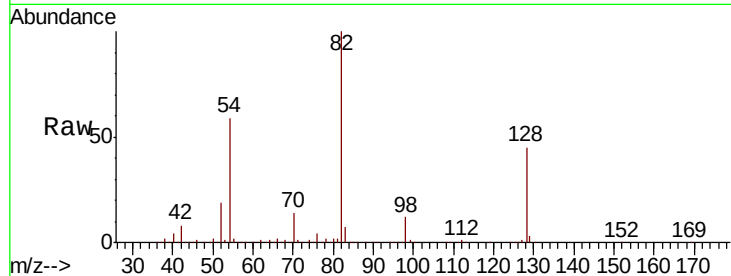
Tgt Ion: 82 Resp: 1220253

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

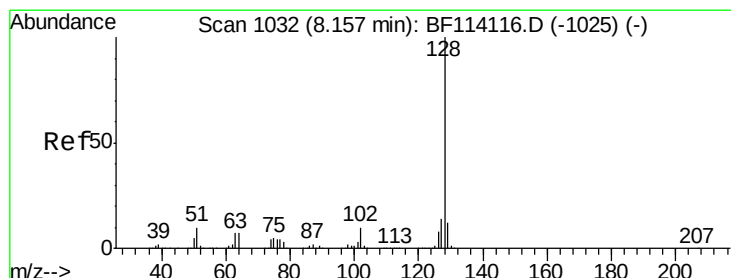
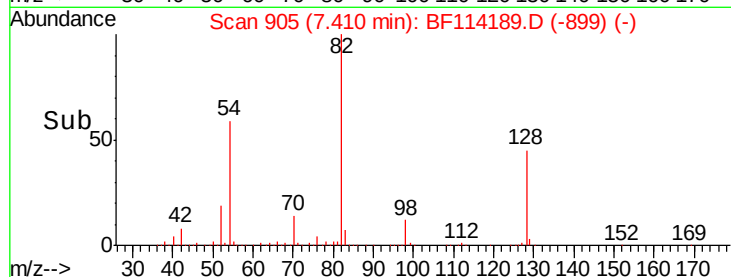
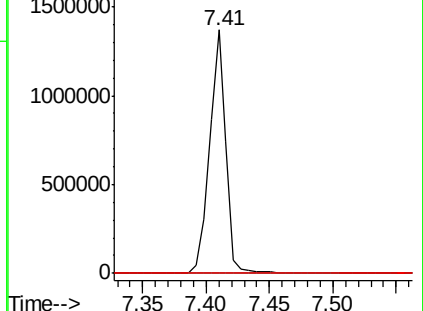
138 0.0 14.8 22.2#



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: 7.754 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

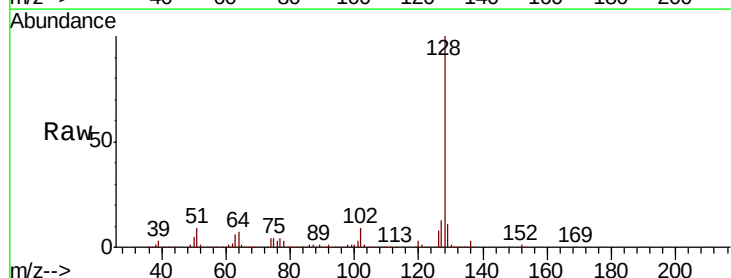
Tgt Ion: 128 Resp: 412019

Ion Ratio Lower Upper

128 100

129 10.9 9.6 14.4

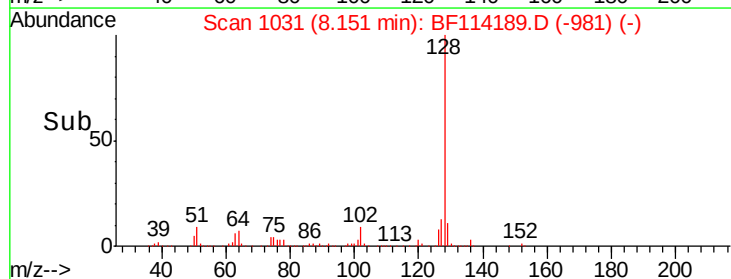
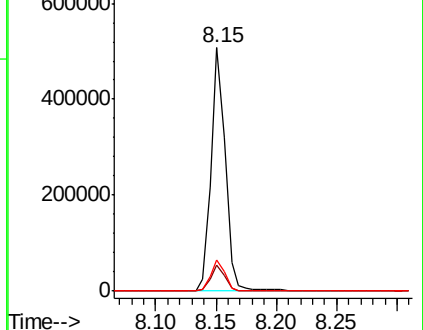
127 12.7 11.3 16.9

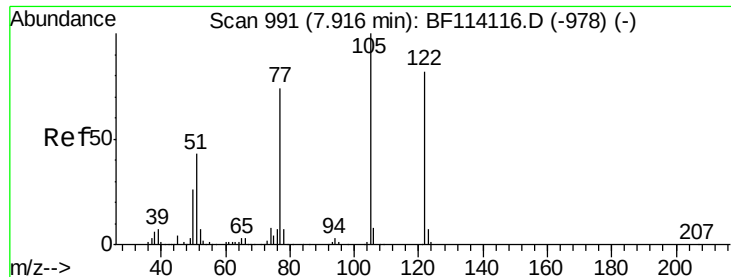


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.186 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF114189.D

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Instrument :

BNA_F

ClientSampleId :

P026-SS007-0206-01

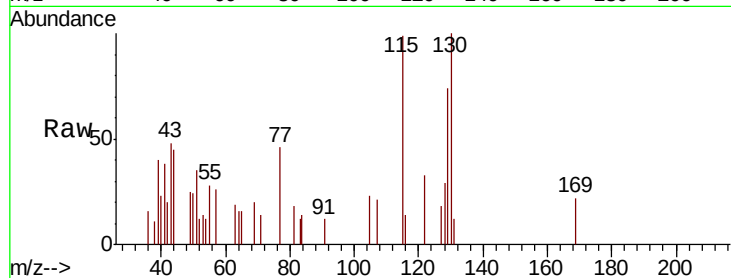
Tgt Ion:122 Resp: 2169

Ion Ratio Lower Upper

122 100

105 68.9 99.9 139.9#

77 138.5 69.4 109.4#

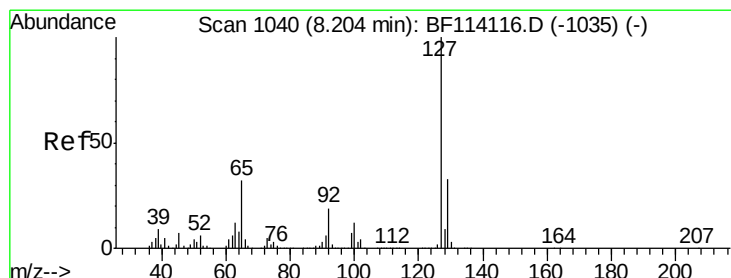
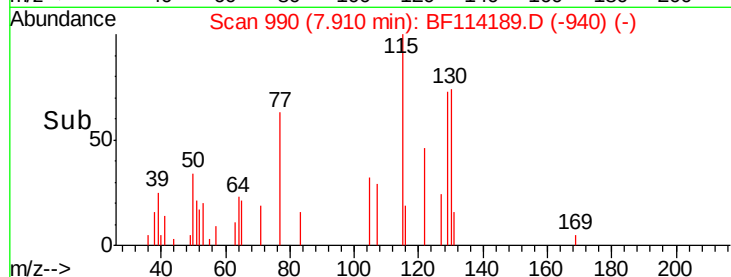
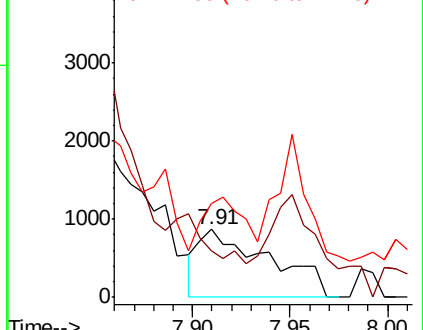


Abundance

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



#33

4-Chloroaniline

Concen: 2.201 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Tgt Ion:127 Resp: 53289

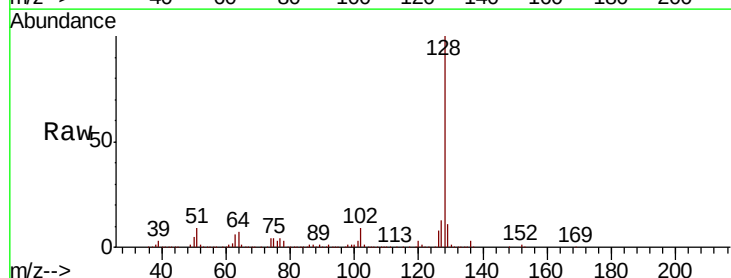
Ion Ratio Lower Upper

127 100

129 86.3 26.7 40.1#

65 7.1 25.4 38.0#

92 11.8 15.4 23.2#



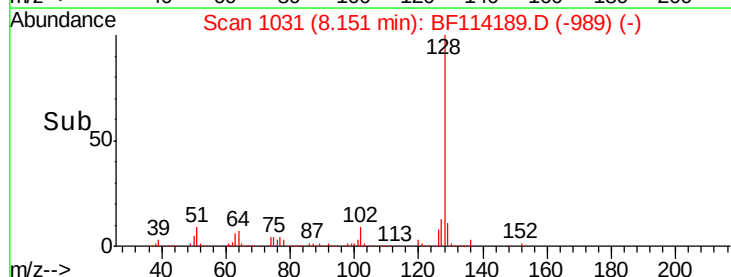
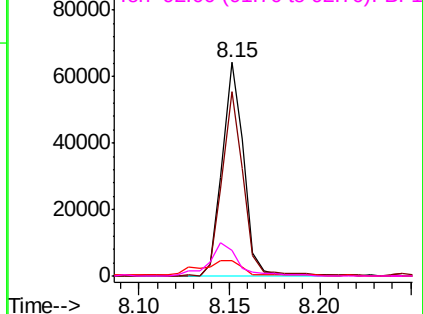
Abundance

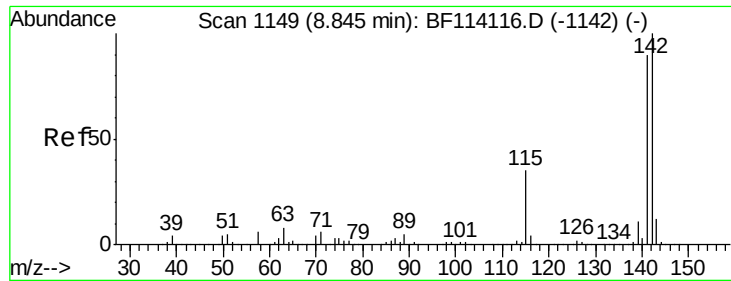
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

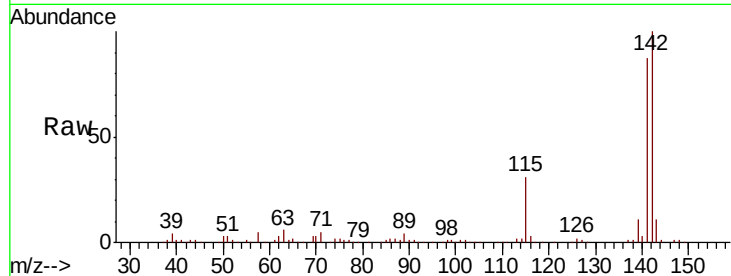




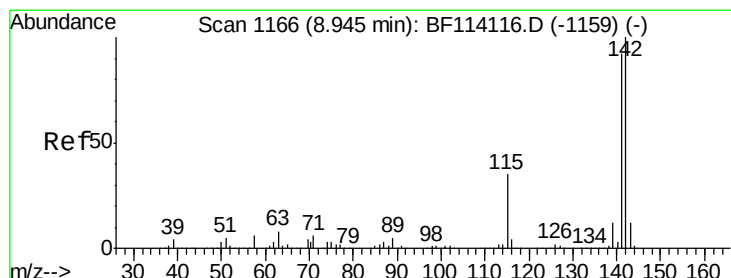
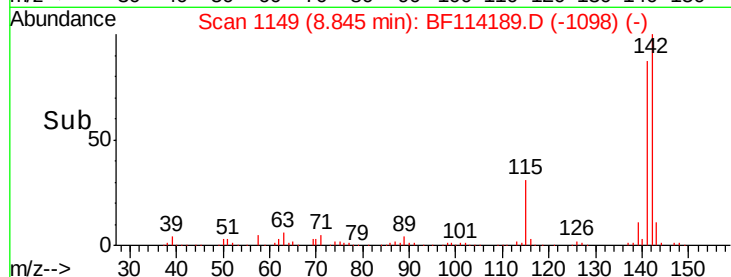
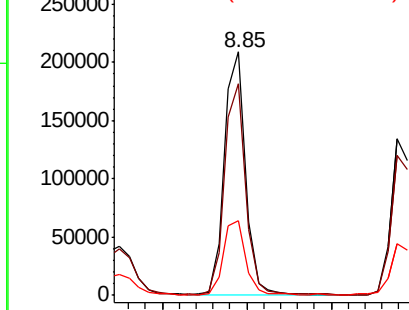
#37
 2-Methylnaphthalene
 Concen: 5.265 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF114189.D
 Acq: 12 May 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS007-0206-01

Tgt Ion:142 Resp: 180507
 Ion Ratio Lower Upper
 142 100
 141 86.8 72.1 108.1
 115 30.9 28.0 42.0

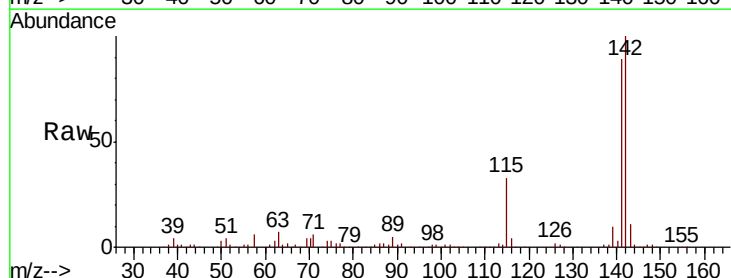


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

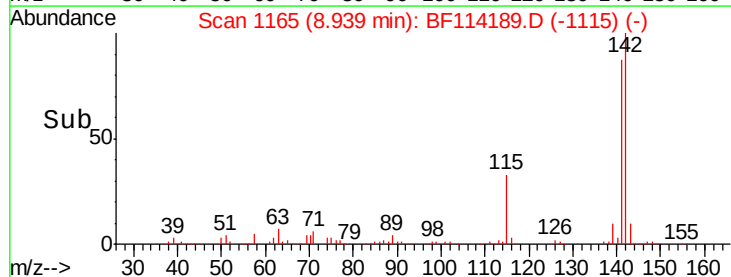
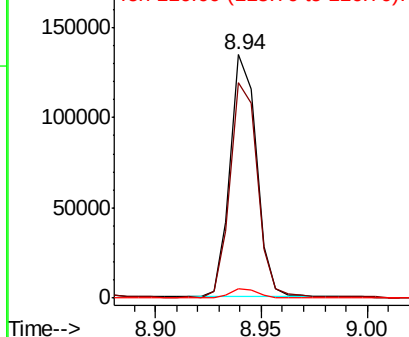


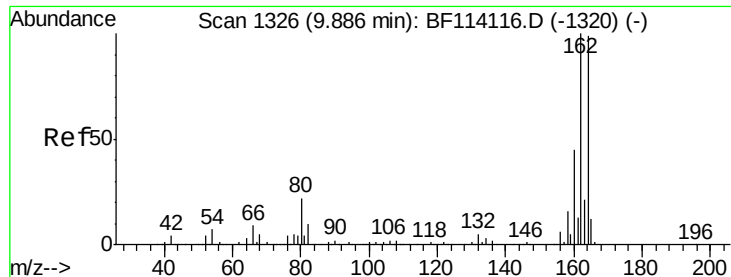
#38
 1-Methylnaphthalene
 Concen: 3.602 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF114189.D
 Acq: 12 May 2019 13:54

Tgt Ion:142 Resp: 116299
 Ion Ratio Lower Upper
 142 100
 141 88.7 73.4 110.0
 116 3.7 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

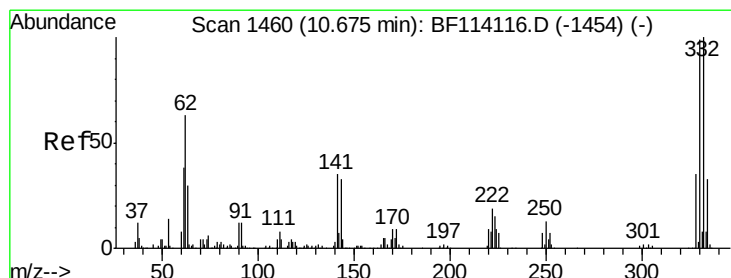
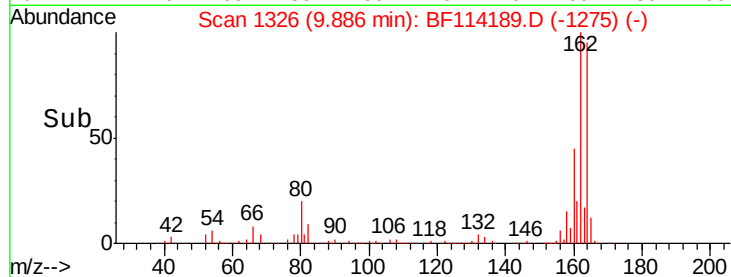
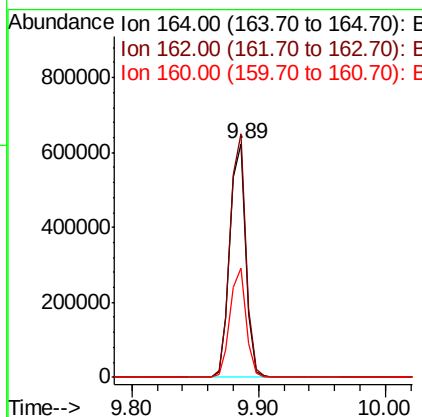
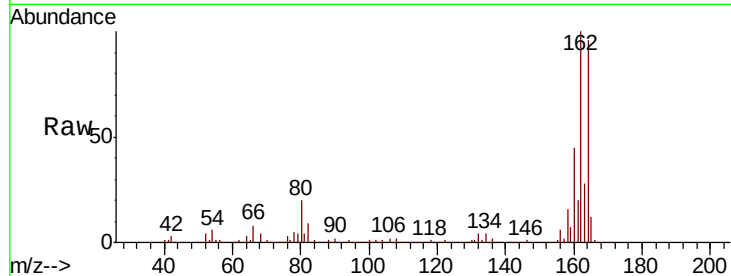




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114189.D
 Acq: 12 May 2019 13:54

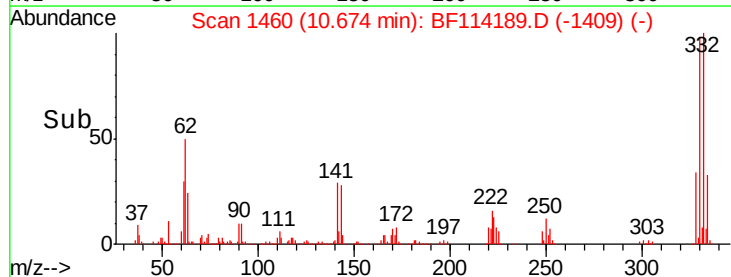
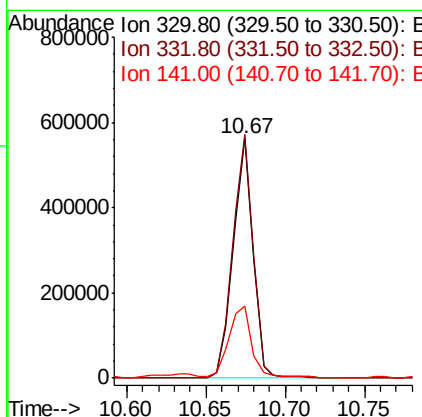
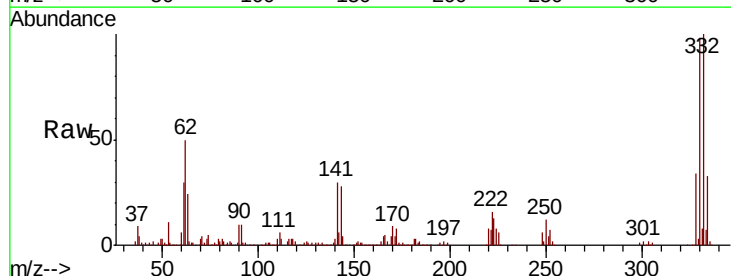
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS007-0206-01

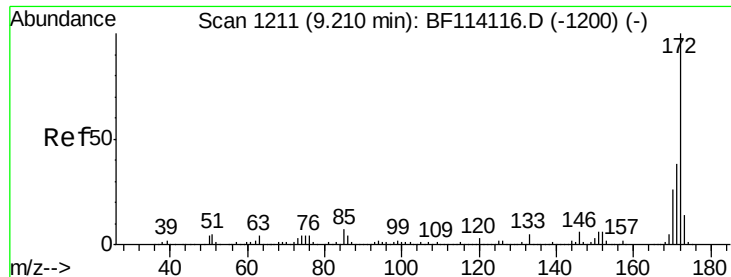
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	120.8
160	47.0	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 88.439 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114189.D
 Acq: 12 May 2019 13:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.1	81.4	122.2
141	32.2	26.6	40.0

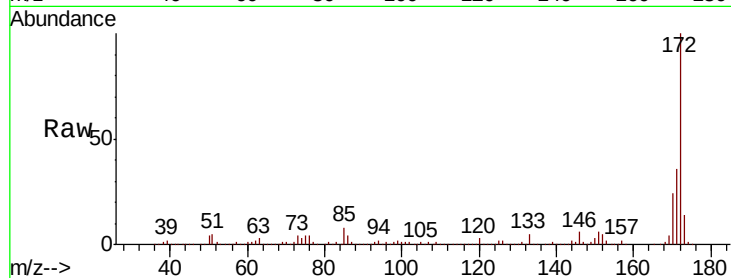




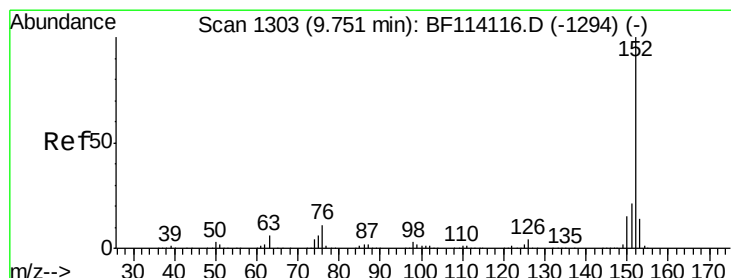
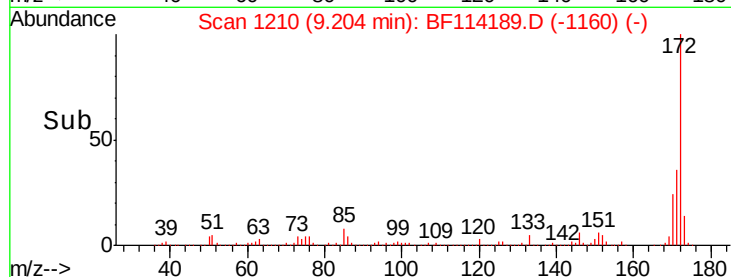
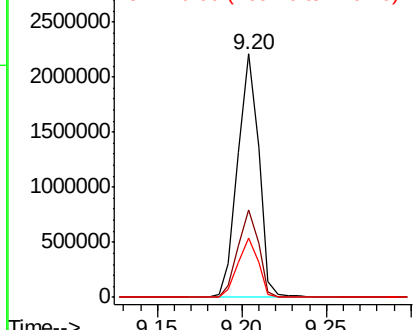
#45
 2-Fluorobiphenyl
 Concen: 53.740 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114189.D
 Acq: 12 May 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS007-0206-01

Tgt Ion:172 Resp: 1920857
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.7 46.1
 170 24.1 20.5 30.7

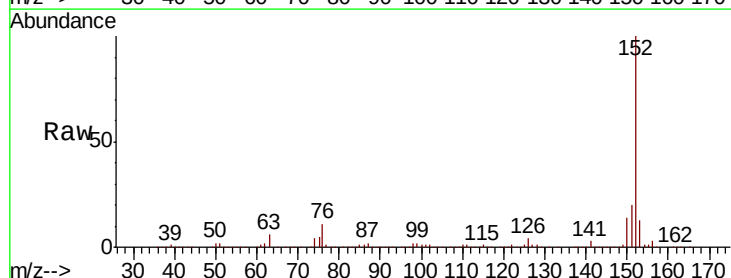


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

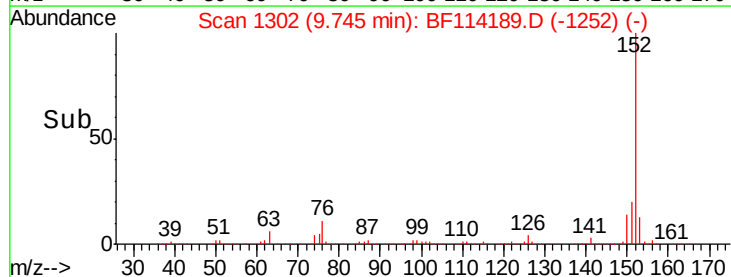
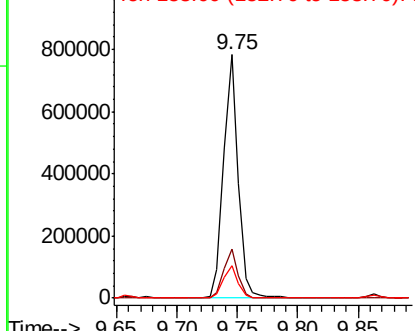


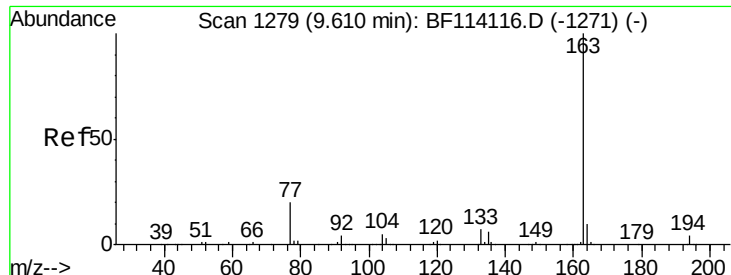
#49
 Acenaphthylene
 Concen: 12.107 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF114189.D
 Acq: 12 May 2019 13:54

Tgt Ion:152 Resp: 647321
 Ion Ratio Lower Upper
 152 100
 151 20.0 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

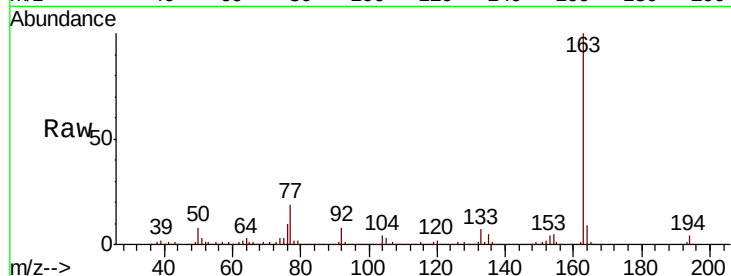




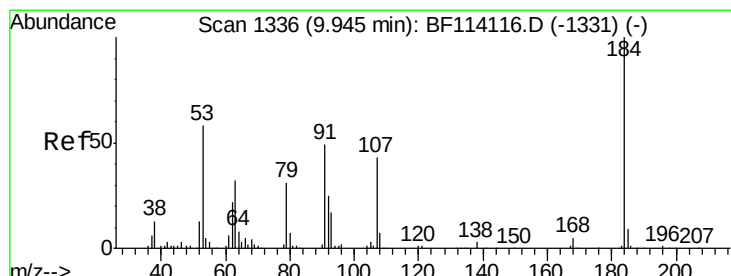
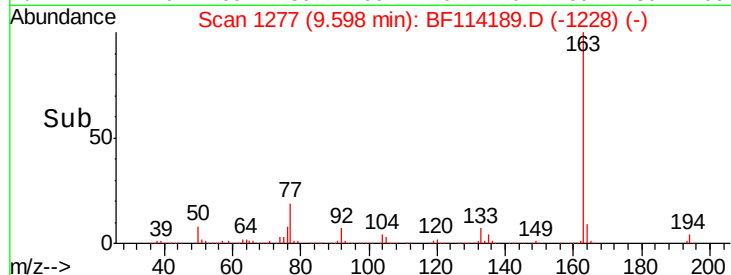
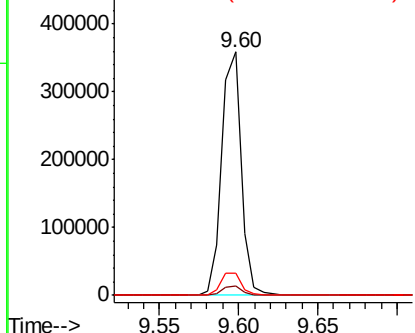
#50
Dimethylphthalate
Concen: 7.723 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:163 Resp: 306534
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.4 8.2 12.2

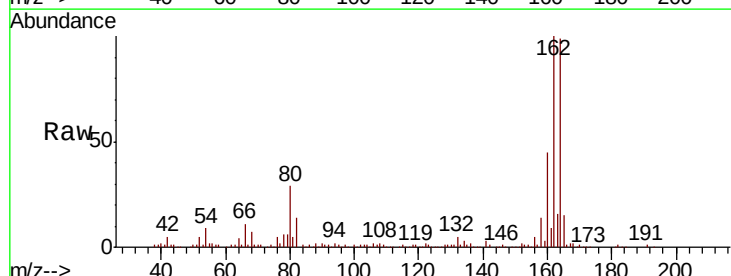


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

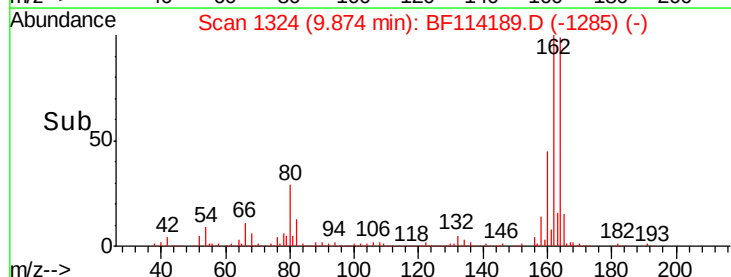
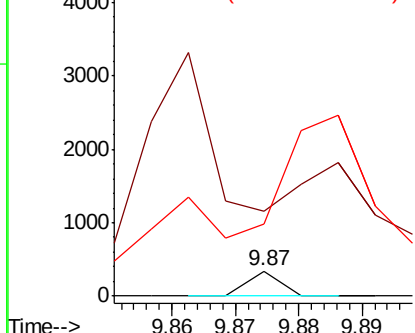


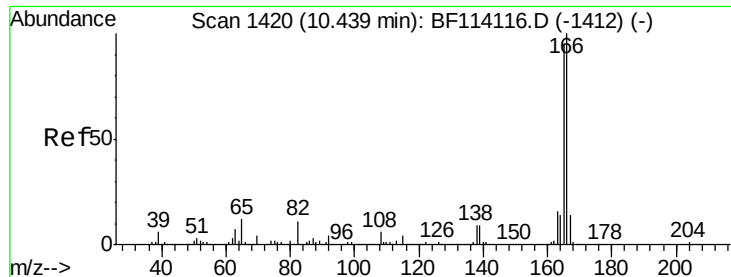
#54
2,4-Dinitrophenol
Concen: 6.770 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
63 339.5 55.6 83.4#
154 290.6 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: 2.796 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0206-01

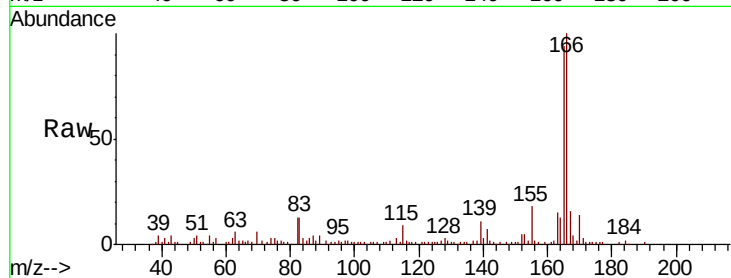
Tgt Ion:166 Resp: 103918

Ion Ratio Lower Upper

166 100

165 94.5 76.1 114.1

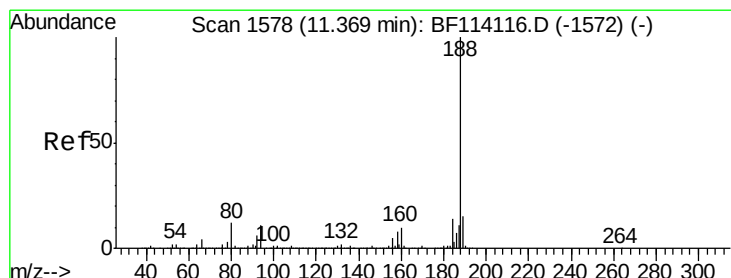
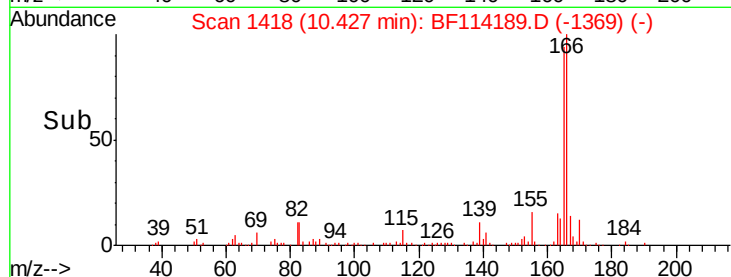
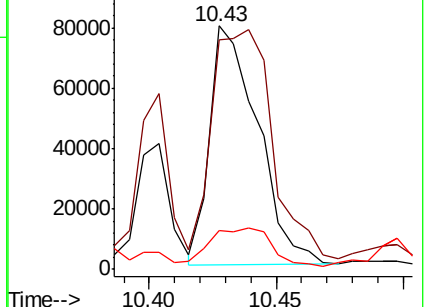
167 15.7 11.1 16.7



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# 1578

Delta R.T. -0.00 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

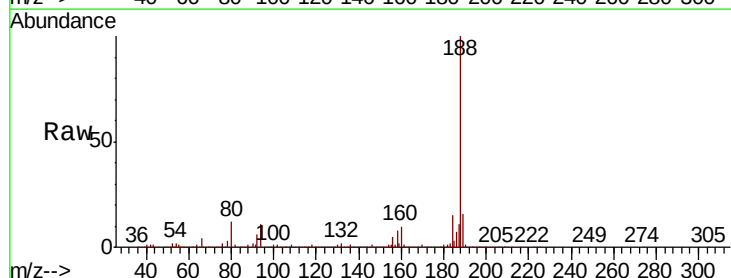
Tgt Ion:188 Resp: 1083715

Ion Ratio Lower Upper

188 100

94 11.4 8.4 12.6

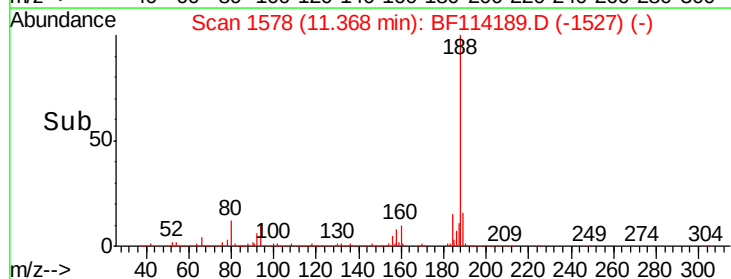
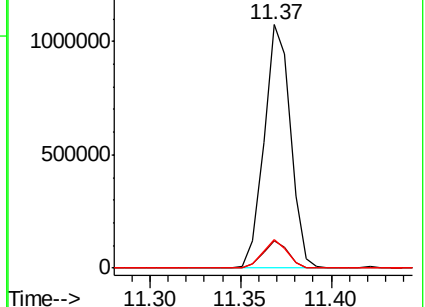
80 11.6 9.2 13.8

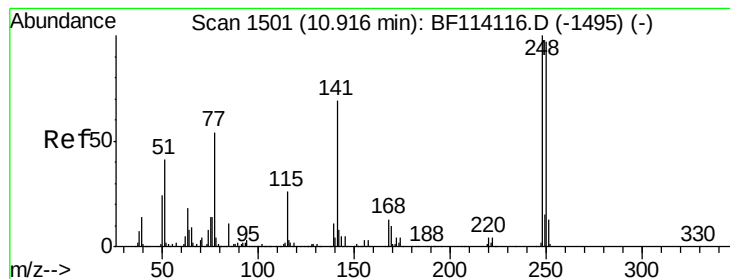


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 2.694 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0206-01

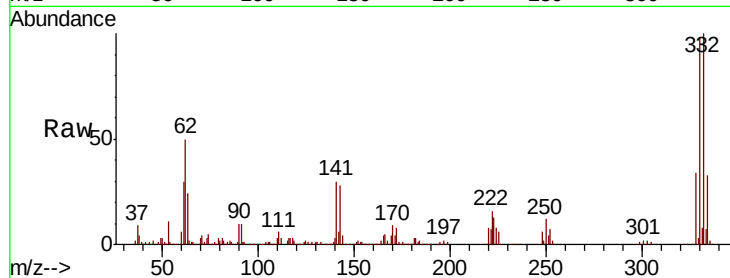
Tgt Ion:248 Resp: 32140

Ion Ratio Lower Upper

248 100

250 200.6 77.4 116.2#

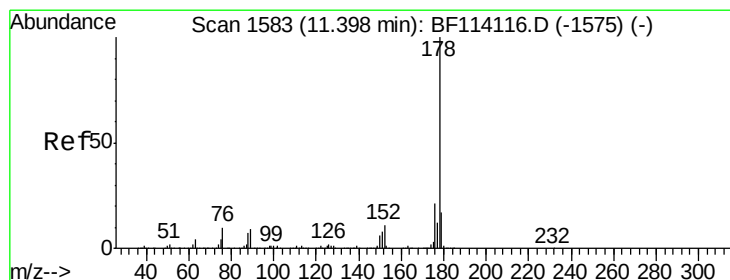
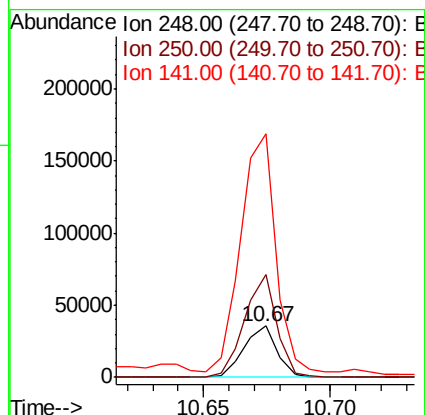
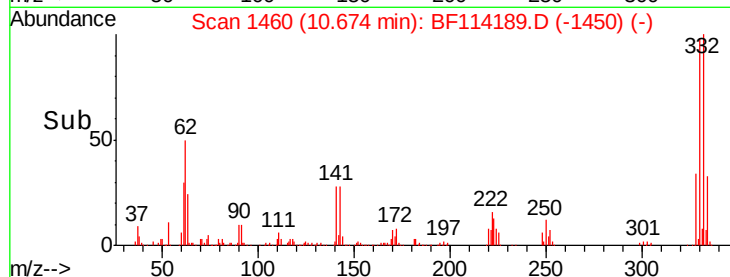
141 474.2 55.6 83.4#



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: 51.162 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

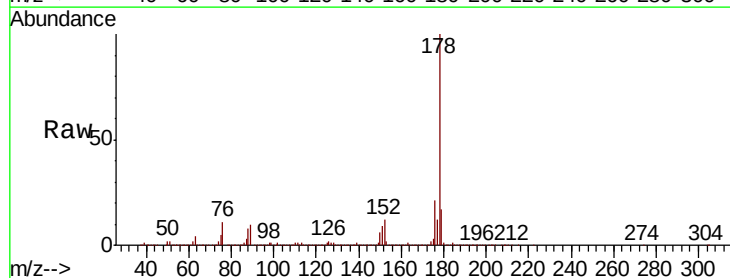
Tgt Ion:178 Resp: 2697477

Ion Ratio Lower Upper

178 100

176 21.3 16.4 24.6

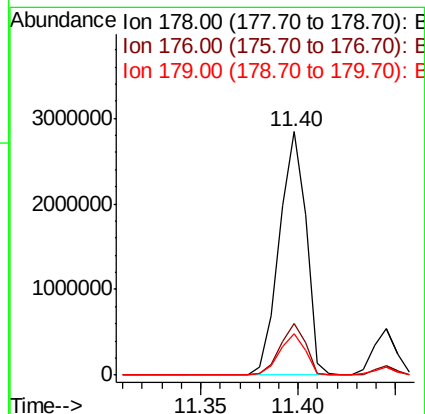
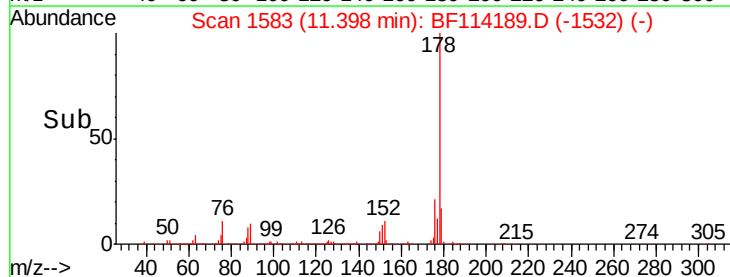
179 17.0 13.2 19.8

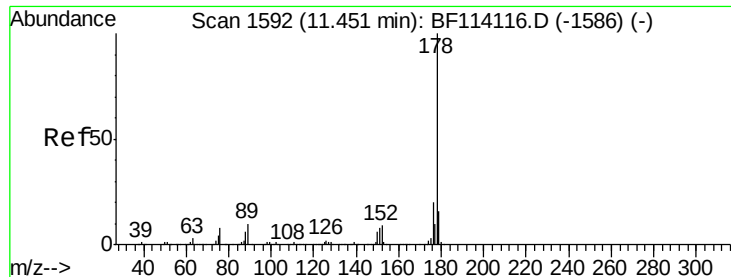


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 8.048 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0206-01

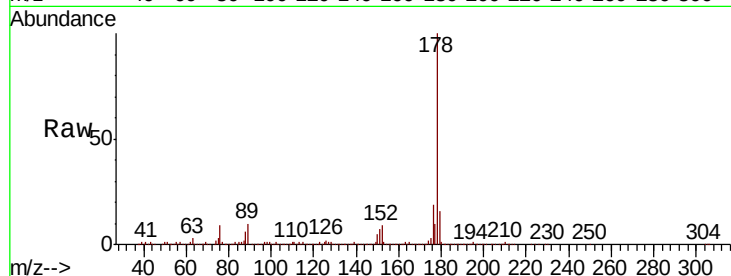
Tgt Ion:178 Resp: 426173

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

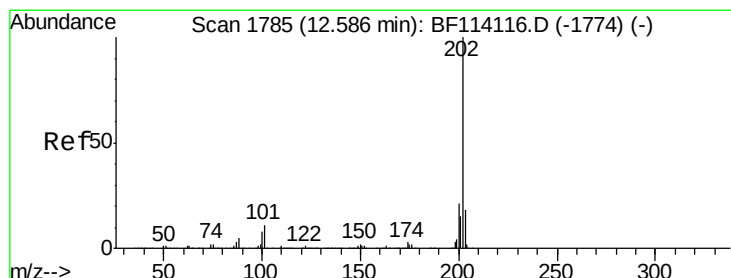
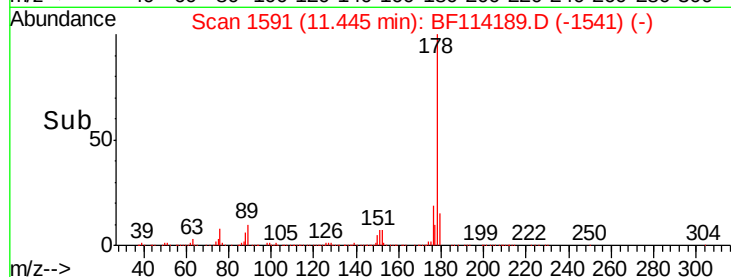
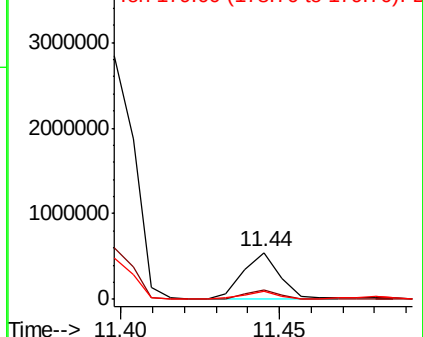
179 16.0 13.0 19.4



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: 57.031 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

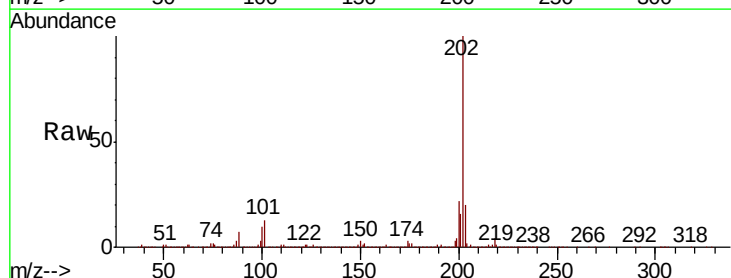
Tgt Ion:202 Resp: 3238041

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.0

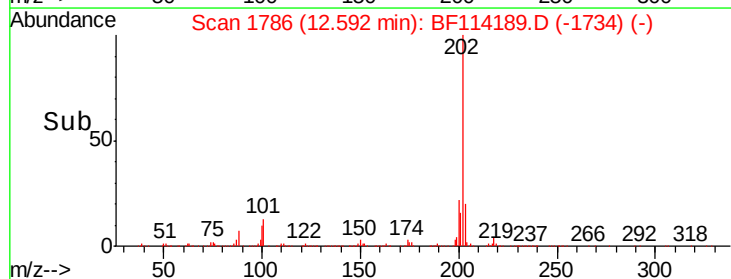
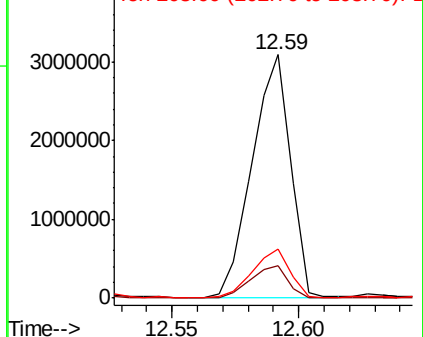
203 19.9 0.0 38.4

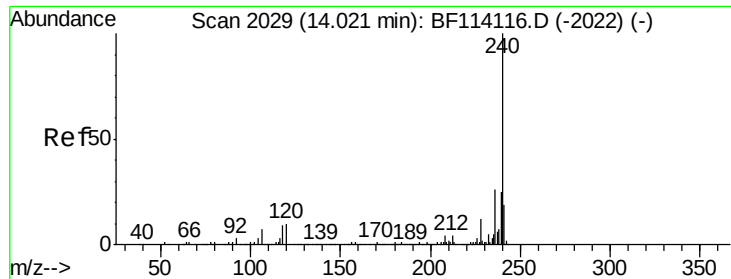


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

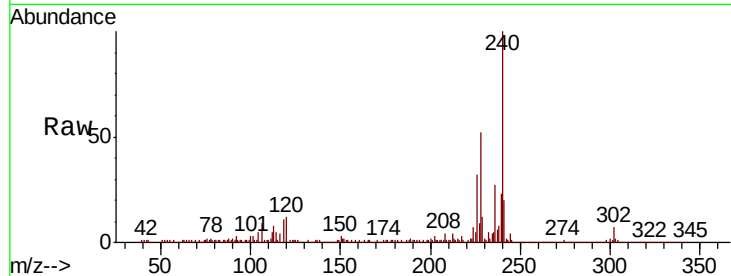




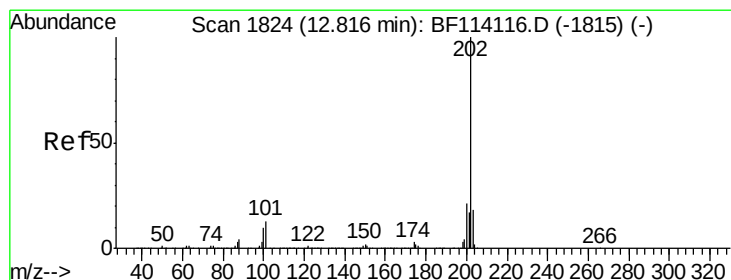
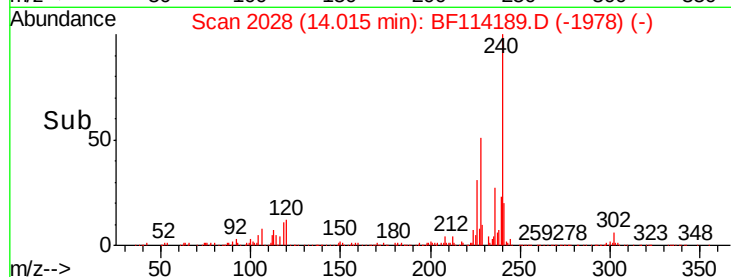
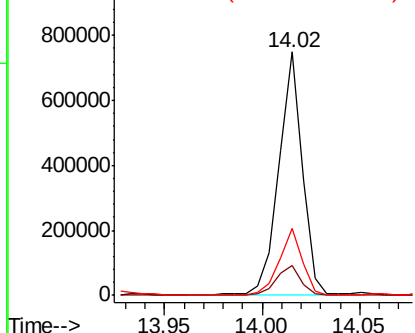
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:240 Resp: 620774
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 27.4 20.8 31.2

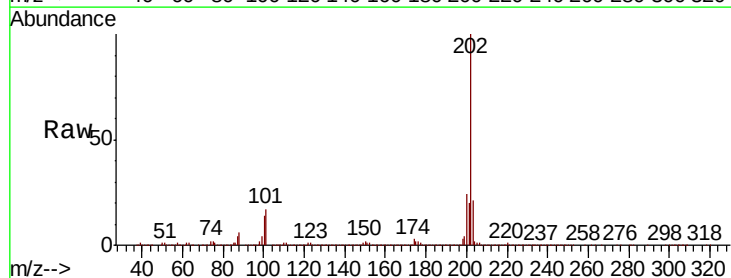


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

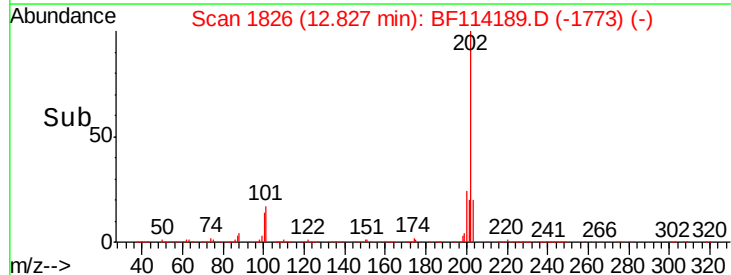
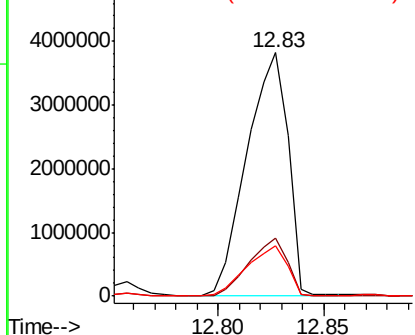


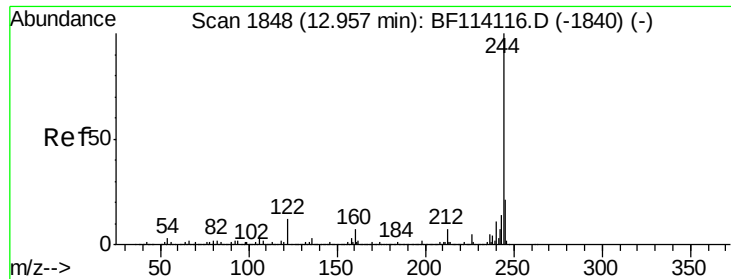
#78
Pyrene
Concen: 102.909 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:202 Resp: 5139118
Ion Ratio Lower Upper
202 100
200 23.7 16.9 25.3
203 20.7 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: 60.684 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0206-01

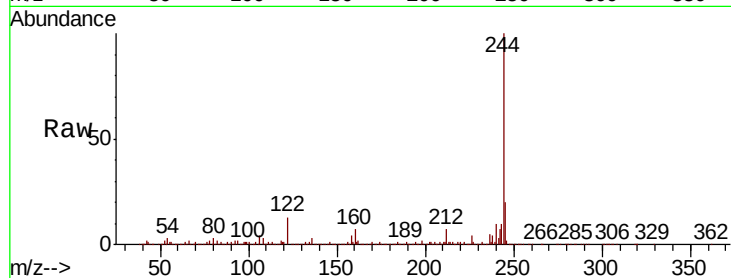
Tgt Ion:244 Resp: 1827431

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

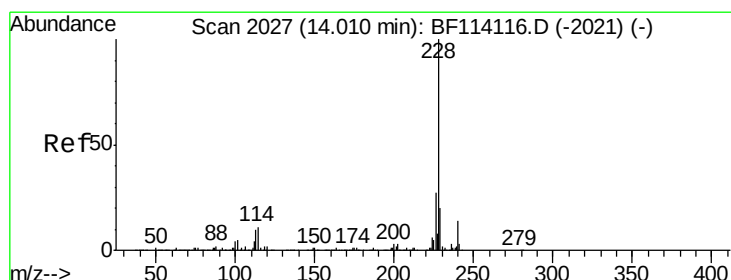
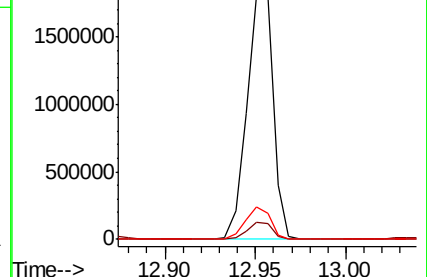
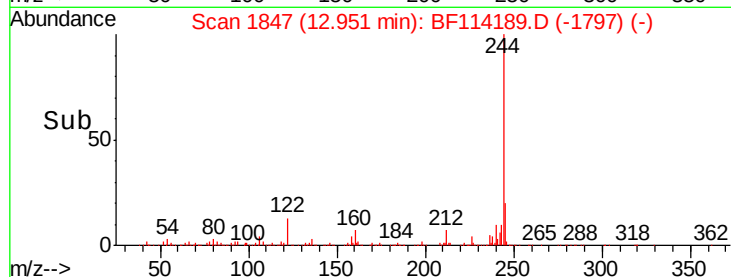
122 13.4 9.4 14.2



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: 51.052 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.04 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

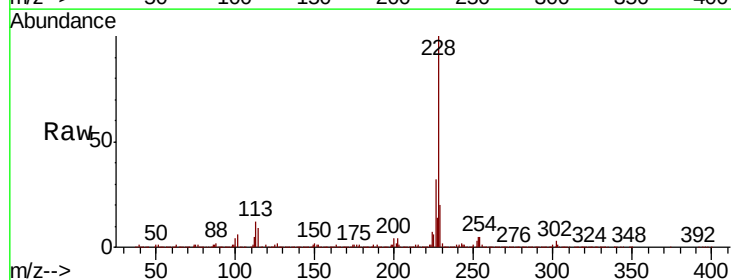
Tgt Ion:228 Resp: 2049790

Ion Ratio Lower Upper

228 100

226 32.0 22.2 33.2

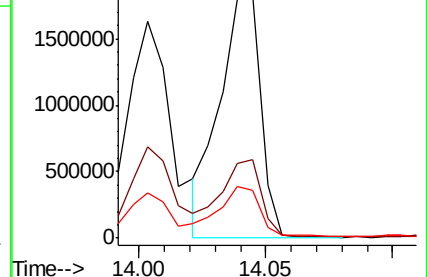
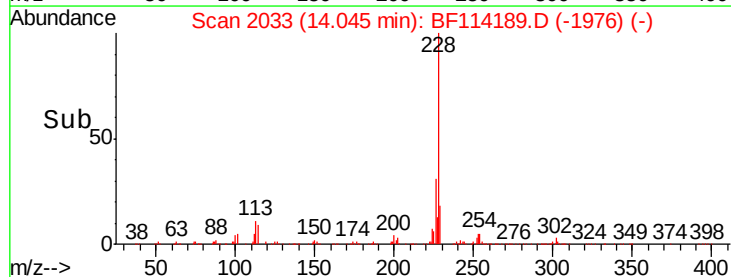
229 19.8 16.4 24.6

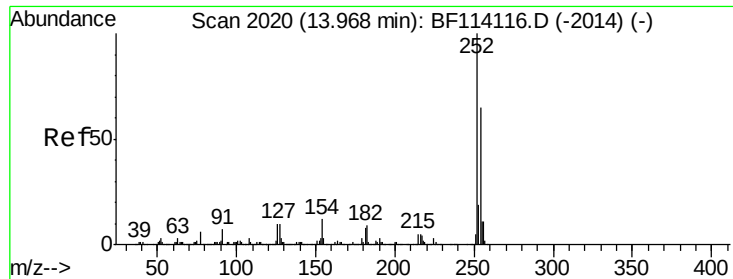


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

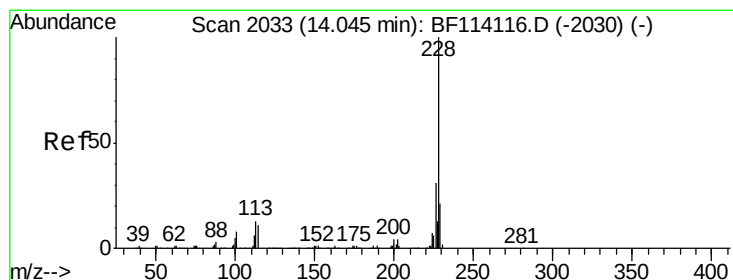
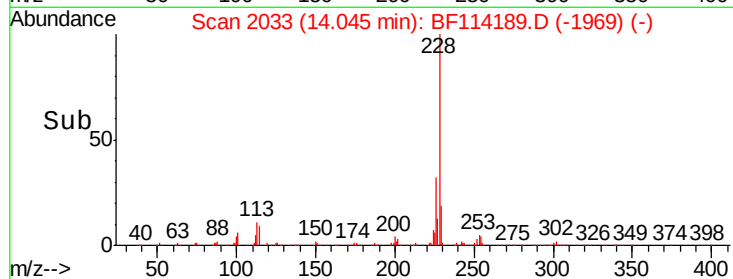
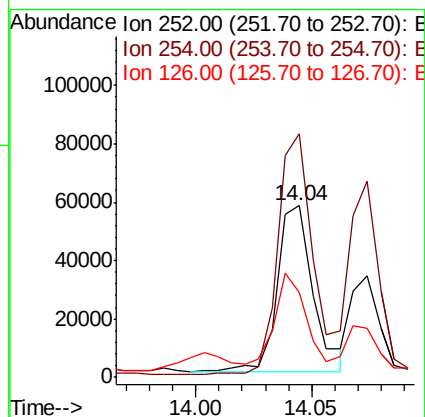
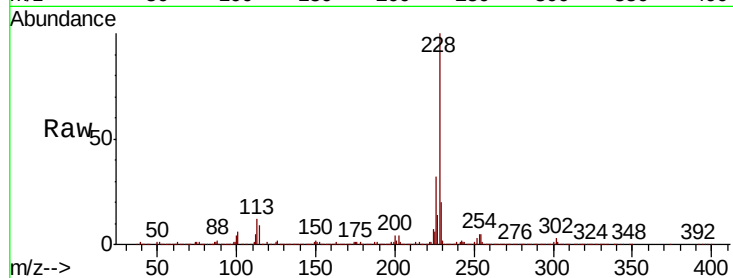




#82
 3,3'-Dichlorobenzidine
 Concen: 3.902 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.08 min
 Lab File: BF114189.D
 Acq: 12 May 2019 13:54

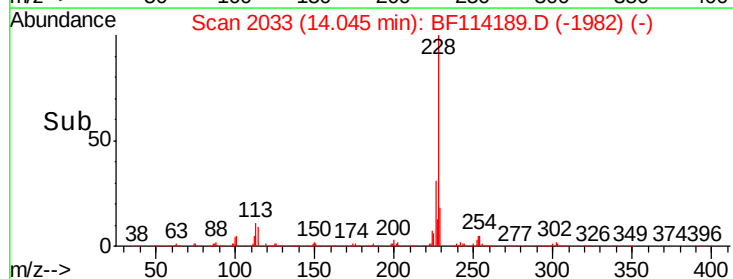
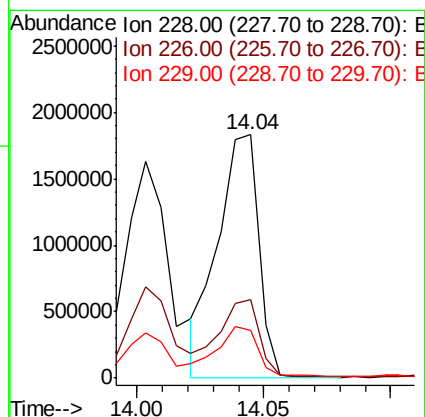
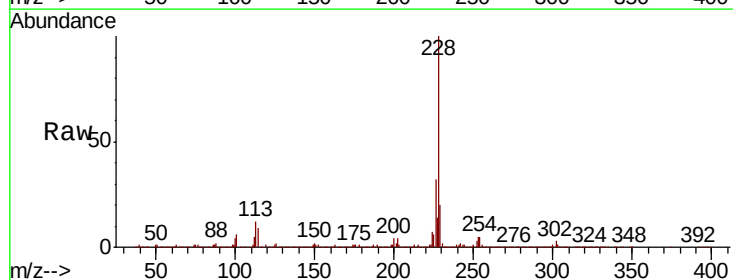
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS007-0206-01

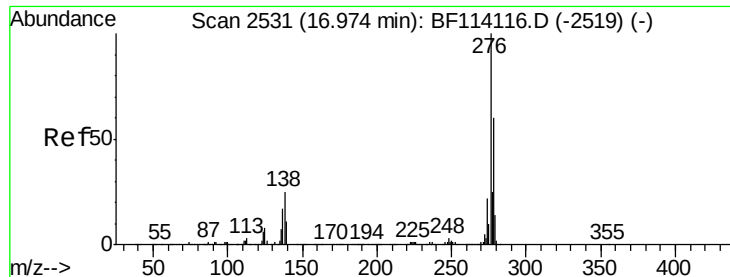
Tgt Ion:252 Resp: 60781
 Ion Ratio Lower Upper
 252 100
 254 141.6 51.9 77.9#
 126 49.5 7.9 11.9#



#83
 Chrysene
 Concen: 52.078 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF114189.D
 Acq: 12 May 2019 13:54

Tgt Ion:228 Resp: 2049790
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 19.8 17.0 25.6





#86

Indeno(1,2,3-cd)pyrene

Concen: 32.661 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0206-01

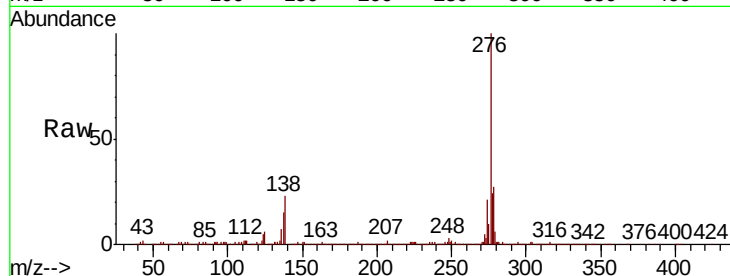
Tgt Ion:276 Resp: 1136112

Ion Ratio Lower Upper

276 100

138 23.1 20.2 30.2

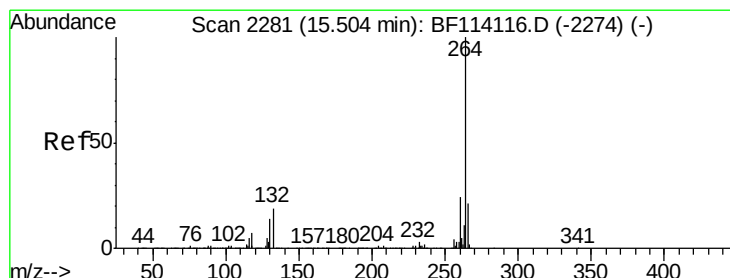
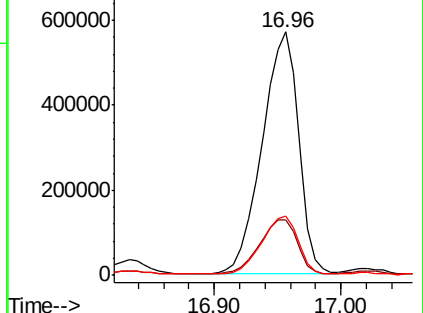
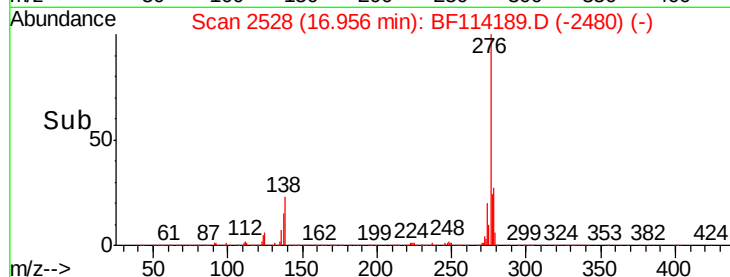
277 24.2 20.0 30.0



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: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

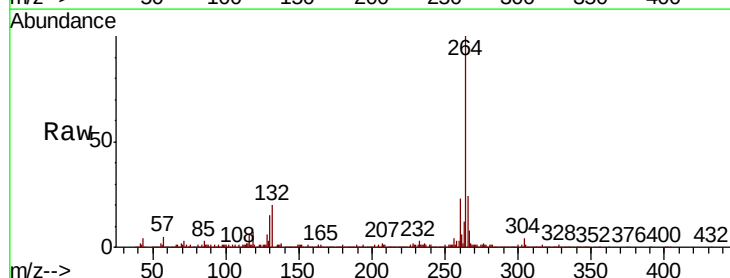
Tgt Ion:264 Resp: 759655

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

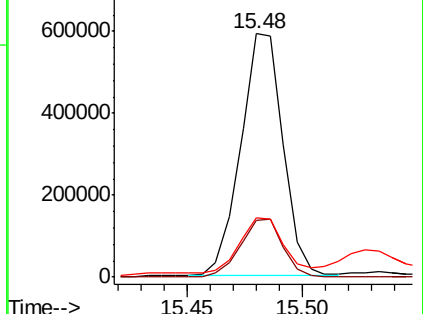
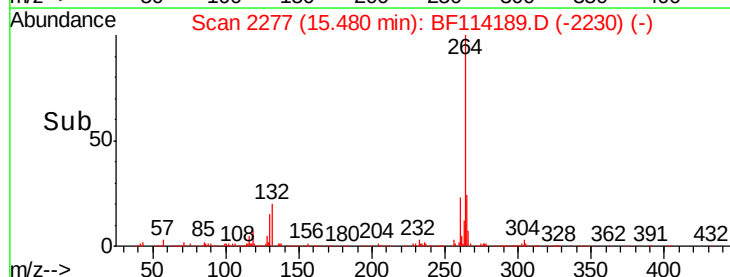
265 24.3 16.9 25.3

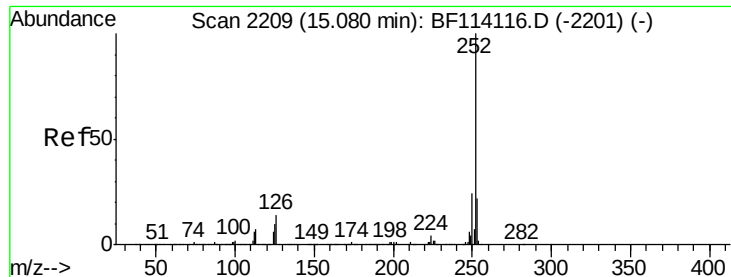


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

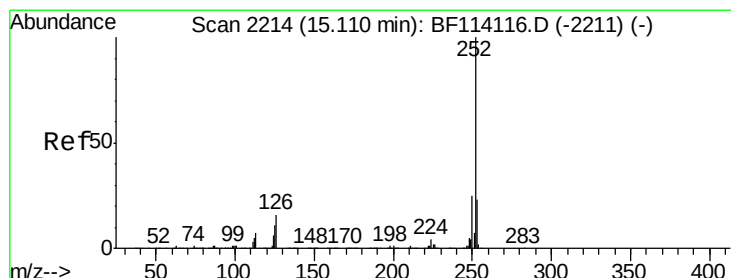
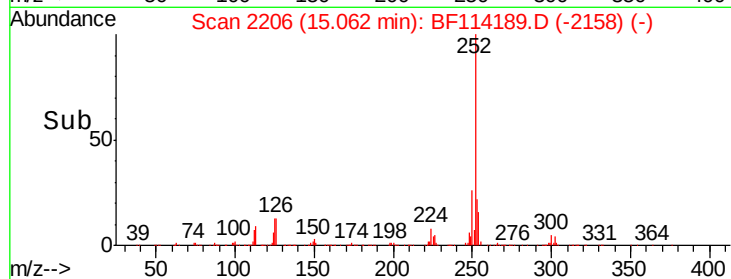
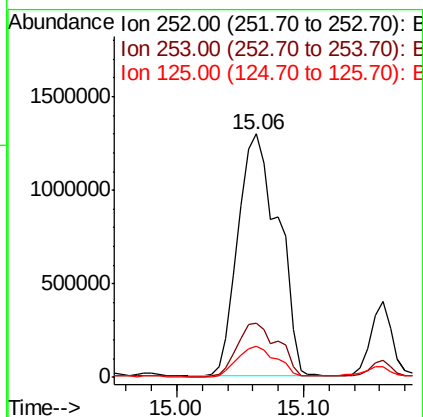
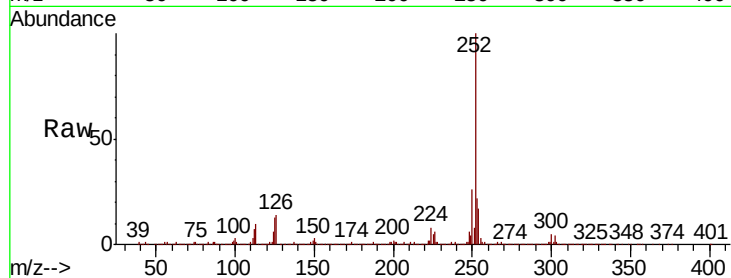




#88
Benzo(b)fluoranthene
Concen: 58.697 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

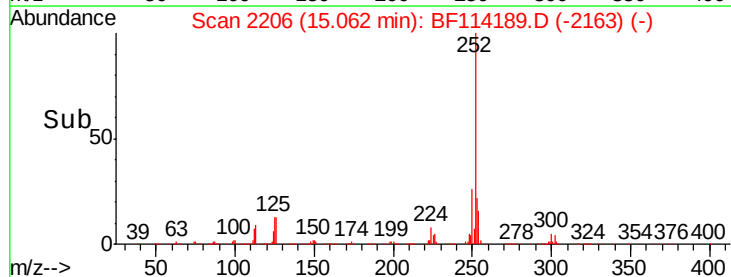
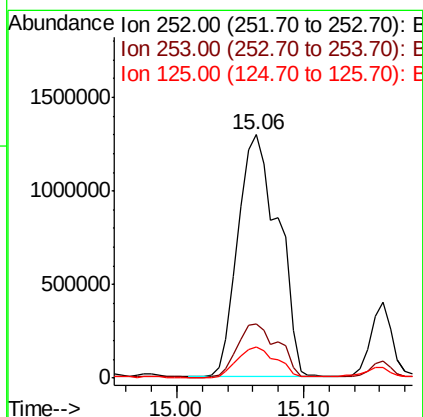
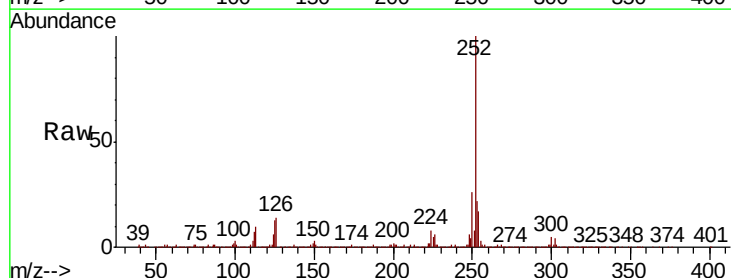
Instrument :
BNA_F
ClientSampleId :
P026-SS007-0206-01

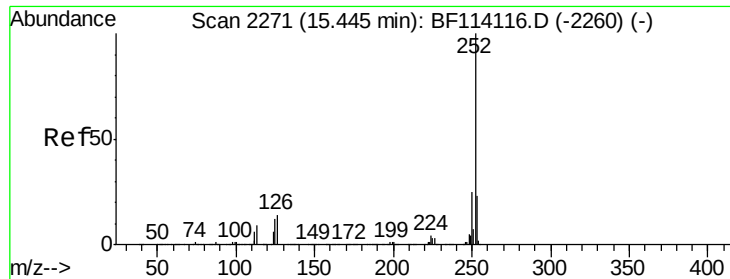
Tgt Ion:252 Resp: 2856653
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 13.0 8.3 12.5#



#89
Benzo(k)fluoranthene
Concen: 63.898 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114189.D
Acq: 12 May 2019 13:54

Tgt Ion:252 Resp: 2856653
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 13.0 8.6 13.0





#90

Benzo(a)pyrene

Concen: 37.136 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0206-01

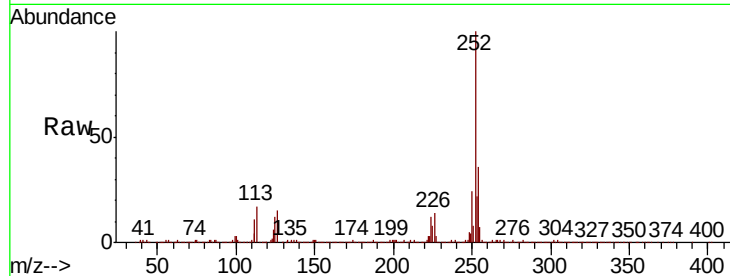
Tgt Ion:252 Resp: 1590587

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

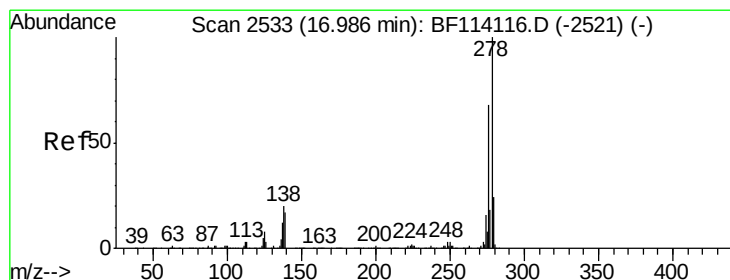
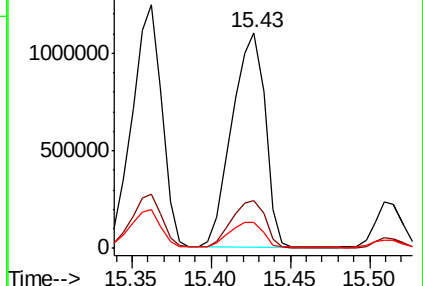
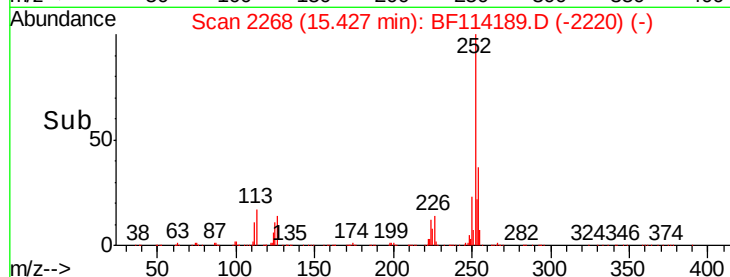
125 11.8 9.5 14.3



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: 5.944 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.13 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

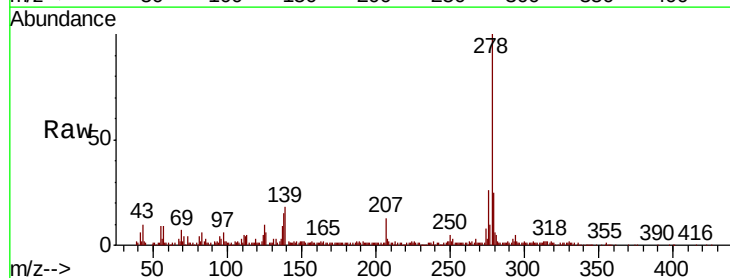
Tgt Ion:278 Resp: 211569

Ion Ratio Lower Upper

278 100

139 18.1 13.5 20.3

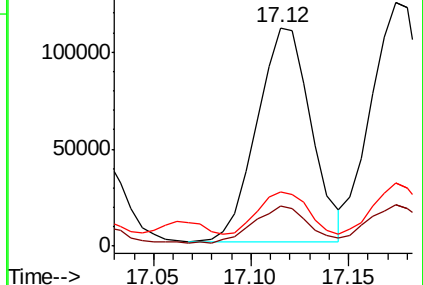
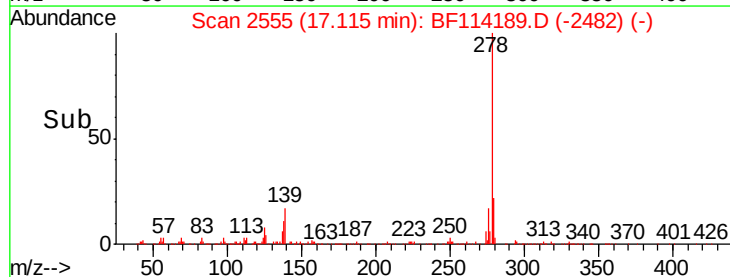
279 24.9 19.0 28.6

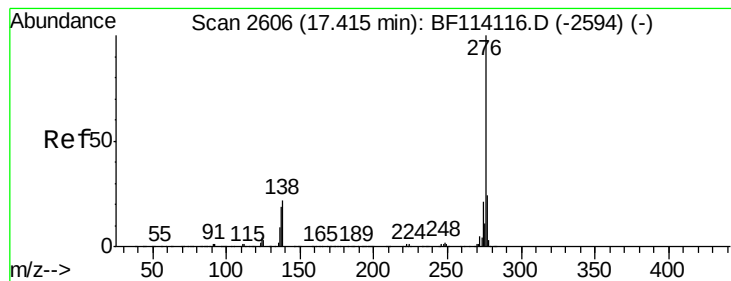


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 35.739 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF114189.D

Acq: 12 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

P026-SS007-0206-01

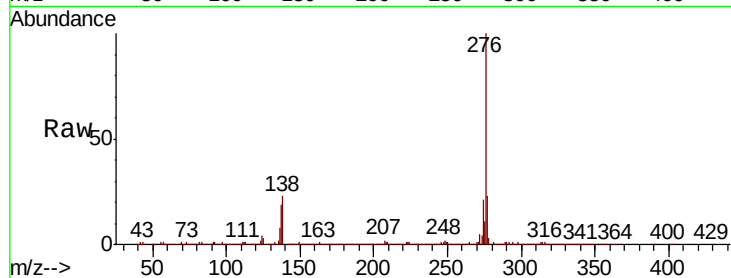
Tgt Ion:276 Resp: 1274734

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 22.5 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

