

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117626.D
 Acq On : 30 Oct 2019 15:59
 Operator : JU
 Sample : K5542-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 01:24:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	39339	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	154812	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	73870	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	103244	20.00	ng	0.00
76) Chrysene-d12	13.90	240	80138	20.00	ng	0.00
87) Perylene-d12	15.34	264	69635	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	210181	79.49	ng	0.00
7) Phenol-d6	6.39	99	294028	82.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	181753	57.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	45678	71.47	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	280464	53.50	ng	-0.01
79) Terphenyl-d14	12.83	244	202162	41.15	ng	0.00

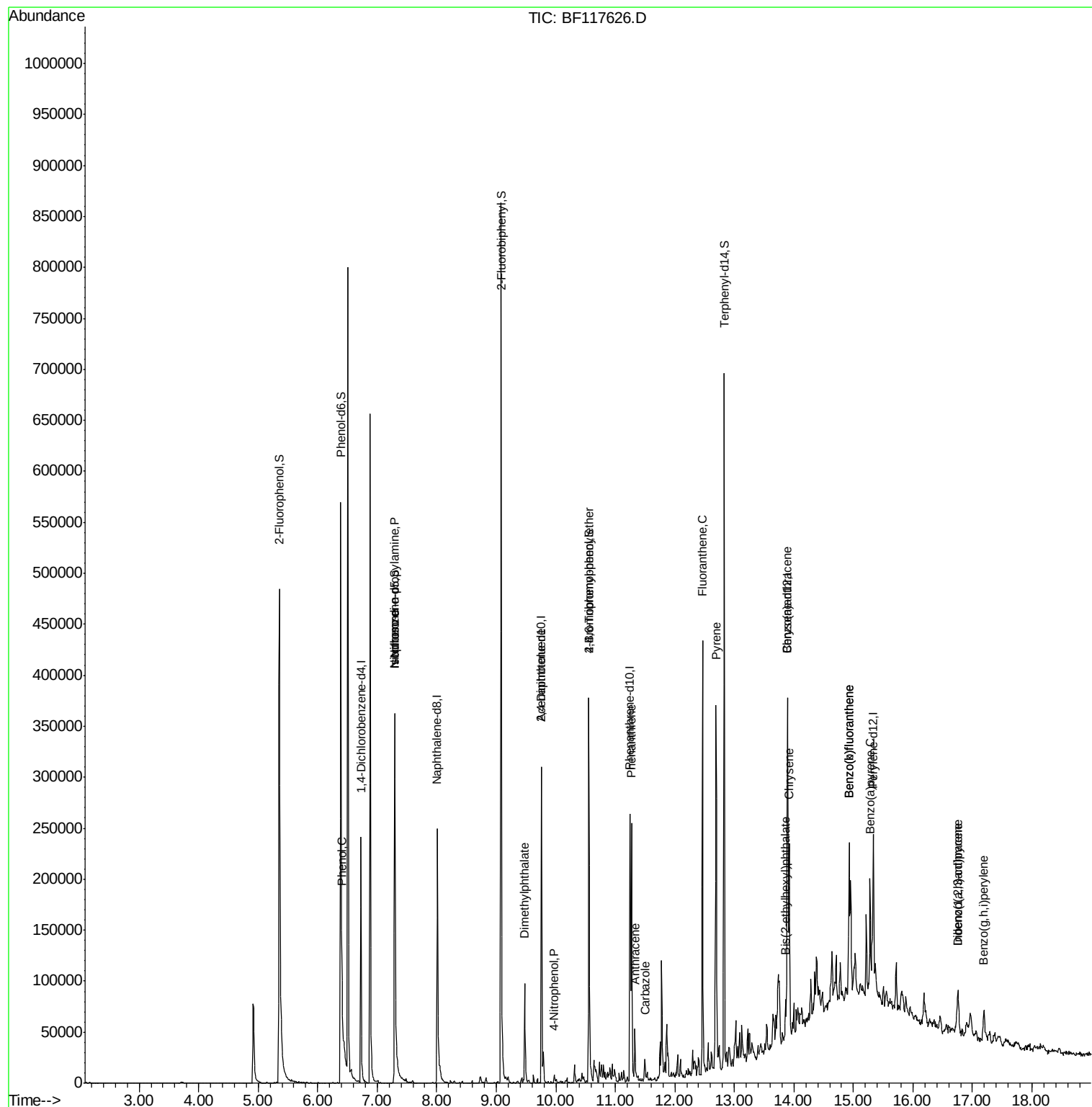
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.39	77	226	Below Cal		# 3
10) Phenol	6.41	94	7334	2.023	ng	82
19) n-Nitroso-di-n-propylamine	7.29	70	23166	10.680	ng	# 78
25) Isophorone	7.29	82	181752	33.504	ng	# 65
50) Dimethylphthalate	9.48	163	46046	8.744	ng	99
56) 4-Nitrophenol	9.97	139	1828	6.955	ng	# 6
57) 2,4-Dinitrotoluene	9.76	165	9294	6.361	ng	# 12
67) 4-Bromophenyl-phenylether	10.56	248	2823	2.539	ng	# 1
71) Phenanthrene	11.27	178	104412	17.417	ng	98
72) Anthracene	11.33	178	26578	4.321	ng	97
73) Carbazole	11.50	167	11277	2.006	ng	99
75) Fluoranthene	12.46	202	166518	27.746	ng	99
77) Benzidine	12.83	184	2883	Below Cal		# 78
78) Pyrene	12.69	202	143982	20.917	ng	98
81) Benzo(a)anthracene	13.89	228	78710	14.561	ng	97
83) Chrysene	13.92	228	66174	12.491	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	10691	2.228	ng	98
86) Indeno(1,2,3-cd)pyrene	16.76	276	27175	6.870	ng	98
88) Benzo(b)fluoranthene	14.93	252	100911	24.540	ng	97
89) Benzo(k)fluoranthene	14.93	252	100449	23.834	ng	96
90) Benzo(a)pyrene	15.28	252	50906	13.616	ng	93
91) Dibenzo(a,h)anthracene	16.75	278	7012	2.169	ng	# 78
92) Benzo(g,h,i)perylene	17.20	276	25212	8.243	ng	96

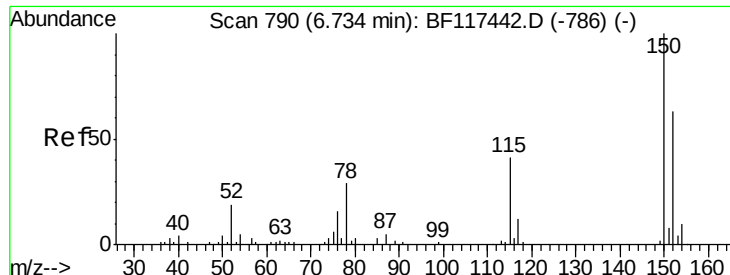
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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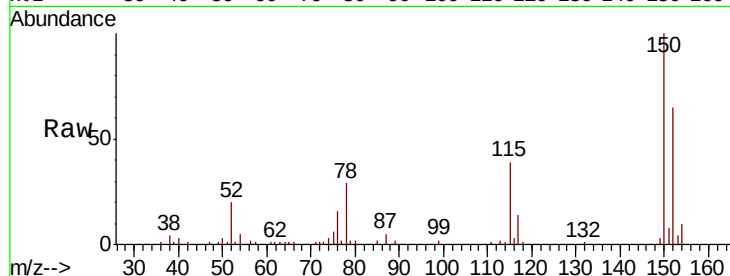


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.8	190.2
115	60.8	51.6	77.4

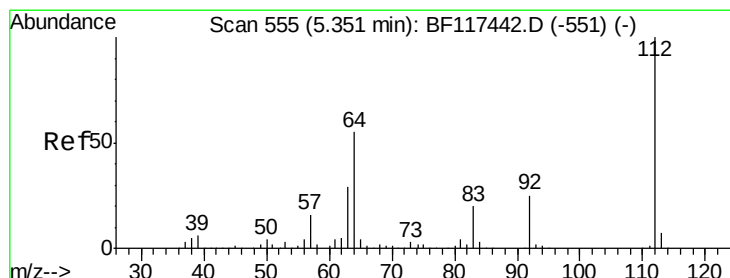
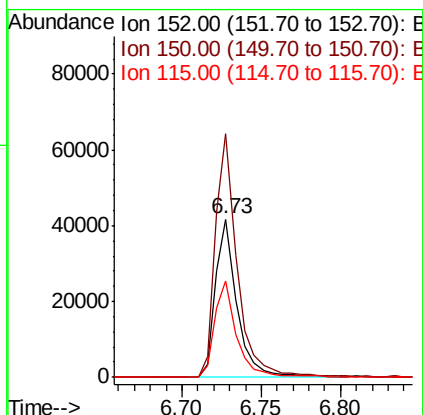
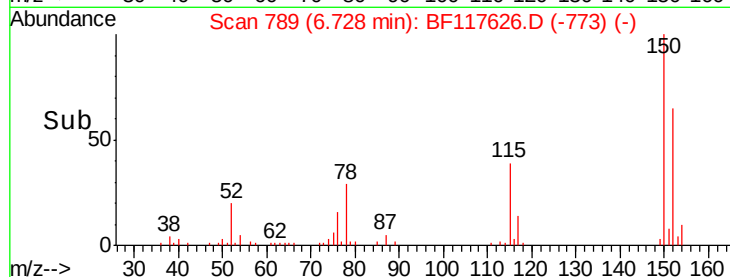


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

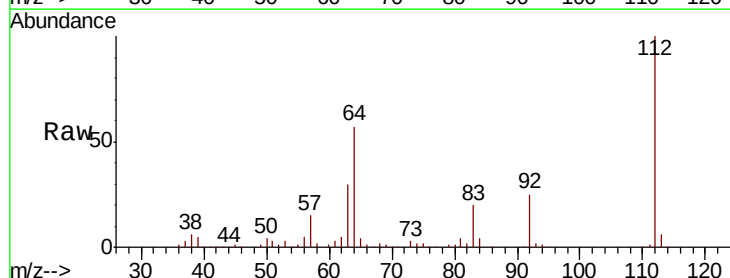
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.485 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	30.1	23.4	35.2

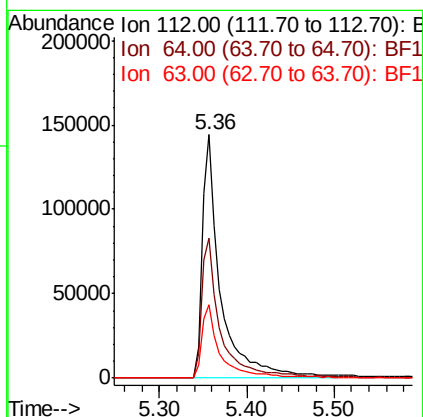
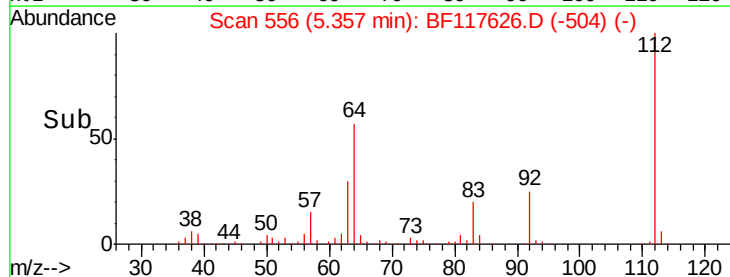


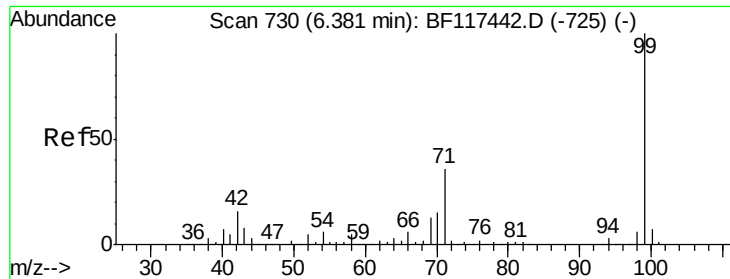
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 82.788 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117626.D

Acq: 30 Oct 2019 15:59

Instrument :

BNA_F

ClientSampled :

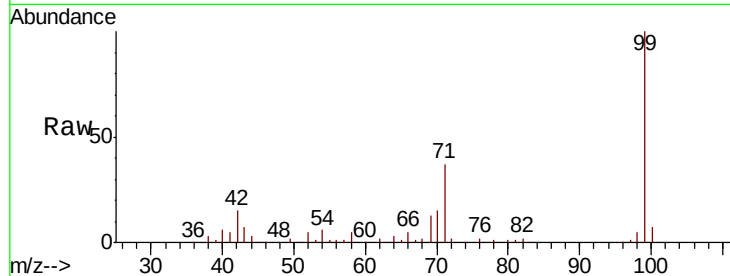
Tot Ion: 99 Resp: 294028

Ion Ratio Lower Upper

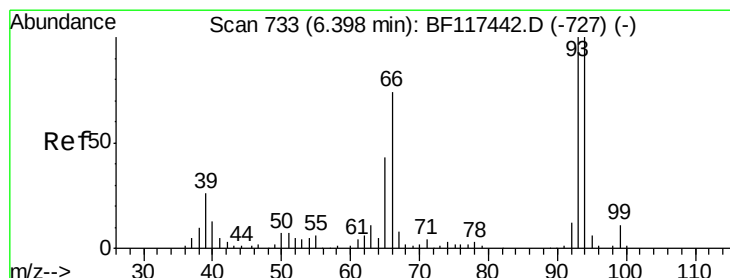
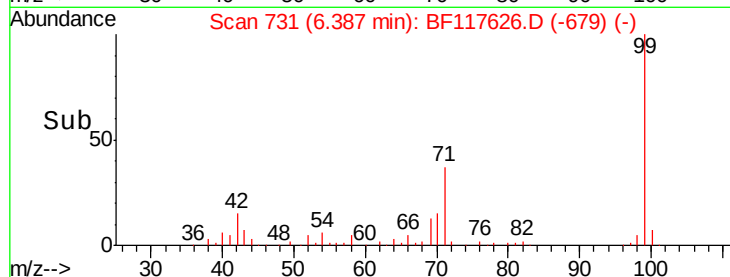
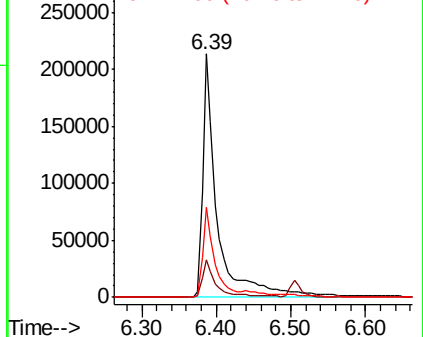
99 100

42 15.3 12.8 19.2

71 37.0 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.023 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF117626.D

Acq: 30 Oct 2019 15:59

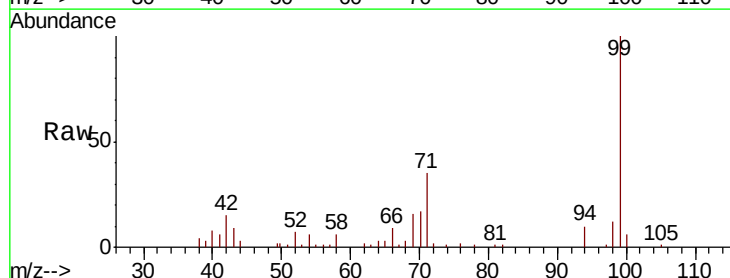
Tgt Ion: 94 Resp: 7334

Ion Ratio Lower Upper

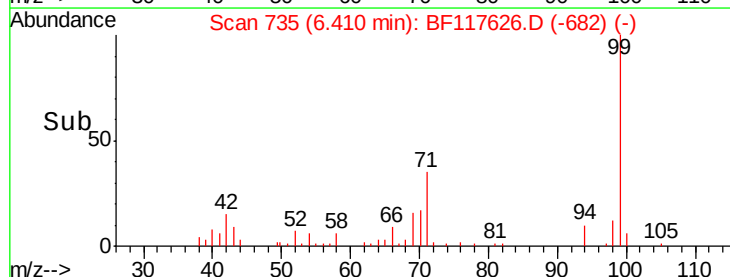
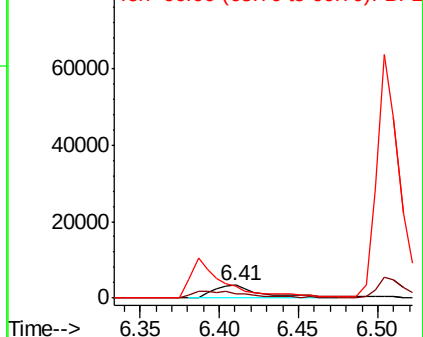
94 100

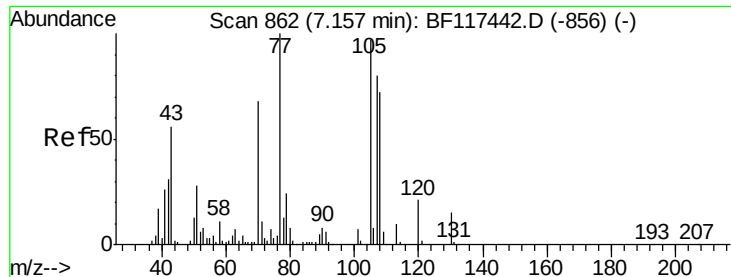
65 33.0 23.4 63.4

66 90.6 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

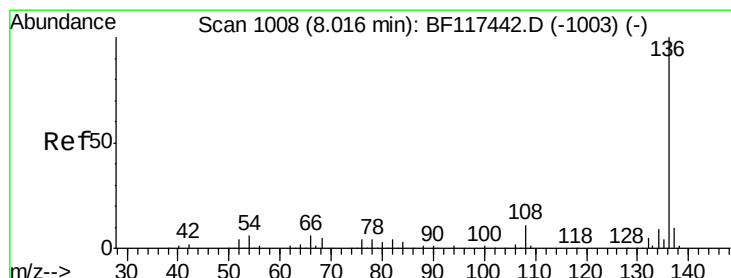
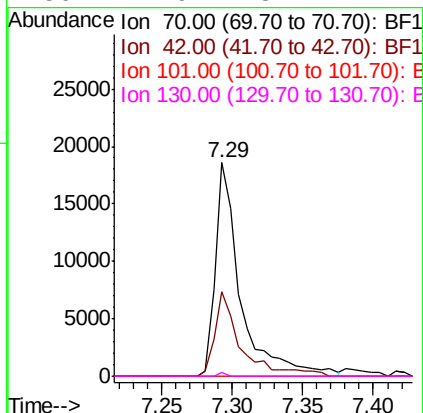
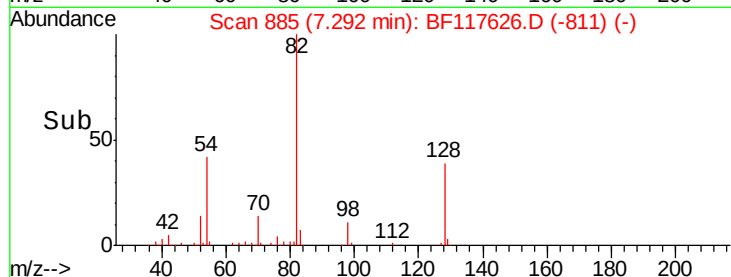
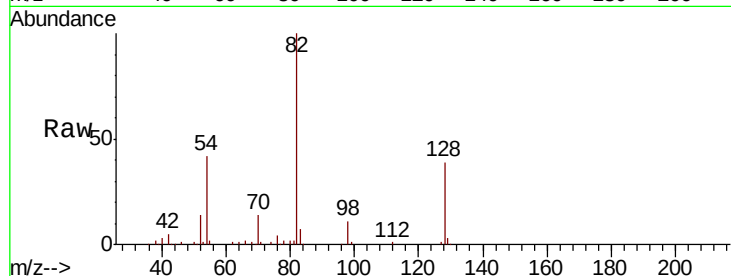




#19
n-Nitroso-di-n-propylamine
Concen: 10.680 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

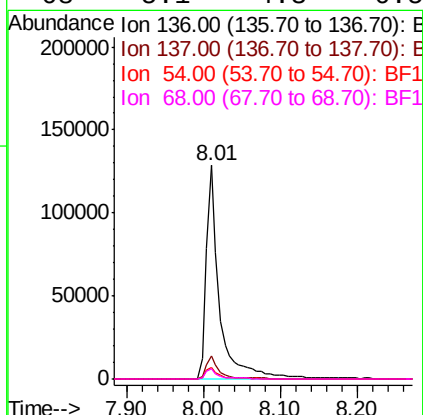
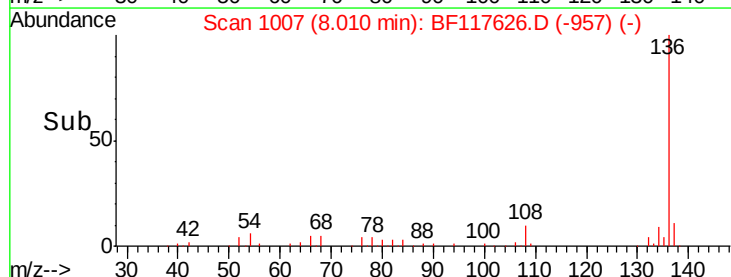
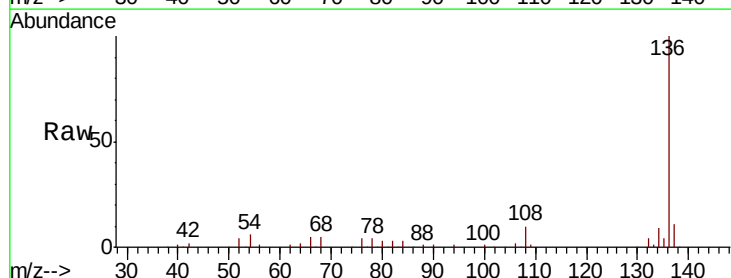
Instrument :
BNA_F
ClientSampleId :

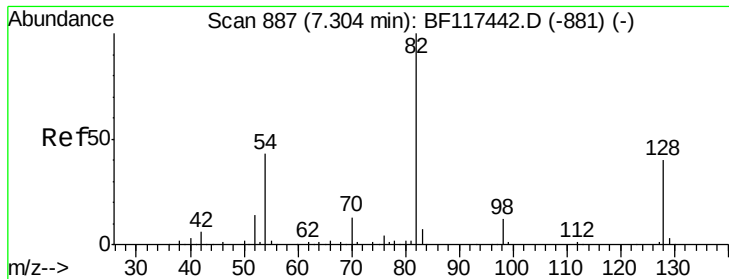
Tot Ion: 70 Resp: 23166
Ion Ratio Lower Upper
70 100
42 39.3 36.7 55.1
101 0.0 8.3 12.5#
130 1.9 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Tgt Ion:136 Resp: 154812
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 5.6 4.5 6.7
68 5.1 4.3 6.5

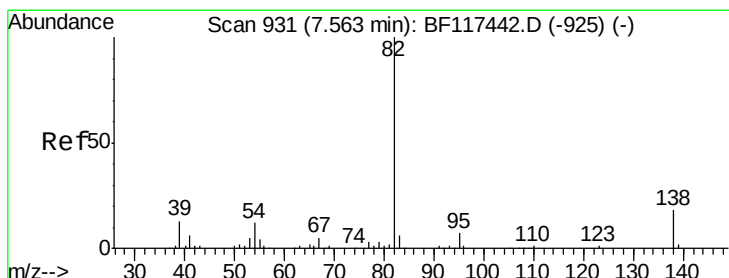
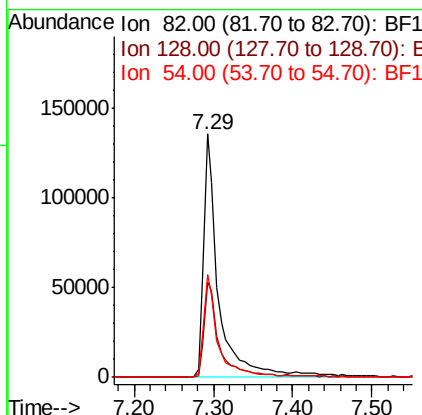
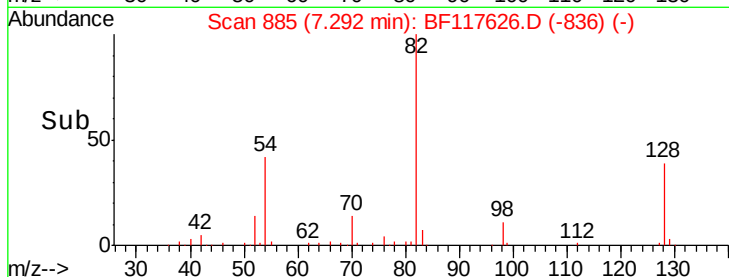
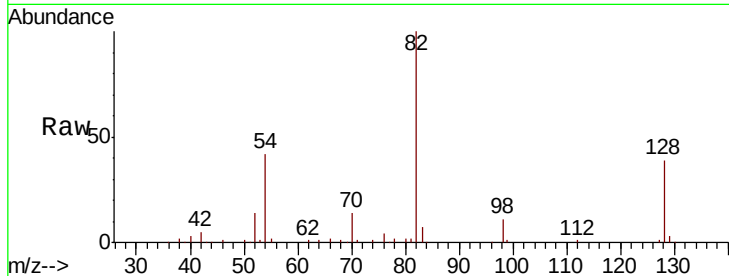




#23
Nitrobenzene-d5
Concen: 57.959 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

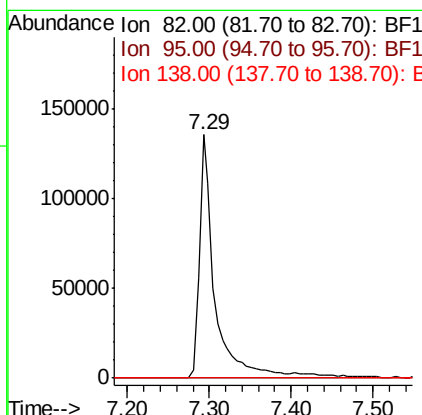
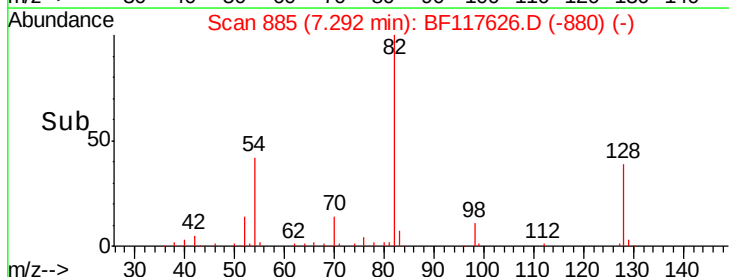
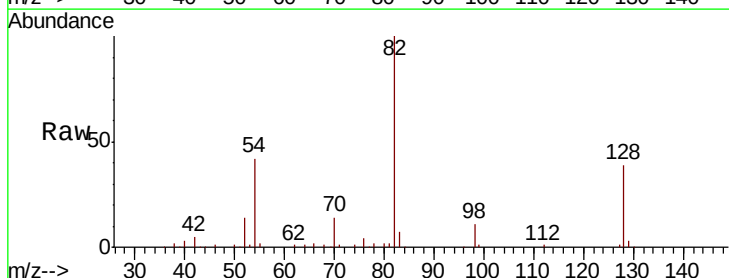
Instrument :
BNA_F
ClientSampleId :

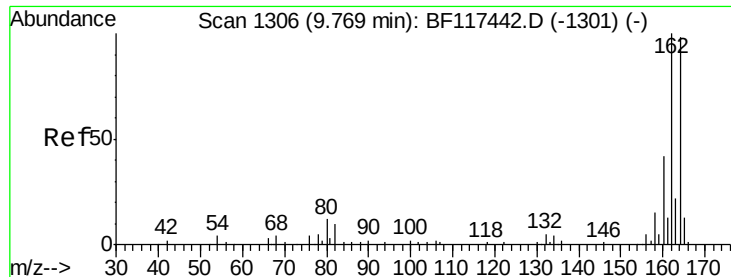
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.2	48.2
54	42.0	34.2	51.2



#25
Isophorone
Concen: 33.504 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

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

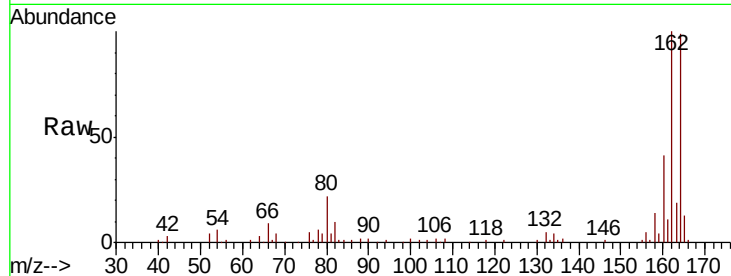




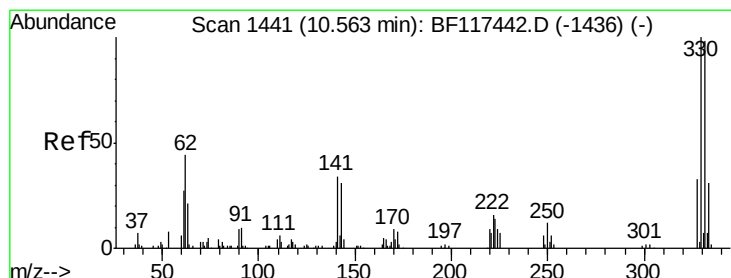
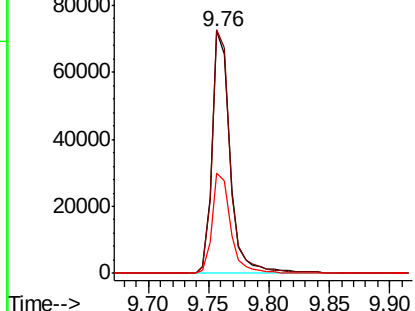
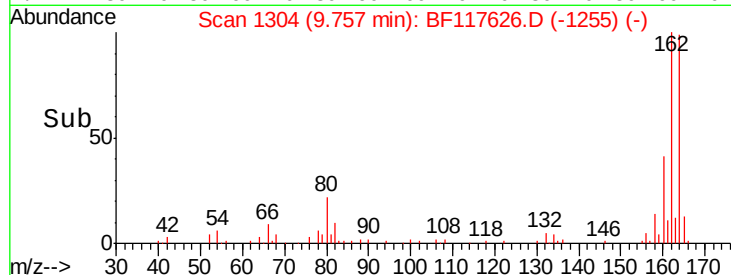
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 73870
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.6
160 41.4 34.4 51.6

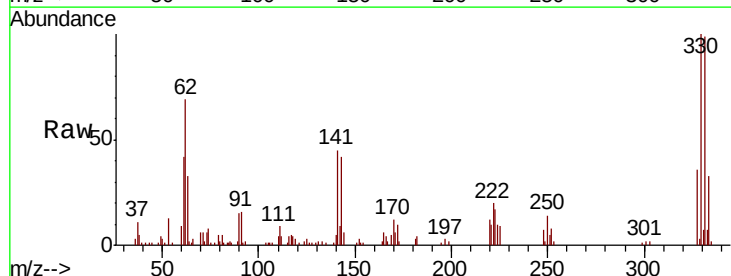


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

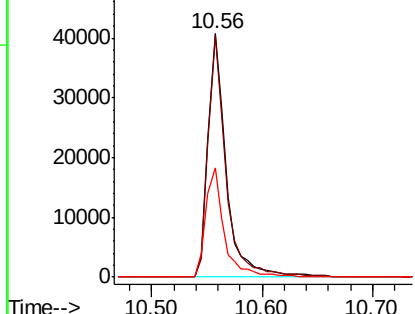
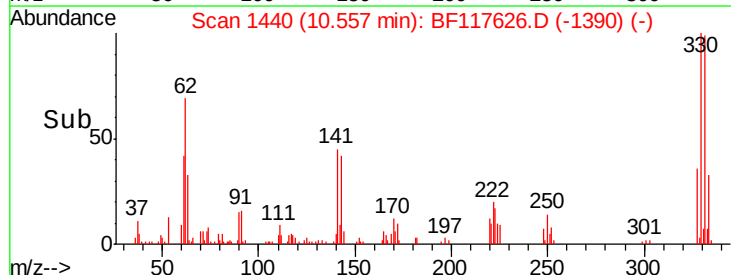


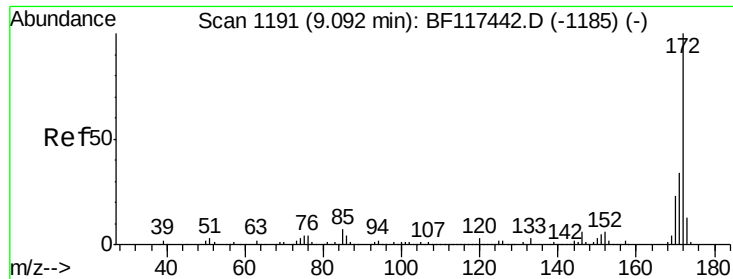
#42
2,4,6-Tribromophenol
Concen: 71.465 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Tgt Ion:330 Resp: 45678
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 45.5 37.0 55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

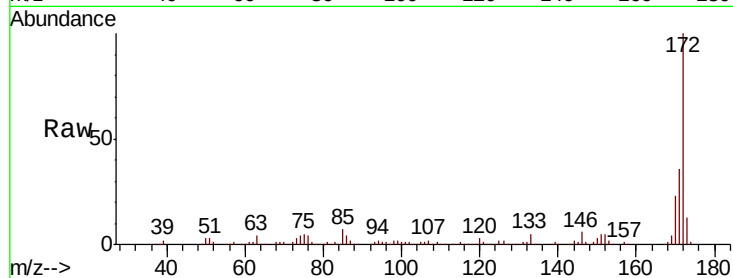




#45
2-Fluorobiphenyl
Concen: 53.495 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.5	41.3
170	22.6	18.6	27.8

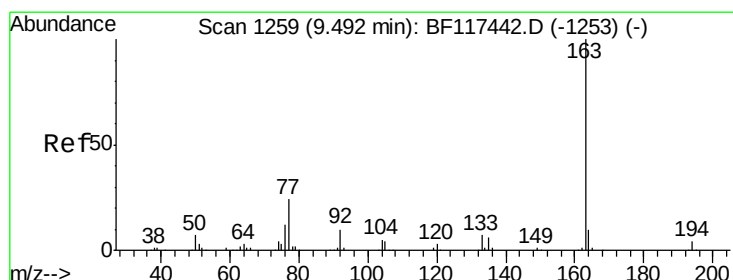
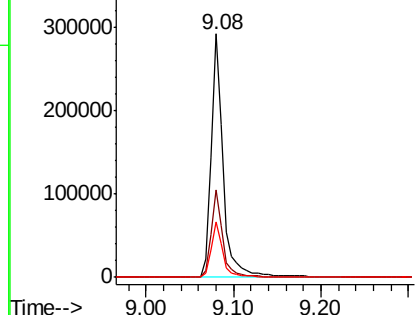
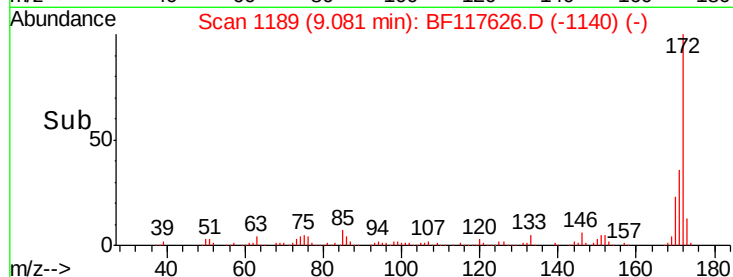


Abundance

Ion 172.00 (171.70 to 172.70): E

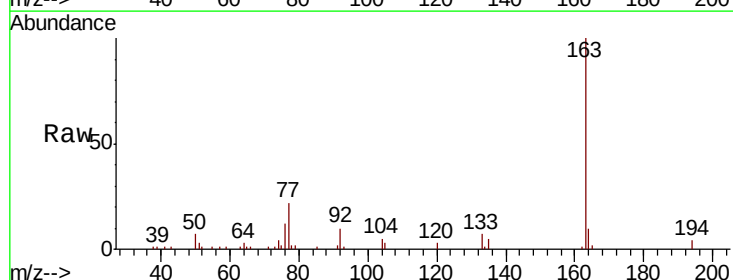
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.744 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	10.4	8.2	12.2

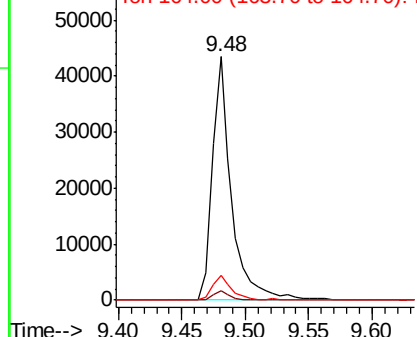
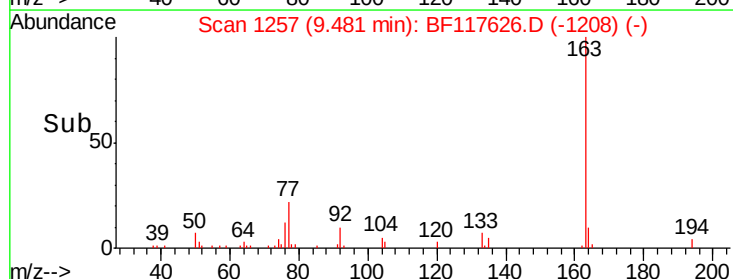


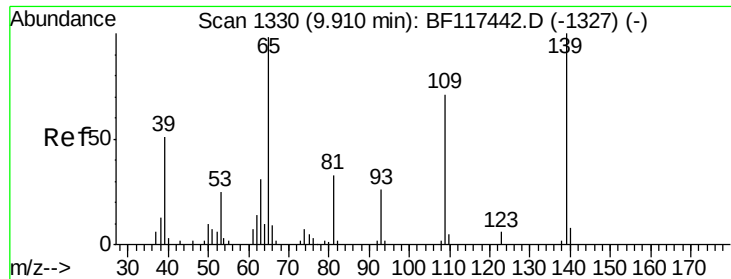
Abundance

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

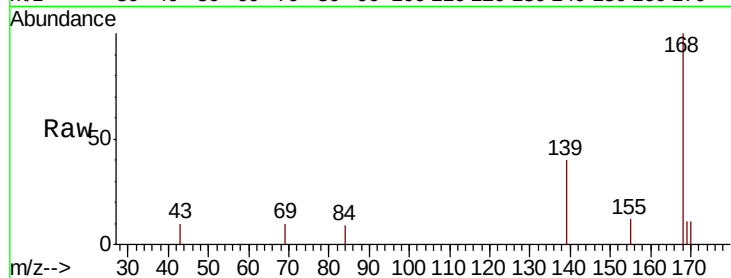




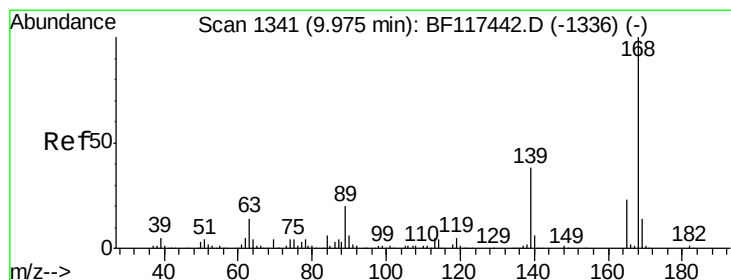
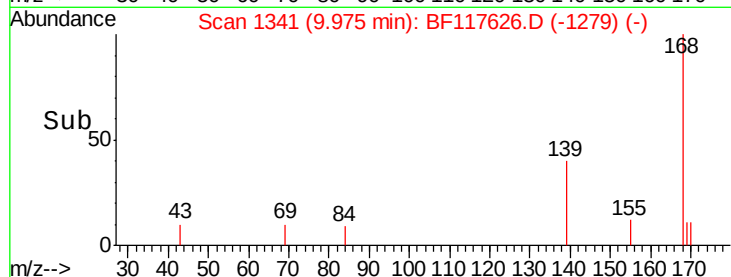
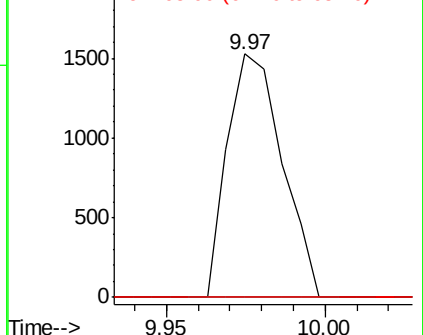
#56
4-Nitrophenol
Concen: 6.955 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 1828
Ion Ratio Lower Upper
139 100
109 0.0 51.4 91.4#
65 0.0 79.4 119.4#

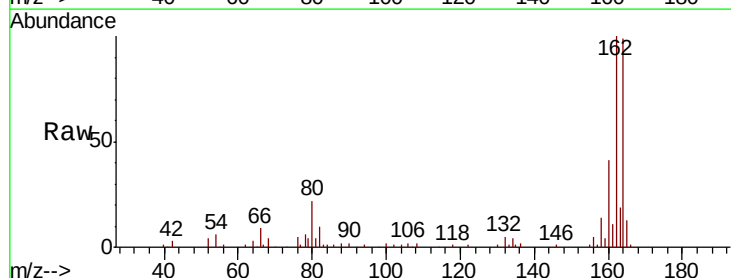


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

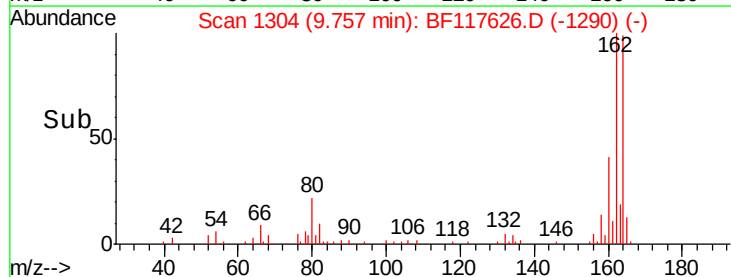
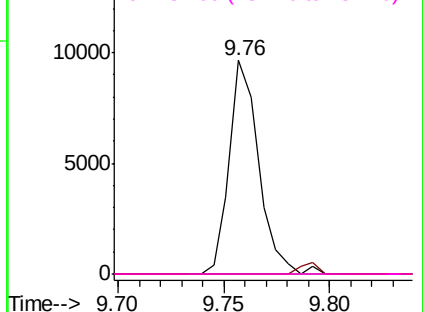


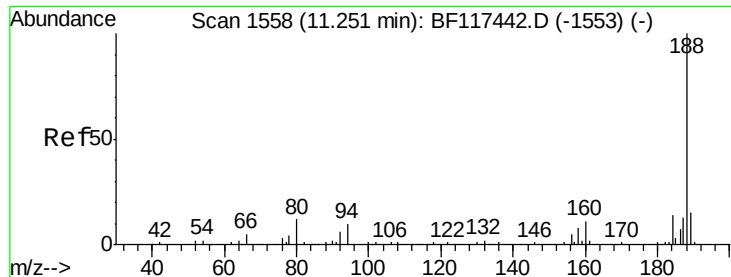
#57
2,4-Dinitrotoluene
Concen: 6.361 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Tgt Ion:165 Resp: 9294
Ion Ratio Lower Upper
165 100
63 0.0 51.4 77.0#
89 0.0 69.9 104.9#
182 0.0 1.9 2.9#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): BF1

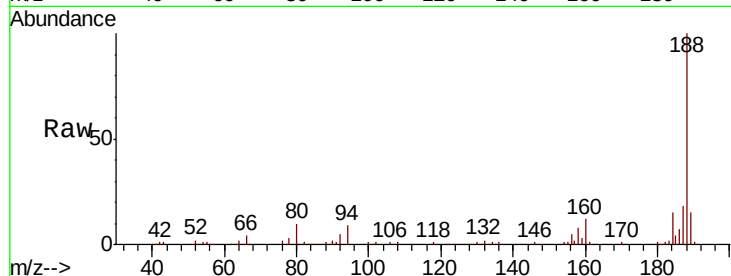




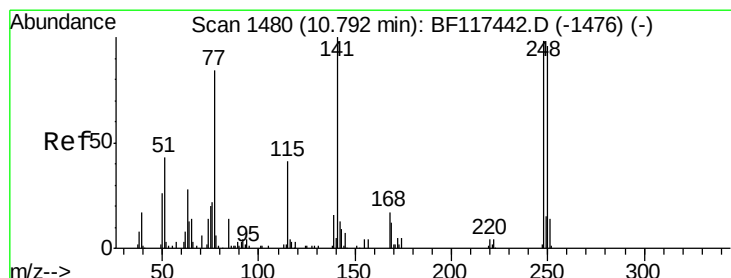
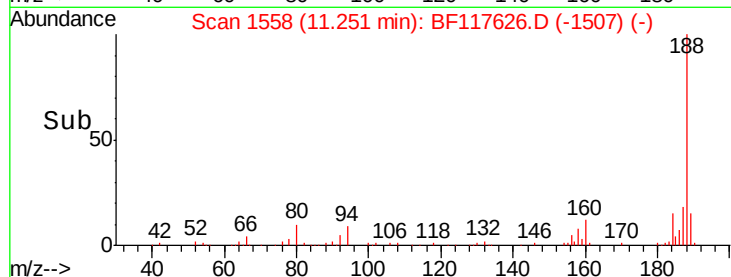
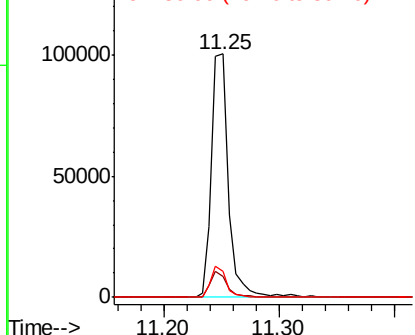
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF117626.D
 Acq: 30 Oct 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 103244
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.0 12.0
 80 10.5 9.5 14.3

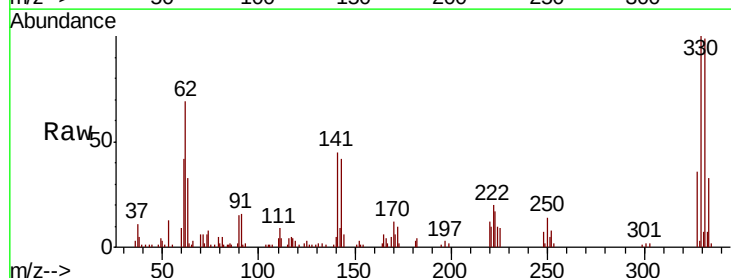


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

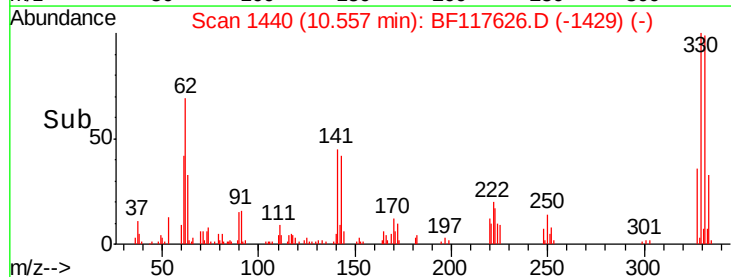
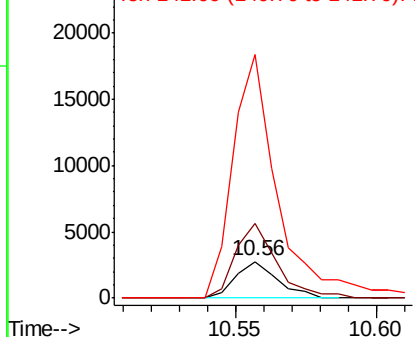


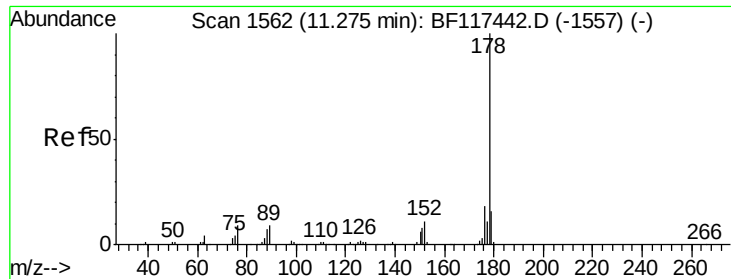
#67
 4-Bromophenyl-phenylether
 Concen: 2.539 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF117626.D
 Acq: 30 Oct 2019 15:59

Tgt Ion:248 Resp: 2823
 Ion Ratio Lower Upper
 248 100
 250 206.2 78.0 117.0#
 141 667.0 81.7 122.5#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

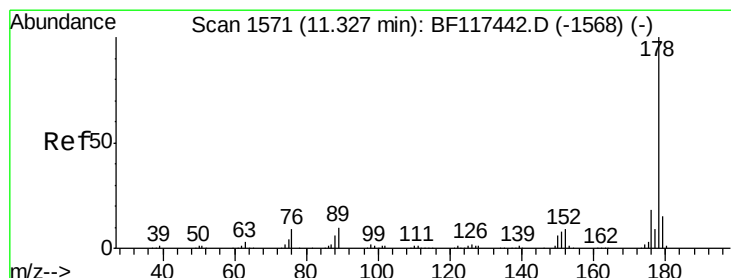
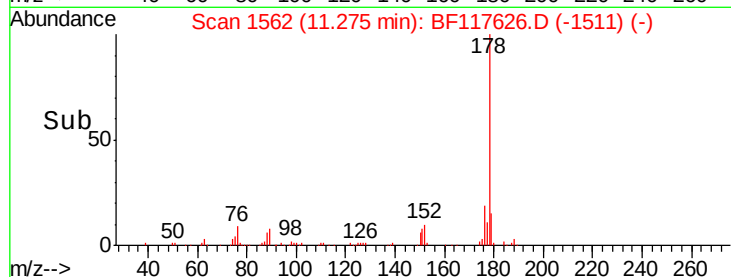
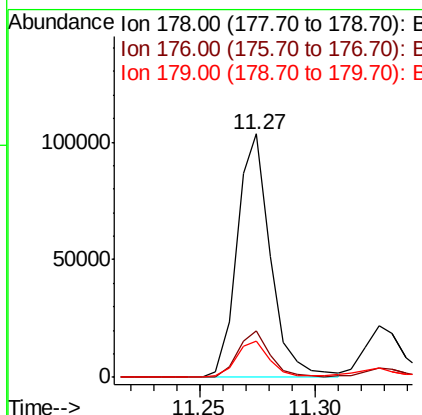
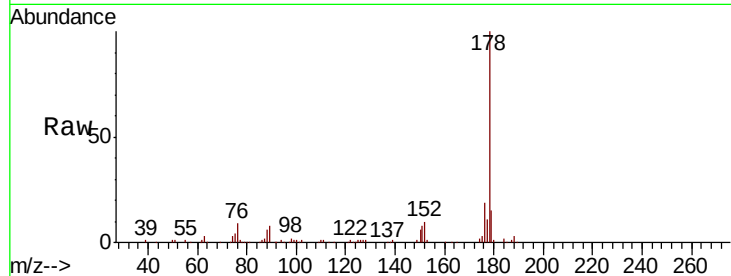




#71
Phenanthrene
Concen: 17.417 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

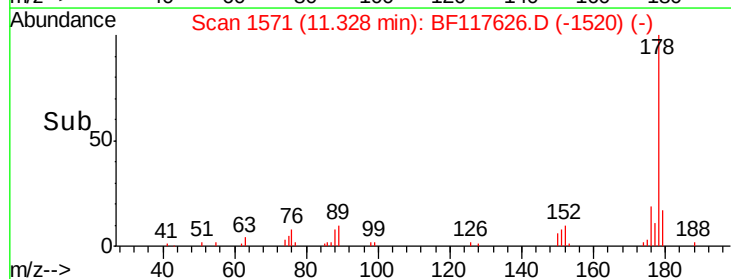
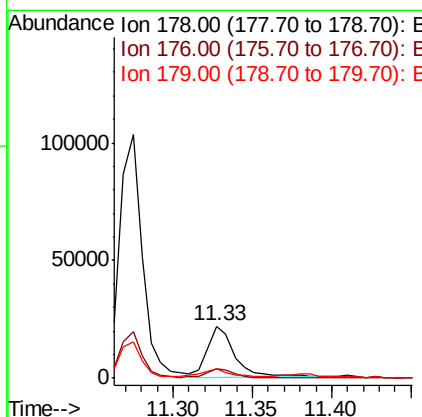
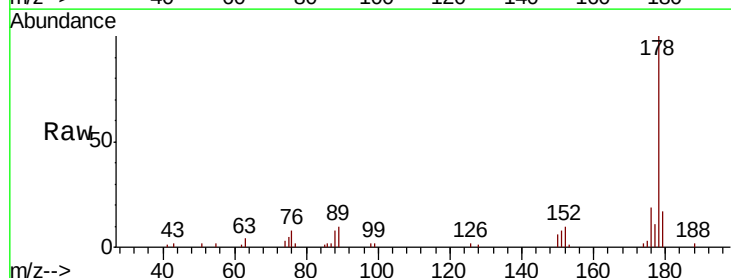
Instrument :
BNA_F
ClientSampleId :

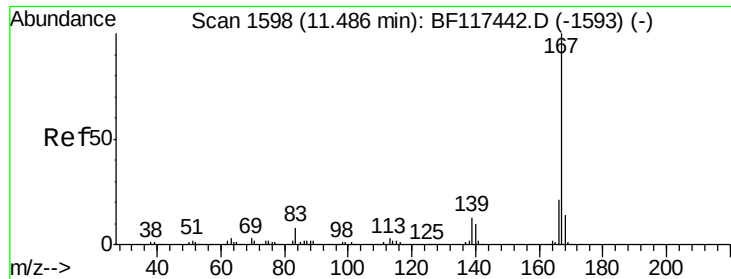
Tot Ion:178 Resp: 104412
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 15.1 12.6 19.0



#72
Anthracene
Concen: 4.321 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Tgt Ion:178 Resp: 26578
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 17.0 12.2 18.2

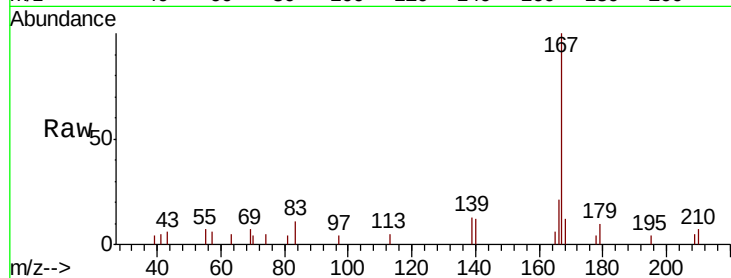




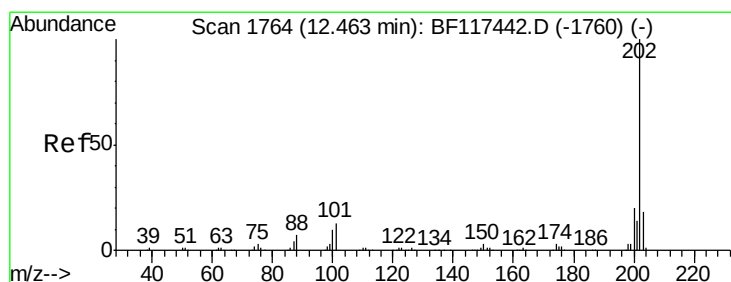
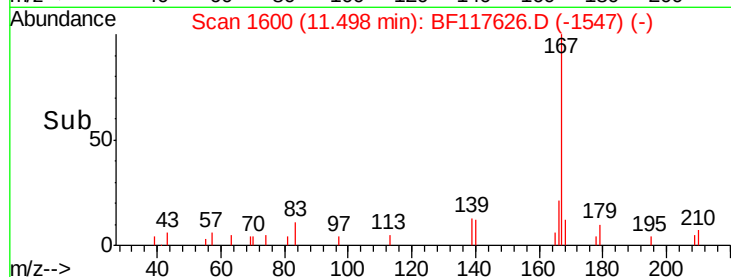
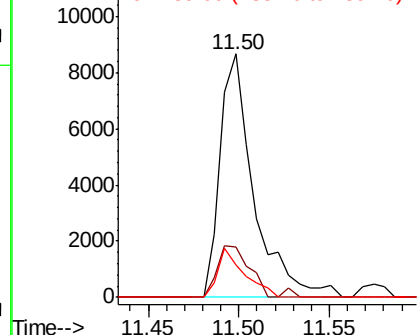
#73
 Carbazole
 Concen: 2.006 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF117626.D
 Acq: 30 Oct 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 11277
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 13.1 10.6 16.0

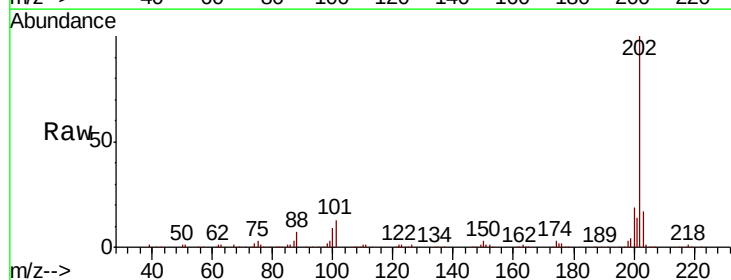


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

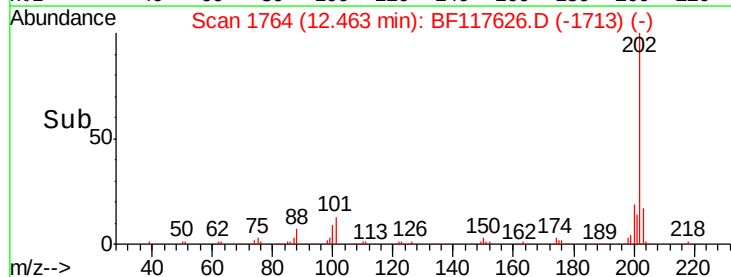
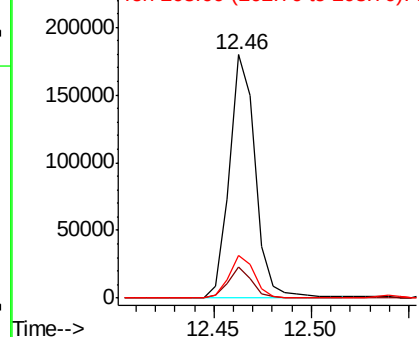


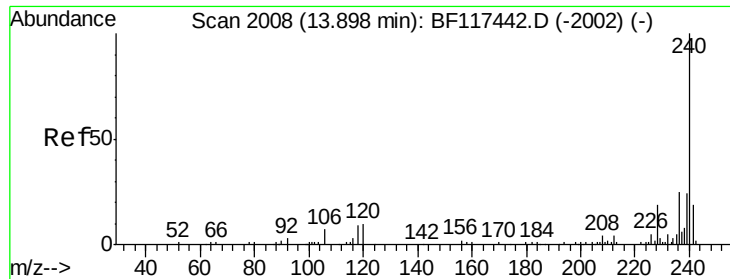
#75
 Fluoranthene
 Concen: 27.746 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF117626.D
 Acq: 30 Oct 2019 15:59

Tgt Ion:202 Resp: 166518
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 32.7
 203 17.3 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

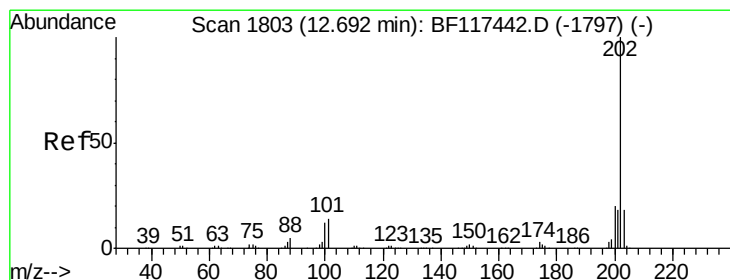
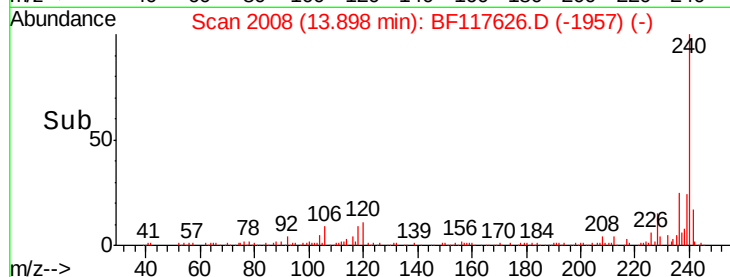
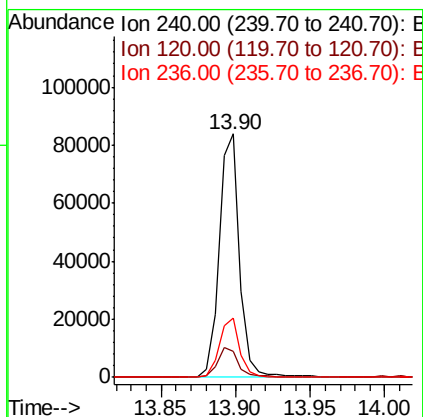
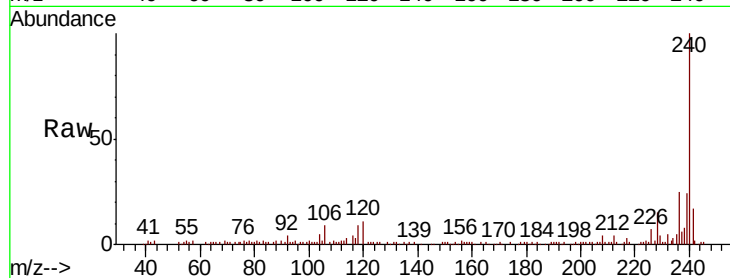




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

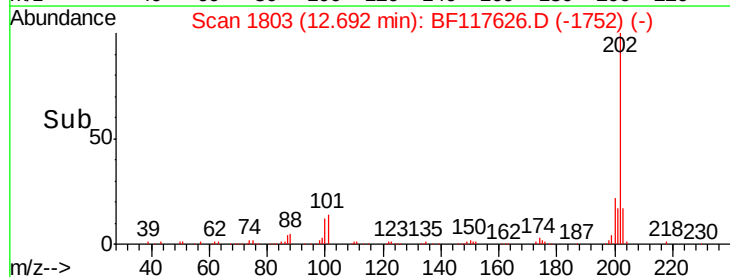
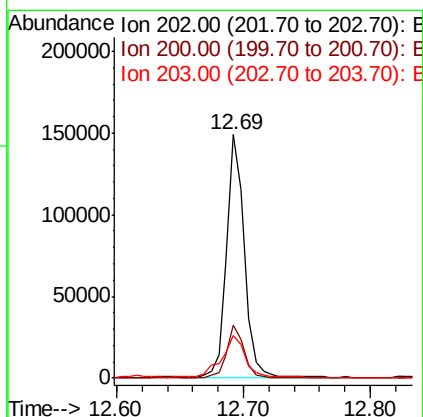
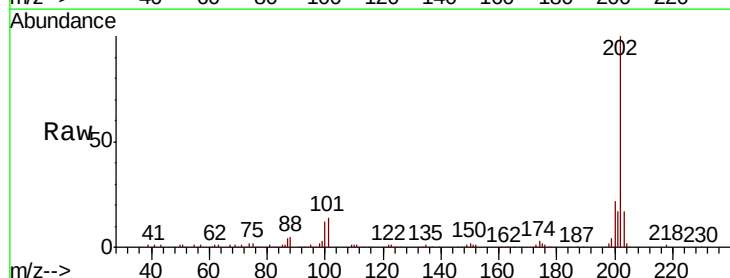
Instrument :
BNA_F
ClientSampleId :

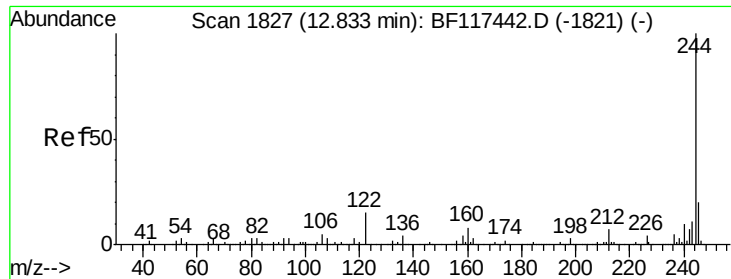
Tot Ion:240 Resp: 80138
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 24.6 20.0 30.0



#78
Pyrene
Concen: 20.917 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Tgt Ion:202 Resp: 143982
Ion Ratio Lower Upper
202 100
200 21.5 16.2 24.2
203 17.5 14.0 21.0

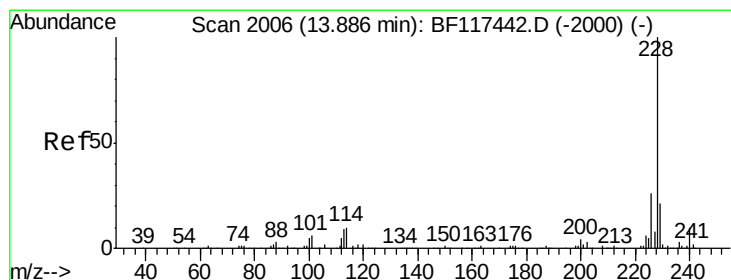
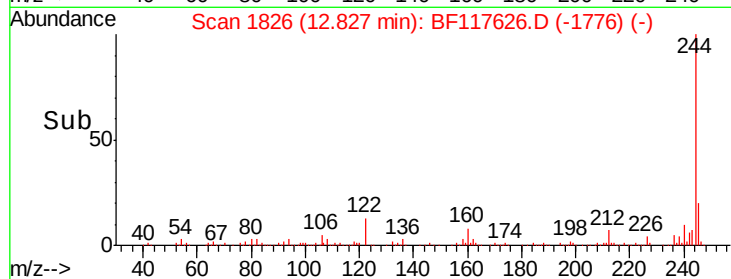
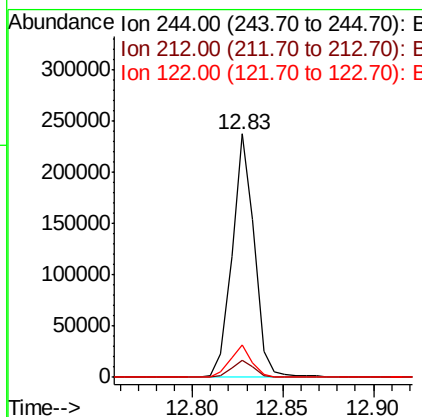
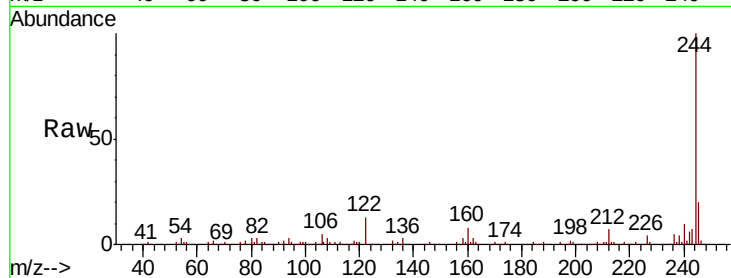




#79
 Terphenyl-d14
 Concen: 41.148 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117626.D
 Acq: 30 Oct 2019 15:59

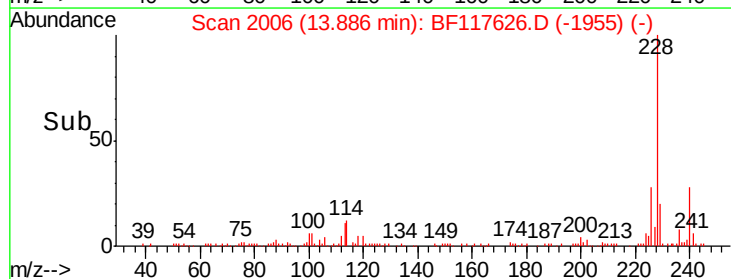
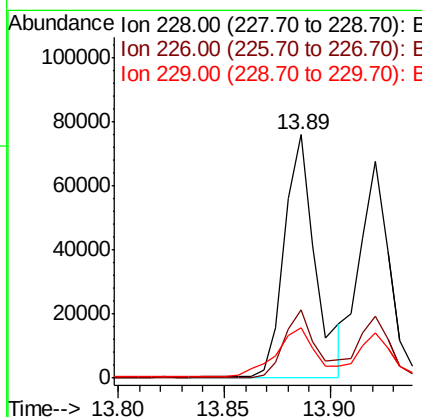
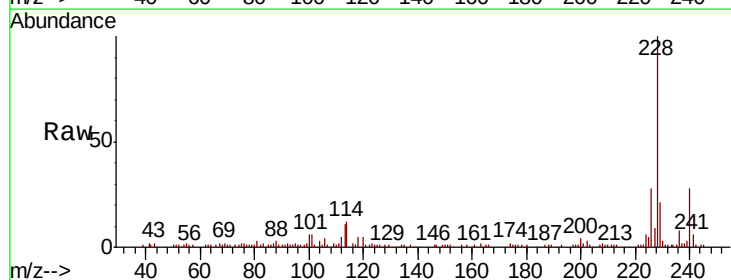
Instrument :
 BNA_F
 ClientSampleId :

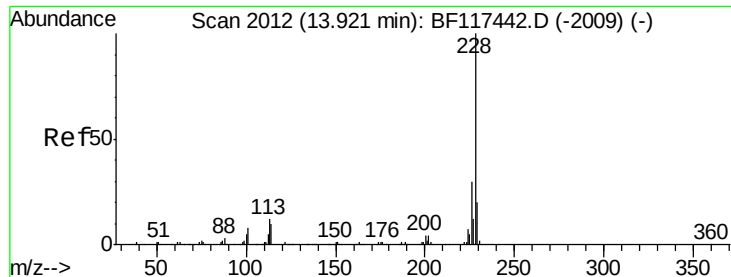
Tot Ion:244 Resp: 202162
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 13.5 11.8 17.8



#81
 Benzo(a)anthracene
 Concen: 14.561 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF117626.D
 Acq: 30 Oct 2019 15:59

Tgt Ion:228 Resp: 78710
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.0 31.4
 229 20.9 16.4 24.6





#83

Chrysene

Concen: 12.491 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117626.D

Acq: 30 Oct 2019 15:59

Instrument :

BNA_F

ClientSampled :

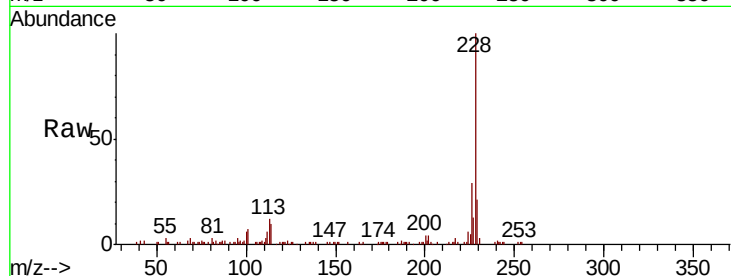
Tot Ion:228 Resp: 66174

Ion Ratio Lower Upper

228 100

226 28.7 23.9 35.9

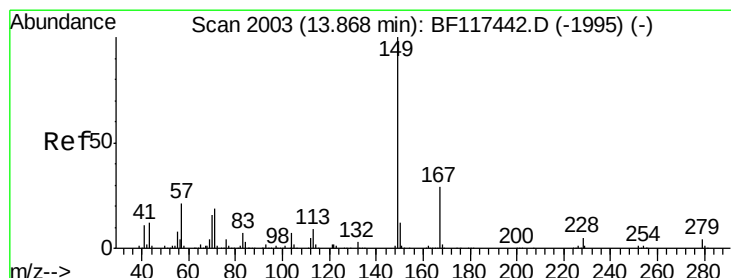
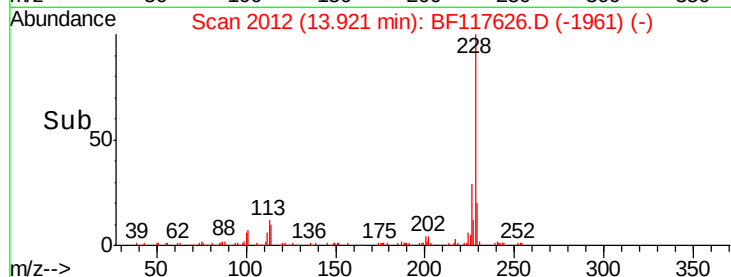
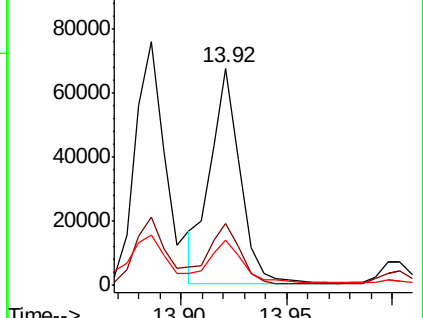
229 20.7 15.8 23.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.228 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF117626.D

Acq: 30 Oct 2019 15:59

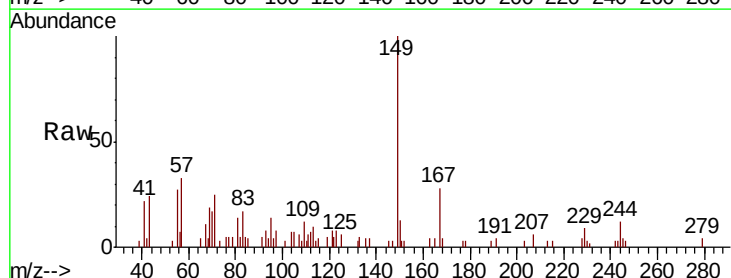
Tgt Ion:149 Resp: 10691

Ion Ratio Lower Upper

149 100

167 28.0 23.3 34.9

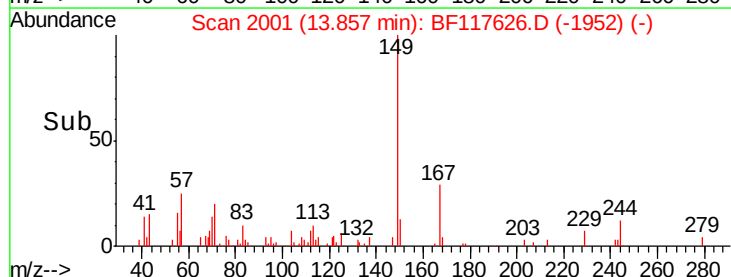
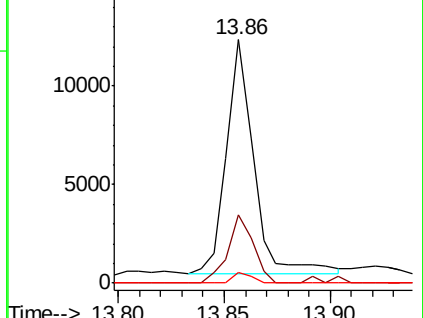
279 4.2 3.2 4.8

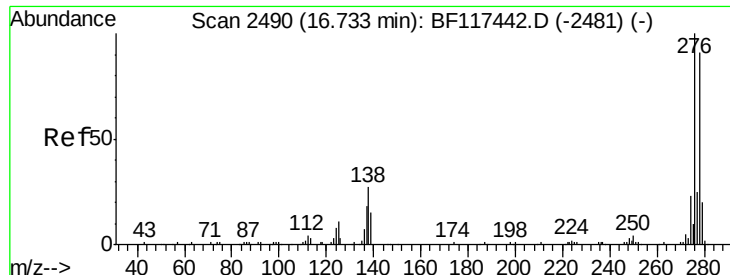


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

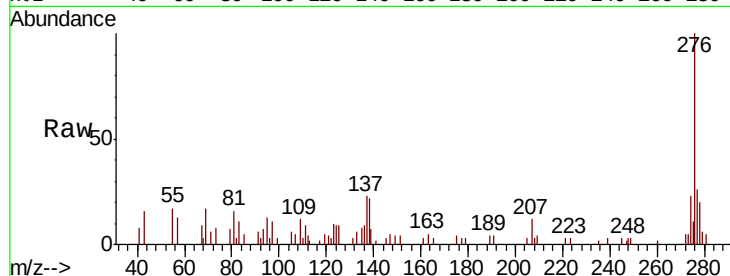




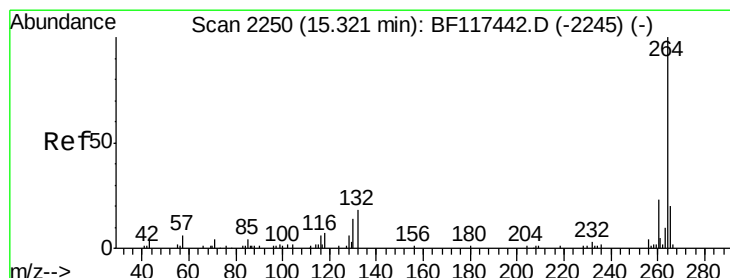
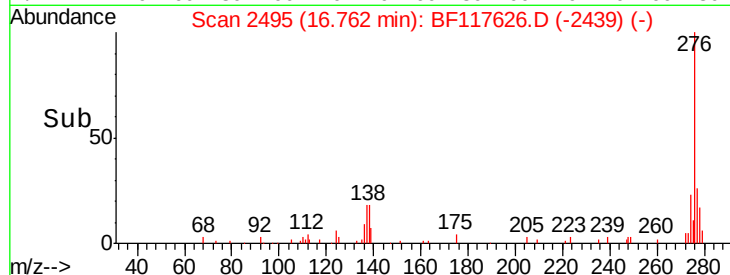
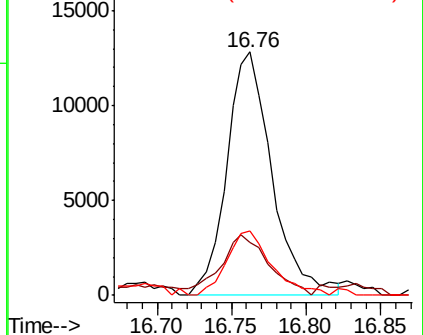
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.870 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.03 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	26.8	21.8	32.8	
277	26.3	20.0	30.0	

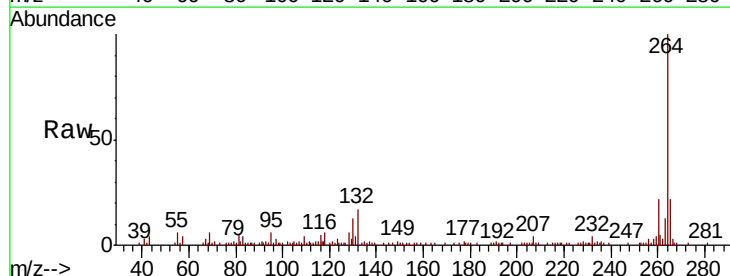


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

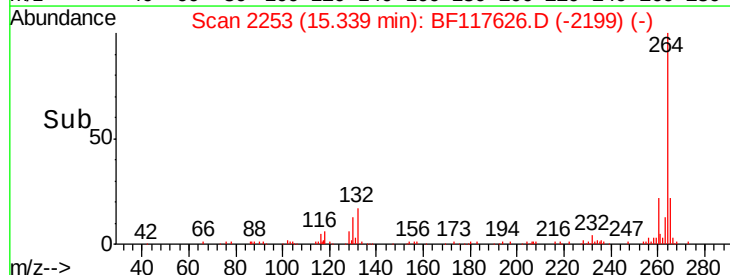
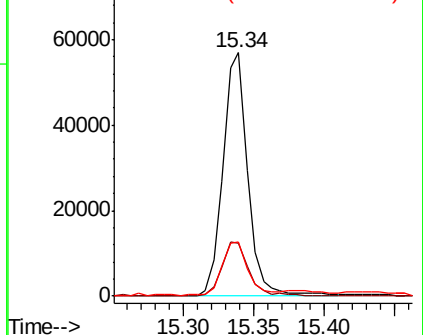


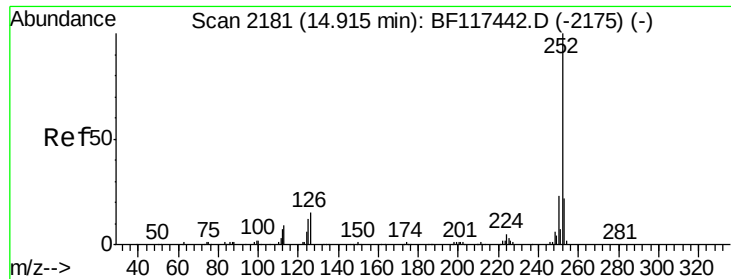
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	21.9	18.4	27.6	
265	22.2	16.1	24.1	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

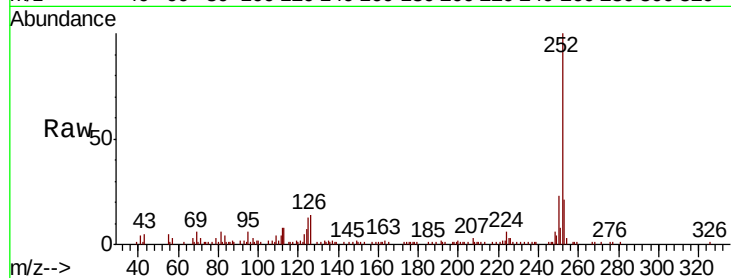




#88
Benzo(b)fluoranthene
Concen: 24.540 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.6
125	13.3	9.9	14.9

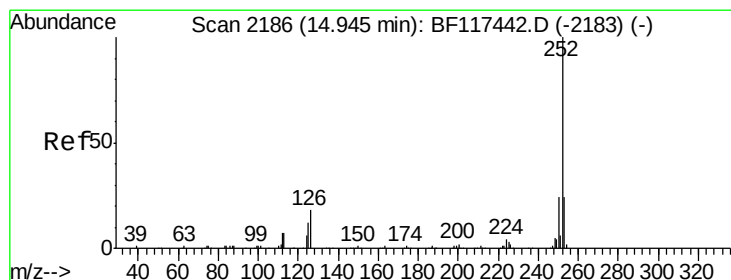
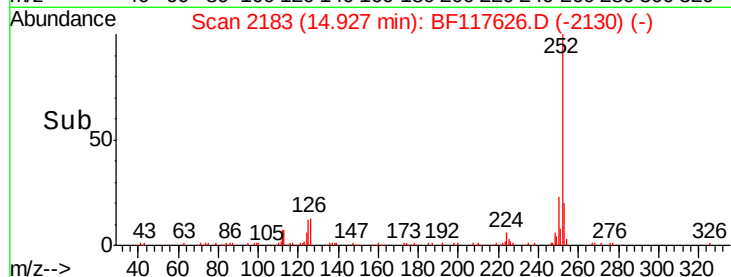
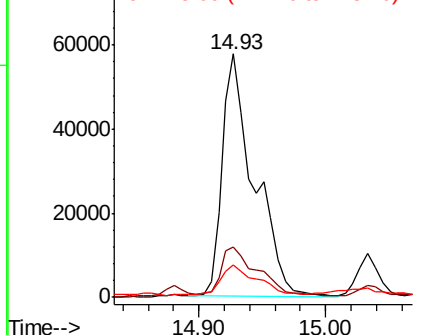


Abundance

Ion 252.00 (251.70 to 252.70): E

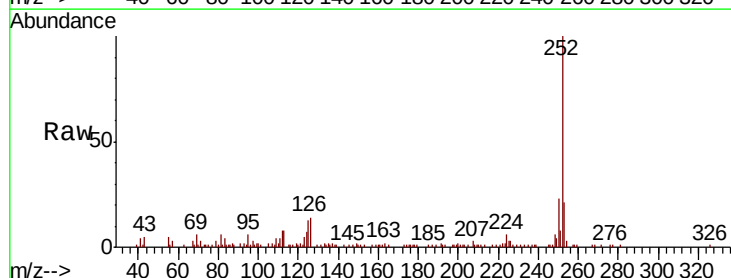
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 23.834 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.0	27.0
125	13.3	8.9	13.3

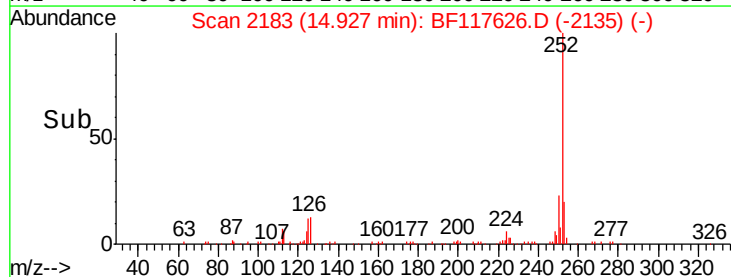
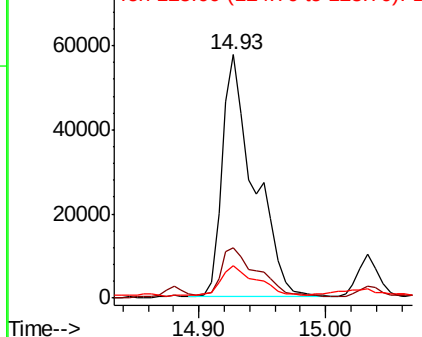


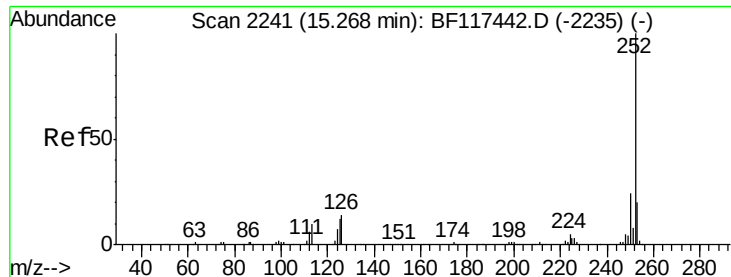
Abundance

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

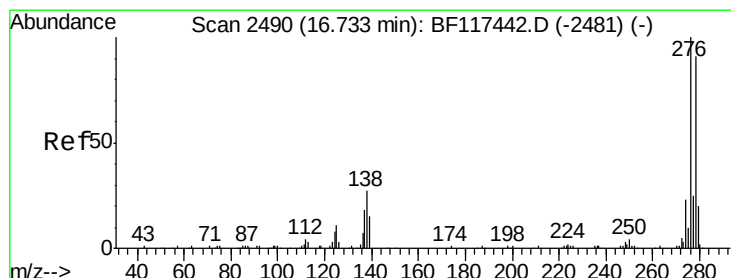
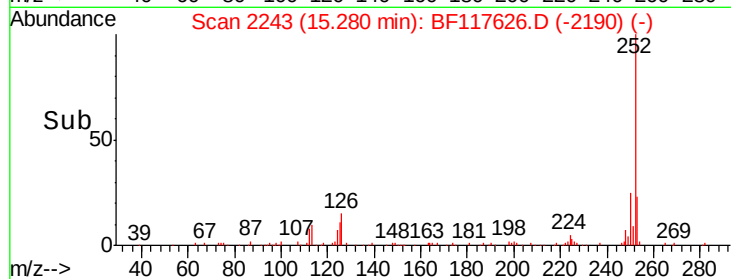
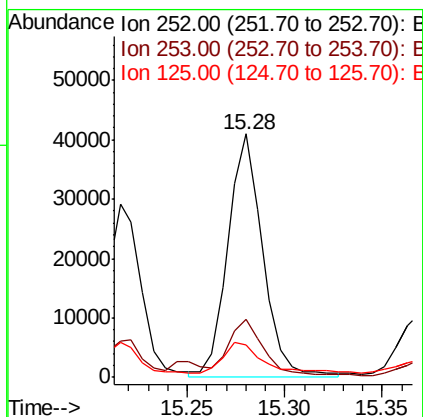
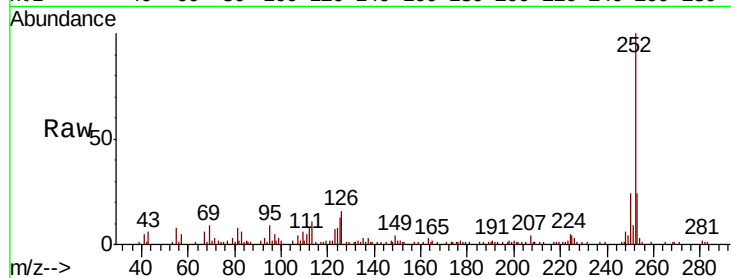




#90
Benzo(a)pyrene
Concen: 13.616 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

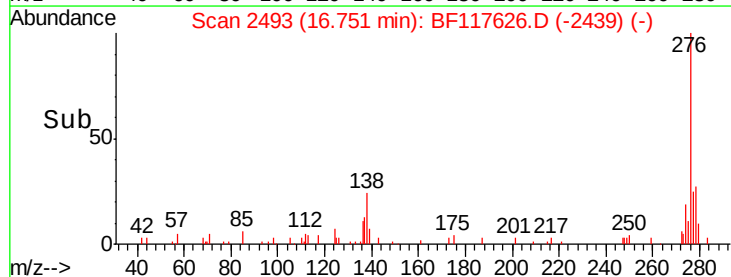
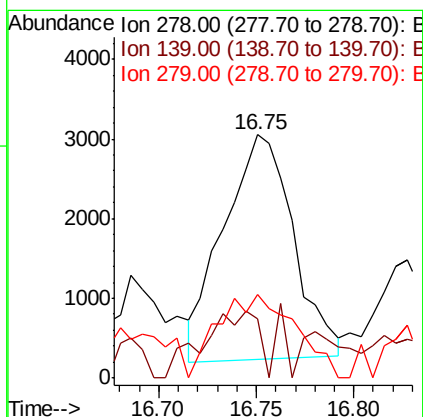
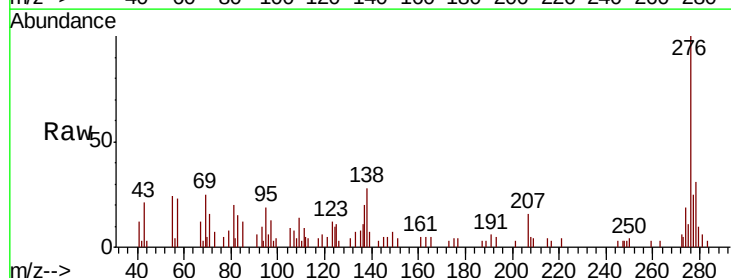
Instrument :
BNA_F
ClientSampleId :

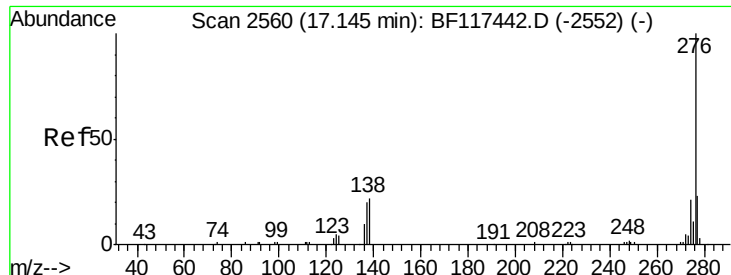
Tot Ion:252 Resp: 50906
Ion Ratio Lower Upper
252 100
253 24.0 16.3 24.5
125 13.2 9.2 13.8



#91
Dibenzo(a,h)anthracene
Concen: 2.169 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117626.D
Acq: 30 Oct 2019 15:59

Tgt Ion:278 Resp: 7012
Ion Ratio Lower Upper
278 100
139 24.4 13.4 20.0#
279 34.1 17.8 26.6#





#92

Benzo(a,h,i)perylene

Concen: 8.243 ng

RT: 17.20 min Scan# 2569

Delta R.T. 0.05 min

Lab File: BF117626.D

Acq: 30 Oct 2019 15:59

Instrument :

BNA_F

ClientSampleId :

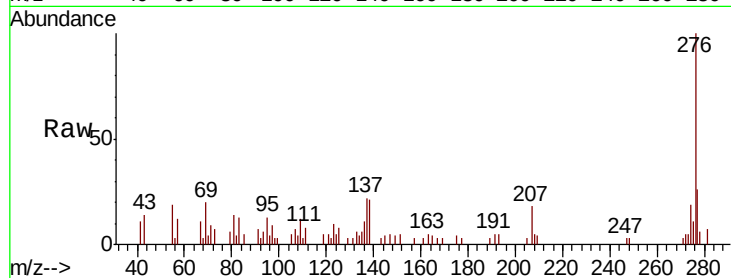
Tot Ion: 276 Resp: 25212

Ion Ratio Lower Upper

276 100

277 25.5 18.4 27.6

138 21.0 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

