

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112874.D
 Acq On : 6 Mar 2019 1:32
 Operator : JU/SJ
 Sample : K1705-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

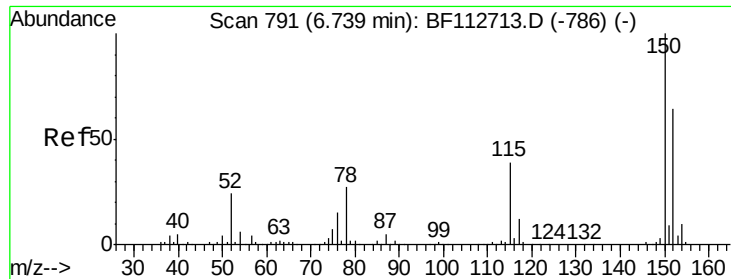
Quant Time: Mar 06 04:16:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	164838	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	623620	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	275563	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	502585	20.00	ng	0.00
76) Chrysene-d12	13.87	240	465058	20.00	ng	0.00
87) Perylene-d12	15.29	264	346466	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	896858	84.63	ng	0.00
7) Phenol-d6	6.38	99	1186379	89.13	ng	0.01
23) Nitrobenzene-d5	7.30	82	707328	67.87	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	300573	102.74	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1115082	62.53	ng	0.00
79) Terphenyl-d14	12.83	244	1013626	42.25	ng	0.00

Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	91755	10.884	ng	# 76
25) Isophorone	7.30	82	689149	30.694	ng	# 66
50) Dimethylphthalate	9.49	163	87313	4.297	ng	99
51) 2,6-Dinitrotoluene	9.77	165	35767	8.453	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	35767	6.801	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.56	198	425	4.799	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	17391	3.285	ng	# 1
75) Fluoranthene	12.46	202	136129	5.081	ng	94
78) Pyrene	12.68	202	114917	2.931	ng	98
83) Chrysene	13.90	228	74494	2.360	ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	53056	2.614	ng	99
88) Benzo(b)fluoranthene	14.89	252	102838	4.589	ng	99
89) Benzo(k)fluoranthene	14.89	252	102838	5.066	ng	99
90) Benzo(a)pyrene	15.23	252	43557	2.197	ng	99

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

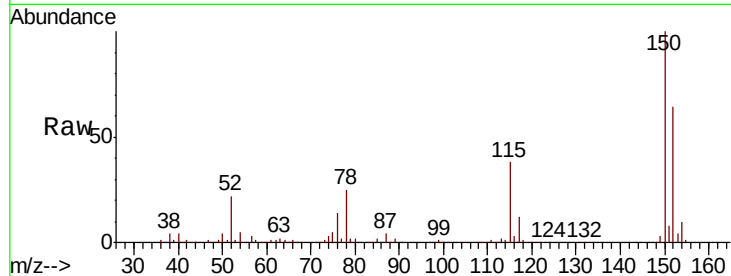


#1

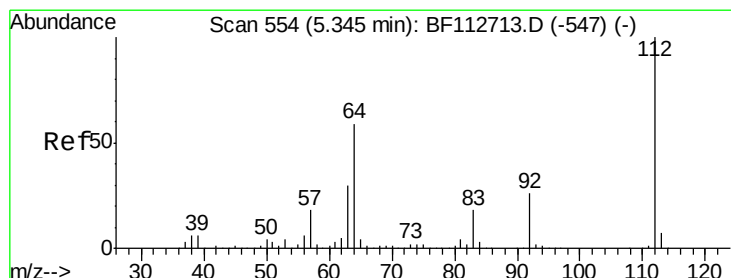
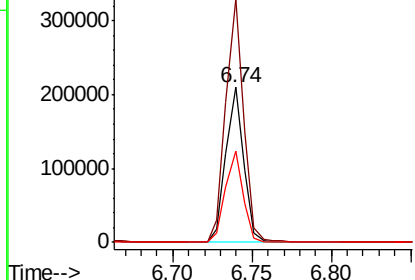
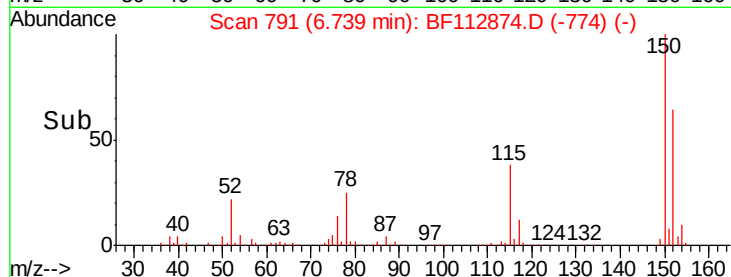
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 164838
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 59.0 48.2 72.4



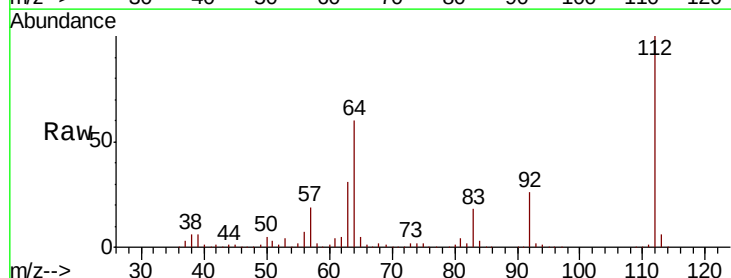
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



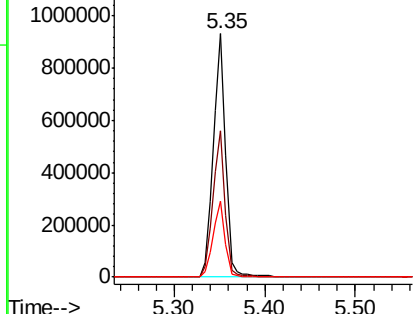
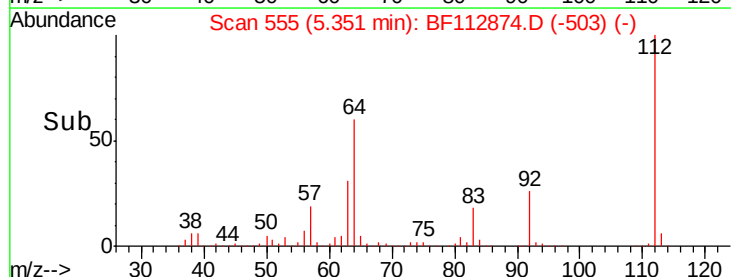
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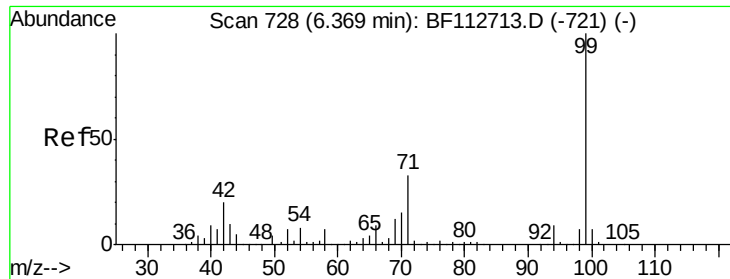
2-Fluorophenol
Concen: 84.635 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Tgt Ion:112 Resp: 896858
Ion Ratio Lower Upper
112 100
64 59.9 47.6 71.4
63 31.2 24.4 36.6



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: 89.125 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

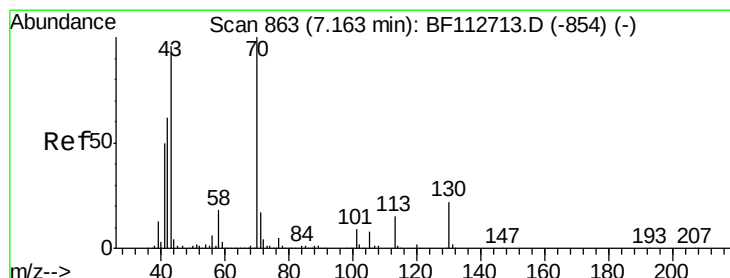
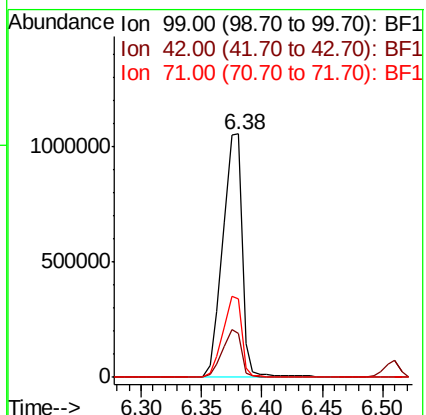
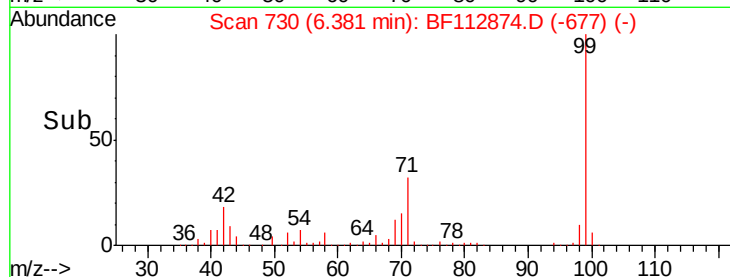
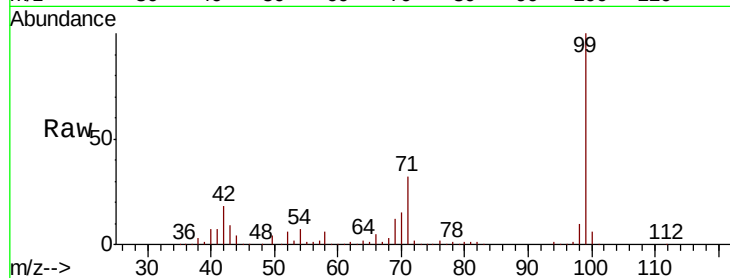
Tgt Ion: 99 Resp: 1186379

Ion Ratio Lower Upper

99 100

42 18.2 16.3 24.5

71 32.0 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.884 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

Tgt Ion: 70 Resp: 91755

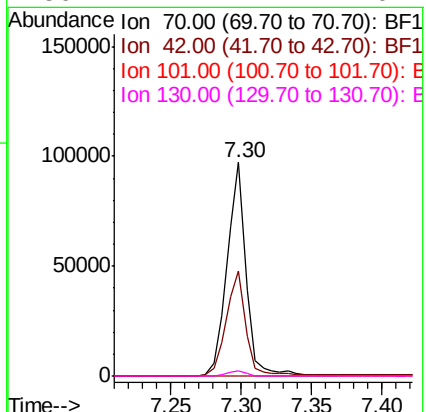
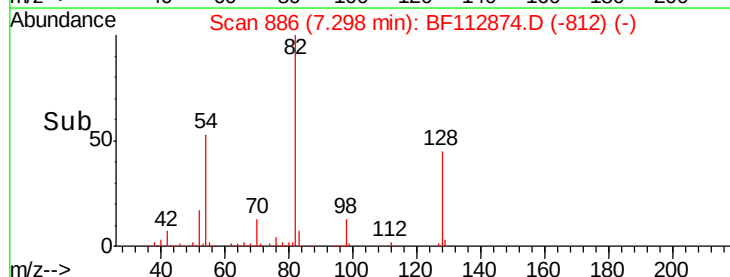
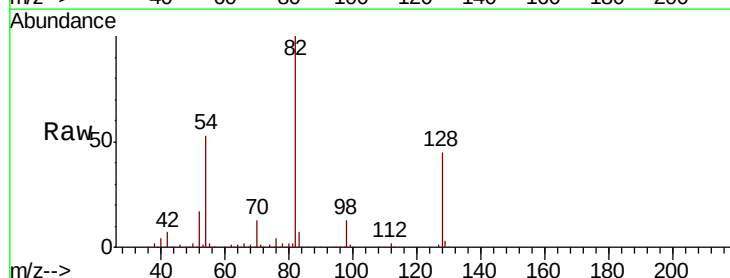
Ion Ratio Lower Upper

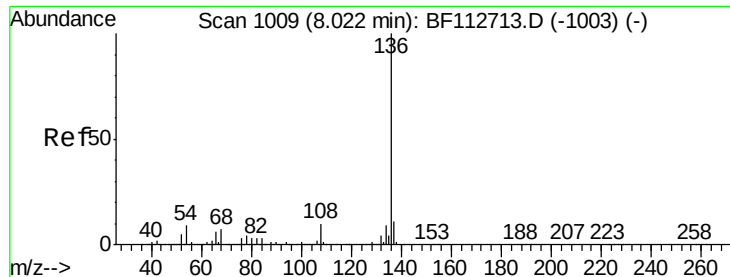
70 100

42 49.2 49.9 74.9#

101 0.0 7.4 11.2#

130 2.1 17.4 26.2#

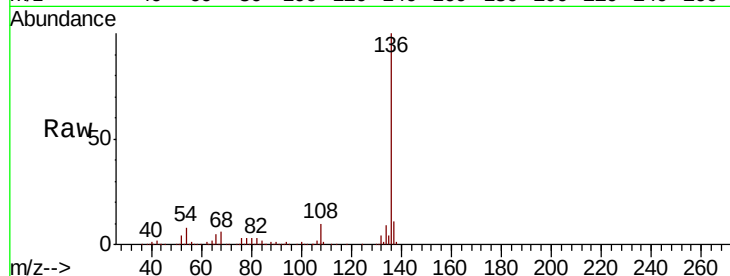




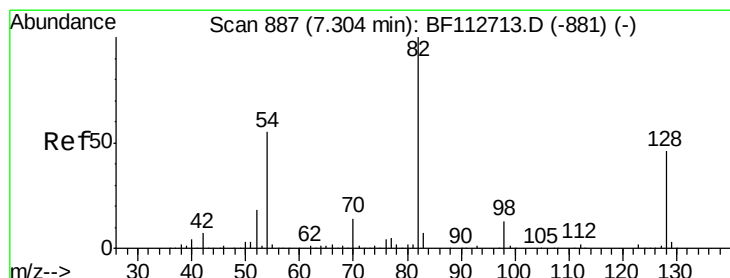
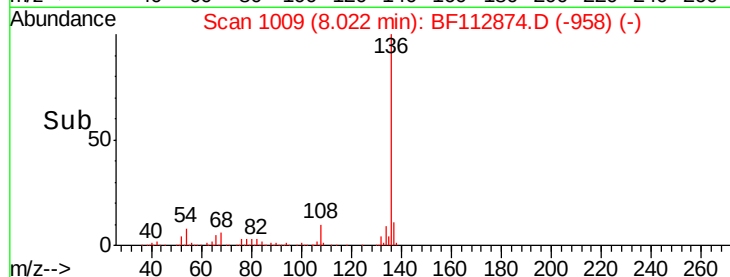
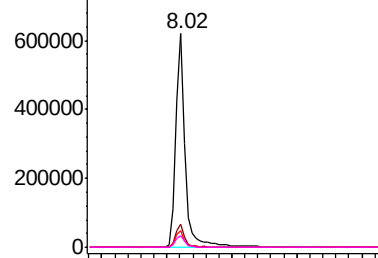
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	623620
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.7	7.3	10.9
68	5.7	5.4	8.2

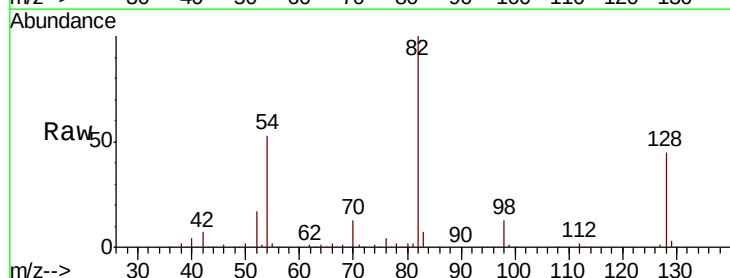


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

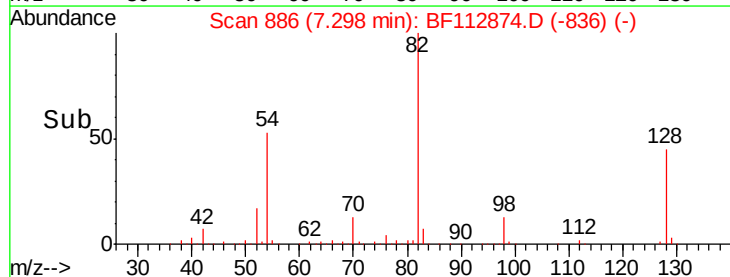
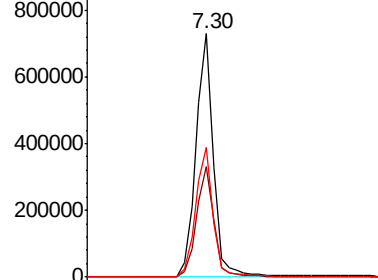


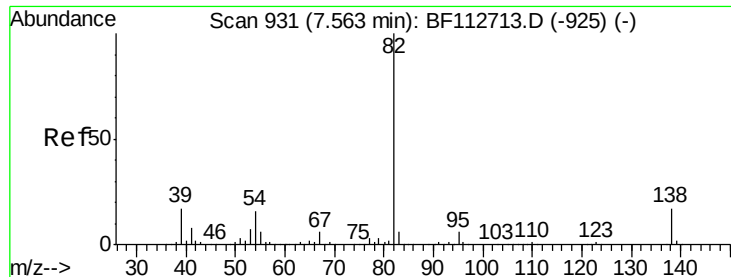
#23
Nitrobenzene-d5
Concen: 67.870 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Tgt Ion:	82	Resp:	707328
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	53.1	43.7	65.5



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

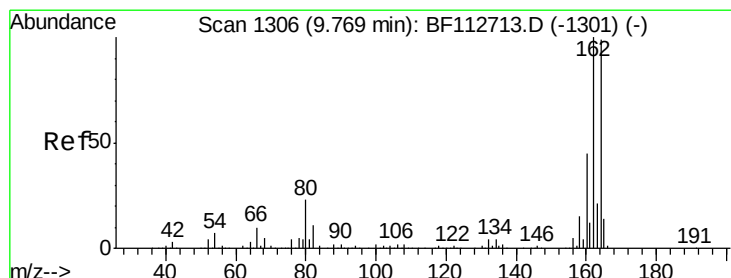
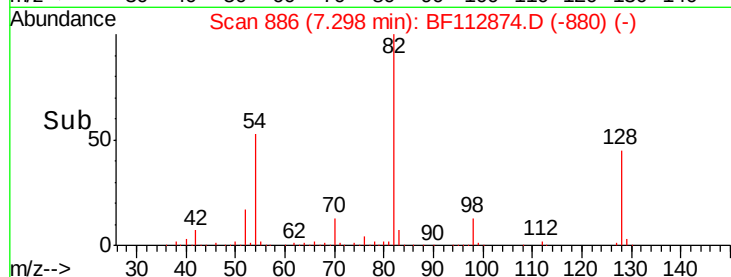
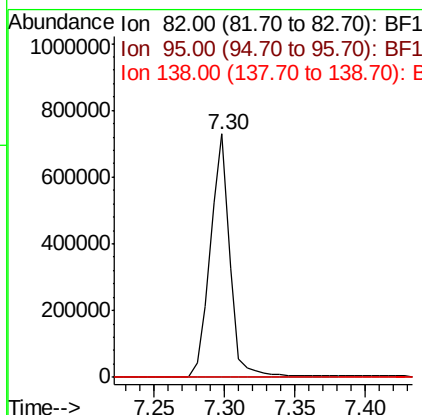
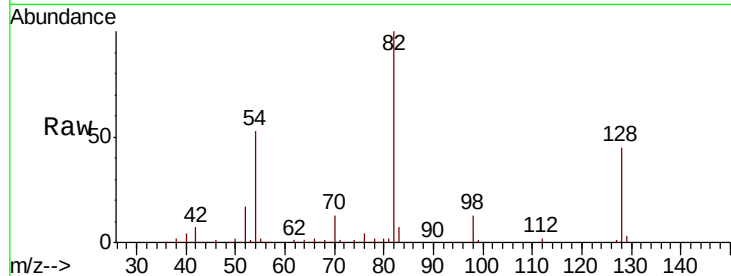




#25
Isophorone
Concen: 30.694 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

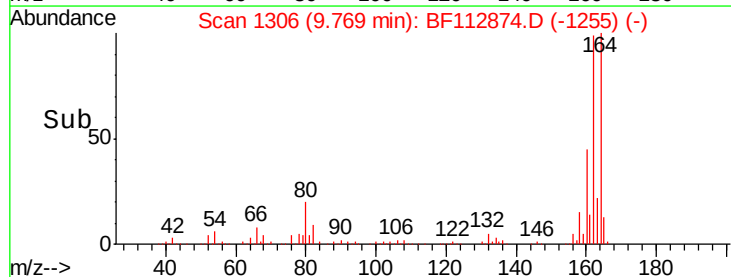
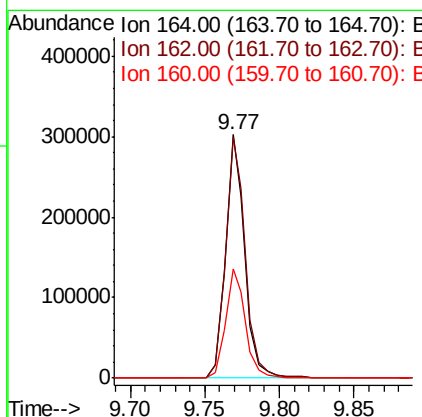
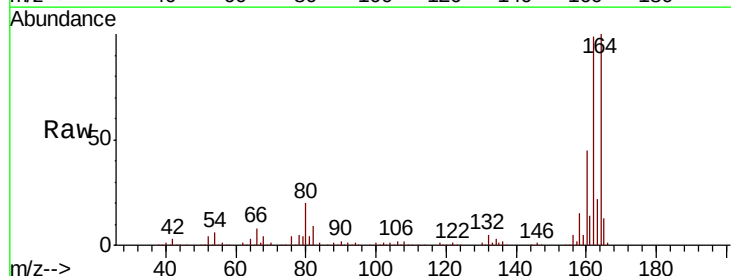
Instrument :
BNA_F
ClientSampleId :
DFTPP

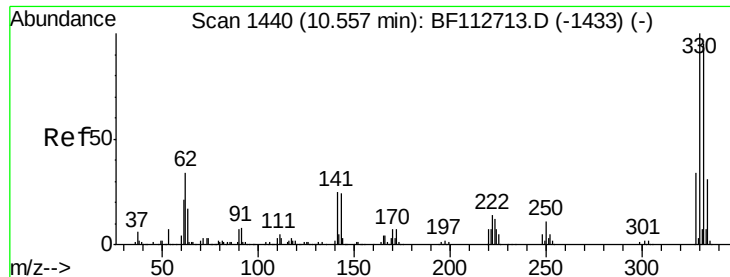
Tgt Ion: 82 Resp: 689149
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Tgt Ion: 164 Resp: 275563
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 45.1 36.0 54.0

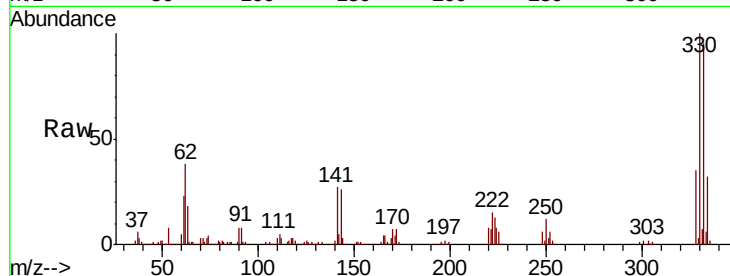




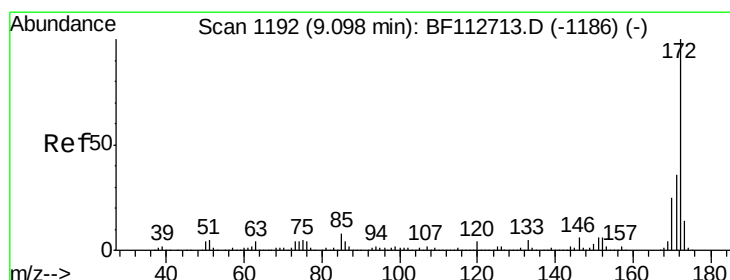
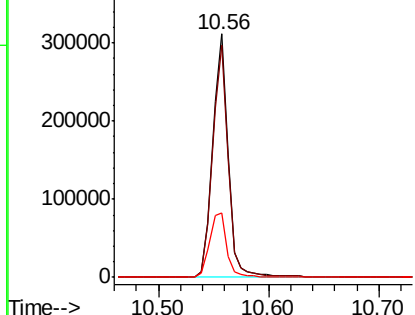
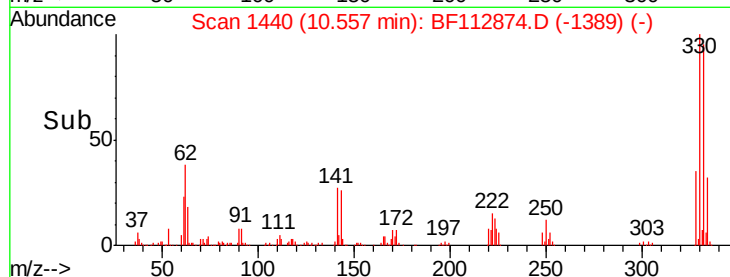
#42
 2,4,6-Tribromophenol
 Concen: 102.744 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112874.D
 Acq: 6 Mar 2019 1:32

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	28.9	27.0	40.6

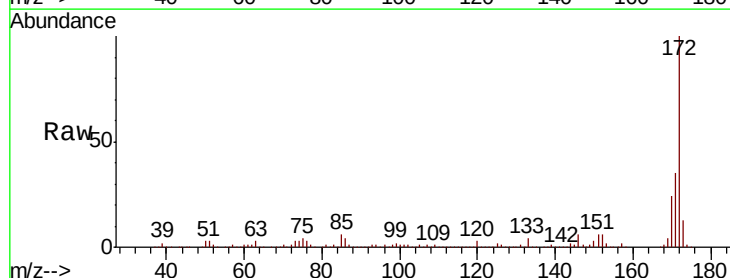


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

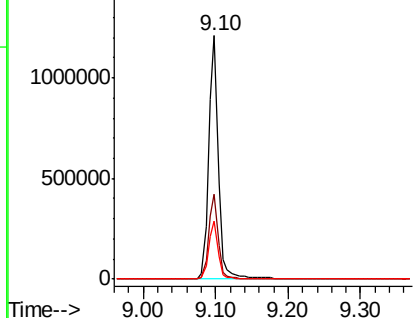
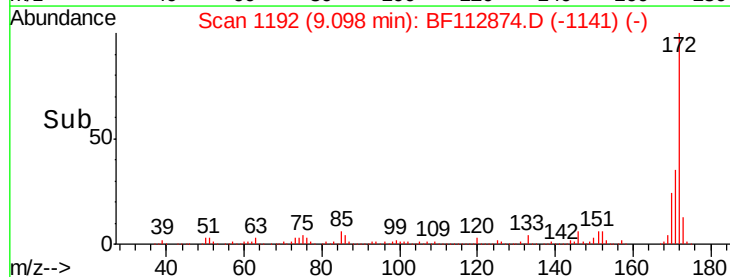


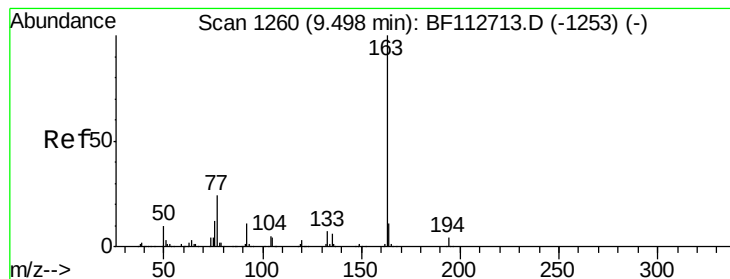
#45
 2-Fluorobiphenyl
 Concen: 62.530 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112874.D
 Acq: 6 Mar 2019 1:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	23.9	20.0	30.0



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: 4.297 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

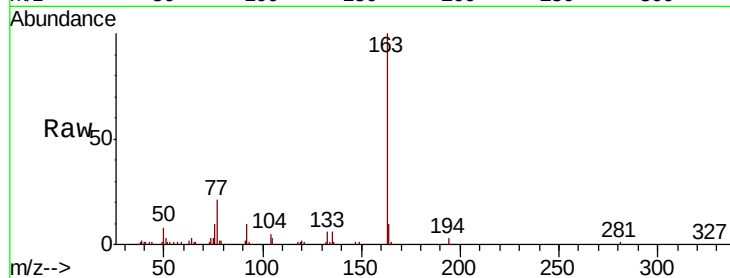
Tgt Ion:163 Resp: 87313

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

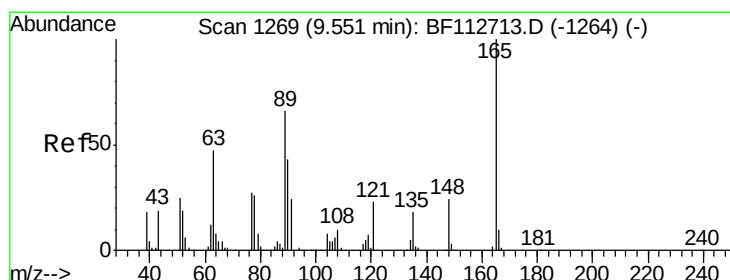
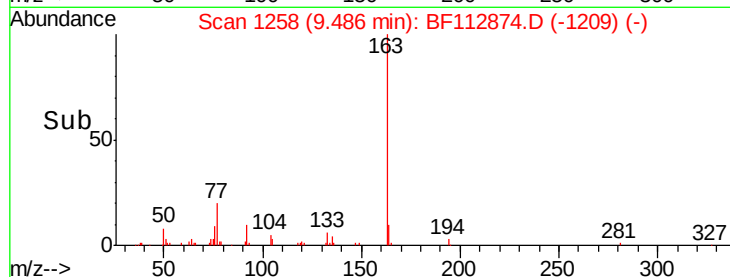
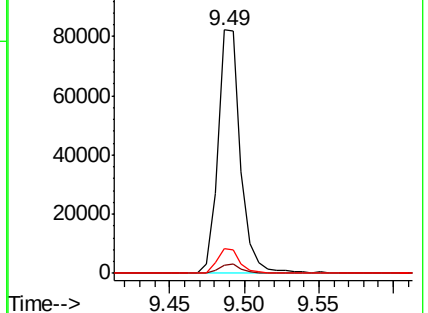
164 10.2 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 8.453 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.22 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

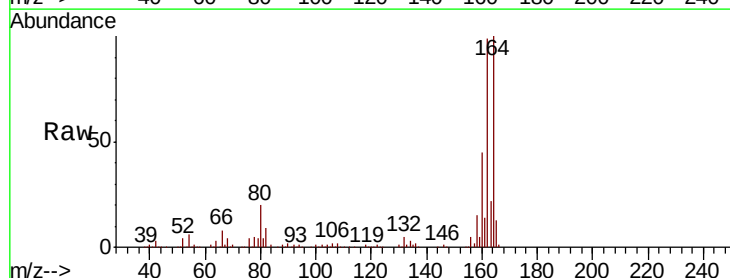
Tgt Ion:165 Resp: 35767

Ion Ratio Lower Upper

165 100

63 1.0 54.1 81.1#

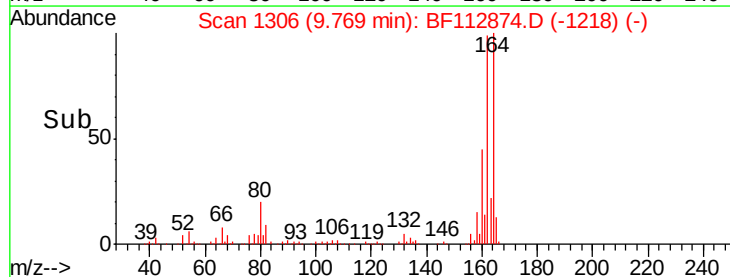
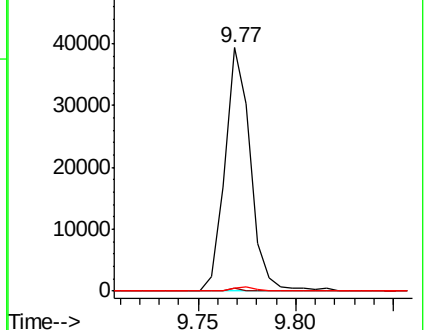
89 1.3 52.8 79.2#

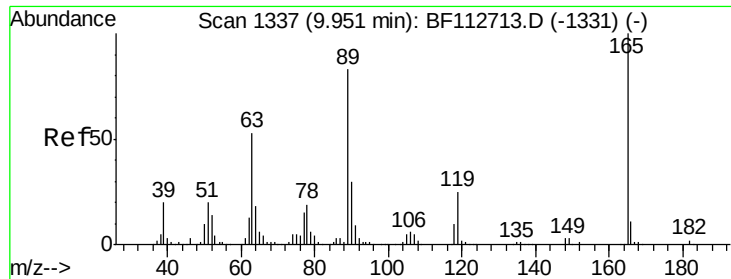


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

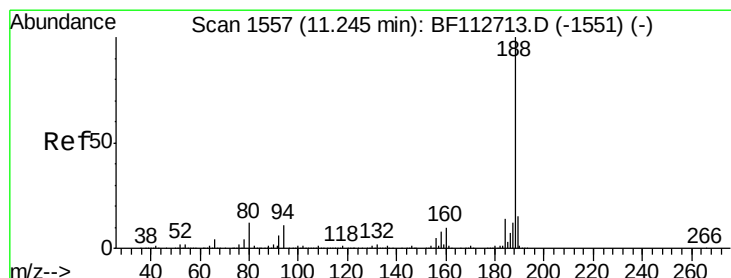
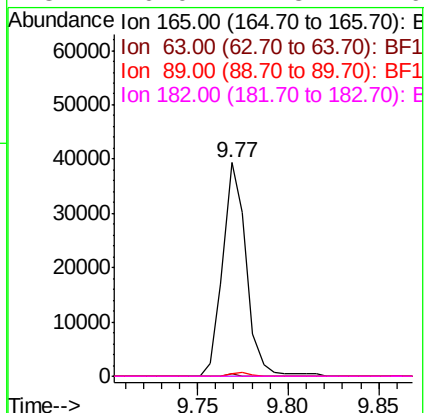
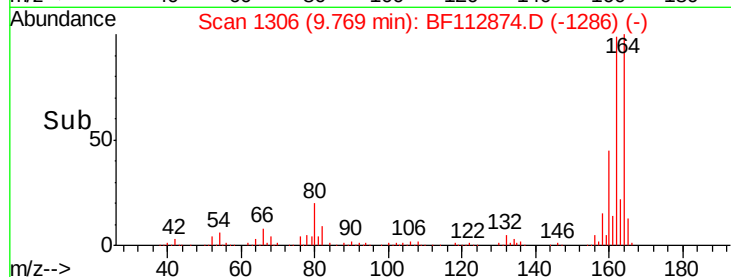
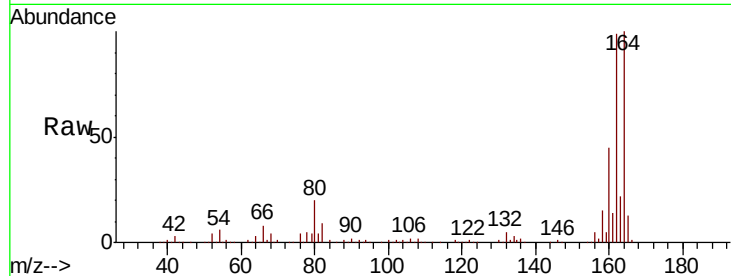




#57
2,4-Dinitrotoluene
Concen: 6.801 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

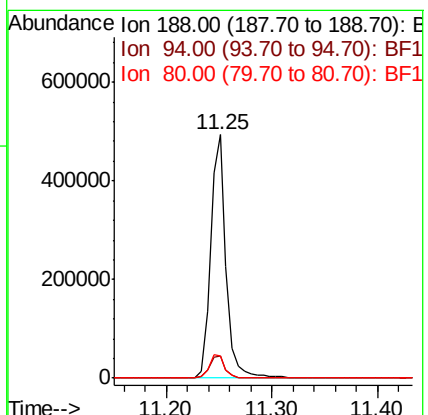
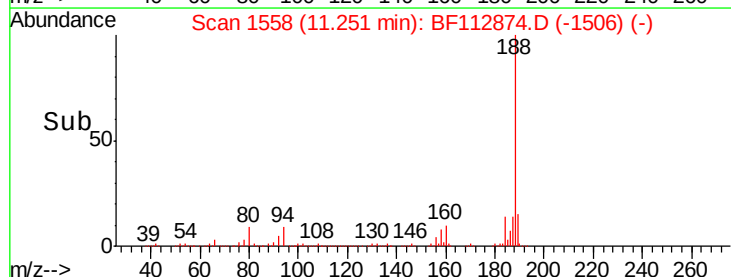
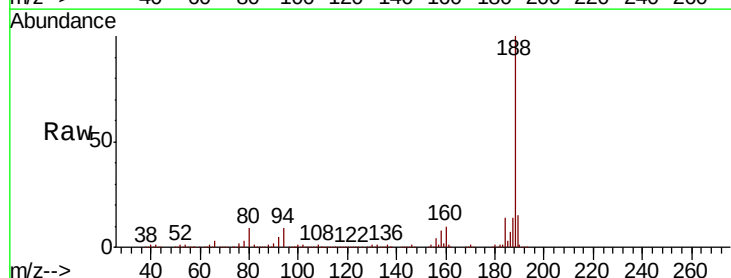
Instrument :
BNA_F
ClientSampleId :
DFTPP

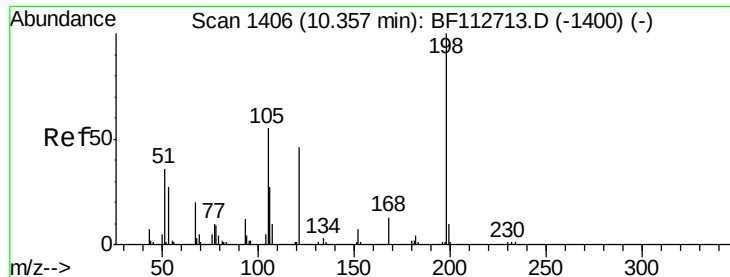
Tgt Ion:	165	Resp:	35767
Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Tgt Ion:	188	Resp:	502585
Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.3	9.2	13.8

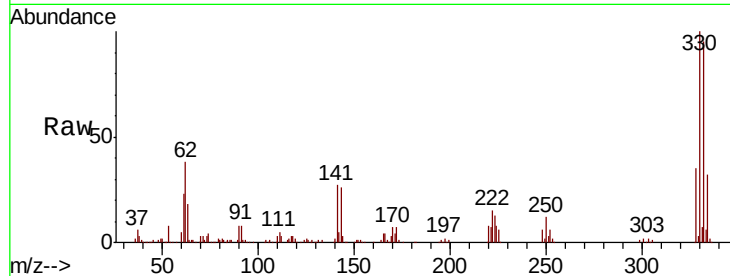




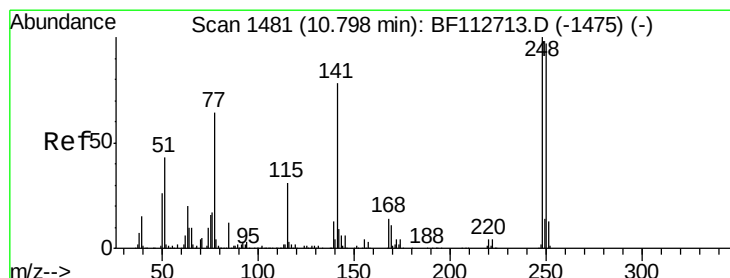
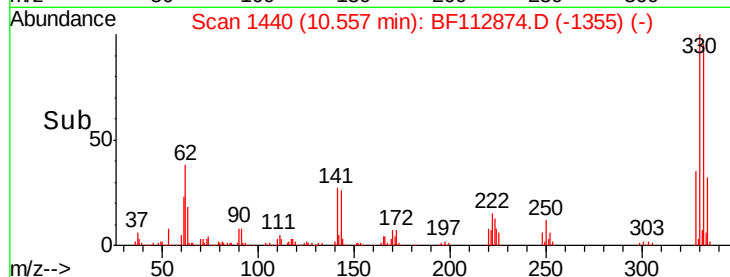
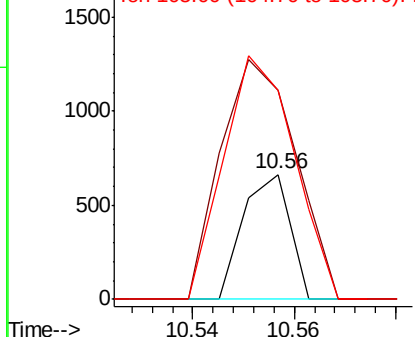
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.799 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.20 min
 Lab File: BF112874.D
 Acq: 6 Mar 2019 1:32

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:198 Resp: 425
 Ion Ratio Lower Upper
 198 100
 51 166.6 43.8 83.8#
 105 167.5 36.5 76.5#

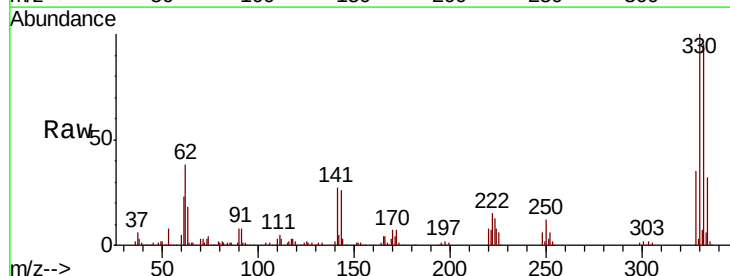


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

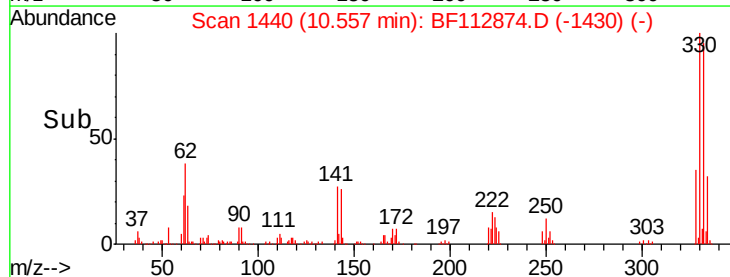
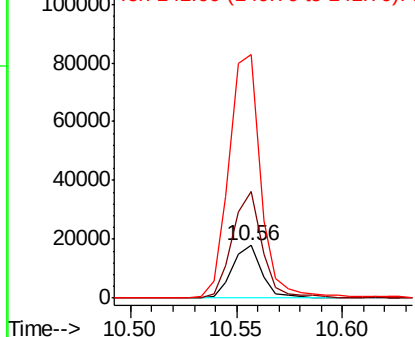


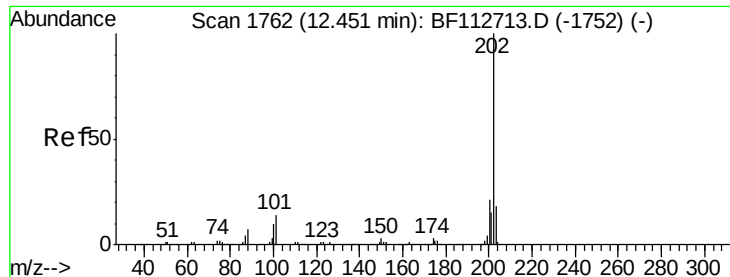
#67
 4-Bromophenyl-phenylether
 Concen: 3.285 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF112874.D
 Acq: 6 Mar 2019 1:32

Tgt Ion:248 Resp: 17391
 Ion Ratio Lower Upper
 248 100
 250 203.3 77.5 116.3#
 141 463.3 62.4 93.6#



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





#75

Fluoranthene

Concen: 5.081 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

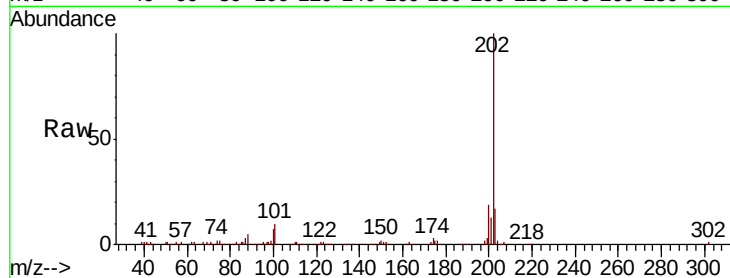
Instrument :

BNA_F

ClientSampleId :

DFTPP

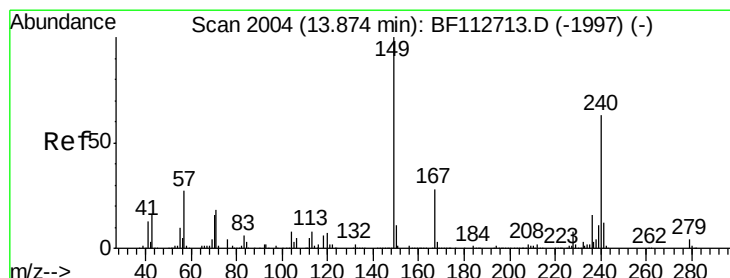
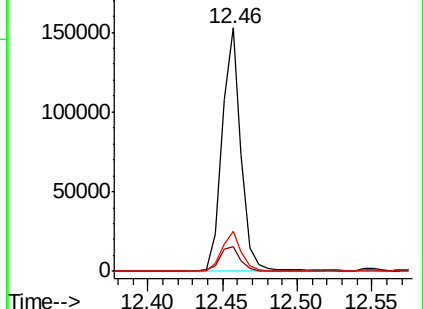
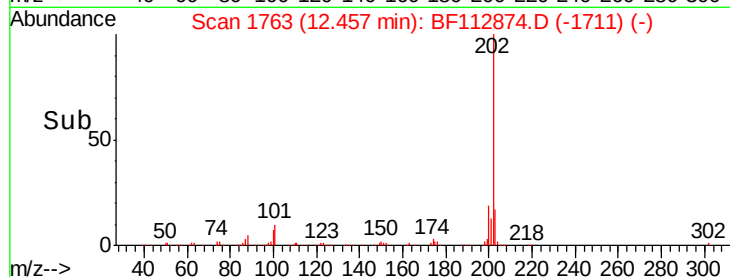
Tgt Ion:	202	Resp:	136129
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	33.8
203	16.7	0.0	38.4



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

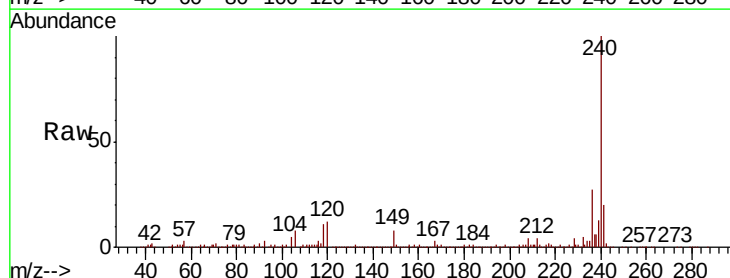
RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112874.D

Acq: 6 Mar 2019 1:32

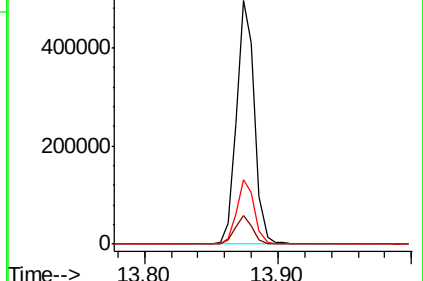
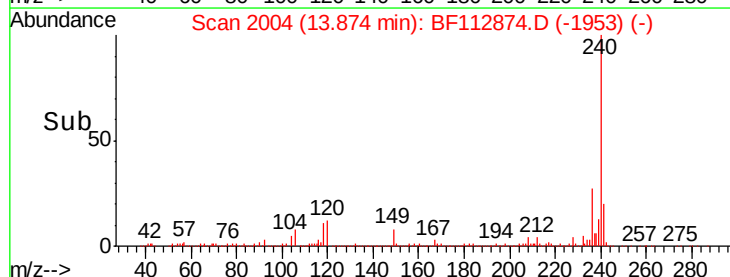
Tgt Ion:	240	Resp:	465058
Ion Ratio	Lower	Upper	
240	100		
120	12.0	8.9	13.3
236	26.7	20.7	31.1

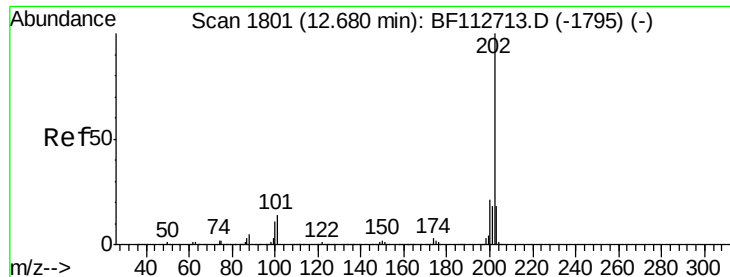


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

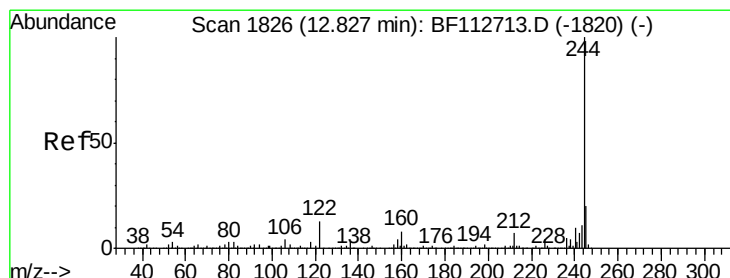
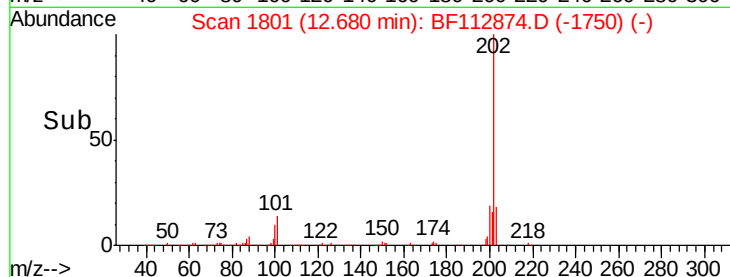
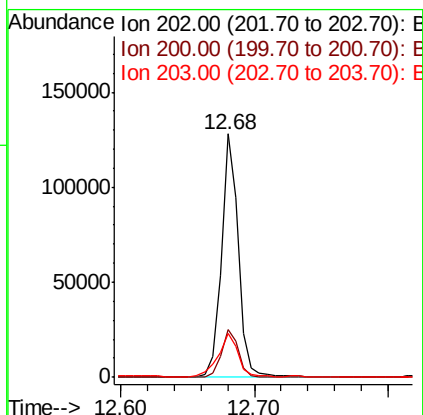
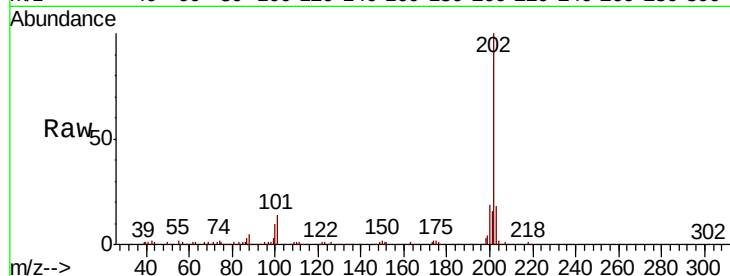




#78
 Pyrene
 Concen: 2.931 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BF112874.D
 Acq: 6 Mar 2019 1:32

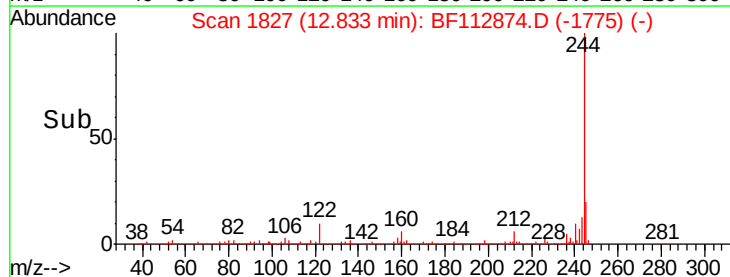
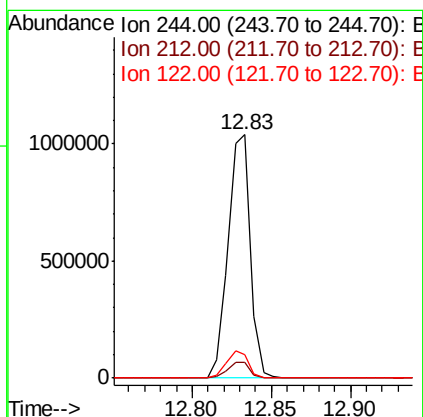
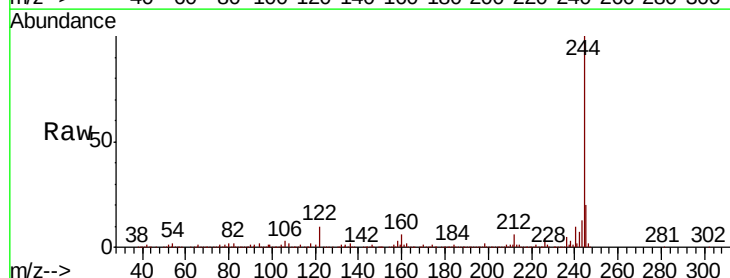
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

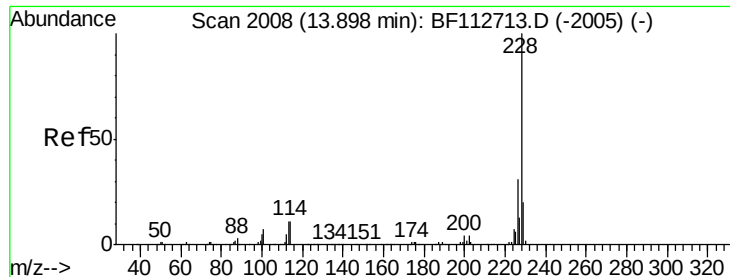
Tgt Ion:202 Resp: 114917
 Ion Ratio Lower Upper
 202 100
 200 19.4 17.0 25.4
 203 17.9 14.4 21.6



#79
 Terphenyl-d14
 Concen: 42.251 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112874.D
 Acq: 6 Mar 2019 1:32

Tgt Ion:244 Resp: 1013626
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.6 10.5 15.7#

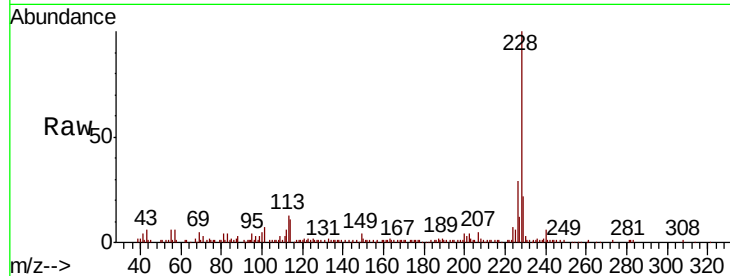




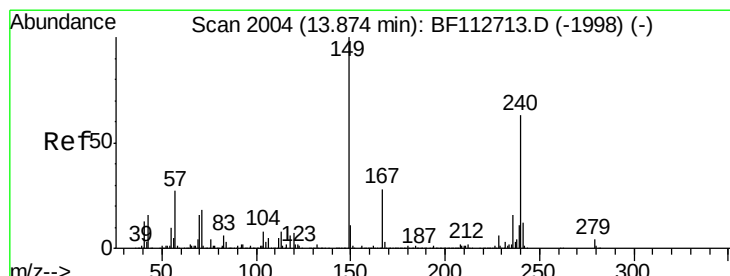
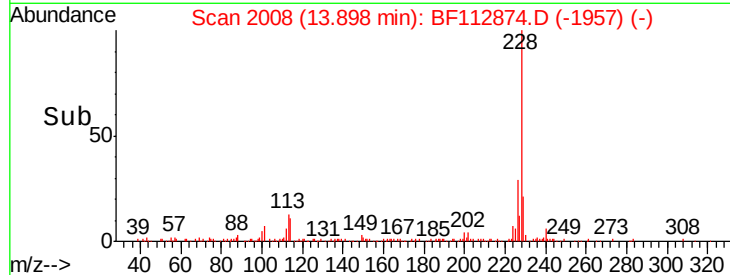
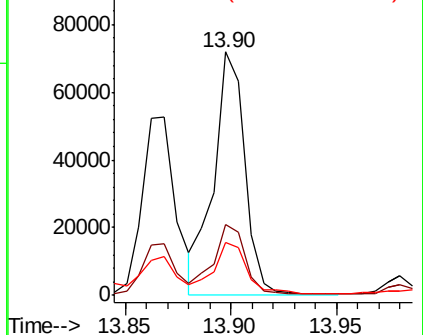
#83
 Chrysene
 Concen: 2.360 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF112874.D
 Acq: 6 Mar 2019 1:32

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion: 228 Resp: 74494
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.9 37.3
 229 21.6 16.3 24.5

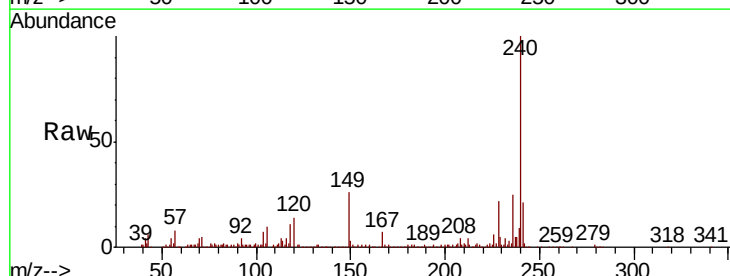


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

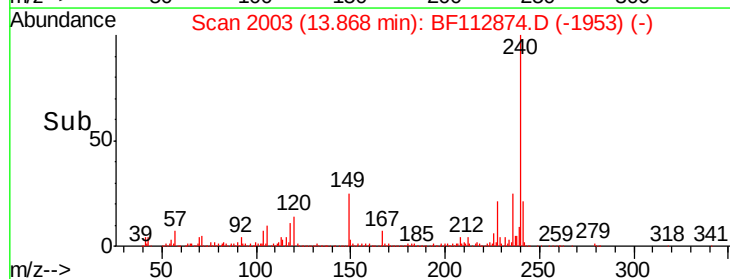
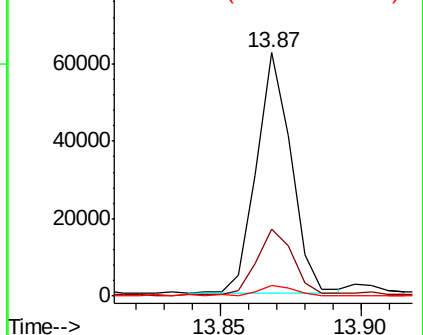


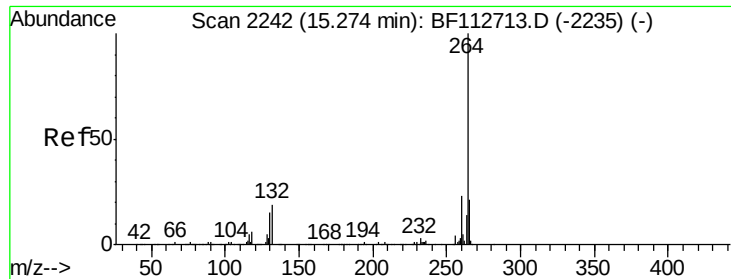
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.614 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF112874.D
 Acq: 6 Mar 2019 1:32

Tgt Ion: 149 Resp: 53056
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.4 33.6
 279 4.5 3.3 4.9



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



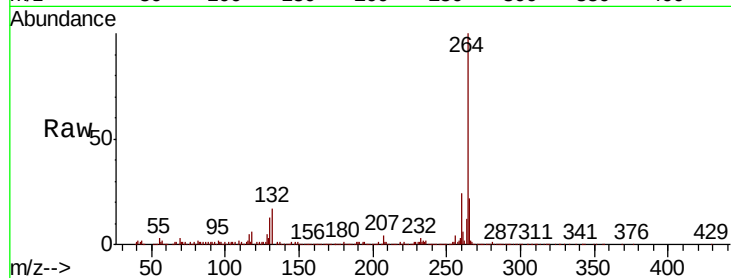


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 346466

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	17.2	25.8

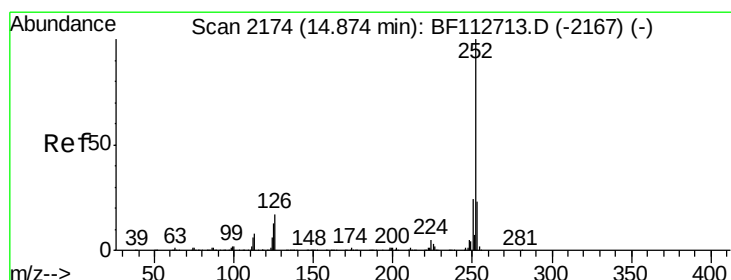
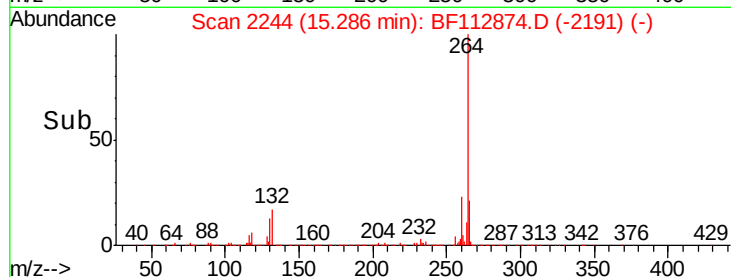
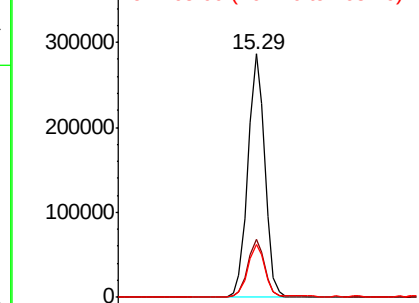


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

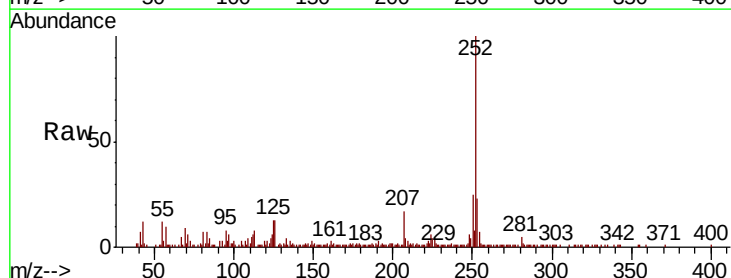
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 4.589 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Tgt Ion: 252 Resp: 102838

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.0	10.2	15.2

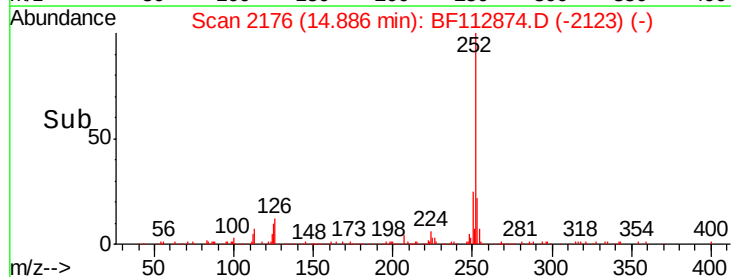
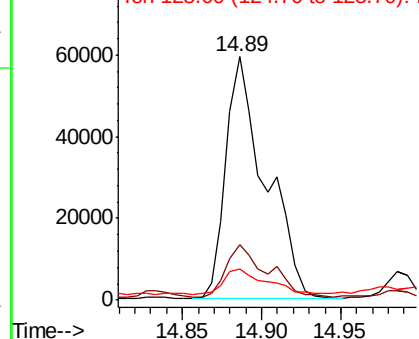


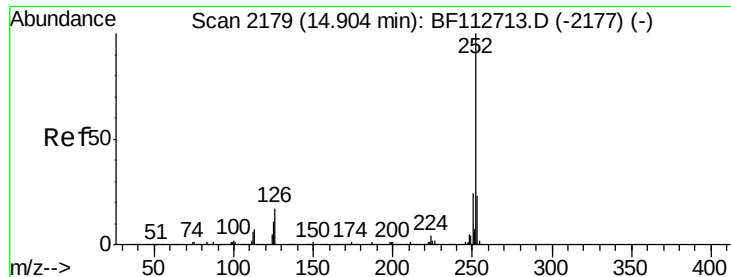
Abundance

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

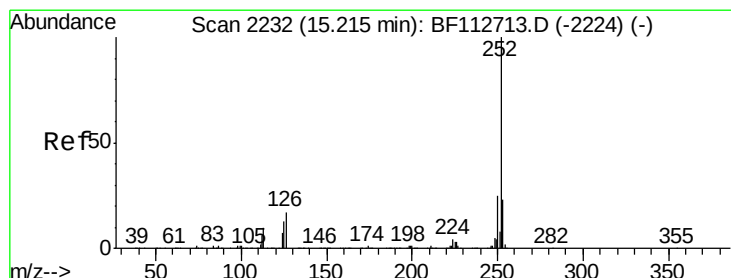
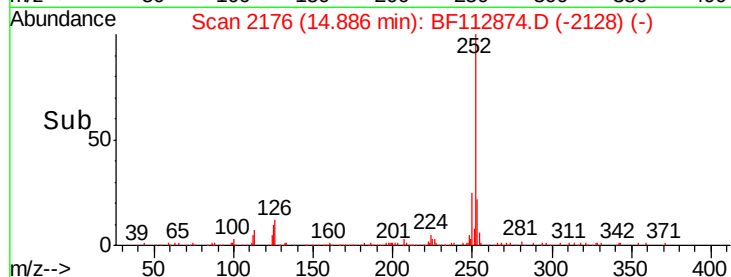
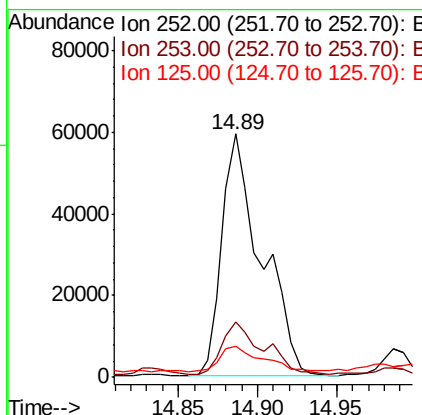
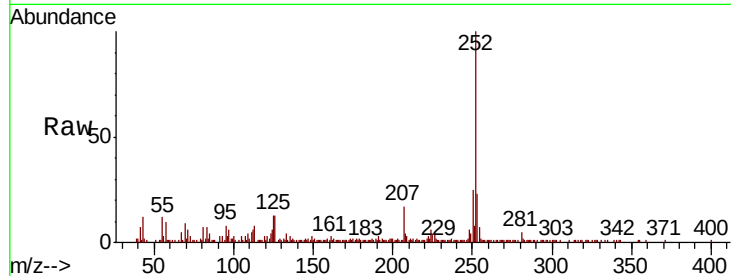




#89
Benzo(k)fluoranthene
Concen: 5.066 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	13.0	9.8	14.6



#90
Benzo(a)pyrene
Concen: 2.197 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF112874.D
Acq: 6 Mar 2019 1:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	13.2	10.7	16.1

