

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113453.D
 Acq On : 30 Mar 2019 11:07
 Operator : JU/SJ
 Sample : K2153-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-6

Quant Time: Apr 01 04:13:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	127676	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	479745	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	230660	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	431377	20.00	ng	0.00
76) Chrysene-d12	13.84	240	417774	20.00	ng	0.00
87) Perylene-d12	15.24	264	315458	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	496422	63.58	ng	0.00
7) Phenol-d6	6.35	99	901104	91.22	ng	0.00
23) Nitrobenzene-d5	7.27	82	563560	69.72	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	120363	42.24	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1125308	74.23	ng	0.00
79) Terphenyl-d14	12.79	244	1217122	64.22	ng	0.00

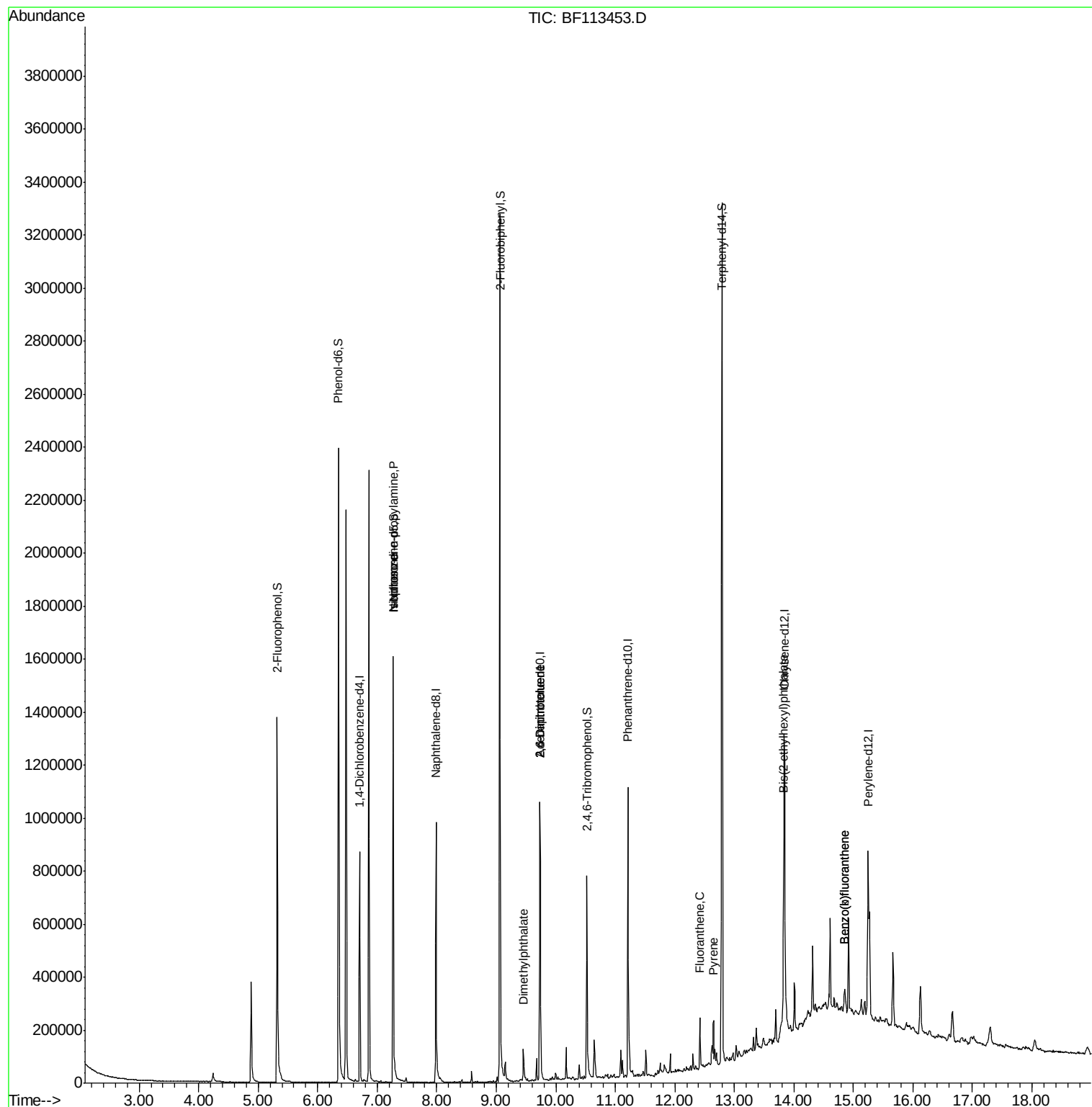
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	70894	11.426	ng	# 76
25) Isophorone	7.27	82	563556	35.978	ng	# 64
50) Dimethylphthalate	9.46	163	58211	3.405	ng	100
51) 2,6-Dinitrotoluene	9.73	165	29107	7.548	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	29107	5.935	ng	# 23
75) Fluoranthene	12.42	202	79526	3.284	ng	98
78) Pyrene	12.65	202	77719	2.685	ng	97
84) Bis(2-ethylhexyl)phthalate	13.83	149	103995	6.649	ng	# 99
88) Benzo(b)fluoranthene	14.85	252	54991	2.806	ng	# 89
89) Benzo(k)fluoranthene	14.85	252	54991	3.195	ng	# 88

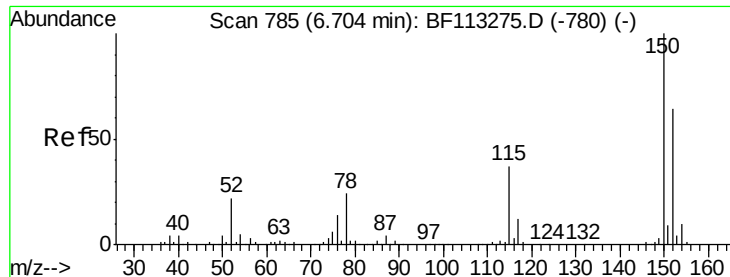
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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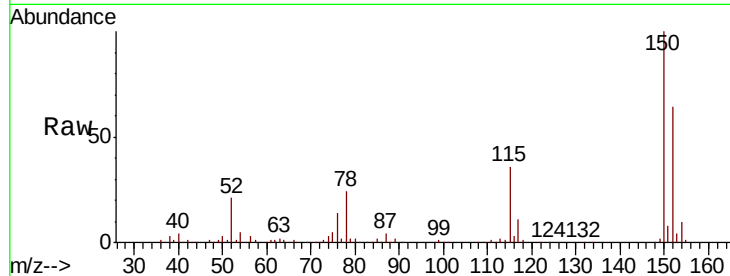


#1

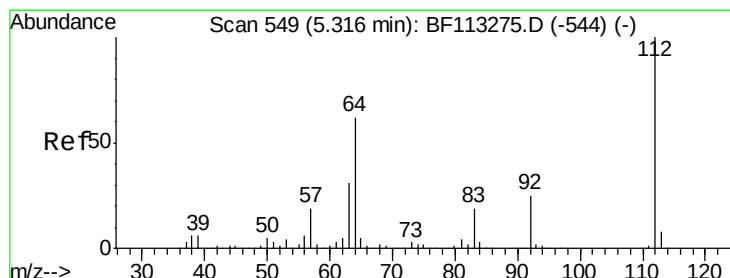
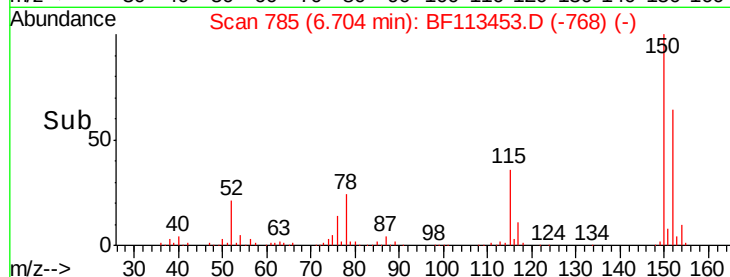
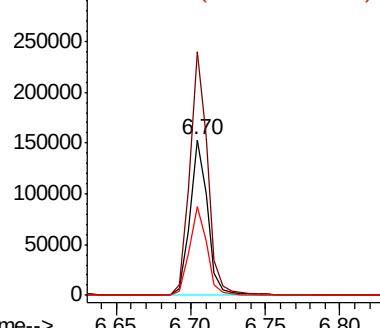
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113453.D
Acq: 30 Mar 2019 11:07

Instrument :
BNA_F
ClientSampleId :
CONC-6

Tgt Ion:152 Resp: 127676
Ion Ratio Lower Upper
152 100
150 156.4 124.7 187.1
115 56.9 46.0 69.0



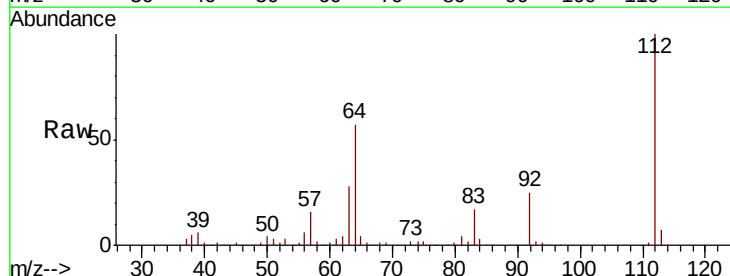
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



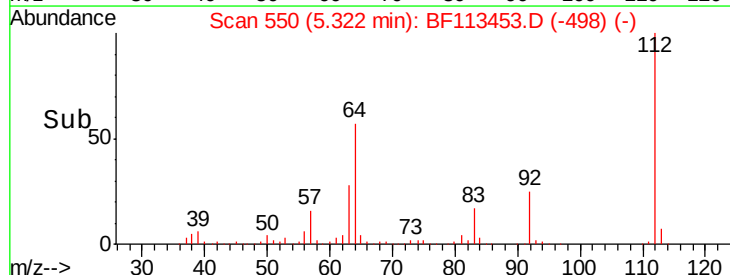
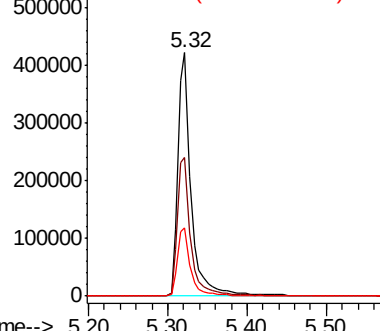
#5

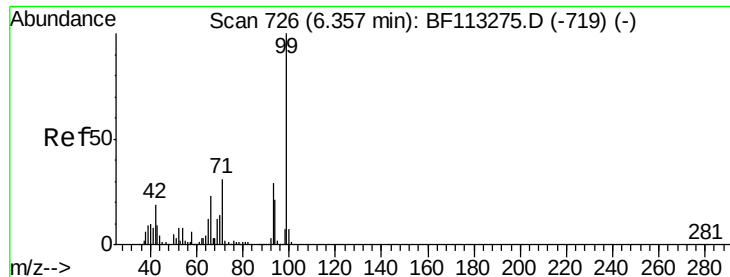
2-Fluorophenol
Concen: 63.576 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113453.D
Acq: 30 Mar 2019 11:07

Tgt Ion:112 Resp: 496422
Ion Ratio Lower Upper
112 100
64 56.8 49.2 73.8
63 27.9 24.9 37.3



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: 91.223 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

Instrument :

BNA_F

ClientSampleId :

CONC-6

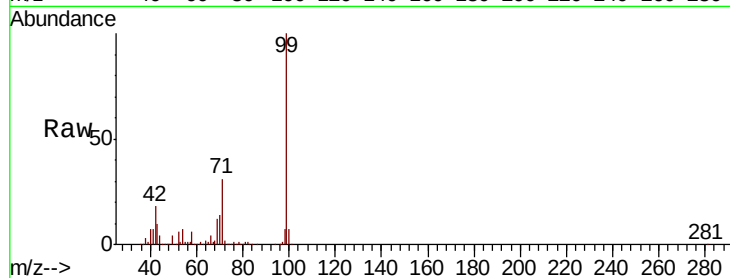
Tgt Ion: 99 Resp: 901104

Ion Ratio Lower Upper

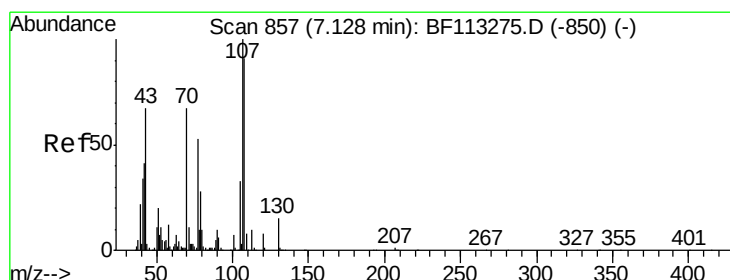
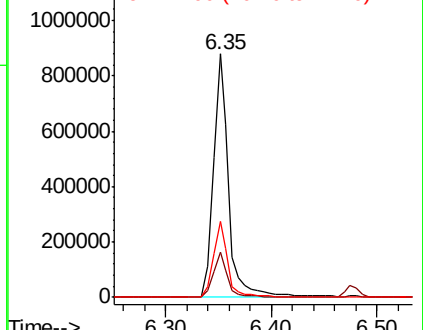
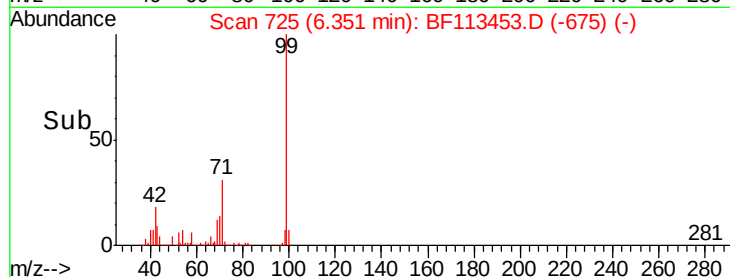
99 100

42 18.4 14.8 22.2

71 31.3 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.426 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

Tgt Ion: 70 Resp: 70894

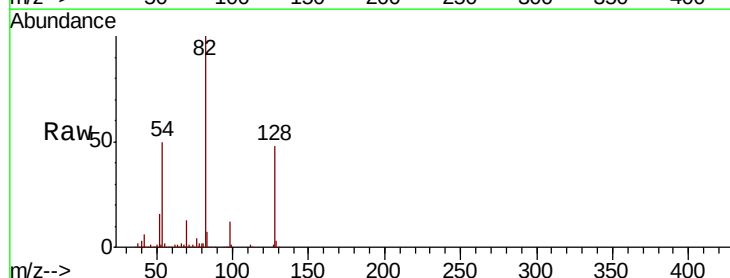
Ion Ratio Lower Upper

70 100

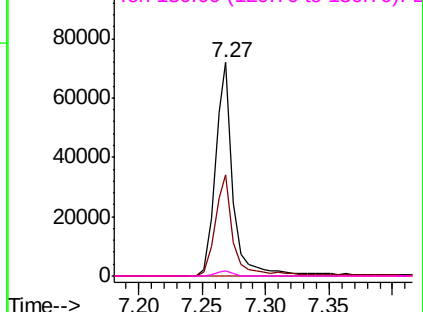
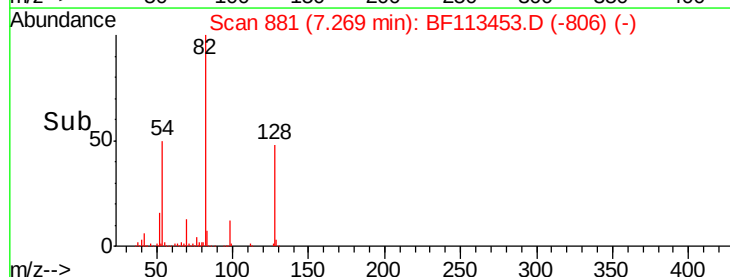
42 47.2 48.4 72.6#

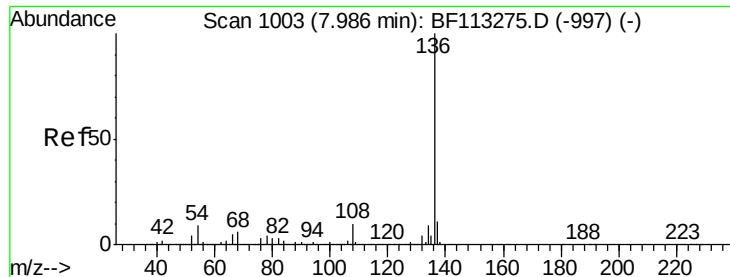
101 0.0 7.8 11.8#

130 2.4 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

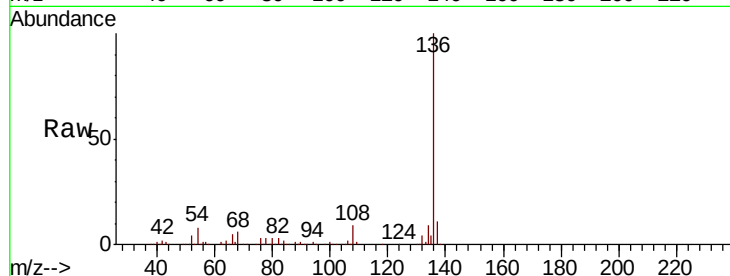




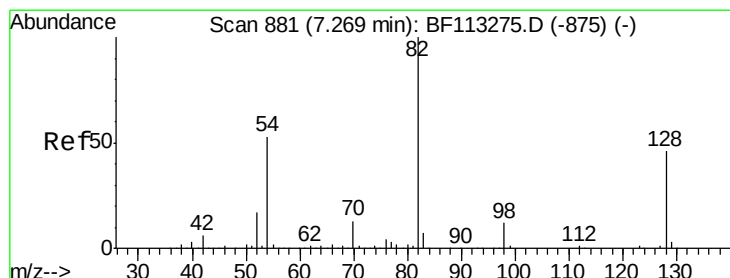
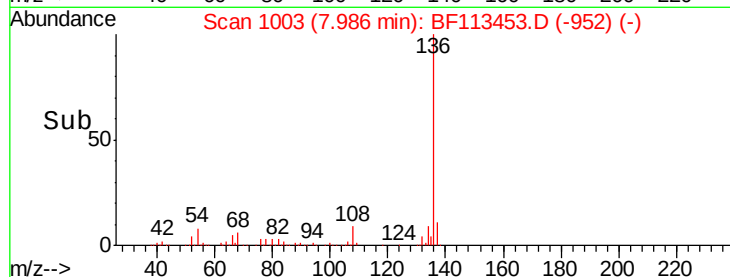
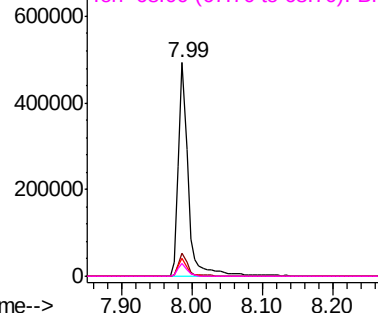
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113453.D
Acq: 30 Mar 2019 11:07

Instrument :
BNA_F
ClientSampleId :
CONC-6

Tgt Ion:	136	Resp:	479745
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	7.0	10.6
68	6.3	4.8	7.2

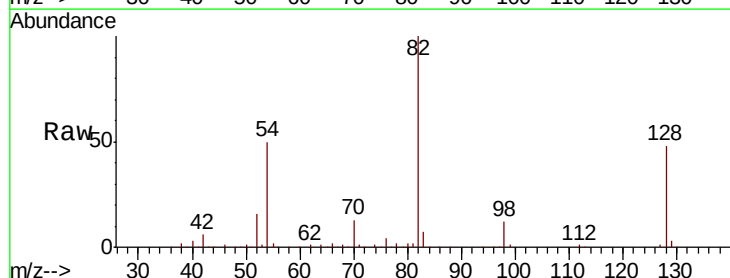


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

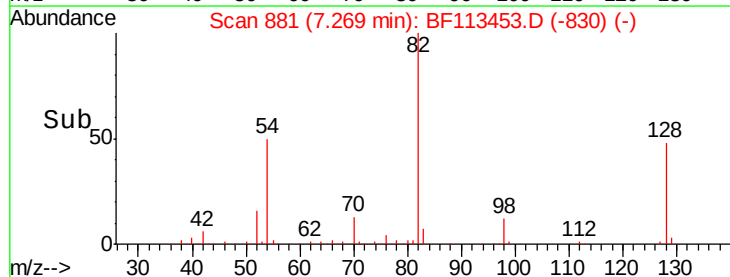
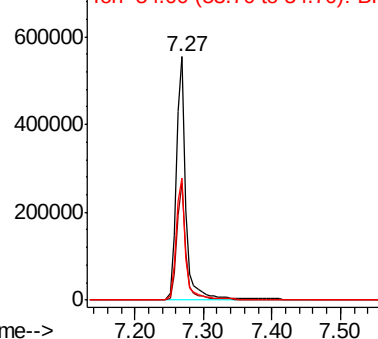


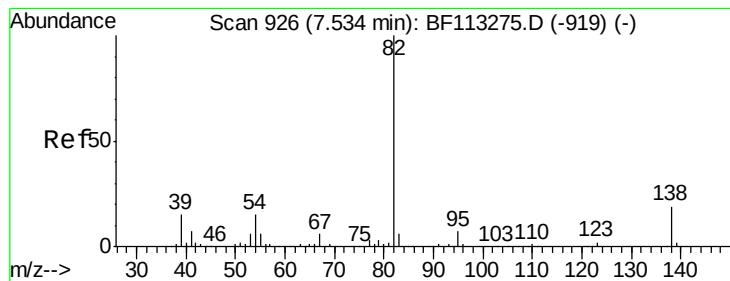
#23
Nitrobenzene-d5
Concen: 69.724 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113453.D
Acq: 30 Mar 2019 11:07

Tgt Ion:	82	Resp:	563560
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.5	54.7
54	50.3	42.2	63.2



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: 35.978 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

Instrument :

BNA_F

ClientSampleId :

CONC-6

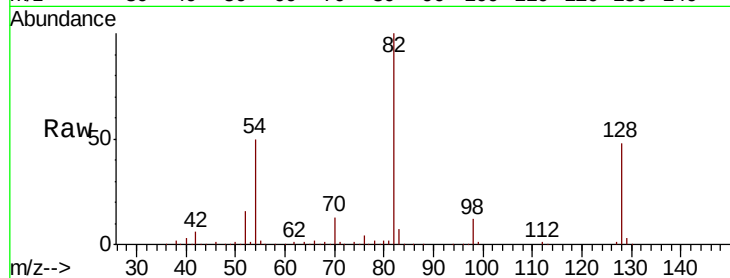
Tgt Ion: 82 Resp: 563556

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

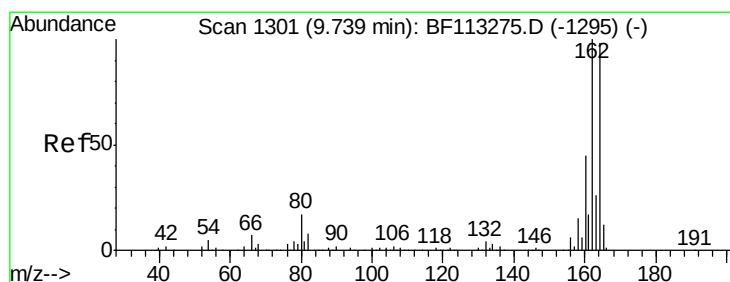
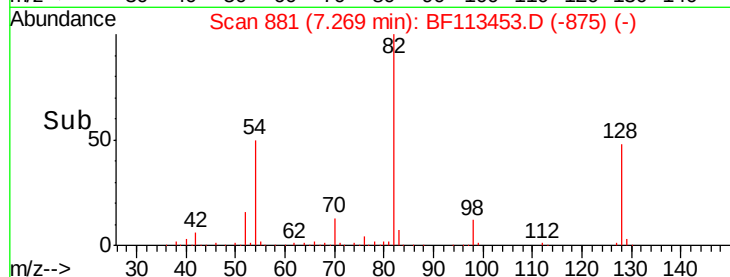
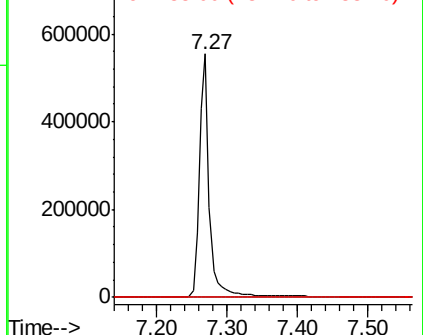
138 0.0 15.2 22.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

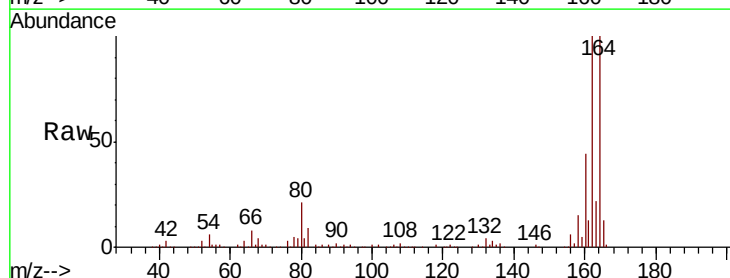
Tgt Ion: 164 Resp: 230660

Ion Ratio Lower Upper

164 100

162 100.1 81.8 122.6

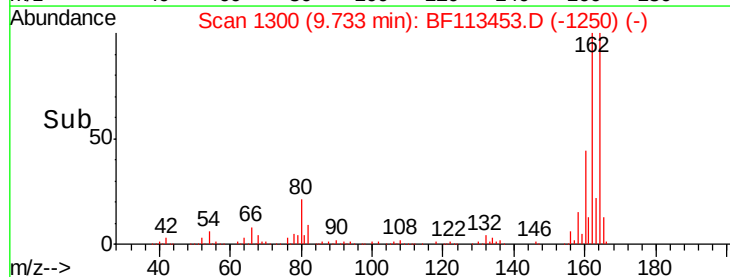
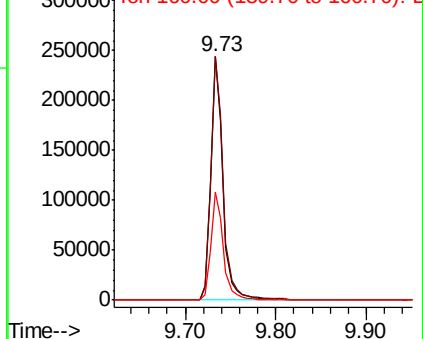
160 44.3 36.4 54.6

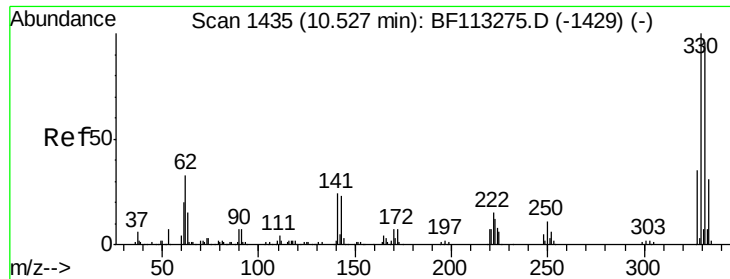


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

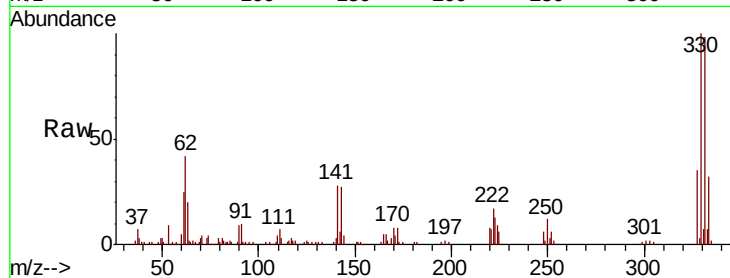




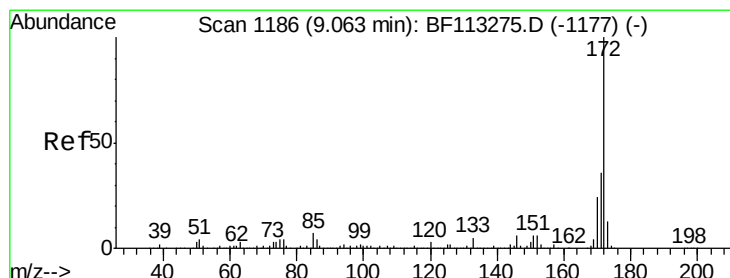
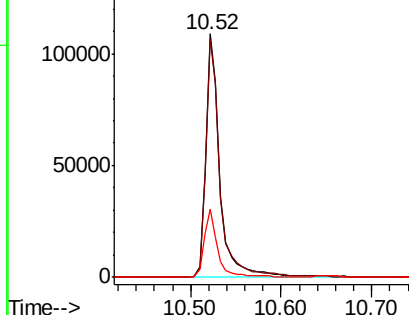
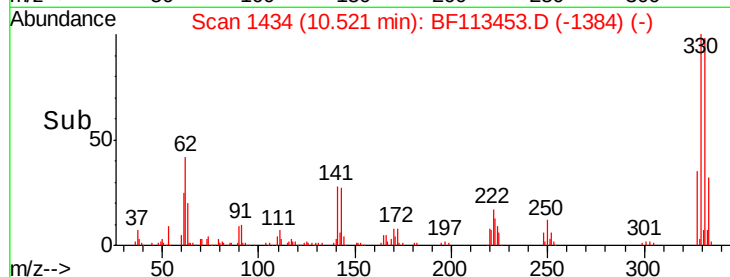
#42
 2,4,6-Tribromophenol
 Concen: 42.245 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113453.D
 Acq: 30 Mar 2019 11:07

Instrument :
 BNA_F
 ClientSampled :
 CONC-6

Tgt Ion:330 Resp: 120363
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.8 116.6
 141 26.8 22.7 34.1

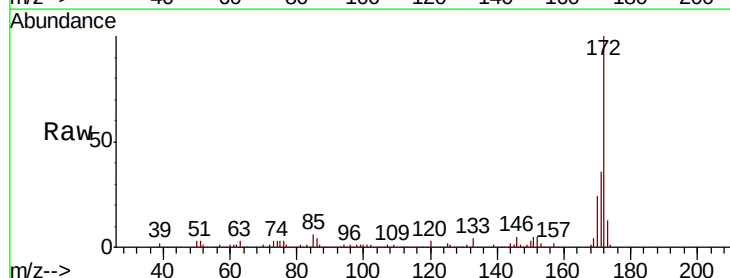


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

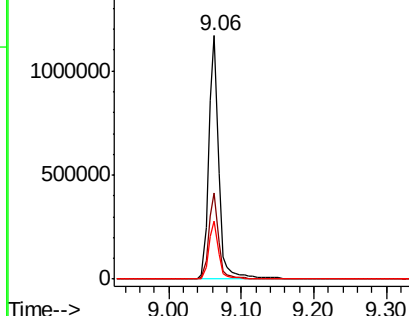
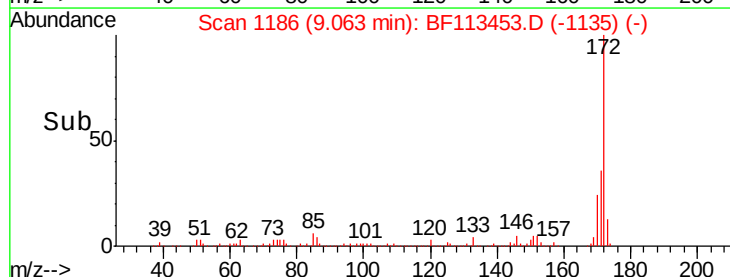


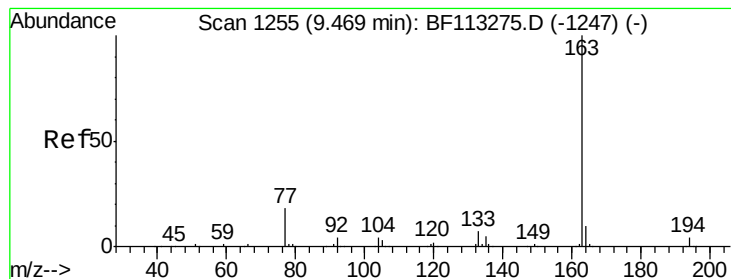
#45
 2-Fluorobiphenyl
 Concen: 74.231 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113453.D
 Acq: 30 Mar 2019 11:07

Tgt Ion:172 Resp: 1125308
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.0 19.5 29.3



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: 3.405 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

Instrument :

BNA_F

ClientSampleId :

CONC-6

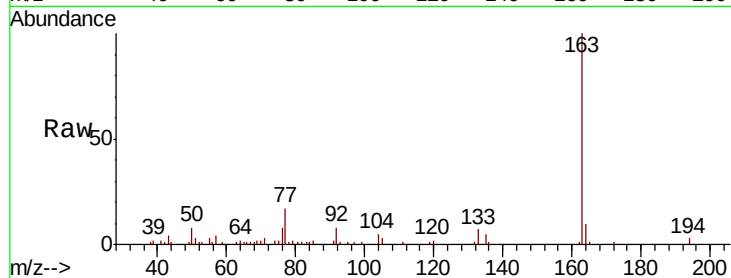
Tgt Ion:163 Resp: 58211

Ion Ratio Lower Upper

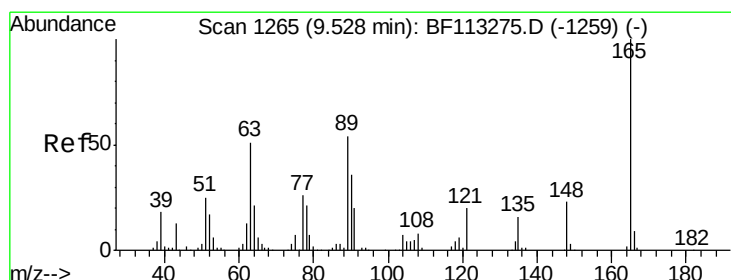
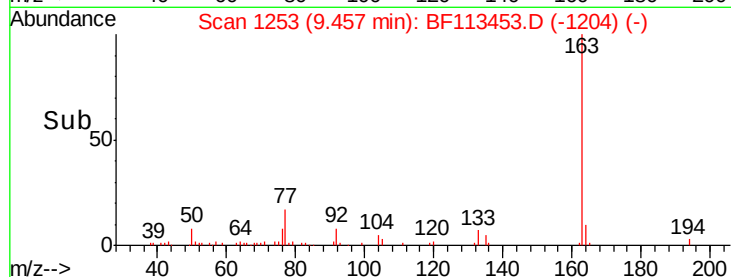
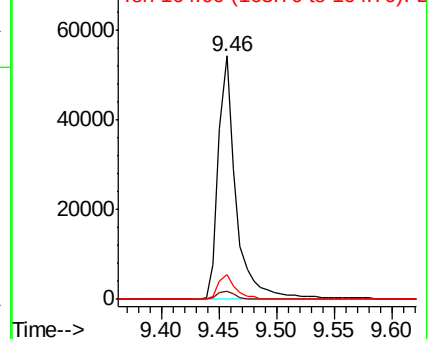
163 100

194 3.5 3.0 4.6

164 10.2 8.1 12.1



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: 7.548 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

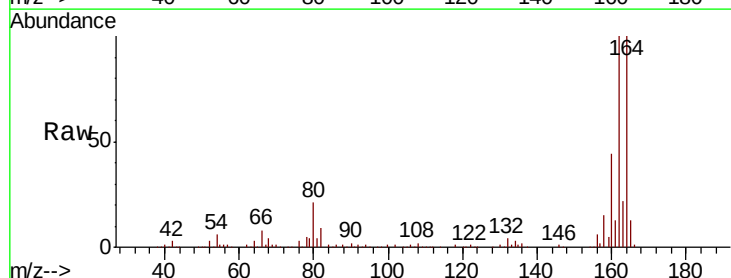
Tgt Ion:165 Resp: 29107

Ion Ratio Lower Upper

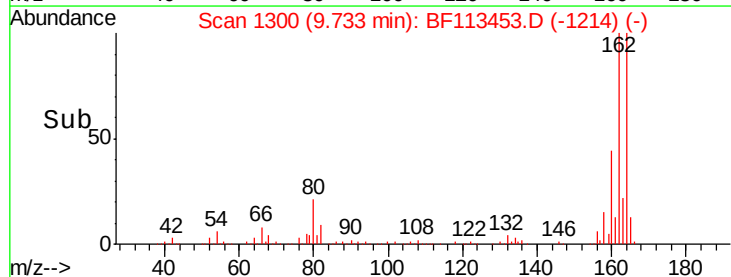
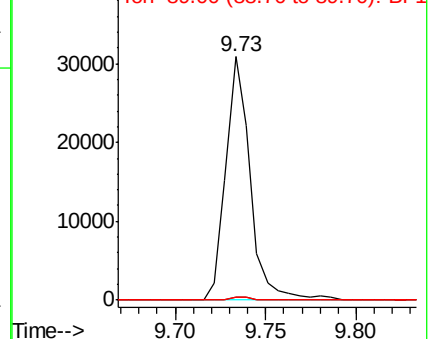
165 100

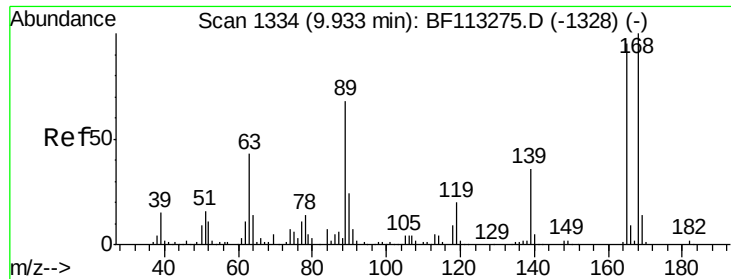
63 1.0 43.4 65.0#

89 1.3 43.1 64.7#



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

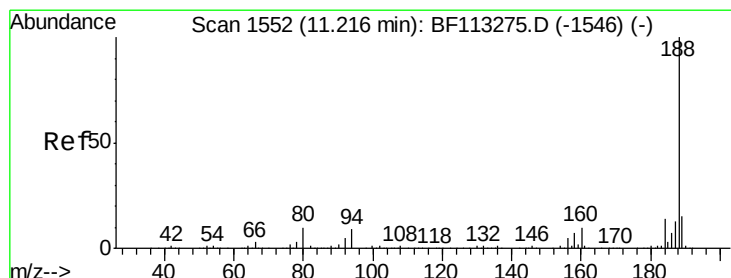
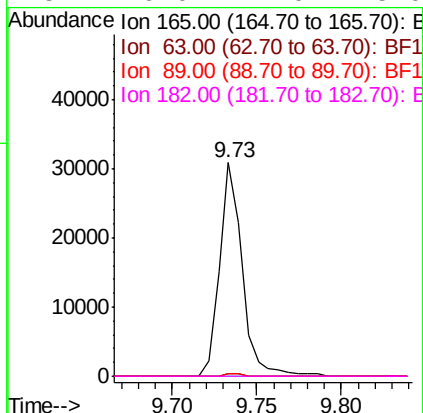
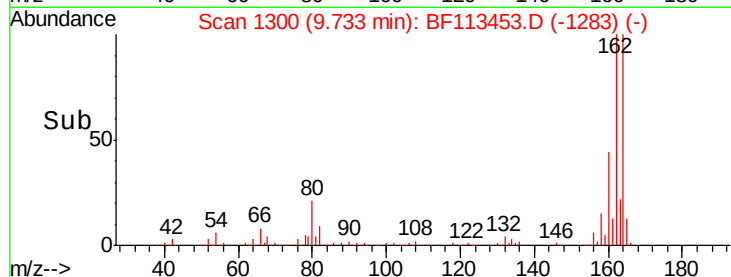
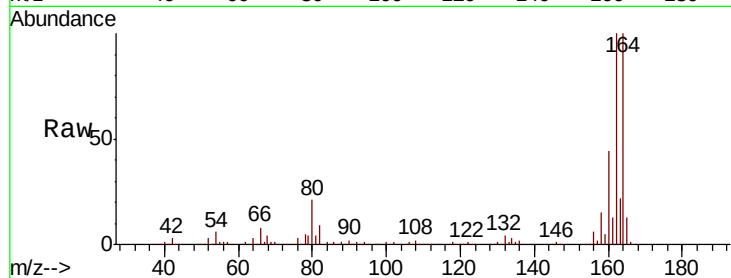




#57
 2,4-Dinitrotoluene
 Concen: 5.935 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113453.D
 Acq: 30 Mar 2019 11:07

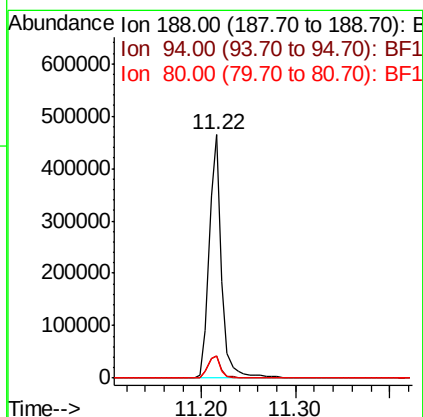
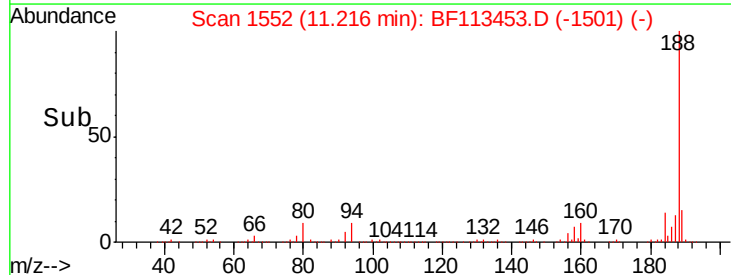
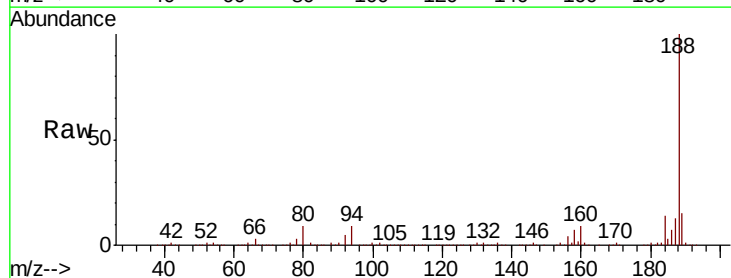
Instrument :
 BNA_F
 ClientSampleId :
 CONC-6

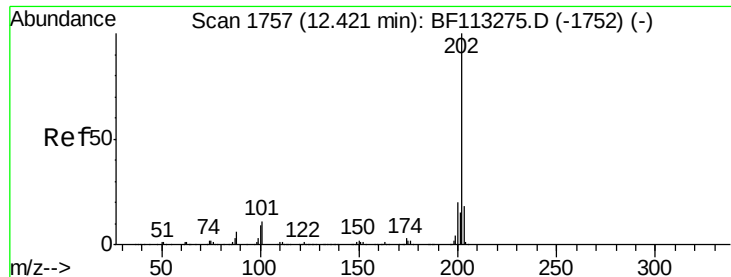
Tgt Ion:165 Resp: 29107
 Ion Ratio Lower Upper
 165 100
 63 1.0 37.5 56.3#
 89 1.3 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF113453.D
 Acq: 30 Mar 2019 11:07

Tgt Ion:188 Resp: 431377
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.0 10.6
 80 8.9 7.7 11.5





#75

Fluoranthene

Concen: 3.284 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

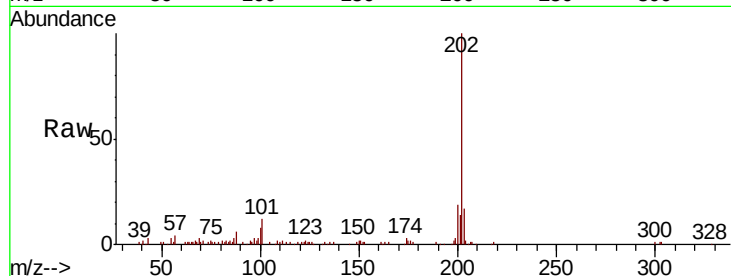
Instrument :

BNA_F

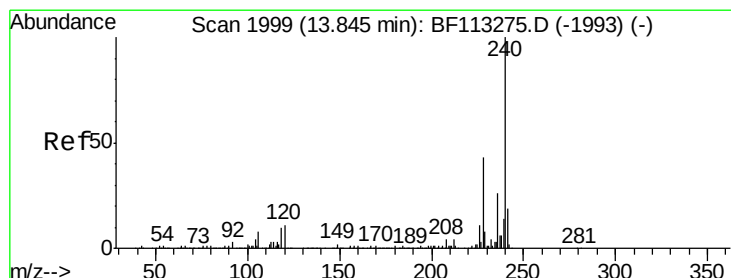
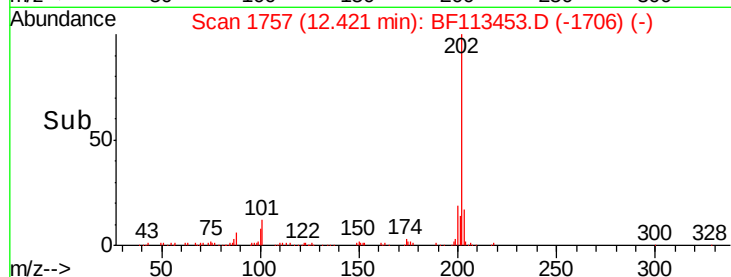
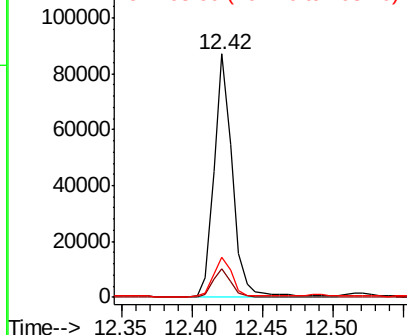
ClientSampleId :

CONC-6

Tgt Ion:	202	Resp:	79526
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	16.7	0.0	38.0



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

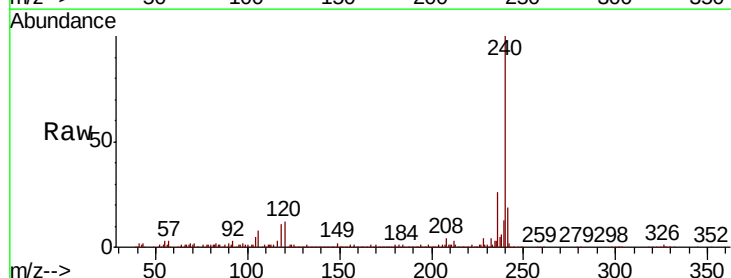
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

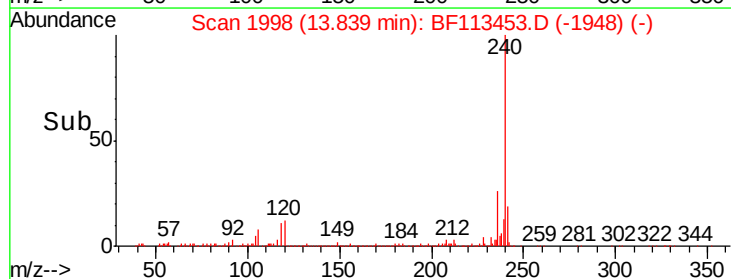
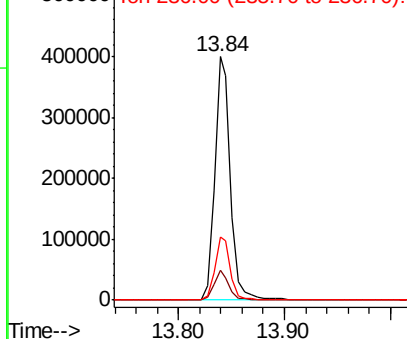
Lab File: BF113453.D

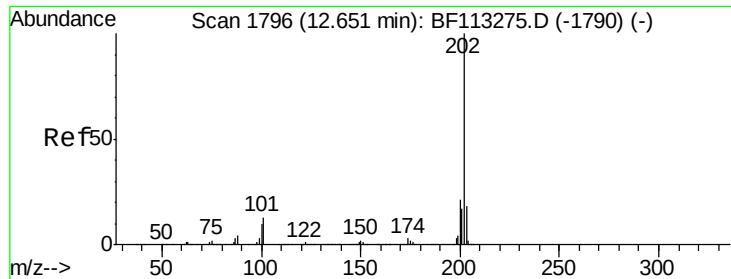
Acq: 30 Mar 2019 11:07

Tgt Ion:	240	Resp:	417774
Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.8	13.2
236	25.7	20.9	31.3



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: 2.685 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

Instrument :

BNA_F

ClientSampled :

CONC-6

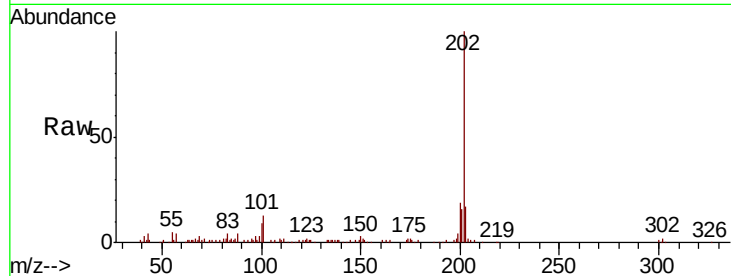
Tgt Ion:202 Resp: 77719

Ion Ratio Lower Upper

202 100

200 19.2 16.8 25.2

203 17.0 14.4 21.6

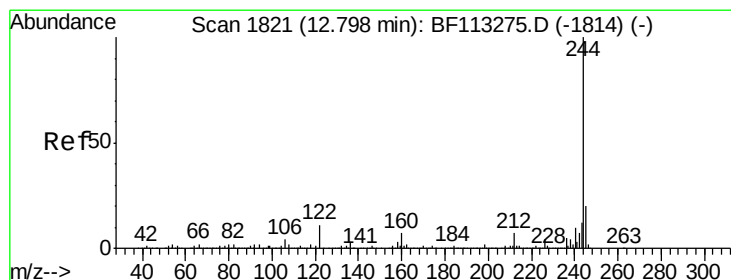
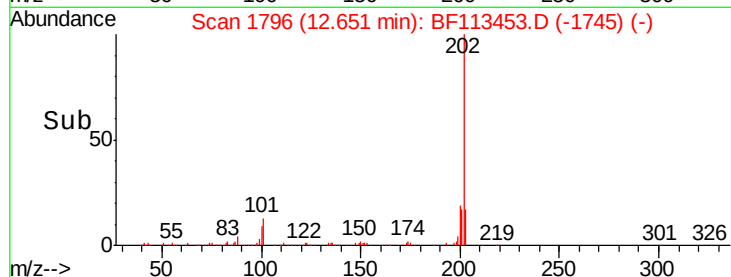
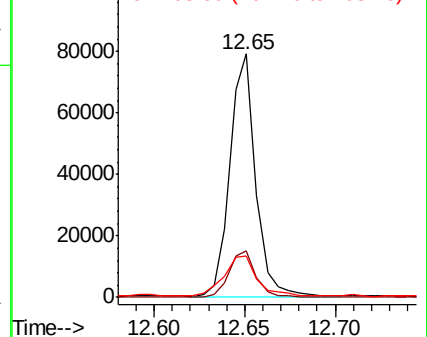


Abundance

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: 64.215 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

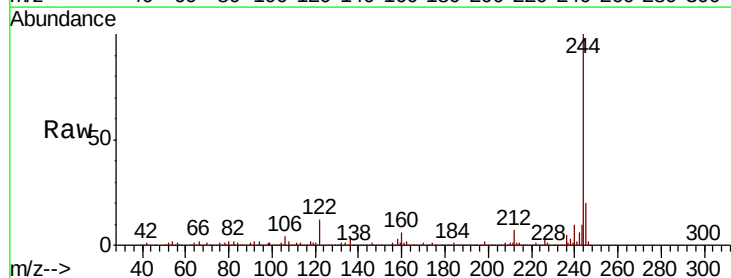
Tgt Ion:244 Resp: 1217122

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

122 11.7 8.6 13.0

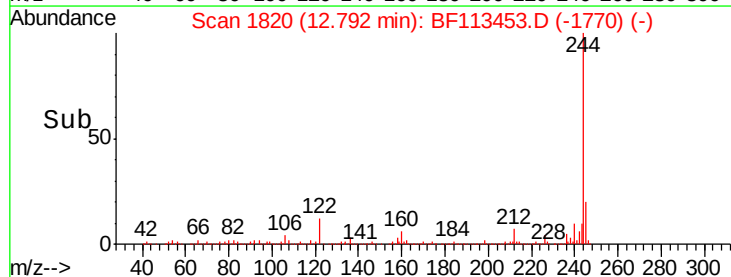
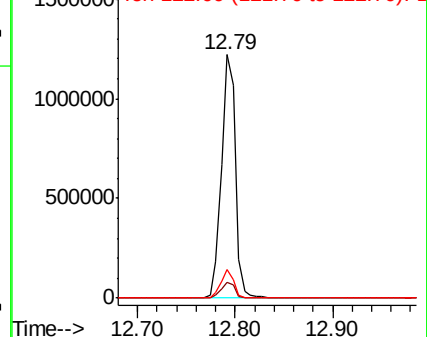


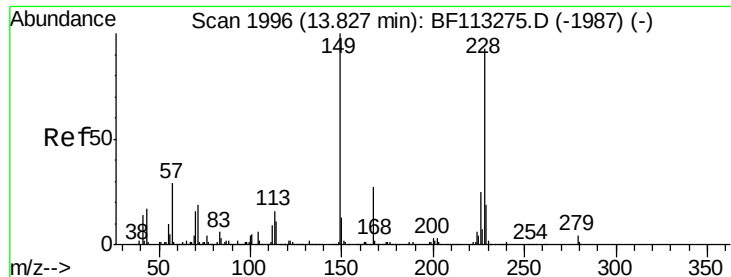
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.649 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

Instrument :

BNA_F

ClientSampleId :

CONC-6

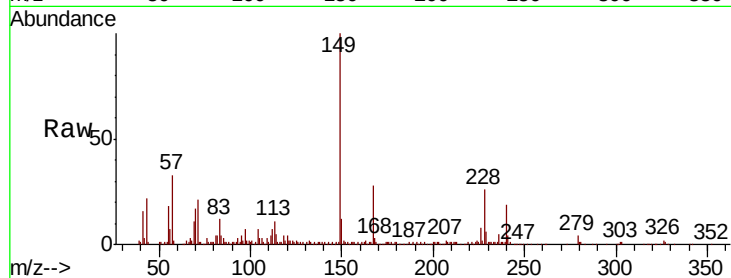
Tgt Ion:149 Resp: 103995

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

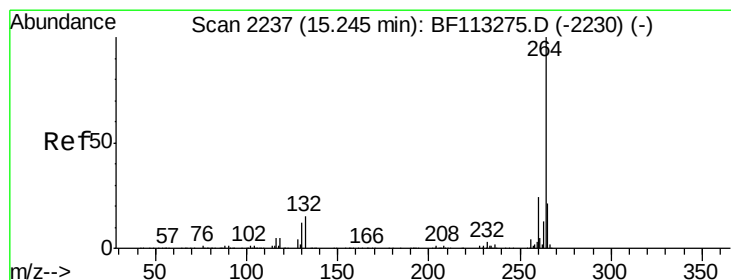
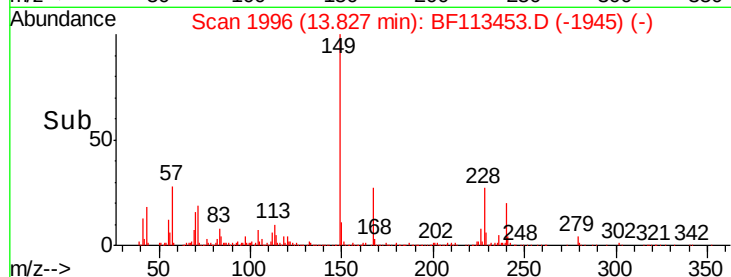
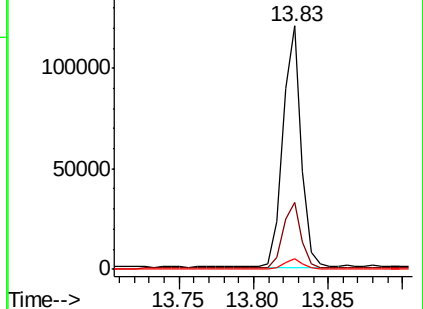
279 4.3 2.9 4.3#



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: 15.24 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BF113453.D

Acq: 30 Mar 2019 11:07

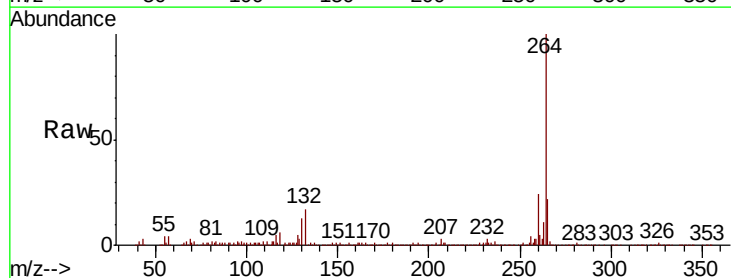
Tgt Ion:264 Resp: 315458

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

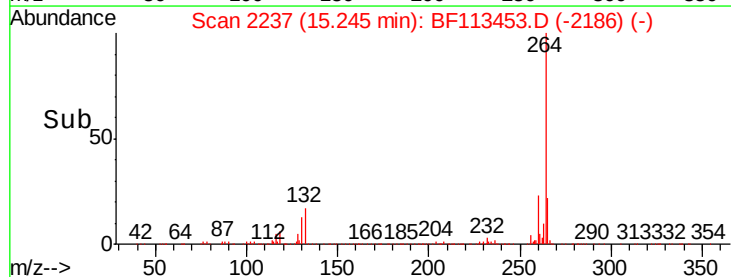
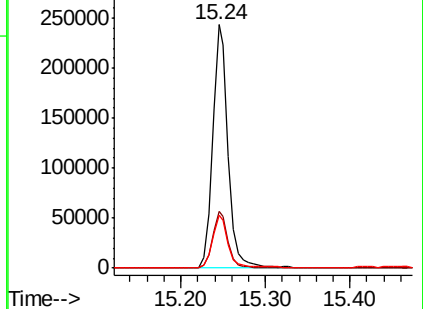
265 21.8 17.1 25.7

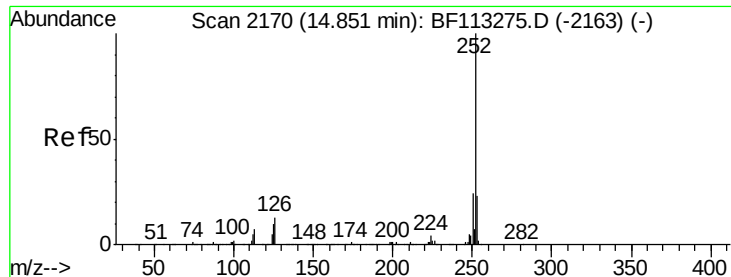


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

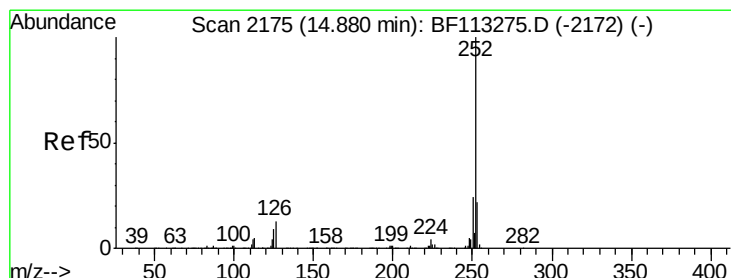
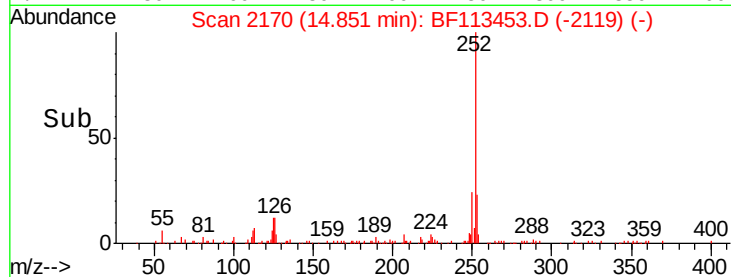
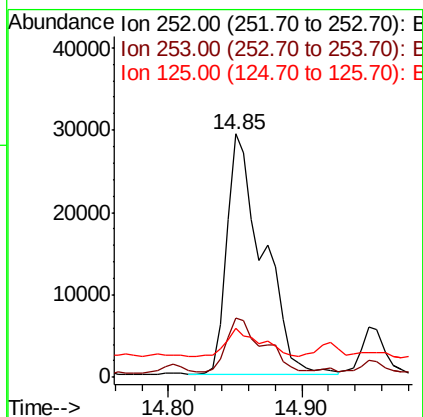
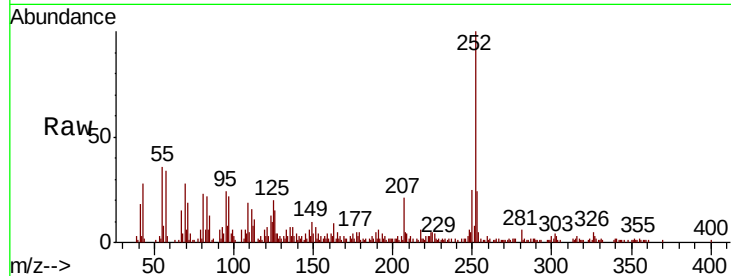




#88
Benzo(b)fluoranthene
Concen: 2.806 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113453.D
Acq: 30 Mar 2019 11:07

Instrument :
BNA_F
ClientSampleId :
CONC-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	20.0	7.6	11.4#



#89
Benzo(k)fluoranthene
Concen: 3.195 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113453.D
Acq: 30 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	20.0	7.3	10.9#

