

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108690.D
 Acq On : 31 Aug 2018 15:46
 Operator : JU/SJ
 Sample : J4712-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 16:26:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

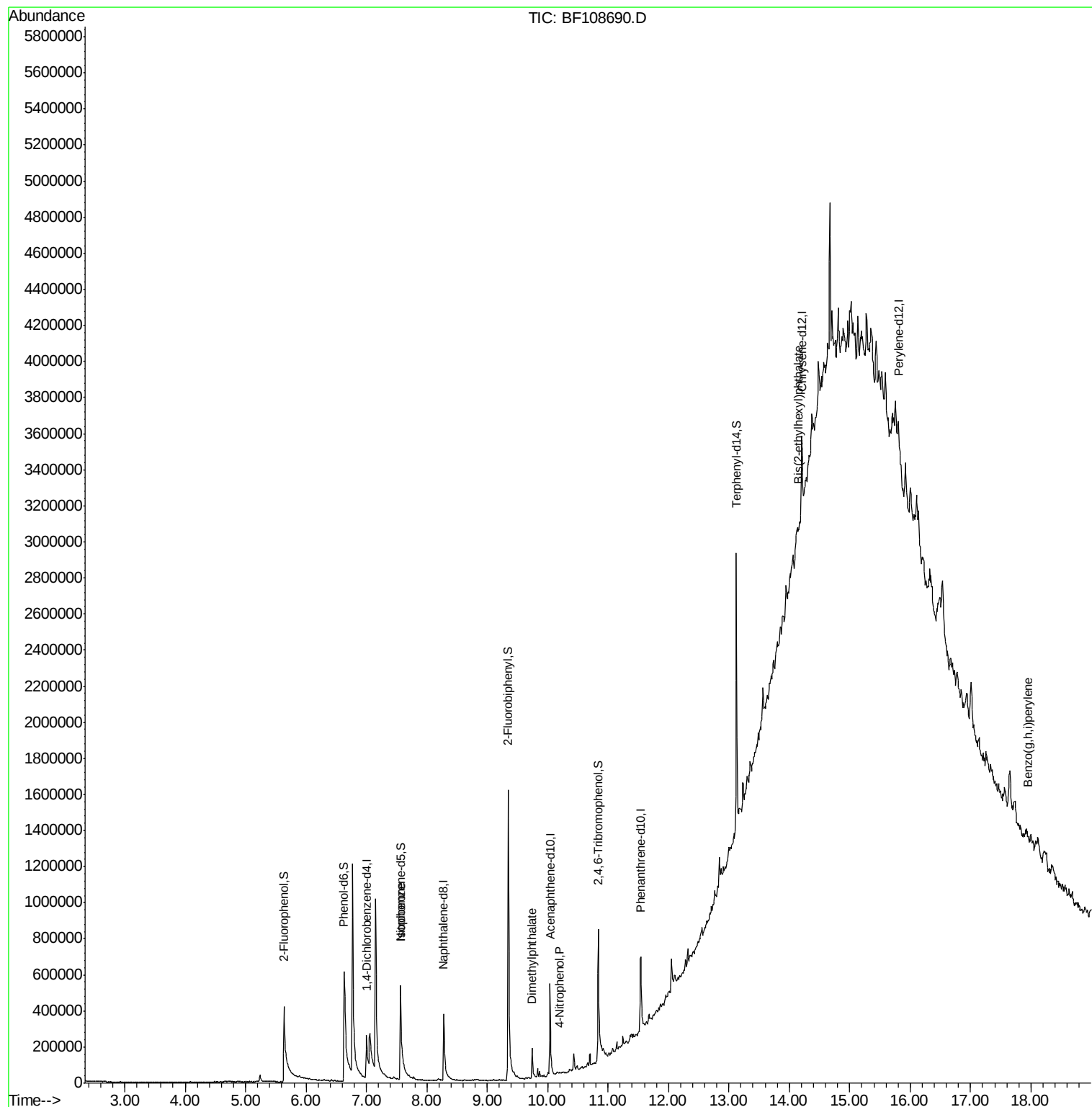
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	83114	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	335902	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	141207	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	258302	20.00	ng	0.00
75) Chrysene-d12	14.21	240	198901	20.00	ng	0.00
86) Perylene-d12	15.80	264	133776	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	354821	74.16	ng	-0.01
7) Phenol-d6	6.63	99	622473	90.84	ng	-0.02
23) Nitrobenzene-d5	7.57	82	417287	63.06	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	145070	77.82	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	765589	72.90	ng	-0.01
78) Terphenyl-d14	13.12	244	677828	66.21	ng	0.00
Target Compounds						
25) Isophorone	7.57	82	418642	38.082	ng	# 64
49) Dimethylphthalate	9.74	163	99758	8.971	ng	# 98
55) 4-Nitrophenol	10.20	139	121	4.827	ng	# 1
68) Atrazine	11.43	200	125	Below Cal		# 1
83) Bis(2-ethylhexyl)phthalate	14.15	149	16777	2.076	ng	# 98
91) Benzo(g,h,i)perylene	17.95	276	33641	5.836	ng	# 75

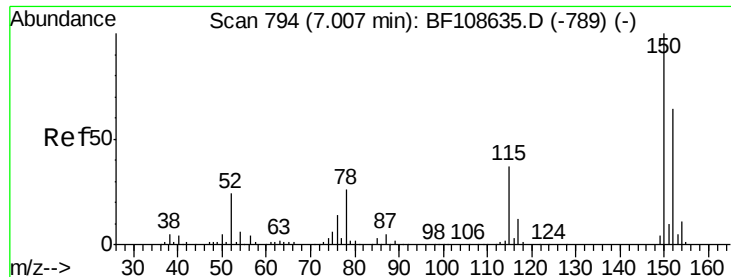
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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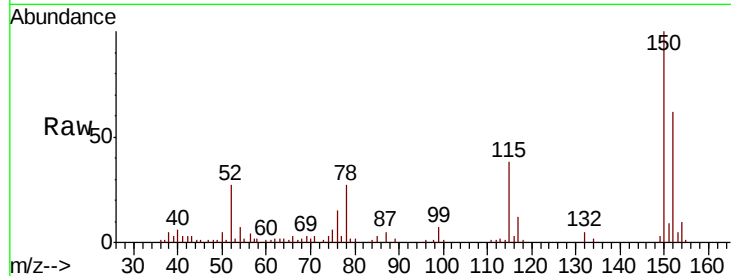


#1

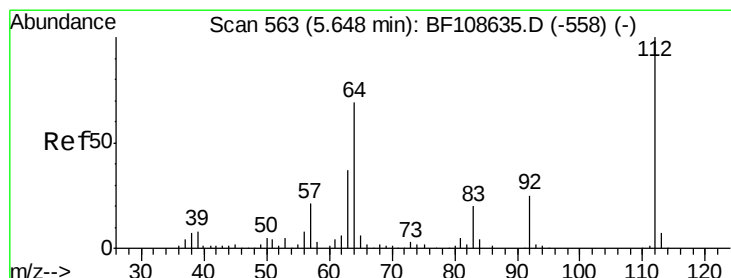
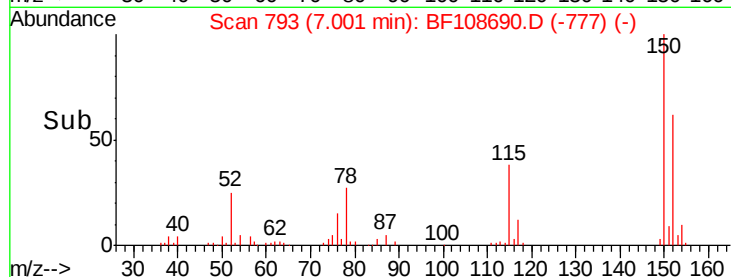
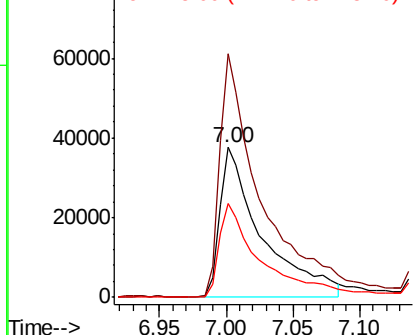
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108690.D
Acq: 31 Aug 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83114
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 62.3 50.1 75.1



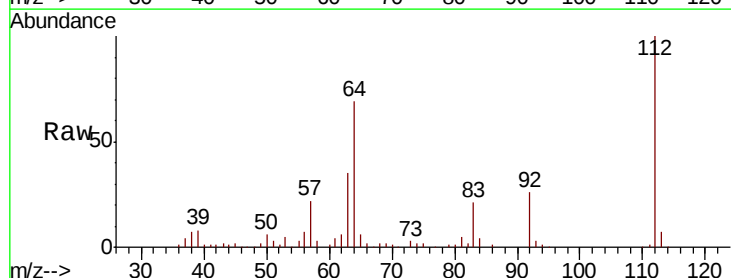
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



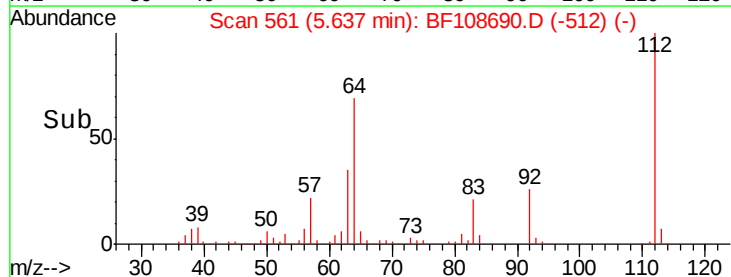
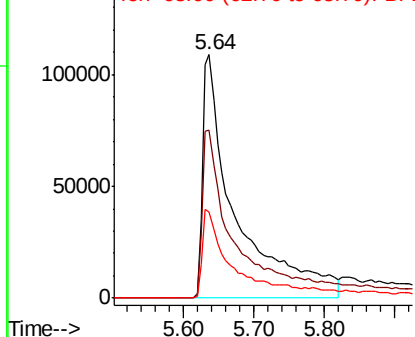
#5

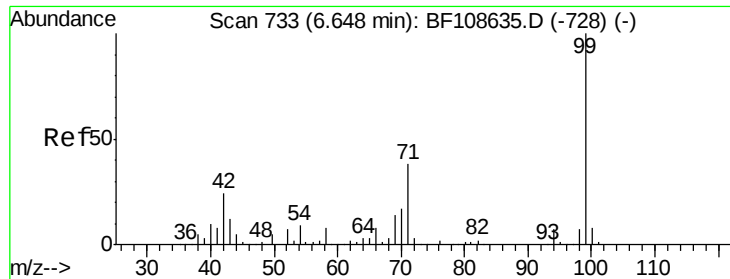
2-Fluorophenol
Concen: 74.163 ng
RT: 5.64 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF108690.D
Acq: 31 Aug 2018 15:46

Tgt Ion:112 Resp: 354821
Ion Ratio Lower Upper
112 100
64 69.2 47.9 71.9
63 35.4 23.7 35.5



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: 90.840 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF108690.D

Acq: 31 Aug 2018 15:46

Instrument :

BNA_F

ClientSampled :

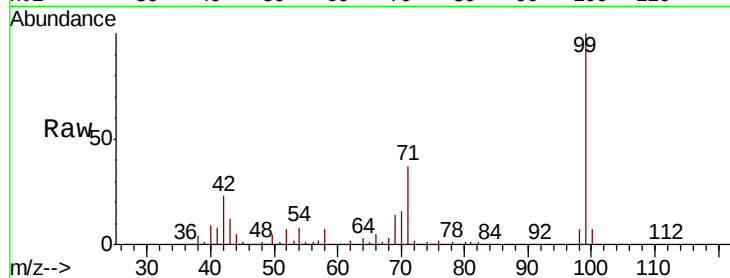
Tot Ion: 99 Resp: 622473

Ion Ratio Lower Upper

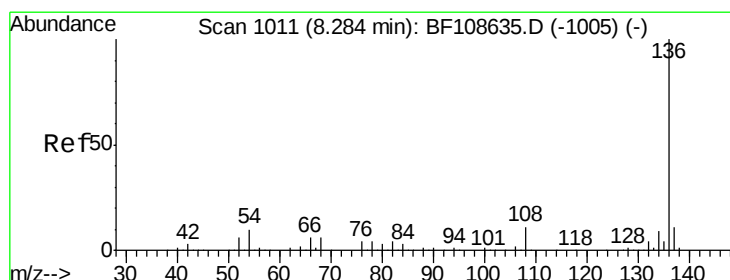
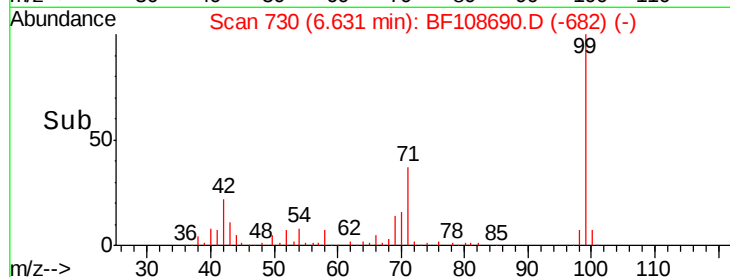
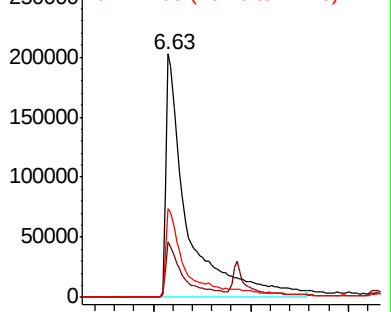
99 100

42 22.7 14.5 21.7#

71 36.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF108690.D

Acq: 31 Aug 2018 15:46

Tgt Ion: 136 Resp: 335902

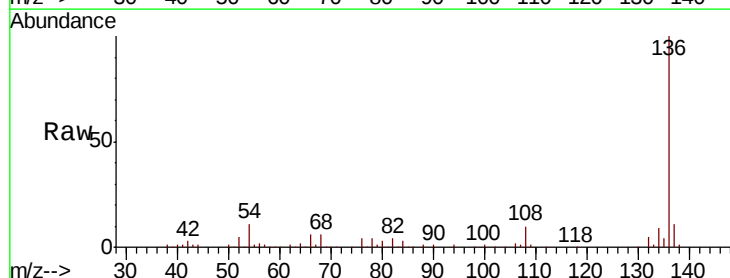
Ion Ratio Lower Upper

136 100

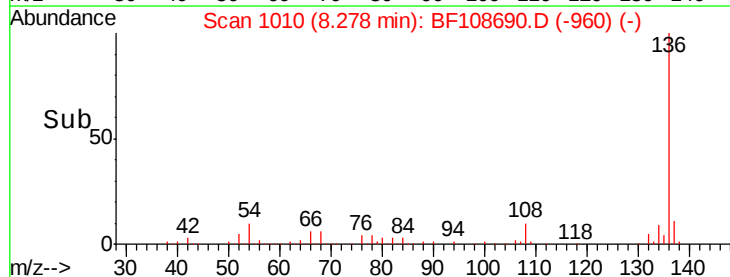
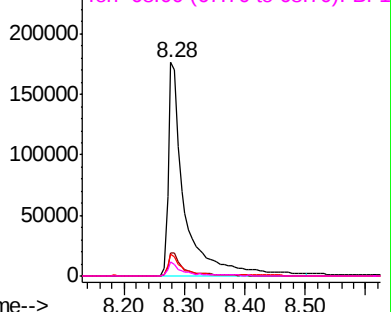
137 10.6 8.9 13.3

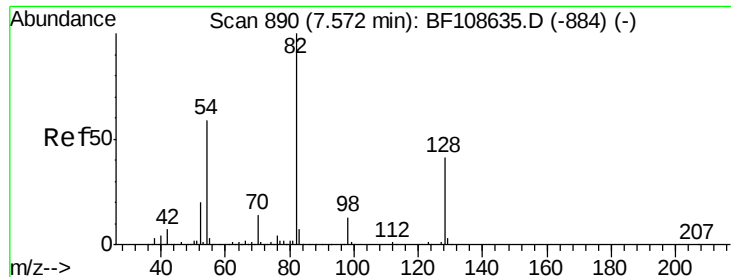
54 10.5 6.6 9.8#

68 6.3 5.0 7.4



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

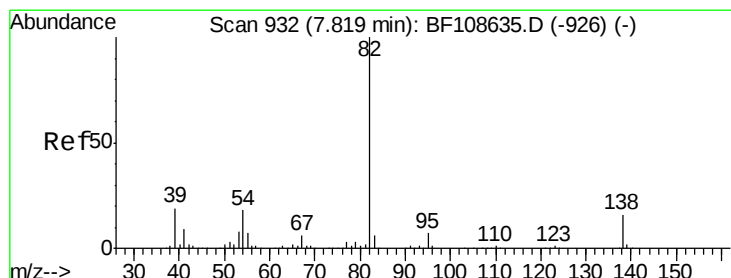
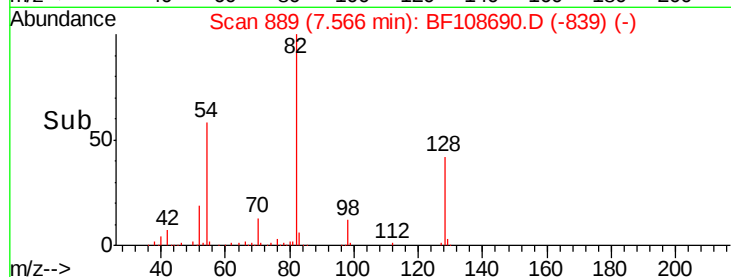
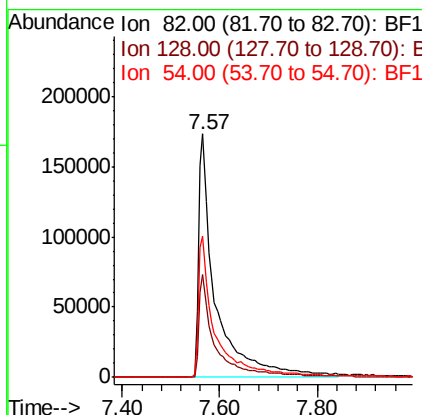
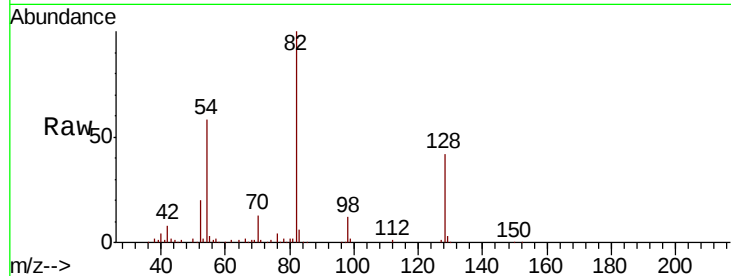




#23
Nitrobenzene-d5
Concen: 63.057 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108690.D
Acq: 31 Aug 2018 15:46

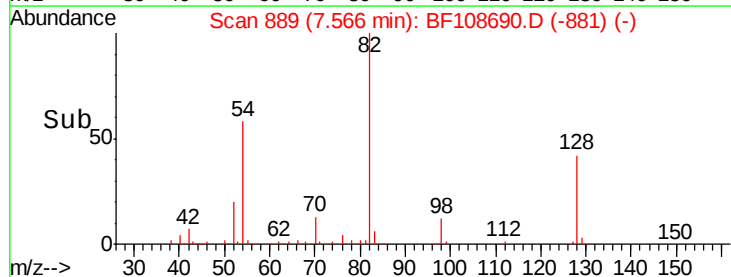
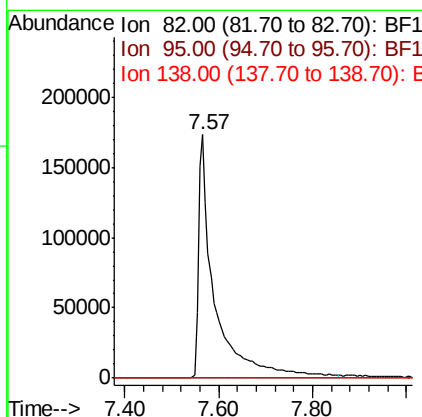
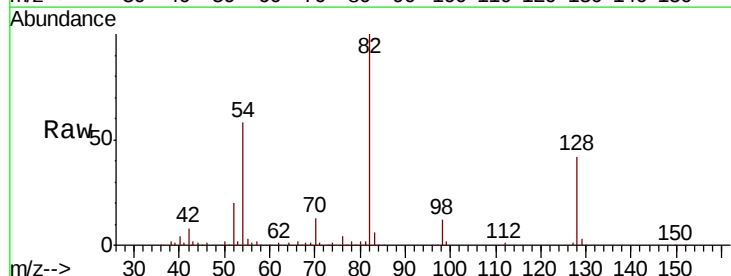
Instrument :
BNA_F
ClientSampled :

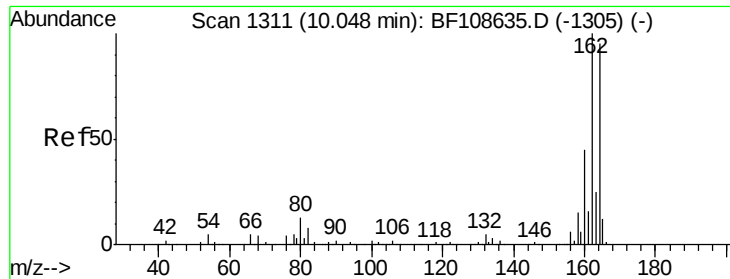
Tot Ion	82	Resp	417287
Ion Ratio	Lower	Upper	
82	100		
128	42.1	36.1	54.1
54	57.8	41.4	62.2



#25
Isophorone
Concen: 38.082 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108690.D
Acq: 31 Aug 2018 15:46

Tgt Ion	82	Resp	418642
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

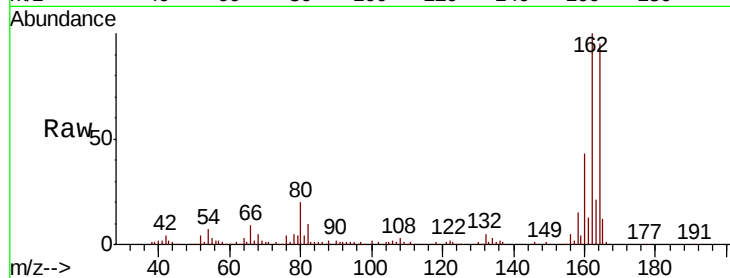




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF108690.D
 Acq: 31 Aug 2018 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	45.6	38.3	57.5

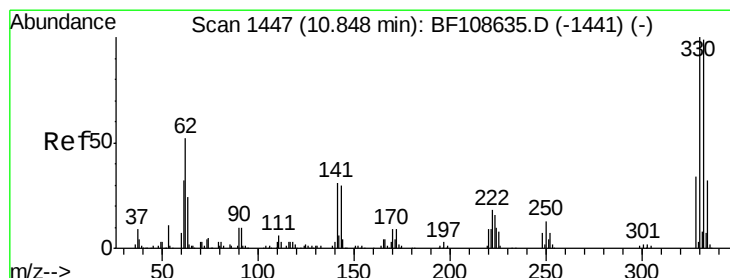
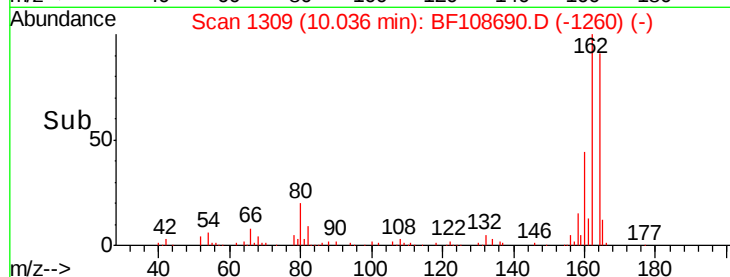
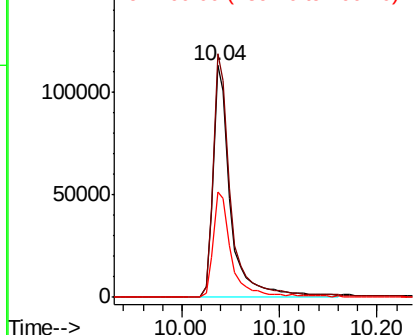


Abundance

Ion 164.00 (163.70 to 164.70): E

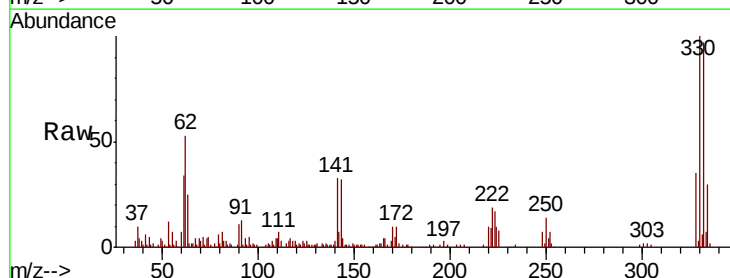
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 77.823 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108690.D
 Acq: 31 Aug 2018 15:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	33.0	29.9	44.9

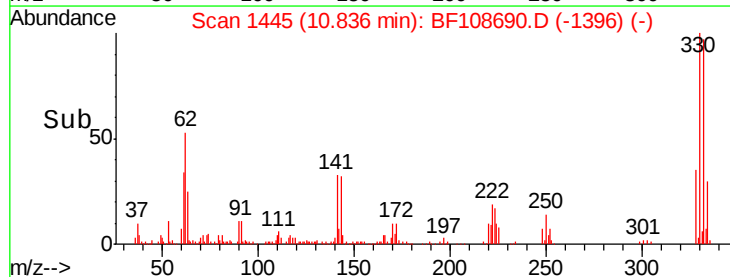
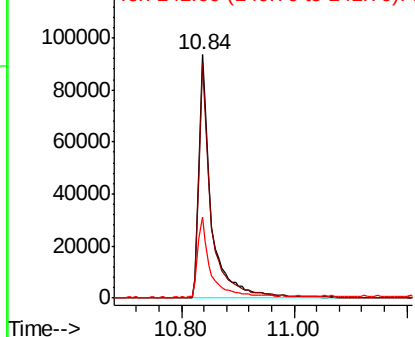


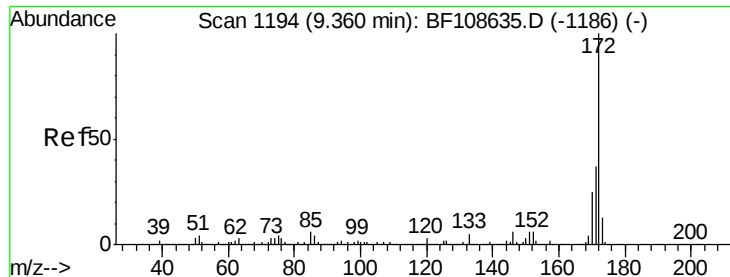
Abundance

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

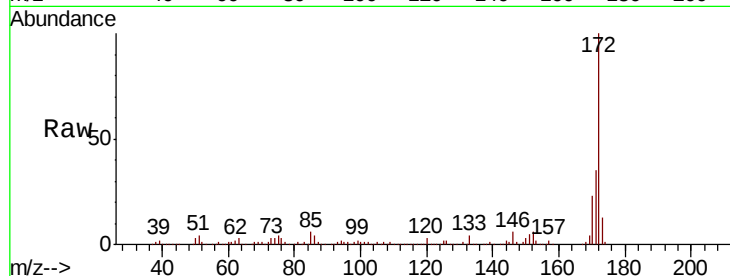




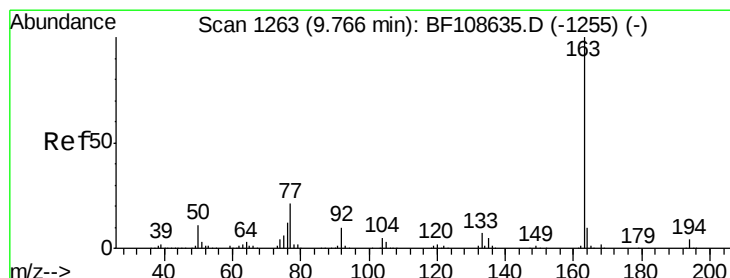
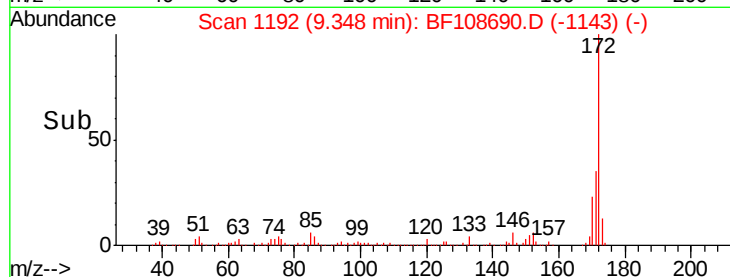
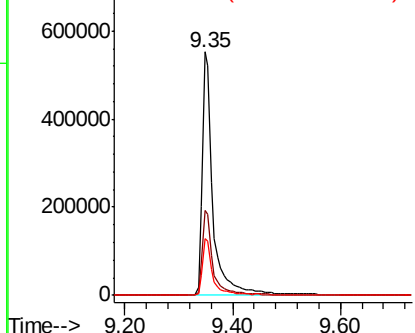
#44
2-Fluorobiphenyl
Concen: 72.900 ng
RT: 9.35 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF108690.D
Acq: 31 Aug 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.4	19.6	29.4

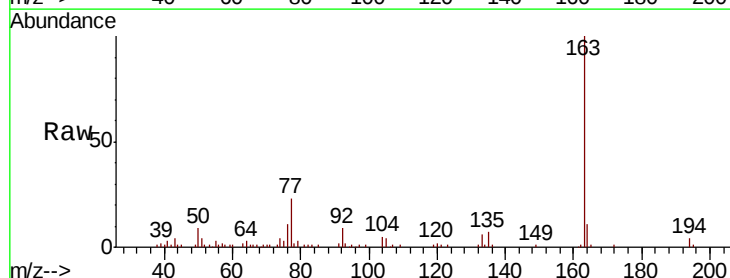


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

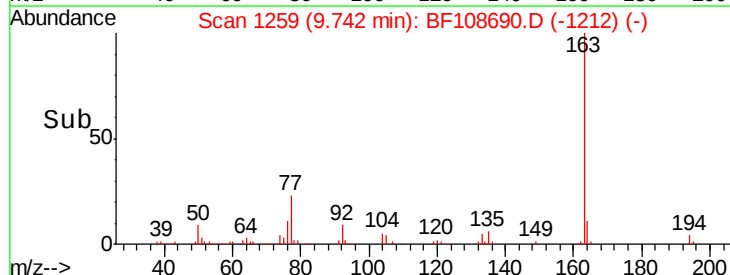
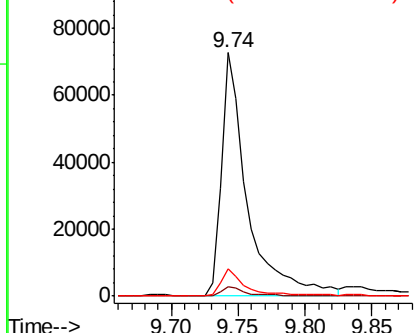


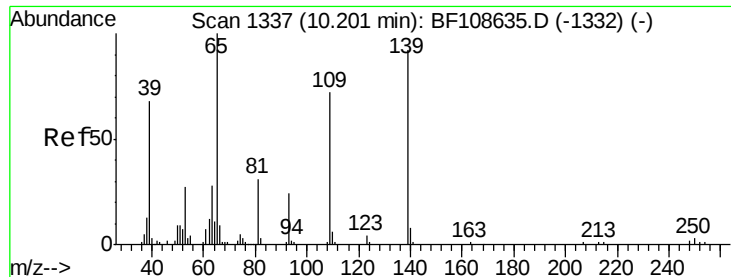
#49
Dimethylphthalate
Concen: 8.971 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108690.D
Acq: 31 Aug 2018 15:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.2	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

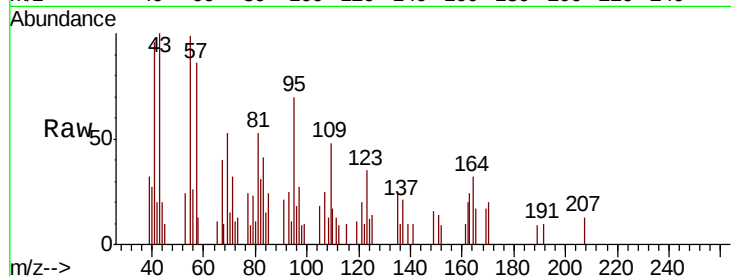




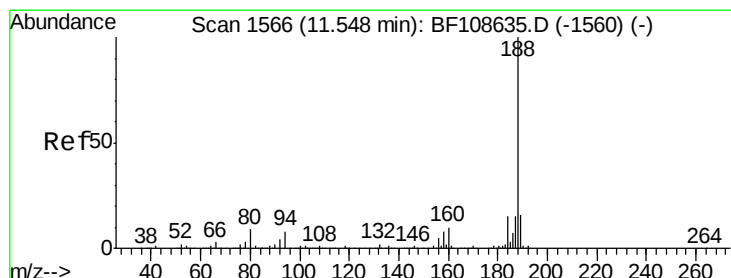
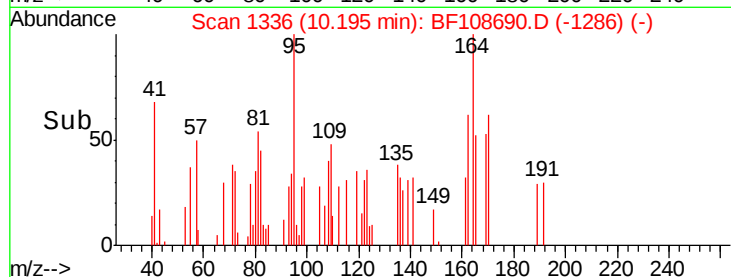
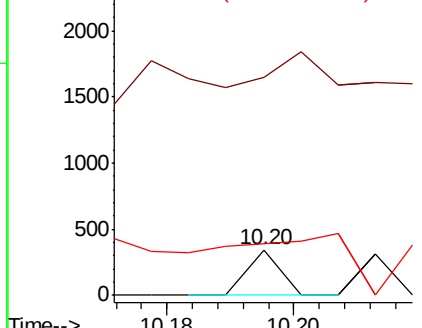
#55
4-Nitrophenol
Concen: 4.827 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF108690.D
Acq: 31 Aug 2018 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 121
Ion Ratio Lower Upper
139 100
109 480.8 48.4 88.4#
65 113.7 72.6 112.6#

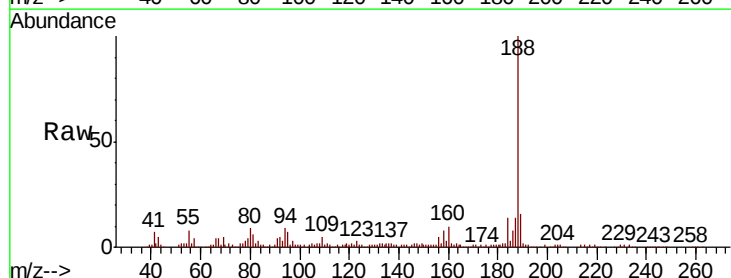


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

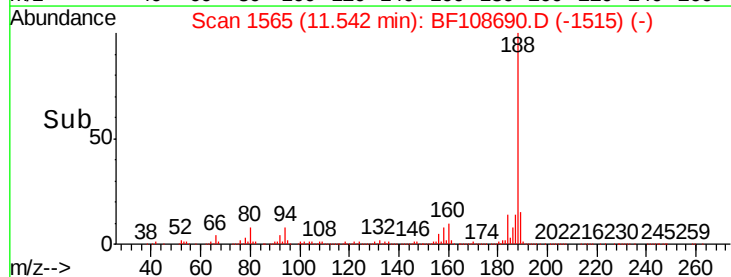
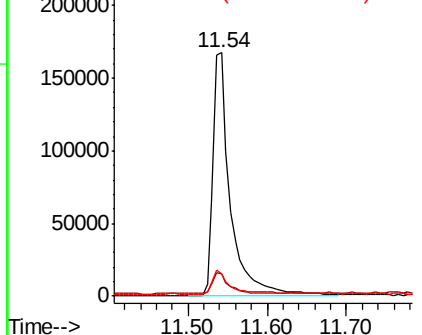


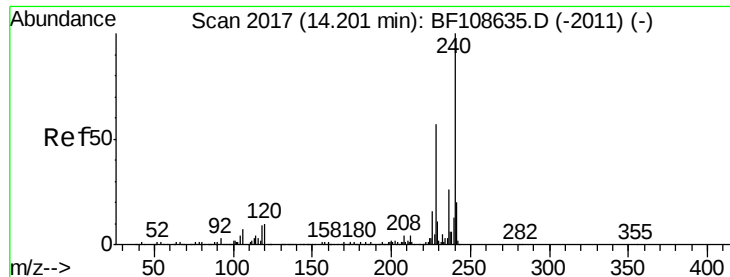
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108690.D
Acq: 31 Aug 2018 15:46

Tgt Ion:188 Resp: 258302
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.3 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF108690.D

Acq: 31 Aug 2018 15:46

Instrument :

BNA_F

ClientSampleId :

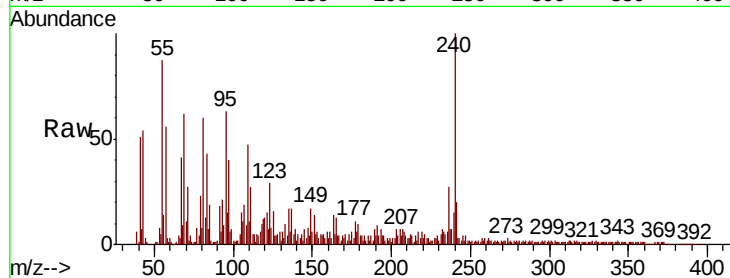
Tot Ion:240 Resp: 198901

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

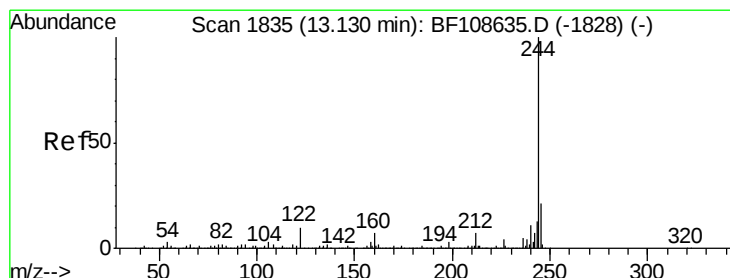
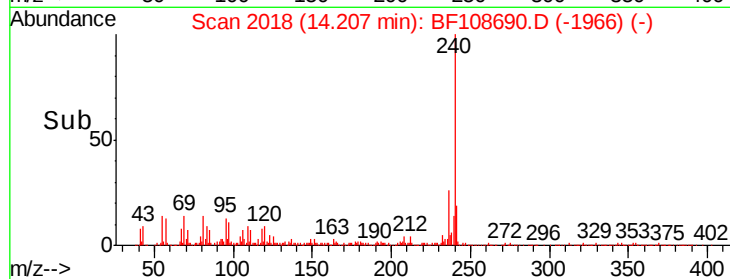
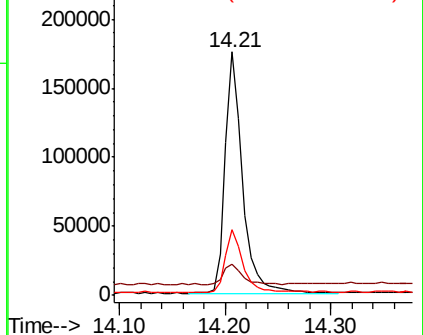
236 27.1 20.7 31.1



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

Terphenyl-d14

Concen: 66.213 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108690.D

Acq: 31 Aug 2018 15:46

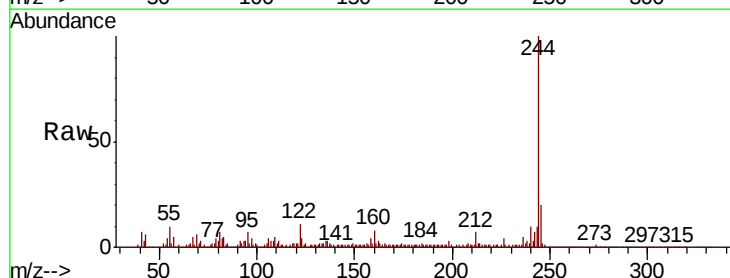
Tgt Ion:244 Resp: 677828

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

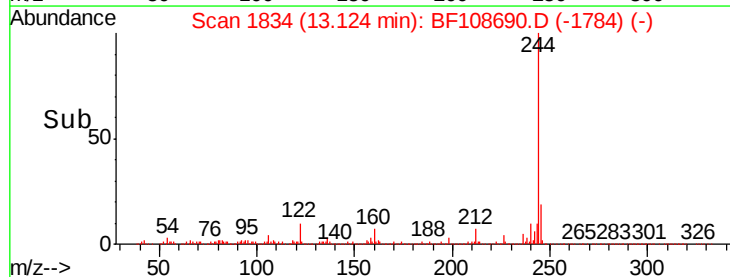
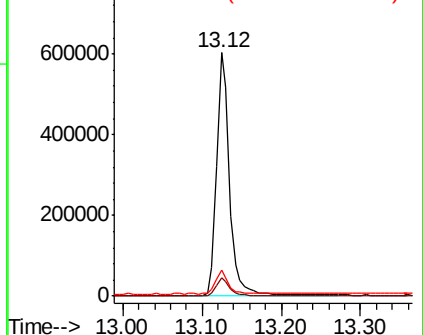
122 10.7 11.0 16.4#

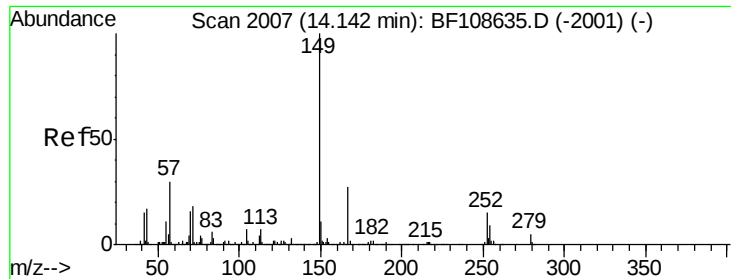


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

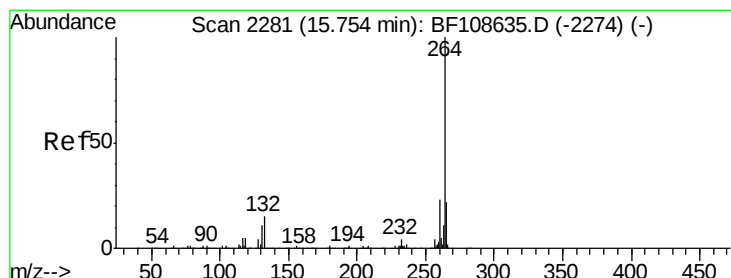
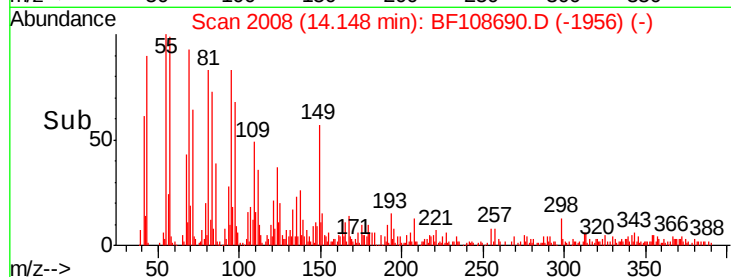
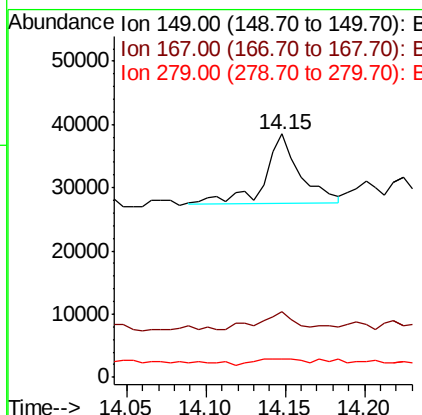
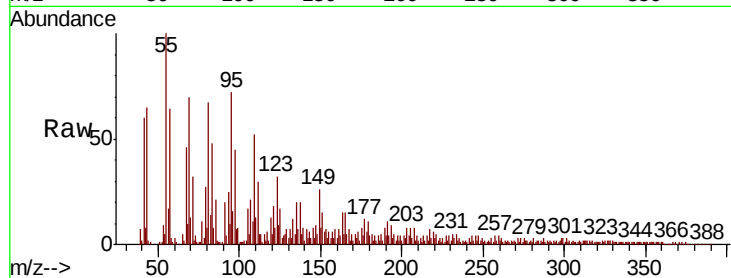




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.076 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF108690.D
 Acq: 31 Aug 2018 15:46

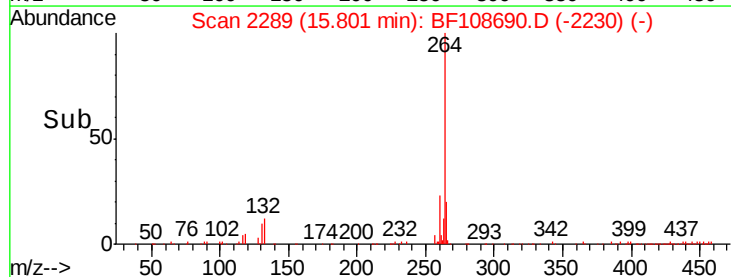
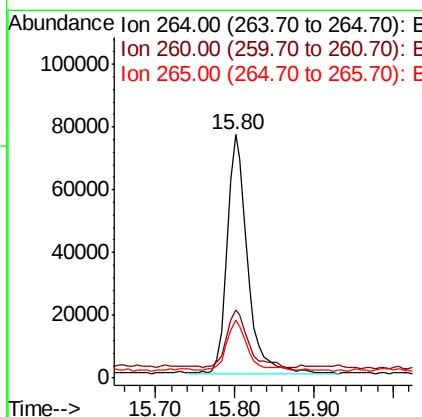
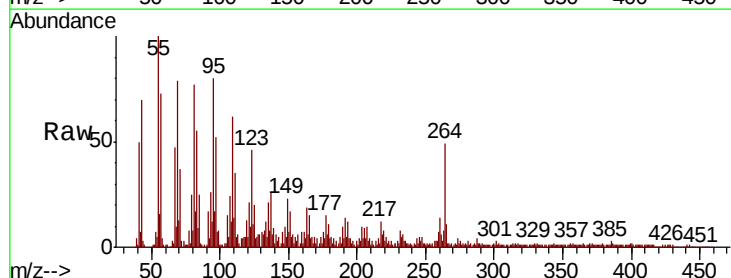
Instrument :
 BNA_F
 ClientSampleId :

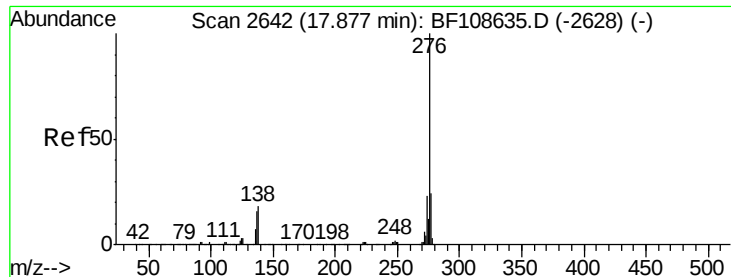
Tot Ion:149 Resp: 16777
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 7.5 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.80 min Scan# 2289
 Delta R.T. 0.05 min
 Lab File: BF108690.D
 Acq: 31 Aug 2018 15:46

Tgt Ion:264 Resp: 133776
 Ion Ratio Lower Upper
 264 100
 260 27.9 19.2 28.8
 265 23.6 17.5 26.3

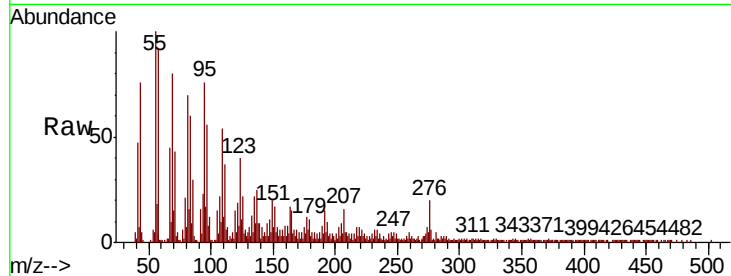




#91
 Benzo(a,h,i)perylene
 Concen: 5.836 ng
 RT: 17.95 min Scan# 2654
 Delta R.T. 0.07 min
 Lab File: BF108690.D
 Acq: 31 Aug 2018 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.4	17.9	26.9#
138	44.0	21.8	32.8#



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

