

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108885.D
 Acq On : 8 Sep 2018 2:45
 Operator : JU/SJ
 Sample : J4811-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090518-TIPC-E-U-M

Quant Time: Sep 08 03:32:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

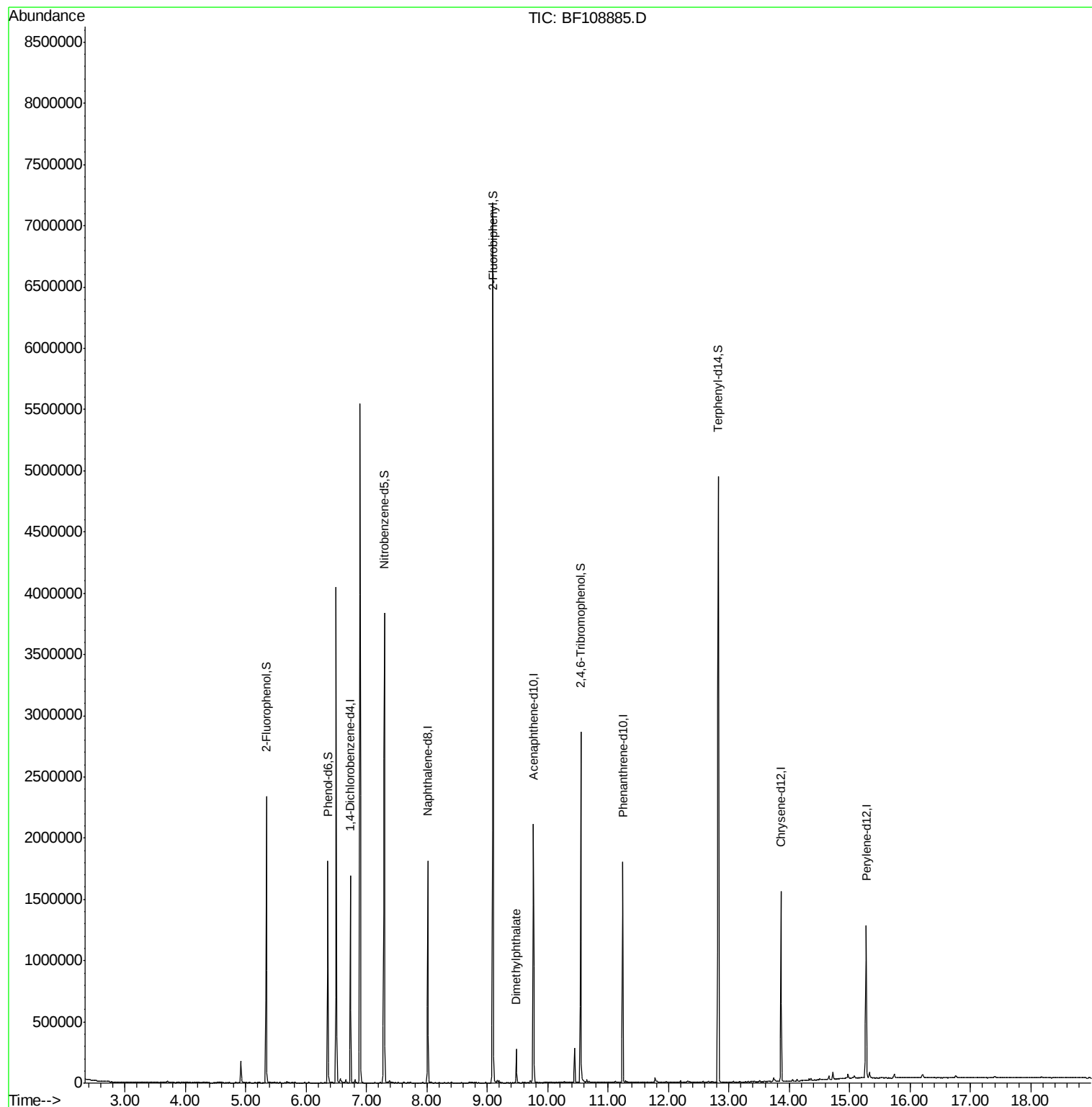
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	229743	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	832507	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	372012	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	598152	20.00	ng	0.00
75) Chrysene-d12	13.87	240	488094	20.00	ng	0.00
86) Perylene-d12	15.27	264	515847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	625231	45.09	ng	0.00
7) Phenol-d6	6.36	99	522977	29.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	1500951	112.83	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	320805	90.33	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2299659	105.46	ng	0.00
78) Terphenyl-d14	12.82	244	1795045	85.76	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	101494	3.901	ng	99

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

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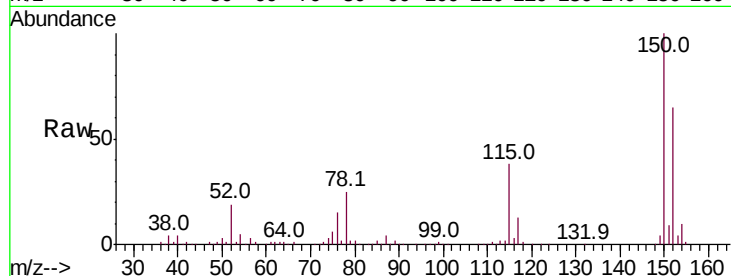


#1

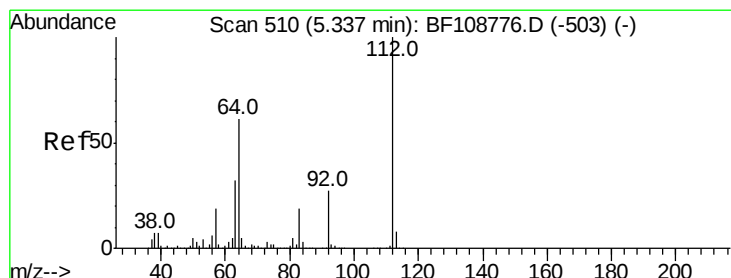
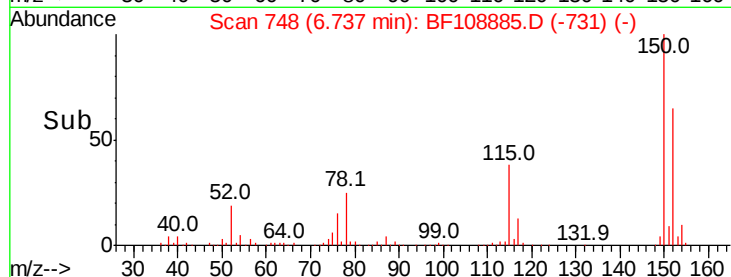
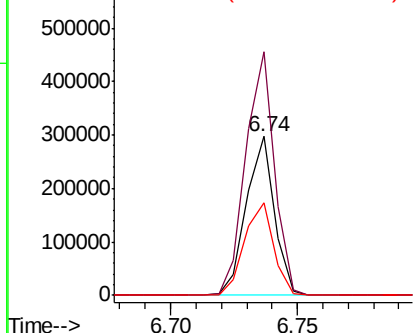
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

Instrument :
 BNA_F
 ClientSampleId :
 090518-TIPC-E-U-M

Tot Ion:152 Resp: 229743
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 186.8
 115 58.4 50.1 75.1



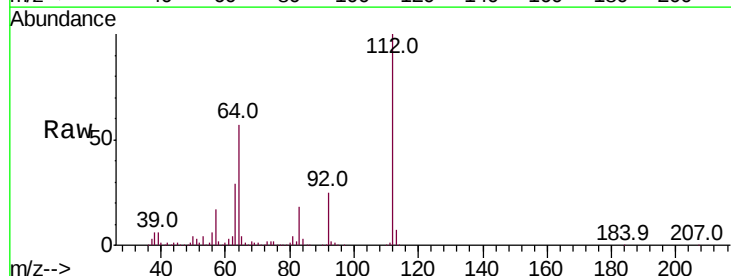
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



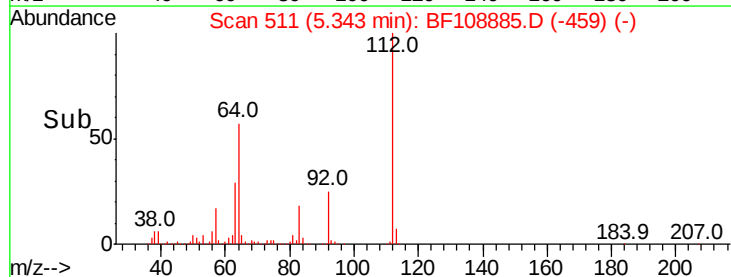
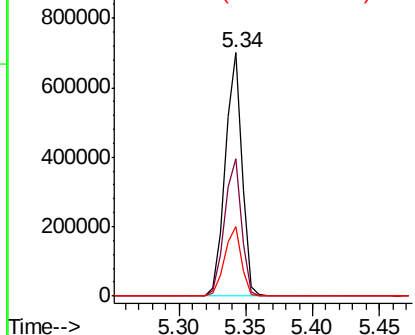
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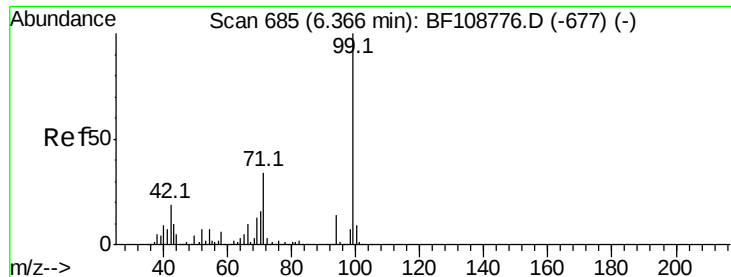
2-Fluorophenol
 Concen: 45.085 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

Tgt Ion:112 Resp: 625231
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 28.6 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: 29.310 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108885.D

Acq: 8 Sep 2018 2:45

Instrument :

BNA_F

ClientSampleId :

090518-TIPC-E-U-M

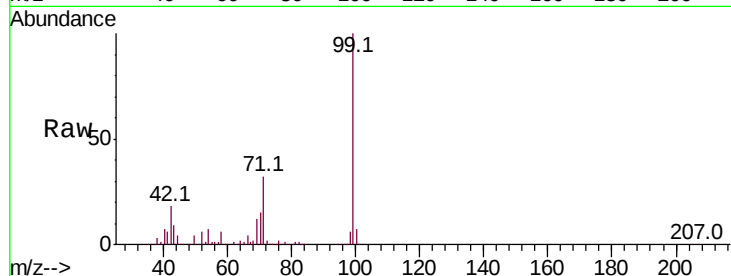
Tot Ion: 99 Resp: 522977

Ion Ratio Lower Upper

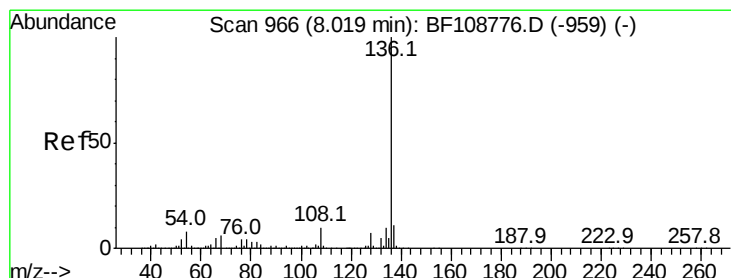
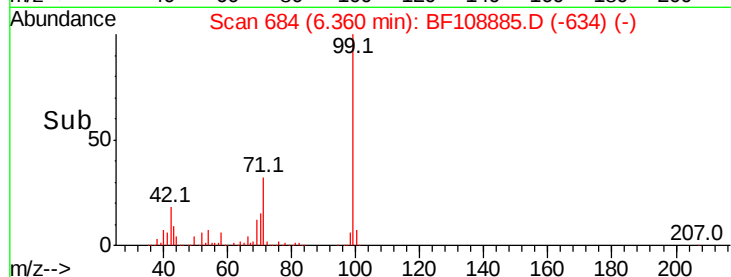
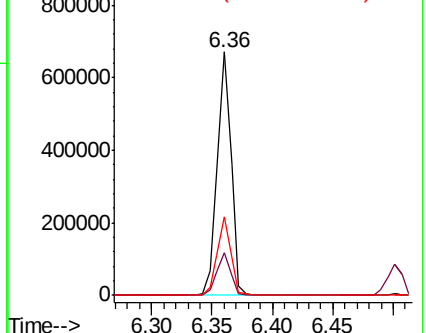
99 100

42 17.6 14.5 21.7

71 32.2 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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108885.D

Acq: 8 Sep 2018 2:45

Tgt Ion: 136 Resp: 832507

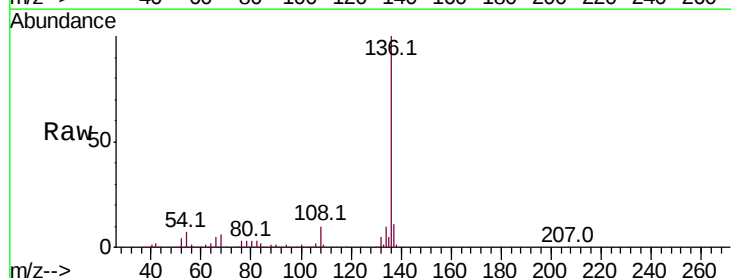
Ion Ratio Lower Upper

136 100

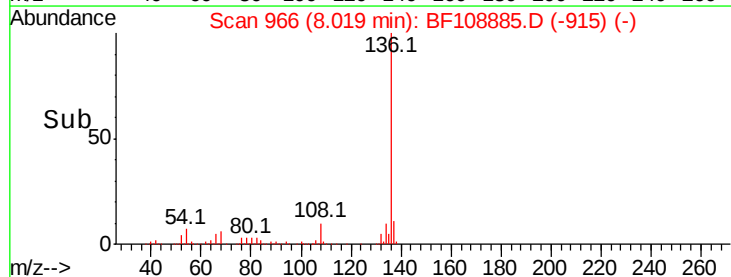
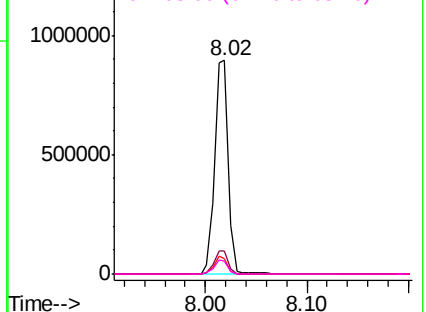
137 11.0 8.9 13.3

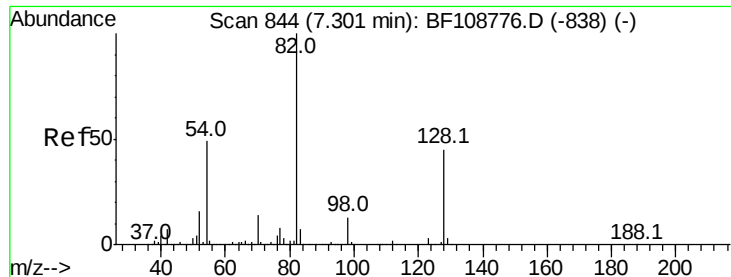
54 6.9 6.6 9.8

68 6.0 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



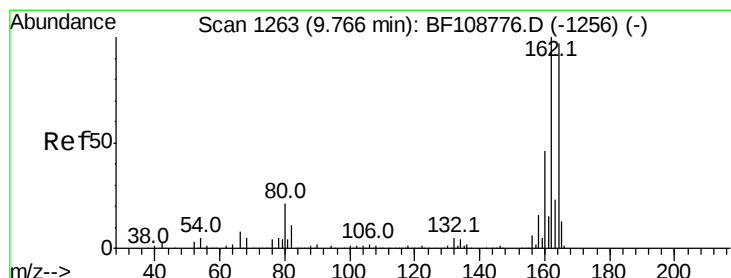
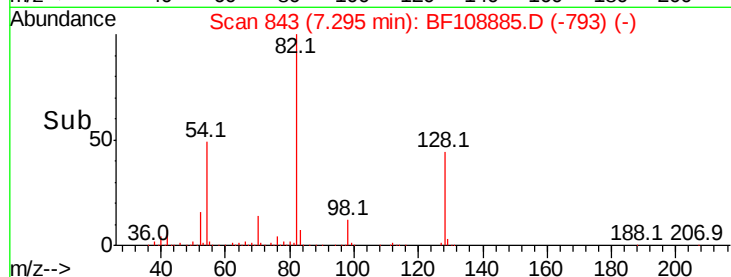
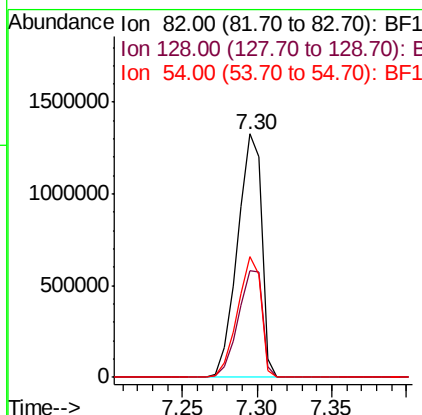
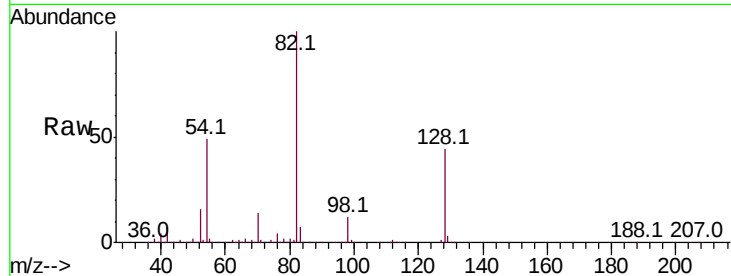


#23
 Nitrobenzene-d5
 Concen: 112.829 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

Instrument :
 BNA_F
 ClientSampleId :
 090518-TIPC-E-U-M

Tot Ion: 82 Resp: 1500951

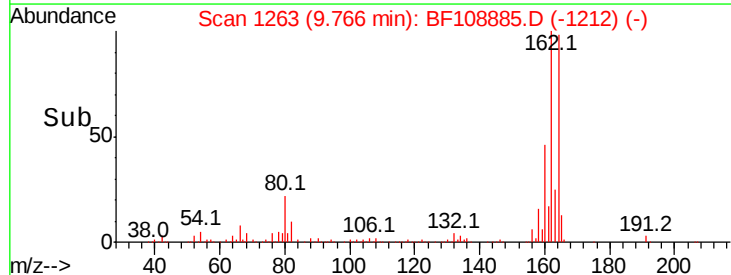
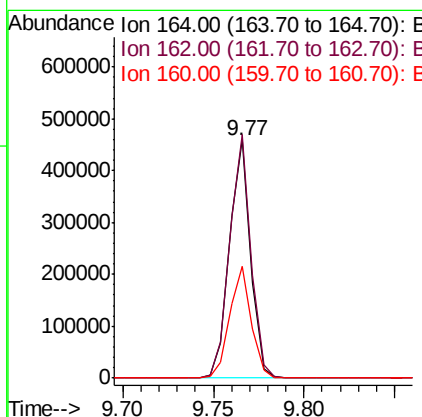
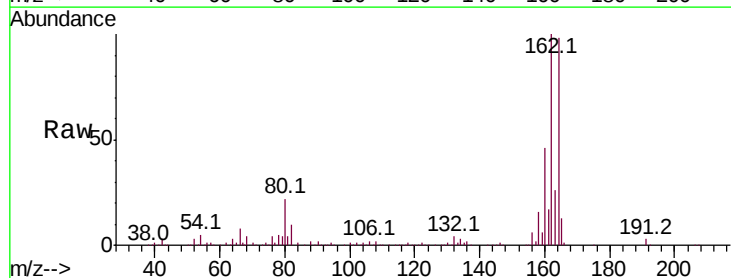
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	49.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

Tgt Ion:164 Resp: 372012

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	47.1	38.3	57.5

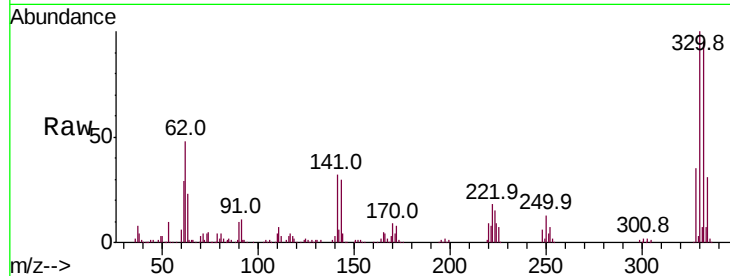




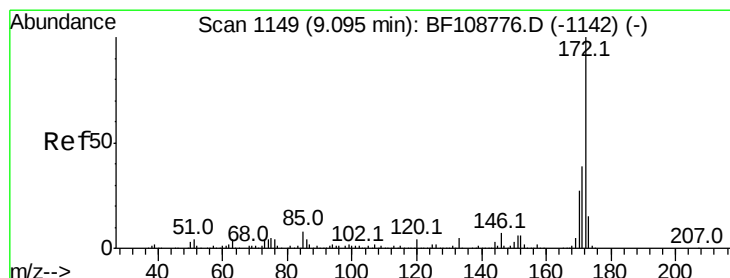
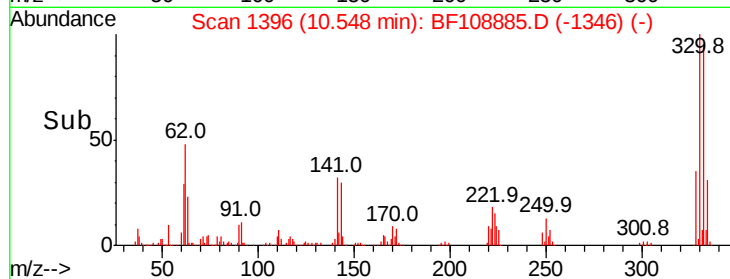
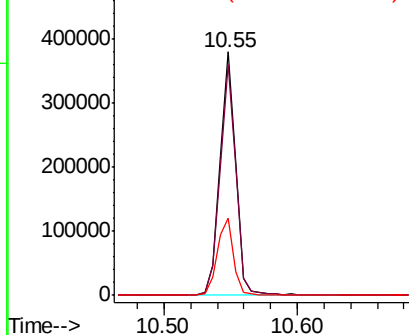
#41
 2,4,6-Tribromophenol
 Concen: 90.332 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

Instrument :
 BNA_F
 ClientSampleId :
 090518-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.6	29.9	44.9

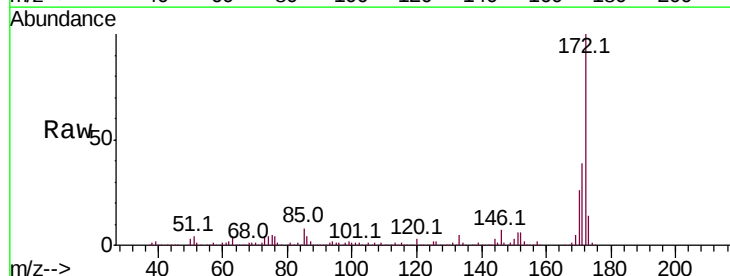


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

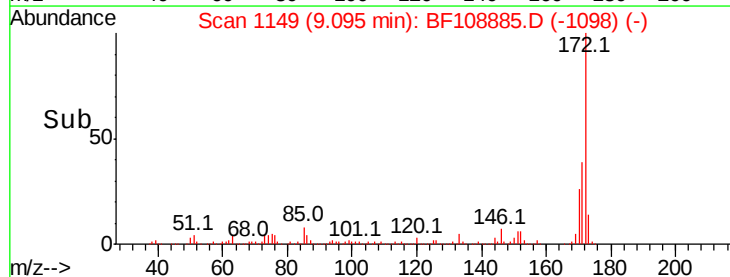
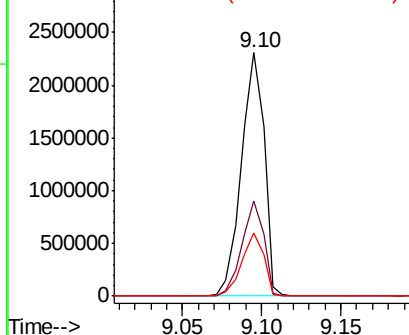


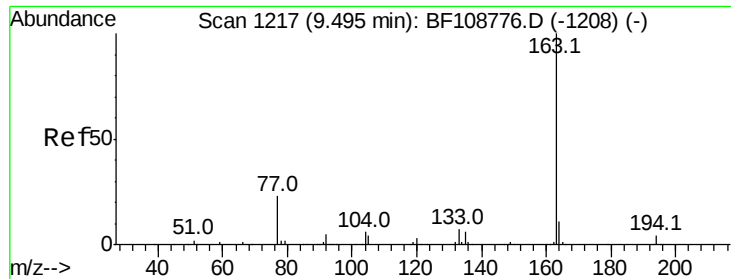
#44
 2-Fluorobiphenyl
 Concen: 105.459 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.7	44.5
170	26.1	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

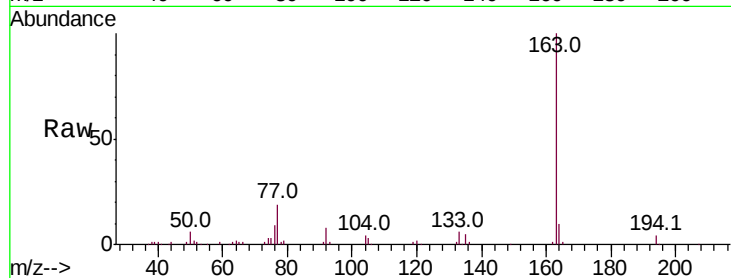




#49
Dimethylphthalate
Concen: 3.901 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Instrument :
BNA_F
ClientSampleId :
090518-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2

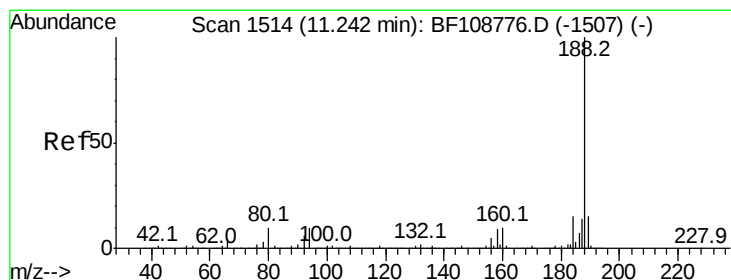
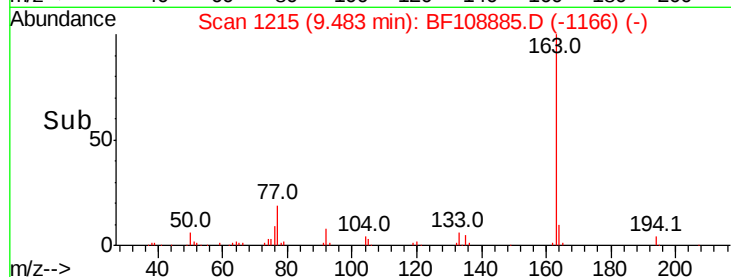
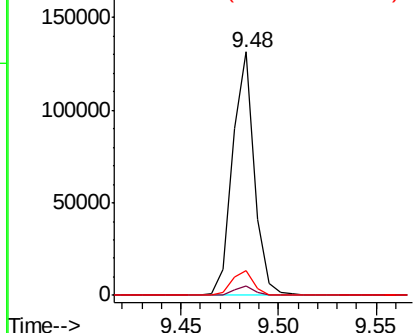


Abundance

Ion 163.00 (162.70 to 163.70): E

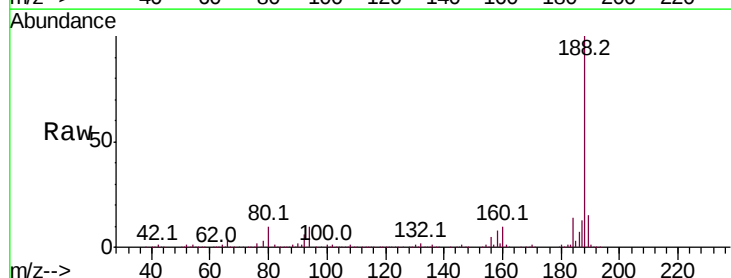
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.5	9.2	13.8

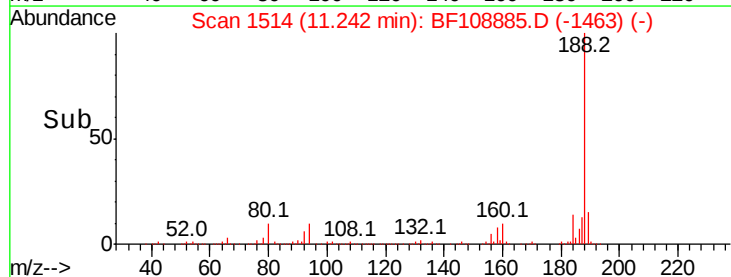
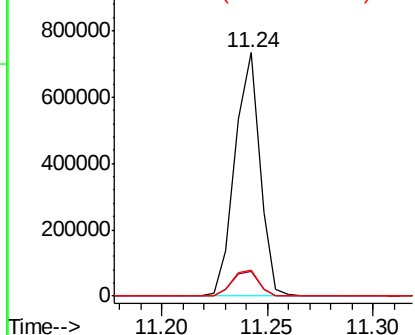


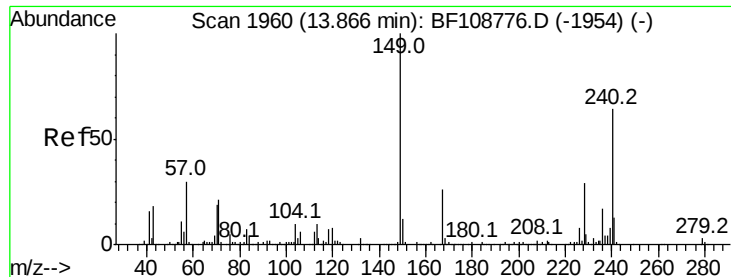
Abundance

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: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108885.D

Acq: 8 Sep 2018 2:45

Instrument :

BNA_F

ClientSampleId :

090518-TIPC-E-U-M

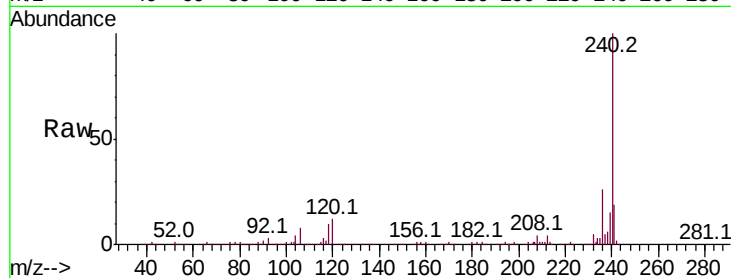
Tot Ion:240 Resp: 488094

Ion Ratio Lower Upper

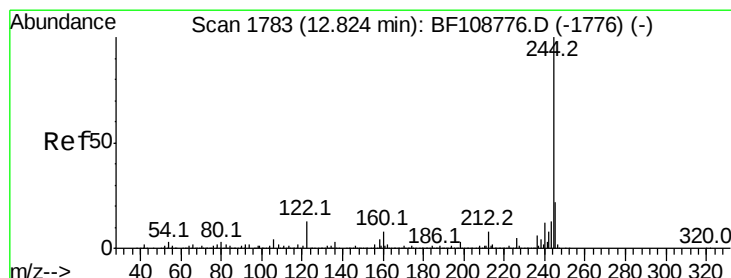
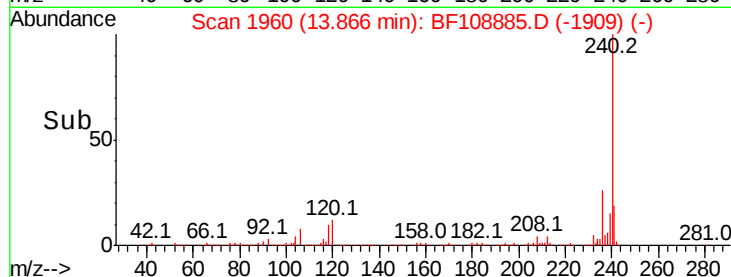
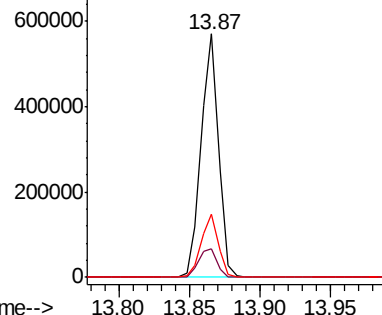
240 100

120 11.7 9.5 14.3

236 25.8 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: 85.759 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108885.D

Acq: 8 Sep 2018 2:45

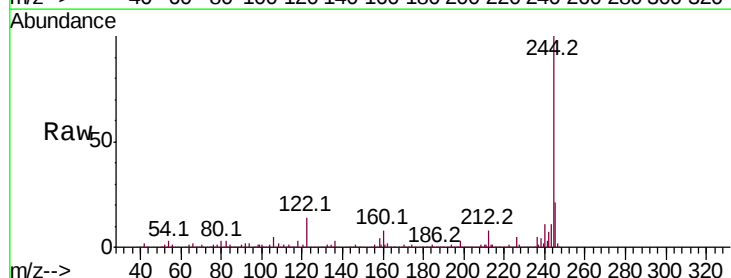
Tgt Ion:244 Resp: 1795045

Ion Ratio Lower Upper

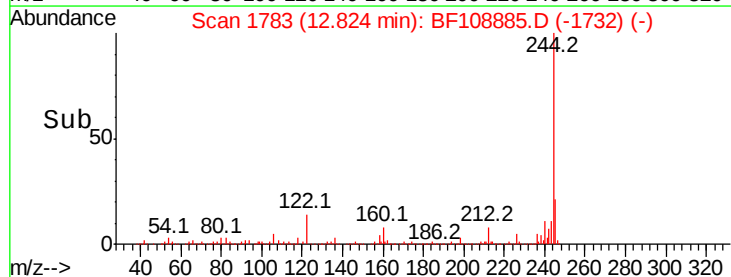
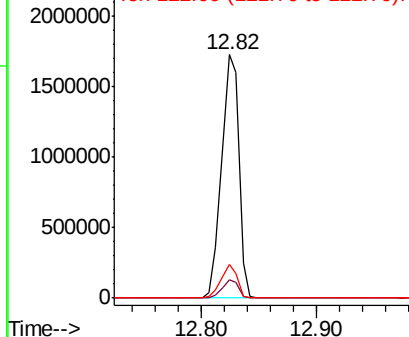
244 100

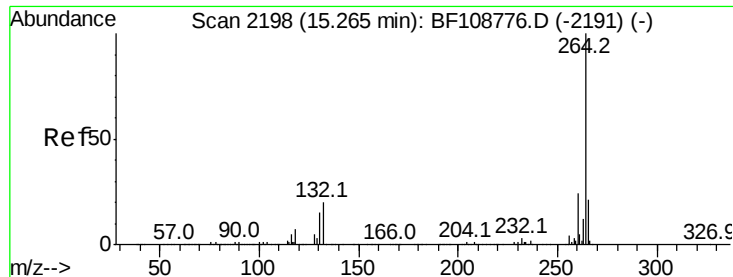
212 7.6 5.4 8.0

122 13.7 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





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Instrument :
BNA_F
ClientSampleId :
090518-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3

