

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110740.D
 Acq On : 14 Nov 2018 00:56
 Operator : JU/SJ
 Sample : J5921-02 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-TANK1-N29675

Quant Time: Nov 14 06:59:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78050	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	298291	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	113783	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	188498	20.00	ng	0.00
76) Chrysene-d12	14.13	240	150738	20.00	ng	0.00
87) Perylene-d12	15.67	264	104252	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	7097	1.48	ng	0.02
7) Phenol-d6	6.59	99	7292	1.19	ng	0.01
23) Nitrobenzene-d5	7.52	82	13275	2.56	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	3635	3.17	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	26483	3.32	ng	0.00
79) Terphenyl-d14	13.06	244	22911	2.85	ng	0.00

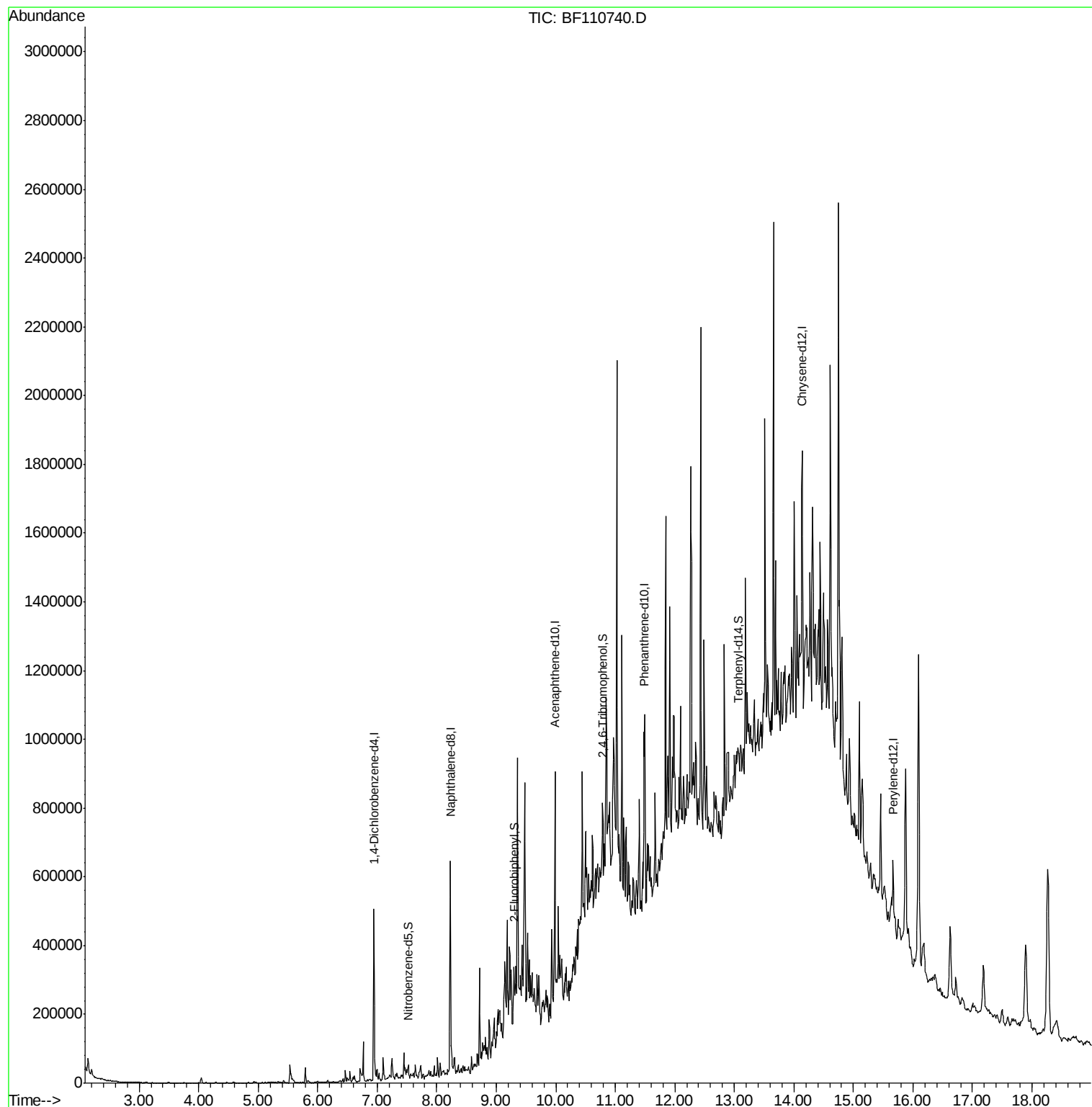
Target Compounds Qvalue

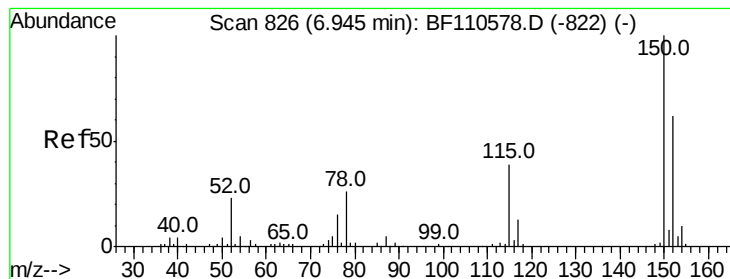
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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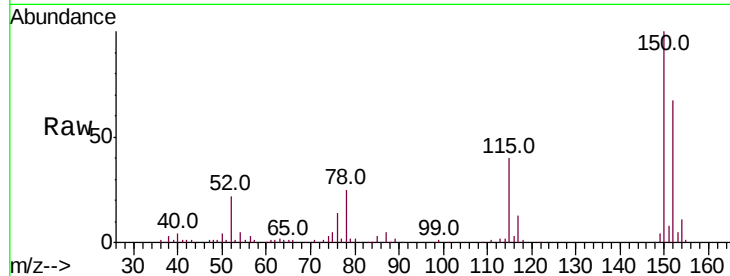


#1

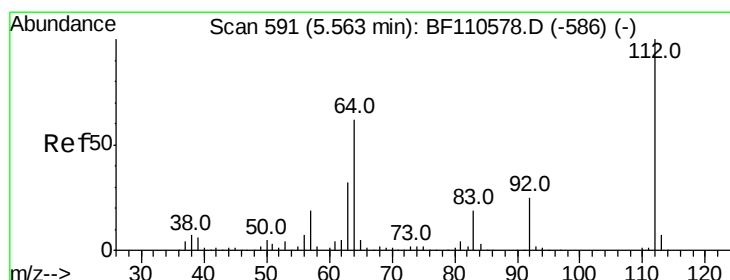
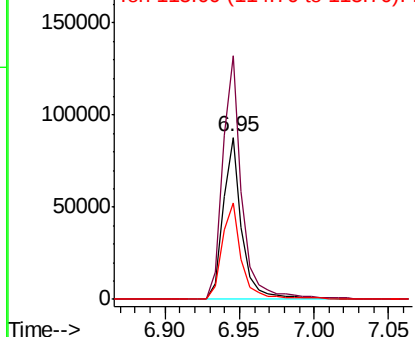
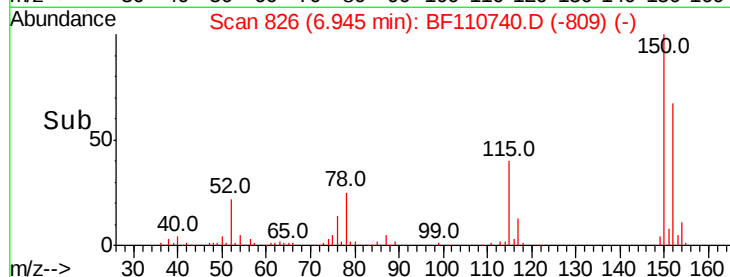
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110740.D
Acq: 14 Nov 2018 00:56

Instrument :
BNA_F
ClientSampleId :
SP-TANK1-N29675

Tot Ion:152 Resp: 78050
Ion Ratio Lower Upper
152 100
150 150.2 122.7 184.1
115 59.4 49.1 73.7



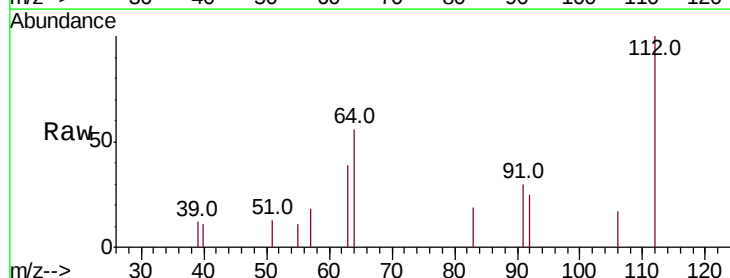
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



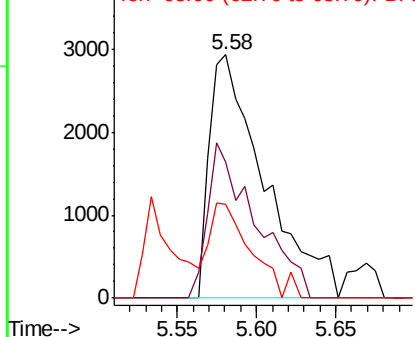
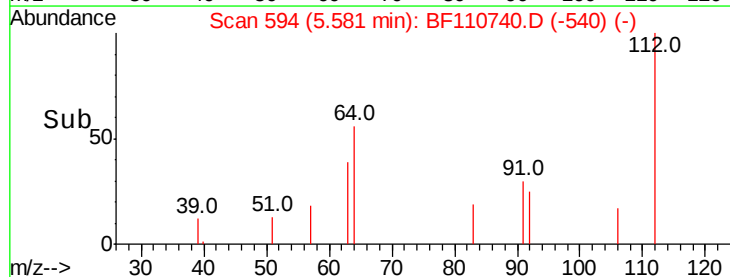
#5

2-Fluorophenol
Concen: 1.477 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.02 min
Lab File: BF110740.D
Acq: 14 Nov 2018 00:56

Tgt Ion:112 Resp: 7097
Ion Ratio Lower Upper
112 100
64 55.9 44.1 66.1
63 38.6 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: 1.187 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110740.D

Acq: 14 Nov 2018 00:56

Instrument :

BNA_F

ClientSampleId :

SP-TANK1-N29675

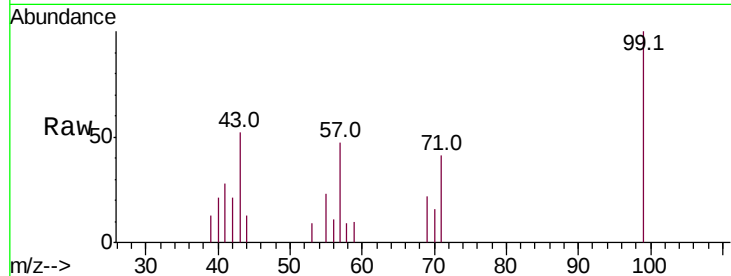
Tot Ion: 99 Resp: 7292

Ion Ratio Lower Upper

99 100

42 20.6 15.8 23.6

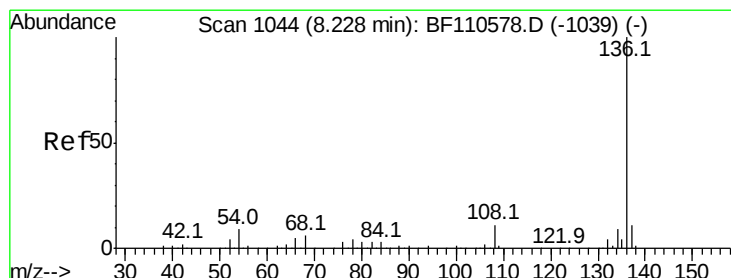
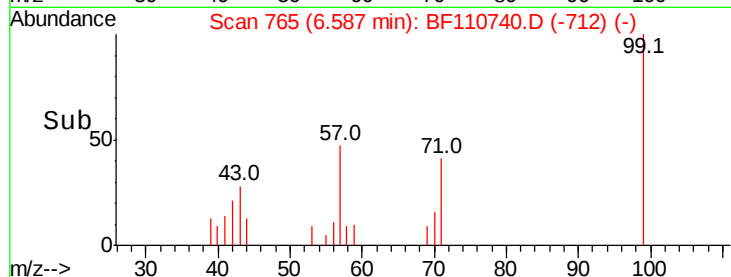
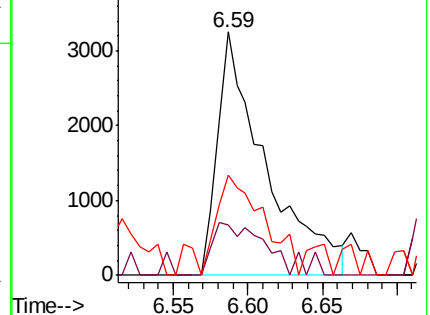
71 40.9 28.0 42.0



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: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110740.D

Acq: 14 Nov 2018 00:56

Tgt Ion: 136 Resp: 298291

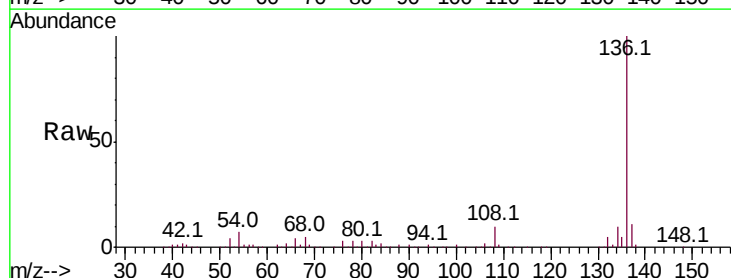
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.4 5.4 8.2

68 4.8 4.2 6.2

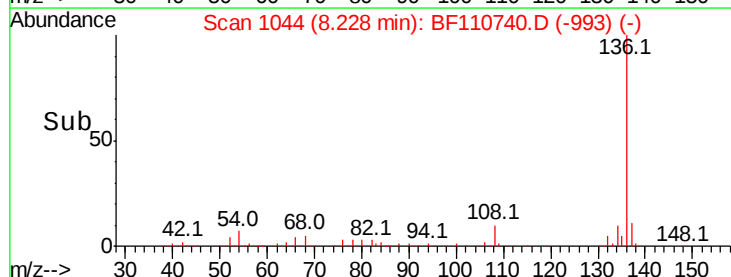
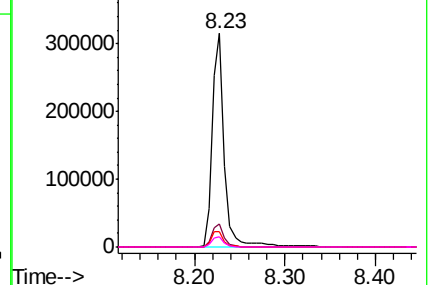


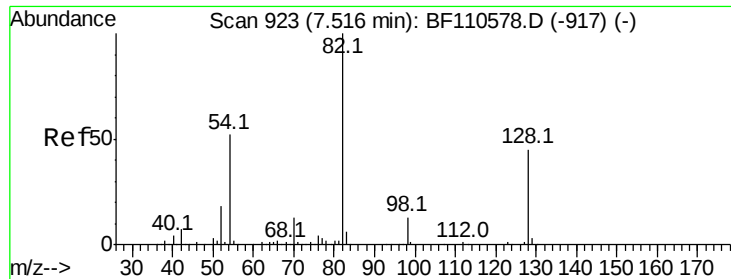
Abundance Ion 136.00 (135.70 to 136.70): E

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

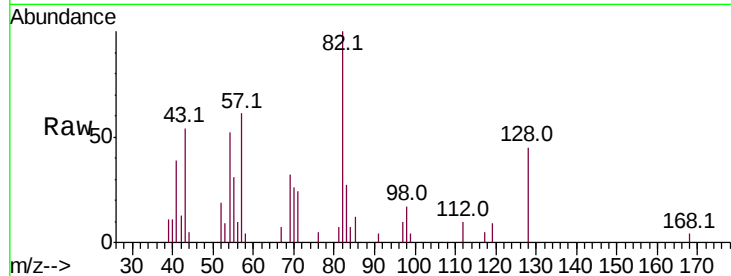




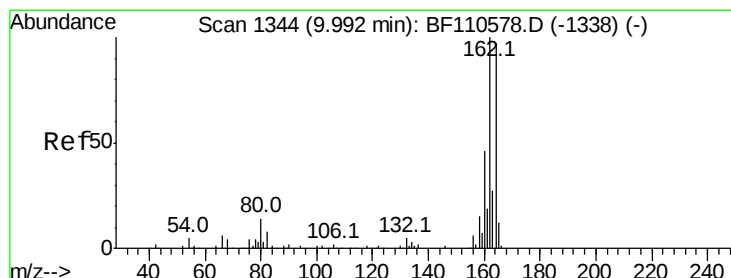
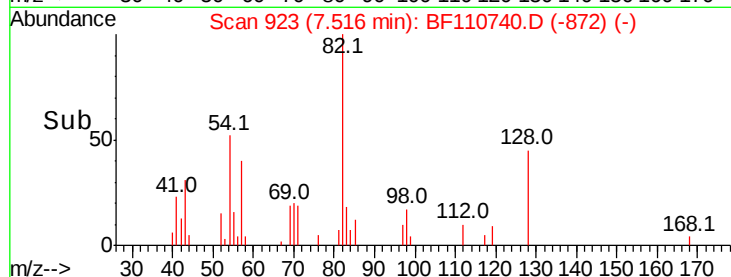
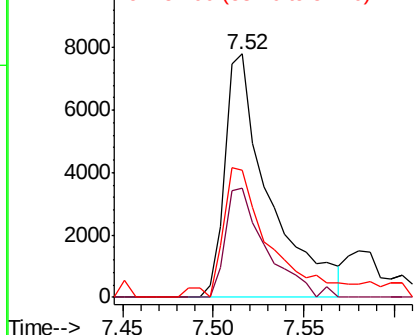
#23
 Nitrobenzene-d5
 Concen: 2.563 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF110740.D
 Acq: 14 Nov 2018 00:56

Instrument :
 BNA_F
 ClientSampleId :
 SP-TANK1-N29675

Tot Ion: 82 Resp: 13275
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.2 51.2
 54 52.2 38.6 58.0

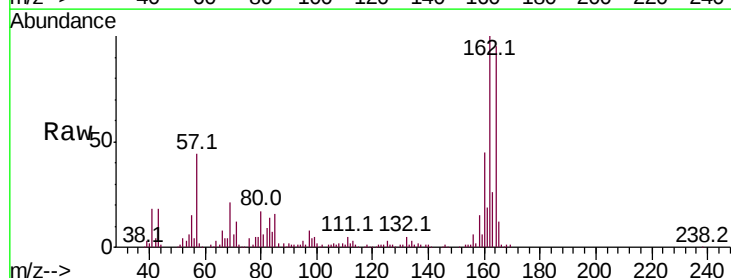


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

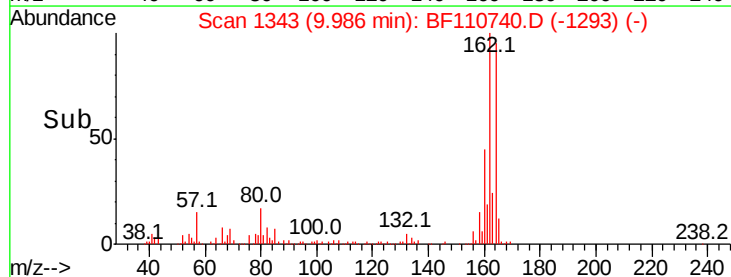
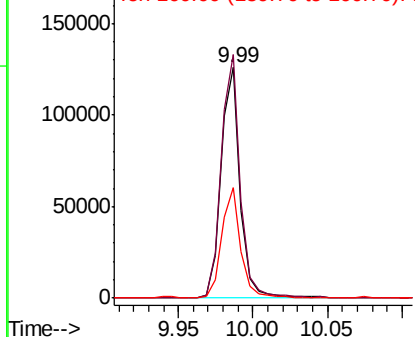


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110740.D
 Acq: 14 Nov 2018 00:56

Tgt Ion:164 Resp: 113783
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.0 124.6
 160 47.8 37.0 55.6



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

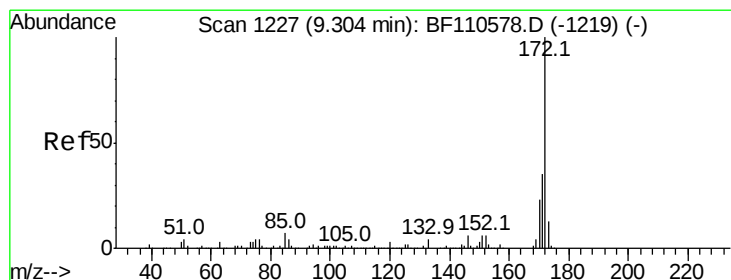
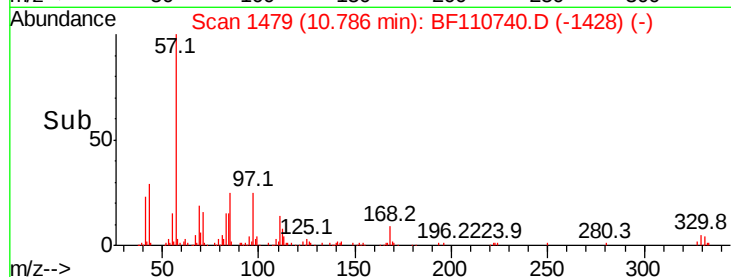
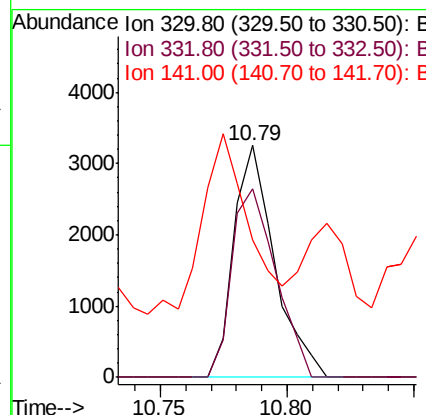
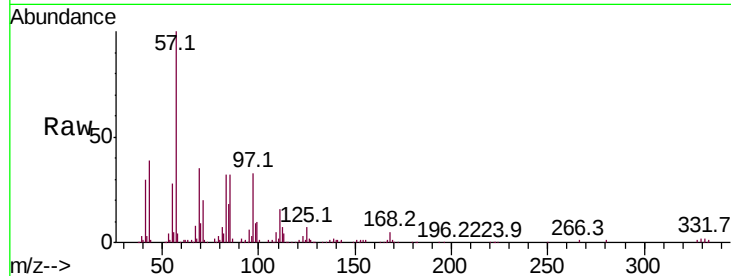




#42
 2,4,6-Tribromophenol
 Concen: 3.171 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110740.D
 Acq: 14 Nov 2018 00:56

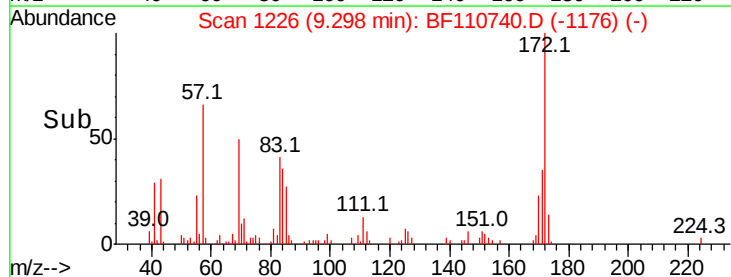
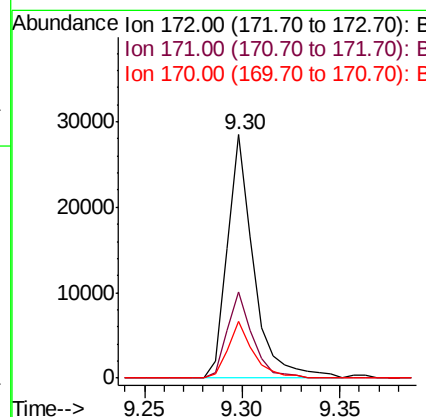
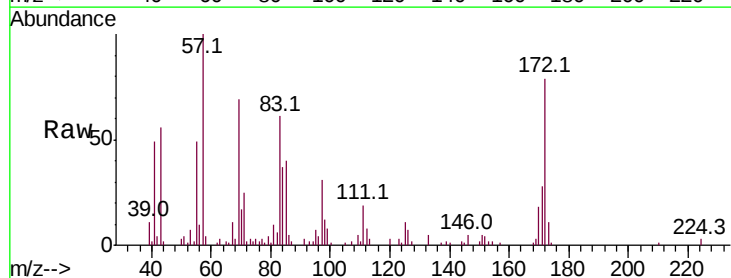
Instrument :
 BNA_F
 ClientSampleId :
 SP-TANK1-N29675

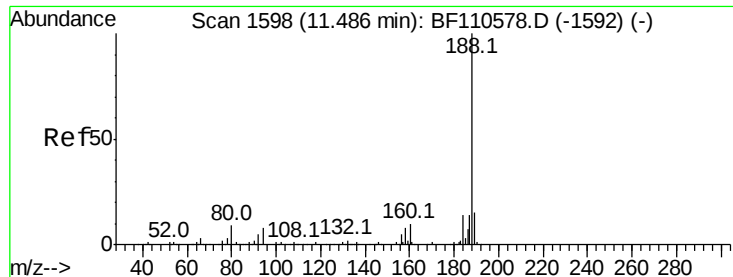
Tot Ion:330 Resp: 3635
 Ion Ratio Lower Upper
 330 100
 332 87.8 77.1 115.7
 141 88.8 27.0 40.4#



#45
 2-Fluorobiphenyl
 Concen: 3.324 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110740.D
 Acq: 14 Nov 2018 00:56

Tgt Ion:172 Resp: 26483
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.3 19.7 29.5

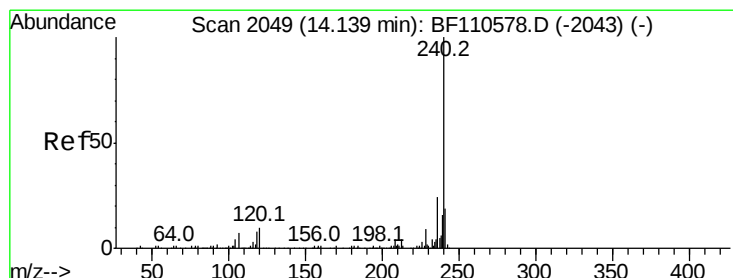
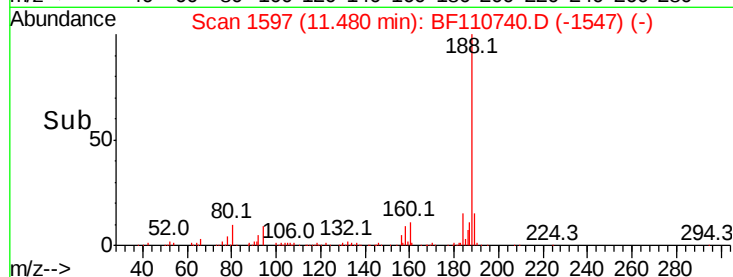
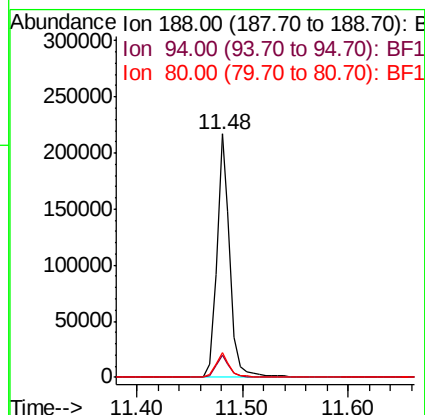
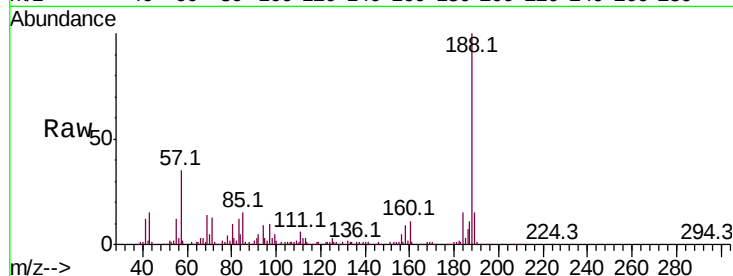




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110740.D
Acq: 14 Nov 2018 00:56

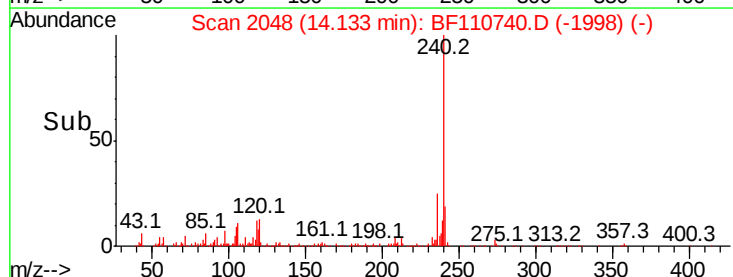
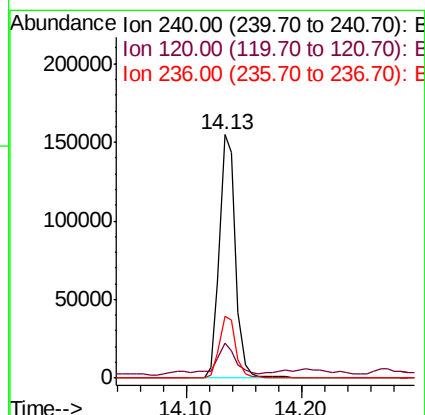
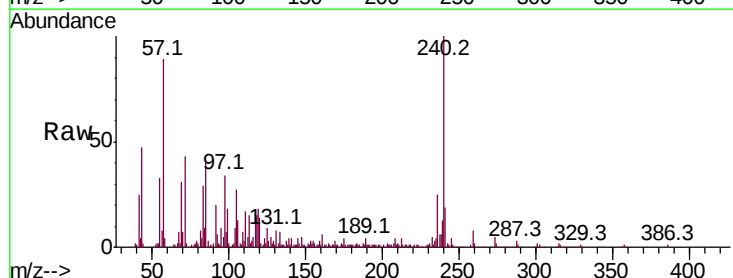
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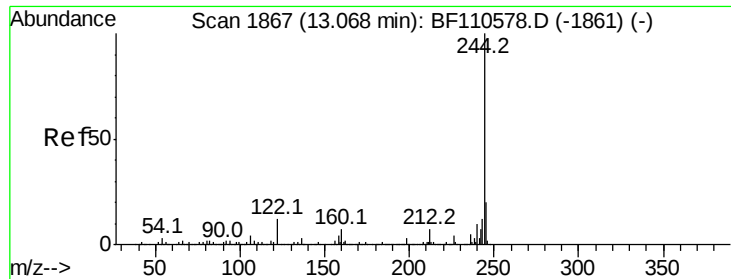
Tot Ion:188 Resp: 188498
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110740.D
Acq: 14 Nov 2018 00:56

Tgt Ion:240 Resp: 150738
Ion Ratio Lower Upper
240 100
120 14.5 8.3 12.5#
236 25.3 21.2 31.8





#79

Terphenyl-d14

Concen: 2.846 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110740.D

Acq: 14 Nov 2018 00:56

Instrument :

BNA_F

ClientSampleId :

SP-TANK1-N29675

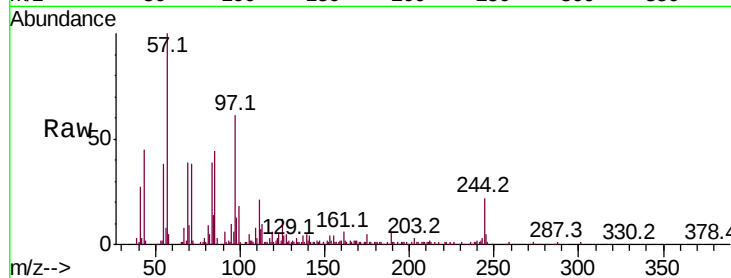
Tot Ion:244 Resp: 22911

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

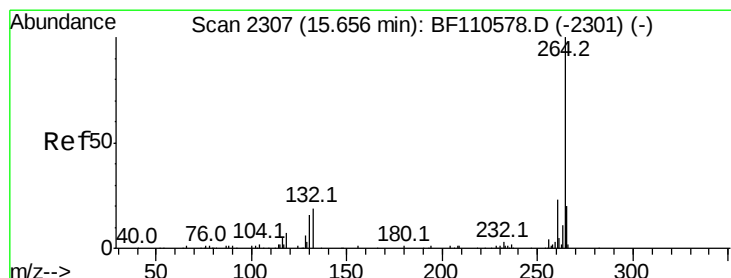
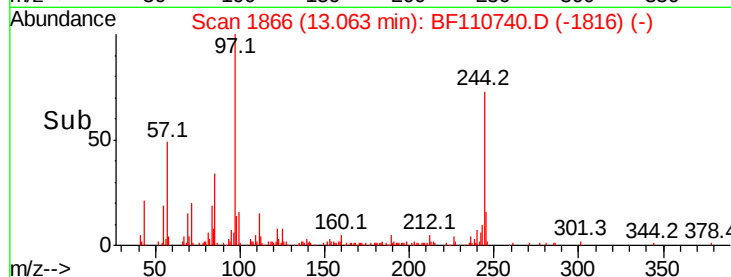
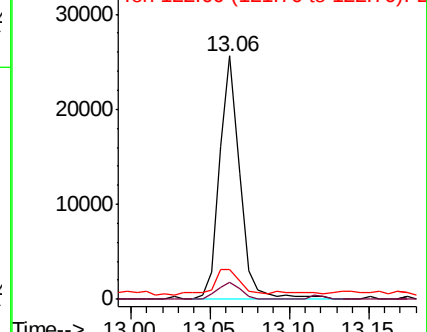
122 12.4 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110740.D

Acq: 14 Nov 2018 00:56

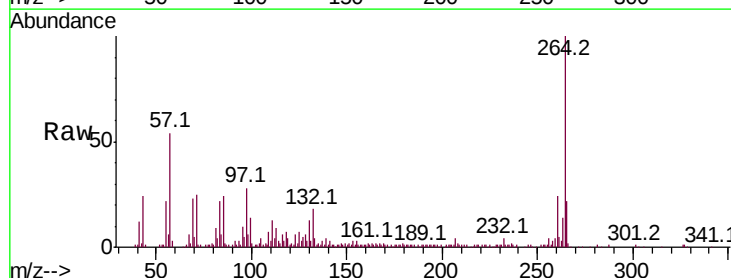
Tgt Ion:264 Resp: 104252

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.3 16.7 25.1



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

