

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102618\
 Data File : BF110208.D
 Acq On : 26 Oct 2018 14:35
 Operator : JU/SJ
 Sample : J5610-11RE 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)RE

Quant Time: Oct 26 16:23:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	137975	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	558296	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	227087	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	337882	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	257299	20.00	ng	-0.01
87) Perylene-d12	15.68	264	176069	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	80530	9.50	ng	-0.02
7) Phenol-d6	6.57	99	106219	9.80	ng	-0.03
23) Nitrobenzene-d5	7.52	82	64358	6.84	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	15218	6.77	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	122832	8.49	ng	-0.02
79) Terphenyl-d14	13.08	244	81979	6.63	ng	-0.02

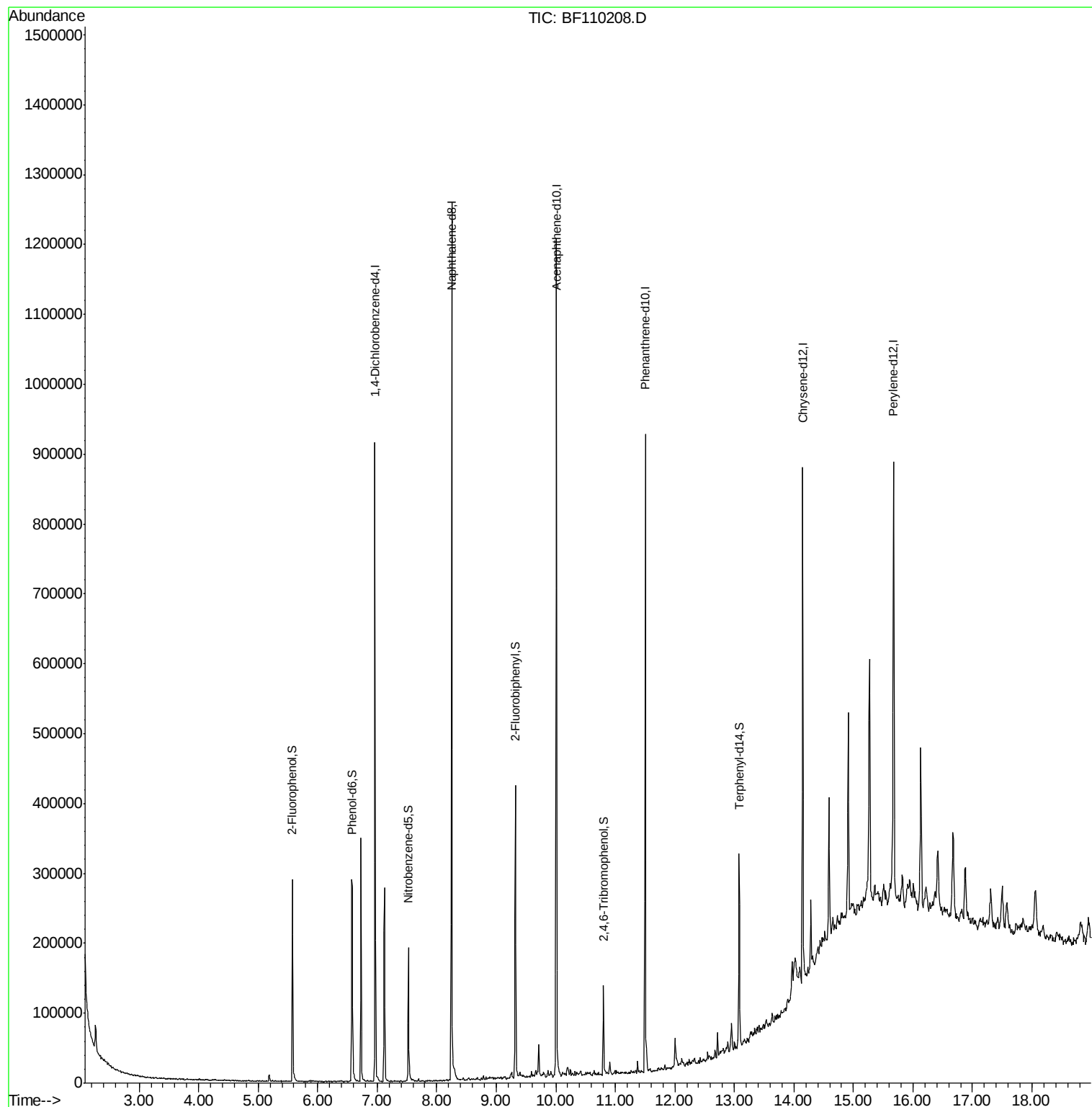
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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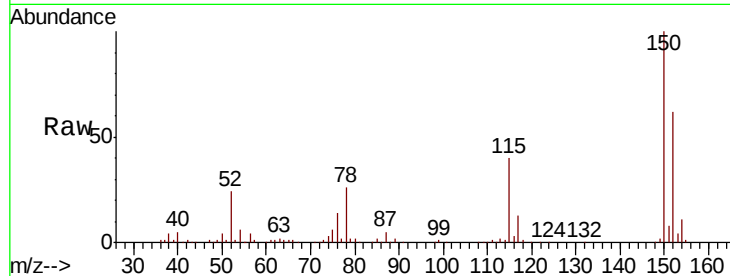


#1

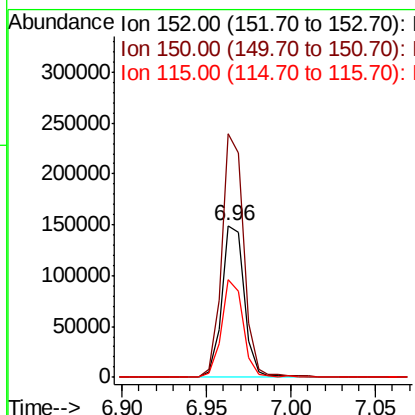
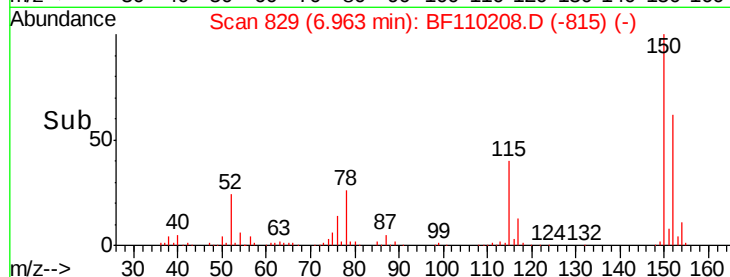
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110208.D
Acq: 26 Oct 2018 14:35

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)RE

Tgt Ion:152 Resp: 137975
Ion Ratio Lower Upper
152 100
150 160.7 122.7 184.1
115 64.8 49.1 73.7



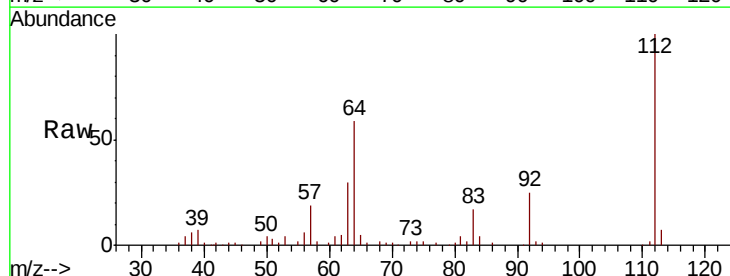
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



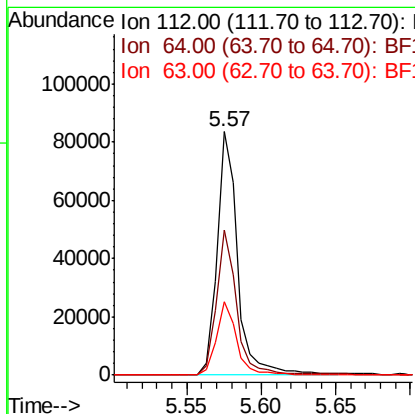
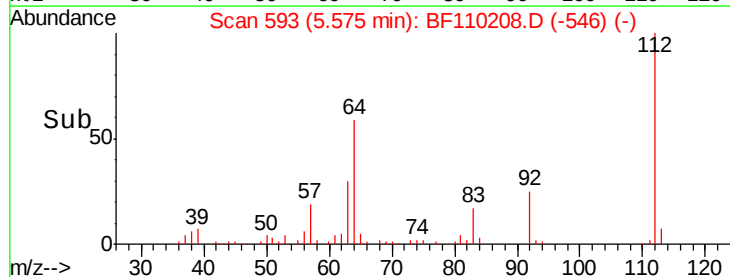
#5

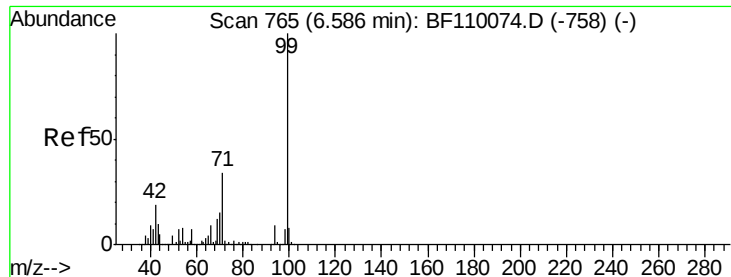
2-Fluorophenol
Concen: 9.505 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF110208.D
Acq: 26 Oct 2018 14:35

Tgt Ion:112 Resp: 80530
Ion Ratio Lower Upper
112 100
64 59.4 44.1 66.1
63 30.2 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: 9.801 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF110208.D

Acq: 26 Oct 2018 14:35

Instrument :

BNA_F

ClientSampleId :

SB-7(0-2)RE

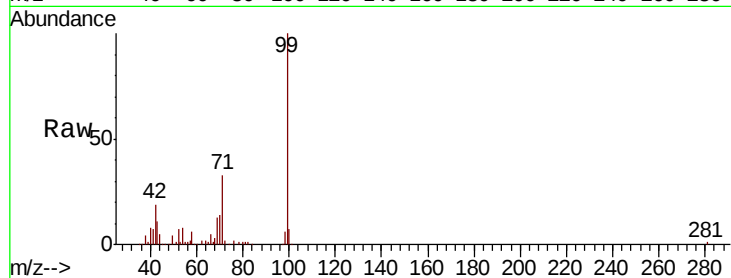
Tgt Ion: 99 Resp: 106219

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

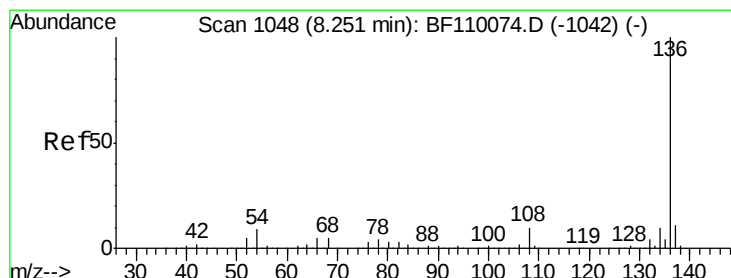
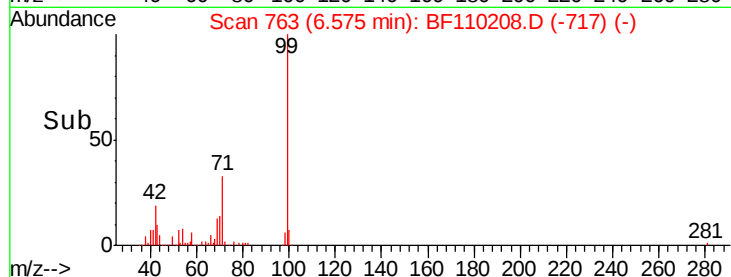
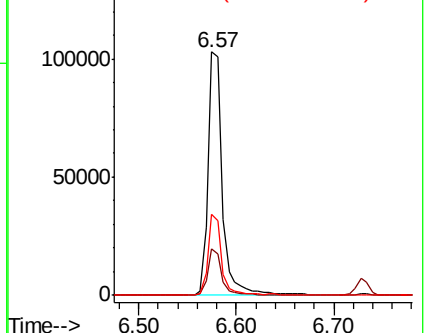
71 33.2 28.0 42.0



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110208.D

Acq: 26 Oct 2018 14:35

Tgt Ion: 136 Resp: 558296

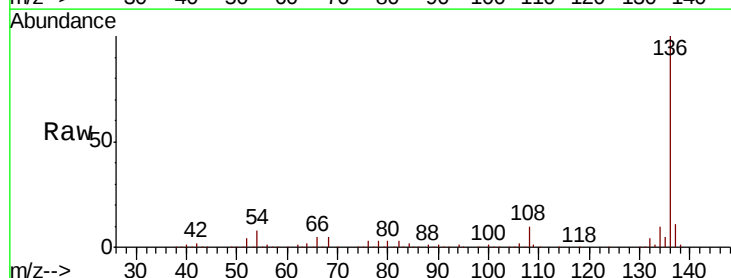
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 5.4 8.2

68 5.1 4.2 6.2

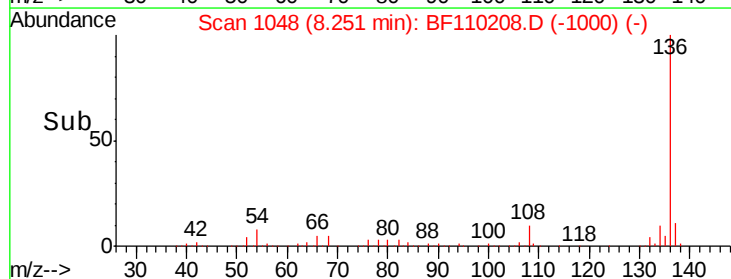
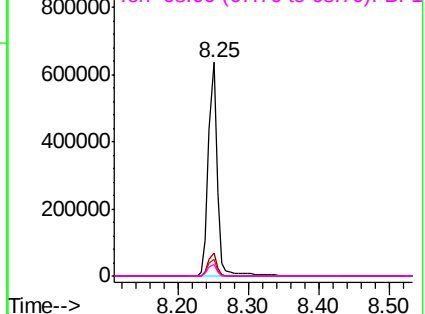


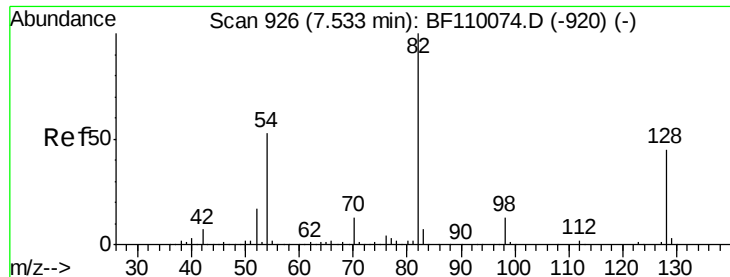
Abundance Ion 136.00 (135.70 to 136.70): E

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

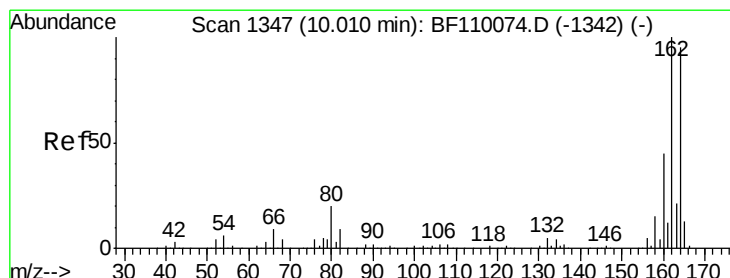
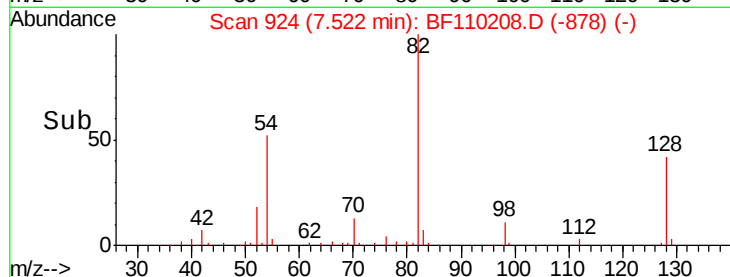
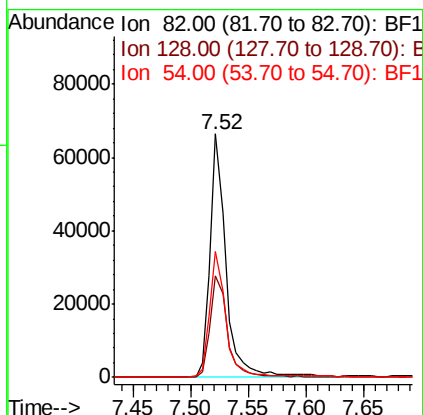
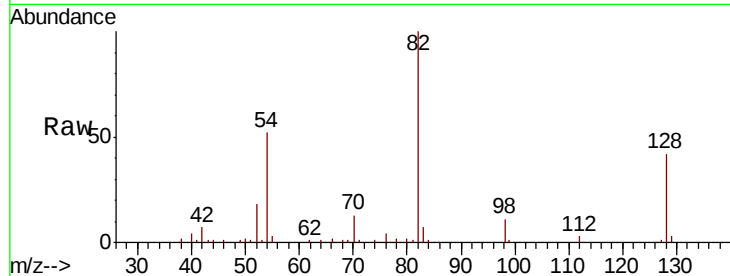




#23
Nitrobenzene-d5
Concen: 6.837 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110208.D
Acq: 26 Oct 2018 14:35

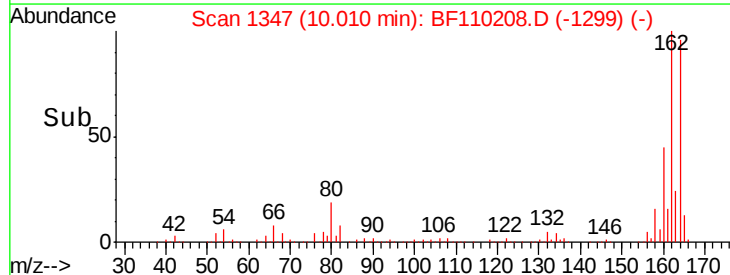
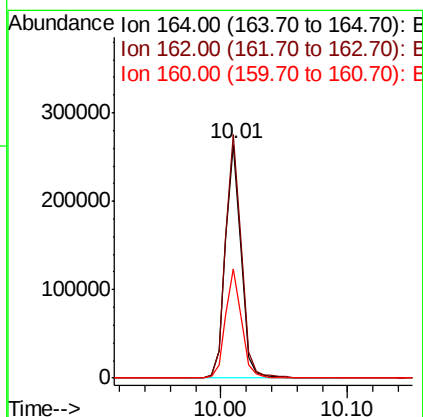
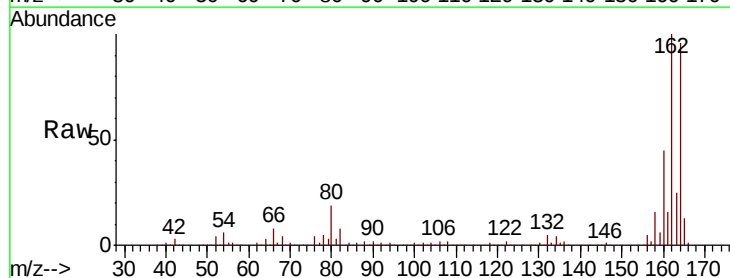
Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)RE

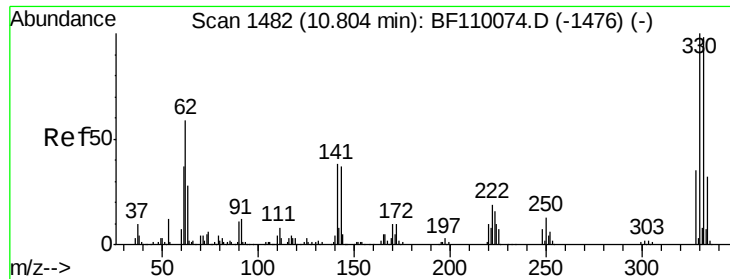
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.2	51.2
54	51.9	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110208.D
Acq: 26 Oct 2018 14:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	47.0	37.0	55.6

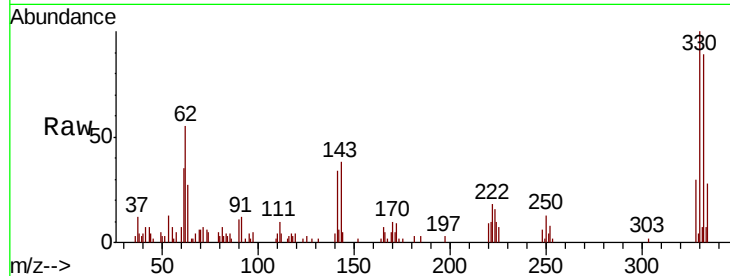




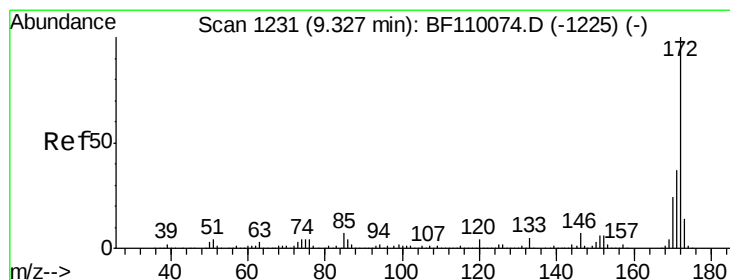
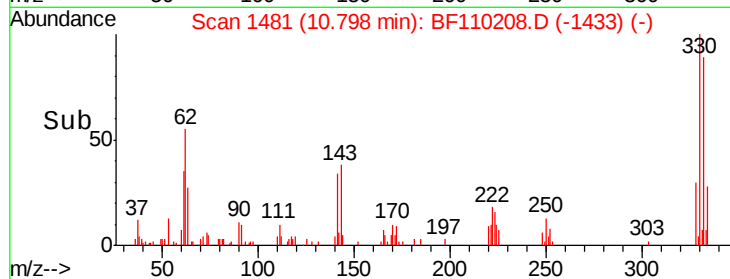
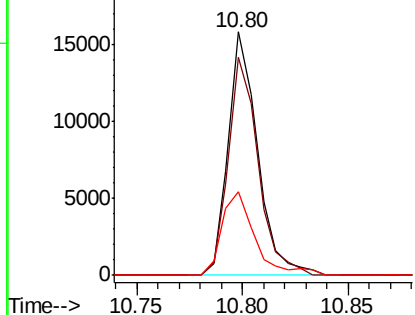
#42
 2,4,6-Tribromophenol
 Concen: 6.765 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110208.D
 Acq: 26 Oct 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)RE

Tgt Ion:330 Resp: 15218
 Ion Ratio Lower Upper
 330 100
 332 91.2 77.1 115.7
 141 38.9 27.0 40.4

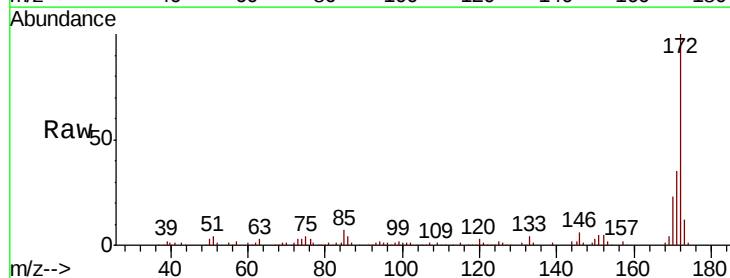


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

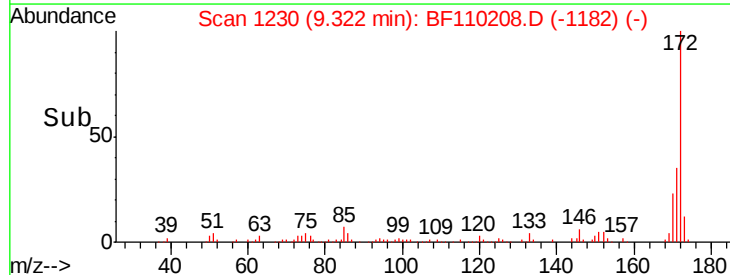
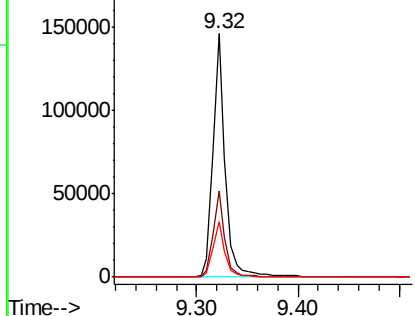


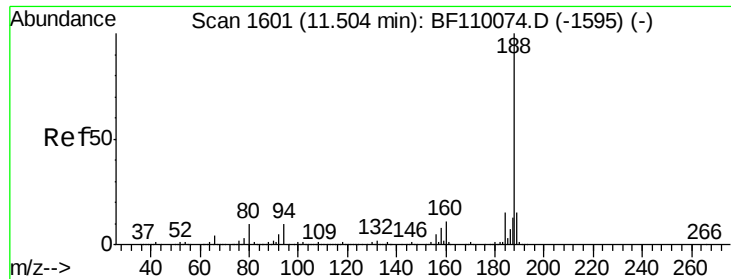
#45
 2-Fluorobiphenyl
 Concen: 8.494 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110208.D
 Acq: 26 Oct 2018 14:35

Tgt Ion:172 Resp: 122832
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 22.5 19.7 29.5



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

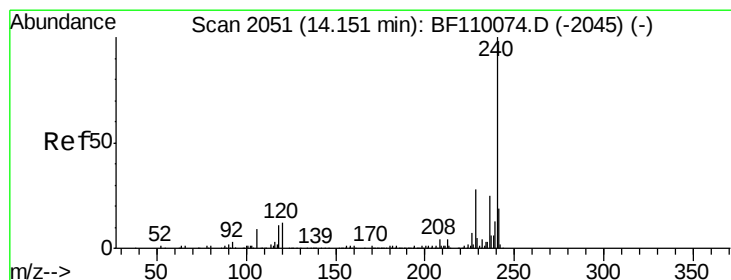
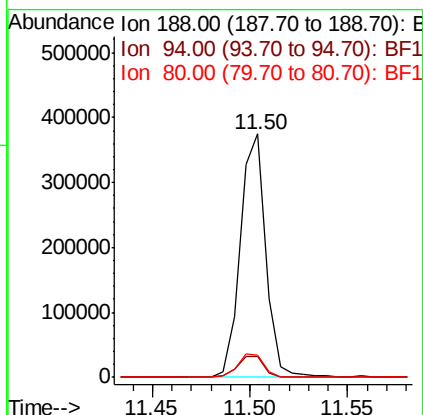
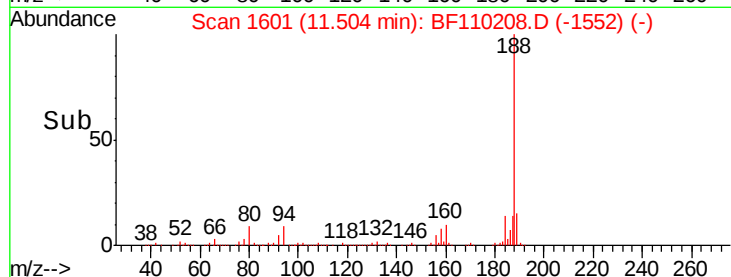
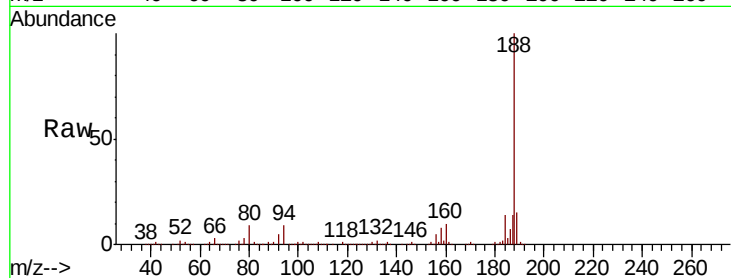




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110208.D
Acq: 26 Oct 2018 14:35

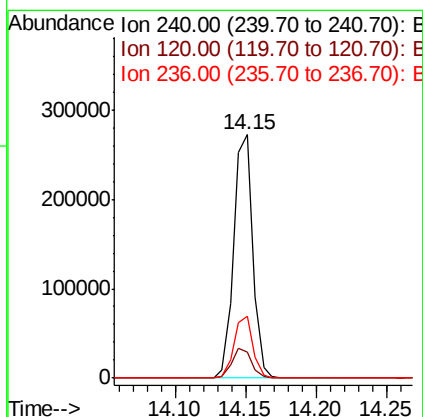
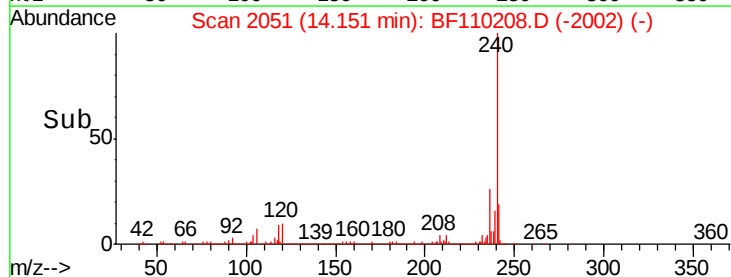
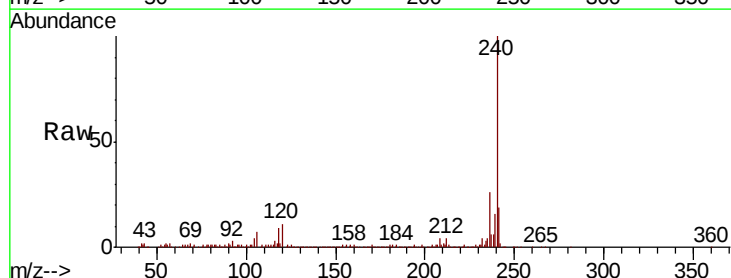
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ClientSampleId :
SB-7(0-2)RE

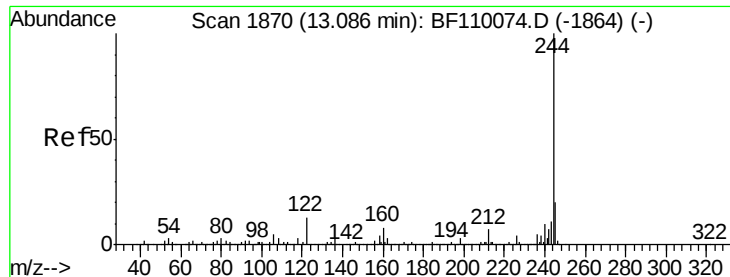
Tgt Ion:188 Resp: 337882
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110208.D
Acq: 26 Oct 2018 14:35

Tgt Ion:240 Resp: 257299
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 25.7 21.2 31.8





#79

Terphenyl-d14

Concen: 6.626 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BF110208.D

Acq: 26 Oct 2018 14:35

Instrument :

BNA_F

ClientSampleId :

SB-7(0-2)RE

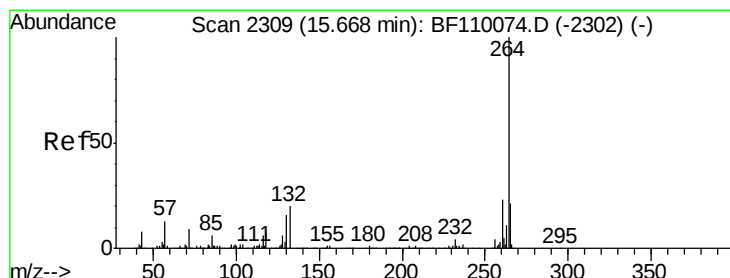
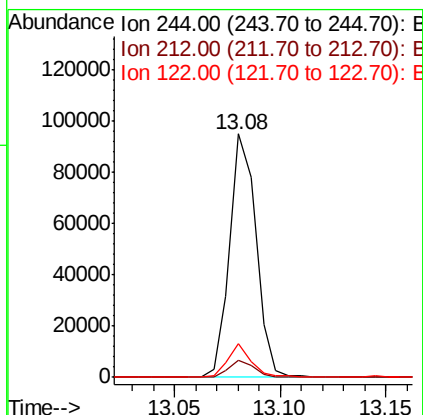
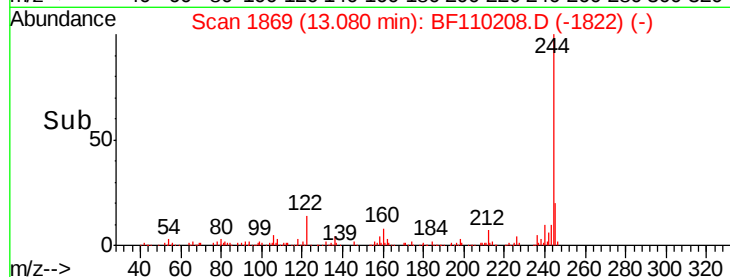
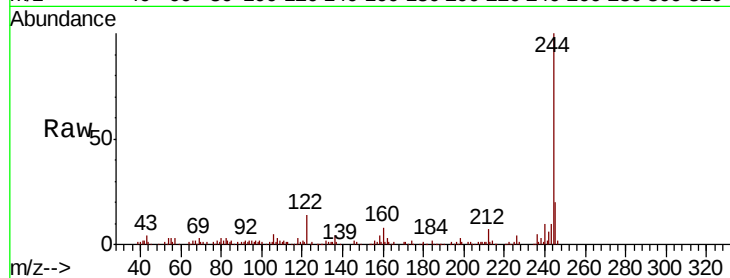
Tgt Ion:244 Resp: 81979

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 13.7 8.7 13.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110208.D

Acq: 26 Oct 2018 14:35

Tgt Ion:264 Resp: 176069

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 21.1 16.7 25.1

