

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110964.D
 Acq On : 26 Nov 2018 15:26
 Operator : JU/SJ
 Sample : PB115043BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115043BL

Quant Time: Nov 26 15:56:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	69666	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	288420	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	141037	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	285713	20.00	ng	0.00
76) Chrysene-d12	14.13	240	224341	20.00	ng	0.00
87) Perylene-d12	15.67	264	155054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	568451	135.31	ng	0.02
7) Phenol-d6	6.57	99	716892	130.95	ng	0.00
23) Nitrobenzene-d5	7.50	82	462697	91.81	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	193743	138.32	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	880687	90.47	ng	0.00
79) Terphenyl-d14	13.06	244	967975	83.99	ng	0.00

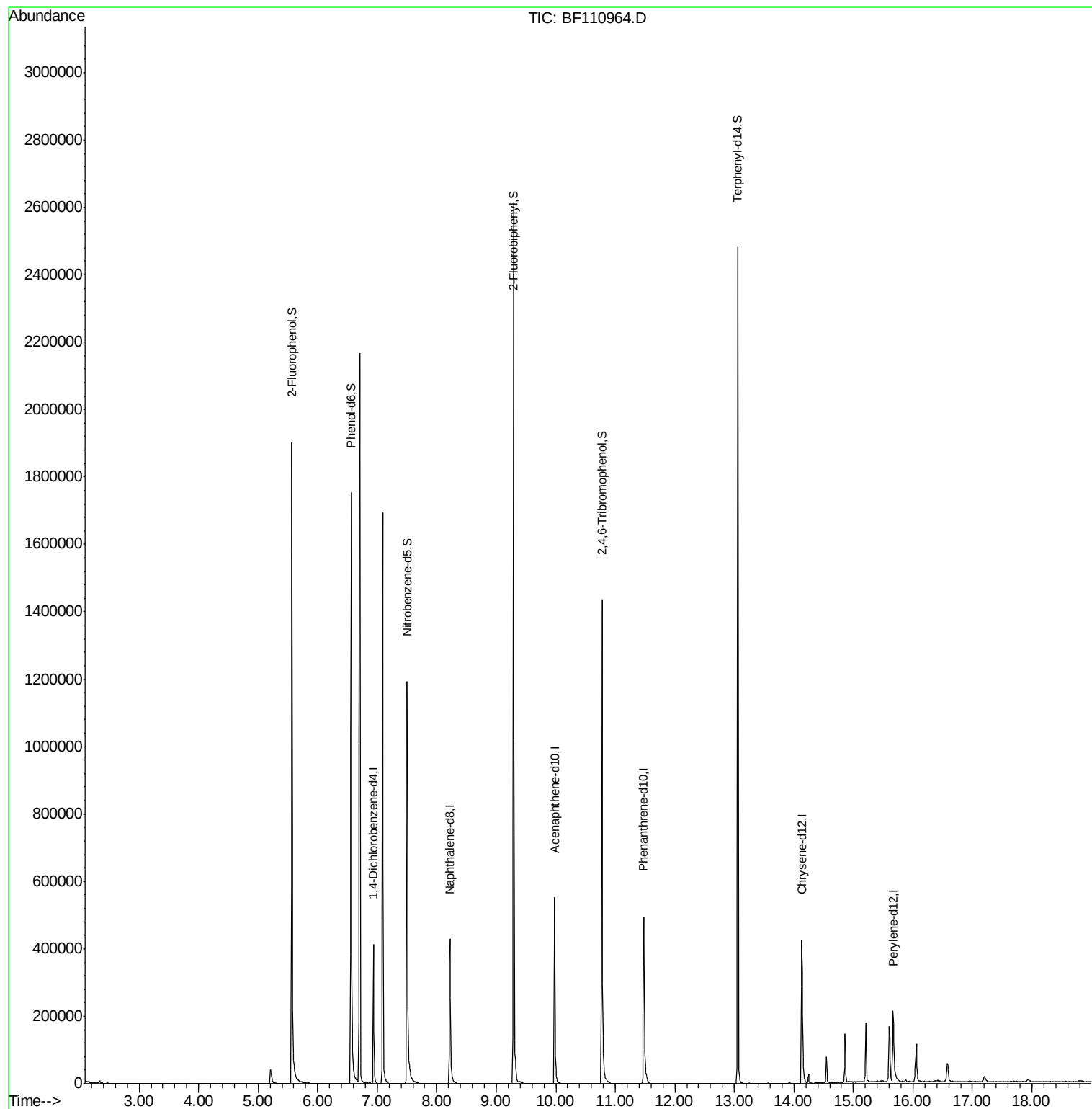
Target Compounds Qvalue

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

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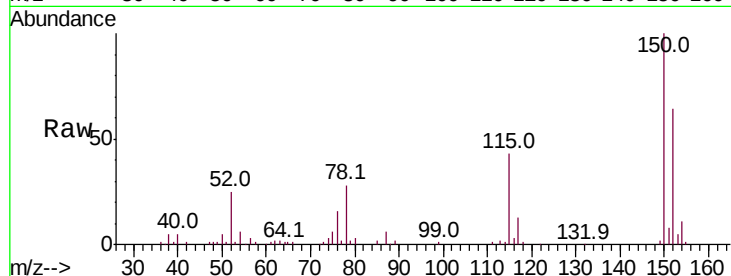


#1

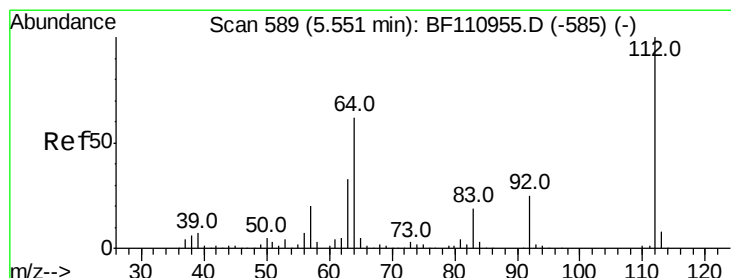
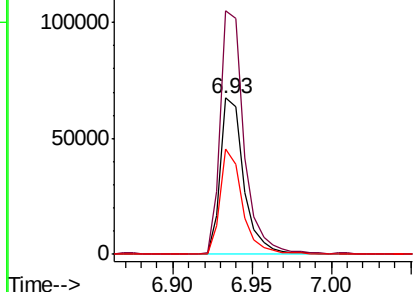
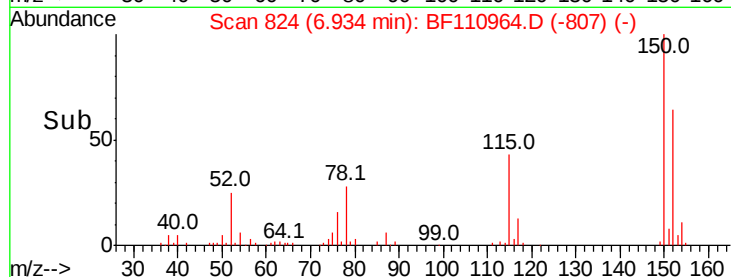
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF110964.D
Acq: 26 Nov 2018 15:26

Instrument :
BNA_F
ClientSampleId :
PB115043BL

Tot Ion:152 Resp: 69666
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 67.3 49.1 73.7



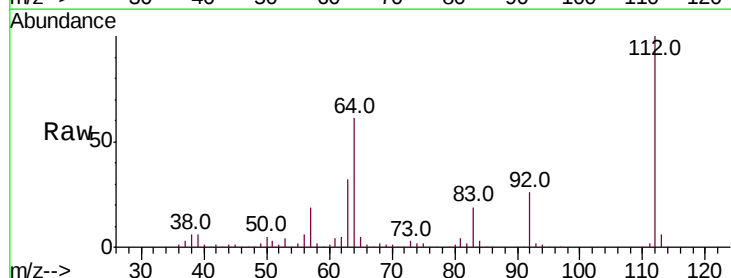
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



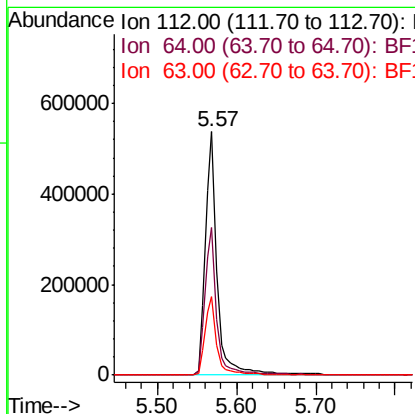
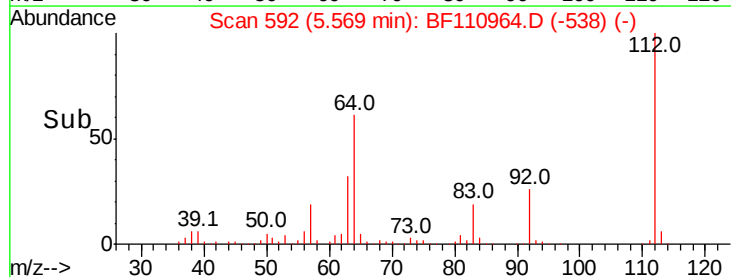
#5

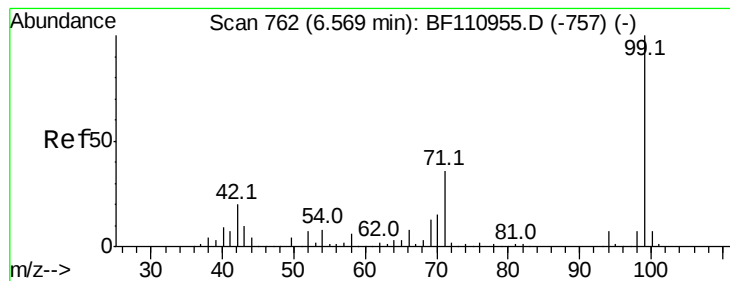
2-Fluorophenol
Concen: 135.313 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.02 min
Lab File: BF110964.D
Acq: 26 Nov 2018 15:26

Tgt Ion:112 Resp: 568451
Ion Ratio Lower Upper
112 100
64 60.7 44.1 66.1
63 32.3 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: 130.948 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

Instrument :

BNA_F

ClientSampleId :

PB115043BL

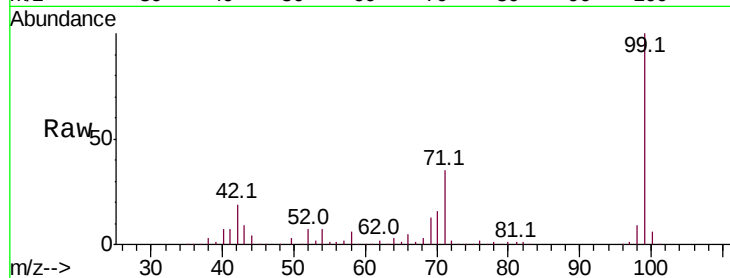
Tot Ion: 99 Resp: 716892

Ion Ratio Lower Upper

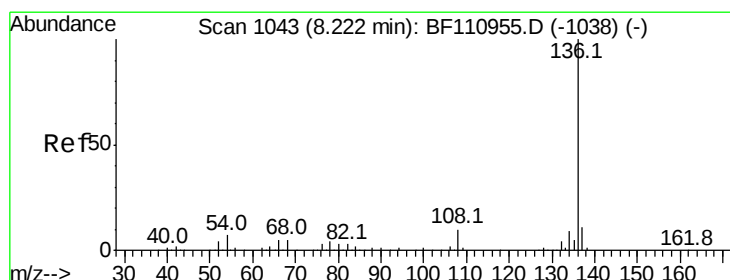
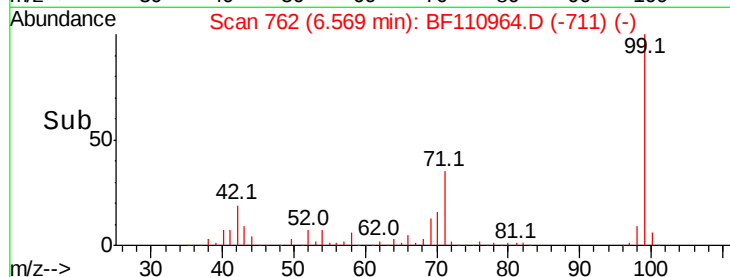
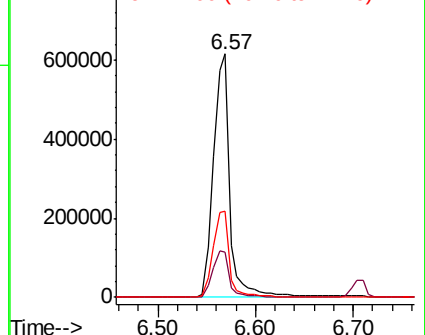
99 100

42 18.7 15.8 23.6

71 35.4 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: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

Tgt Ion: 136 Resp: 288420

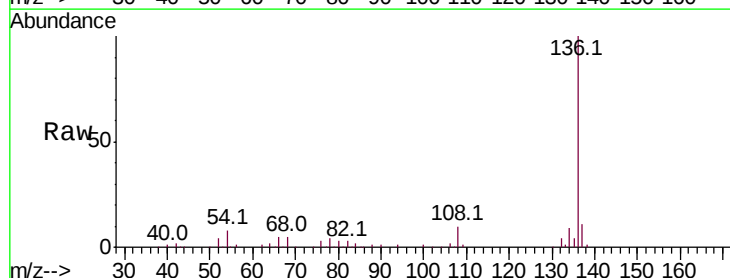
Ion Ratio Lower Upper

136 100

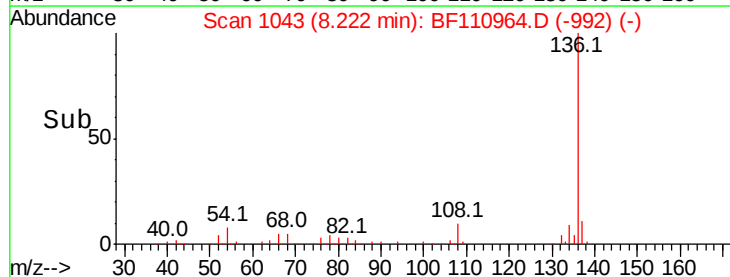
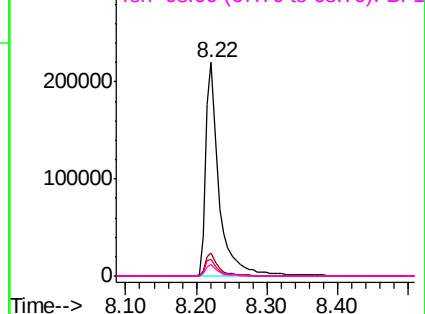
137 10.8 8.8 13.2

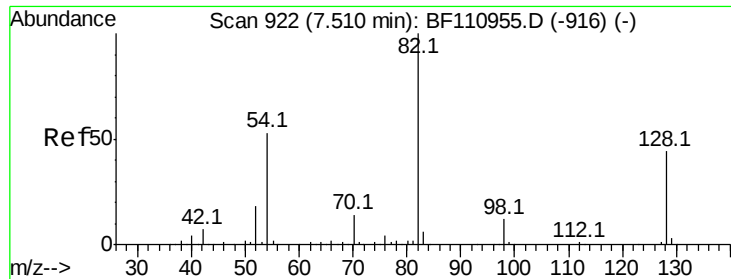
54 7.5 5.4 8.2

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

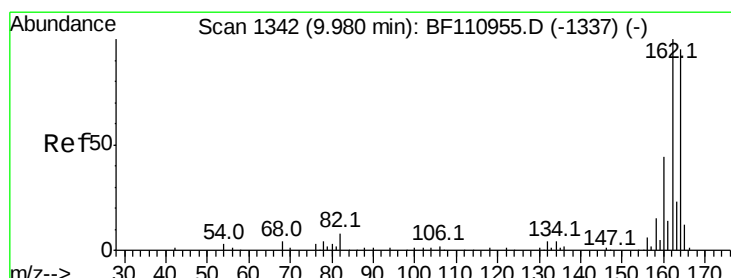
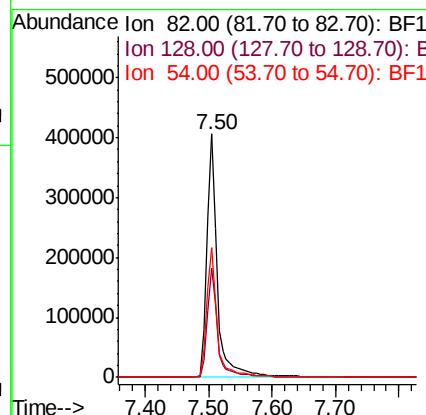
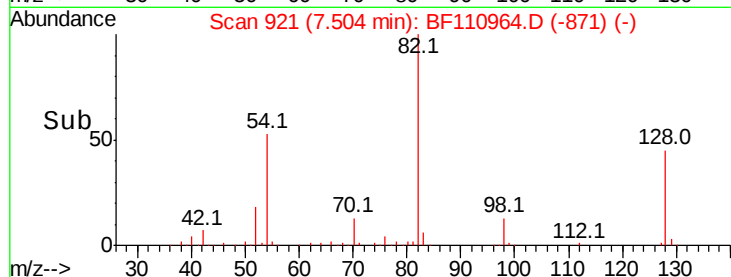
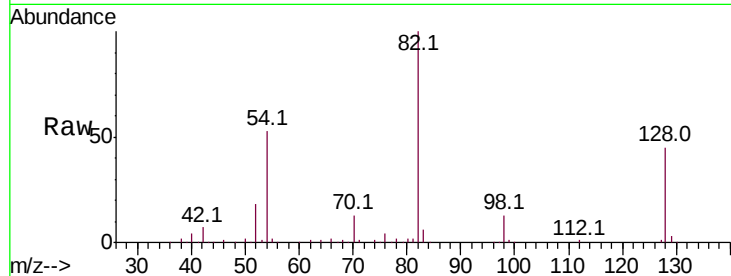




#23
Nitrobenzene-d5
Concen: 91.812 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110964.D
Acq: 26 Nov 2018 15:26

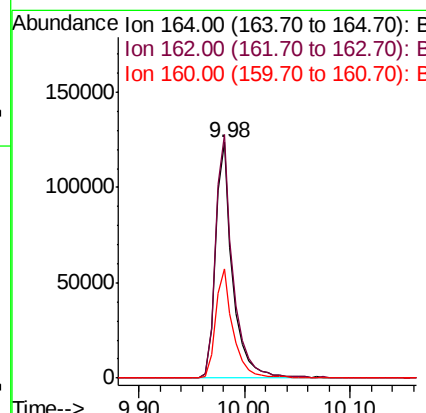
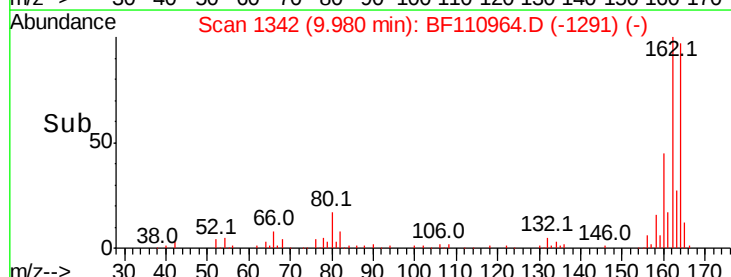
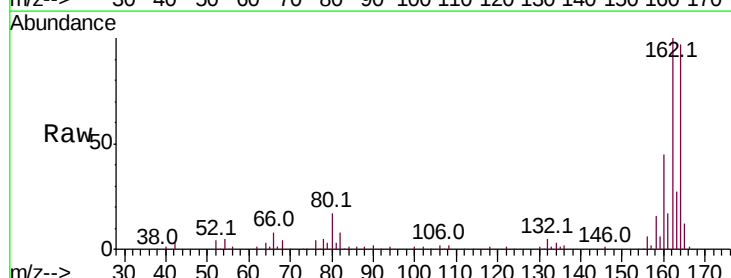
Instrument :
BNA_F
ClientSampleId :
PB115043BL

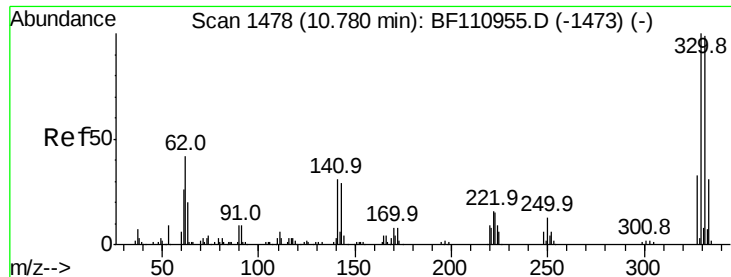
Tot Ion: 82 Resp: 462697
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.2
54 53.1 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110964.D
Acq: 26 Nov 2018 15:26

Tgt Ion:164 Resp: 141037
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.6
160 46.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 138.320 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

Instrument :

BNA_F

ClientSampleId :

PB115043BL

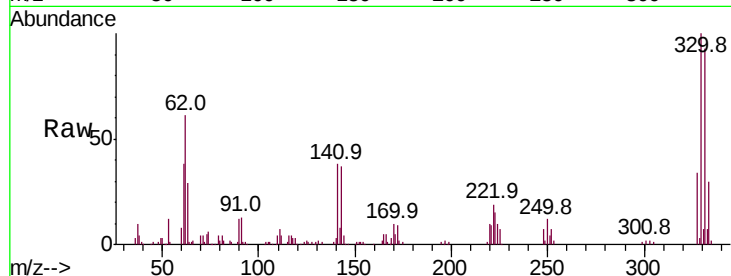
Tot Ion:330 Resp: 193743

Ion Ratio Lower Upper

330 100

332 93.8 77.1 115.7

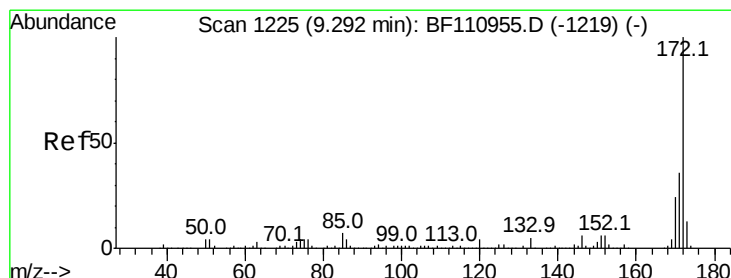
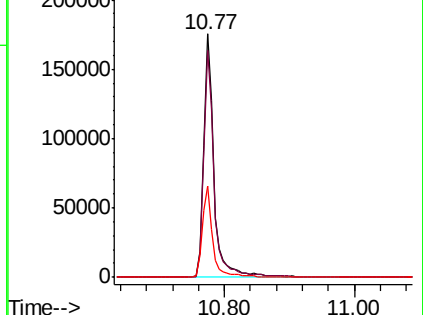
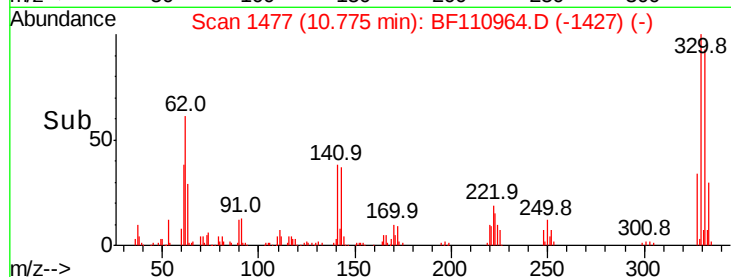
141 37.4 27.0 40.4



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: 90.467 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

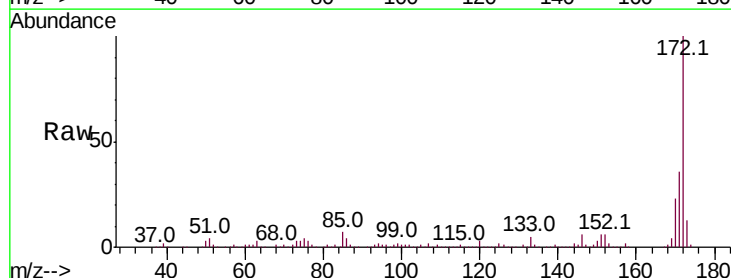
Tgt Ion:172 Resp: 880687

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

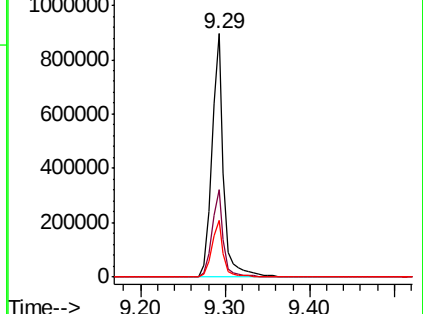
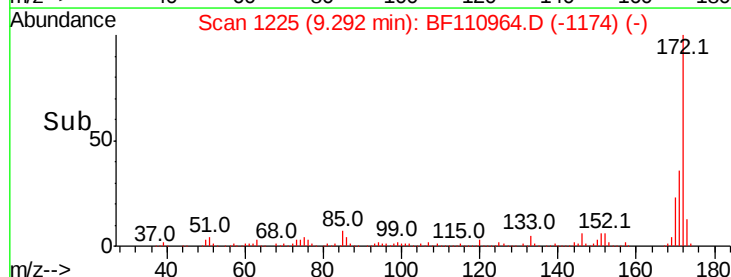
170 23.4 19.7 29.5

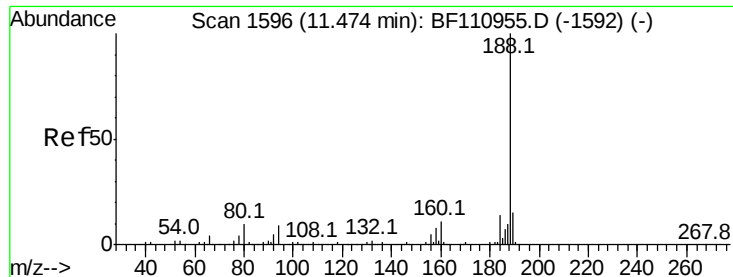


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

Instrument :

BNA_F

ClientSampleId :

PB115043BL

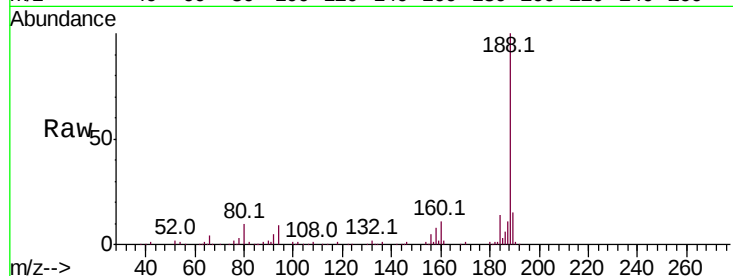
Tot Ion:188 Resp: 285713

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

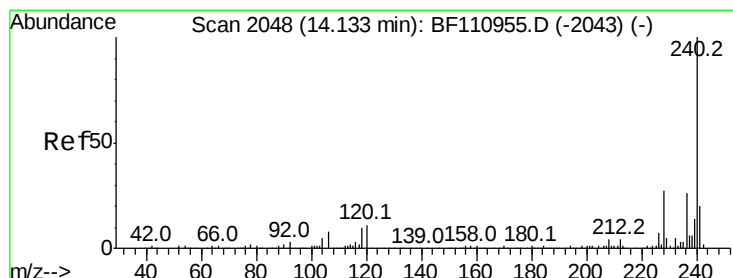
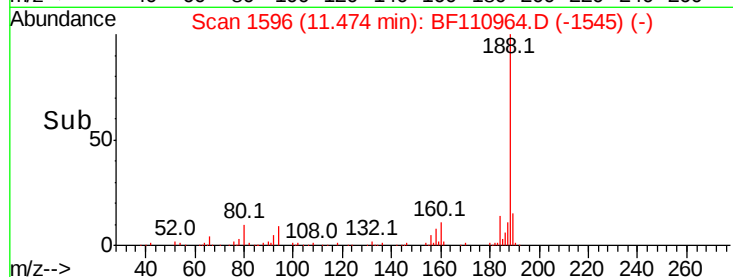
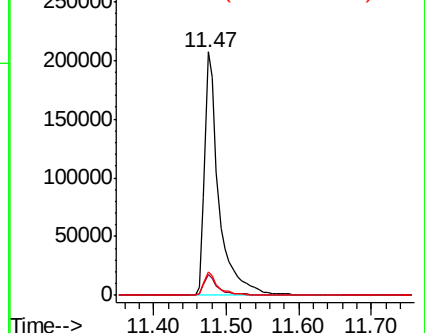
80 9.6 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

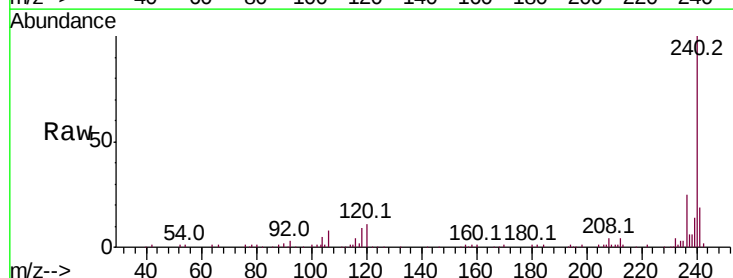
Tgt Ion:240 Resp: 224341

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

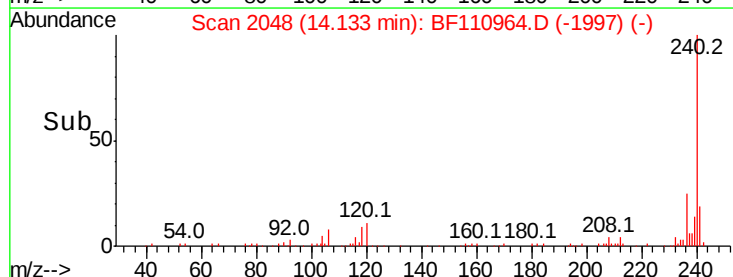
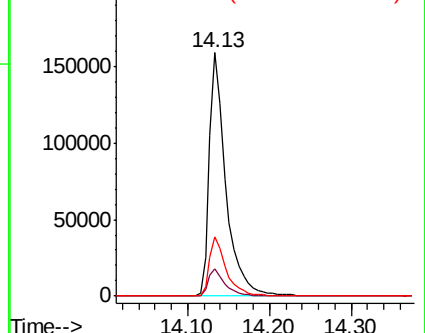
236 24.6 21.2 31.8

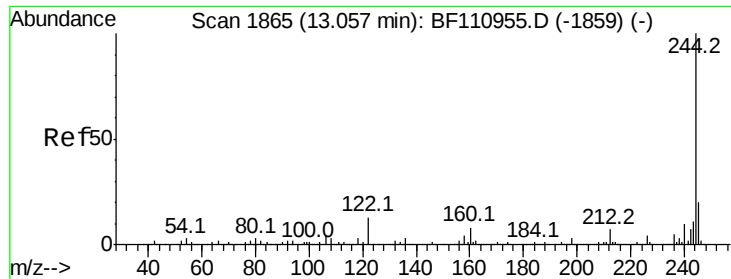


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.993 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF110964.D

Acq: 26 Nov 2018 15:26

Instrument :

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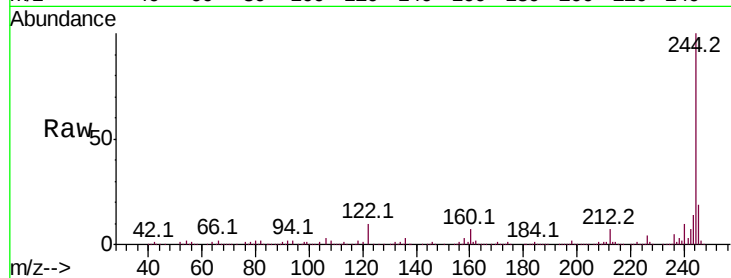
Tot Ion:244 Resp: 967975

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

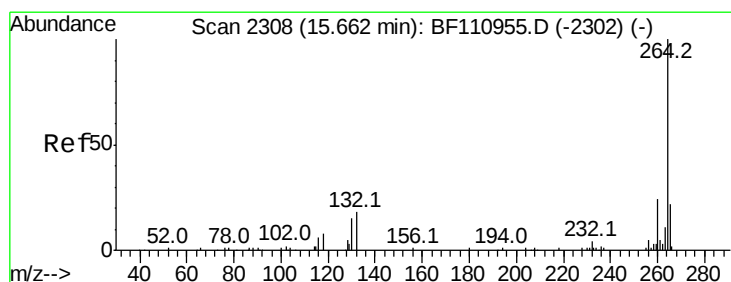
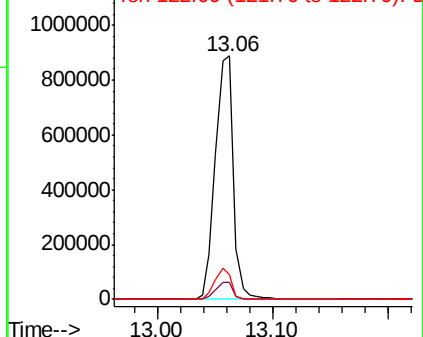
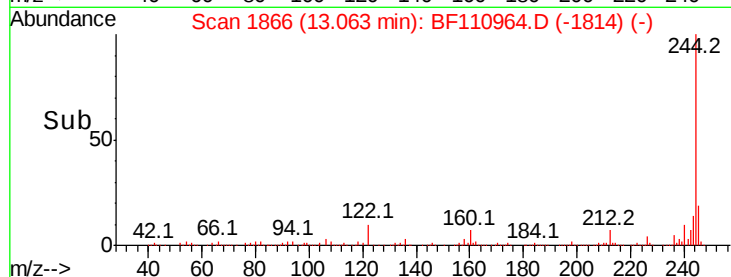
122 10.2 8.7 13.1



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: BF110964.D

Acq: 26 Nov 2018 15:26

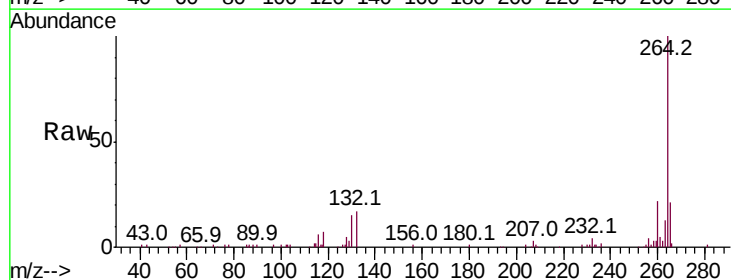
Tgt Ion:264 Resp: 155054

Ion Ratio Lower Upper

264 100

260 22.1 18.7 28.1

265 21.1 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

