

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110613.D
 Acq On : 9 Nov 2018 4:59
 Operator : JU/SJ
 Sample : PB114627BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BL

Quant Time: Nov 09 13:52:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75722	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	311719	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	129996	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	199698	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	160848	20.00	ng	-0.01
87) Perylene-d12	15.65	264	128593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	449101	96.34	ng	0.00
7) Phenol-d6	6.57	99	547744	91.88	ng	0.00
23) Nitrobenzene-d5	7.51	82	499712	92.32	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	89107	68.03	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	926367	101.77	ng	0.00
79) Terphenyl-d14	13.06	244	578099	67.31	ng	0.00

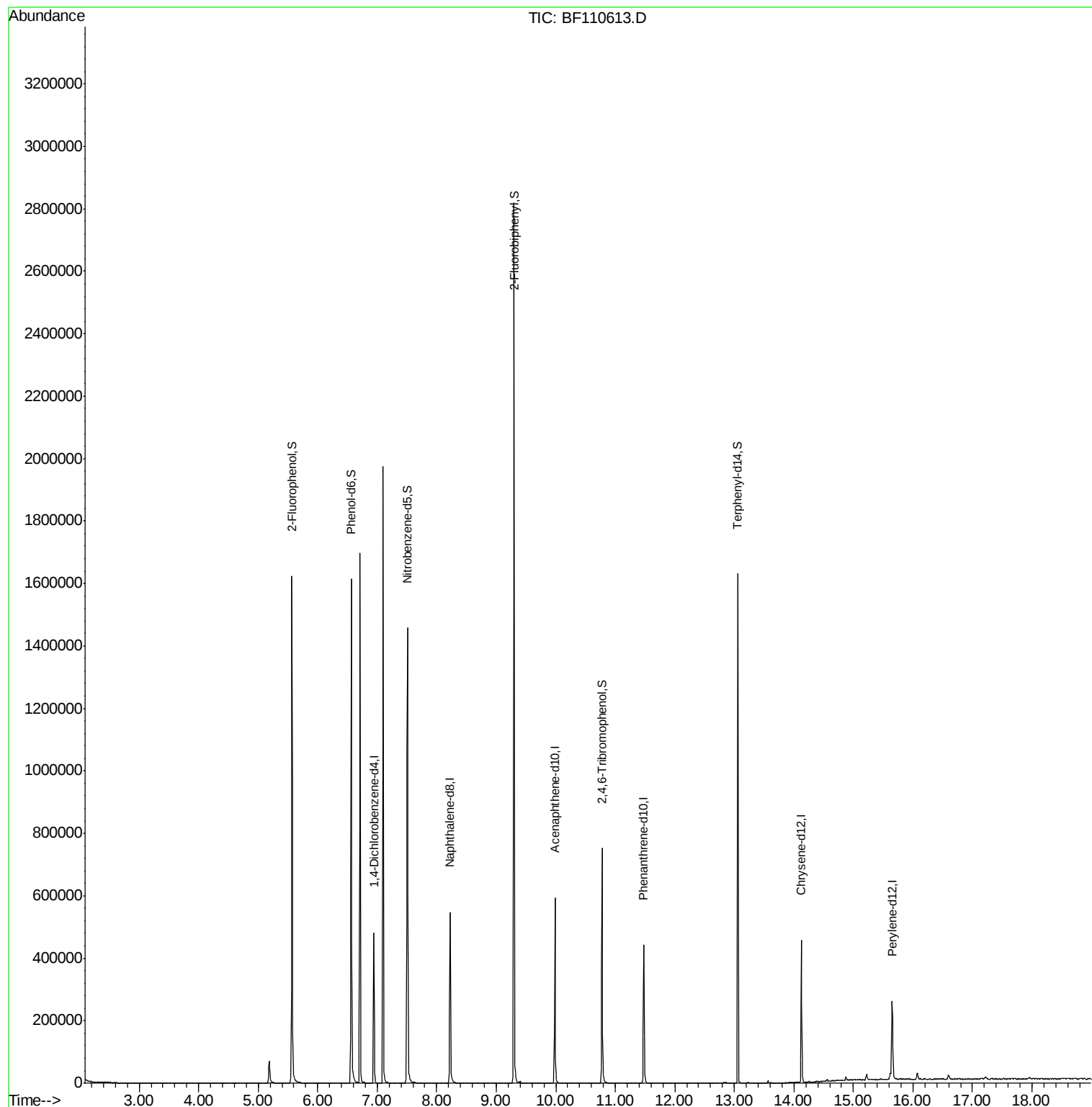
Target Compounds Qvalue

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

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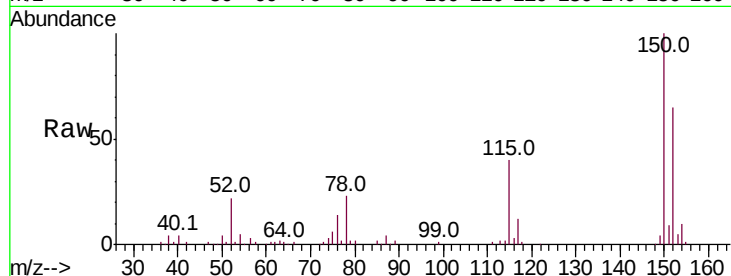


#1

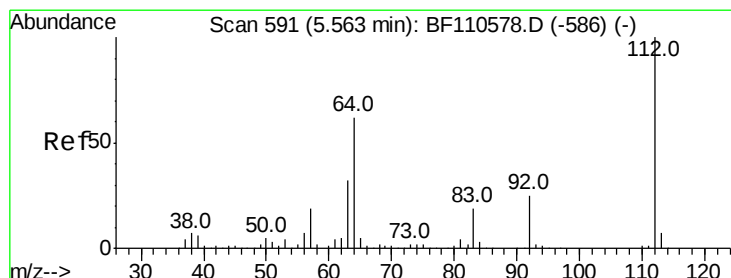
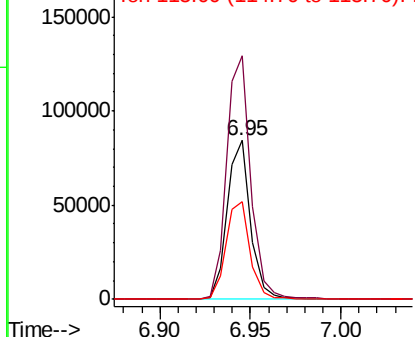
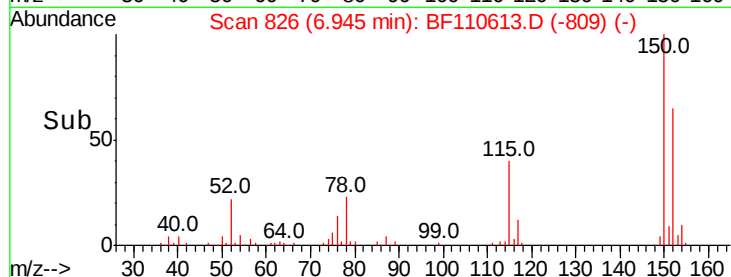
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110613.D
 Acq: 9 Nov 2018 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BL

Tot Ion:152 Resp: 75722
 Ion Ratio Lower Upper
 152 100
 150 153.2 122.7 184.1
 115 61.5 49.1 73.7



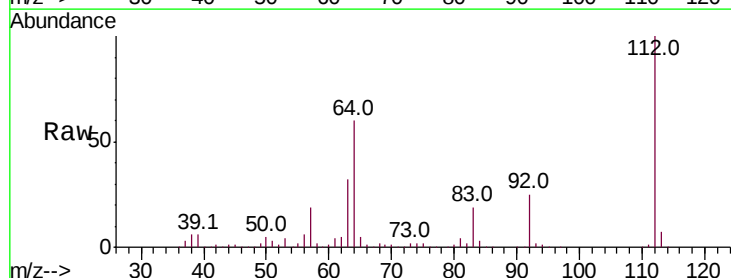
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



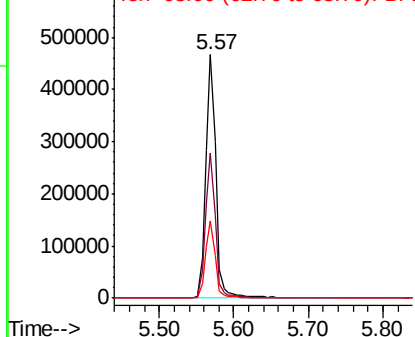
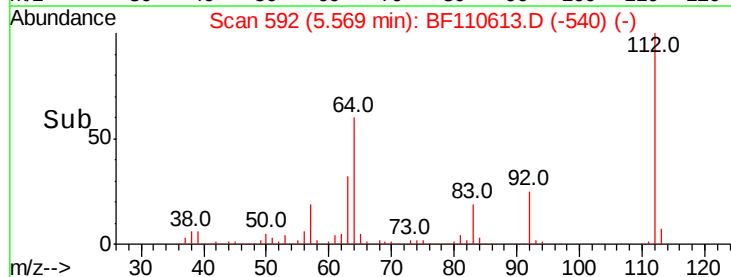
#5

2-Fluorophenol
 Concen: 96.337 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110613.D
 Acq: 9 Nov 2018 4:59

Tgt Ion:112 Resp: 449101
 Ion Ratio Lower Upper
 112 100
 64 59.5 44.1 66.1
 63 31.6 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: 91.883 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110613.D

Acq: 9 Nov 2018 4:59

Instrument :

BNA_F

ClientSampleId :

PB114627BL

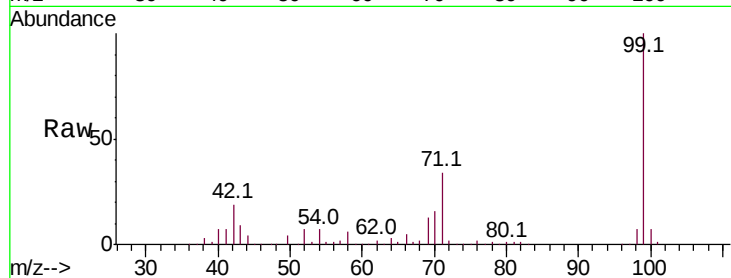
Tot Ion: 99 Resp: 547744

Ion Ratio Lower Upper

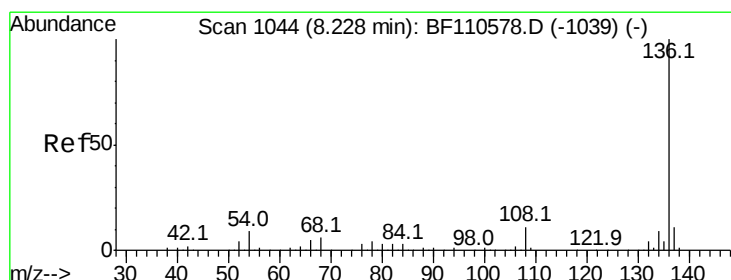
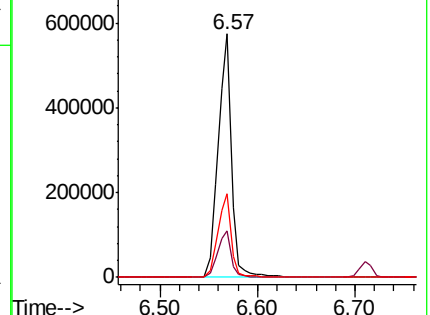
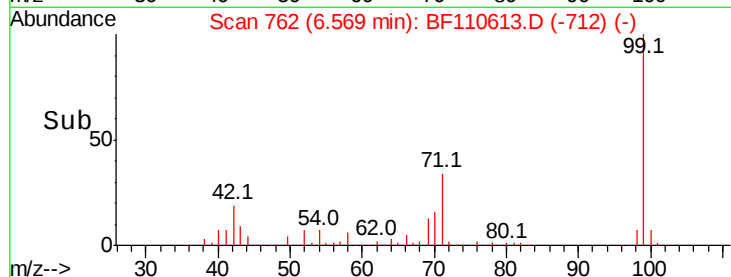
99 100

42 18.9 15.8 23.6

71 34.3 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: BF110613.D

Acq: 9 Nov 2018 4:59

Tgt Ion: 136 Resp: 311719

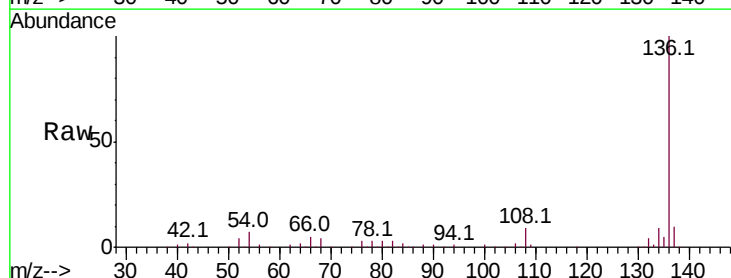
Ion Ratio Lower Upper

136 100

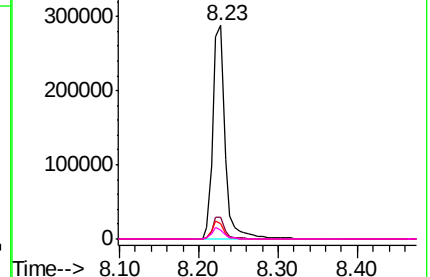
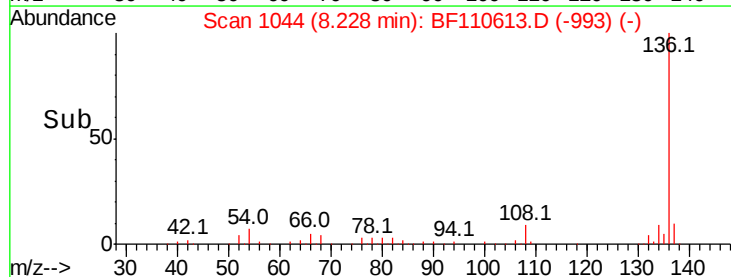
137 10.0 8.8 13.2

54 7.2 5.4 8.2

68 4.4 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

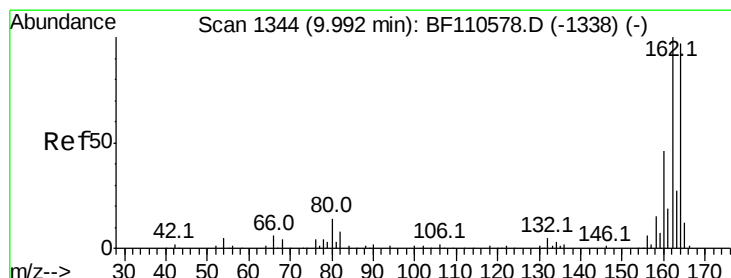
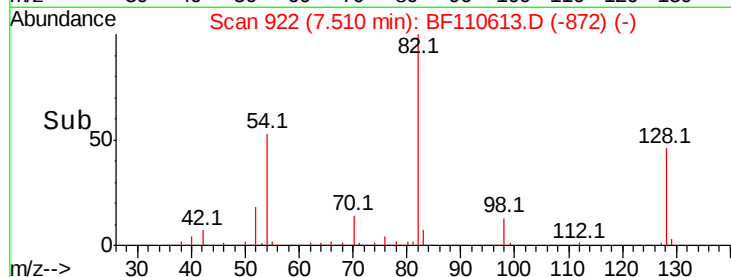
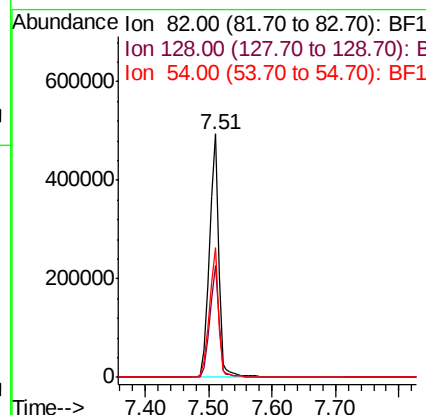
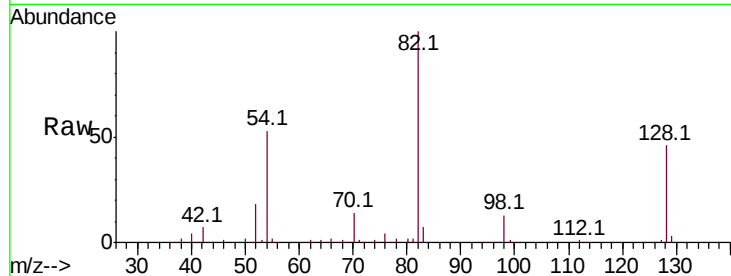




#23
Nitrobenzene-d5
Concen: 92.321 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110613.D
Acq: 9 Nov 2018 4:59

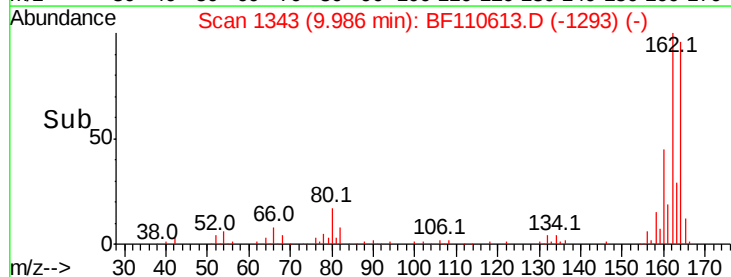
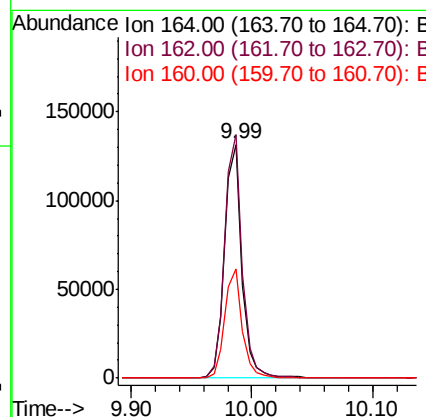
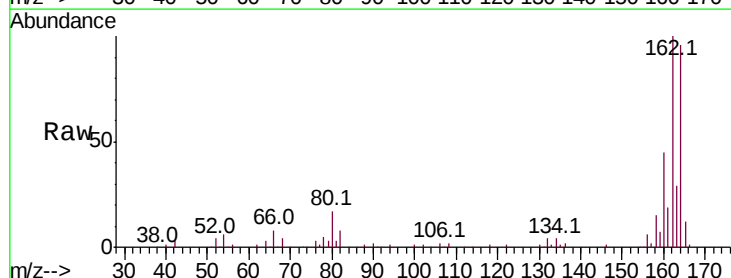
Instrument :
BNA_F
ClientSampleId :
PB114627BL

Tot Ion	82	Resp	499712
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	53.0	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110613.D
Acq: 9 Nov 2018 4:59

Tgt Ion	164	Resp	129996
Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	46.9	37.0	55.6

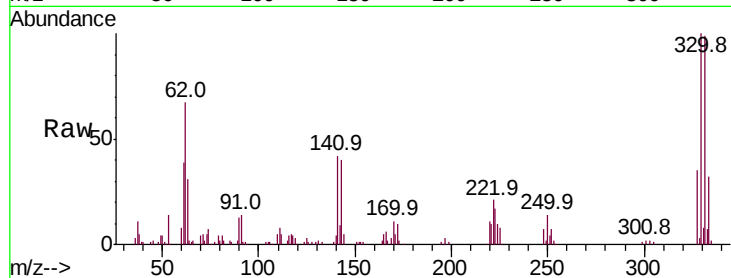




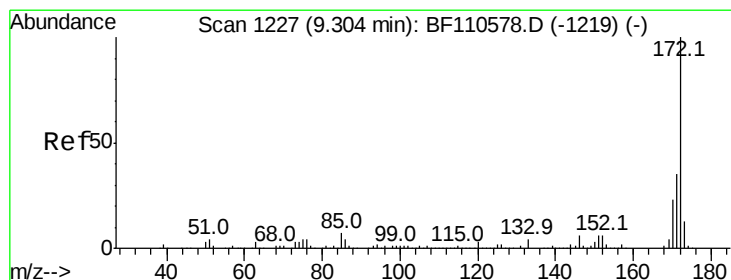
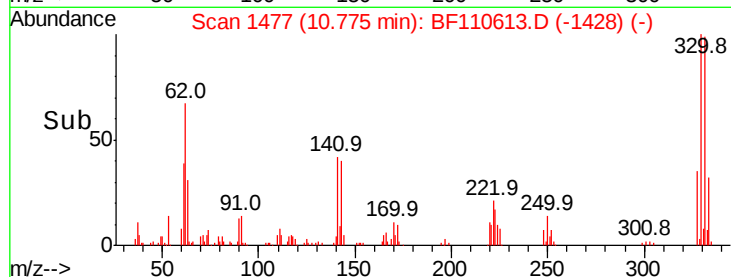
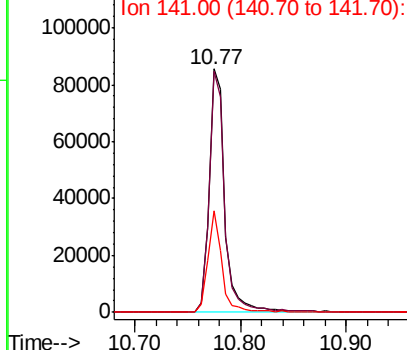
#42
 2,4,6-Tribromophenol
 Concen: 68.027 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110613.D
 Acq: 9 Nov 2018 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BL

Tot Ion:330 Resp: 89107
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.1 115.7
 141 36.9 27.0 40.4

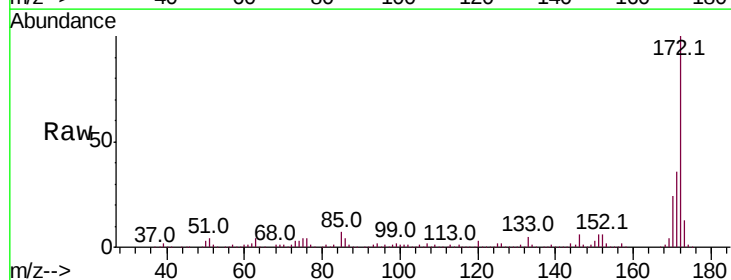


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

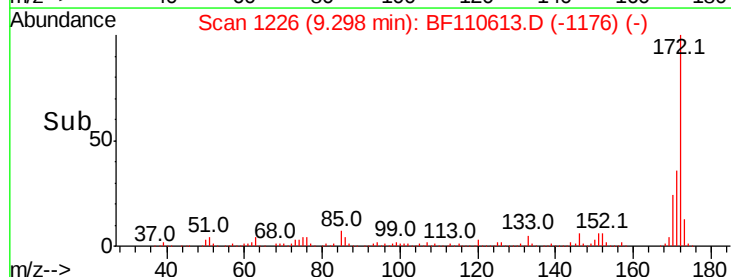
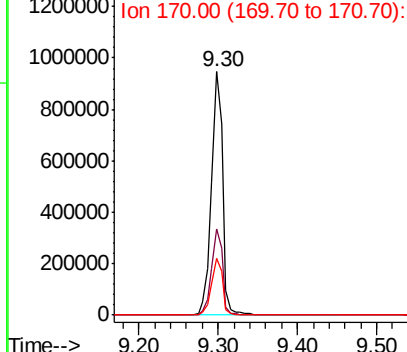


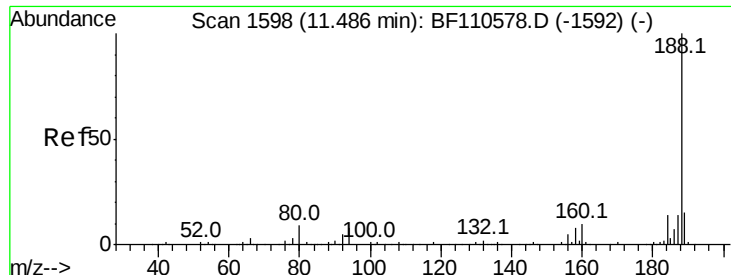
#45
 2-Fluorobiphenyl
 Concen: 101.774 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110613.D
 Acq: 9 Nov 2018 4:59

Tgt Ion:172 Resp: 926367
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.5 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

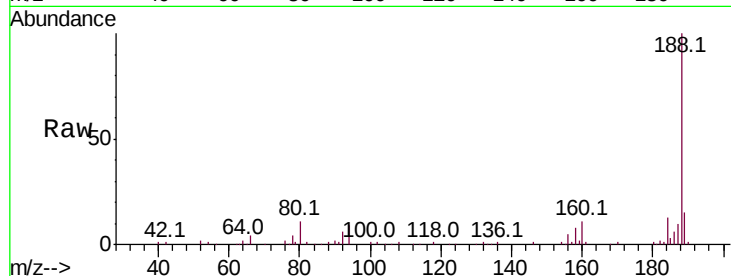




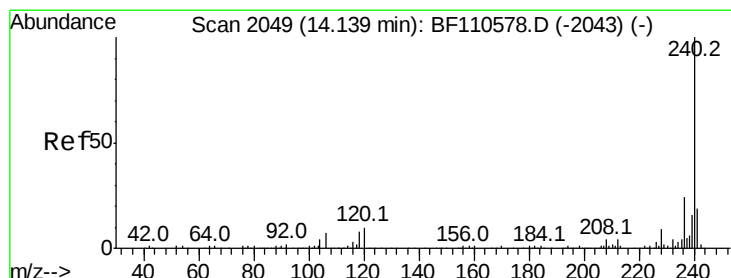
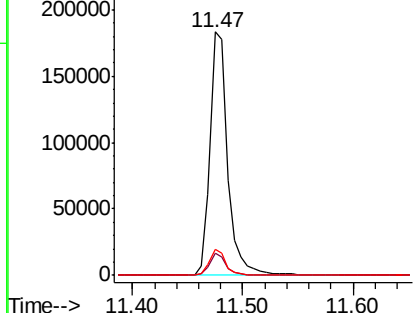
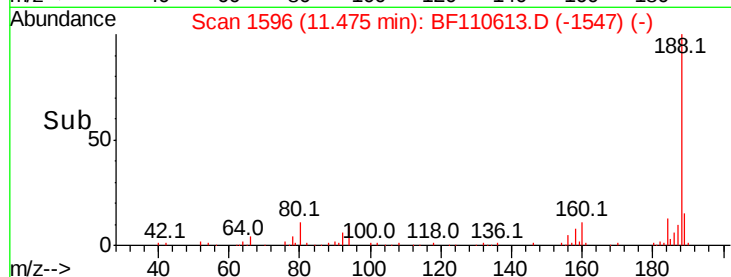
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110613.D
Acq: 9 Nov 2018 4:59

Instrument :
BNA_F
ClientSampleId :
PB114627BL

Tot Ion:188 Resp: 199698
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.6 7.9 11.9

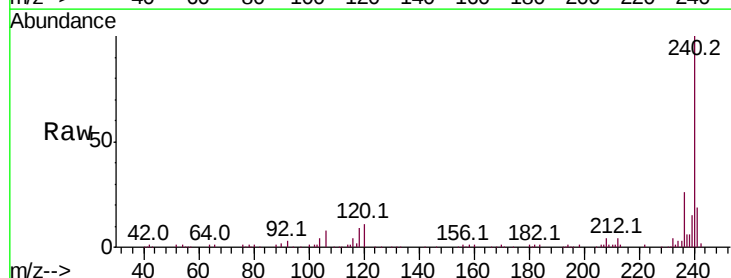


Abundance Ion 188.00 (187.70 to 188.70): E
250000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

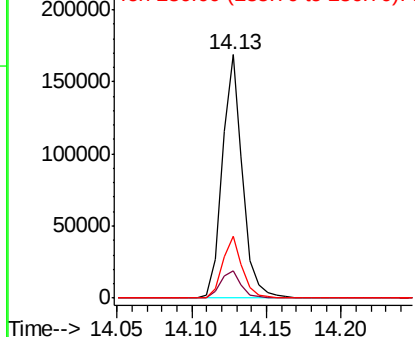
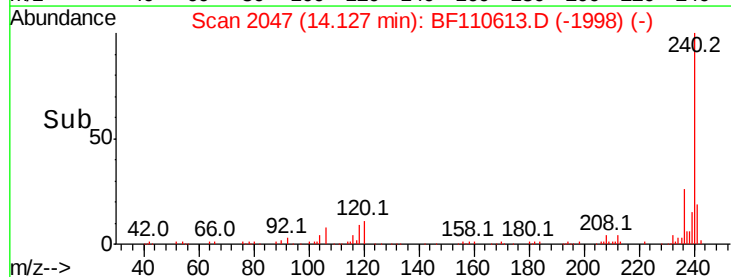


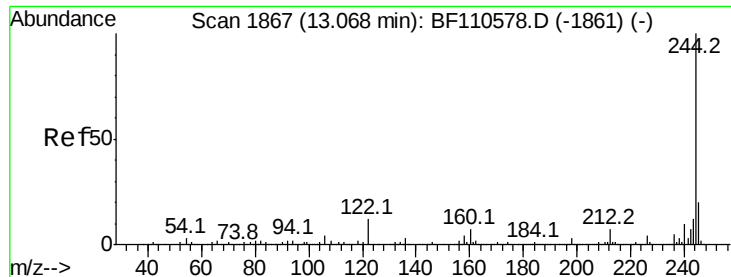
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110613.D
Acq: 9 Nov 2018 4:59

Tgt Ion:240 Resp: 160848
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 25.6 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
200000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

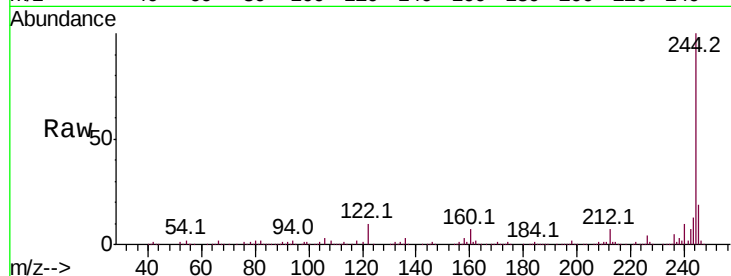




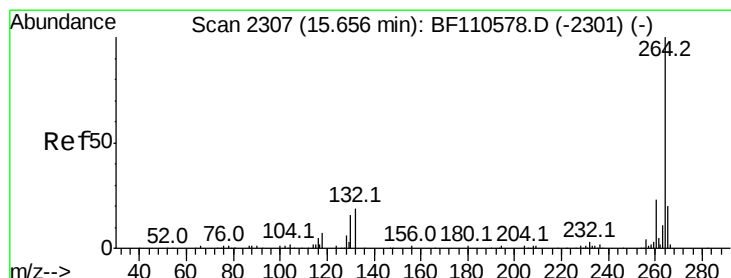
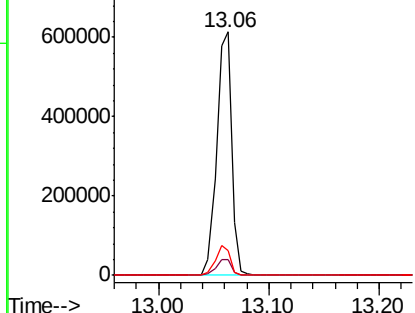
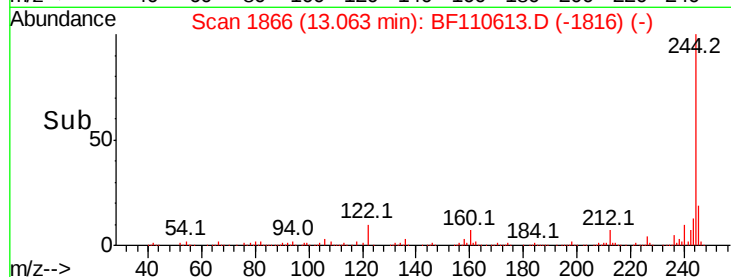
#79
 Terphenyl-d14
 Concen: 67.308 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110613.D
 Acq: 9 Nov 2018 4:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114627BL

Tot Ion:244 Resp: 578099
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 9.9 8.7 13.1

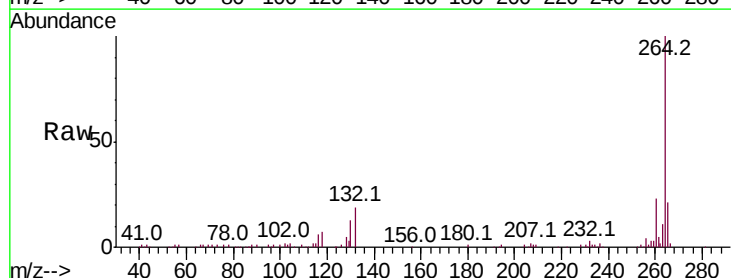


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110613.D
 Acq: 9 Nov 2018 4:59

Tgt Ion:264 Resp: 128593
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 20.6 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

