

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110884.D
 Acq On : 20 Nov 2018 6:12
 Operator : JU/SJ
 Sample : PB114909BL
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BL

Quant Time: Nov 20 06:43:45 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	6.94	152	56063	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	226066	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	93394	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	153463	20.00	ng	0.00
76) Chrysene-d12	14.13	240	132966	20.00	ng	0.00
87) Perylene-d12	15.67	264	83269	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	323920	93.85	ng	0.00
7) Phenol-d6	6.57	99	396683	89.88	ng	0.00
23) Nitrobenzene-d5	7.51	82	372486	94.89	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	72602	77.15	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	677618	103.62	ng	0.00
79) Terphenyl-d14	13.06	244	497551	70.08	ng	-0.01

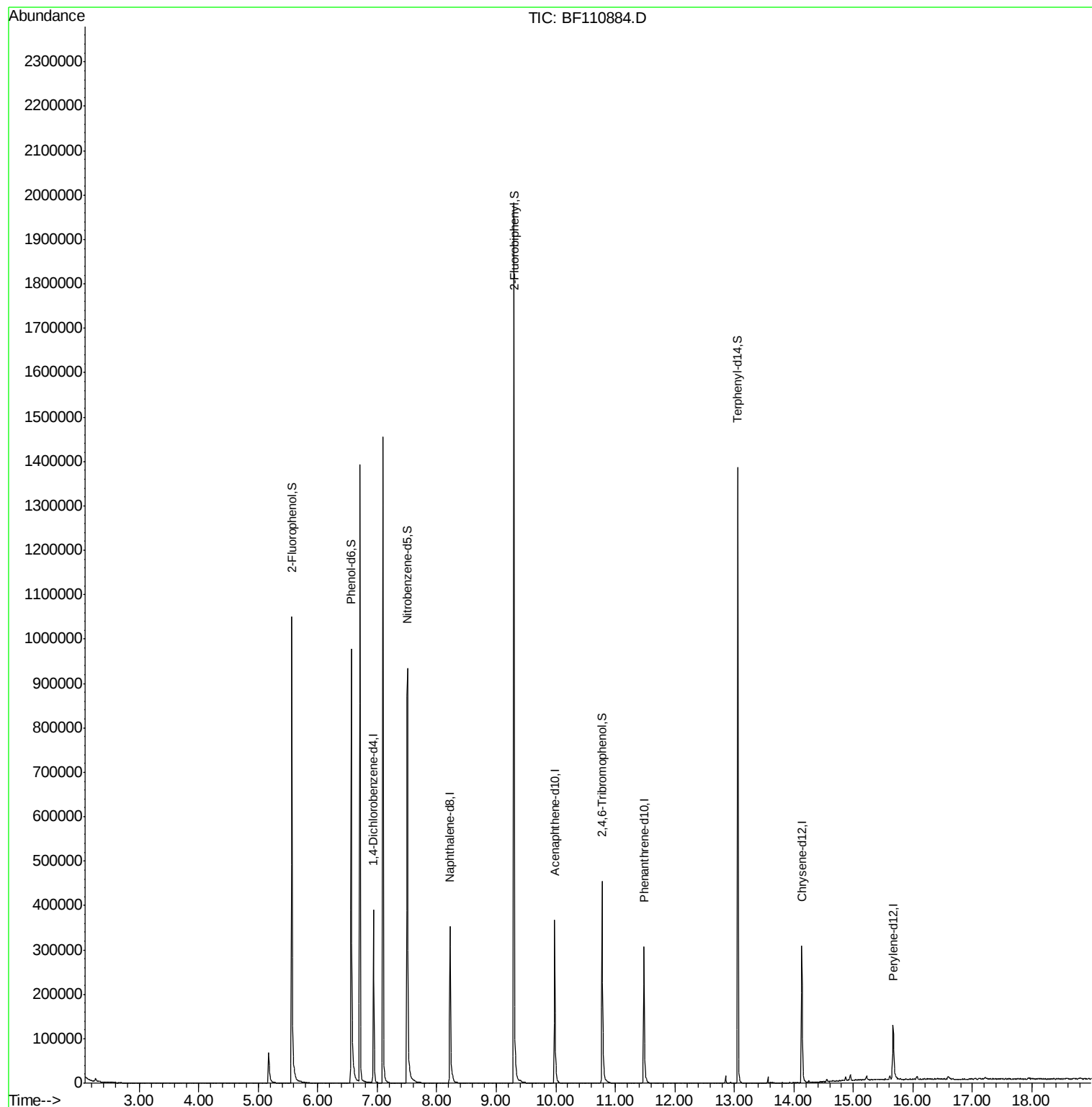
Target Compounds Qvalue

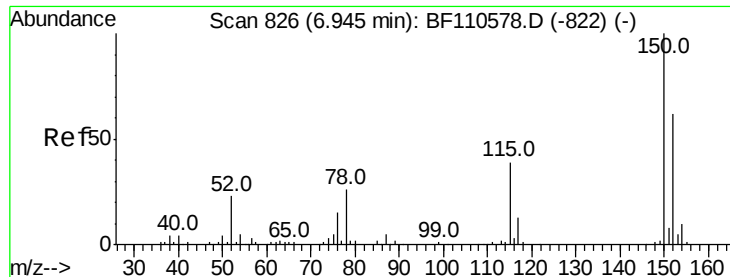
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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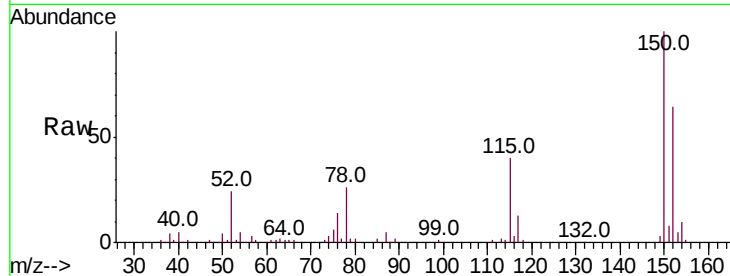


#1

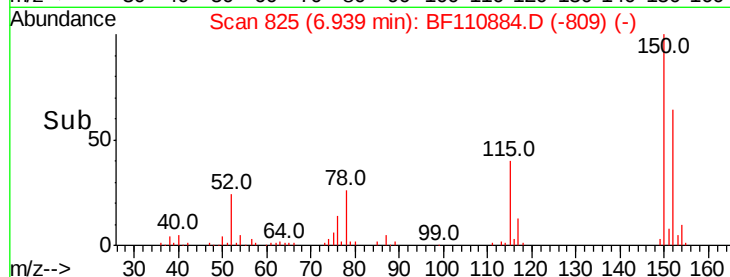
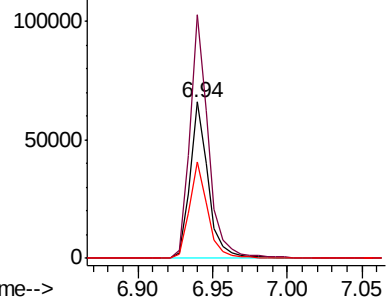
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110884.D
Acq: 20 Nov 2018 6:12

Instrument :
BNA_F
ClientSampleId :
PB114909BL

Tot Ion:152 Resp: 56063
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 61.8 49.1 73.7



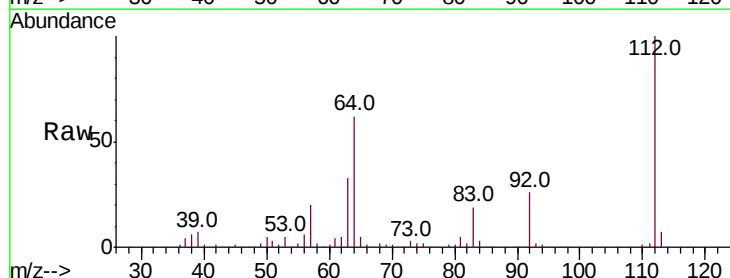
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



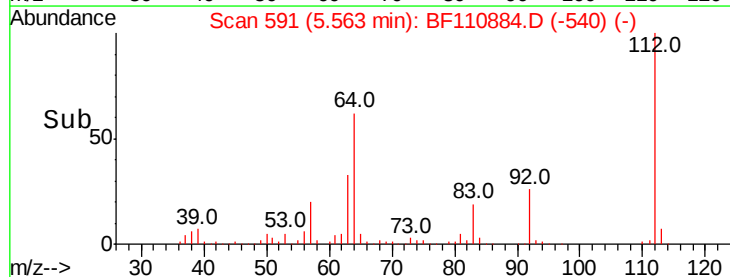
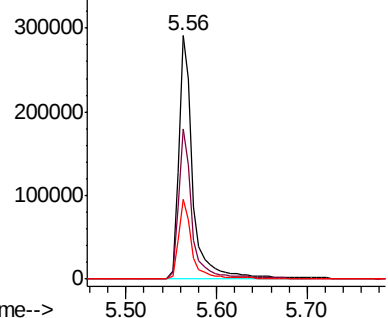
#5

2-Fluorophenol
Concen: 93.849 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110884.D
Acq: 20 Nov 2018 6:12

Tgt Ion:112 Resp: 323920
Ion Ratio Lower Upper
112 100
64 61.8 44.1 66.1
63 32.9 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: 89.877 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110884.D

Acq: 20 Nov 2018 6:12

Instrument :

BNA_F

ClientSampleId :

PB114909BL

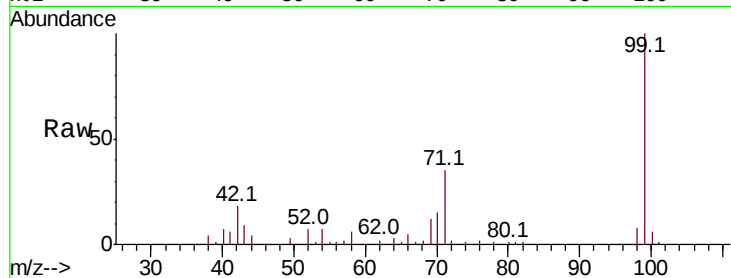
Tot Ion: 99 Resp: 396683

Ion Ratio Lower Upper

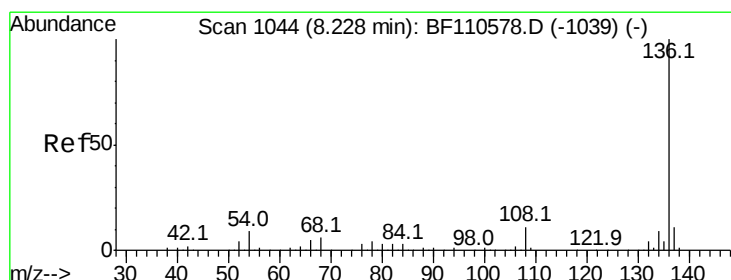
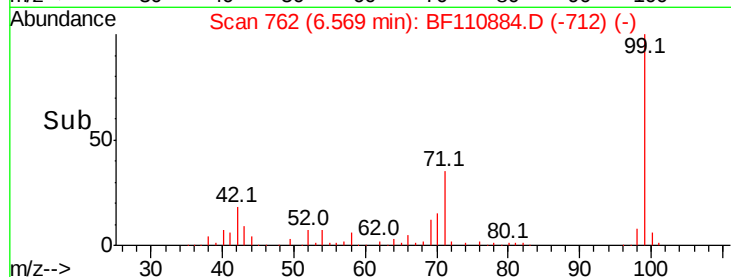
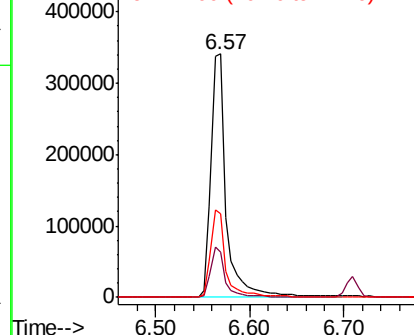
99 100

42 18.4 15.8 23.6

71 34.6 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. -0.01 min

Lab File: BF110884.D

Acq: 20 Nov 2018 6:12

Tgt Ion: 136 Resp: 226066

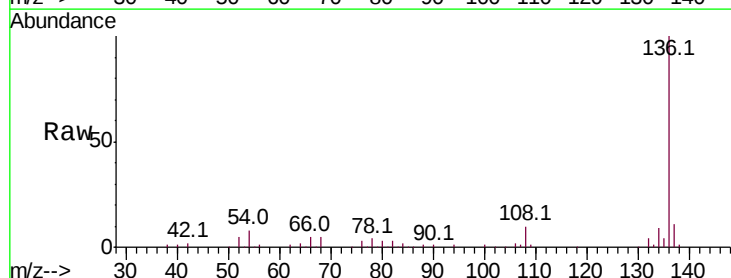
Ion Ratio Lower Upper

136 100

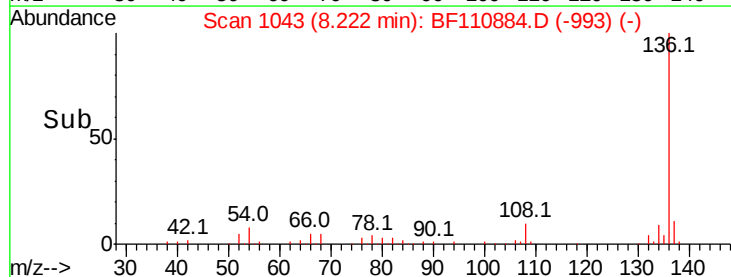
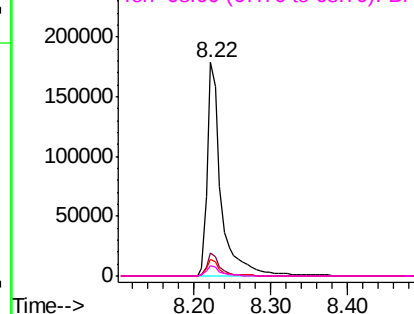
137 10.8 8.8 13.2

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

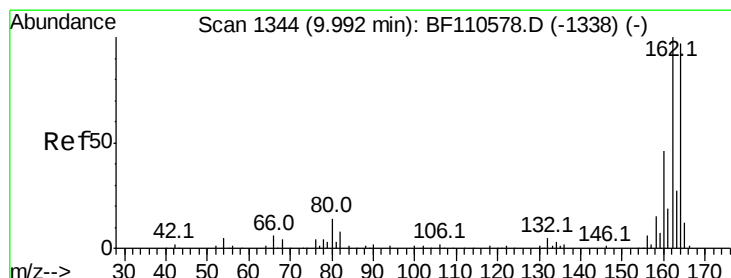
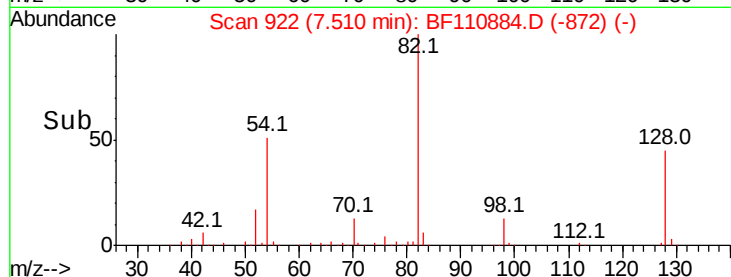
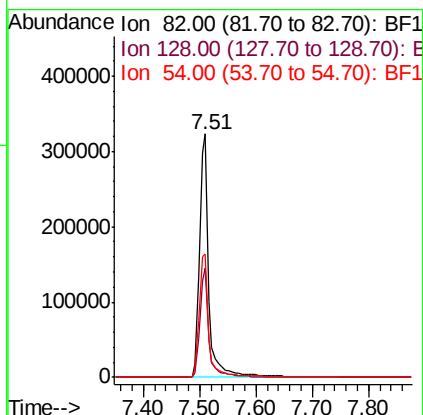
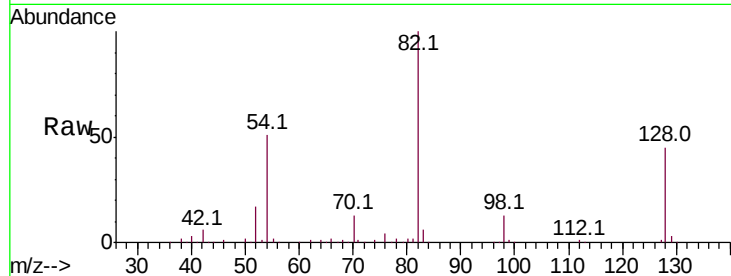




#23
 Nitrobenzene-d5
 Concen: 94.890 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110884.D
 Acq: 20 Nov 2018 6:12

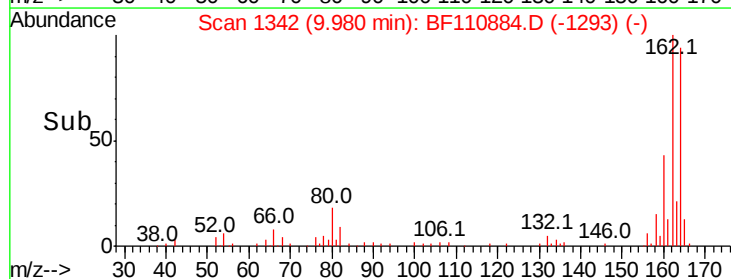
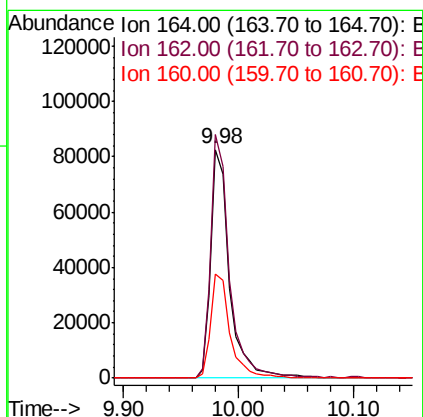
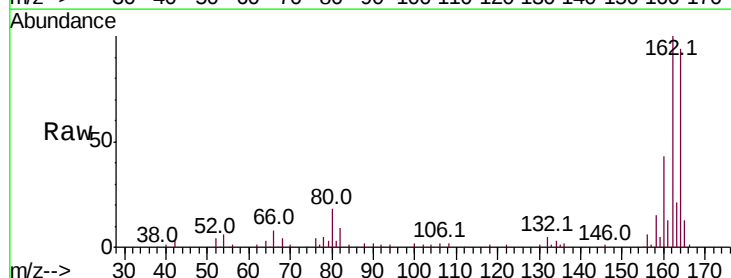
Instrument :
 BNA_F
 ClientSampleId :
 PB114909BL

Tot Ion: 82 Resp: 372486
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.2 51.2
 54 50.7 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110884.D
 Acq: 20 Nov 2018 6:12

Tgt Ion: 164 Resp: 93394
 Ion Ratio Lower Upper
 164 100
 162 106.6 83.0 124.6
 160 45.5 37.0 55.6

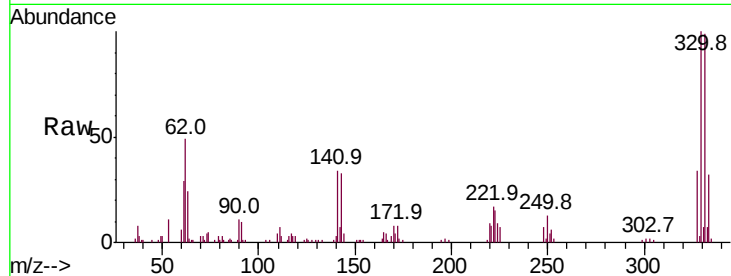




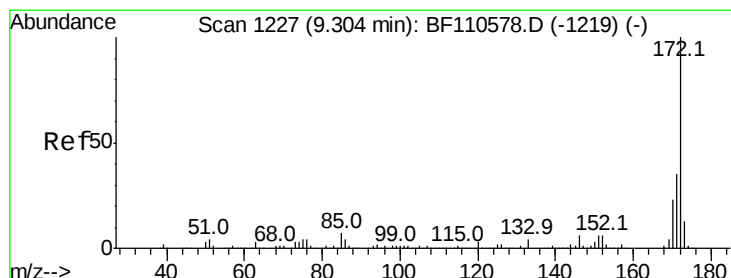
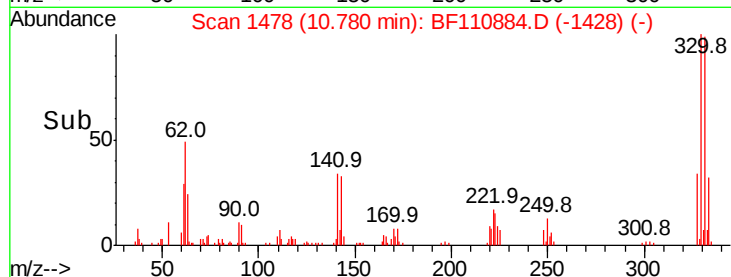
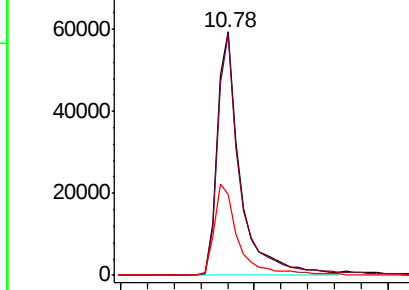
#42
 2,4,6-Tribromophenol
 Concen: 77.149 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110884.D
 Acq: 20 Nov 2018 6:12

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.1	115.7
141	39.2	27.0	40.4

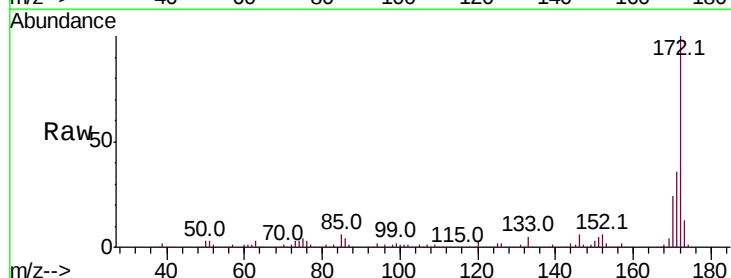


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

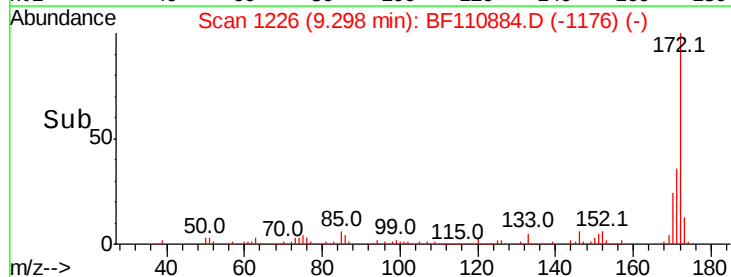
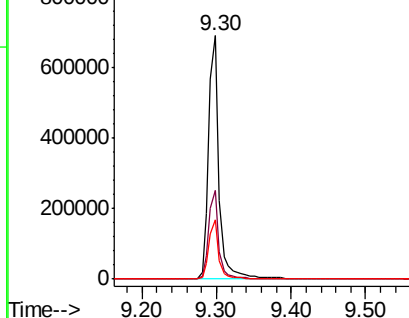


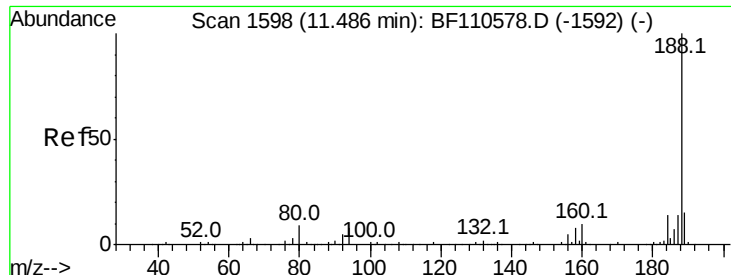
#45
 2-Fluorobiphenyl
 Concen: 103.621 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110884.D
 Acq: 20 Nov 2018 6:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.2	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

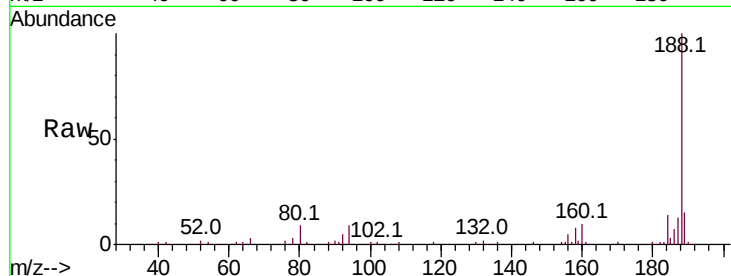




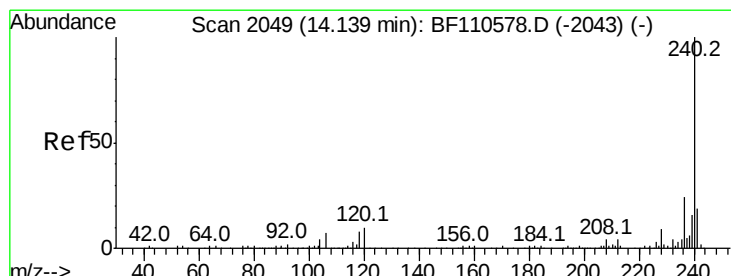
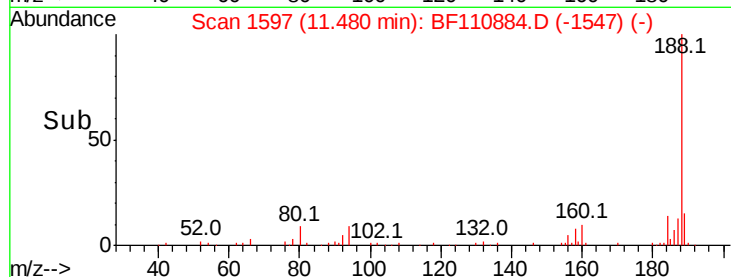
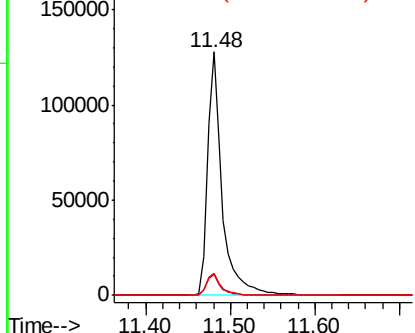
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110884.D
Acq: 20 Nov 2018 6:12

Instrument :
BNA_F
ClientSampleId :
PB114909BL

Tot Ion:188 Resp: 153463
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.1 7.9 11.9

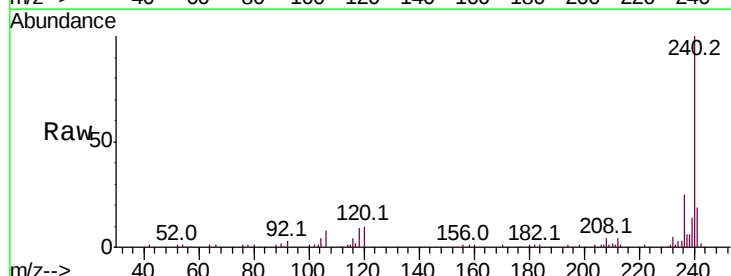


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

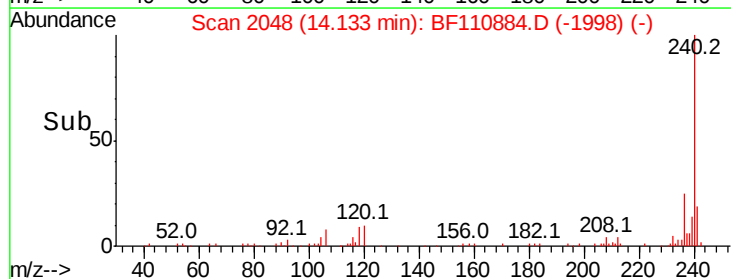
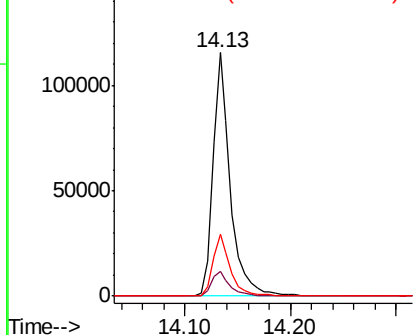


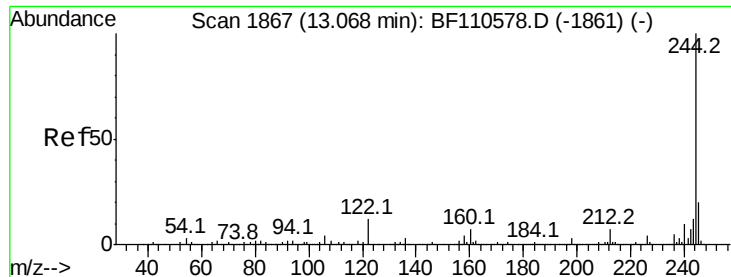
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110884.D
Acq: 20 Nov 2018 6:12

Tgt Ion:240 Resp: 132966
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 25.2 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: 70.078 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110884.D

Acq: 20 Nov 2018 6:12

Instrument :

BNA_F

ClientSampleId :

PB114909BL

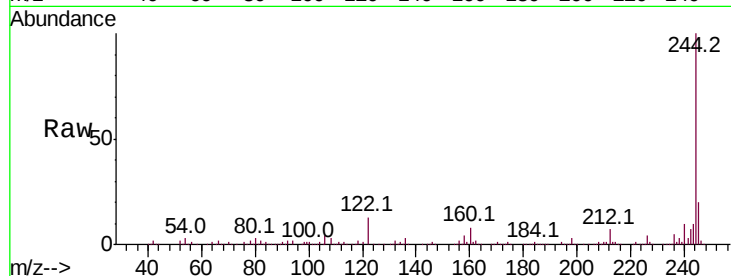
Tot Ion:244 Resp: 497551

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

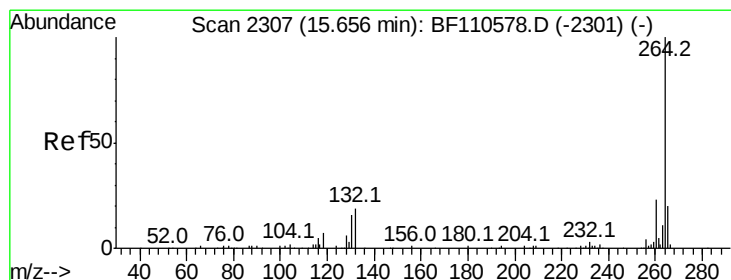
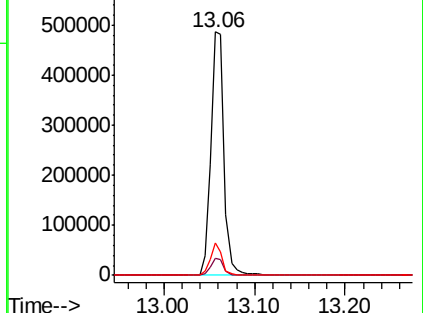
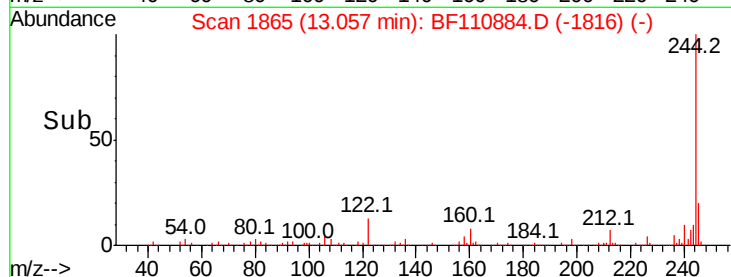
122 13.2 8.7 13.1#



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: BF110884.D

Acq: 20 Nov 2018 6:12

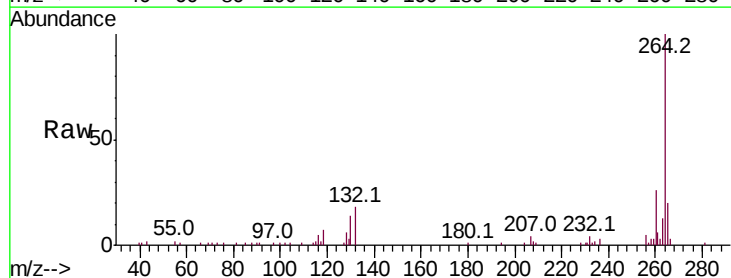
Tgt Ion:264 Resp: 83269

Ion Ratio Lower Upper

264 100

260 25.6 18.7 28.1

265 20.1 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

