

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111082.D
 Acq On : 29 Nov 2018 9:17
 Operator : JU/SJ
 Sample : J6078-16
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-D-M

Quant Time: Nov 29 10:06:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	49669	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	207728	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	91310	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	150447	20.00	ng	0.00
76) Chrysene-d12	14.13	240	116025	20.00	ng	0.00
87) Perylene-d12	15.66	264	94084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	126729	42.31	ng	0.01
7) Phenol-d6	6.57	99	100101	25.65	ng	0.00
23) Nitrobenzene-d5	7.50	82	354857	97.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	74409	82.05	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	665099	105.53	ng	0.00
79) Terphenyl-d14	13.05	244	509103	85.42	ng	0.00

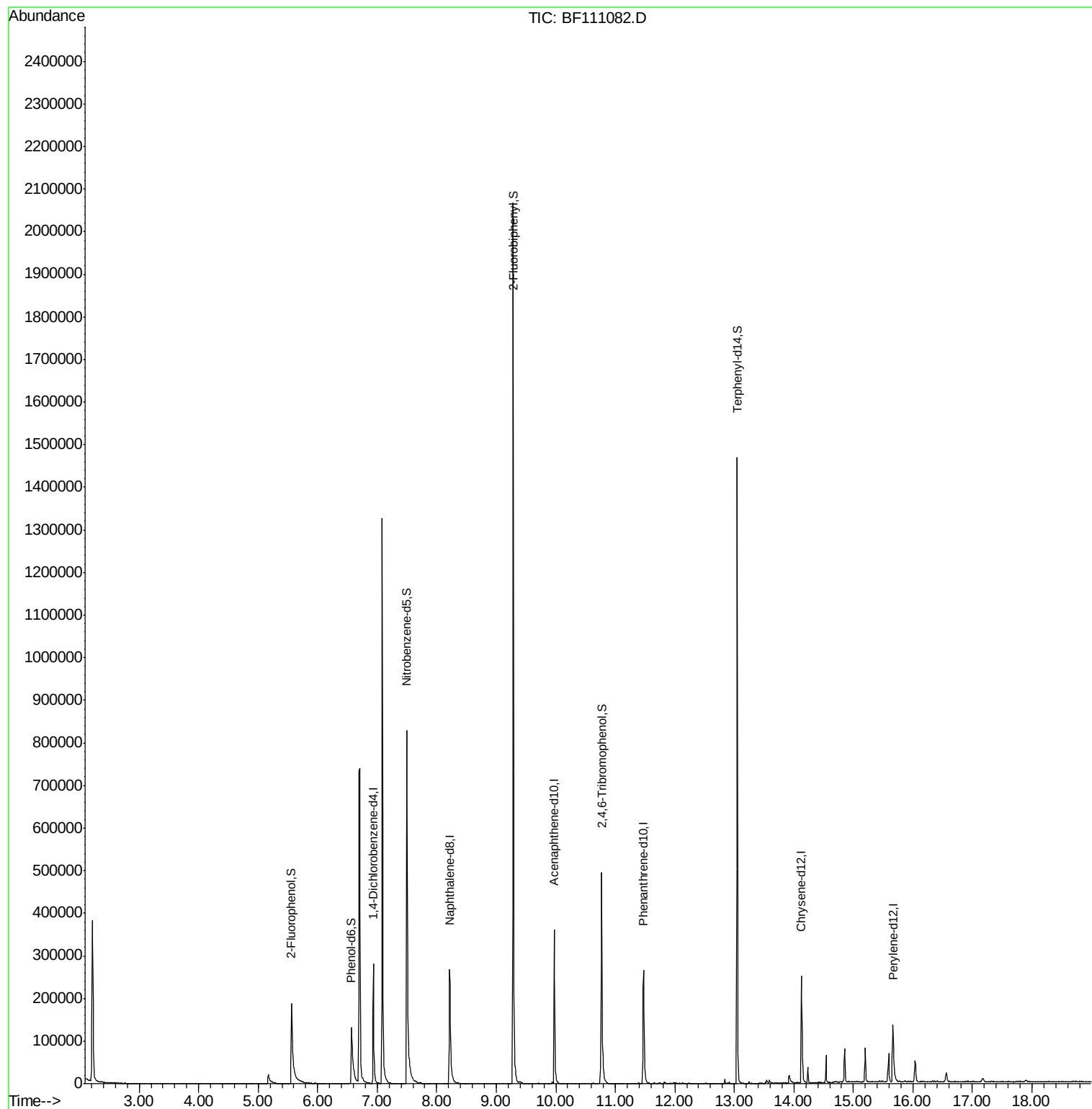
Target Compounds Qvalue

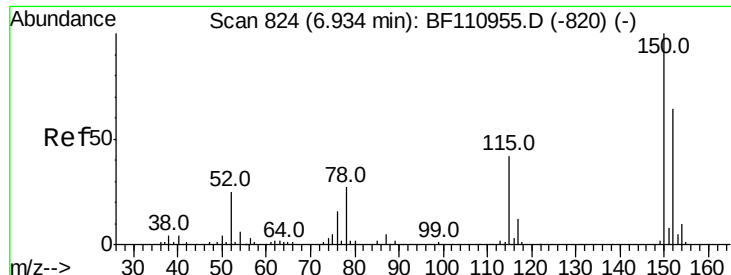
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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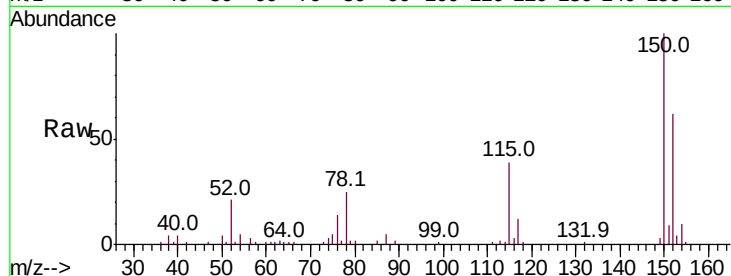


#1

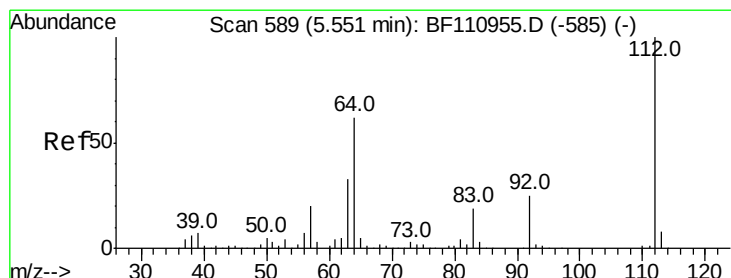
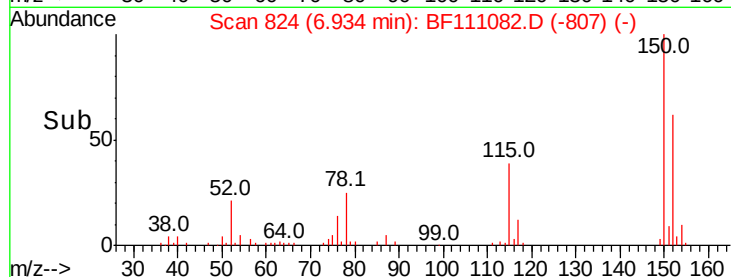
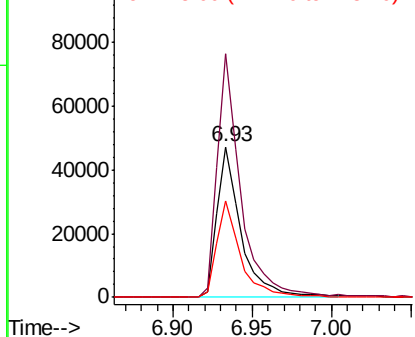
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-D-M

Tot Ion:152 Resp: 49669
 Ion Ratio Lower Upper
 152 100
 150 161.9 122.7 184.1
 115 63.8 49.1 73.7



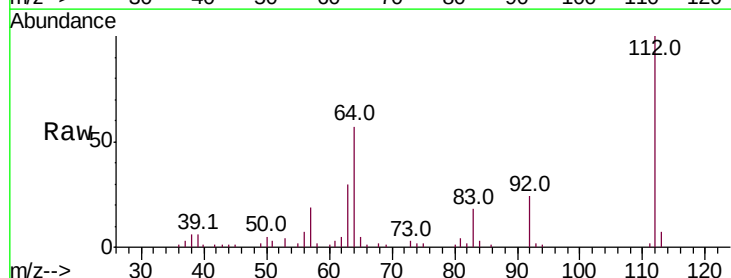
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



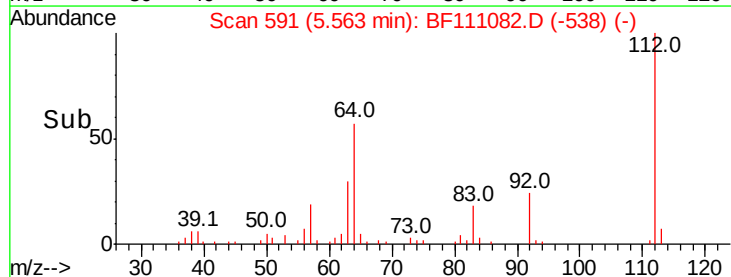
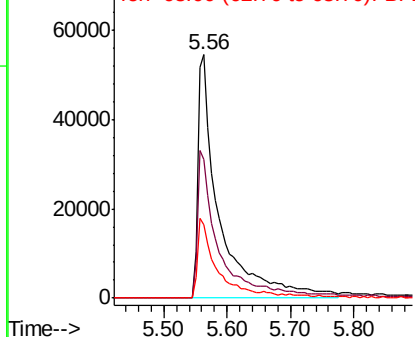
#5

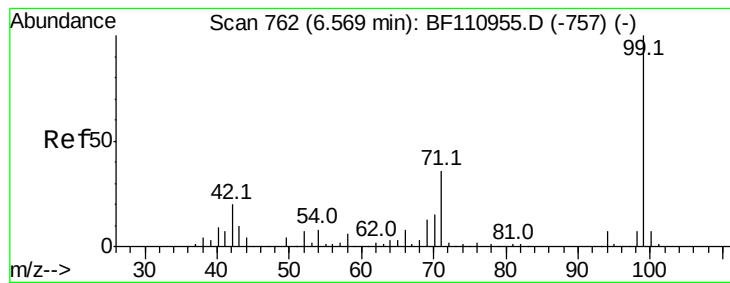
2-Fluorophenol
 Concen: 42.311 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Tgt Ion:112 Resp: 126729
 Ion Ratio Lower Upper
 112 100
 64 57.1 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: 25.646 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111082.D

Acq: 29 Nov 2018 9:17

Instrument :

BNA_F

ClientSampleId :

112618-CHDE-F-D-M

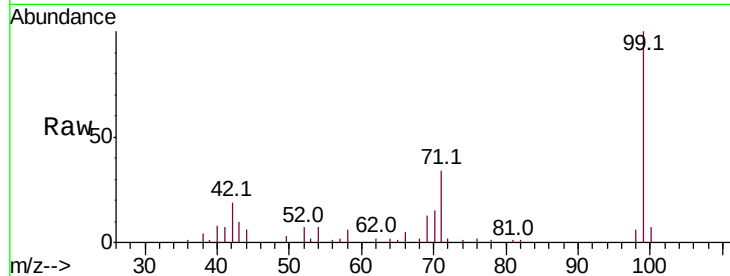
Tot Ion: 99 Resp: 100101

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

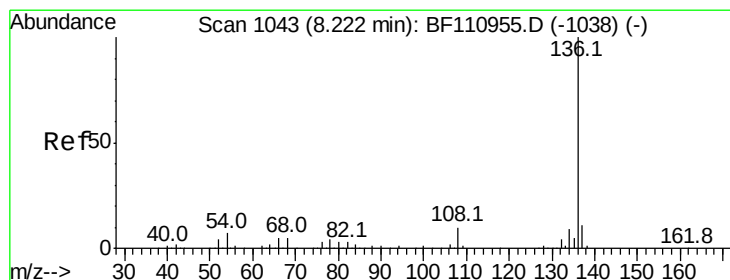
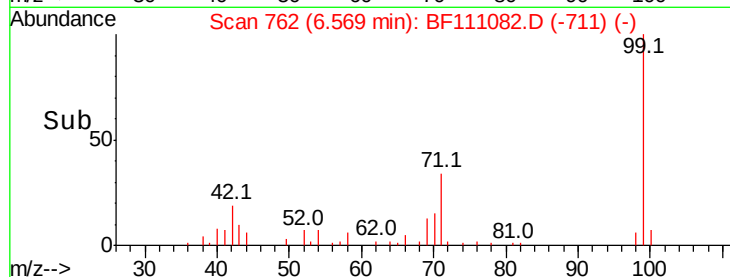
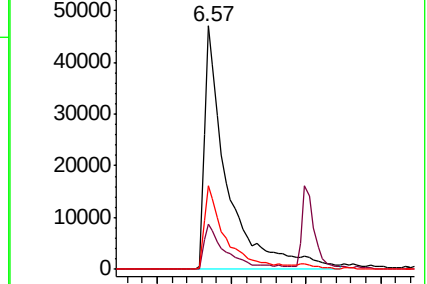
71 34.3 28.0 42.0



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: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111082.D

Acq: 29 Nov 2018 9:17

Tgt Ion: 136 Resp: 207728

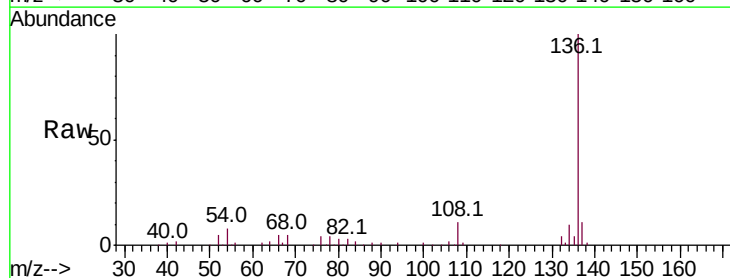
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.4 5.4 8.2#

68 5.2 4.2 6.2

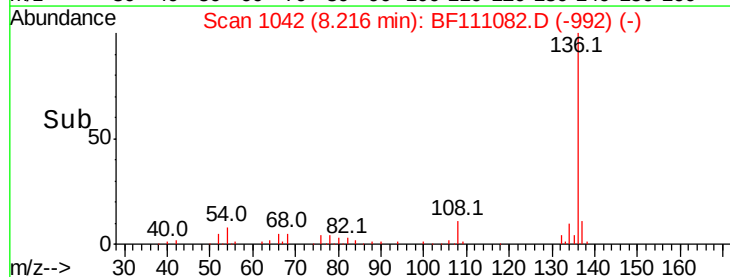
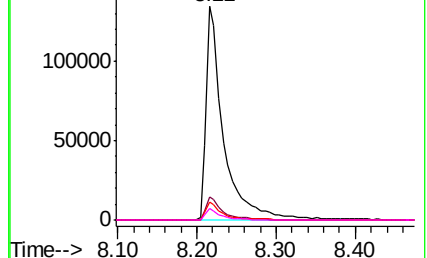


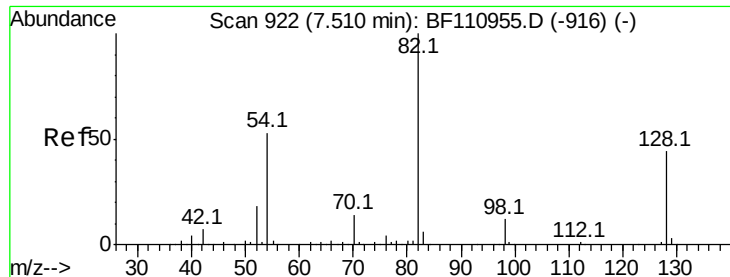
Abundance Ion 136.00 (135.70 to 136.70): E

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

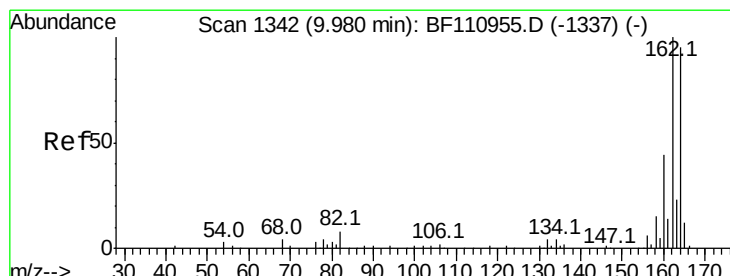
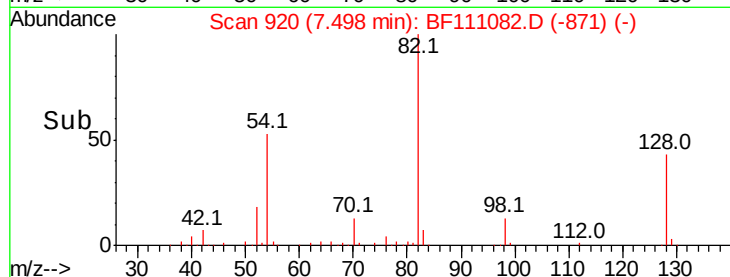
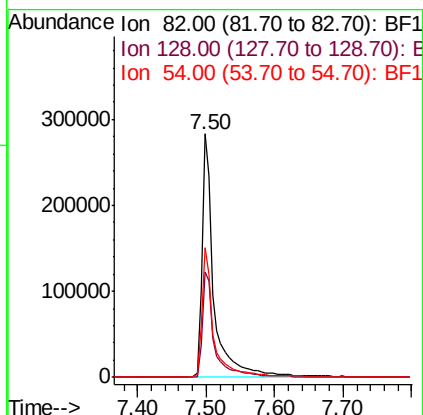
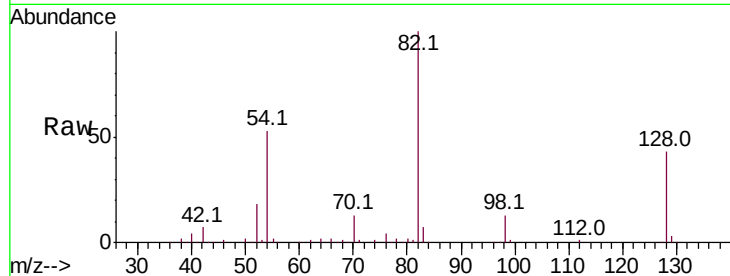




#23
 Nitrobenzene-d5
 Concen: 97.766 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

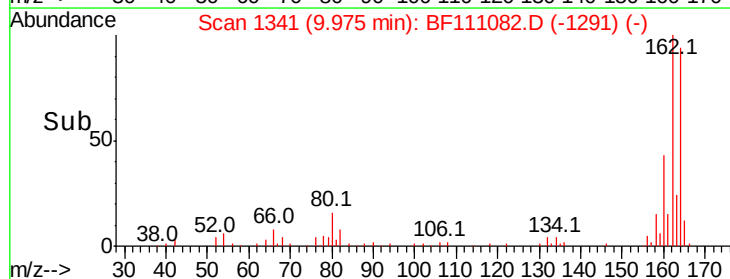
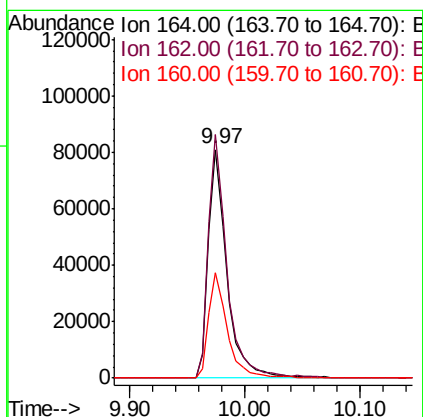
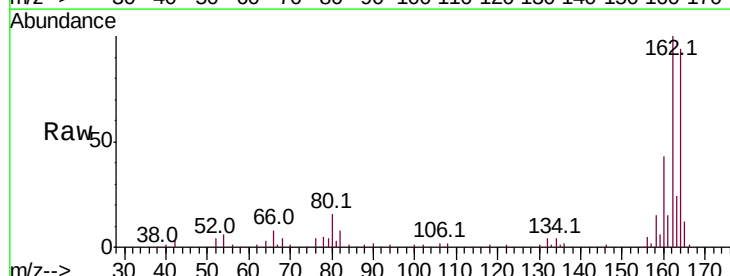
Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-D-M

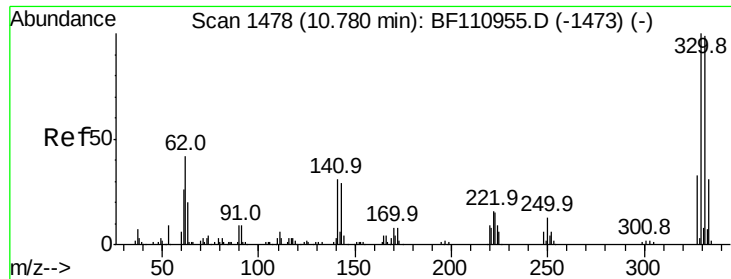
Tot Ion	82	Resp	354857
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.2	51.2
54	53.4	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Tgt Ion	164	Resp	91310
Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.0	124.6
160	45.9	37.0	55.6

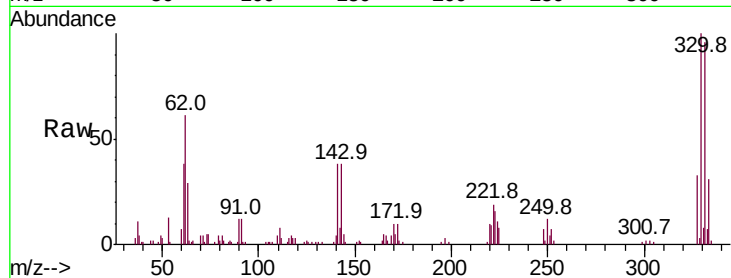




#42
 2,4,6-Tribromophenol
 Concen: 82.054 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	38.5	27.0	40.4

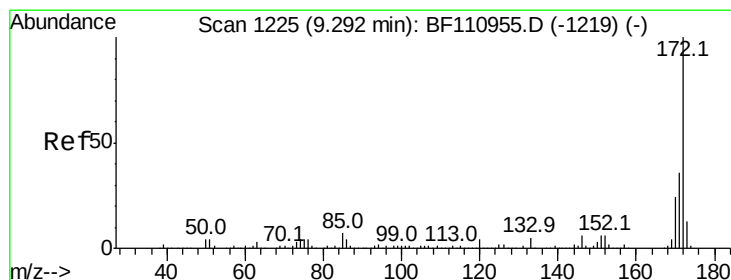
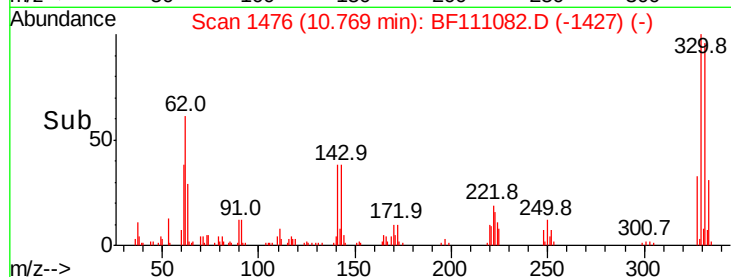
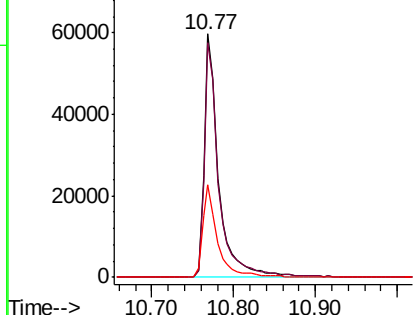


Abundance

Ion 329.80 (329.50 to 330.50): E

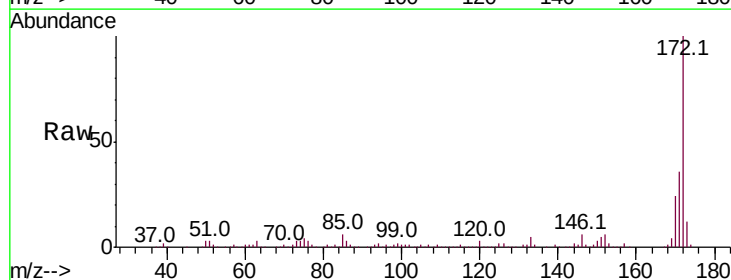
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 105.528 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.8	19.7	29.5

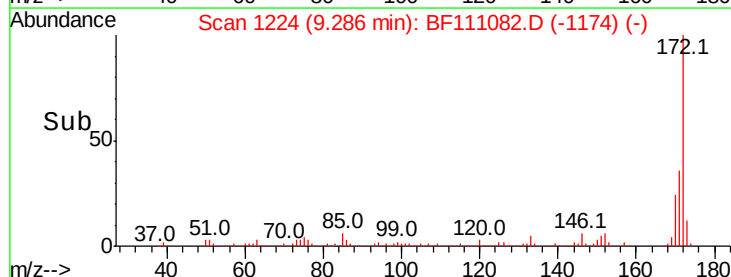
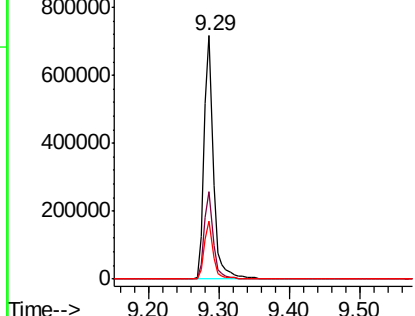


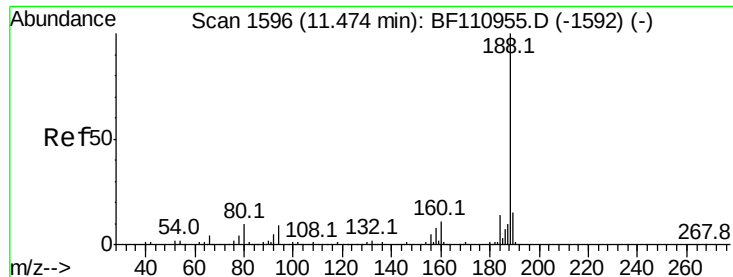
Abundance

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

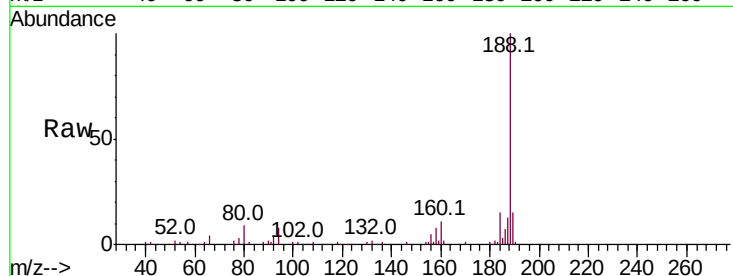




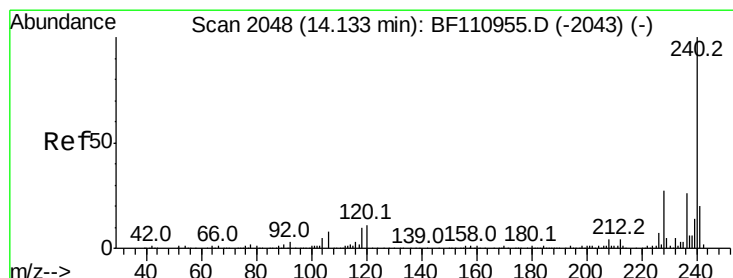
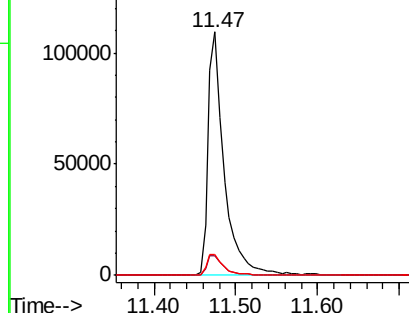
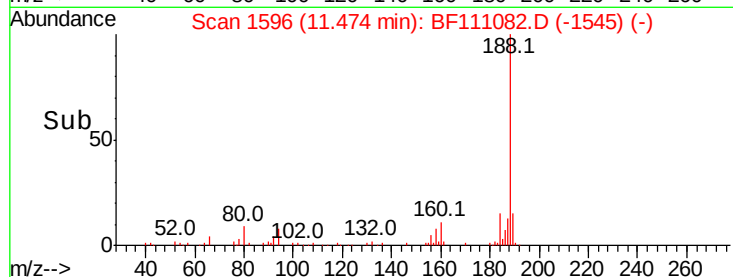
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111082.D
Acq: 29 Nov 2018 9:17

Instrument :
BNA_F
ClientSampleId :
112618-CHDE-F-D-M

Tot Ion:188 Resp: 150447
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.7 7.9 11.9

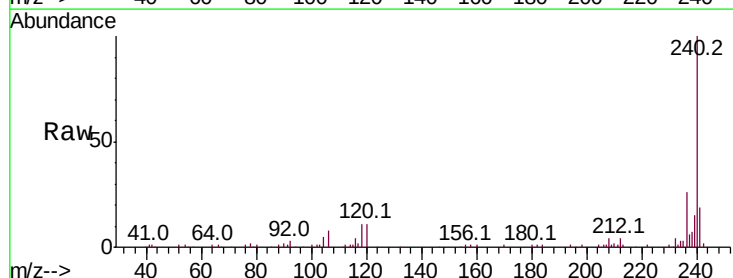


Abundance Ion 188.00 (187.70 to 188.70): E
150000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

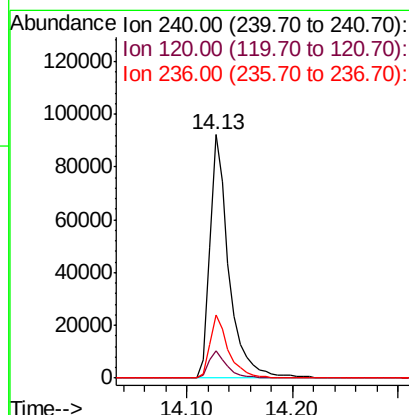
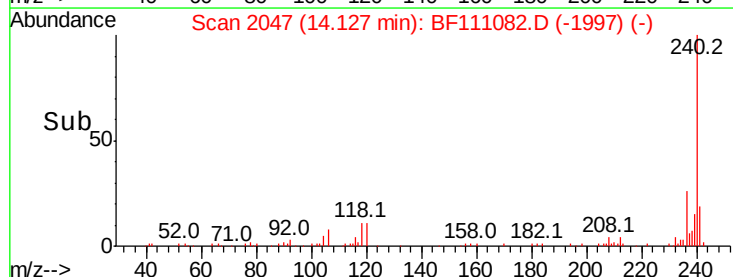


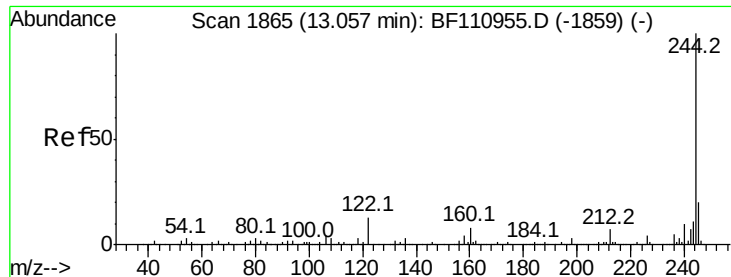
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111082.D
Acq: 29 Nov 2018 9:17

Tgt Ion:240 Resp: 116025
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 25.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
120000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

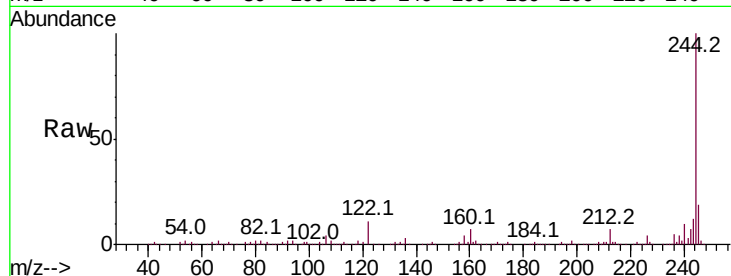




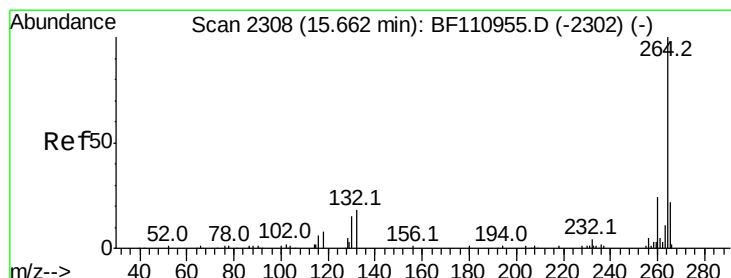
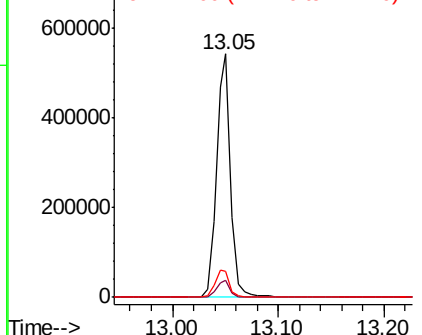
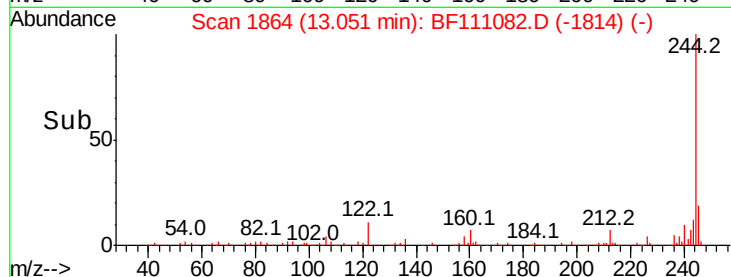
#79
 Terphenyl-d14
 Concen: 85.416 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-D-M

Tot Ion:244 Resp: 509103
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.9 8.7 13.1

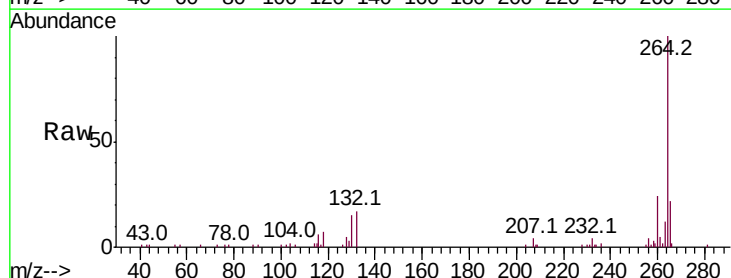


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Tgt Ion:264 Resp: 94084
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 22.5 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

