

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110829.D
 Acq On : 16 Nov 2018 20:55
 Operator : JU/SJ
 Sample : J5975-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Quant Time: Nov 17 00:14:09 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	57836	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	241933	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	109749	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	174009	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	142954	20.00	ng	-0.01
87) Perylene-d12	15.66	264	106684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	38737	10.88	ng	0.00
7) Phenol-d6	6.57	99	50562	11.10	ng	0.00
23) Nitrobenzene-d5	7.51	82	30908	7.36	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	7601	6.87	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	67353	8.76	ng	-0.01
79) Terphenyl-d14	13.06	244	50979	6.68	ng	-0.01

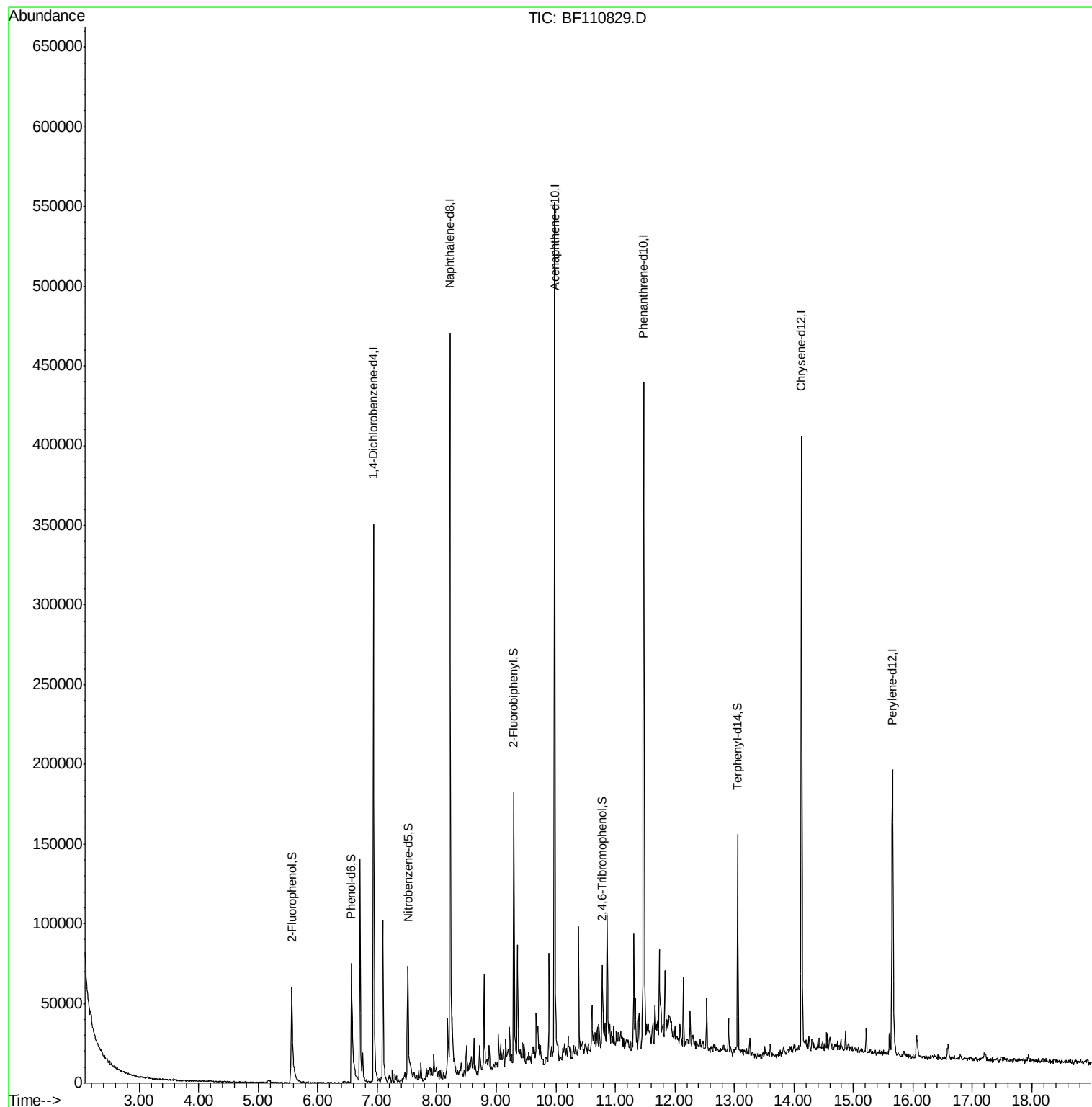
Target Compounds Qvalue

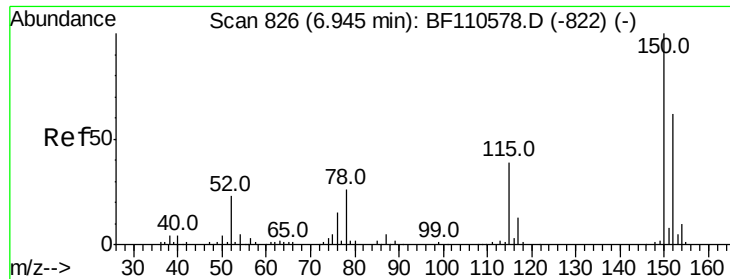
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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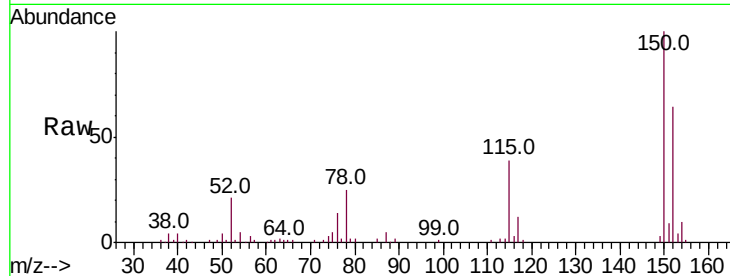


#1

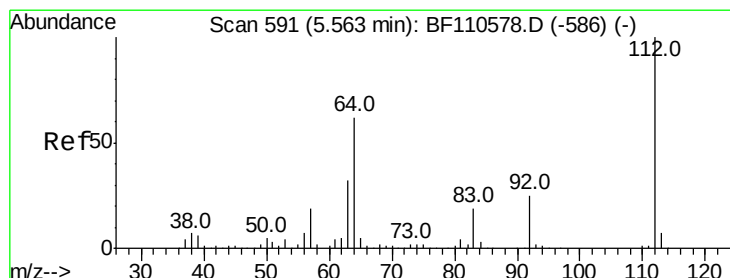
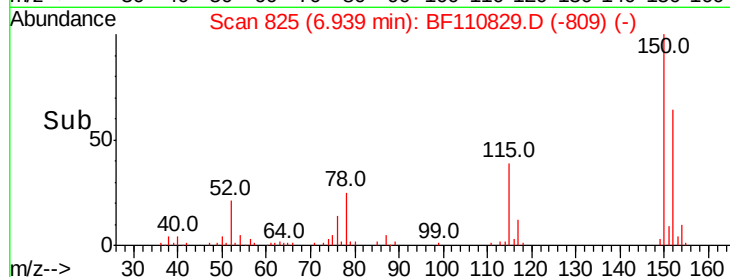
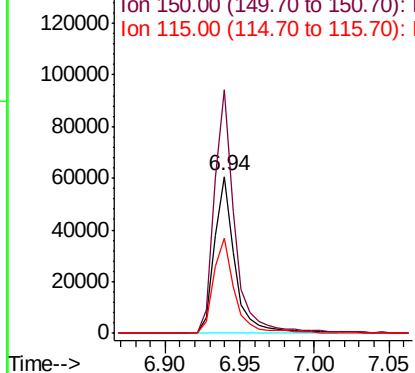
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

Instrument :
 BNA_F
 ClientSampled :
 VB44949

Tot Ion:152 Resp: 57836
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.7 184.1
 115 60.7 49.1 73.7



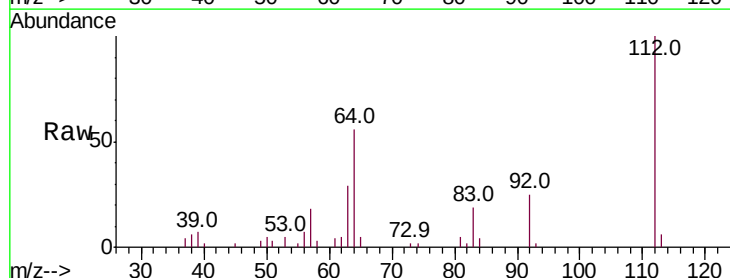
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



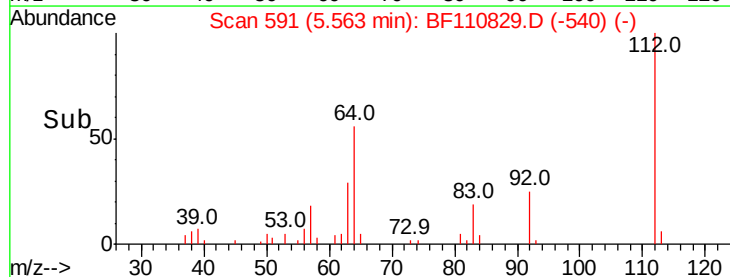
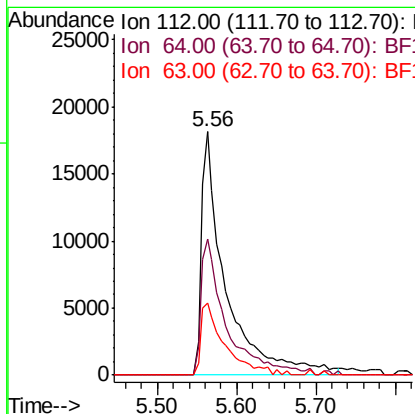
#5

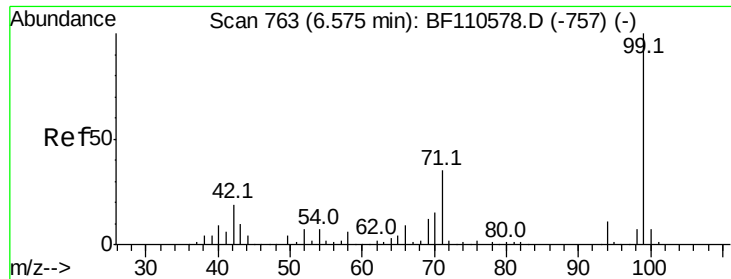
2-Fluorophenol
 Concen: 10.879 ng
 RT: 5.56 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

Tgt Ion:112 Resp: 38737
 Ion Ratio Lower Upper
 112 100
 64 56.1 44.1 66.1
 63 29.5 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: 11.105 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110829.D

Acq: 16 Nov 2018 20:55

Instrument :

BNA_F

ClientSampleId :

VB44949

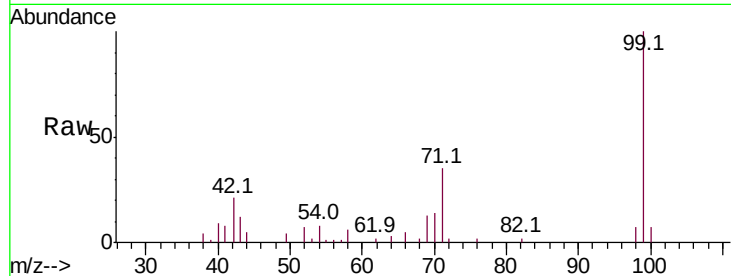
Tot Ion: 99 Resp: 50562

Ion Ratio Lower Upper

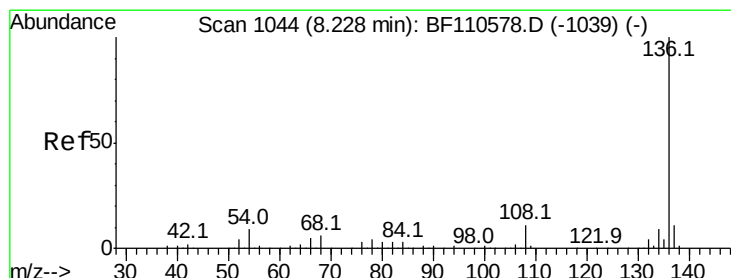
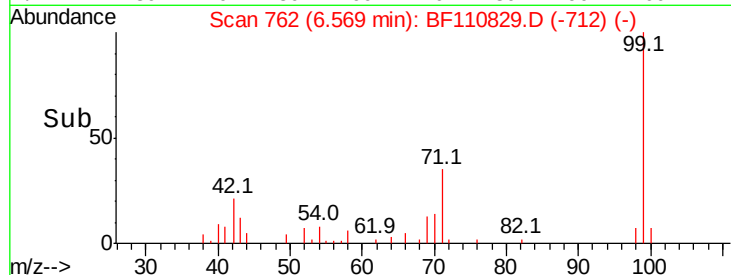
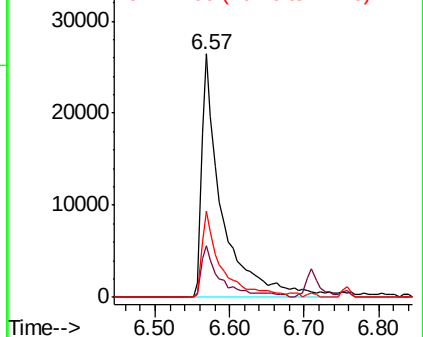
99 100

42 21.2 15.8 23.6

71 35.2 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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110829.D

Acq: 16 Nov 2018 20:55

Tgt Ion: 136 Resp: 241933

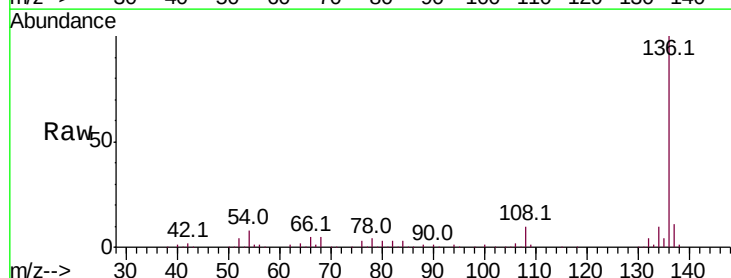
Ion Ratio Lower Upper

136 100

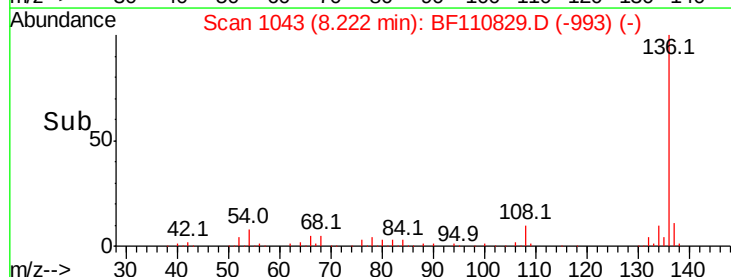
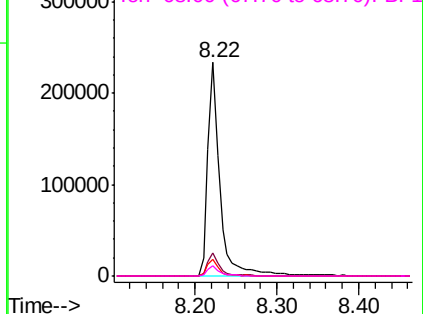
137 10.6 8.8 13.2

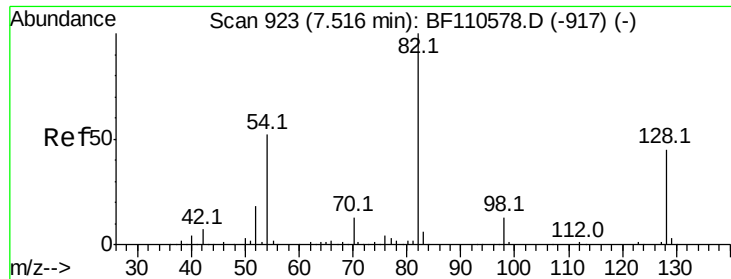
54 8.1 5.4 8.2

68 5.0 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

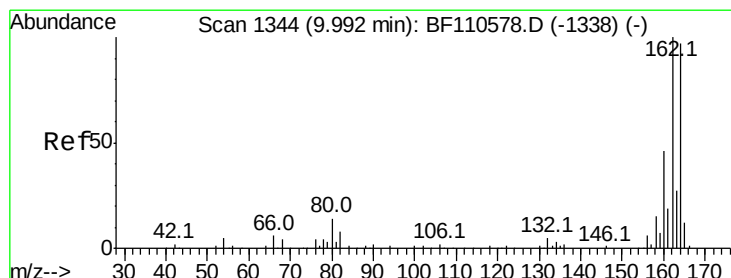
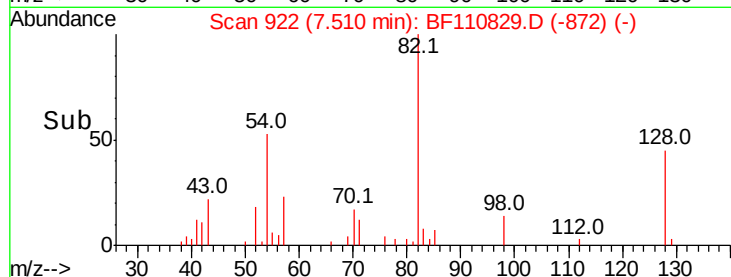
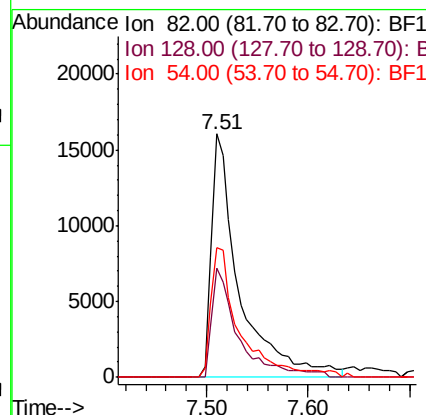
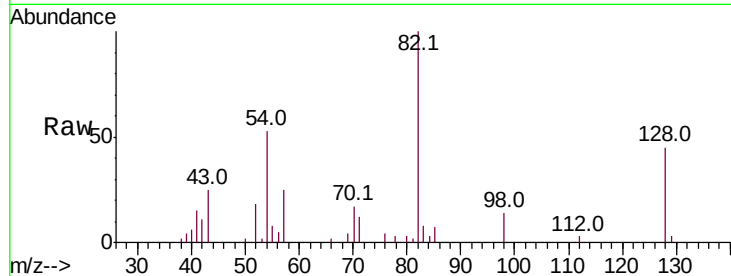




#23
 Nitrobenzene-d5
 Concen: 7.357 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

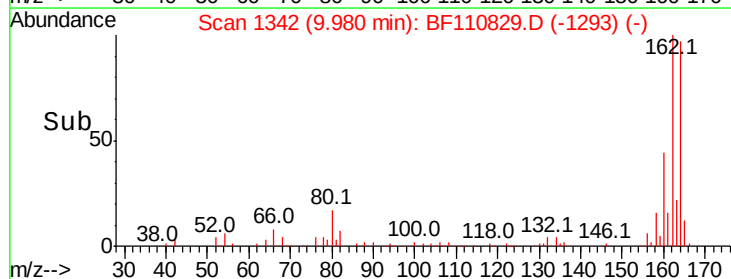
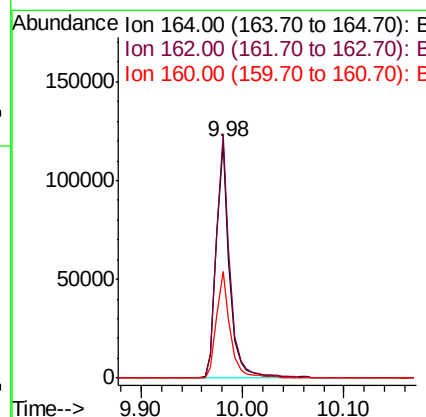
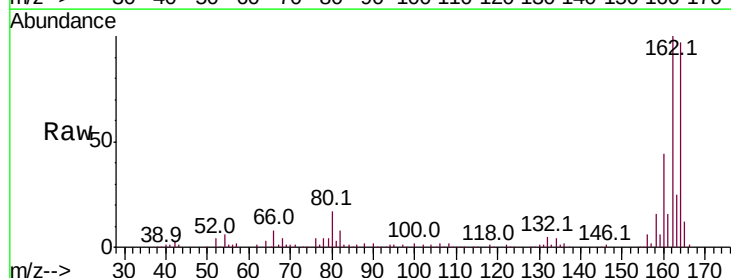
Instrument :
 BNA_F
 ClientSampleId :
 VB44949

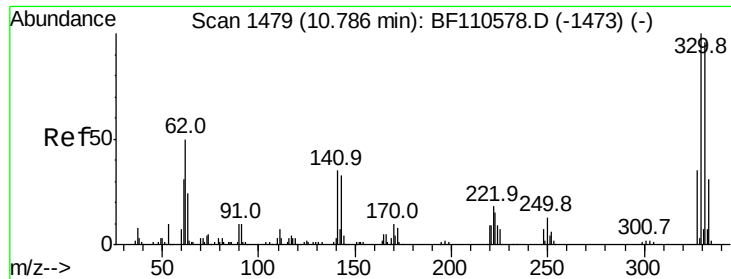
Tot Ion	82	Resp	30908
Ion Ratio	Lower	Upper	
82	100		
128	44.7	34.2	51.2
54	53.4	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

Tgt Ion	164	Resp	109749
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.0	124.6
160	45.2	37.0	55.6

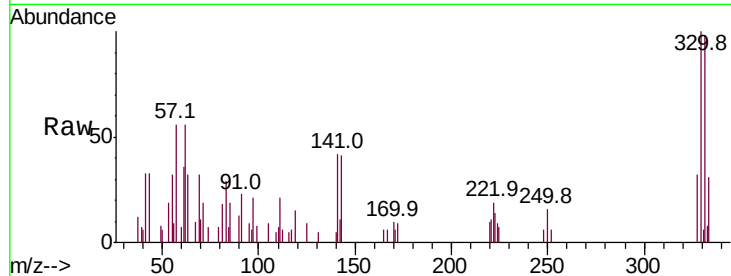




#42
 2,4,6-Tribromophenol
 Concen: 6.873 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	45.0	27.0	40.4

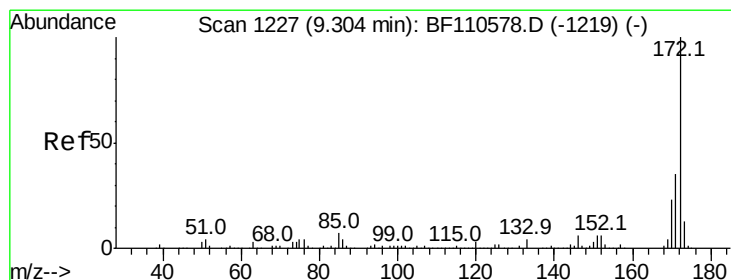
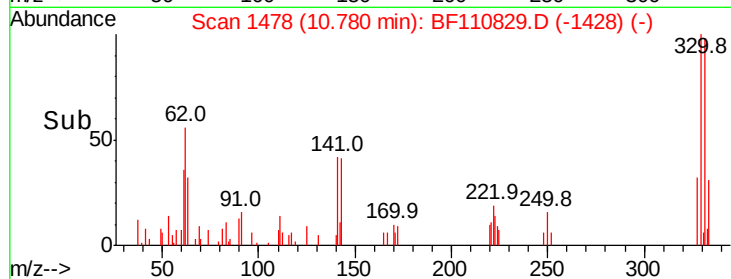
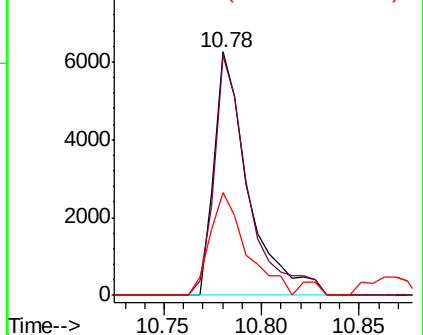


Abundance

Ion 329.80 (329.50 to 330.50): E

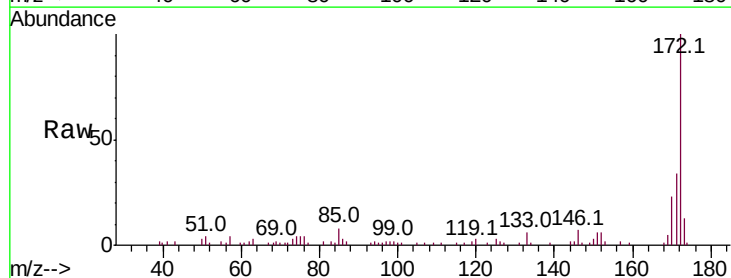
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 8.765 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110829.D
 Acq: 16 Nov 2018 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	43.0
170	23.4	19.7	29.5

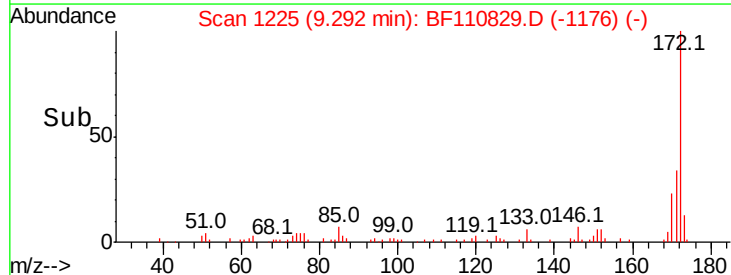
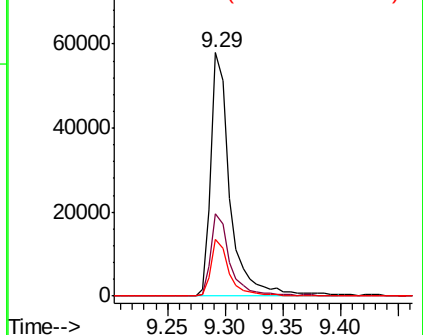


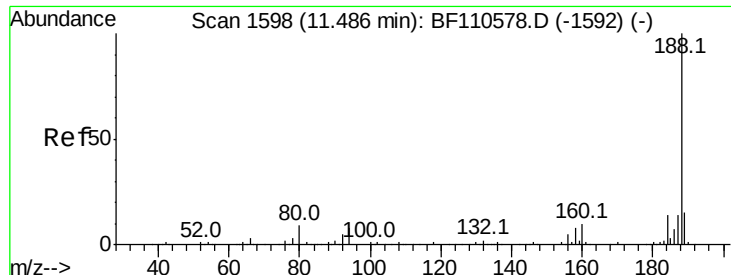
Abundance

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. -0.01 min

Lab File: BF110829.D

Acq: 16 Nov 2018 20:55

Instrument :

BNA_F

ClientSampleId :

VB44949

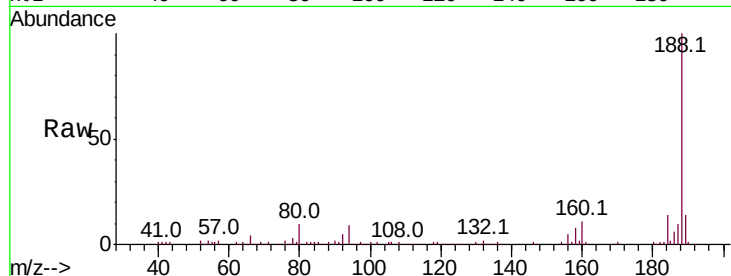
Tot Ion:188 Resp: 174009

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

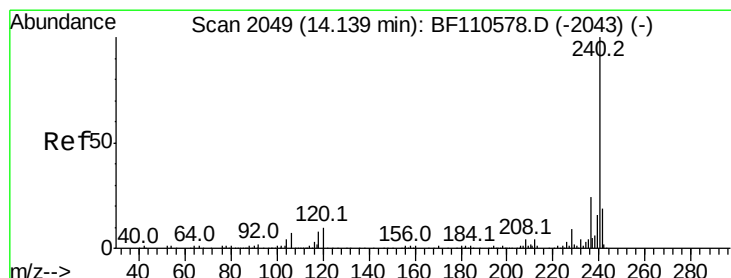
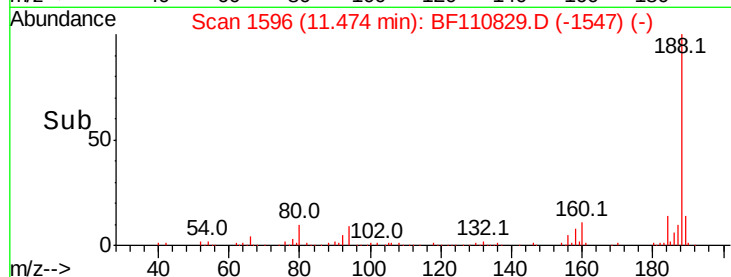
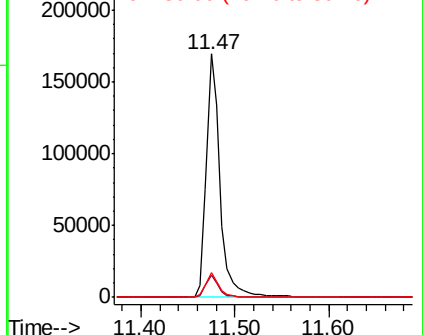
80 10.0 7.9 11.9



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# 2047

Delta R.T. -0.01 min

Lab File: BF110829.D

Acq: 16 Nov 2018 20:55

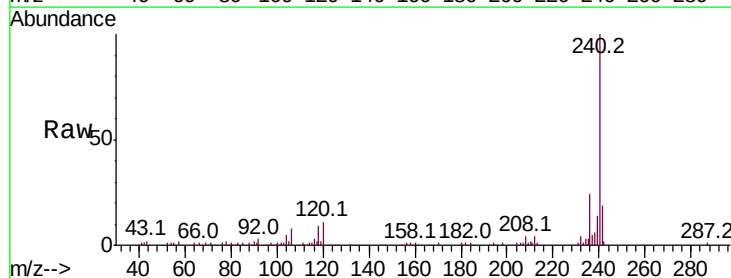
Tgt Ion:240 Resp: 142954

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

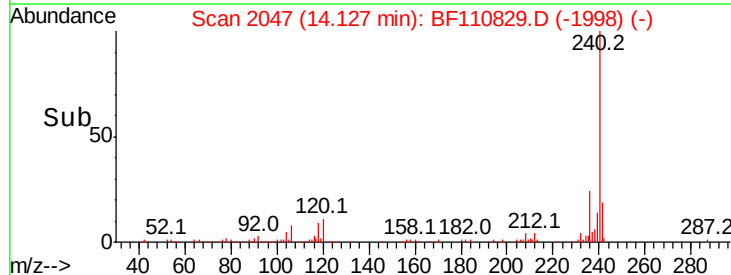
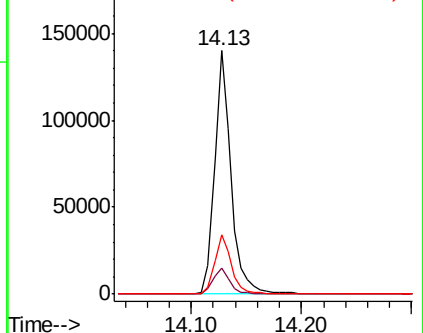
236 24.2 21.2 31.8

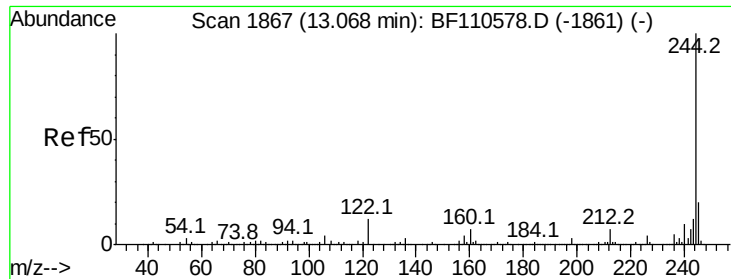


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 6.678 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110829.D

Acq: 16 Nov 2018 20:55

Instrument :

BNA_F

ClientSampleId :

VB44949

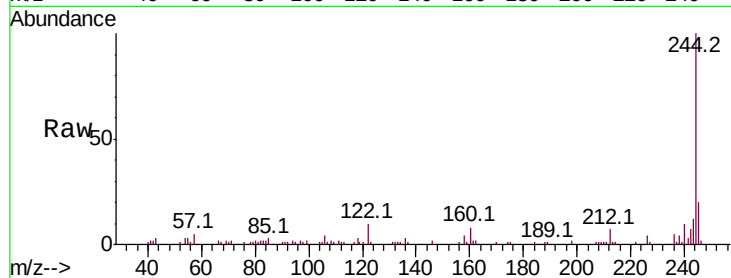
Tot Ion:244 Resp: 50979

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

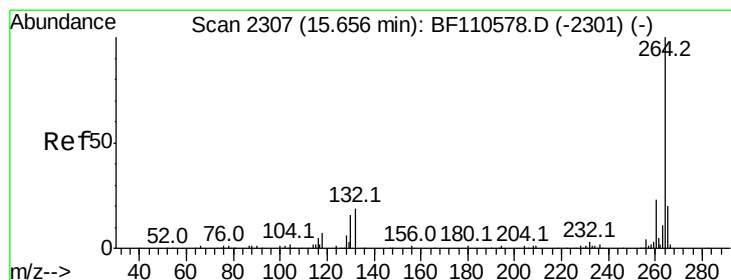
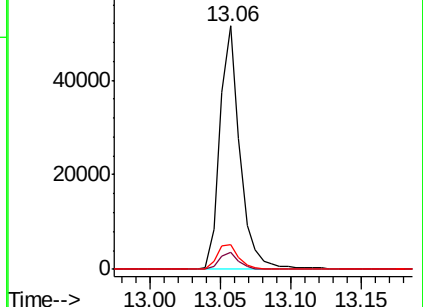
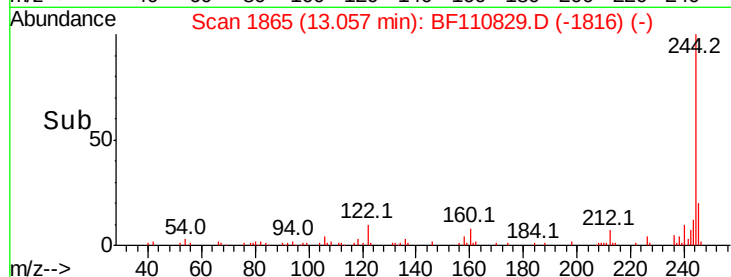
122 9.9 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110829.D

Acq: 16 Nov 2018 20:55

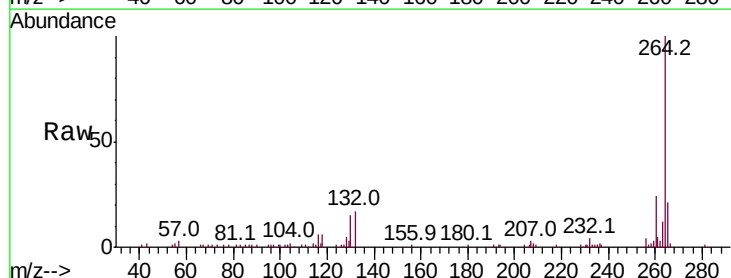
Tgt Ion:264 Resp: 106684

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.2 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

