

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110966.D
 Acq On : 26 Nov 2018 16:25
 Operator : JU/SJ
 Sample : SP4579
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP4579

Quant Time: Nov 27 10:33:28 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	61446	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	250263	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	120360	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	234067	20.00	ng	0.00
76) Chrysene-d12	14.13	240	173848	20.00	ng	0.00
87) Perylene-d12	15.66	264	130945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	538847	145.43	ng	0.02
7) Phenol-d6	6.57	99	666058	137.94	ng	0.00
23) Nitrobenzene-d5	7.50	82	425603	97.33	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	164801	137.87	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	792997	95.45	ng	0.00
79) Terphenyl-d14	13.06	244	855982	95.85	ng	0.00

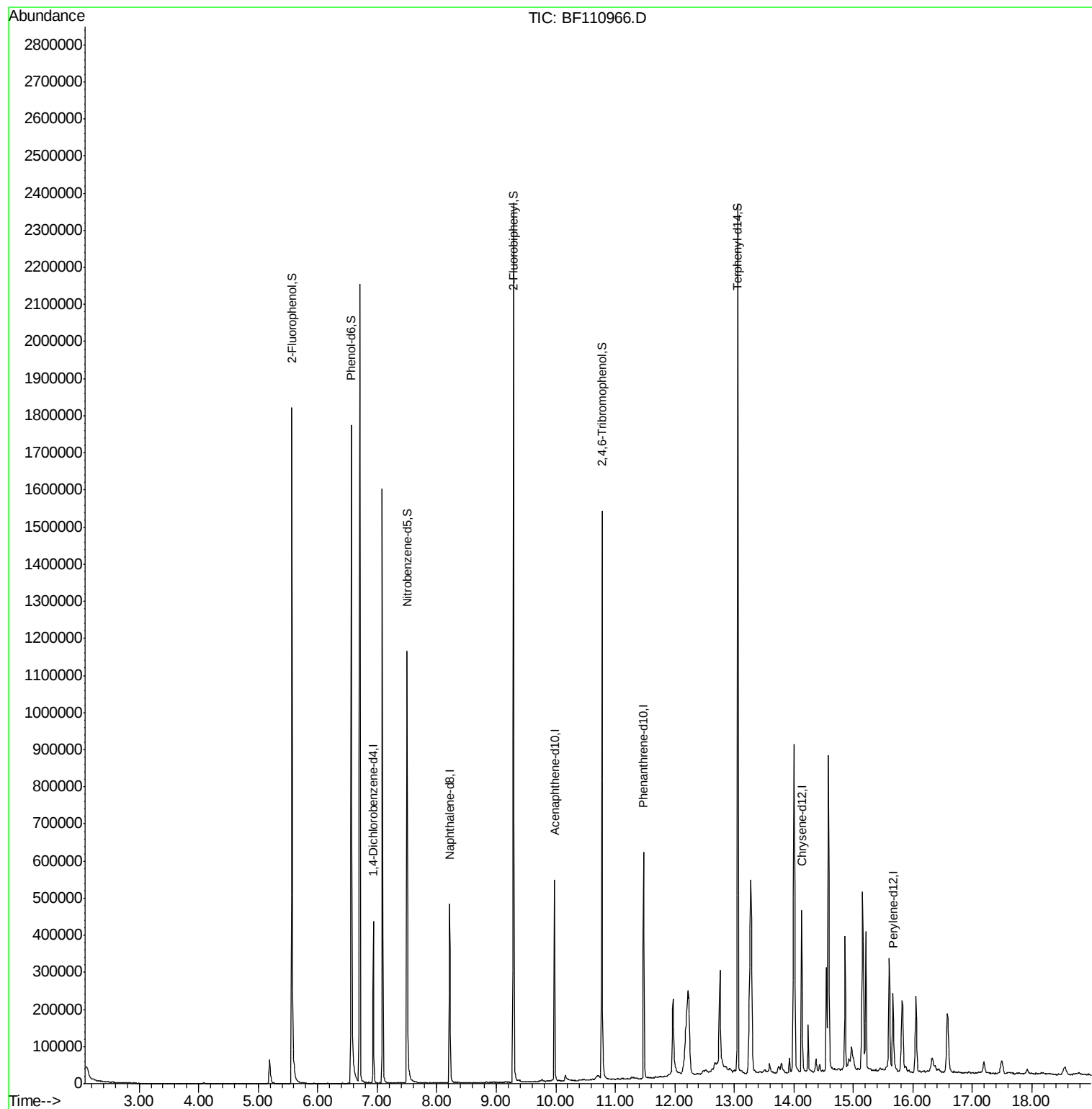
Target Compounds Qvalue

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

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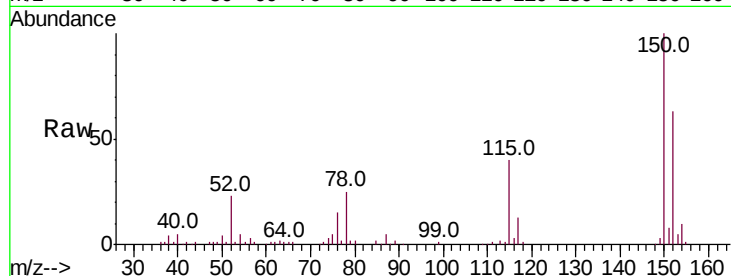


#1

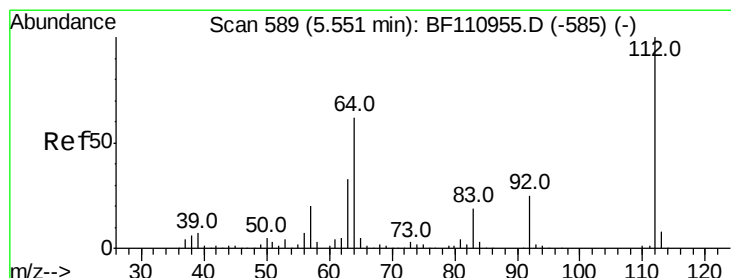
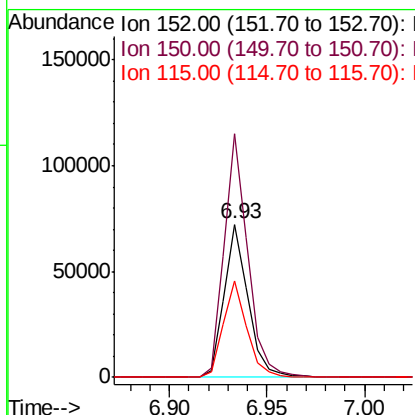
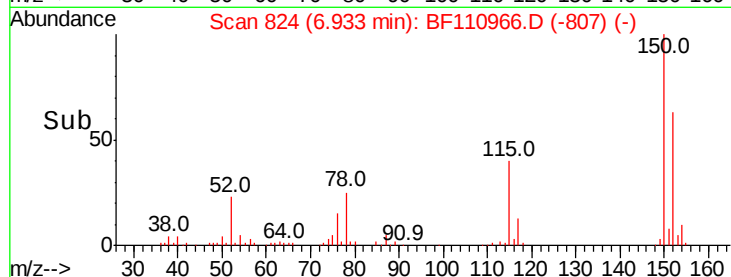
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :
SP4579

Tot Ion:152 Resp: 61446
Ion Ratio Lower Upper
152 100
150 159.2 122.7 184.1
115 63.0 49.1 73.7



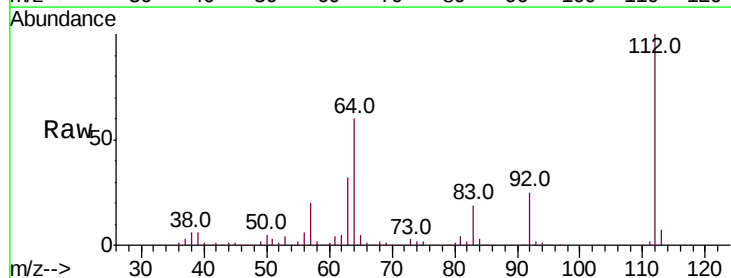
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



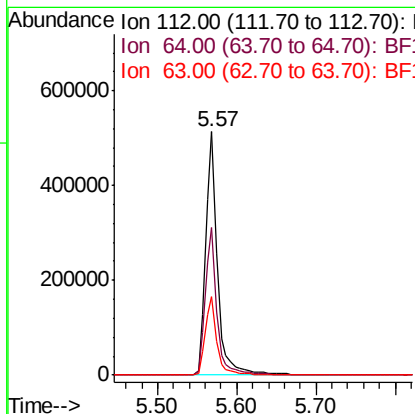
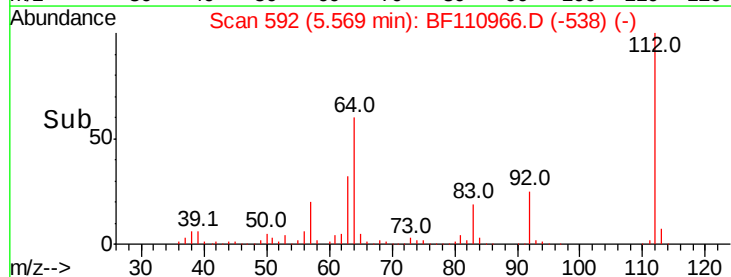
#5

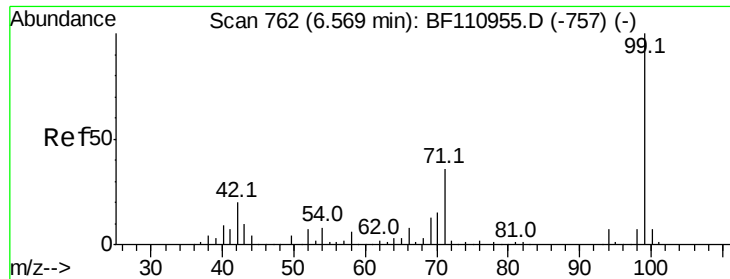
2-Fluorophenol
Concen: 145.425 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.02 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion:112 Resp: 538847
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 32.5 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: 137.939 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF110966.D

Acq: 26 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

SP4579

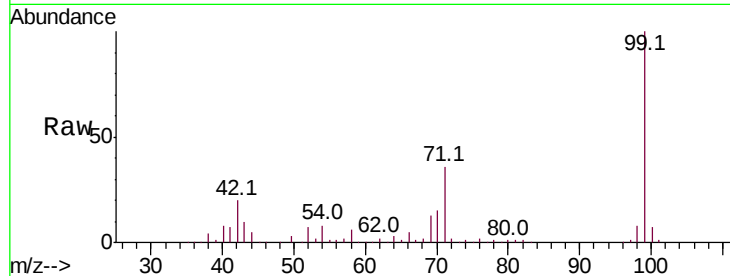
Tot Ion: 99 Resp: 666058

Ion Ratio Lower Upper

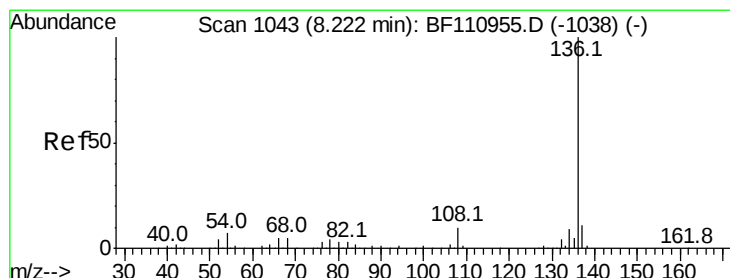
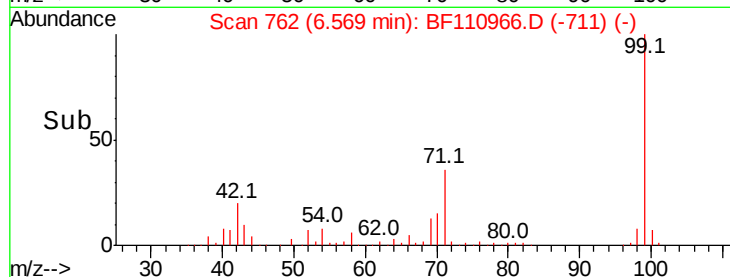
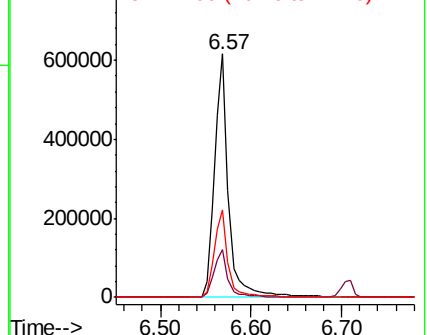
99 100

42 19.9 15.8 23.6

71 36.1 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: BF110966.D

Acq: 26 Nov 2018 16:25

Tgt Ion: 136 Resp: 250263

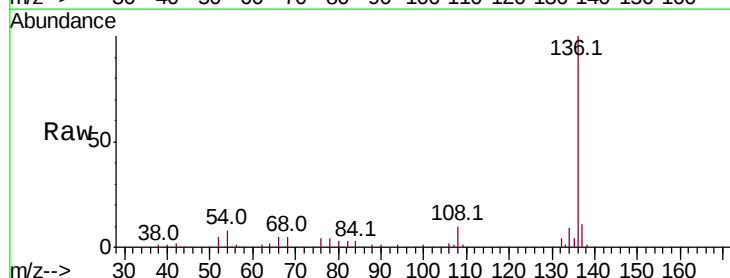
Ion Ratio Lower Upper

136 100

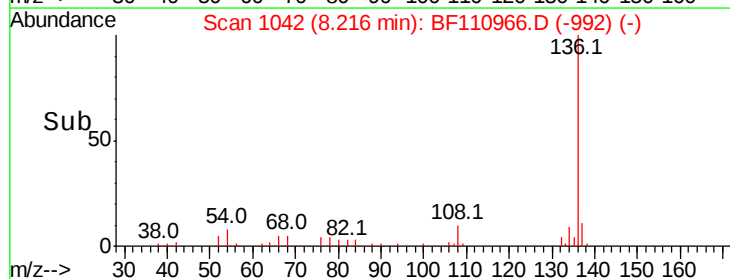
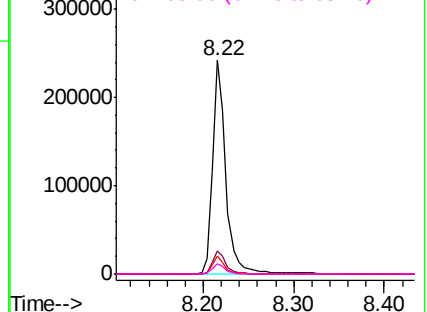
137 10.7 8.8 13.2

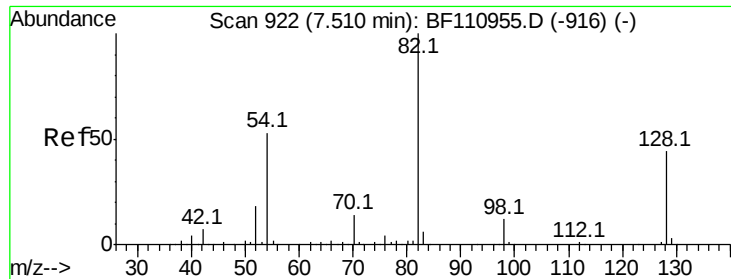
54 8.1 5.4 8.2

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

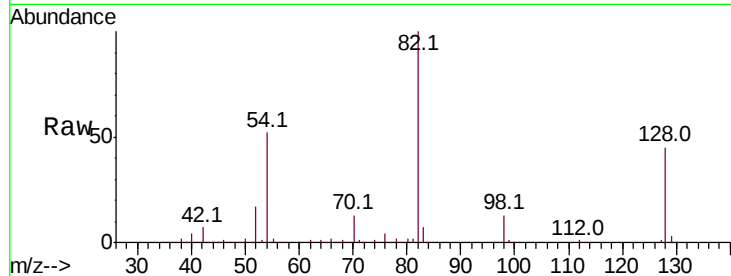




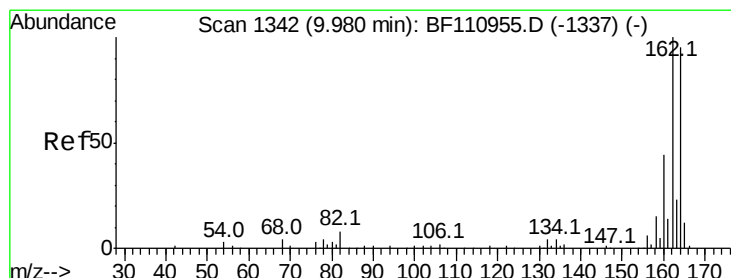
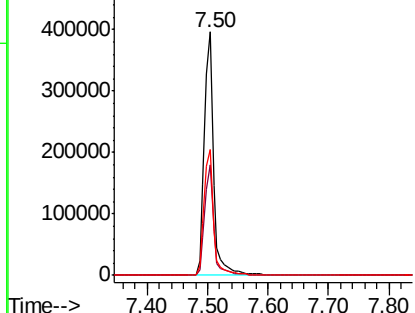
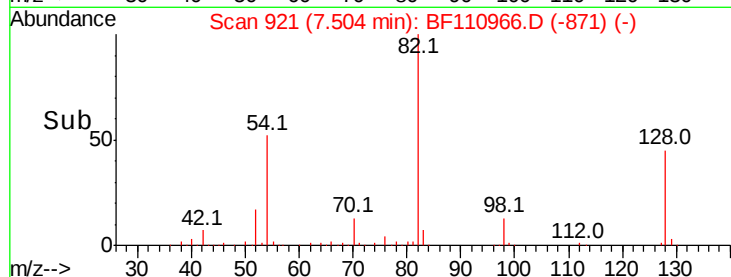
#23
Nitrobenzene-d5
Concen: 97.328 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :
SP4579

Tot Ion	82	Resp	425603
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.2	51.2
54	51.7	38.6	58.0

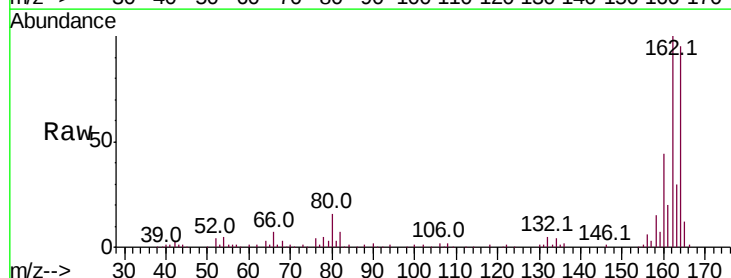


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

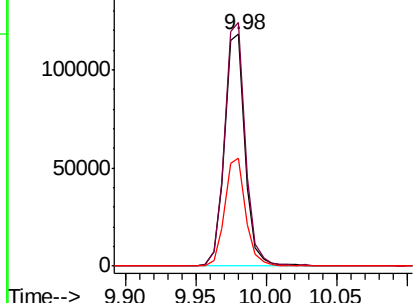
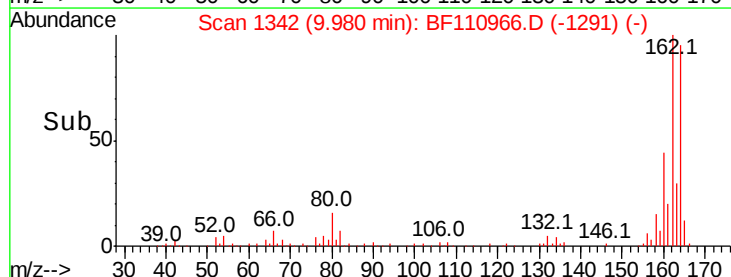


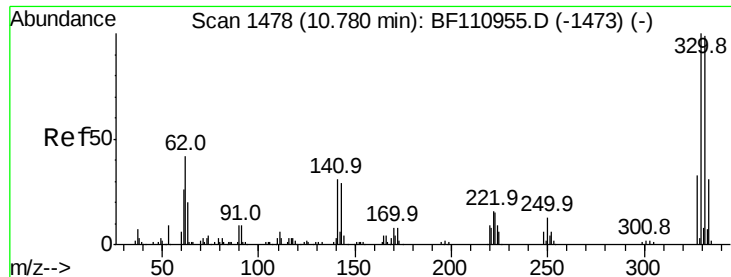
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion	164	Resp	120360
Ion Ratio	Lower	Upper	
164	100		
162	105.0	83.0	124.6
160	46.5	37.0	55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

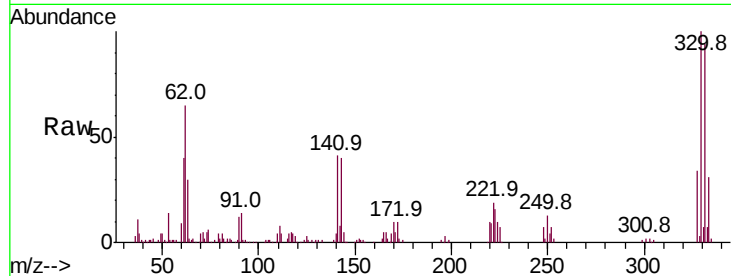




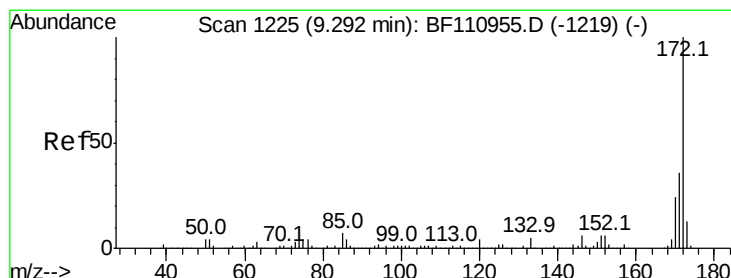
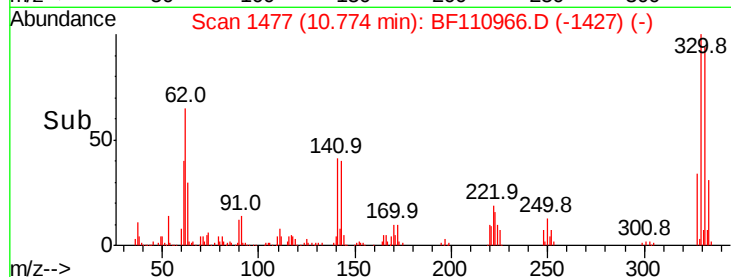
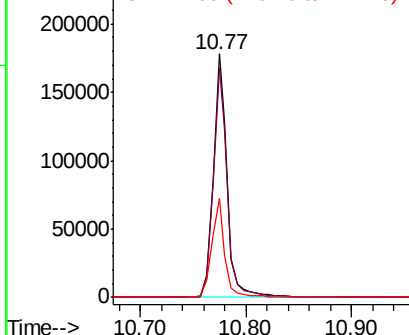
#42
 2,4,6-Tribromophenol
 Concen: 137.870 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110966.D
 Acq: 26 Nov 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SP4579

Tot Ion:330 Resp: 164801
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 38.6 27.0 40.4

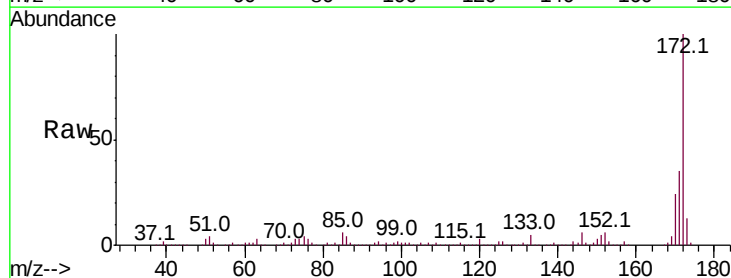


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

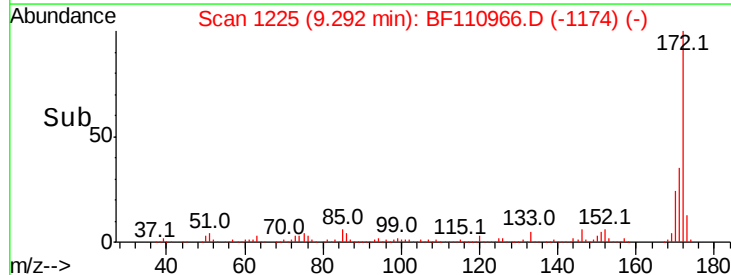
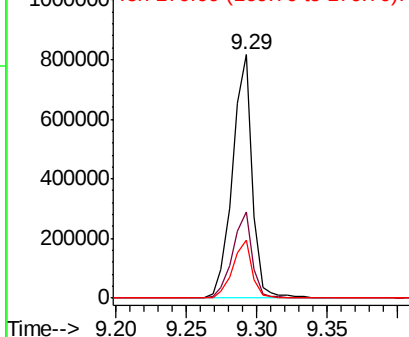


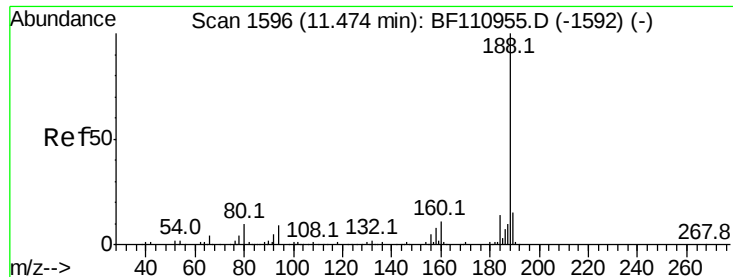
#45
 2-Fluorobiphenyl
 Concen: 95.453 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF110966.D
 Acq: 26 Nov 2018 16:25

Tgt Ion:172 Resp: 792997
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.9 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

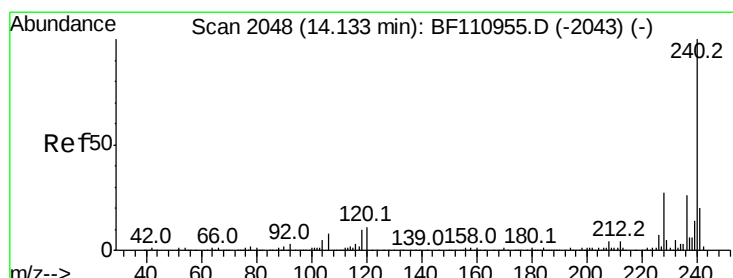
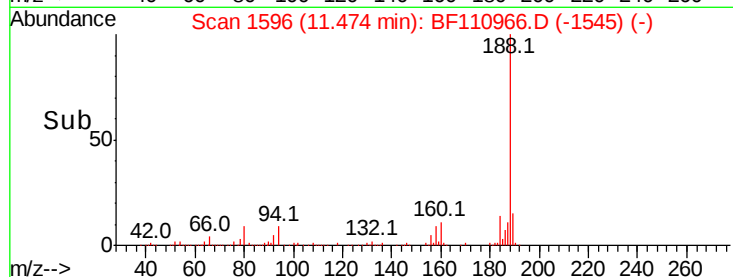
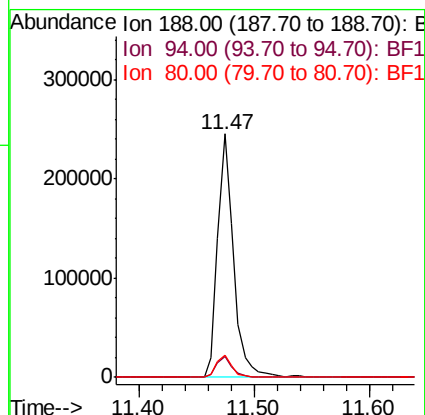
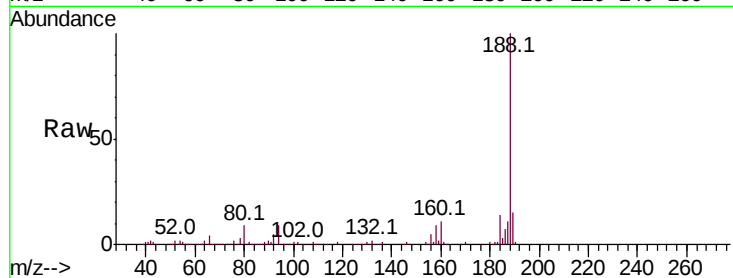




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

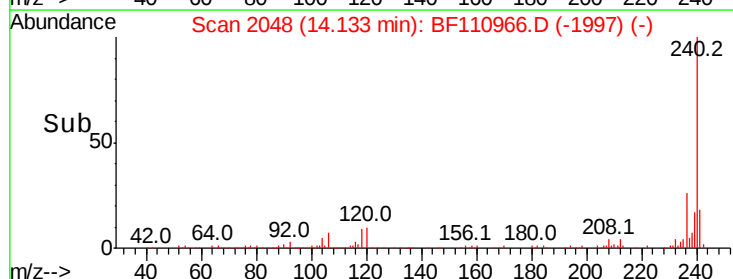
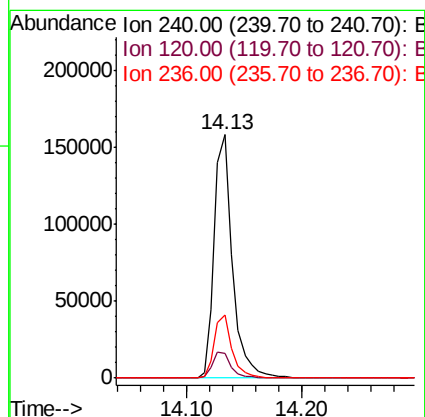
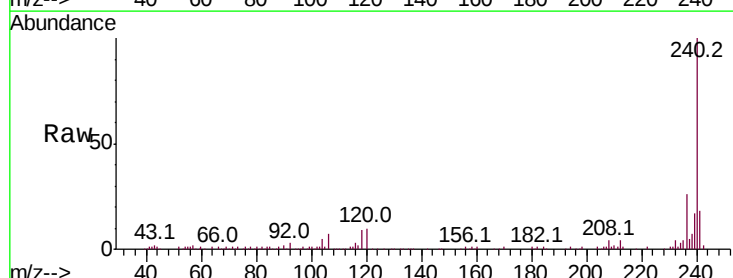
Instrument :
BNA_F
ClientSampleId :
SP4579

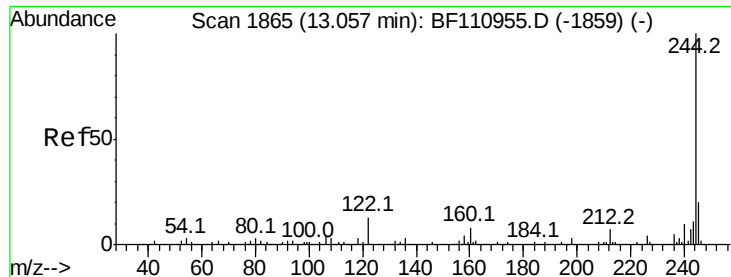
Tot Ion:188 Resp: 234067
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion:240 Resp: 173848
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 95.848 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF110966.D

Acq: 26 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

SP4579

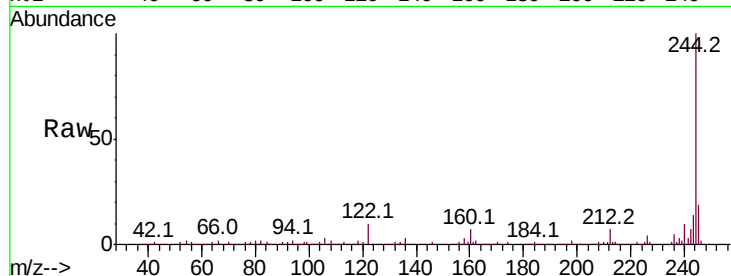
Tot Ion:244 Resp: 855982

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

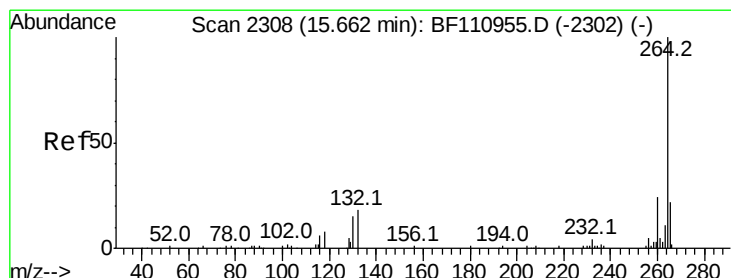
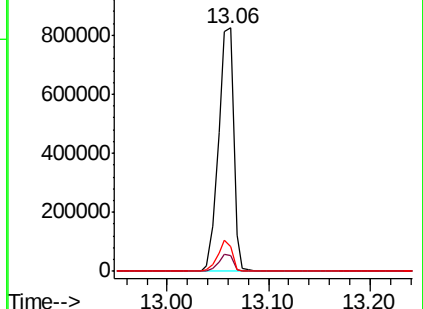
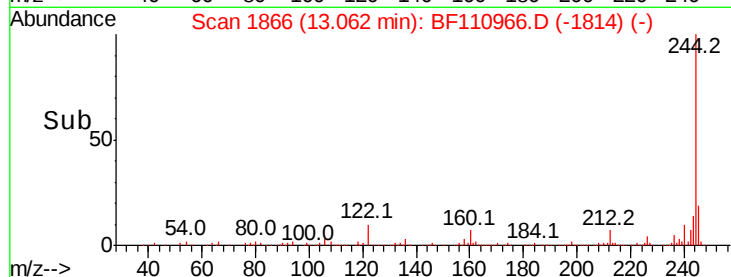
122 10.1 8.7 13.1



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. -0.00 min

Lab File: BF110966.D

Acq: 26 Nov 2018 16:25

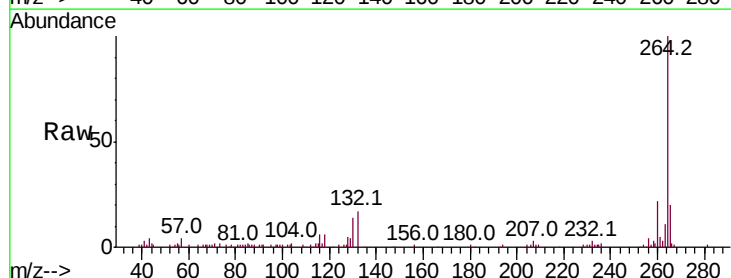
Tgt Ion:264 Resp: 130945

Ion Ratio Lower Upper

264 100

260 22.1 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

