

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111103.D
 Acq On : 29 Nov 2018 21:05
 Operator : JU/SJ
 Sample : J6085-04 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS

Quant Time: Nov 30 03:53:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:35:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	44285	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	199137	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	86322	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	117684	20.00	ng	0.00
76) Chrysene-d12	14.13	240	114961	20.00	ng	0.00
87) Perylene-d12	15.66	264	84057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	8017	3.00	ng	0.06
7) Phenol-d6	6.63	99	8535	2.45	ng	0.06
23) Nitrobenzene-d5	7.53	82	23234	6.68	ng	0.02
42) 2,4,6-Tribromophenol	10.78	330	6161	7.19	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	49535	8.31	ng	0.00
79) Terphenyl-d14	13.06	244	39695	6.72	ng	0.00

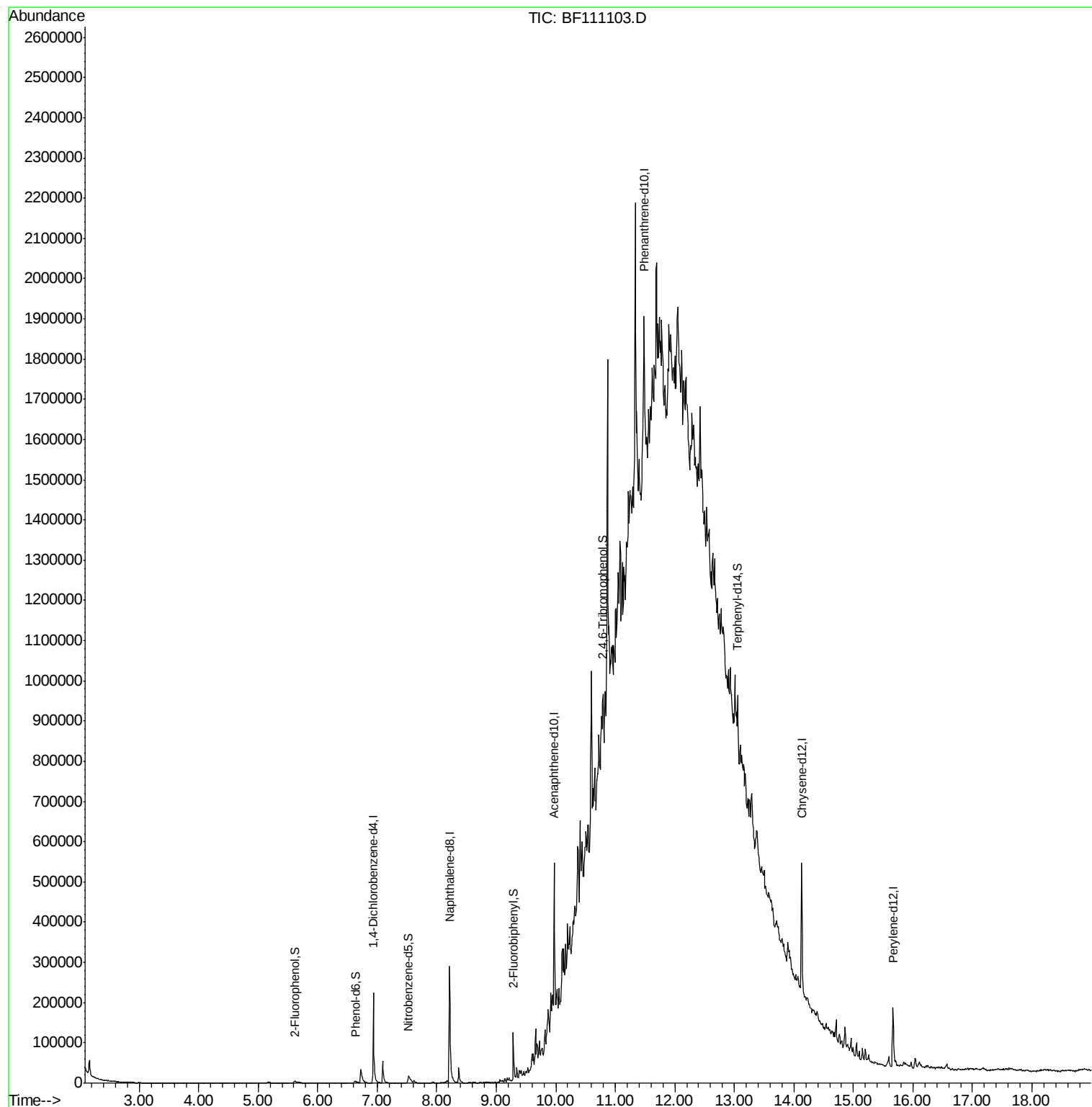
Target Compounds Qvalue

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

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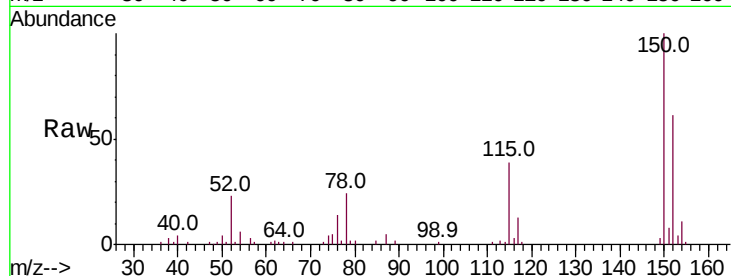


#1

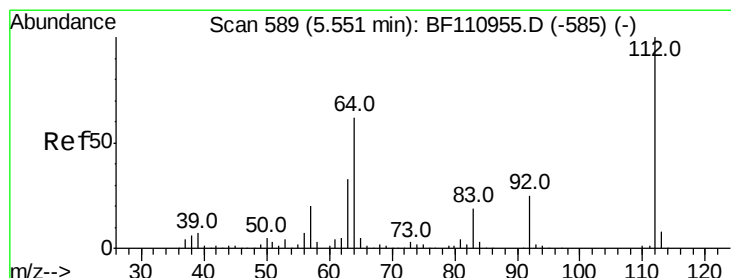
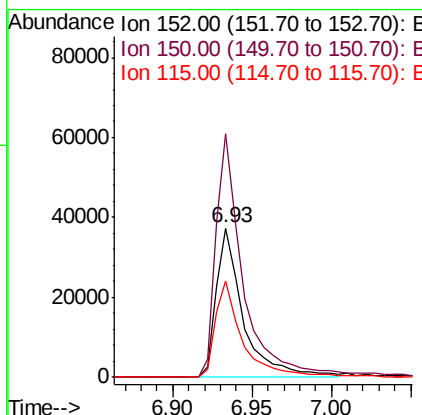
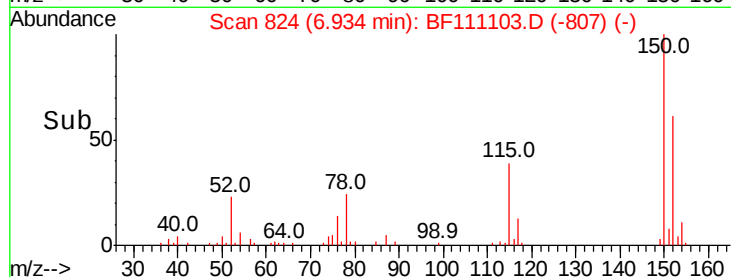
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111103.D
Acq: 29 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
NS

Tot Ion:152 Resp: 44285
Ion Ratio Lower Upper
152 100
150 162.9 122.7 184.1
115 64.3 49.1 73.7



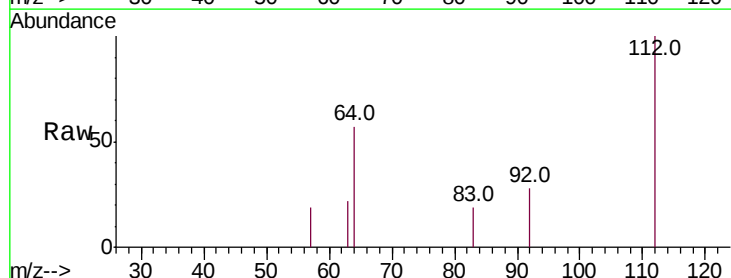
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



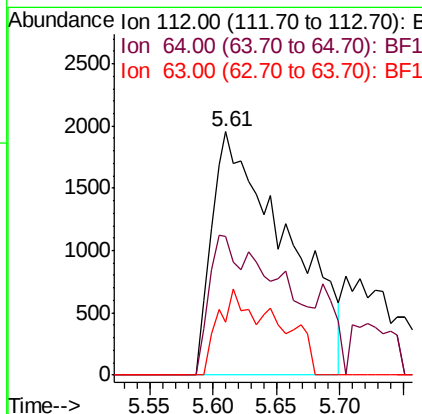
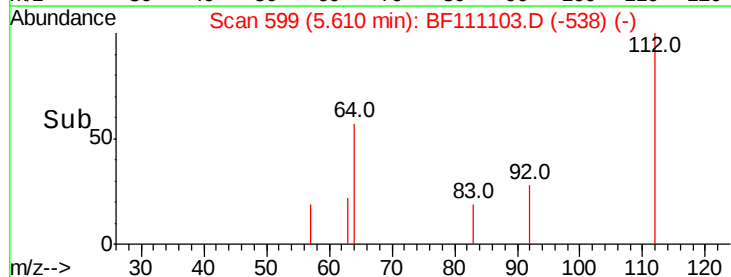
#5

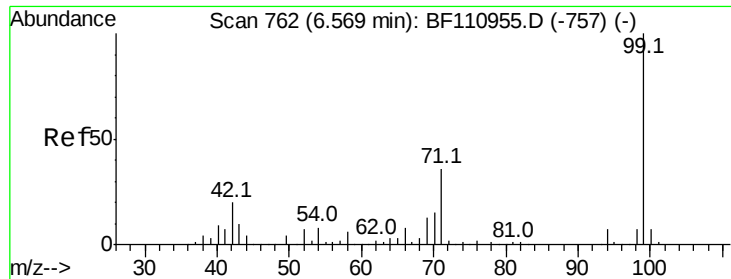
2-Fluorophenol
Concen: 3.002 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.06 min
Lab File: BF111103.D
Acq: 29 Nov 2018 21:05

Tgt Ion:112 Resp: 8017
Ion Ratio Lower Upper
112 100
64 56.9 44.1 66.1
63 21.8 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: 2.453 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.06 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

Instrument :

BNA_F

ClientSampled :

NS

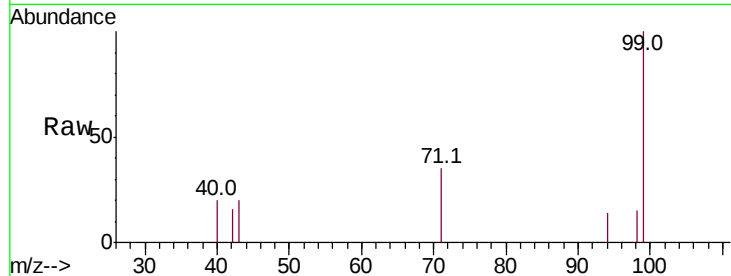
Tot Ion: 99 Resp: 8535

Ion Ratio Lower Upper

99 100

42 16.0 15.8 23.6

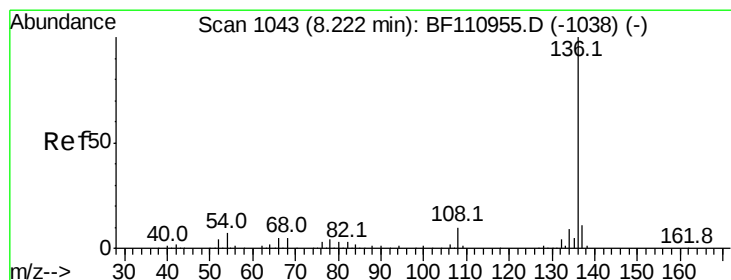
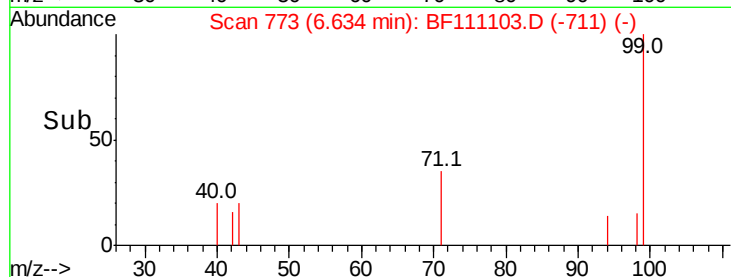
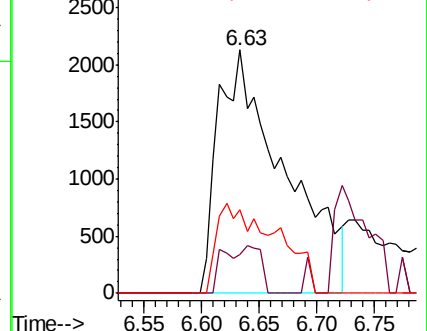
71 34.6 28.0 42.0



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# 1042

Delta R.T. -0.01 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

Tgt Ion: 136 Resp: 199137

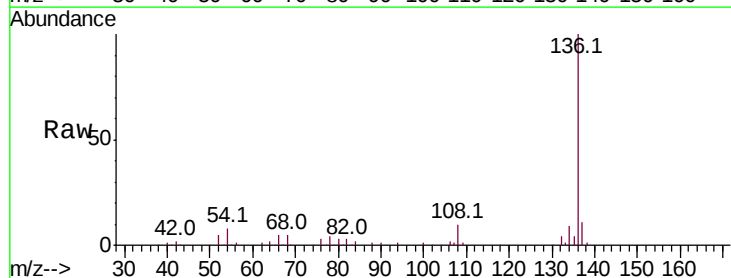
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.9 5.4 8.2

68 5.3 4.2 6.2

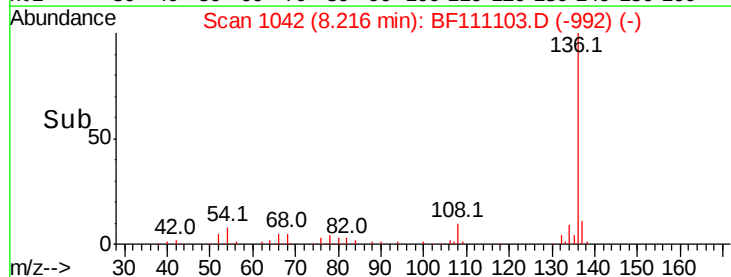
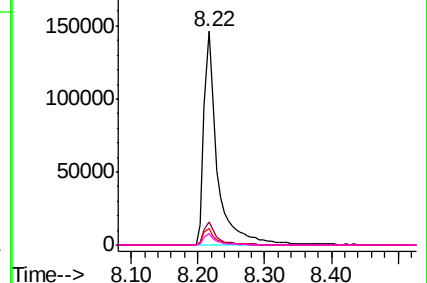


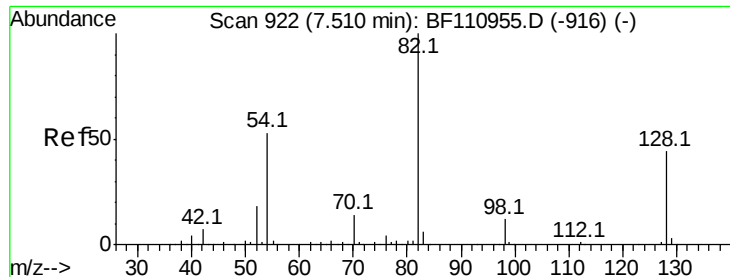
Abundance Ion 136.00 (135.70 to 136.70): E

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

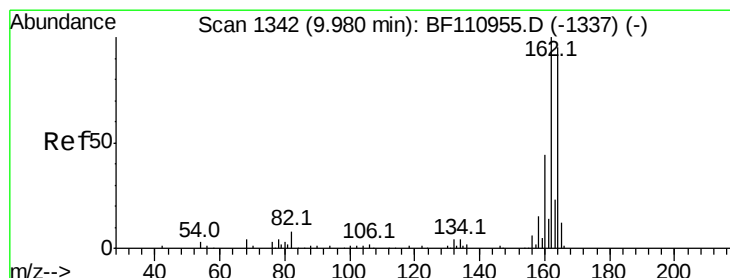
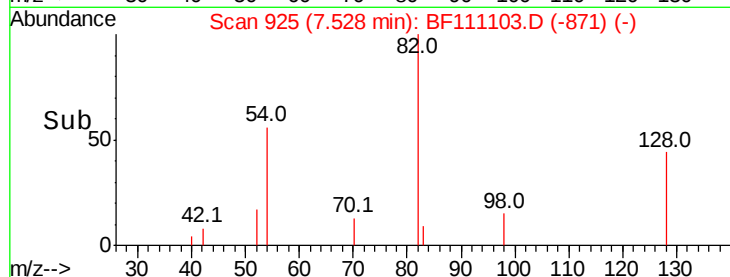
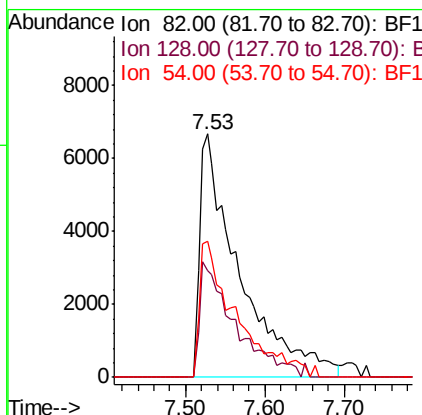
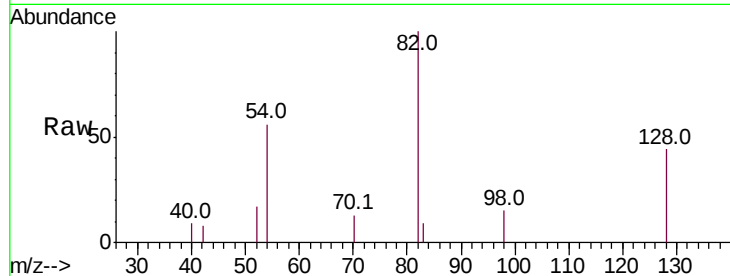




#23
 Nitrobenzene-d5
 Concen: 6.677 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.02 min
 Lab File: BF111103.D
 Acq: 29 Nov 2018 21:05

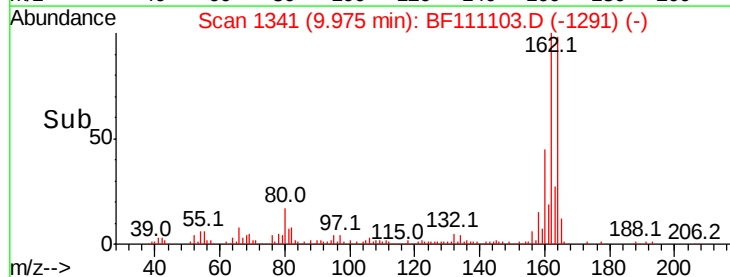
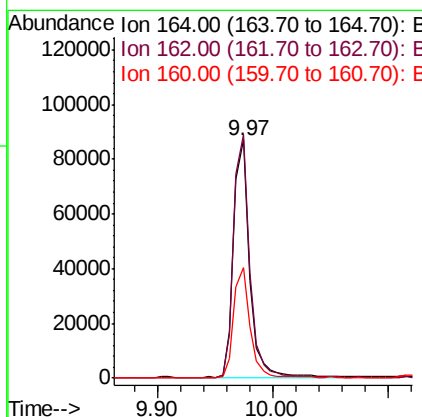
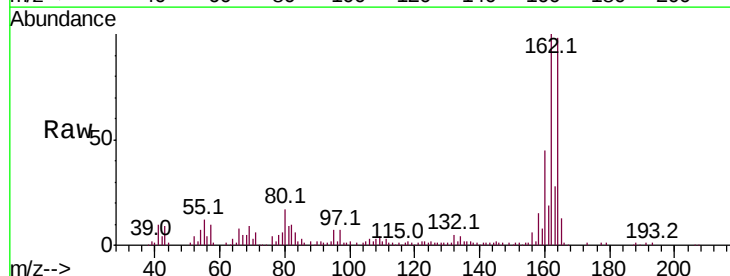
Instrument :
 BNA_F
 ClientSampleId :
 NS

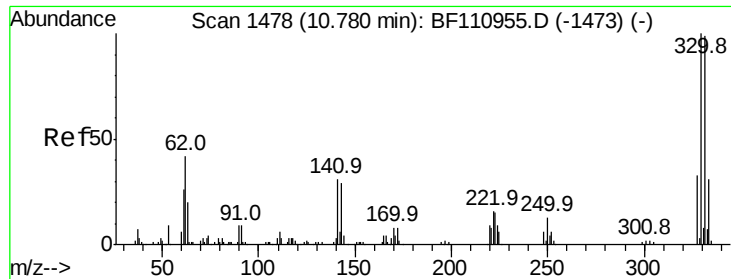
Tot Ion	82	Resp	23234
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.2	51.2
54	55.7	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111103.D
 Acq: 29 Nov 2018 21:05

Tgt Ion	164	Resp	86322
Ion Ratio	Lower	Upper	
164	100		
162	102.3	83.0	124.6
160	46.4	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 7.187 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

Instrument :

BNA_F

ClientSampled :

NS

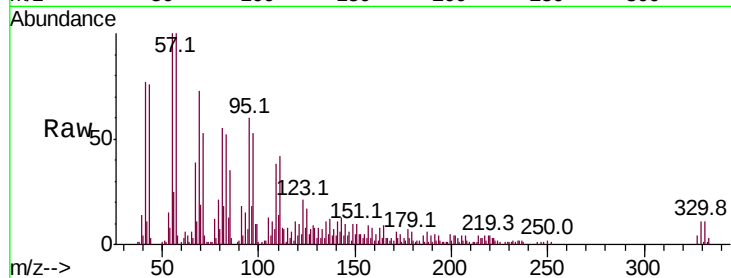
Tot Ion:330 Resp: 6161

Ion Ratio Lower Upper

330 100

332 98.8 77.1 115.7

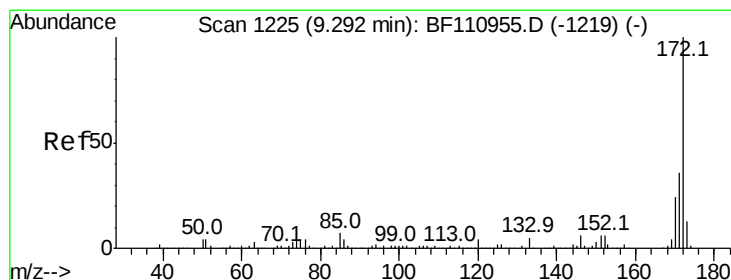
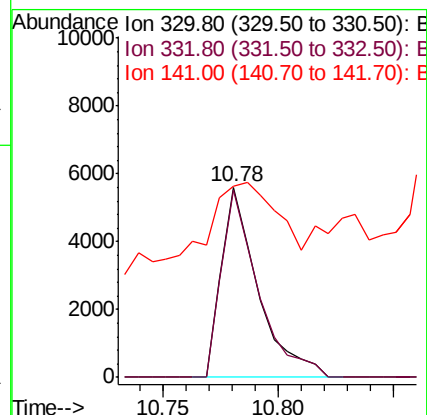
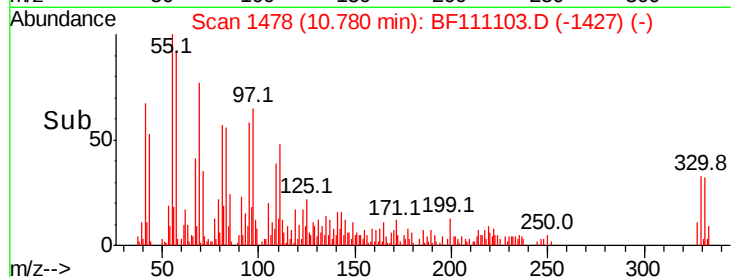
141 68.4 27.0 40.4#



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: 8.314 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

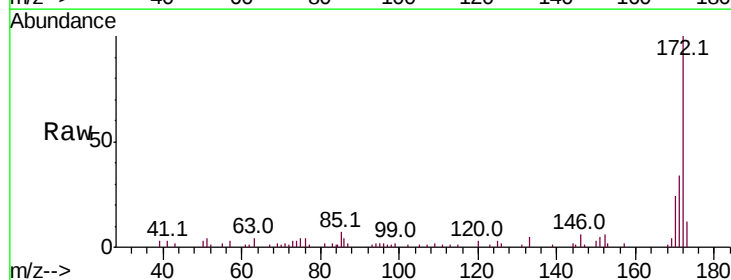
Tgt Ion:172 Resp: 49535

Ion Ratio Lower Upper

172 100

171 34.4 28.6 43.0

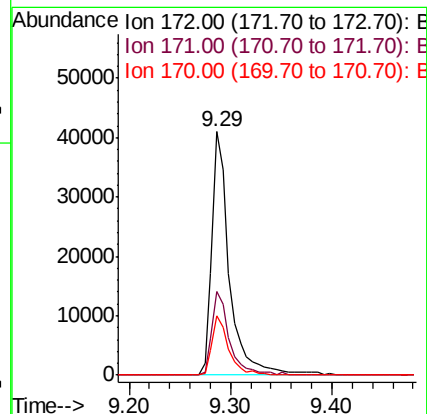
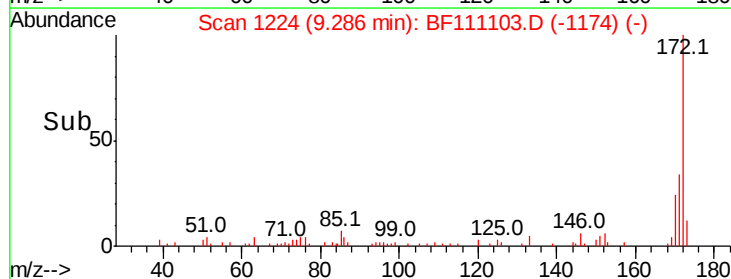
170 24.2 19.7 29.5

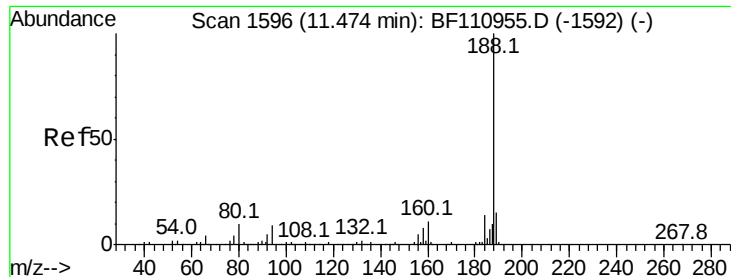


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF111103.D

Acq: 29 Nov 2018 21:05

Instrument :

BNA_F

ClientSampleId :

NS

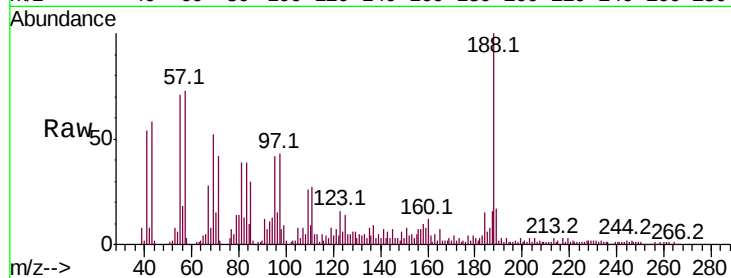
Tot Ion:188 Resp: 117684

Ion Ratio Lower Upper

188 100

94 13.2 7.2 10.8#

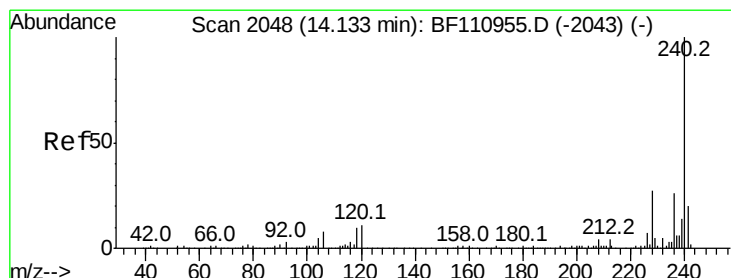
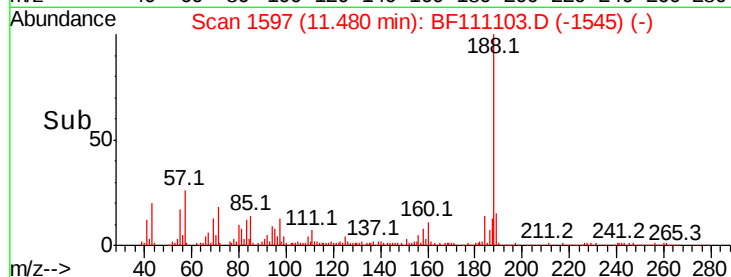
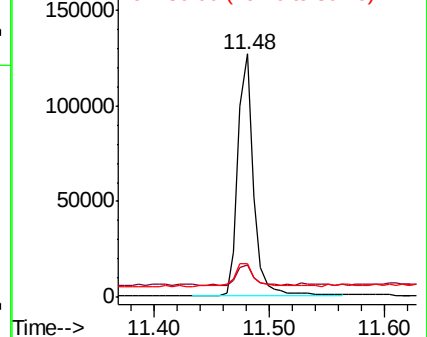
80 13.6 7.9 11.9#



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. -0.00 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

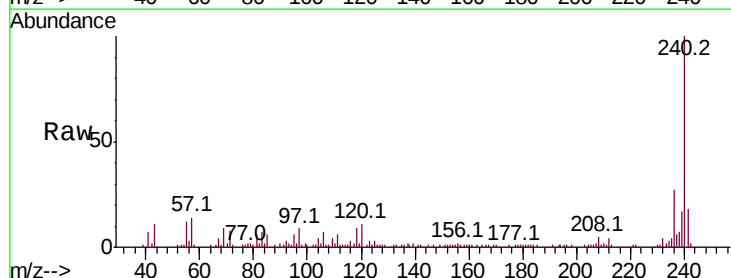
Tgt Ion:240 Resp: 114961

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

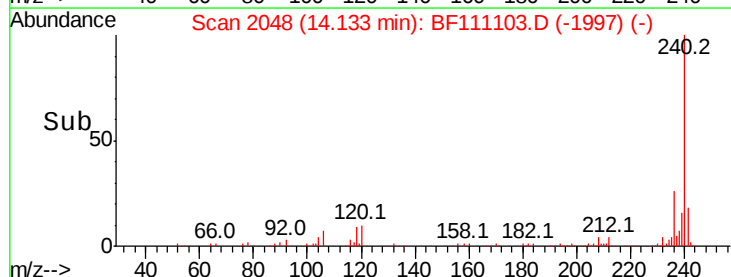
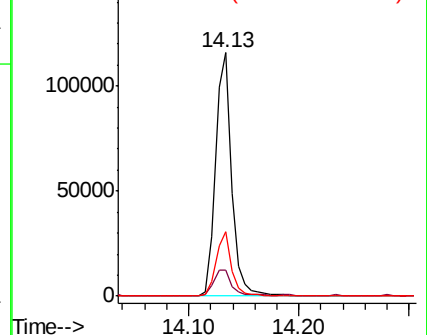
236 26.6 21.2 31.8

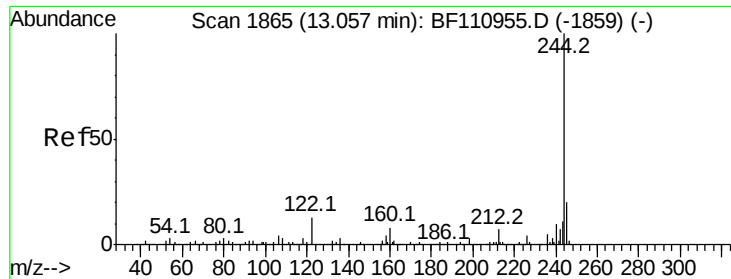


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 6.722 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

Instrument :

BNA_F

ClientSampleId :

NS

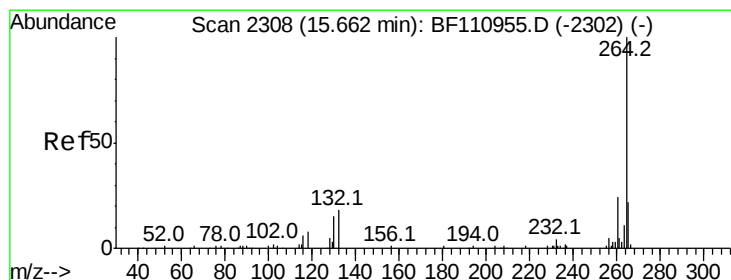
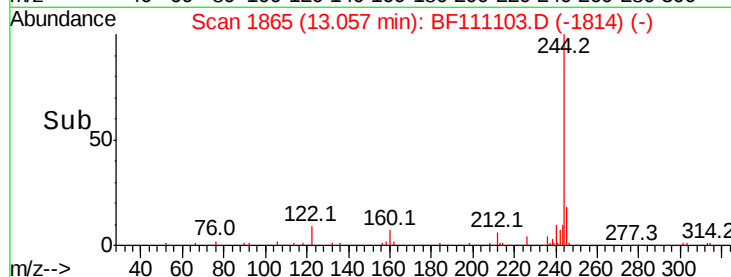
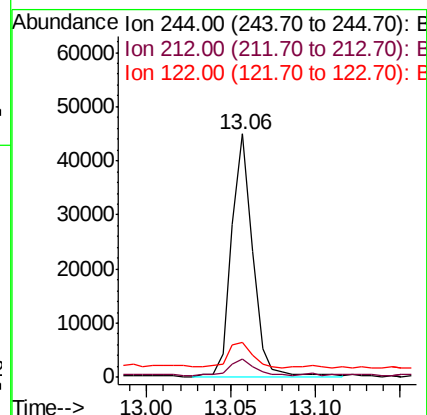
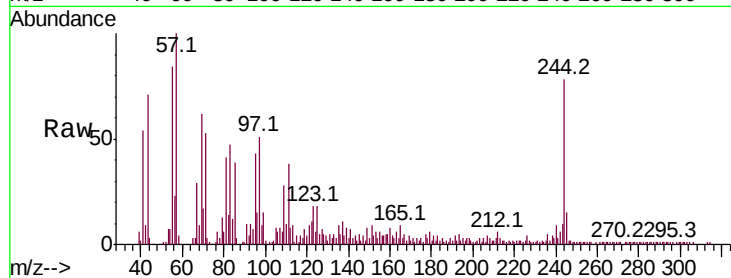
Tot Ion:244 Resp: 39695

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 14.5 8.7 13.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF111103.D

Acq: 29 Nov 2018 21:05

Tgt Ion:264 Resp: 84057

Ion Ratio Lower Upper

264 100

260 25.3 18.7 28.1

265 21.7 16.7 25.1

