

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111013.D
 Acq On : 27 Nov 2018 16:51
 Operator : JU/SJ
 Sample : J6060-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180947-COMPOSITE-6

Quant Time: Nov 27 17:39:18 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

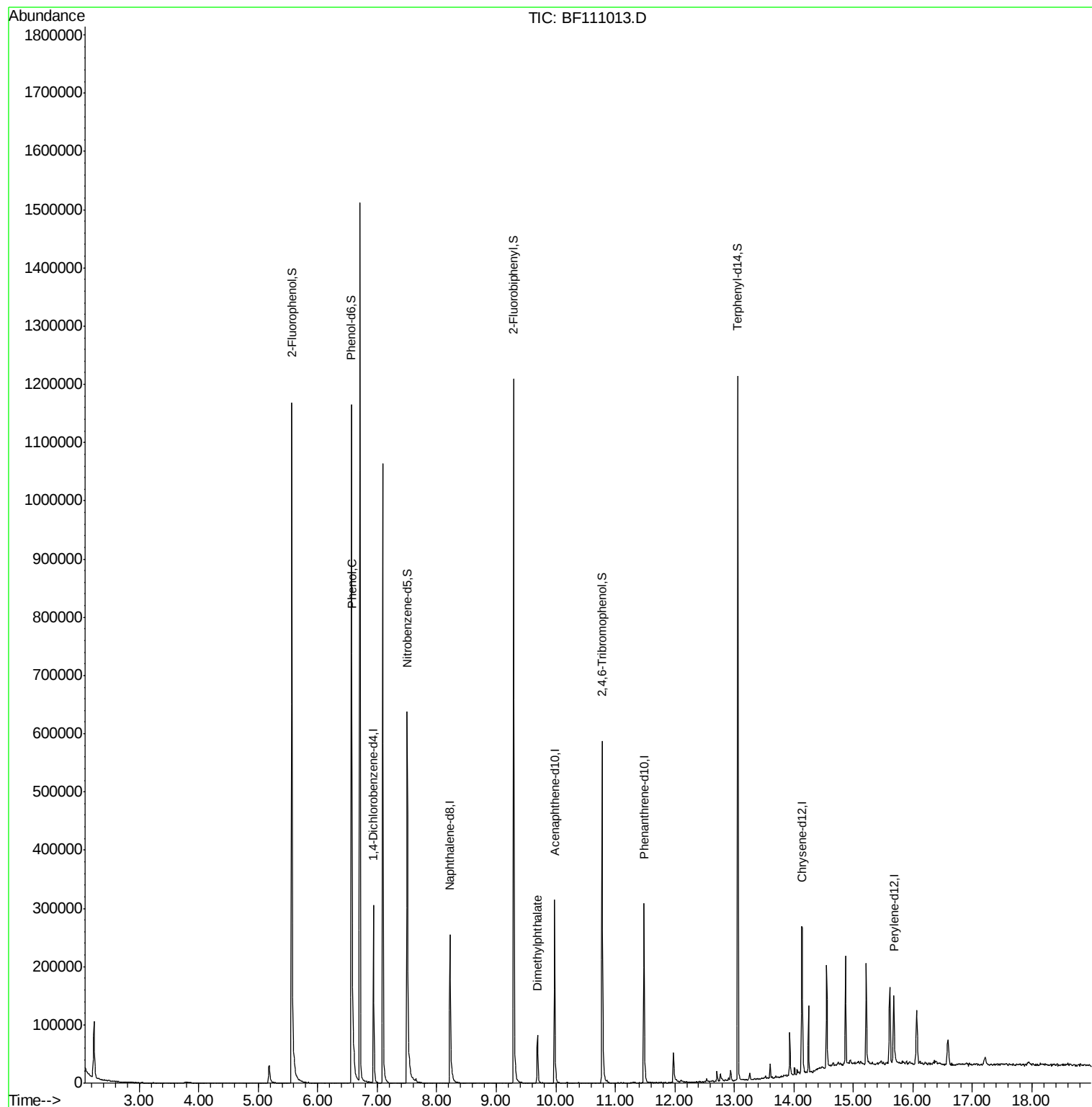
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	46799	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	168215	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	68000	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	135192	20.00	ng	0.00
76) Chrysene-d12	14.14	240	105271	20.00	ng	0.00
87) Perylene-d12	15.68	264	67593	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	363342	128.75	ng	0.01
7) Phenol-d6	6.57	99	430343	117.02	ng	0.00
23) Nitrobenzene-d5	7.50	82	257656	87.66	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	85380	126.43	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	398334	84.87	ng	0.00
79) Terphenyl-d14	13.06	244	412705	76.32	ng	0.00
Target Compounds						
10) Phenol	6.58	94	22915	5.533	ng	79
50) Dimethylphthalate	9.69	163	46018	9.227	ng	100

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

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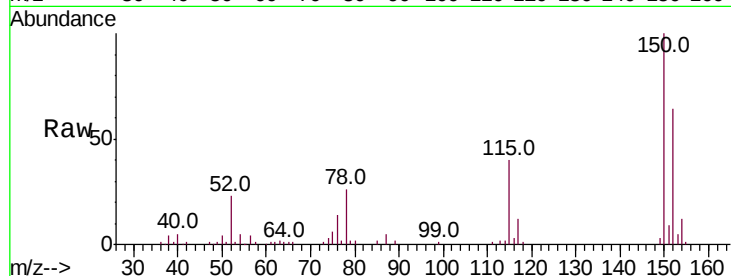


#1

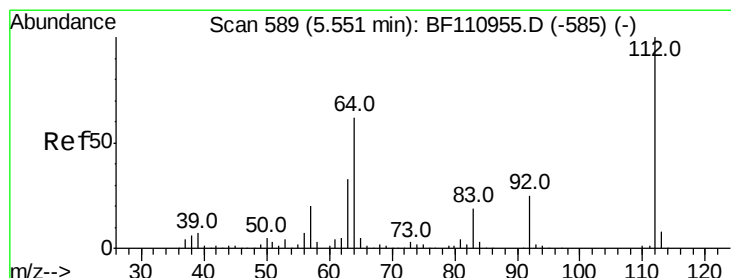
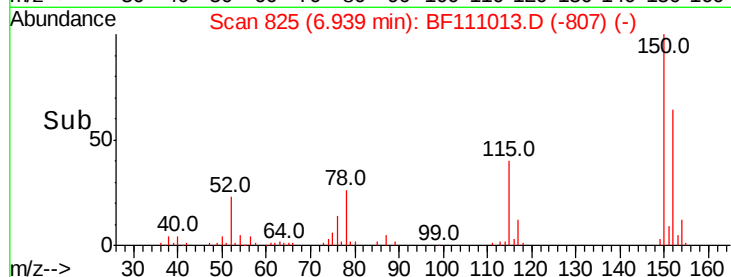
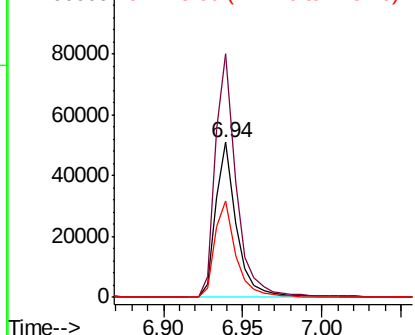
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Instrument :
BNA_F
ClientSampleId :
20180947-COMPOSITE-6

Tot Ion:152 Resp: 46799
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 62.4 49.1 73.7



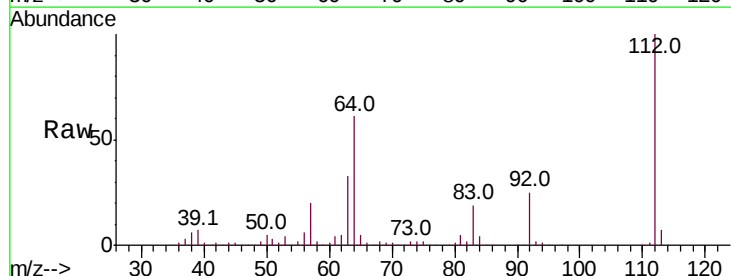
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



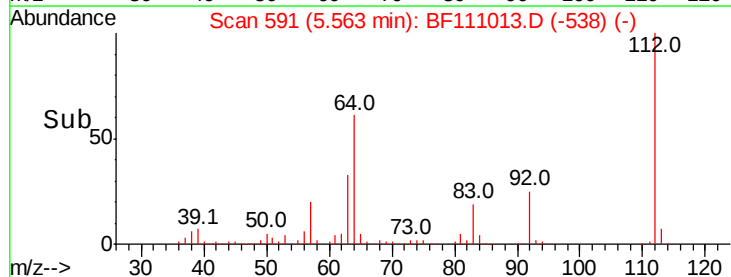
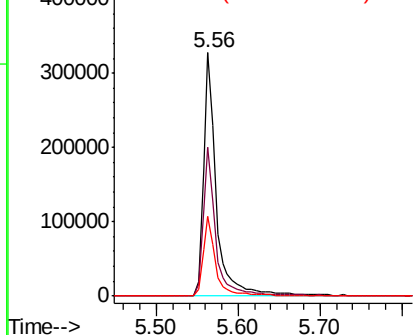
#5

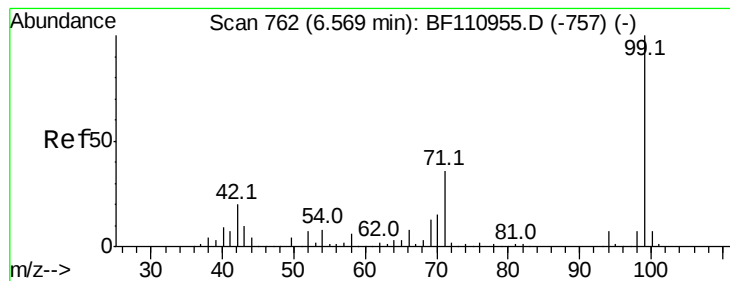
2-Fluorophenol
Concen: 128.750 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Tgt Ion:112 Resp: 363342
Ion Ratio Lower Upper
112 100
64 61.4 44.1 66.1
63 32.6 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: 117.016 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

Instrument :

BNA_F

ClientSampleId :

20180947-COMPOSITE-6

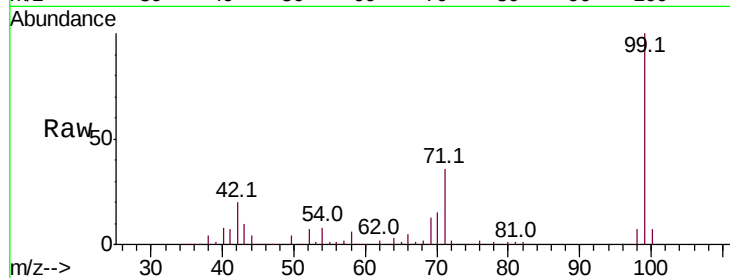
Tot Ion: 99 Resp: 430343

Ion Ratio Lower Upper

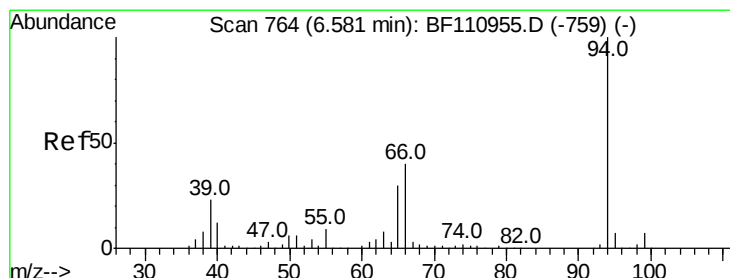
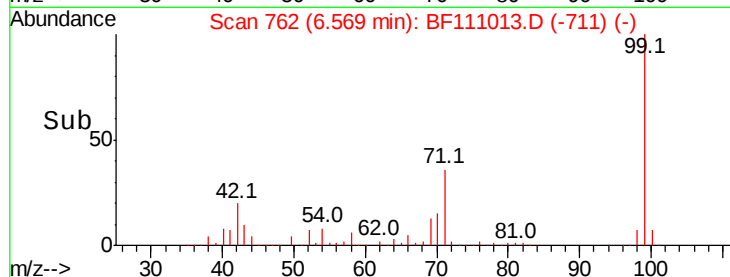
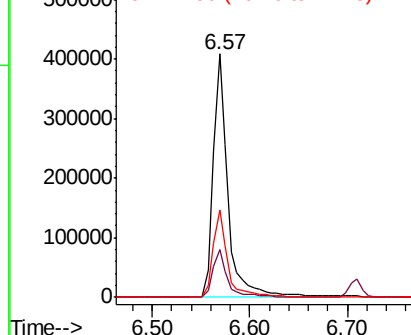
99 100

42 19.5 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



#10

Phenol

Concen: 5.533 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

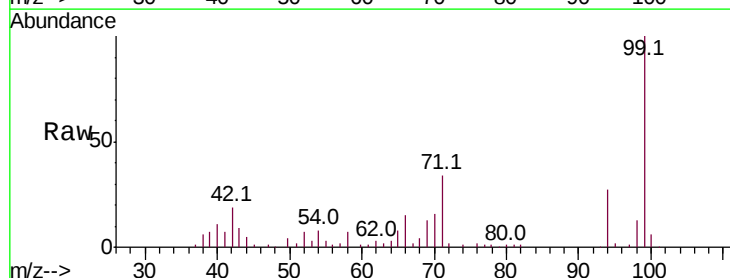
Tgt Ion: 94 Resp: 22915

Ion Ratio Lower Upper

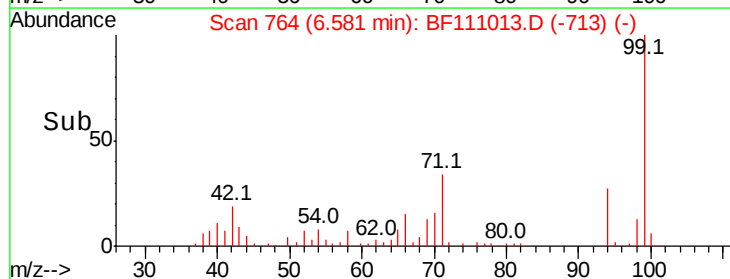
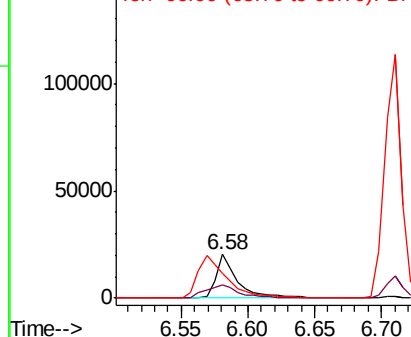
94 100

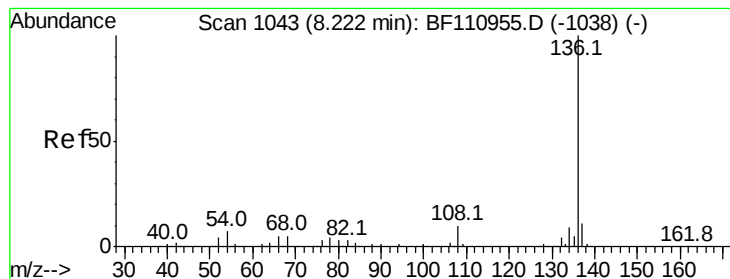
65 31.3 25.3 65.3

66 57.0 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

Instrument :

BNA_F

ClientSampleId :

20180947-COMPOSITE-6

Tot Ion:136 Resp: 168215

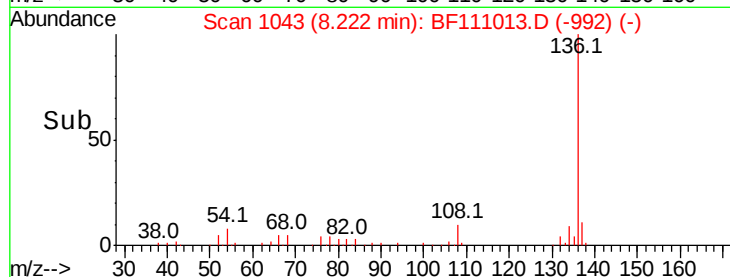
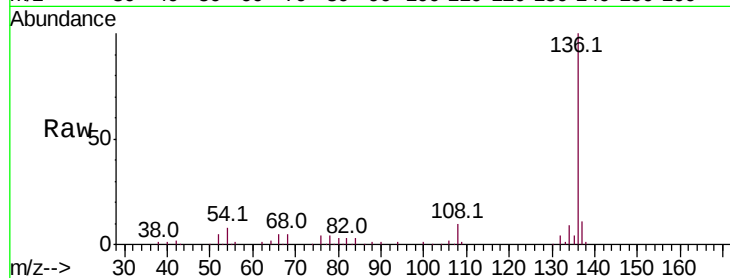
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.3 5.4 8.2#

68 4.7 4.2 6.2

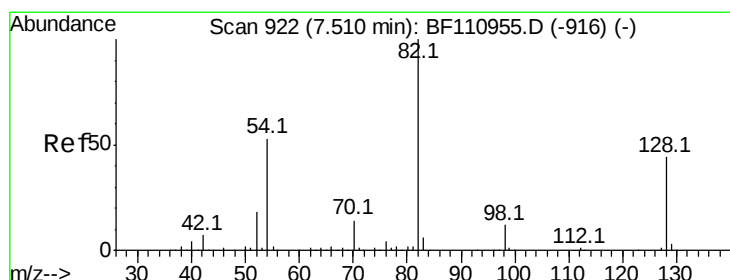
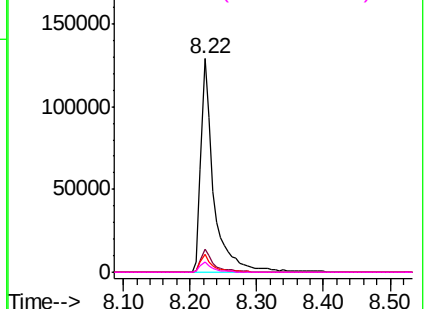


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.661 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

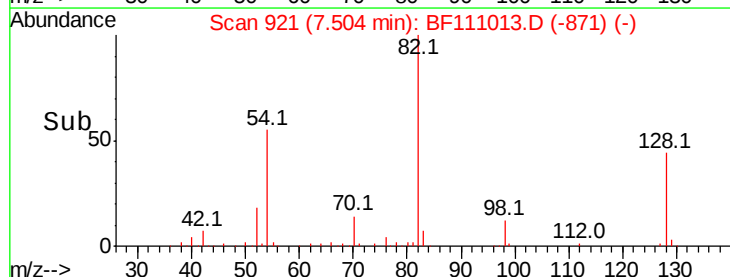
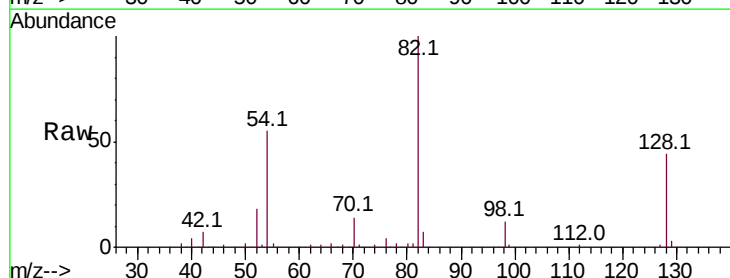
Tgt Ion: 82 Resp: 257656

Ion Ratio Lower Upper

82 100

128 44.3 34.2 51.2

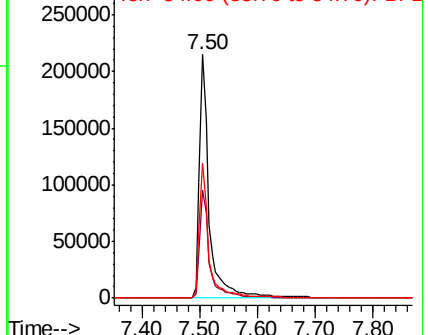
54 55.2 38.6 58.0

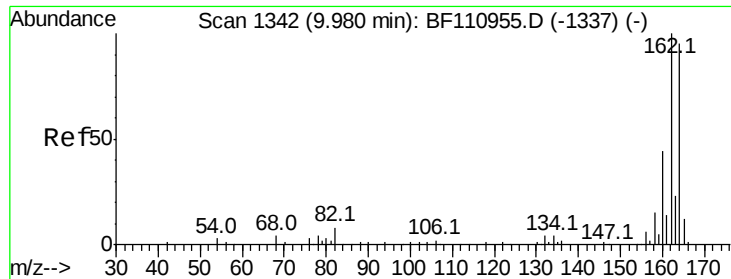


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

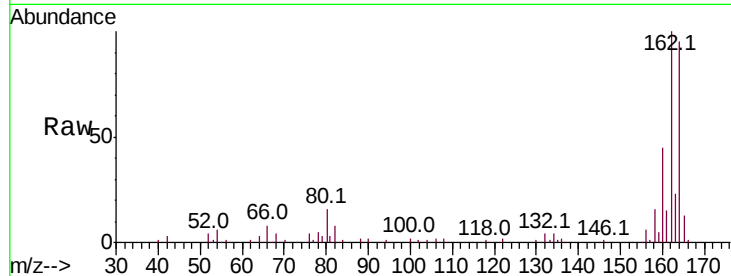




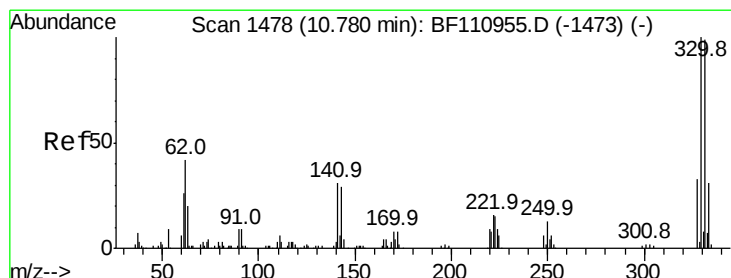
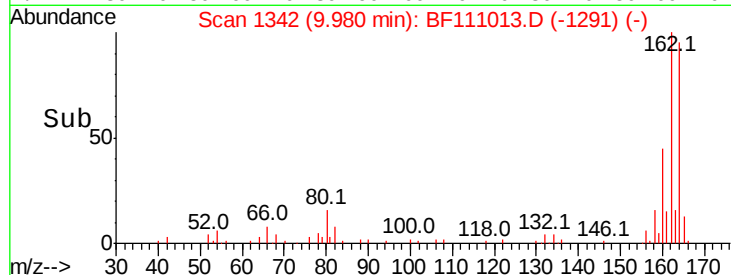
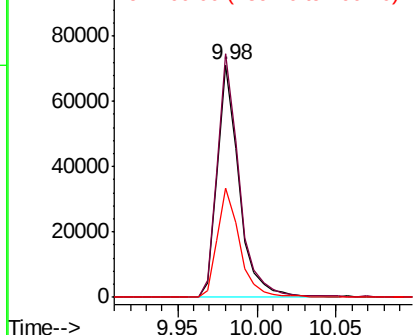
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Instrument :
BNA_F
ClientSampleId :
20180947-COMPOSITE-6

Tot Ion:164 Resp: 68000
Ion Ratio Lower Upper
164 100
162 104.8 83.0 124.6
160 47.0 37.0 55.6

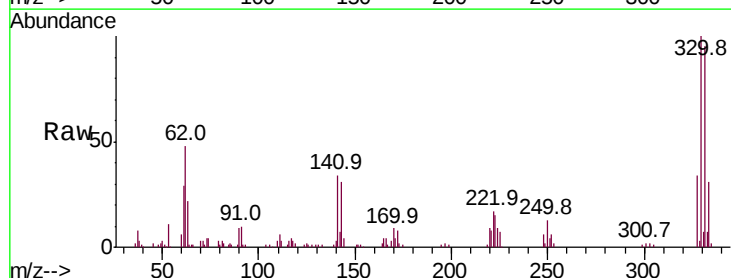


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

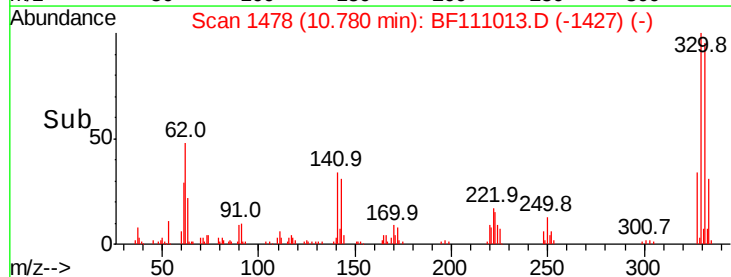
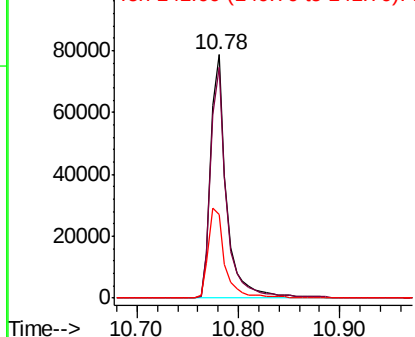


#42
2,4,6-Tribromophenol
Concen: 126.427 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111013.D
Acq: 27 Nov 2018 16:51

Tgt Ion:330 Resp: 85380
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 38.8 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

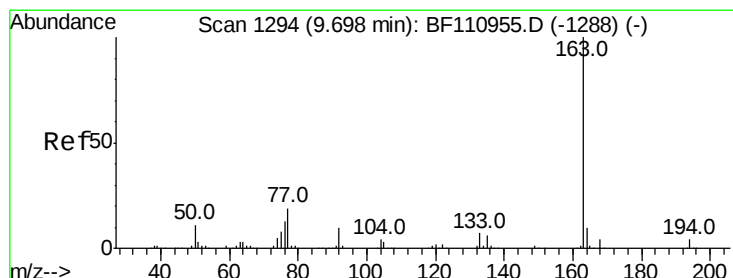
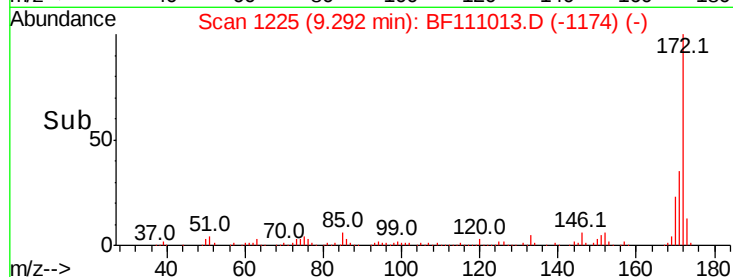
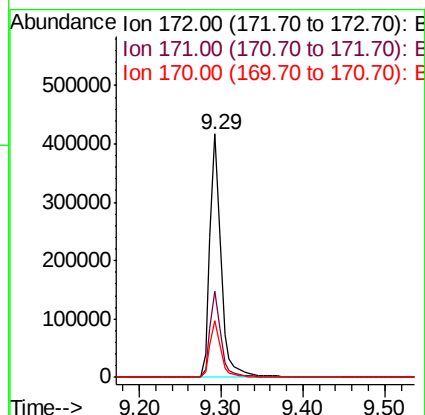
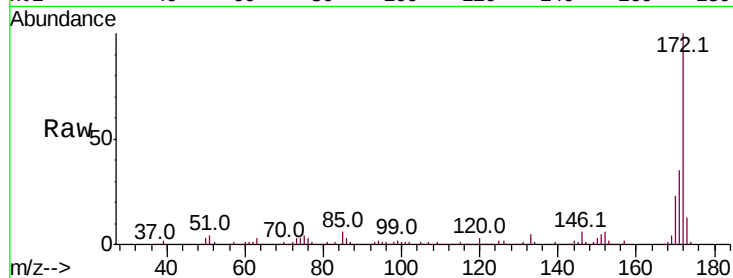




#45
 2-Fluorobiphenyl
 Concen: 84.867 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111013.D
 Acq: 27 Nov 2018 16:51

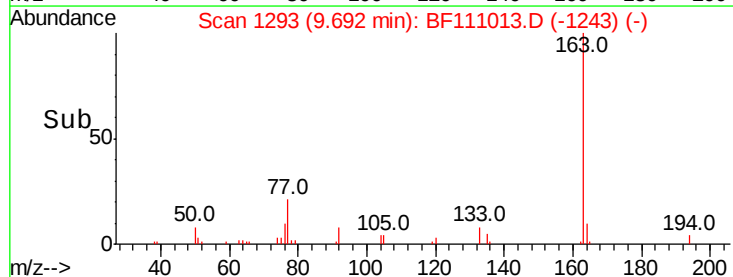
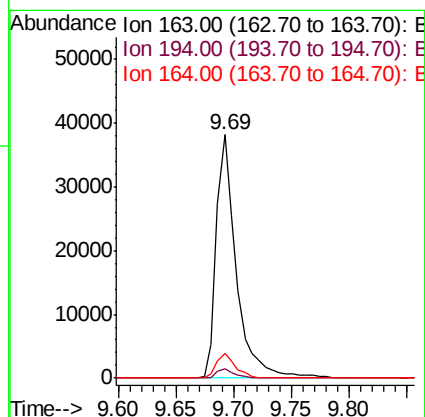
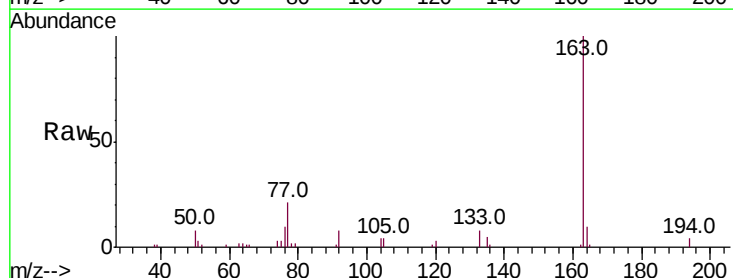
Instrument :
 BNA_F
 ClientSampleId :
 20180947-COMPOSITE-6

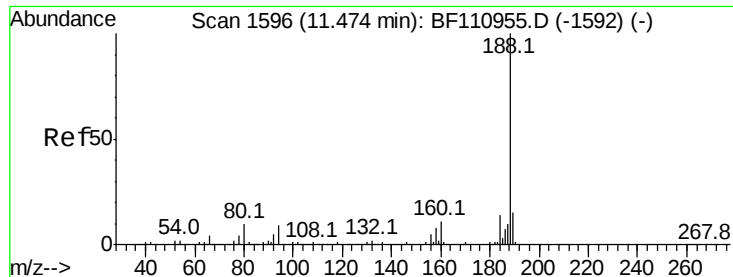
Tot Ion:172 Resp: 398334
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.3 19.7 29.5



#50
 Dimethylphthalate
 Concen: 9.227 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF111013.D
 Acq: 27 Nov 2018 16:51

Tgt Ion:163 Resp: 46018
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 10.2 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

Instrument :

BNA_F

ClientSampleId :

20180947-COMPOSITE-6

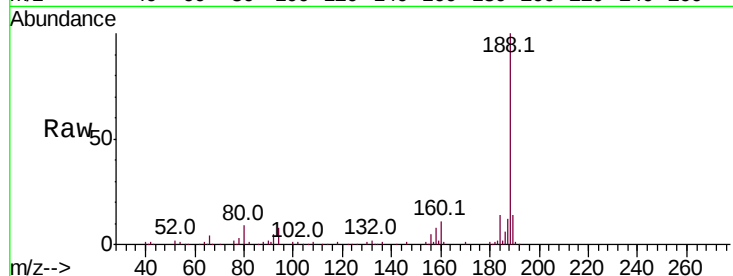
Tot Ion:188 Resp: 135192

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

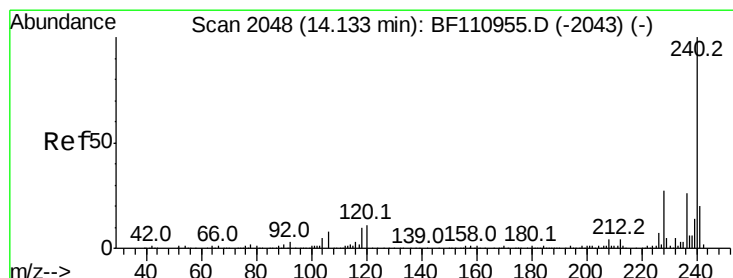
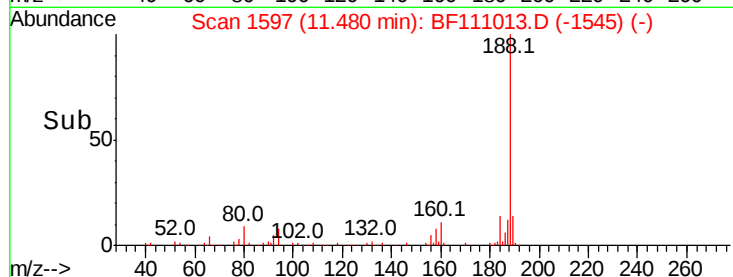
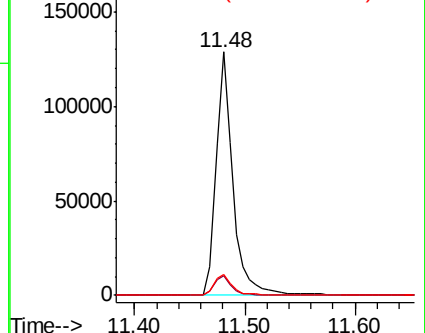
80 8.5 7.9 11.9



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: 14.14 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

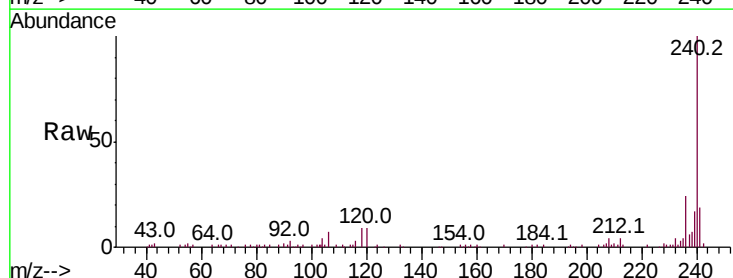
Tgt Ion:240 Resp: 105271

Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

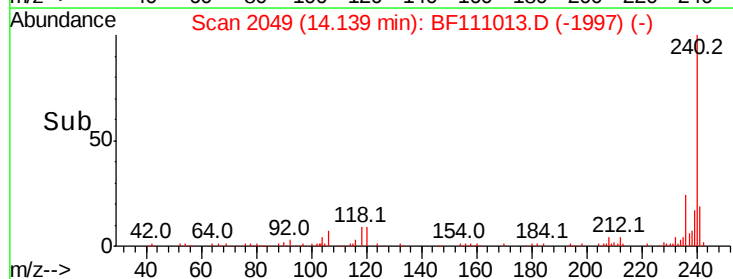
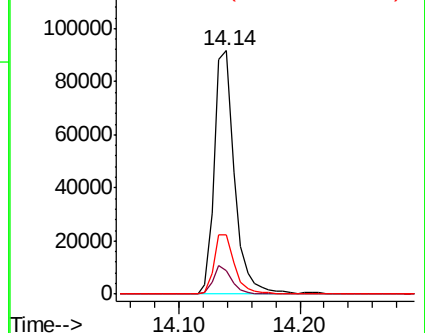
236 24.4 21.2 31.8

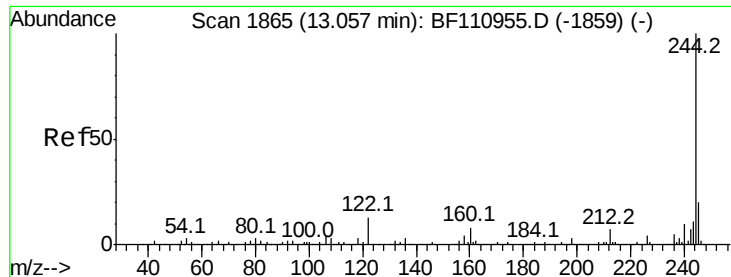


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.316 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

Instrument :

BNA_F

ClientSampleId :

20180947-COMPOSITE-6

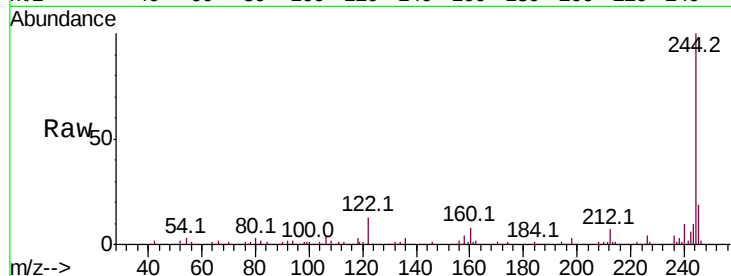
Tot Ion:244 Resp: 412705

Ion Ratio Lower Upper

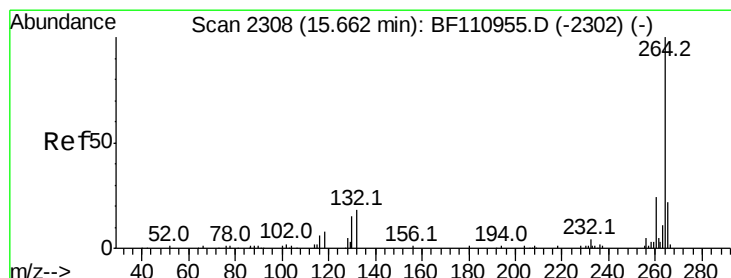
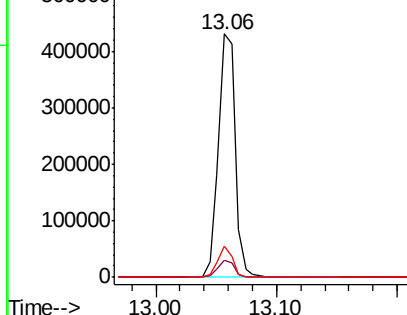
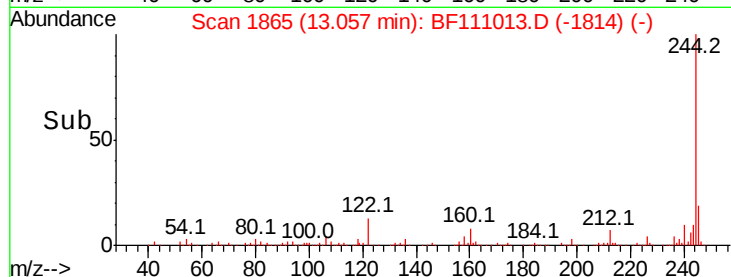
244 100

212 7.0 5.8 8.8

122 12.5 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: 15.68 min Scan# 2311

Delta R.T. 0.01 min

Lab File: BF111013.D

Acq: 27 Nov 2018 16:51

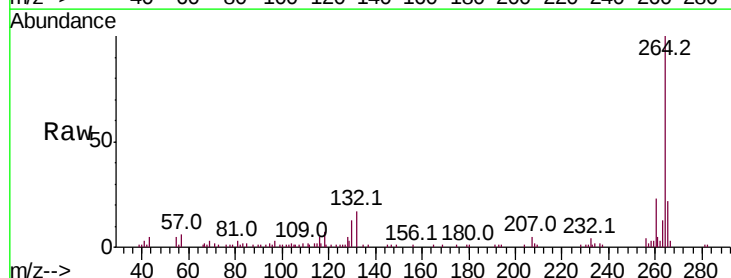
Tgt Ion:264 Resp: 67593

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.6 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

