

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101385.D
 Acq On : 14 Dec 2017 1:09
 Operator : SJ/JU
 Sample : I6816-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120717-FOPI-F-D-S

Quant Time: Dec 14 02:44:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	166317	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	682399	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	303988	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	559713	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	366095	20.00	ng	0.00
86) Perylene-d12	15.47	264	298832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	444440	44.16	ng	0.00
7) Phenol-d6	6.45	99	339482	27.78	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1023302	89.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	211435	57.90	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1658940	74.67	ng	-0.01
78) Terphenyl-d14	12.93	244	1436779	85.84	ng	0.00

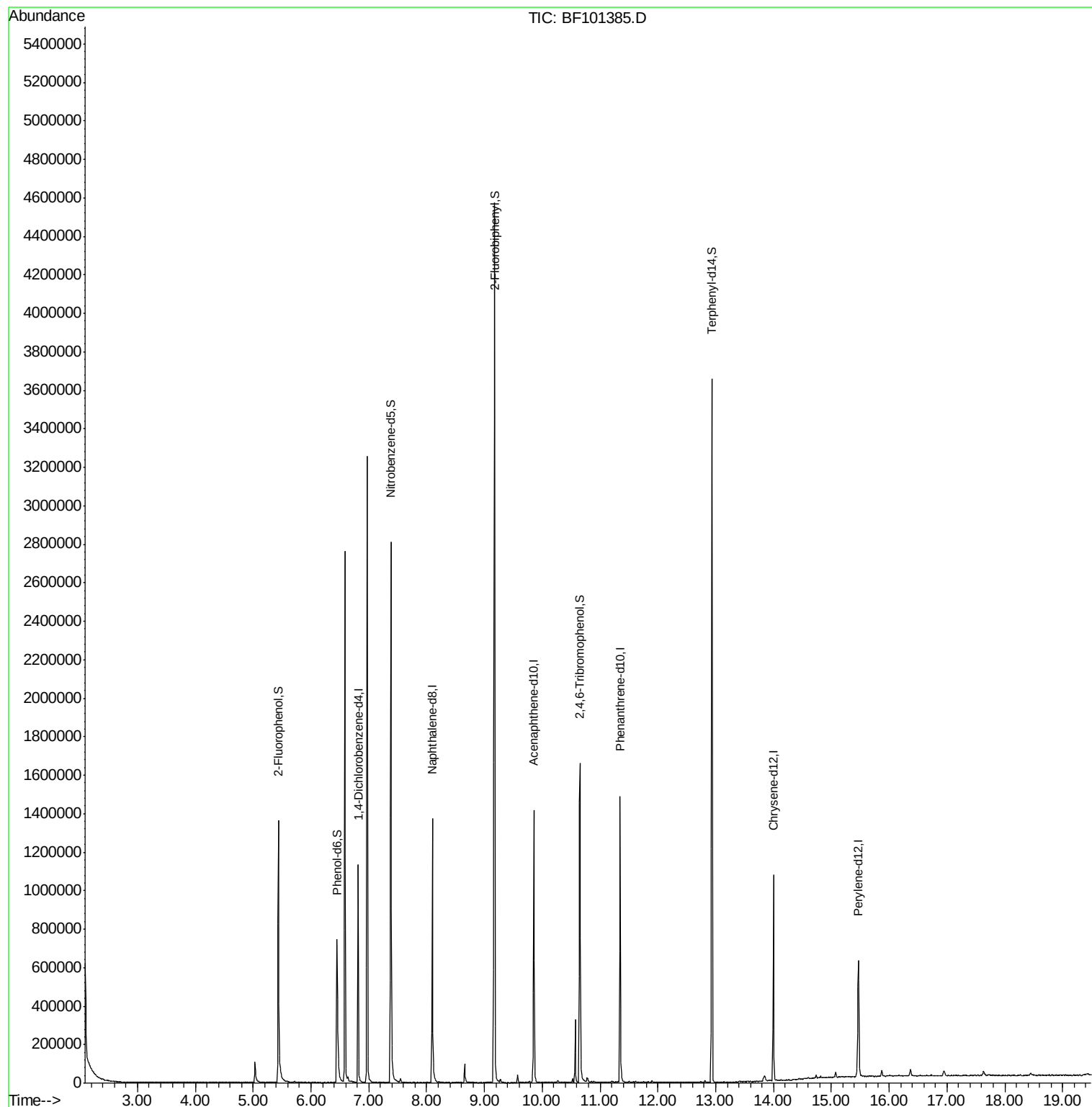
Target Compounds Qvalue

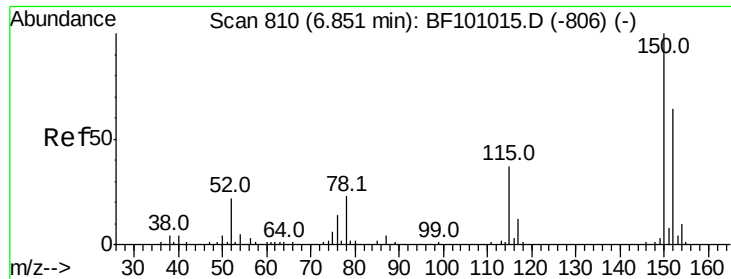
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_F
ClientSampleId :
120717-FOPI-F-D-S

Quant Time: Dec 14 02:44:04 2017
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Response via : Initial Calibration



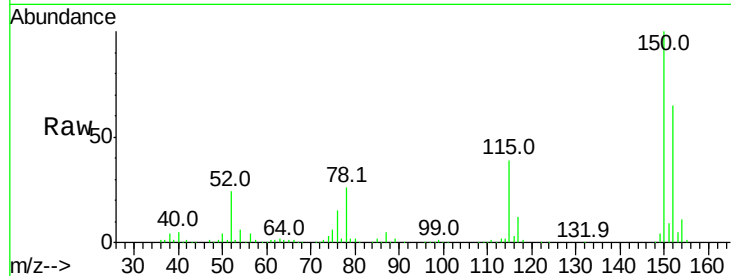


#1

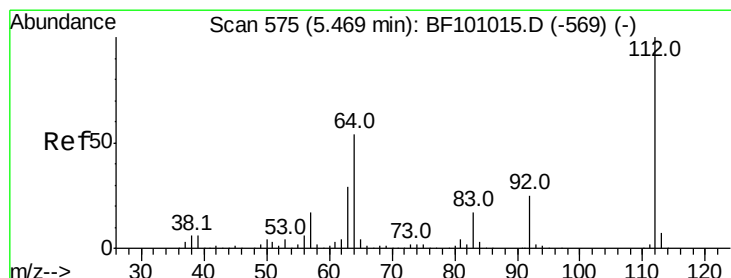
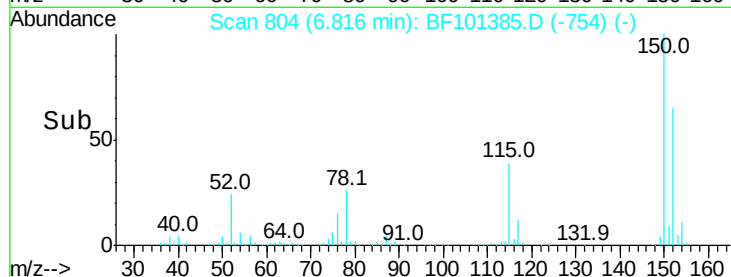
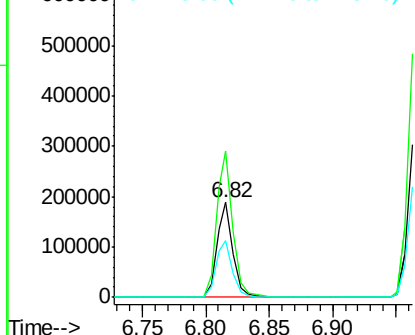
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :
120717-FOPI-F-D-S

Tot Ion:152 Resp: 166317
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 60.3 50.1 75.1



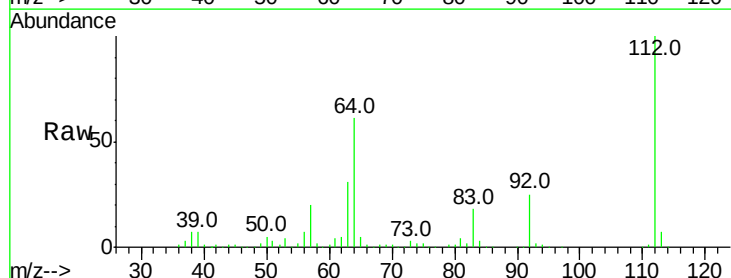
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



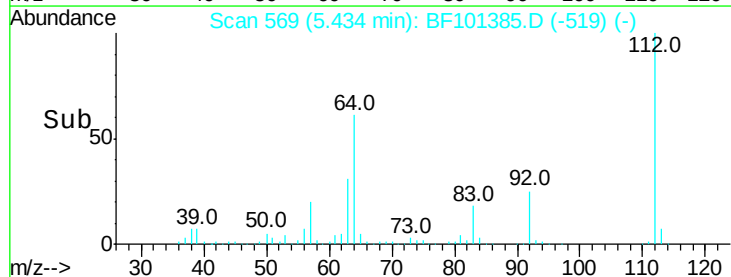
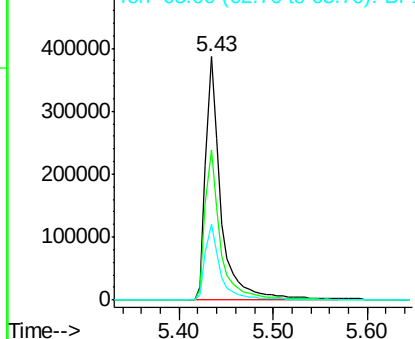
#5

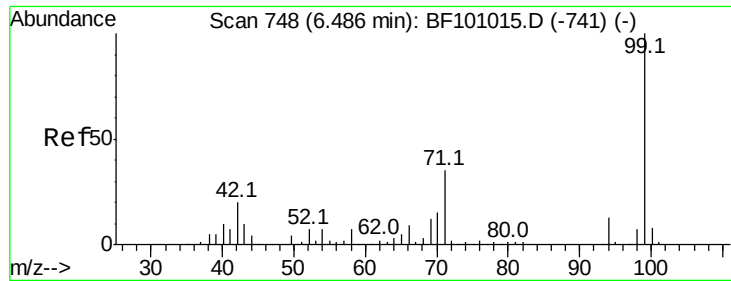
2-Fluorophenol
Concen: 44.157 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion:112 Resp: 444440
Ion Ratio Lower Upper
112 100
64 61.4 47.9 71.9
63 31.3 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: 27.781 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101385.D

Acq: 14 Dec 2017 1:09

Instrument :

BNA_F

ClientSampleId :

120717-FOPI-F-D-S

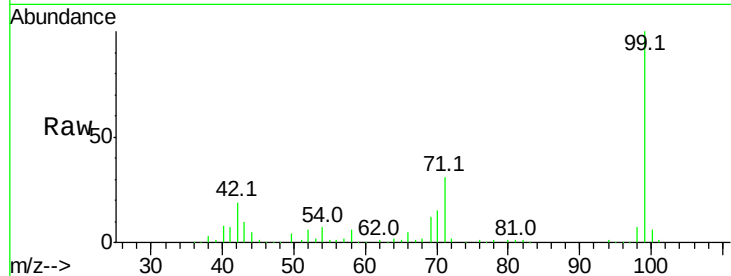
Tot Ion: 99 Resp: 339482

Ion Ratio Lower Upper

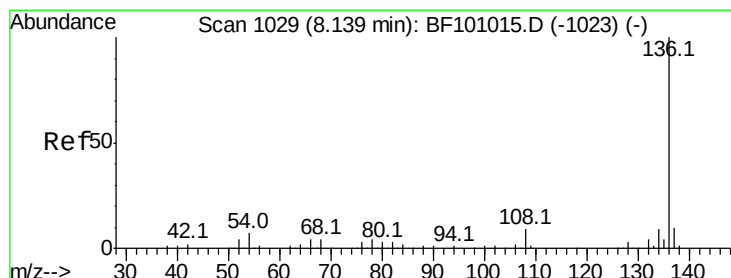
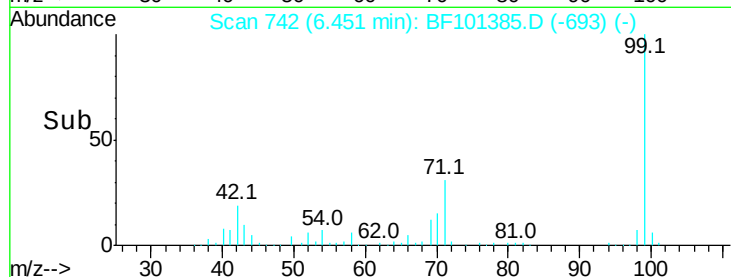
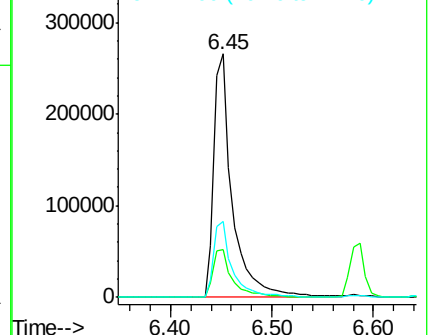
99 100

42 19.5 14.5 21.7

71 31.3 25.4 38.0



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101385.D

Acq: 14 Dec 2017 1:09

Tgt Ion: 136 Resp: 682399

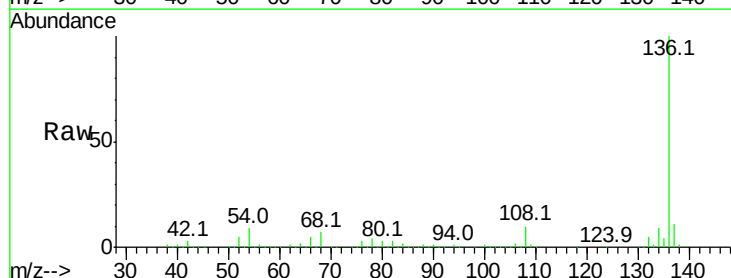
Ion Ratio Lower Upper

136 100

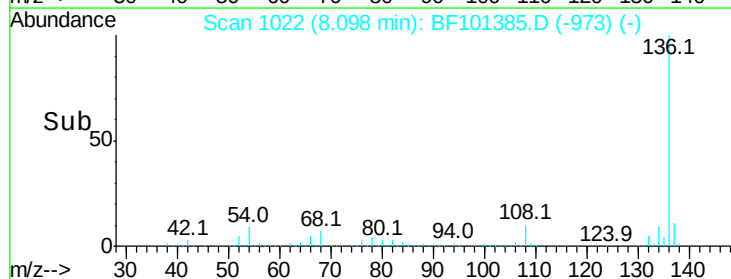
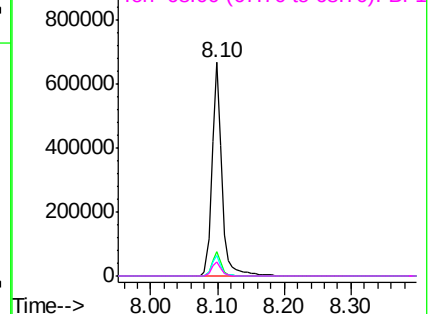
137 11.3 8.9 13.3

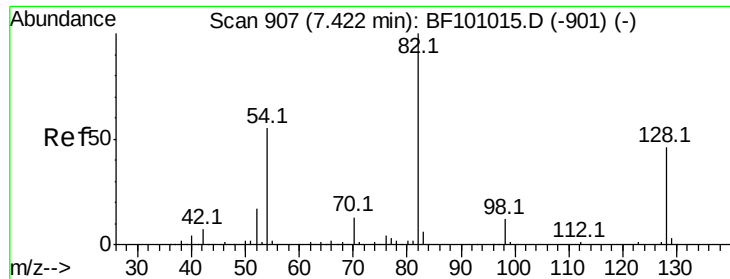
54 9.4 6.6 9.8

68 6.7 5.0 7.4



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

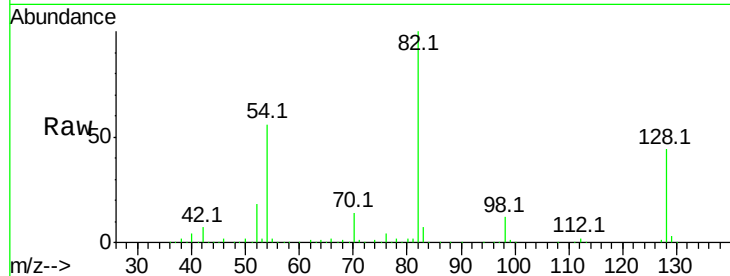




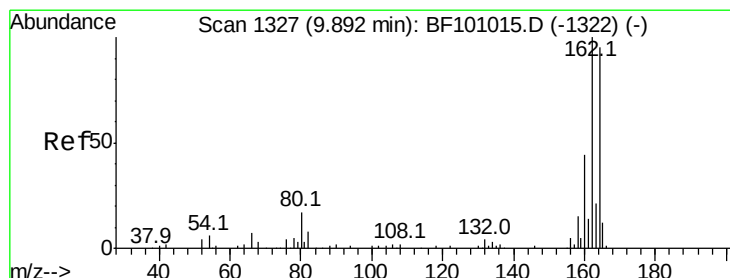
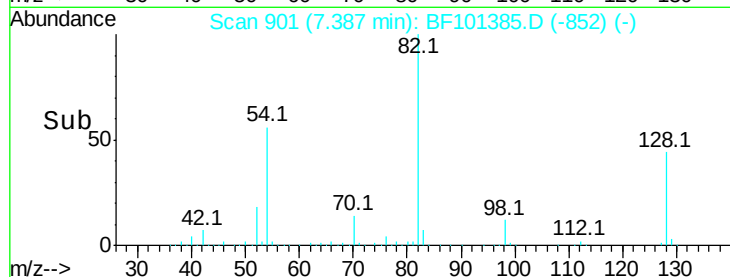
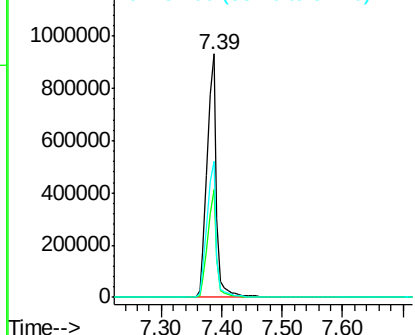
#23
Nitrobenzene-d5
Concen: 89.454 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :
120717-FOPI-F-D-S

Tot Ion: 82 Resp: 1023302
Ion Ratio Lower Upper
82 100
128 44.1 36.1 54.1
54 55.9 41.4 62.2

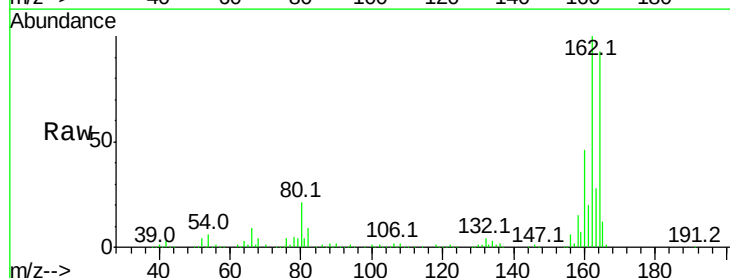


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

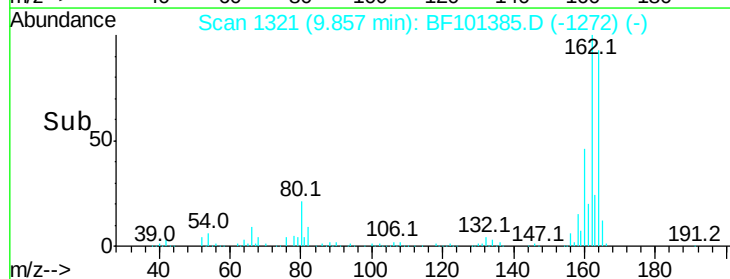
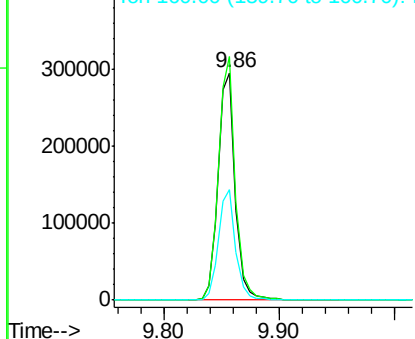


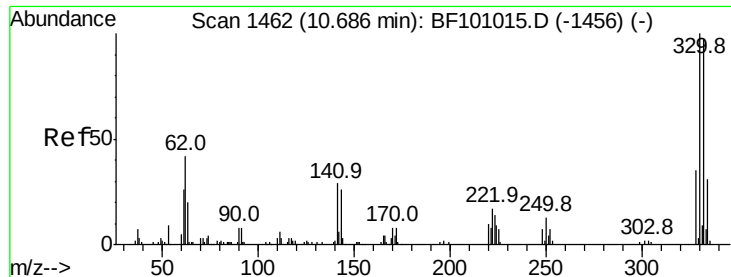
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion:164 Resp: 303988
Ion Ratio Lower Upper
164 100
162 107.1 86.1 129.1
160 48.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

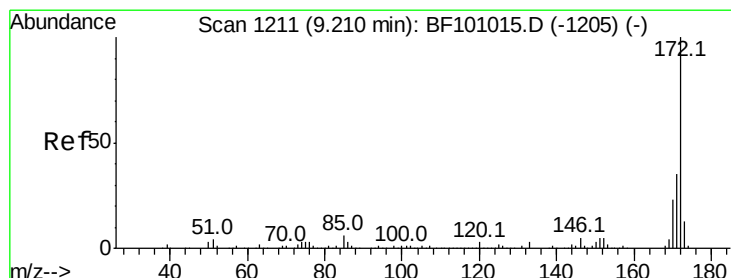
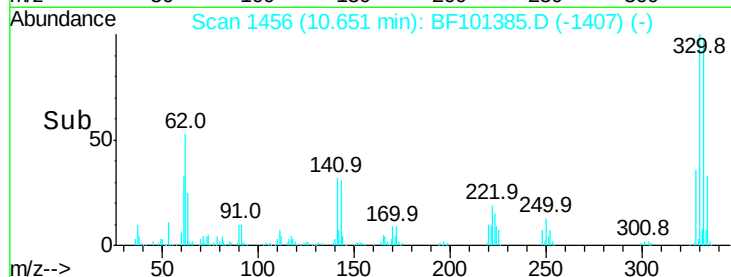
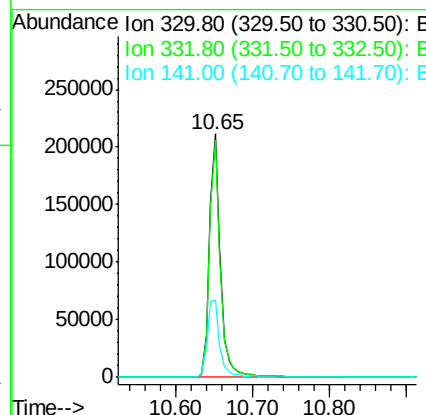
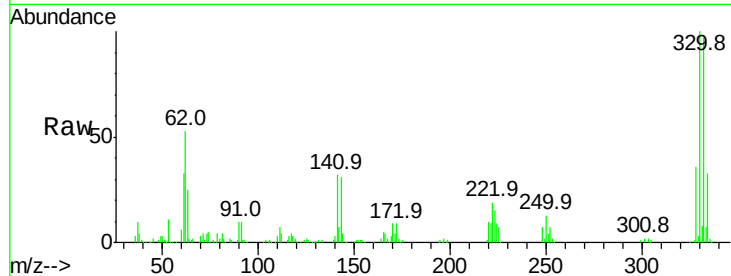




#41
 2,4,6-Tribromophenol
 Concen: 57.899 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

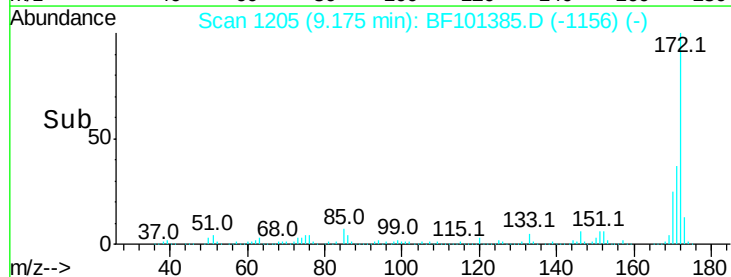
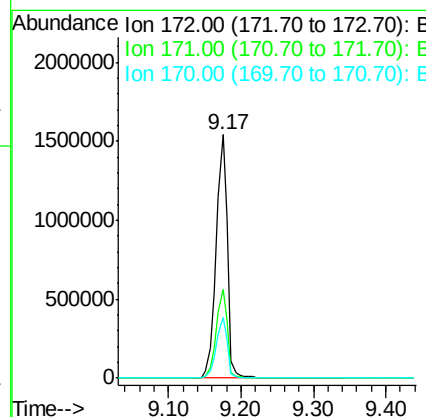
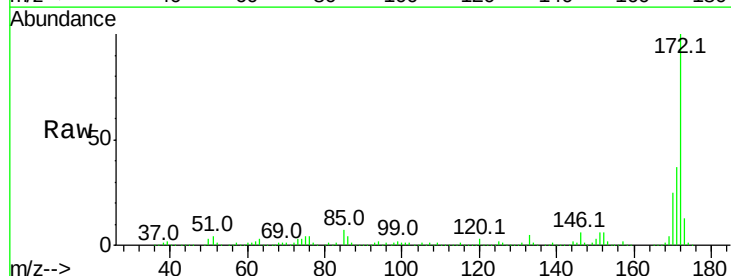
Instrument :
 BNA_F
 ClientSampleId :
 120717-FOPI-F-D-S

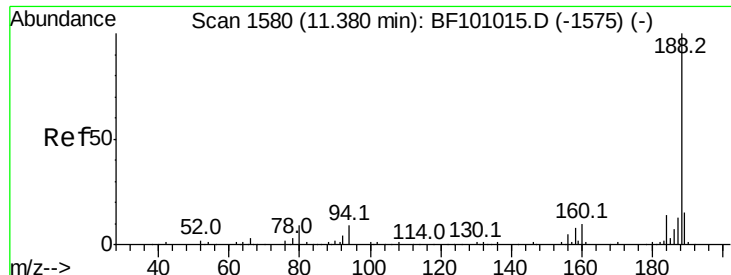
Tot Ion:330 Resp: 211435
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 36.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 74.666 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Tgt Ion:172 Resp: 1658940
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.7 19.6 29.4

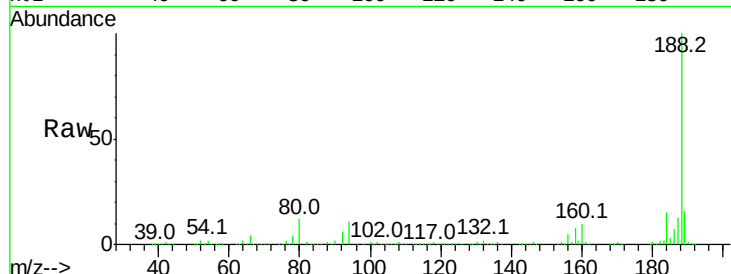




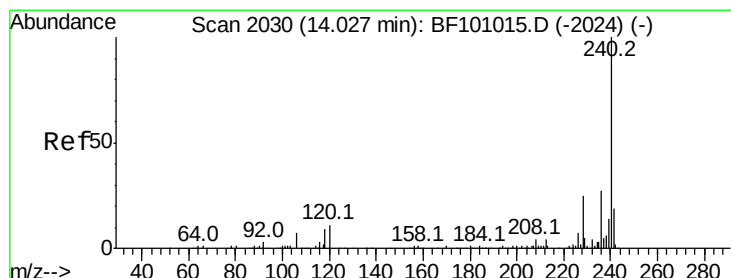
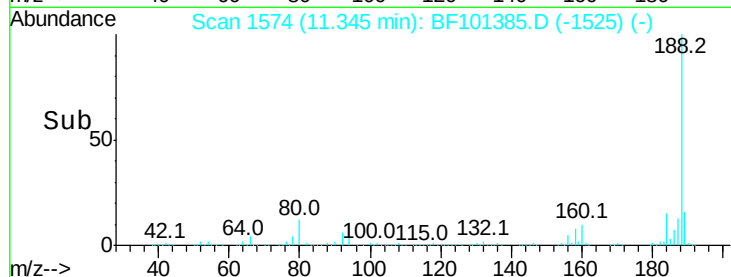
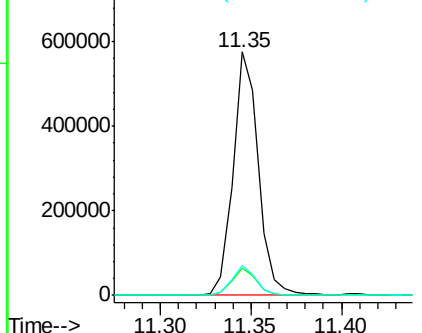
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Instrument :
 BNA_F
 ClientSampleId :
 120717-FOPI-F-D-S

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.3	9.2	13.8

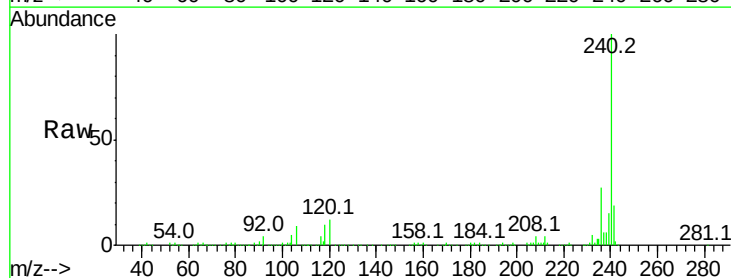


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

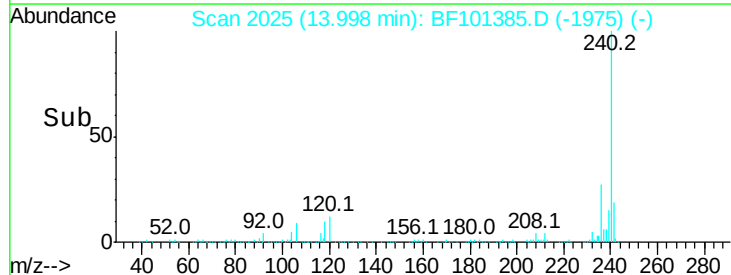
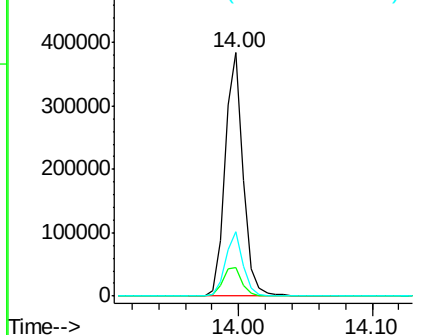


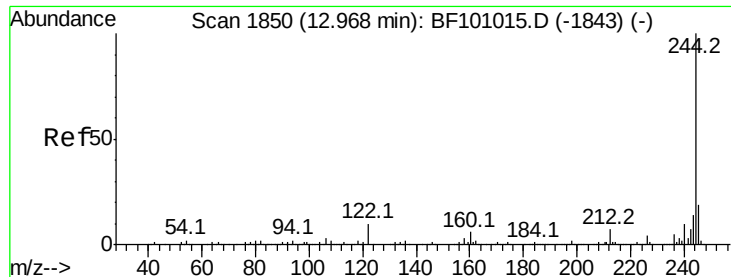
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.7	20.7	31.1



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

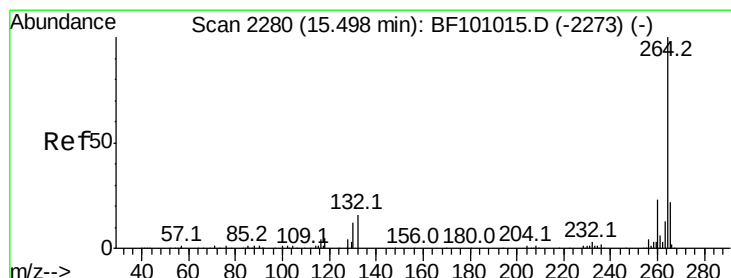
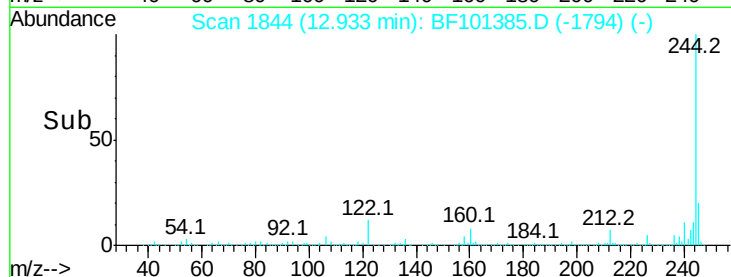
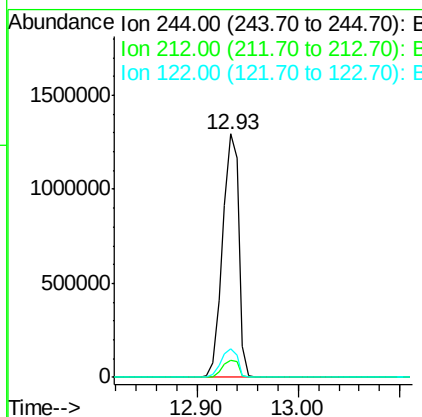
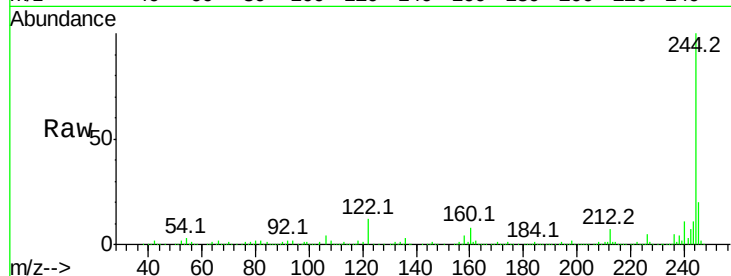




#78
 Terphenyl-d14
 Concen: 85.841 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Instrument :
 BNA_F
 ClientSampleId :
 120717-FOPI-F-D-S

Tot Ion:244 Resp: 1436779
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF101385.D
 Acq: 14 Dec 2017 1:09

Tgt Ion:264 Resp: 298832
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 17.5 26.3

