

Data Path : U:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101904.D
 Acq On : 4 Jan 2018 21:16
 Operator : SJ/JU
 Sample : J1012-11 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 23:55:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114206	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	388882	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	133375	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	246453	20.00	ng	0.00
75) Chrysene-d12	13.96	240	270751	20.00	ng	0.00
86) Perylene-d12	15.43	264	193387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	76571	9.99	ng	0.05
7) Phenol-d6	6.47	99	101482	10.64	ng	0.05
23) Nitrobenzene-d5	7.37	82	63249	9.05	ng	0.02
41) 2,4,6-Tribromophenol	10.62	330	10608	8.25	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	89306	10.39	ng	0.00
78) Terphenyl-d14	12.88	244	88517	7.88	ng	0.00

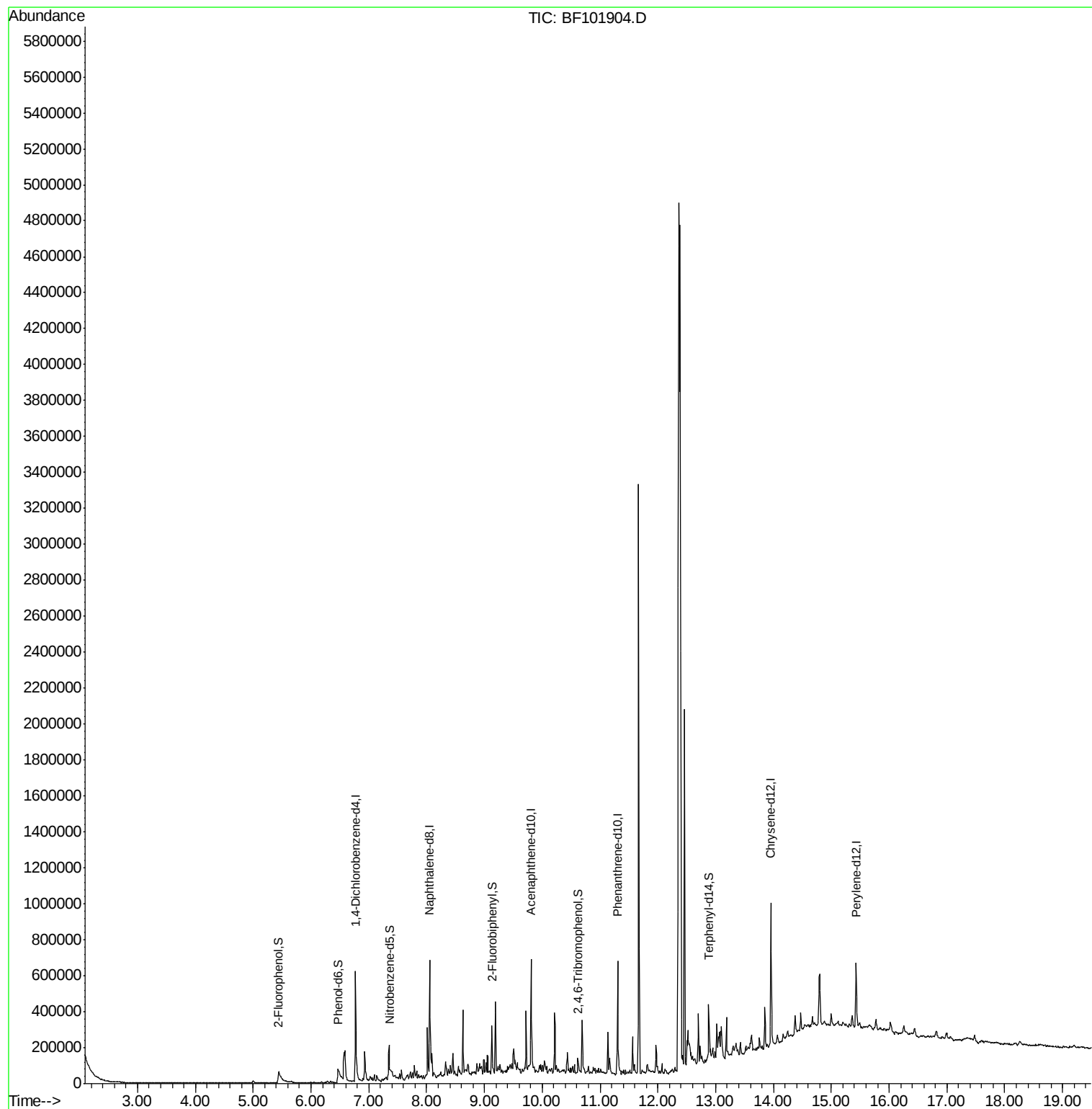
Target Compounds	Qvalue
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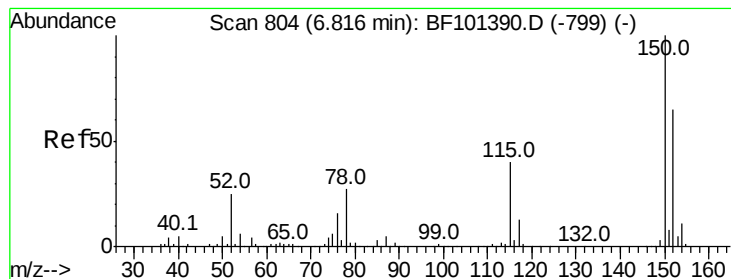
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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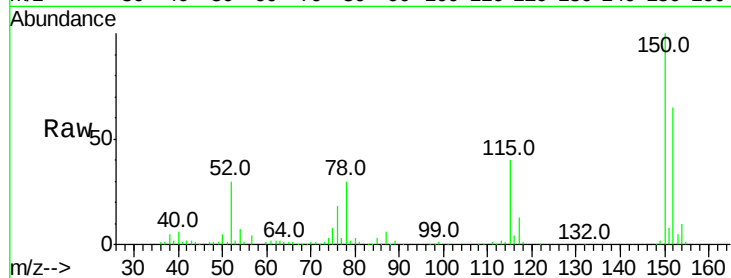


#1

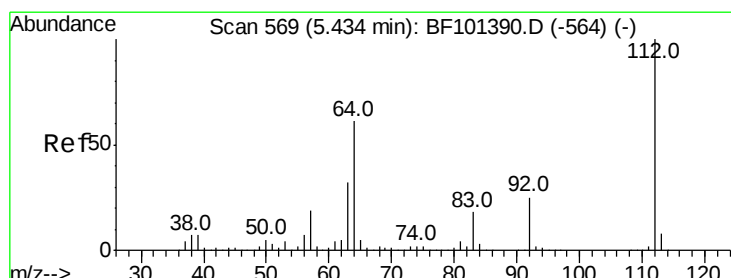
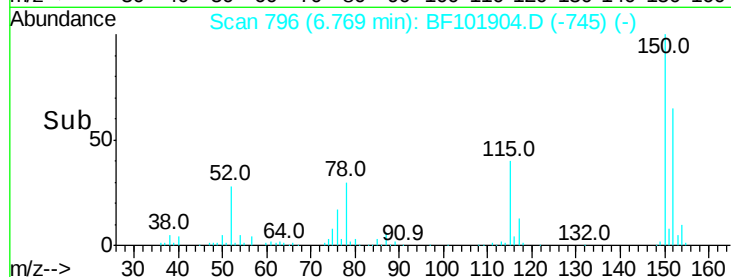
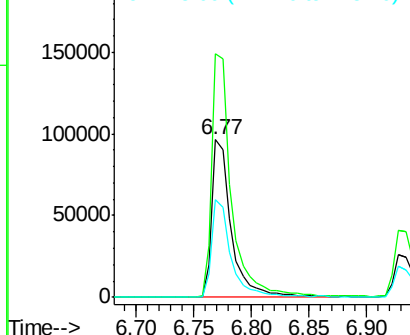
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101904.D
Acq: 4 Jan 2018 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114206
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 61.9 50.1 75.1



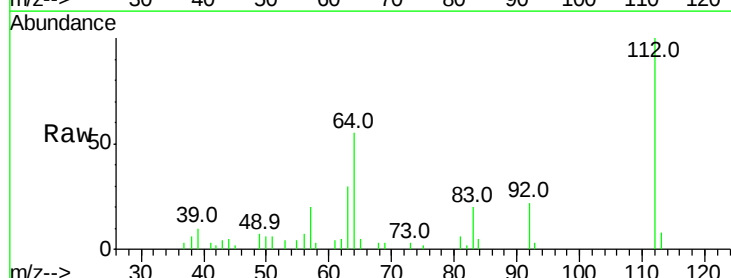
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



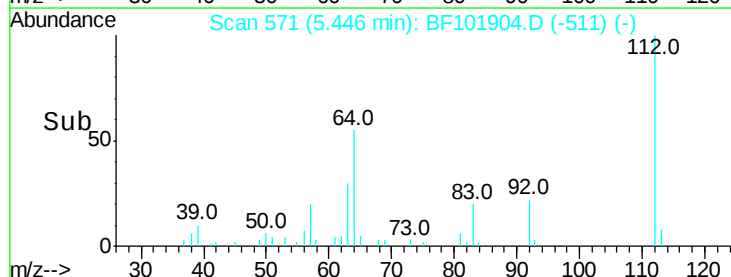
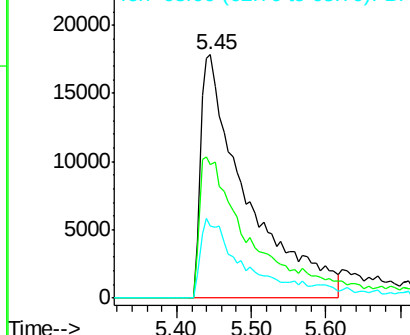
#5

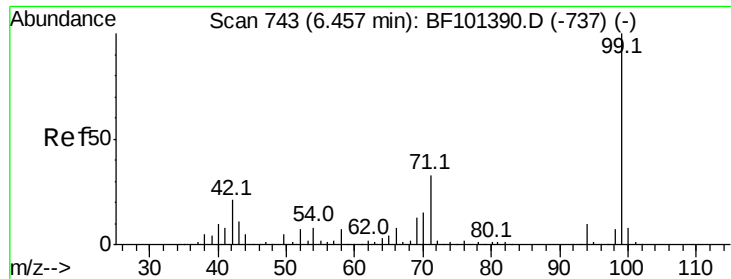
2-Fluorophenol
Concen: 9.987 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.05 min
Lab File: BF101904.D
Acq: 4 Jan 2018 21:16

Tgt Ion:112 Resp: 76571
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
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: 10.635 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.05 min

Lab File: BF101904.D

Acq: 4 Jan 2018 21:16

Instrument :

BNA_F

ClientSampleId :

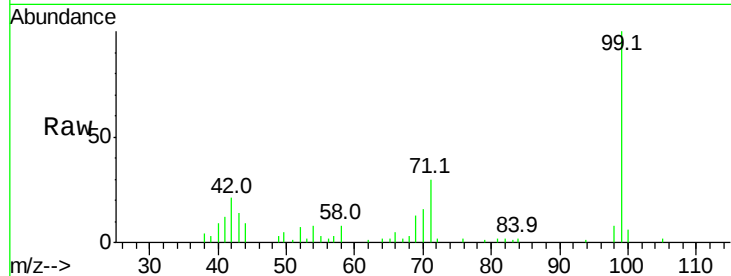
Tot Ion: 99 Resp: 101482

Ion Ratio Lower Upper

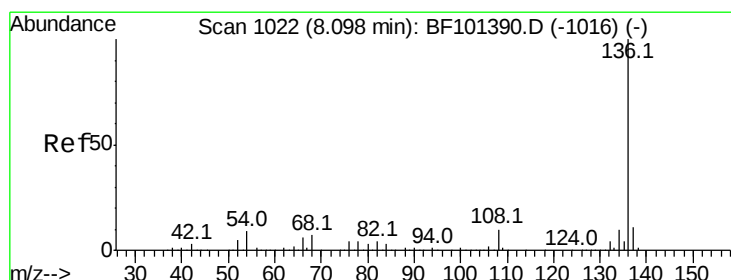
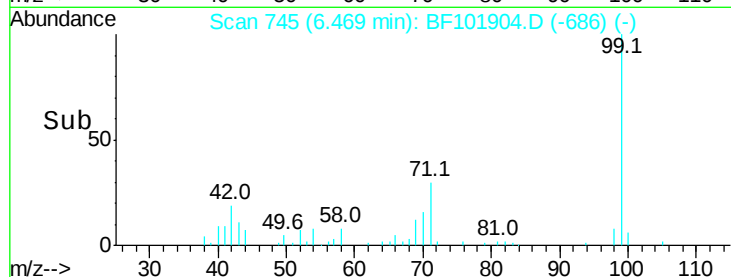
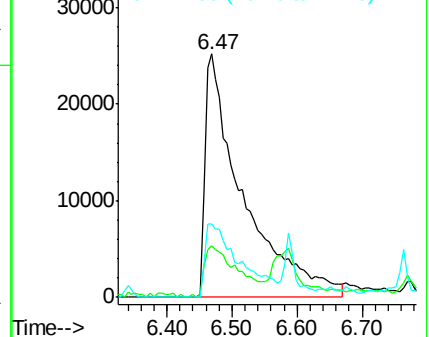
99 100

42 21.1 14.5 21.7

71 30.3 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: 8.06 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF101904.D

Acq: 4 Jan 2018 21:16

Tgt Ion: 136 Resp: 388882

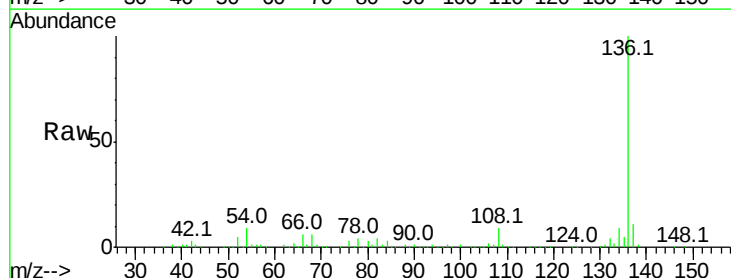
Ion Ratio Lower Upper

136 100

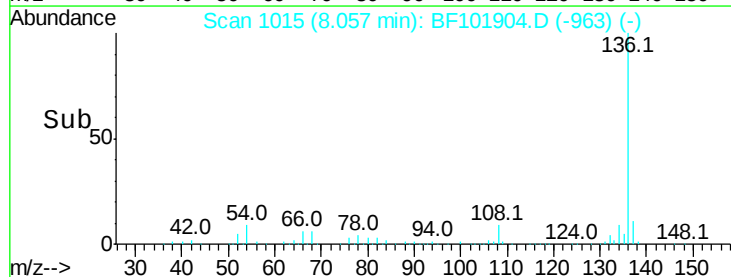
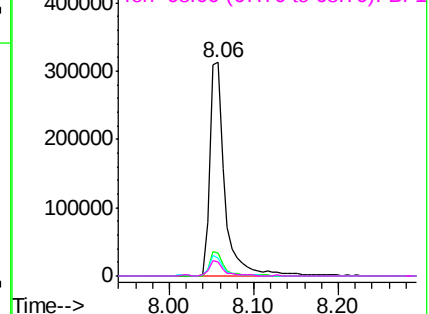
137 11.0 8.9 13.3

54 8.7 6.6 9.8

68 6.4 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

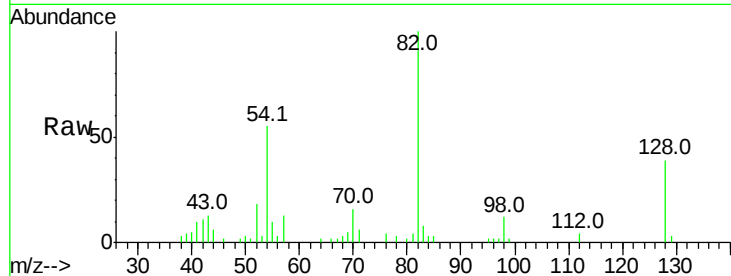




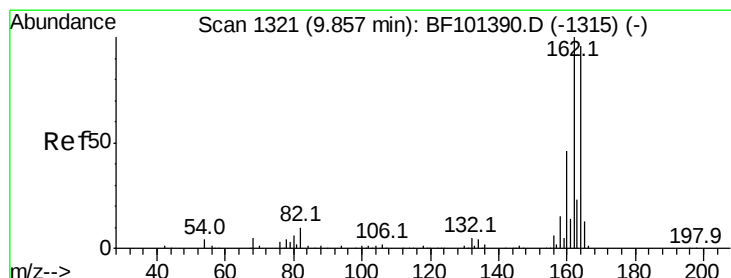
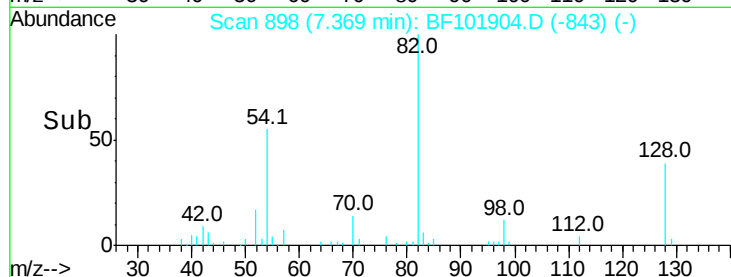
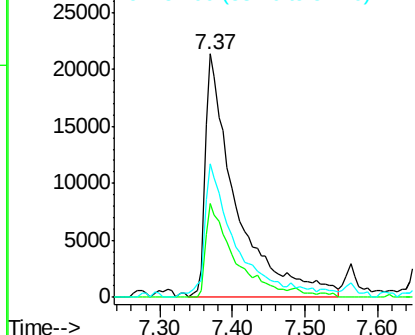
#23
Nitrobenzene-d5
Concen: 9.054 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.02 min
Lab File: BF101904.D
Acq: 4 Jan 2018 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 63249
Ion Ratio Lower Upper
82 100
128 38.8 36.1 54.1
54 54.9 41.4 62.2

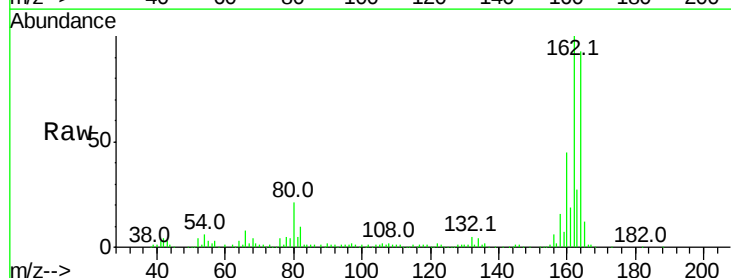


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

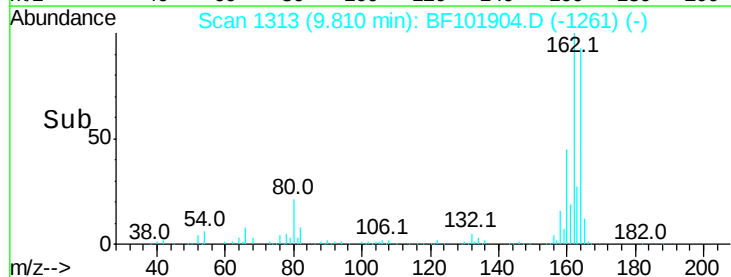
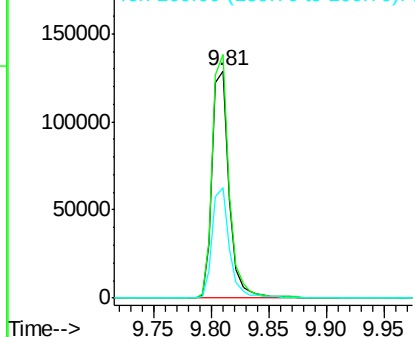


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF101904.D
Acq: 4 Jan 2018 21:16

Tgt Ion:164 Resp: 133375
Ion Ratio Lower Upper
164 100
162 107.0 86.1 129.1
160 48.4 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

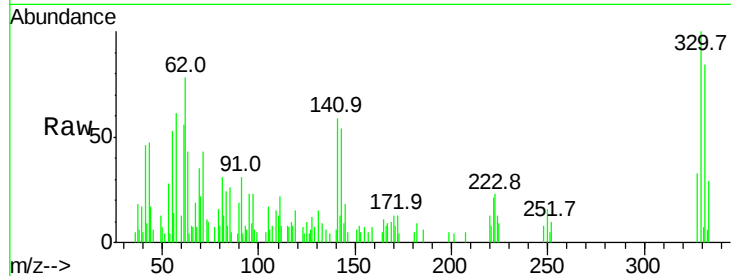




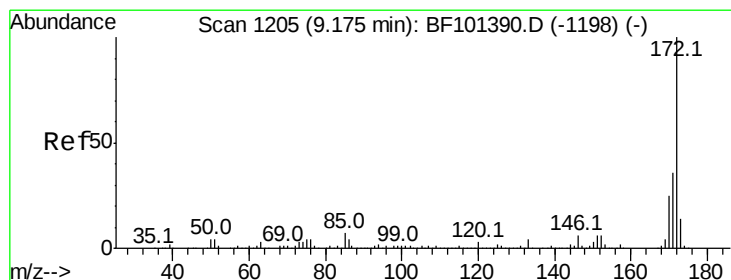
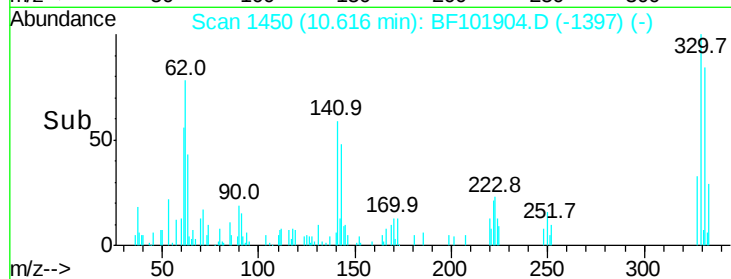
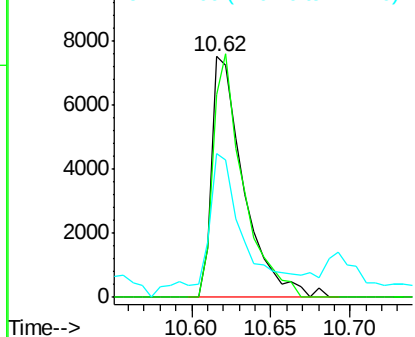
#41
 2,4,6-Tribromophenol
 Concen: 8.254 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF101904.D
 Acq: 4 Jan 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 10608
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 72.5 29.9 44.9#

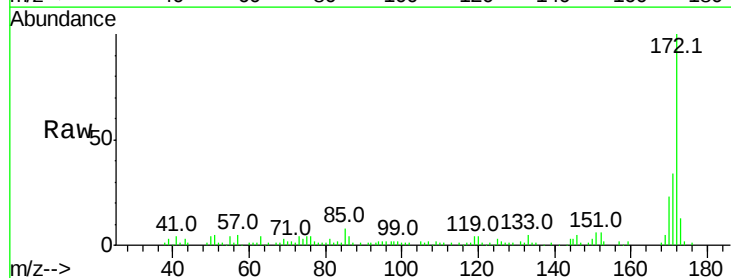


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

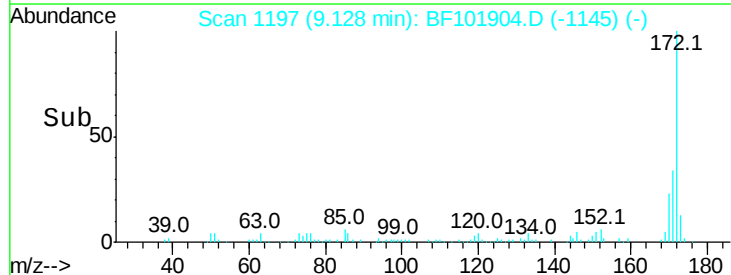
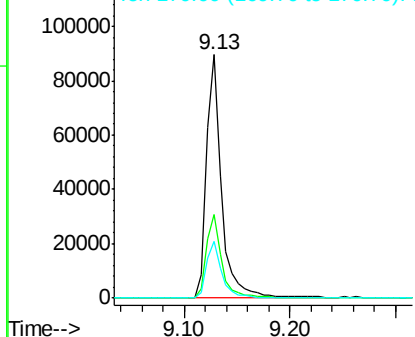


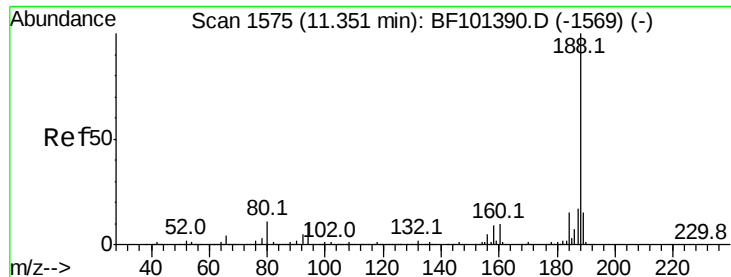
#44
 2-Fluorobiphenyl
 Concen: 10.387 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101904.D
 Acq: 4 Jan 2018 21:16

Tgt Ion:172 Resp: 89306
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 23.2 19.6 29.4



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

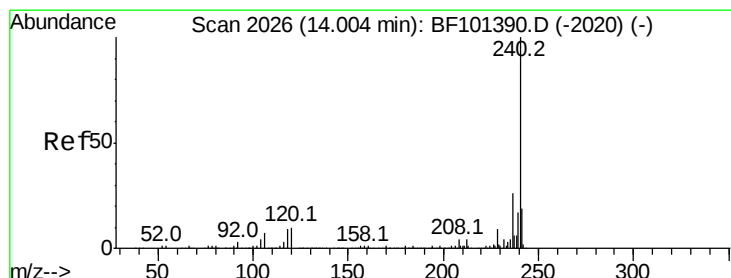
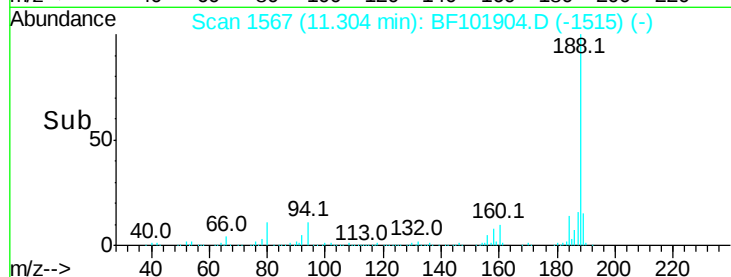
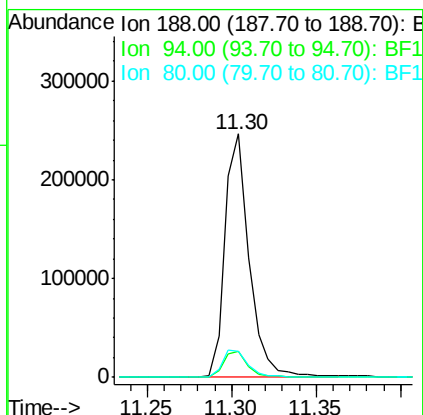
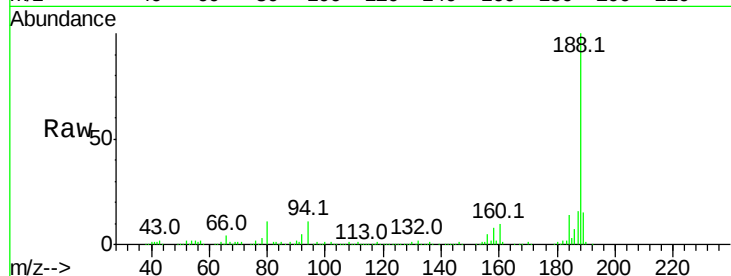




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101904.D
Acq: 4 Jan 2018 21:16

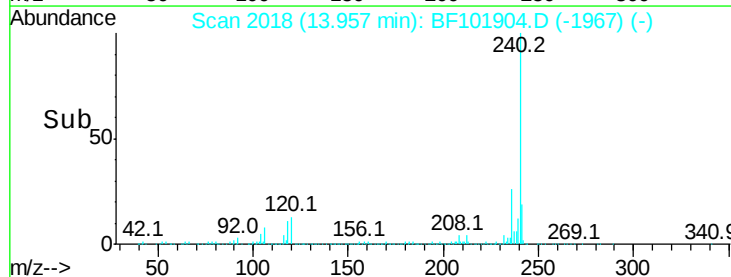
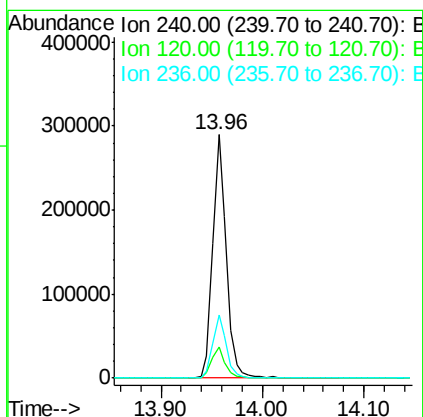
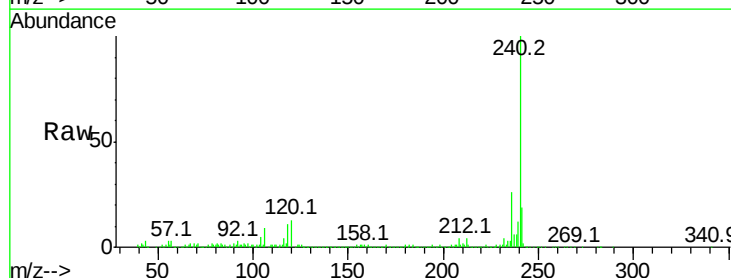
Instrument :
BNA_F
ClientSampleId :

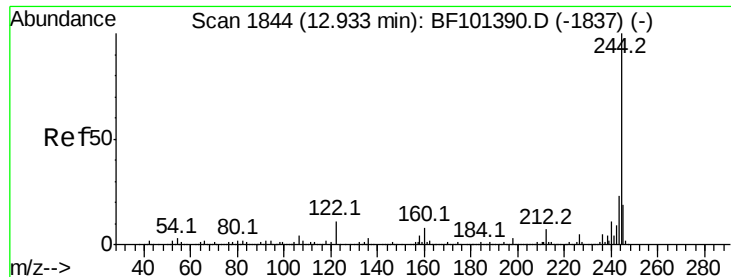
Tot Ion:188 Resp: 246453
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101904.D
Acq: 4 Jan 2018 21:16

Tgt Ion:240 Resp: 270751
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 7.882 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF101904.D

Acq: 4 Jan 2018 21:16

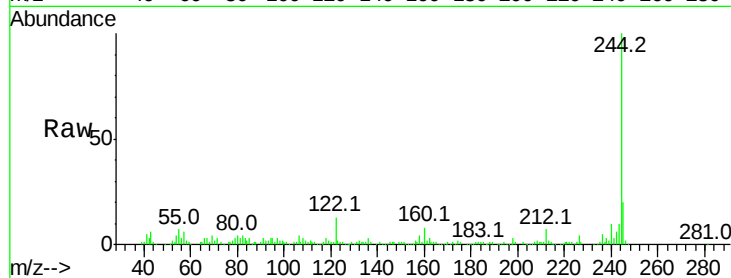
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 88517

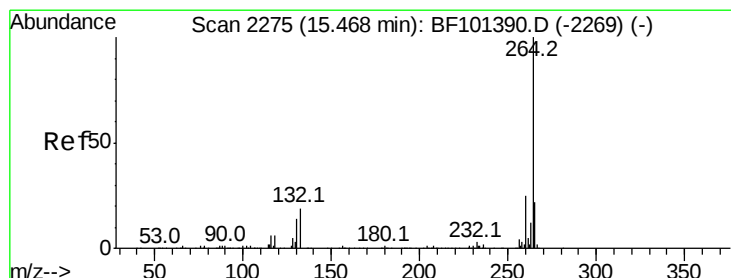
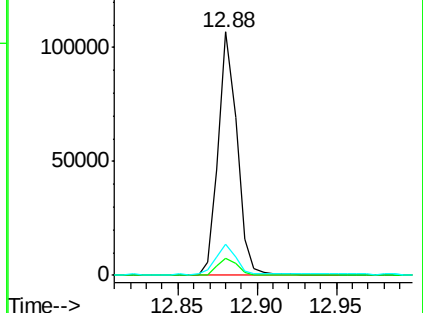
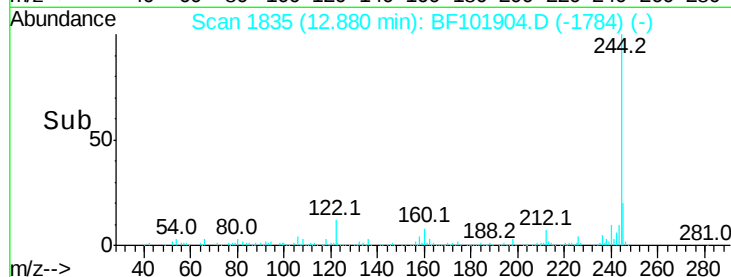
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.8	11.0	16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

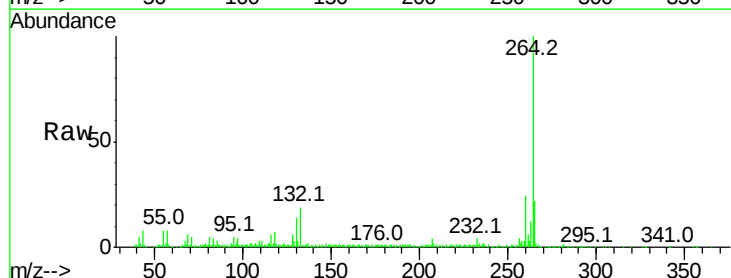
Delta R.T. 0.01 min

Lab File: BF101904.D

Acq: 4 Jan 2018 21:16

Tgt Ion:264 Resp: 193387

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.5	26.3



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

