

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101227.D
 Acq On : 8 Dec 2017 2:05
 Operator : SJ/JU
 Sample : I6731-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113017-TIDO-E-U-S

Quant Time: Dec 08 05:33:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	43597	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	156865	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	64587	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	107941	20.00	ng	0.00
75) Chrysene-d12	14.02	240	88166	20.00	ng	0.00
86) Perylene-d12	15.50	264	68878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	109698	41.58	ng	0.00
7) Phenol-d6	6.47	99	80560	25.15	ng	-0.01
23) Nitrobenzene-d5	7.41	82	237884	90.46	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	55522	71.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	482952	102.31	ng	-0.01
78) Terphenyl-d14	12.96	244	370999	92.04	ng	0.00

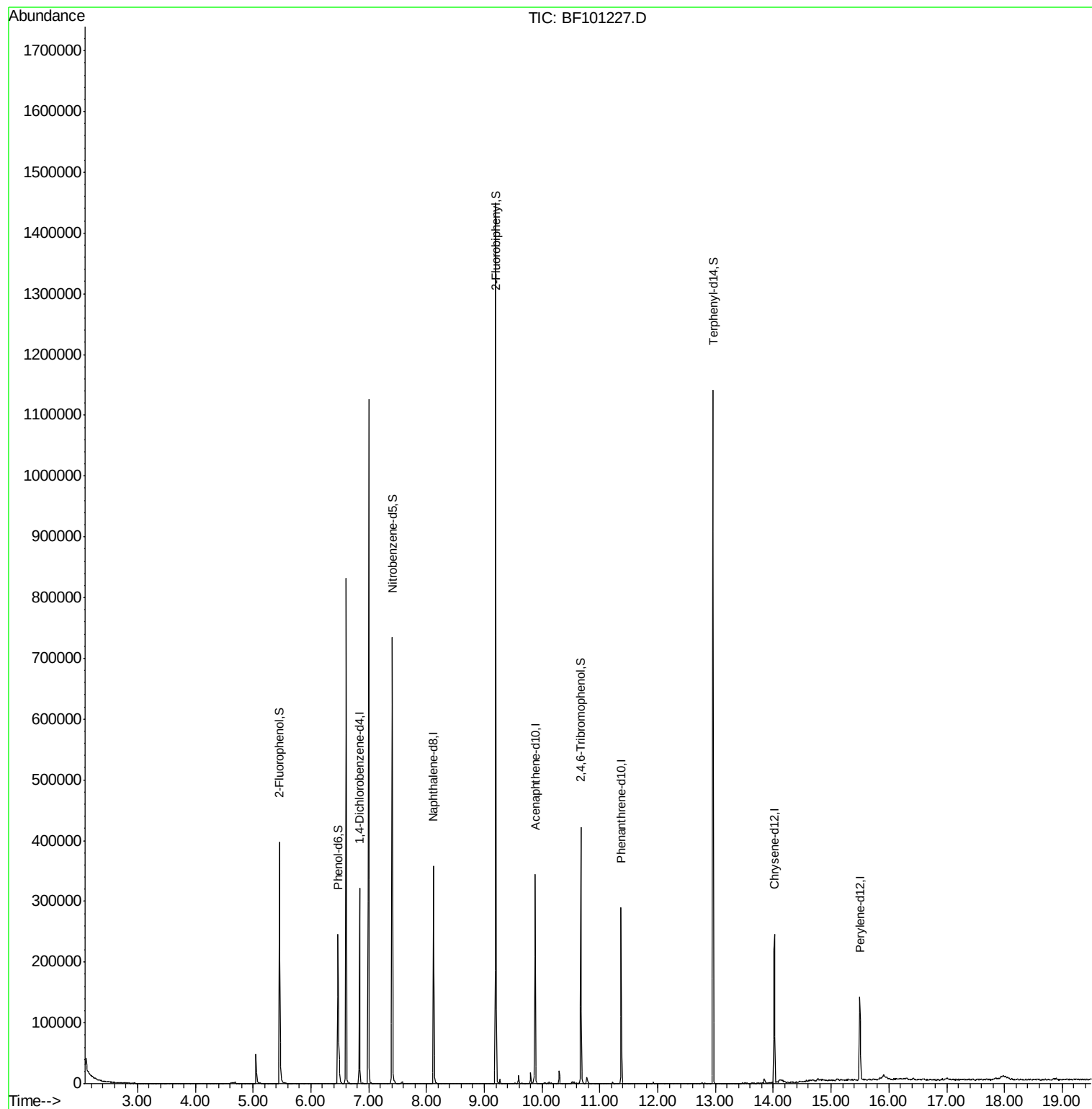
Target Compounds Qvalue

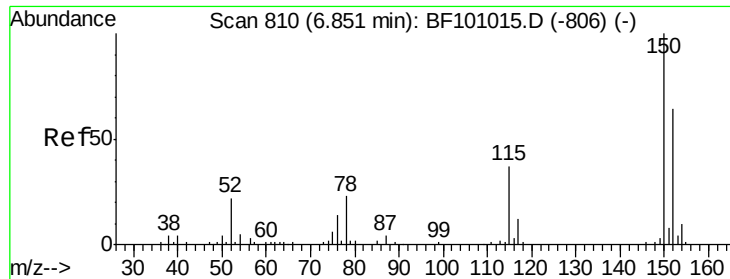
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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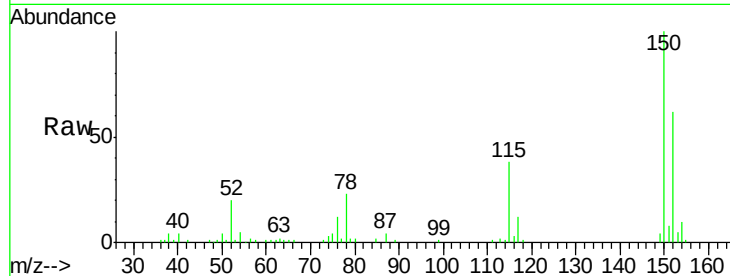


#1

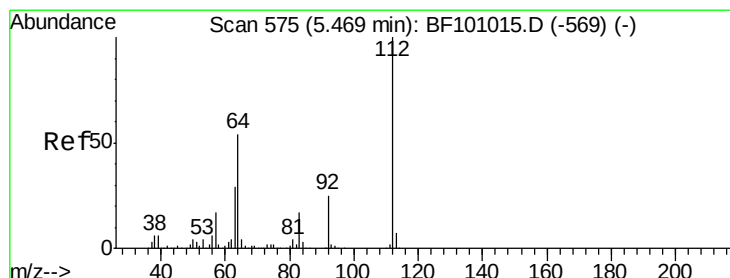
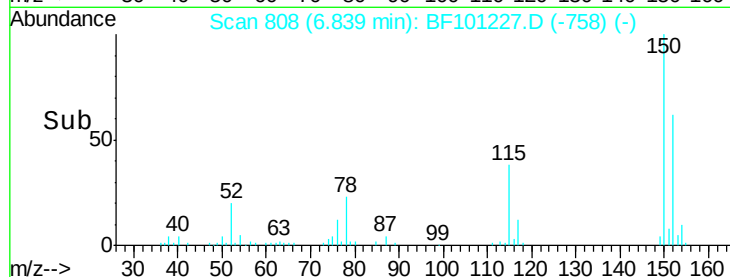
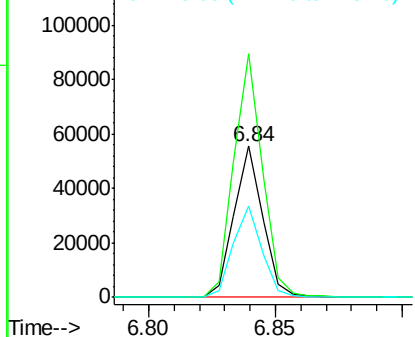
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Instrument :
BNA_F
ClientSampleId :
113017-TIDO-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	60.7	50.1	75.1



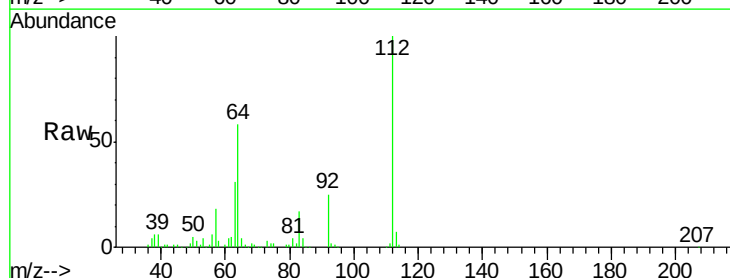
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



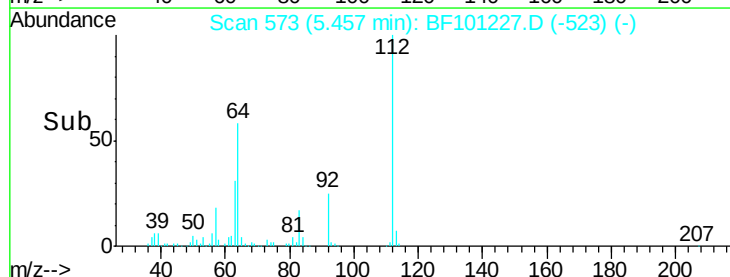
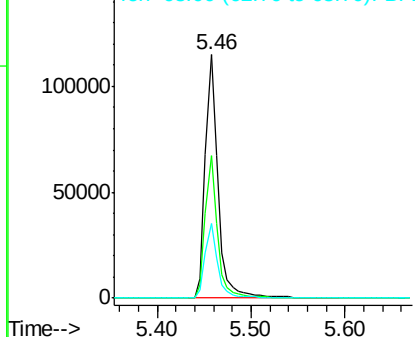
#5

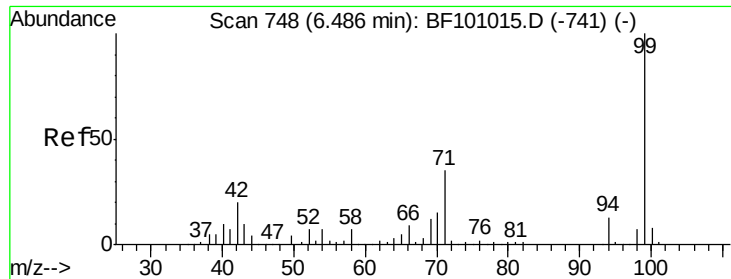
2-Fluorophenol
Concen: 41.579 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	30.6	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: 25.150 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101227.D

Acq: 8 Dec 2017 2:05

Instrument :

BNA_F

ClientSampleId :

113017-TIDO-E-U-S

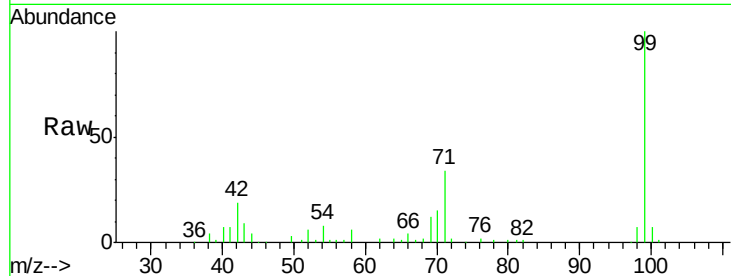
Tot Ion: 99 Resp: 80560

Ion Ratio Lower Upper

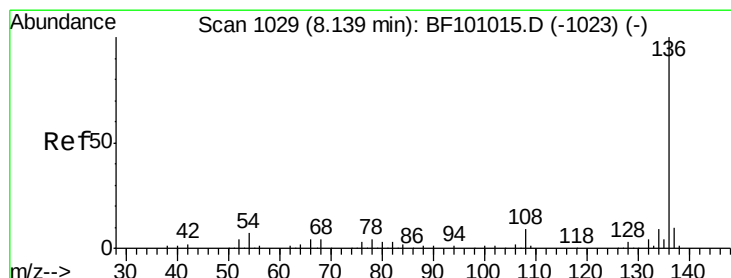
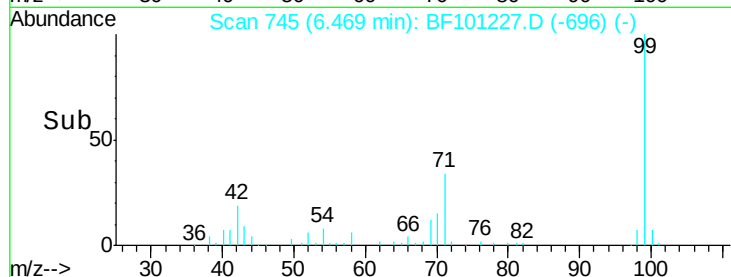
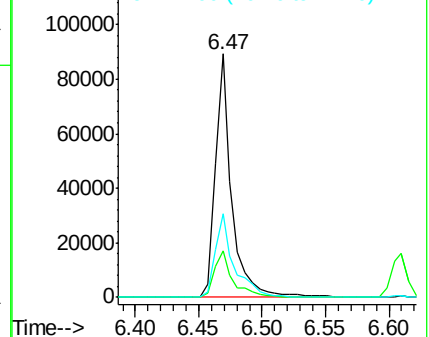
99 100

42 19.1 14.5 21.7

71 34.2 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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101227.D

Acq: 8 Dec 2017 2:05

Tgt Ion: 136 Resp: 156865

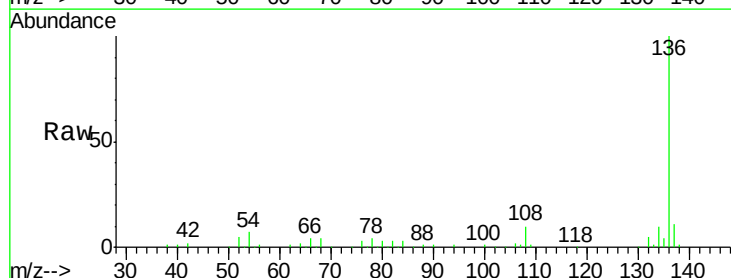
Ion Ratio Lower Upper

136 100

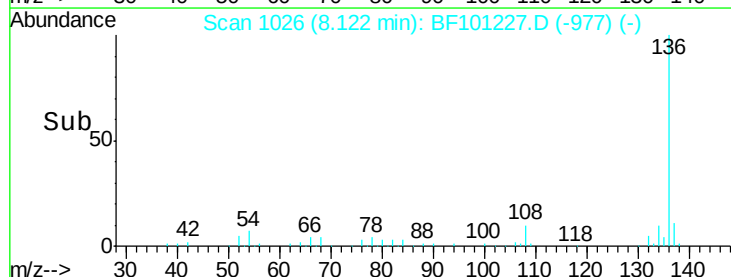
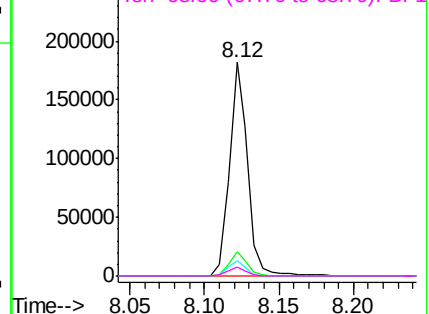
137 11.2 8.9 13.3

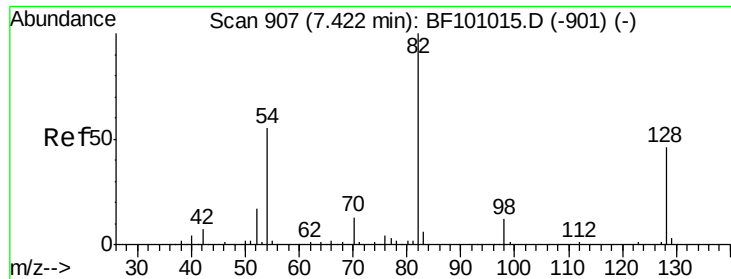
54 7.5 6.6 9.8

68 4.0 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

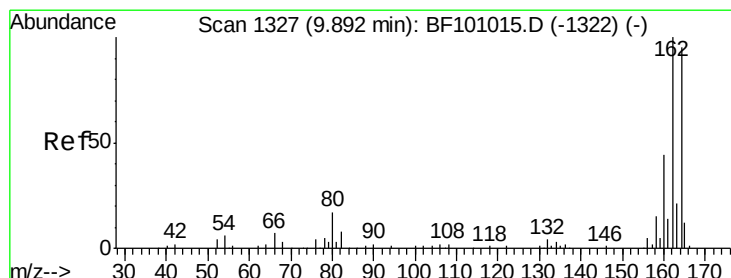
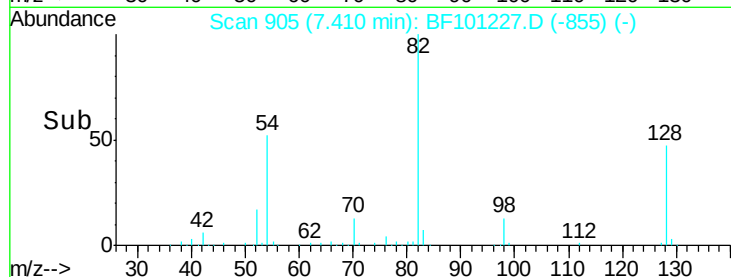
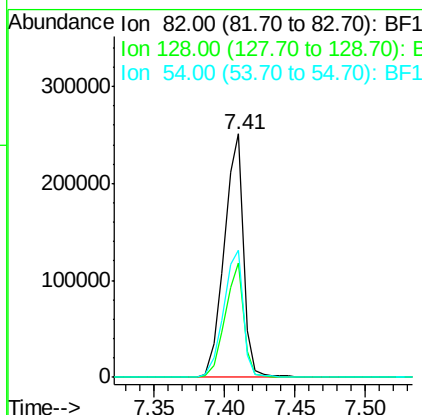
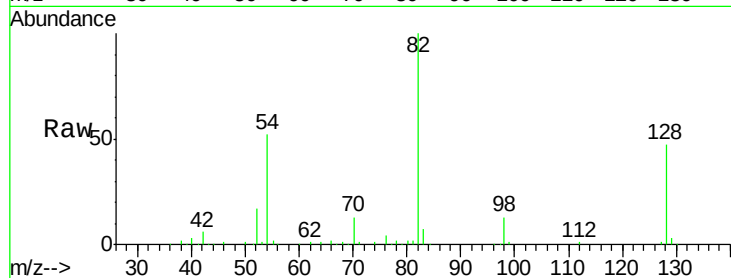




#23
 Nitrobenzene-d5
 Concen: 90.463 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101227.D
 Acq: 8 Dec 2017 2:05

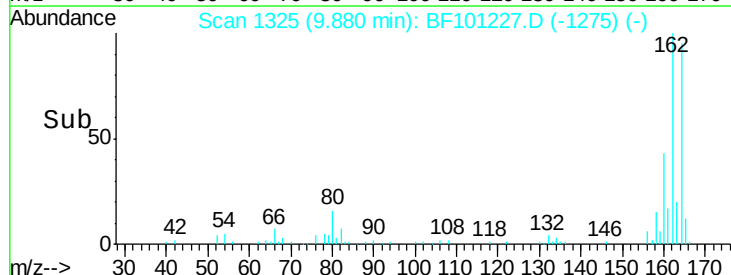
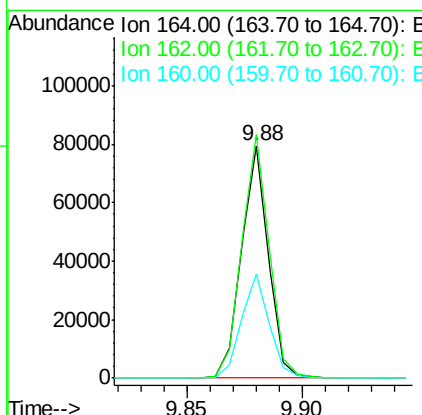
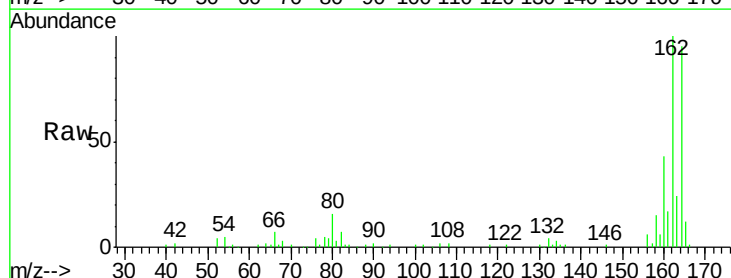
Instrument :
 BNA_F
 ClientSampleId :
 113017-TIDO-E-U-S

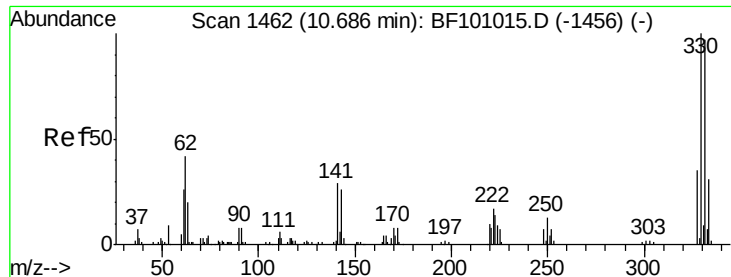
Tot Ion: 82 Resp: 237884
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 52.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101227.D
 Acq: 8 Dec 2017 2:05

Tgt Ion: 164 Resp: 64587
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 44.9 38.3 57.5

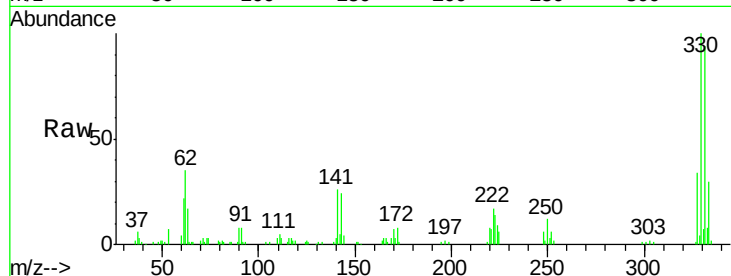




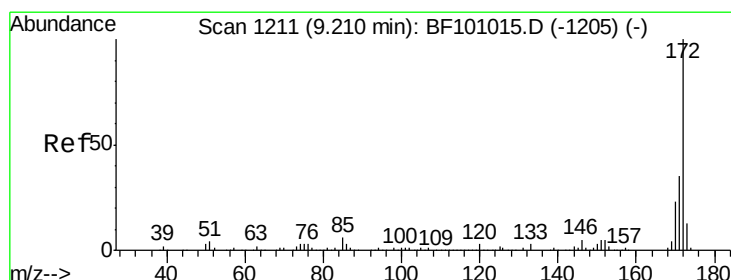
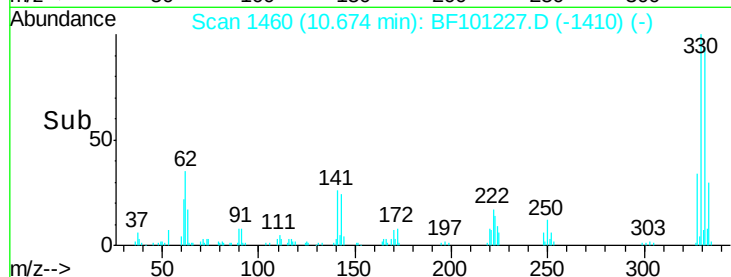
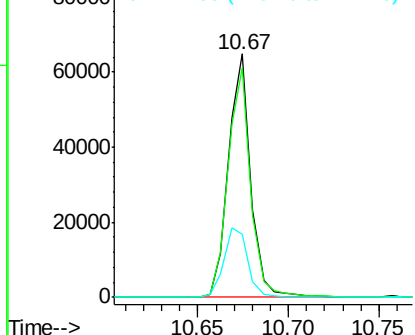
#41
 2,4,6-Tribromophenol
 Concen: 71.561 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101227.D
 Acq: 8 Dec 2017 2:05

Instrument :
 BNA_F
 ClientSampleId :
 113017-TIDO-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	30.4	29.9	44.9

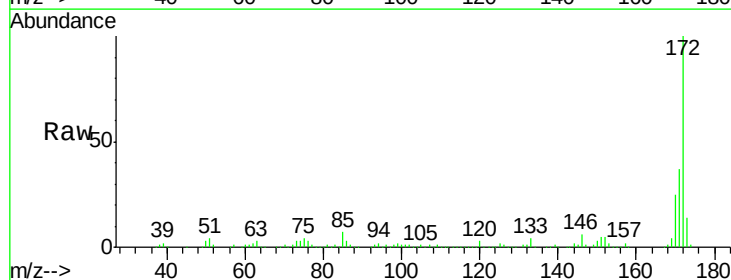


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

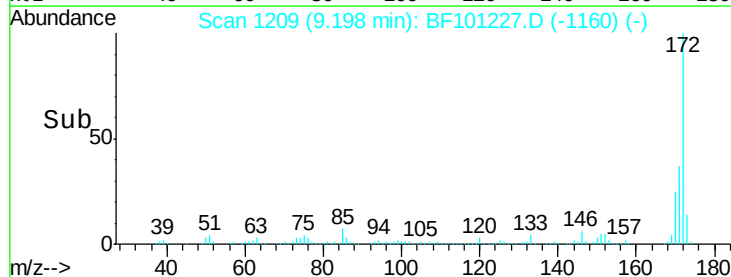
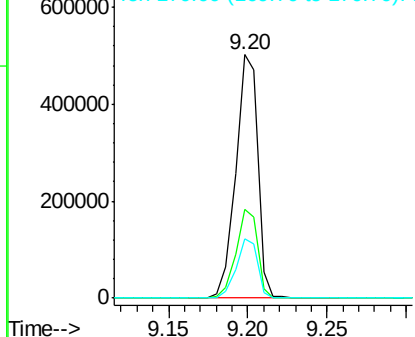


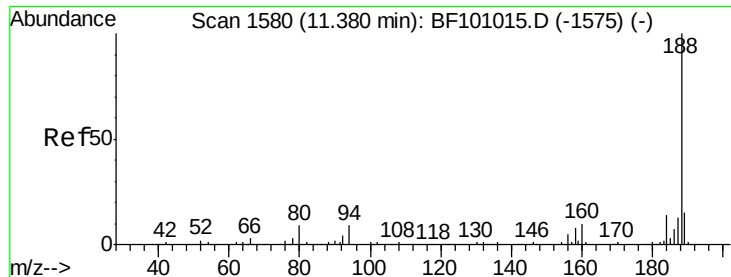
#44
 2-Fluorobiphenyl
 Concen: 102.308 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101227.D
 Acq: 8 Dec 2017 2:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	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

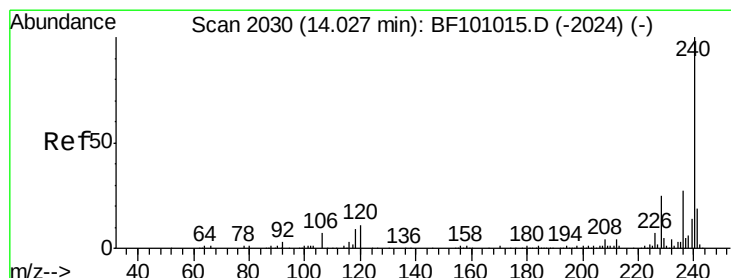
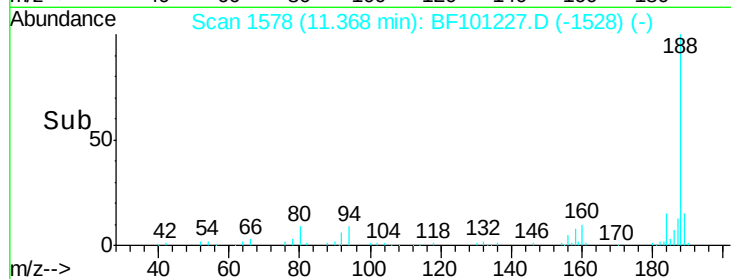
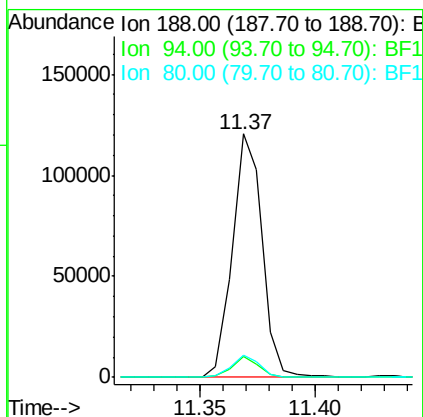
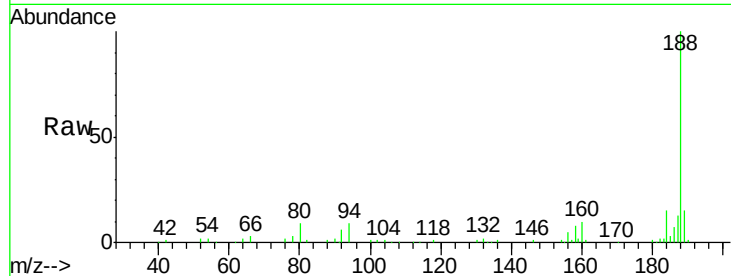




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

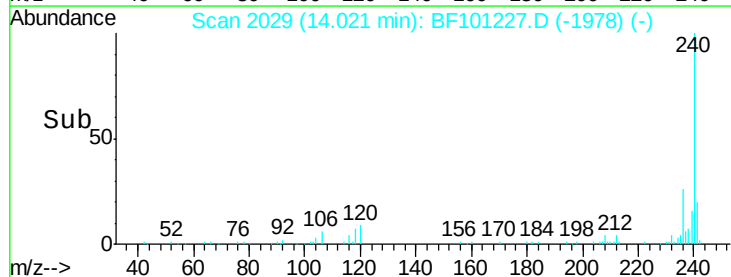
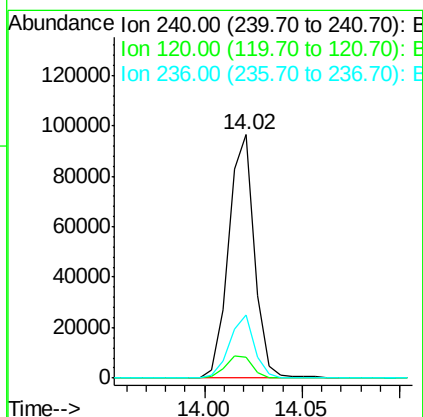
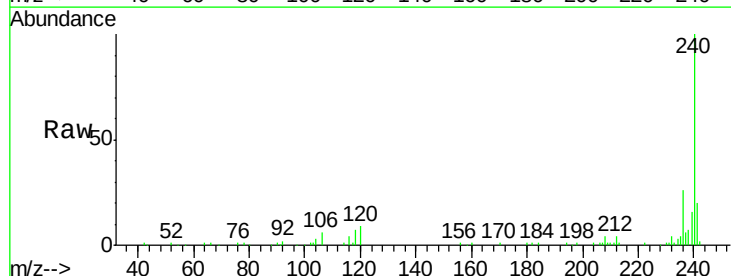
Instrument :
BNA_F
ClientSampleId :
113017-TIDO-E-U-S

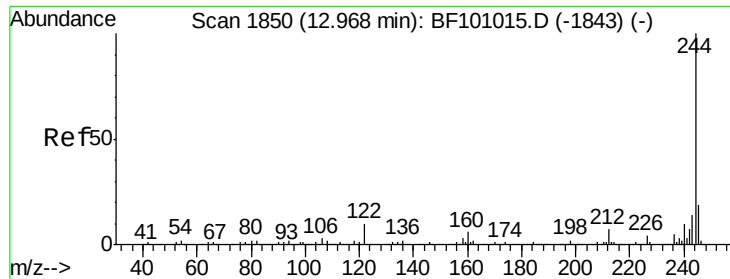
Tot Ion:188 Resp: 107941
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Tgt Ion:240 Resp: 88166
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 92.039 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101227.D

Acq: 8 Dec 2017 2:05

Instrument :

BNA_F

ClientSampleId :

113017-TIDO-E-U-S

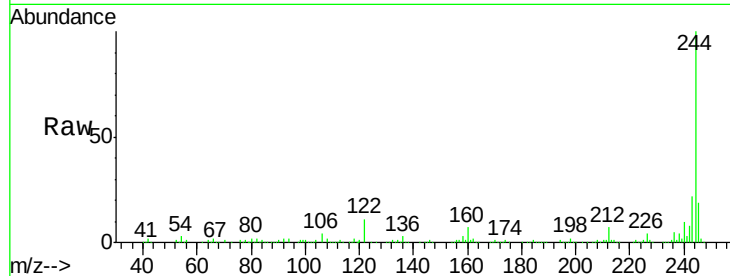
Tot Ion:244 Resp: 370999

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

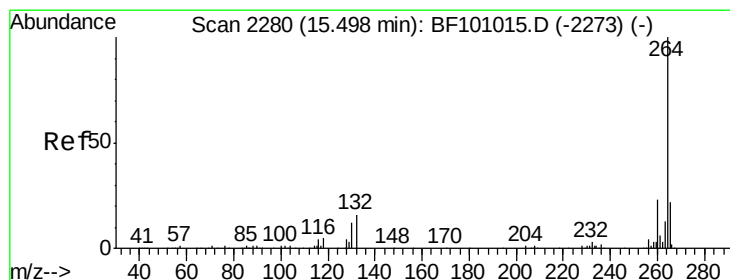
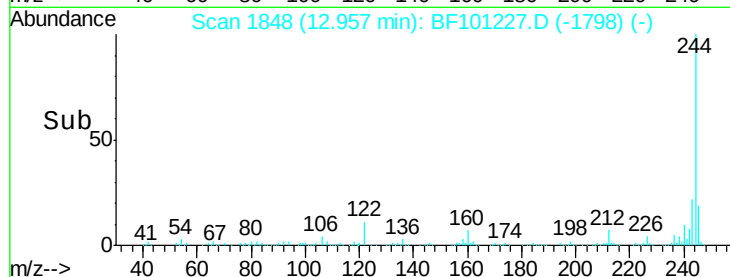
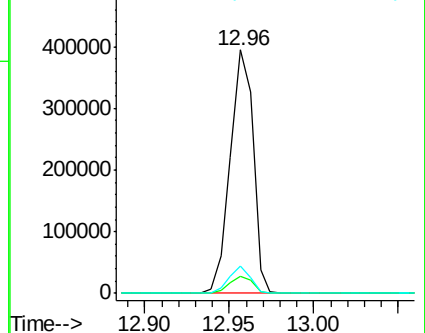
122 11.0 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101227.D

Acq: 8 Dec 2017 2:05

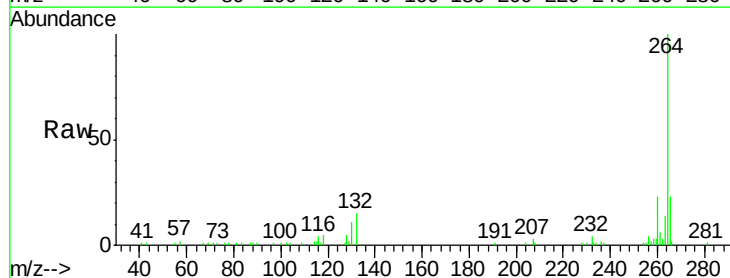
Tgt Ion:264 Resp: 68878

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.6 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

