

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101641.D
 Acq On : 22 Dec 2017 8:01
 Operator : SJ/JU
 Sample : I7008-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIDO-F-U-S

Quant Time: Dec 22 10:28:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

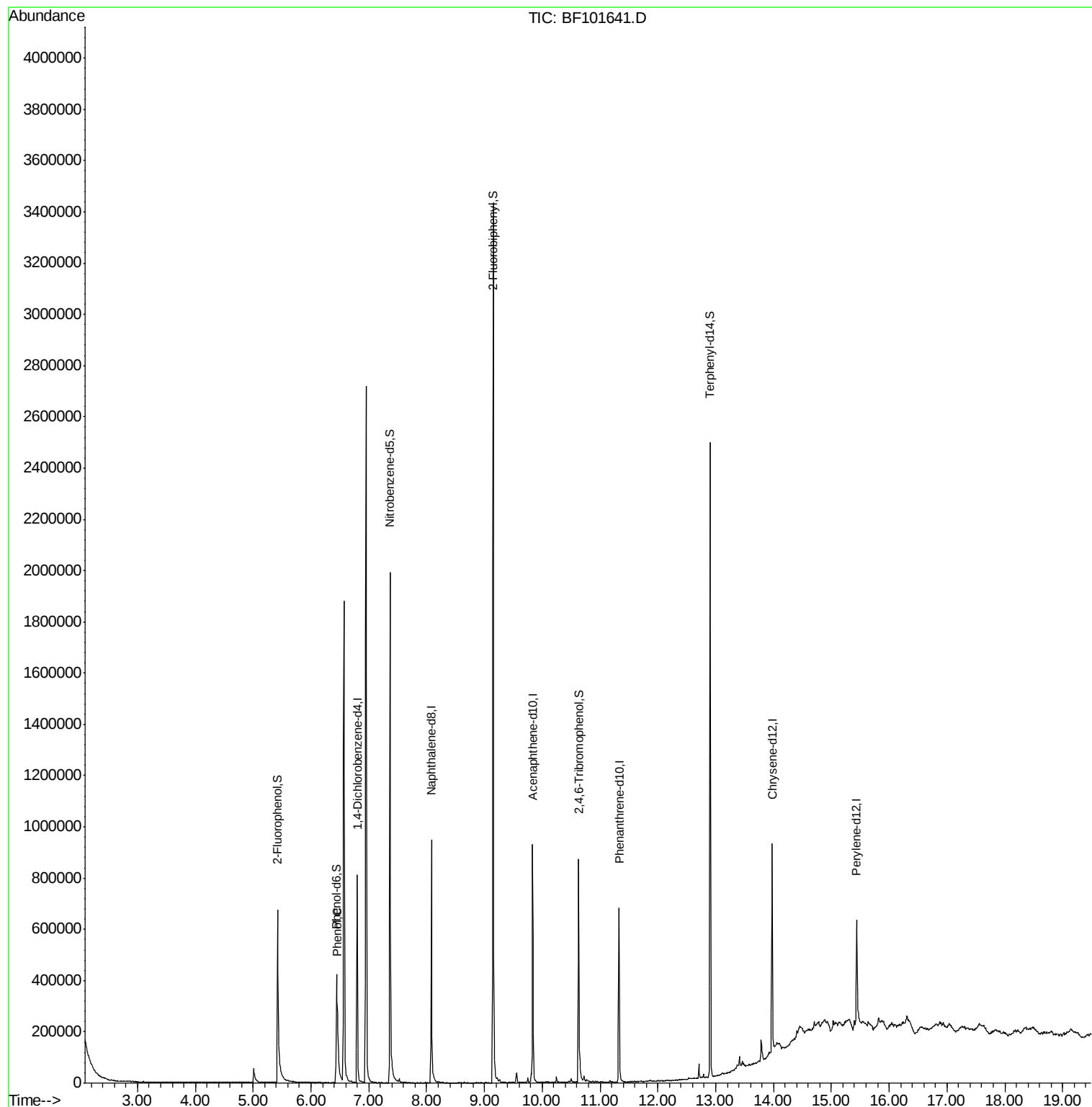
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	127798	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	490020	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	184708	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	276957	20.00	ng	0.00
75) Chrysene-d12	13.97	240	286801	20.00	ng	0.00
86) Perylene-d12	15.44	264	218073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	324746	37.85	ng	0.01
7) Phenol-d6	6.45	99	239969	22.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	731092	83.05	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	119306	67.03	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1166619	97.98	ng	0.00
78) Terphenyl-d14	12.90	244	827000	69.52	ng	0.00
Target Compounds						
10) Phenol	6.46	94	26012	2.137	ng	Qvalue # 61

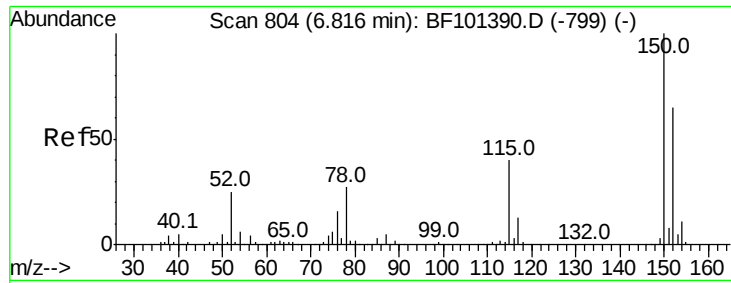
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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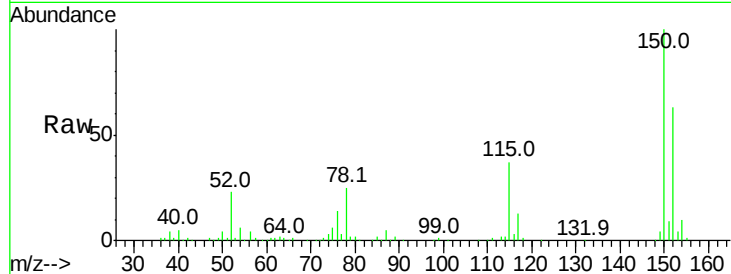


#1

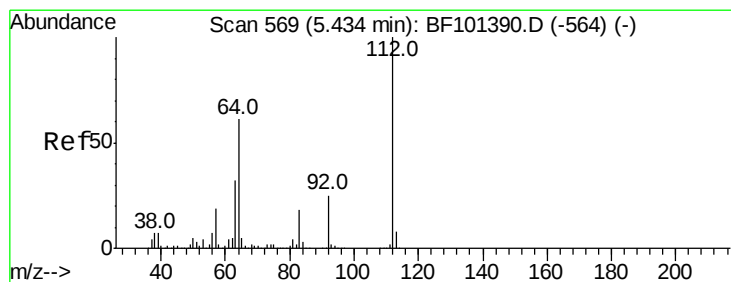
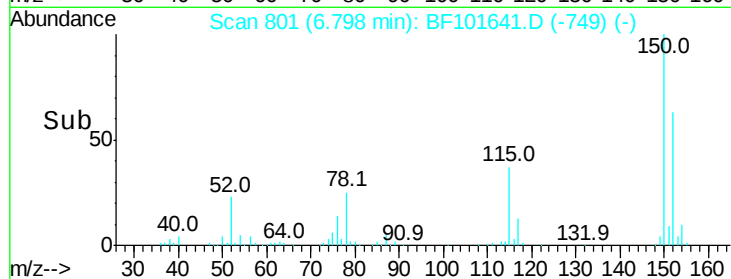
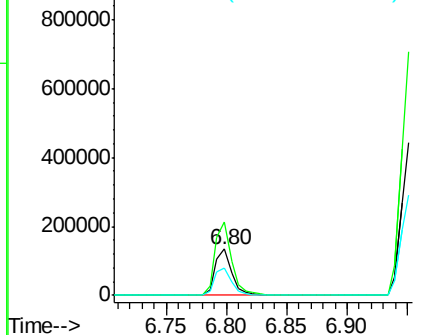
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	58.8	50.1	75.1



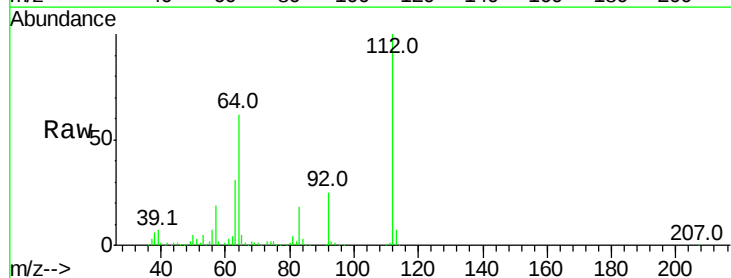
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



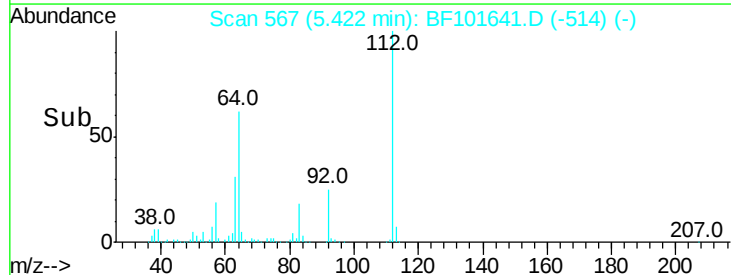
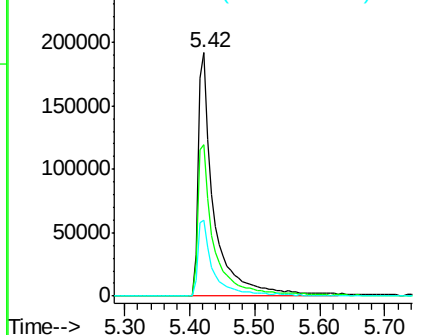
#5

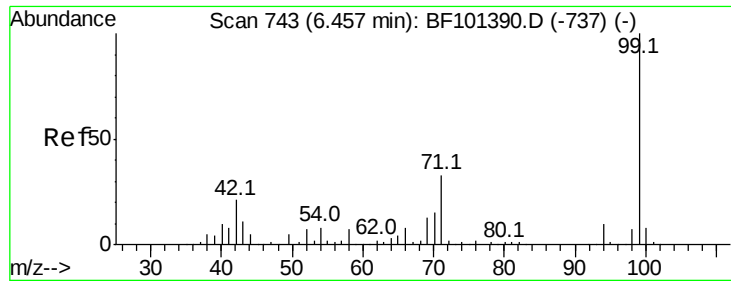
2-Fluorophenol
 Concen: 37.852 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	31.0	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: 22.474 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101641.D

Acq: 22 Dec 2017 8:01

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-U-S

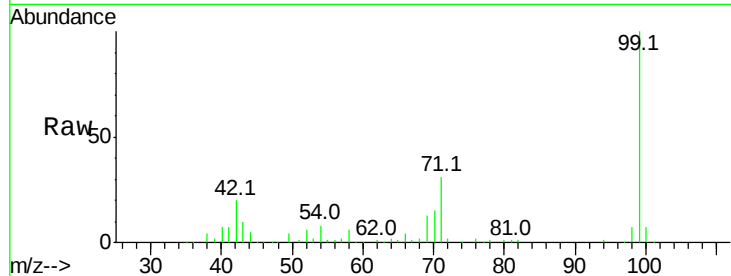
Tot Ion: 99 Resp: 239969

Ion Ratio Lower Upper

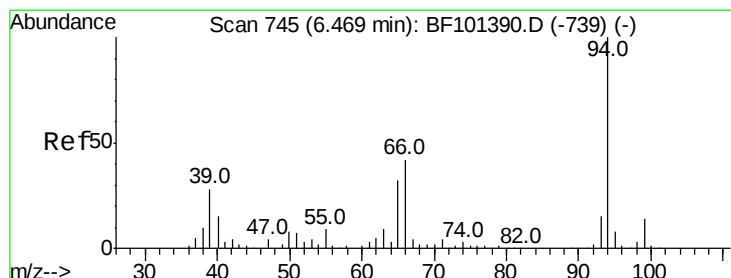
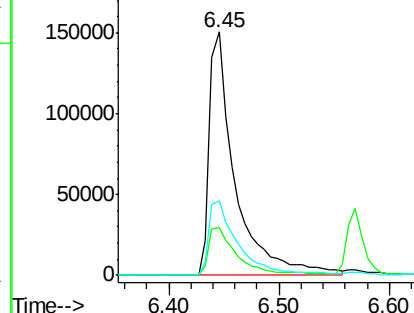
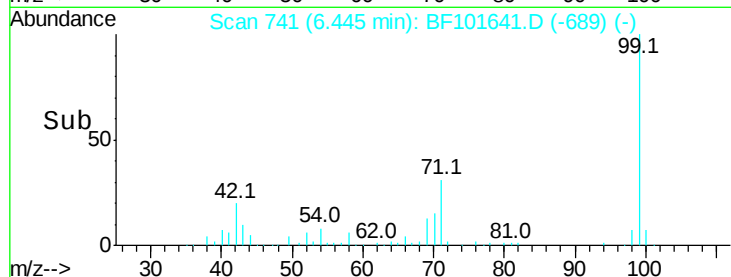
99 100

42 19.8 14.5 21.7

71 30.7 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



#10

Phenol

Concen: 2.137 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101641.D

Acq: 22 Dec 2017 8:01

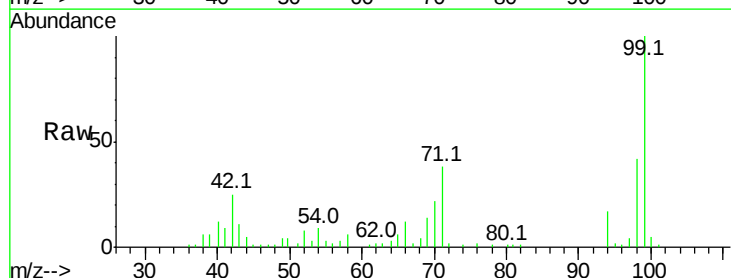
Tgt Ion: 94 Resp: 26012

Ion Ratio Lower Upper

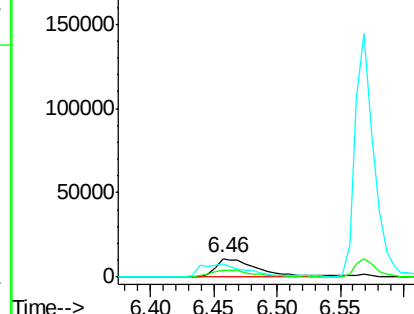
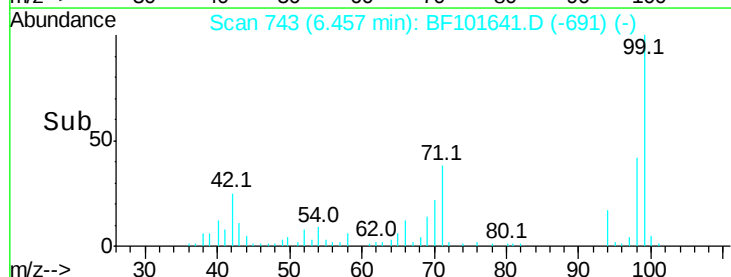
94 100

65 35.9 7.9 47.9

66 69.7 16.2 56.2#



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

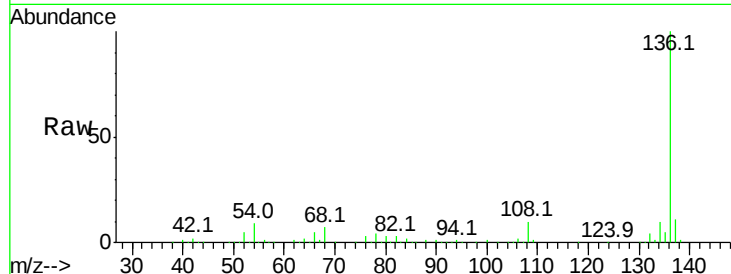




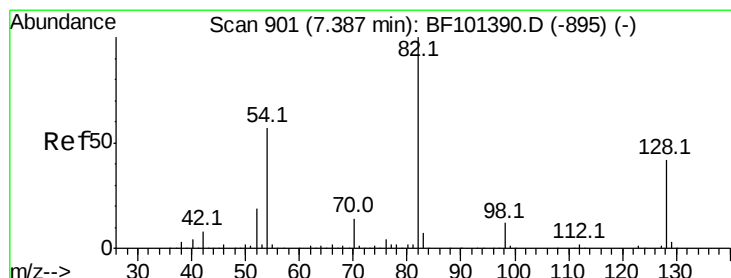
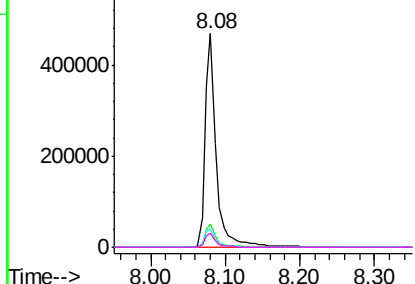
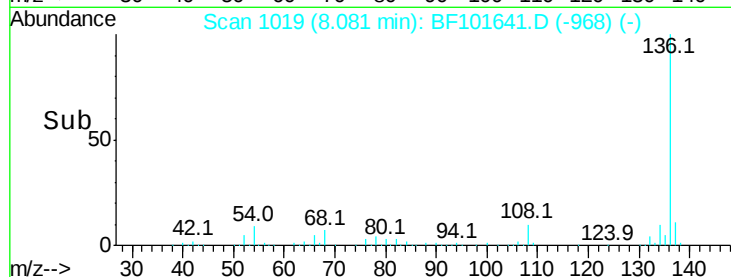
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-U-S

Tot Ion:	136	Resp:	490020
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.6	6.6	9.8
68	6.7	5.0	7.4

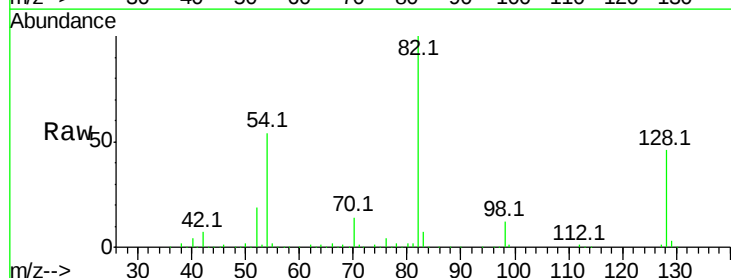


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

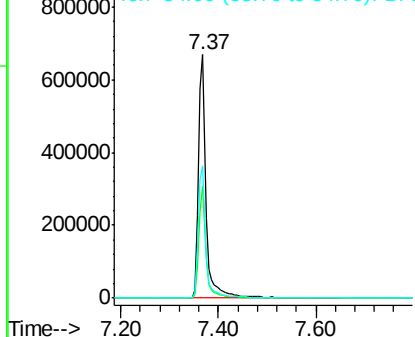
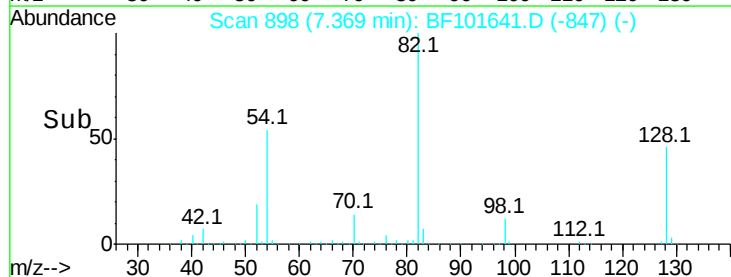


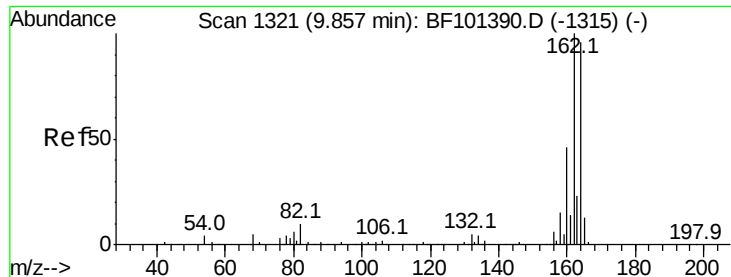
#23
Nitrobenzene-d5
Concen: 83.051 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Tgt Ion:	82	Resp:	731092
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	54.2	41.4	62.2



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

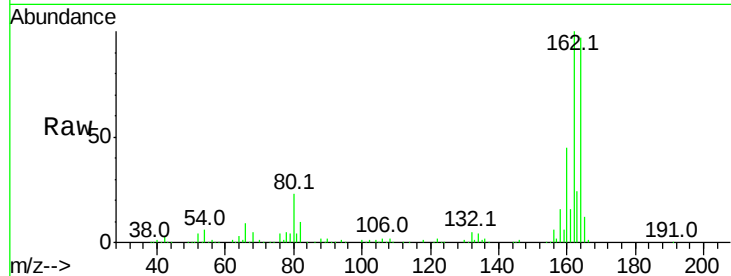




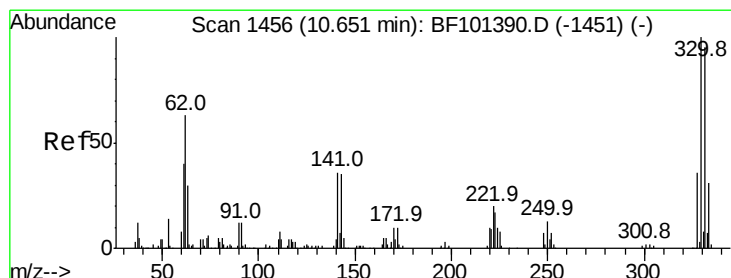
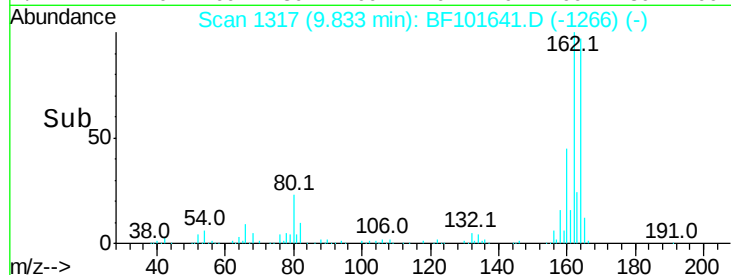
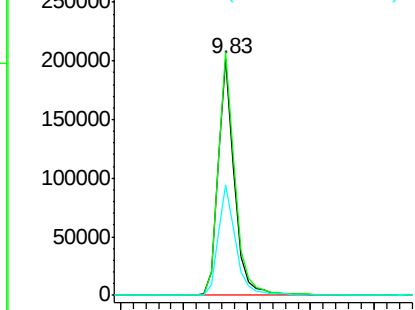
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Instrument :
 BNA_F
 ClientSampleId :
 121817-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.9	38.3	57.5

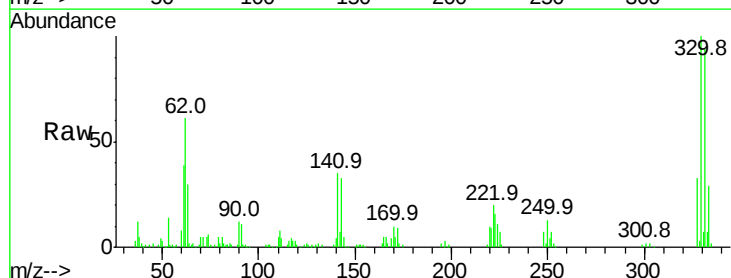


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

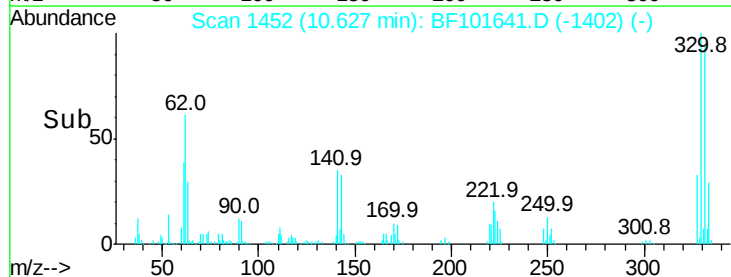
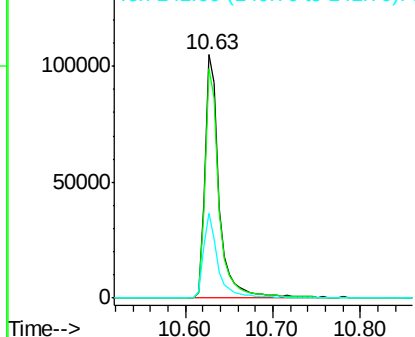


#41
 2,4,6-Tribromophenol
 Concen: 67.033 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	35.1	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



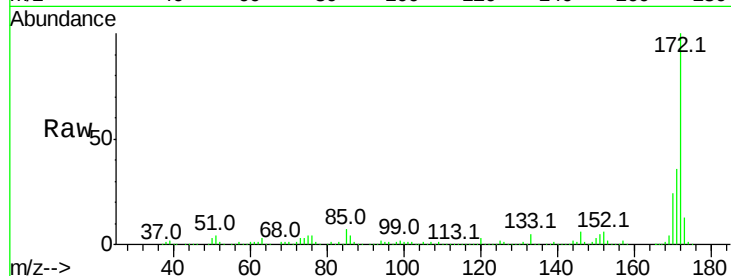


#44
 2-Fluorobiphenyl
 Concen: 97.977 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

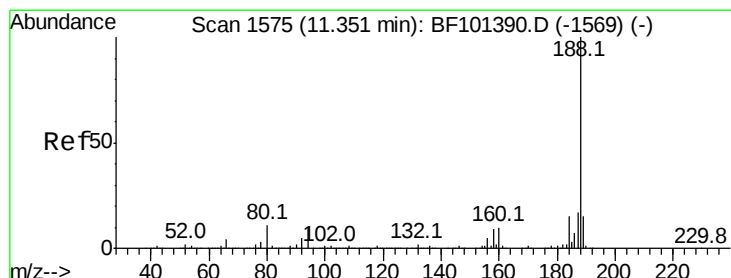
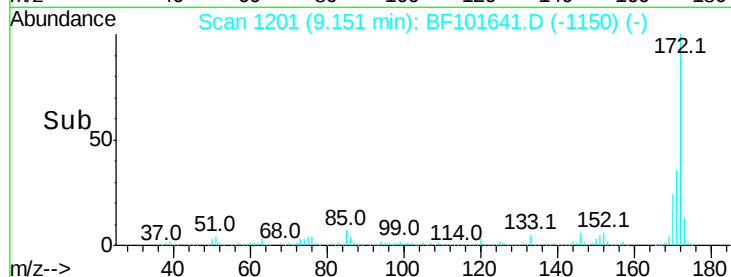
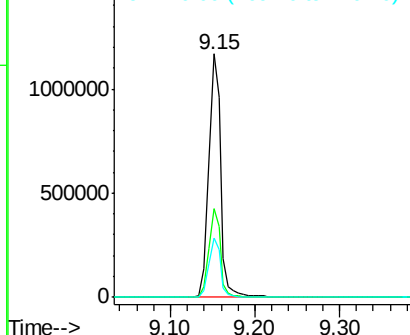
Instrument :
 BNA_F
 ClientSampleId :
 121817-TIDO-F-U-S

Tot Ion:172 Resp: 1166619

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4



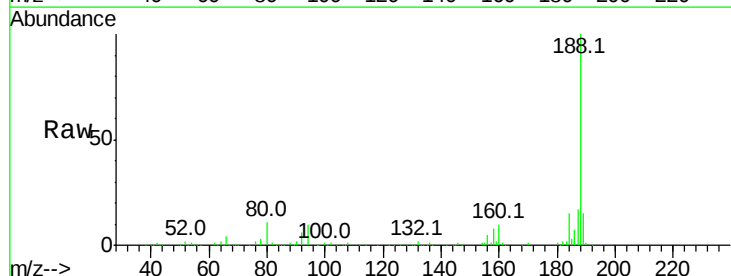
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



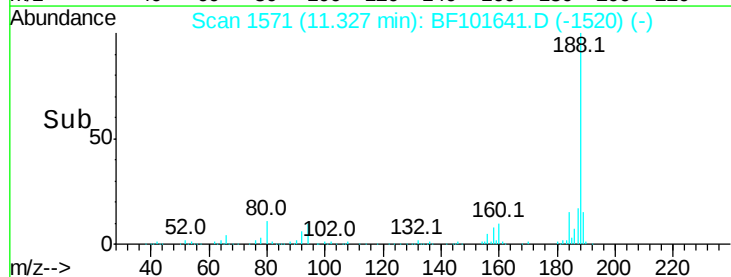
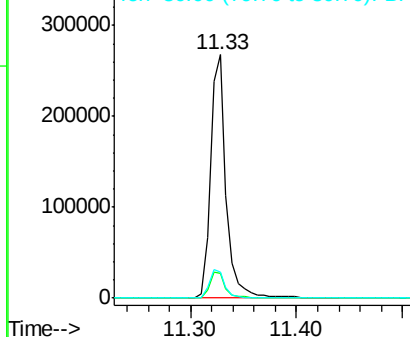
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF101641.D
 Acq: 22 Dec 2017 8:01

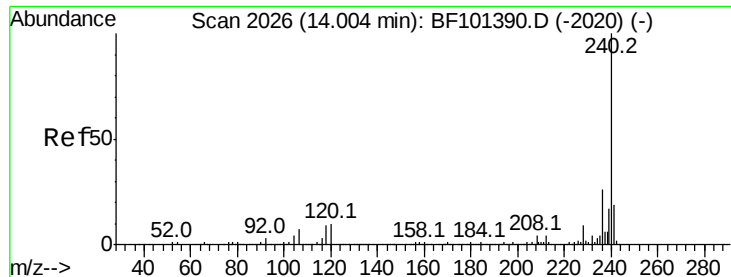
Tgt Ion:188 Resp: 276957

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.9	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: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF101641.D

Acq: 22 Dec 2017 8:01

Instrument :

BNA_F

ClientSampleId :

121817-TIDO-F-U-S

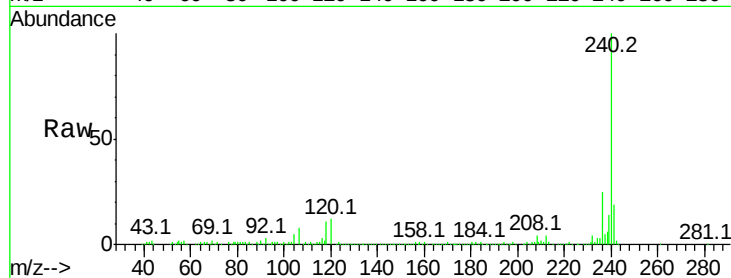
Tot Ion:240 Resp: 286801

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

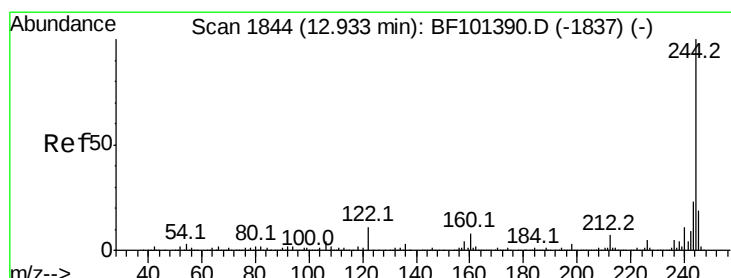
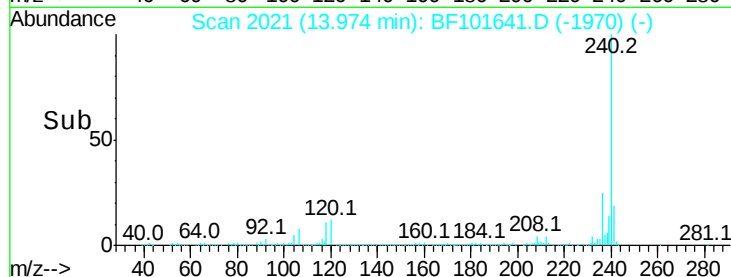
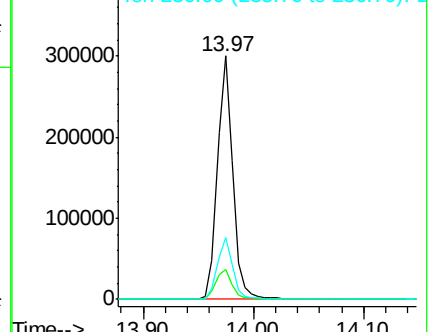
236 25.3 20.7 31.1



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: 69.515 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101641.D

Acq: 22 Dec 2017 8:01

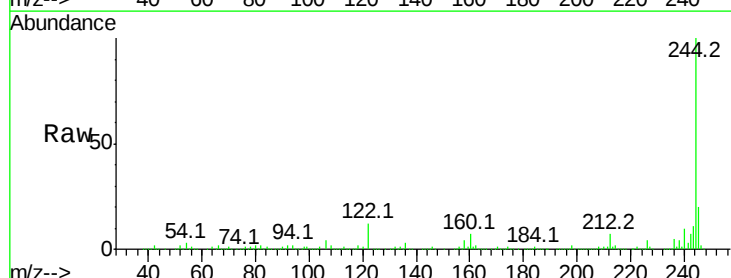
Tgt Ion:244 Resp: 827000

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

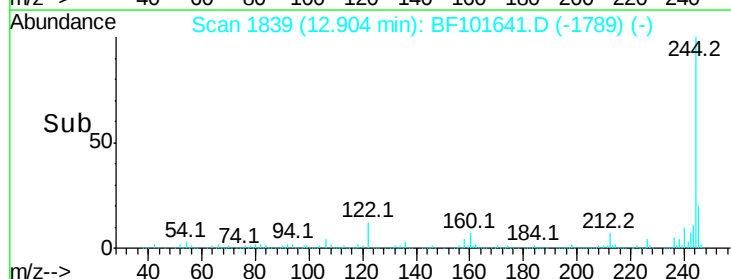
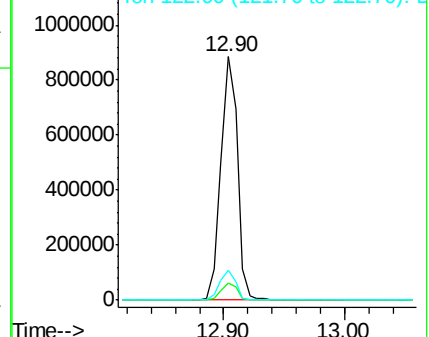
122 12.3 11.0 16.4

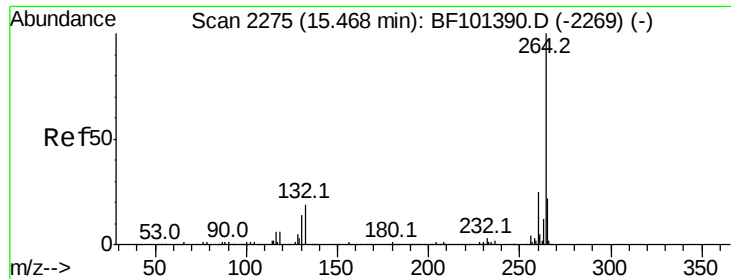


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101641.D
Acq: 22 Dec 2017 8:01

Instrument :
BNA_F
ClientSampleId :
121817-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.6	17.5	26.3

