

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099850.D
 Acq On : 26 Oct 2017 9:21
 Operator : SJ/JU
 Sample : I6057-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-U-M

Quant Time: Oct 26 11:25:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

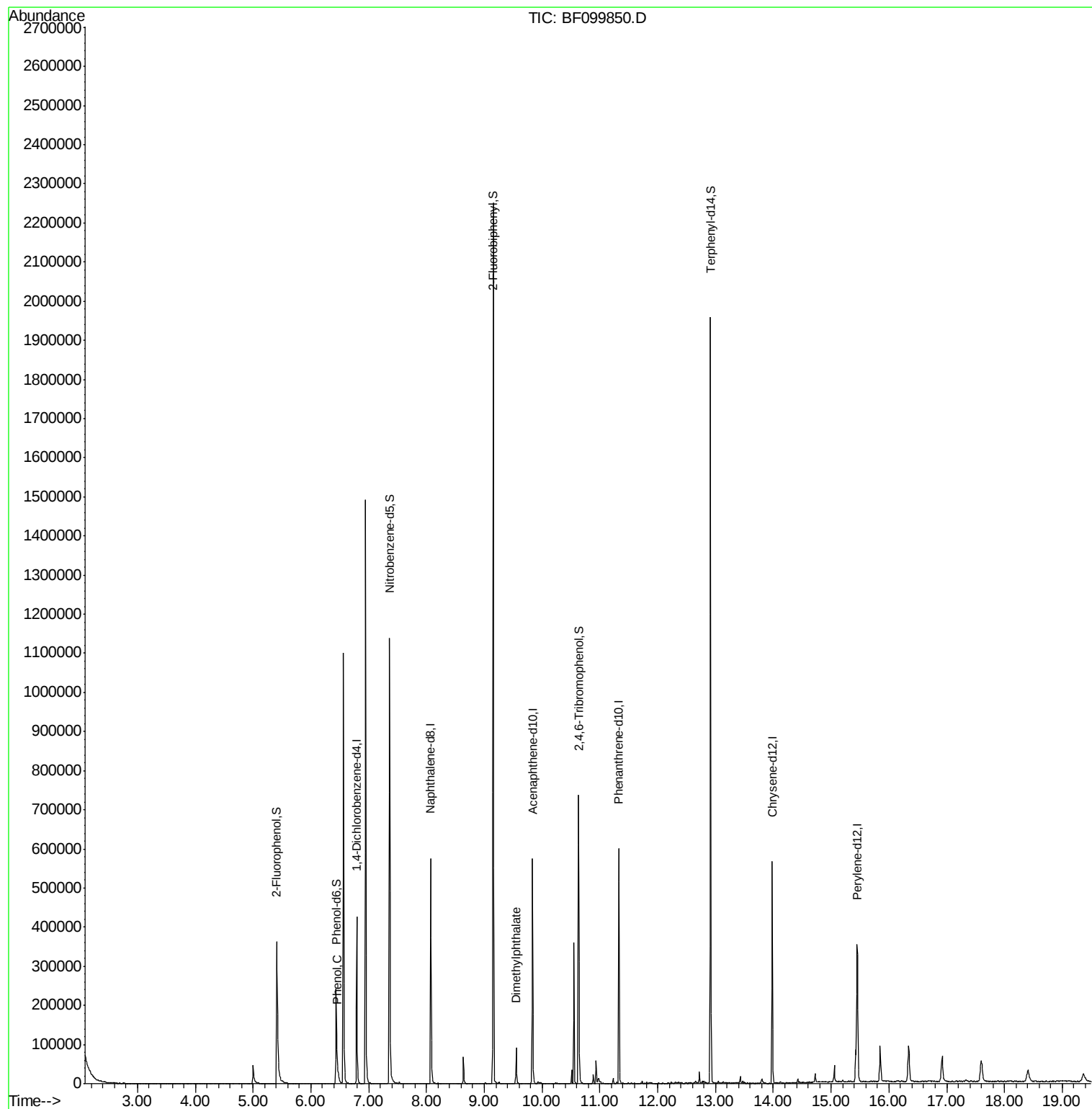
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	68284	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	275680	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	125770	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	224180	20.00	ng	0.00
75) Chrysene-d12	13.98	240	192004	20.00	ng	0.00
86) Perylene-d12	15.45	264	166507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	170201	39.13	ng	0.00
7) Phenol-d6	6.43	99	126382	24.51	ng	0.00
23) Nitrobenzene-d5	7.36	82	363973	85.00	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	94605	82.54	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	737171	90.43	ng	0.00
78) Terphenyl-d14	12.92	244	682642	77.70	ng	0.00
Target Compounds						
10) Phenol	6.46	94	14241	2.515	ng	92
49) Dimethylphthalate	9.55	163	44454	4.463	ng	100

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

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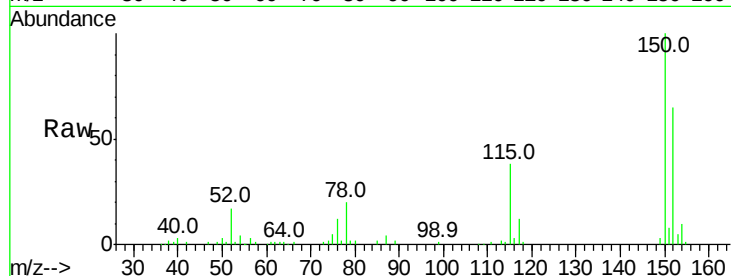


#1

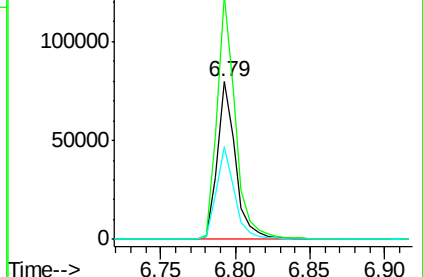
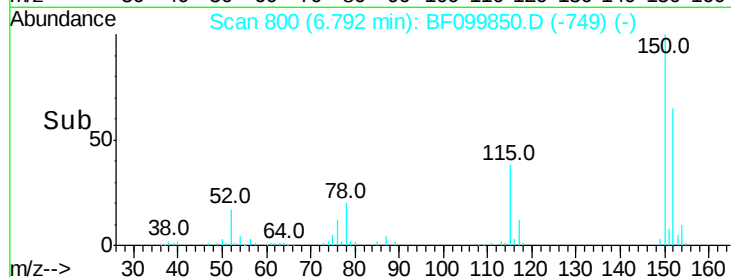
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Instrument :
BNA_F
ClientSampleId :
101917-SIDI-F-U-M

Tot Ion:152 Resp: 68284
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 59.2 50.1 75.1



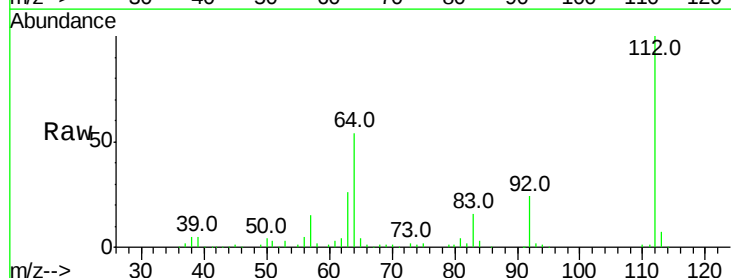
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



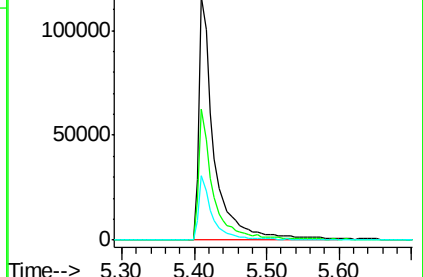
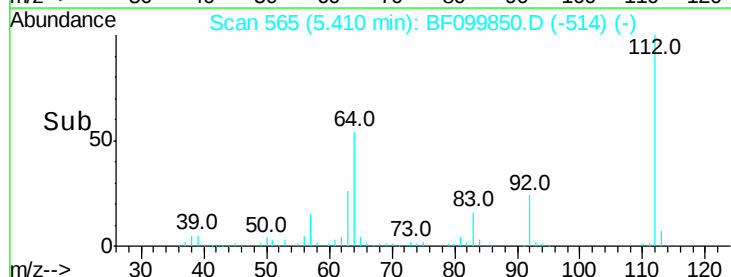
#5

2-Fluorophenol
Concen: 39.132 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Tgt Ion:112 Resp: 170201
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 26.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.506 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099850.D

Acq: 26 Oct 2017 9:21

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-U-M

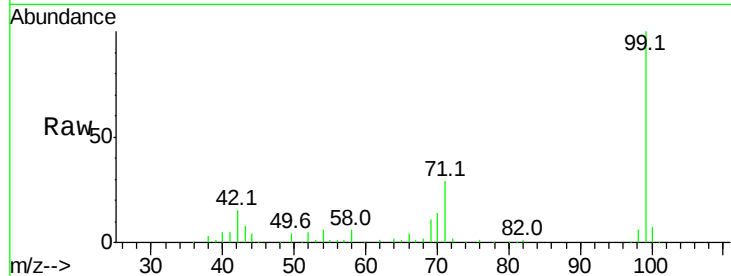
Tot Ion: 99 Resp: 126382

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

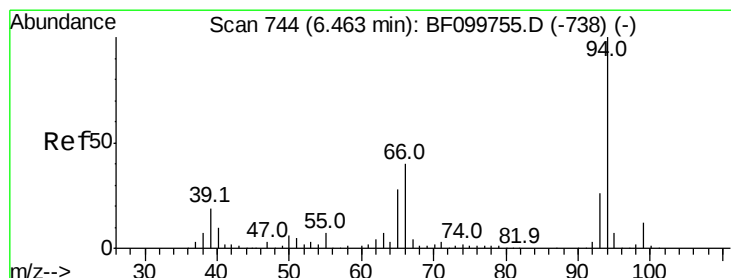
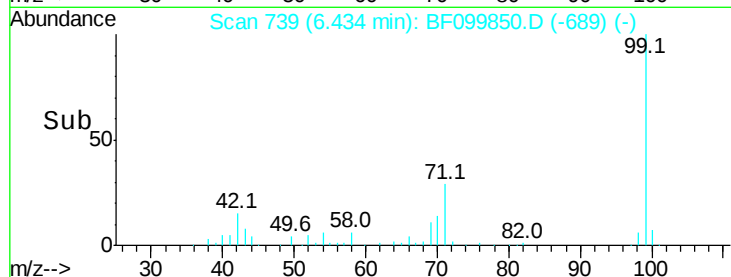
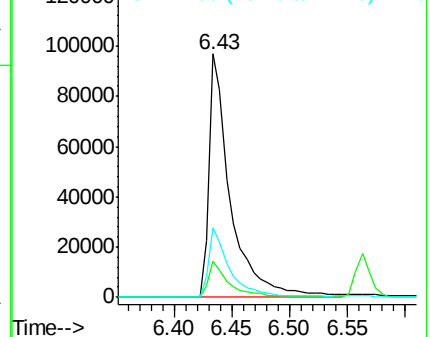
71 28.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.515 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF099850.D

Acq: 26 Oct 2017 9:21

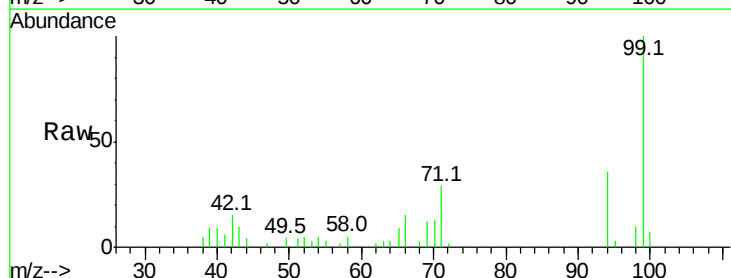
Tgt Ion: 94 Resp: 14241

Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

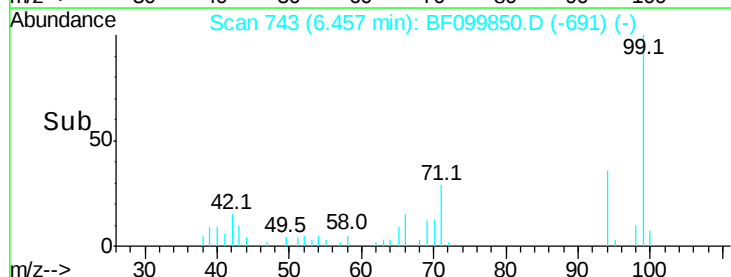
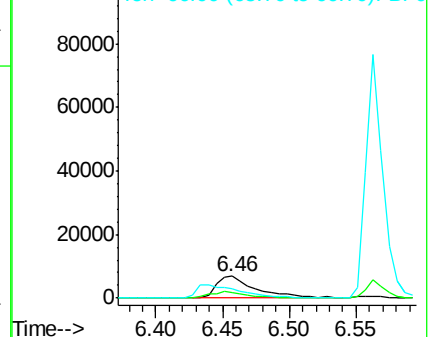
66 41.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

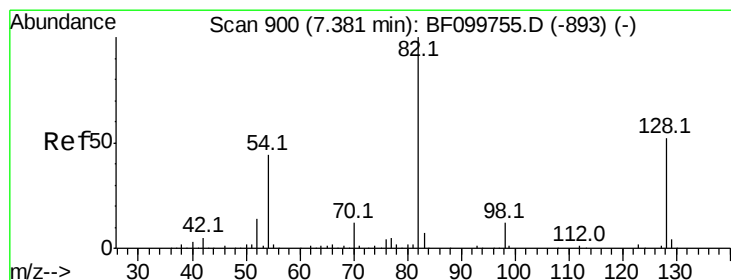
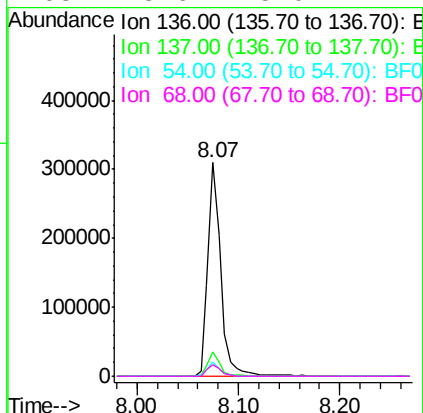
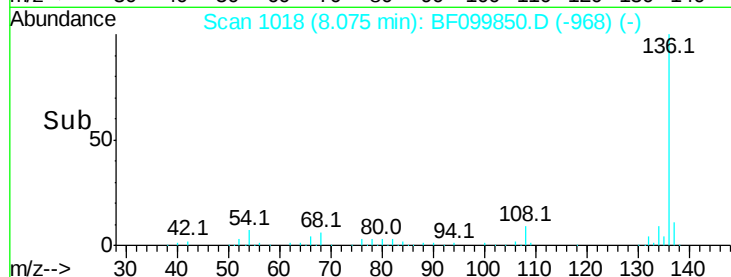
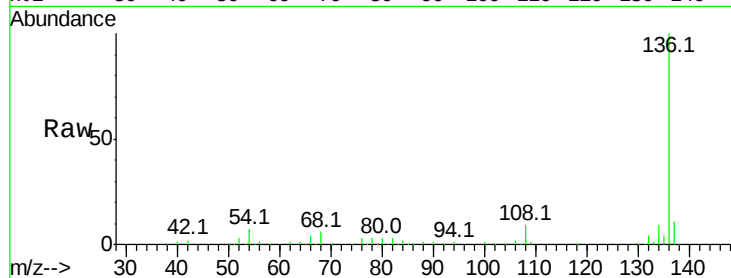




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

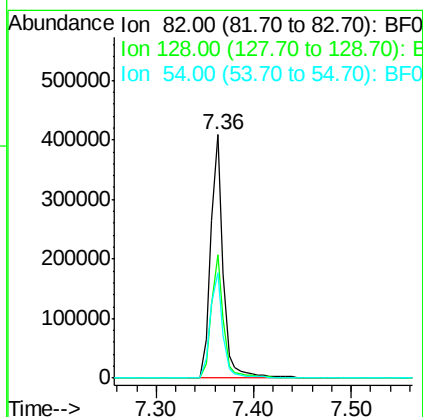
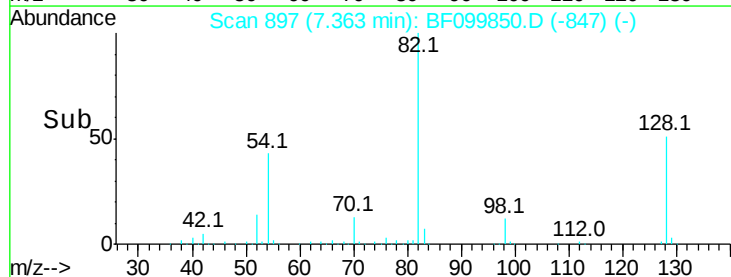
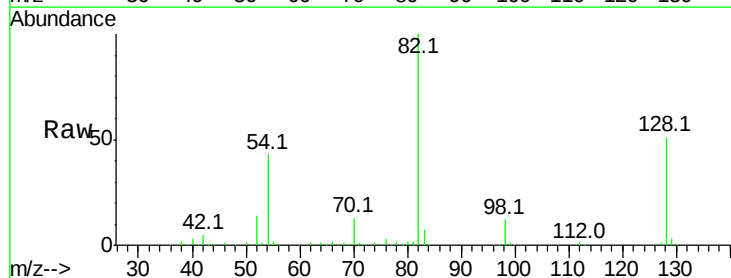
Instrument :
BNA_F
ClientSampleId :
101917-SIDI-F-U-M

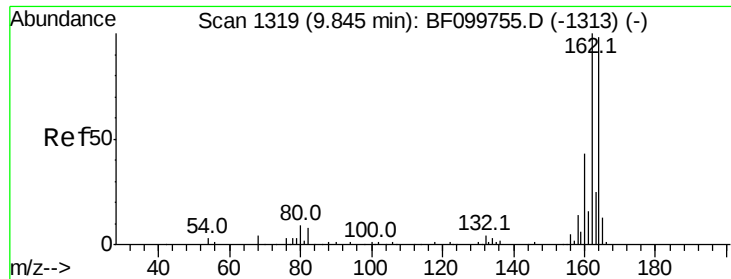
Tot Ion:	136	Resp:	275680
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	6.6	9.8
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.000 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Tgt Ion:	82	Resp:	363973
Ion	Ratio	Lower	Upper
82	100		
128	50.6	36.1	54.1
54	43.2	41.4	62.2

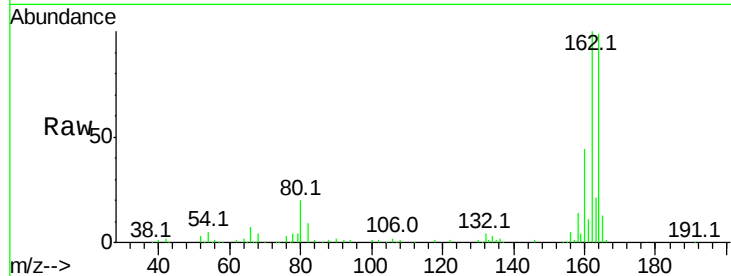




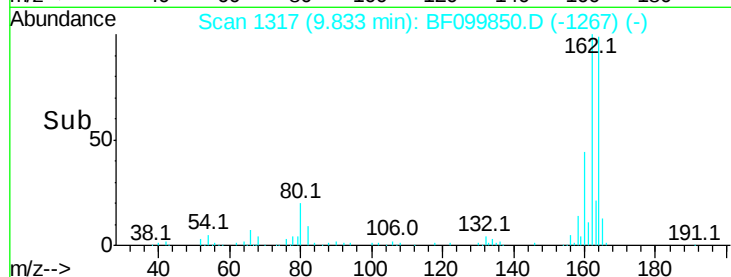
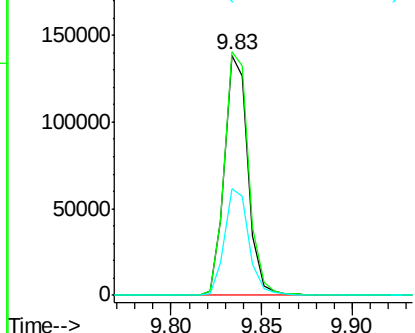
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF099850.D
 Acq: 26 Oct 2017 9:21

Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	44.5	38.3	57.5

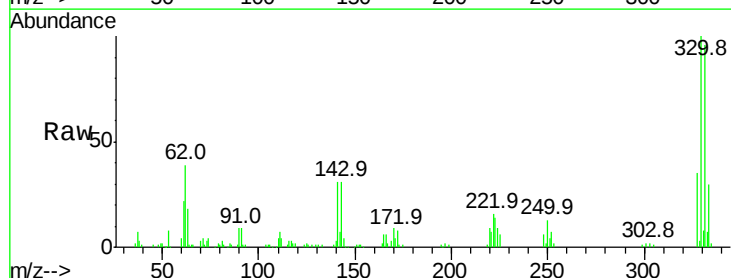


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

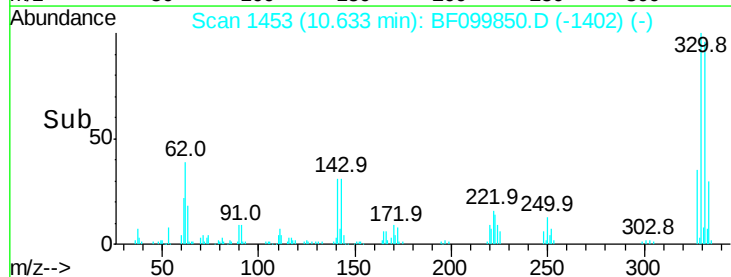
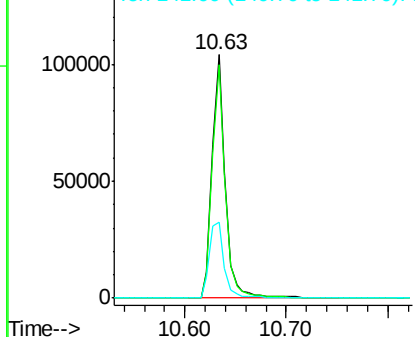


#41
 2,4,6-Tribromophenol
 Concen: 82.541 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF099850.D
 Acq: 26 Oct 2017 9:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	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

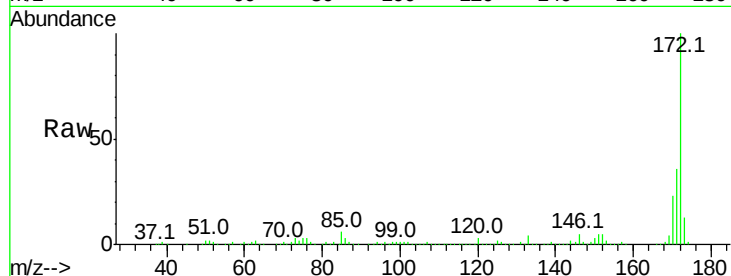




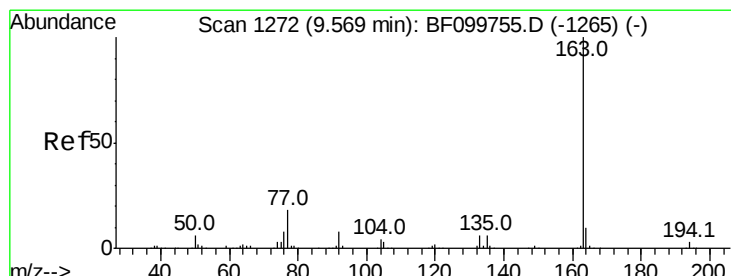
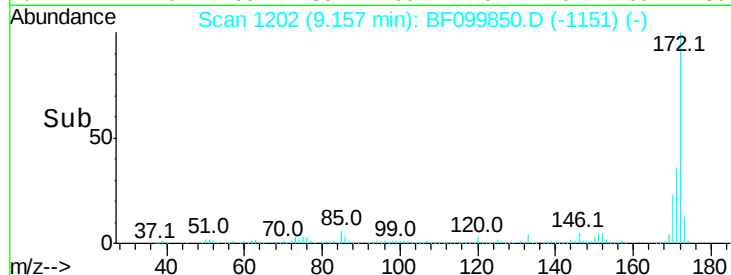
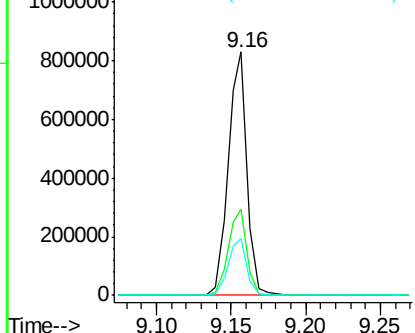
#44
2-Fluorobiphenyl
Concen: 90.430 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Instrument :
BNA_F
ClientSampleId :
101917-SIDI-F-U-M

Tot Ion:172 Resp: 737171
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.5 19.6 29.4

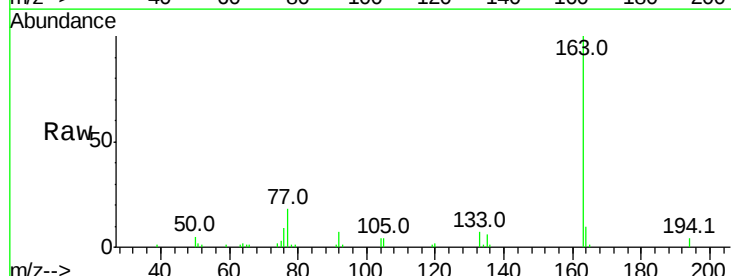


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

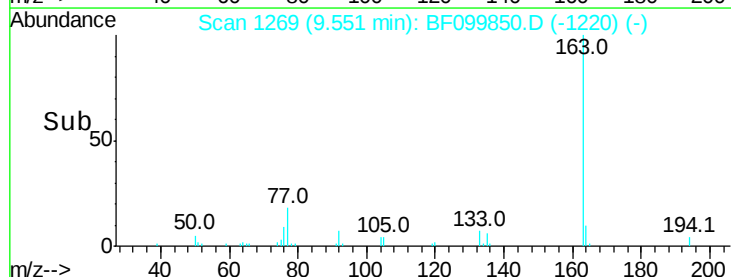
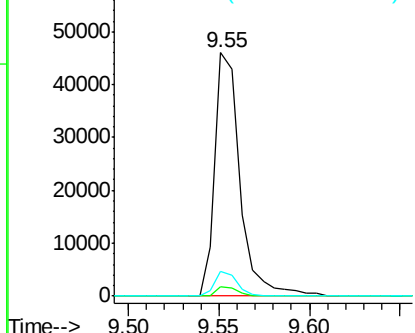


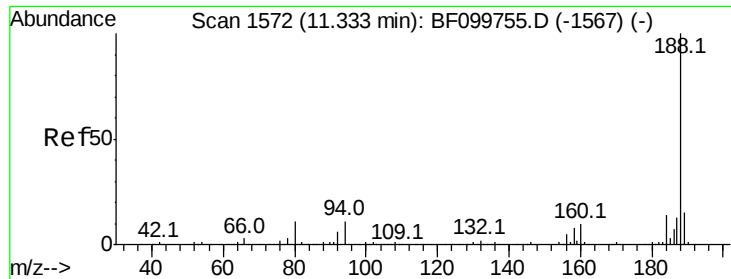
#49
Dimethylphthalate
Concen: 4.463 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Tgt Ion:163 Resp: 44454
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

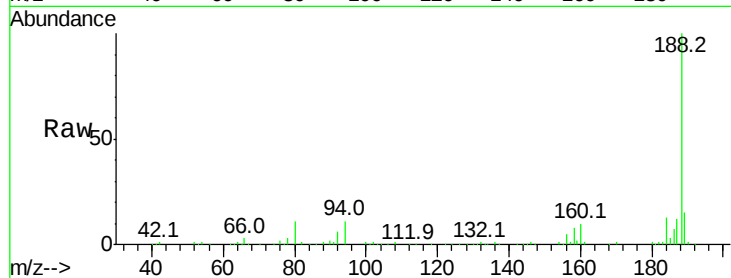




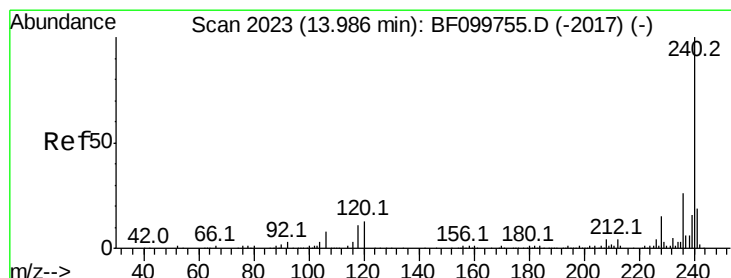
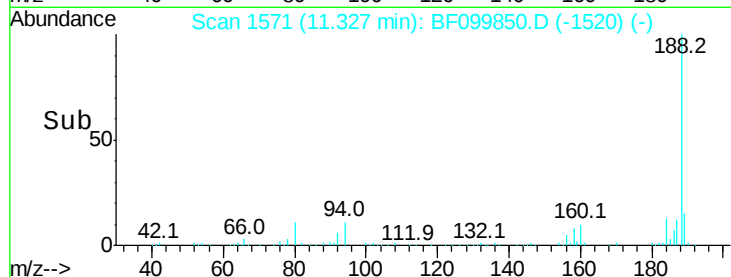
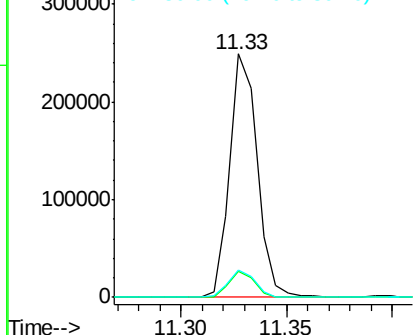
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Instrument :
BNA_F
ClientSampleId :
101917-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.2	9.2	13.8

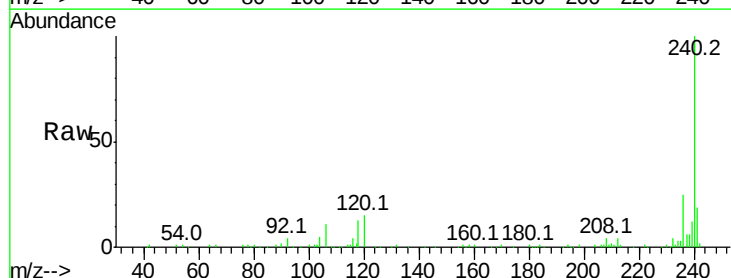


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

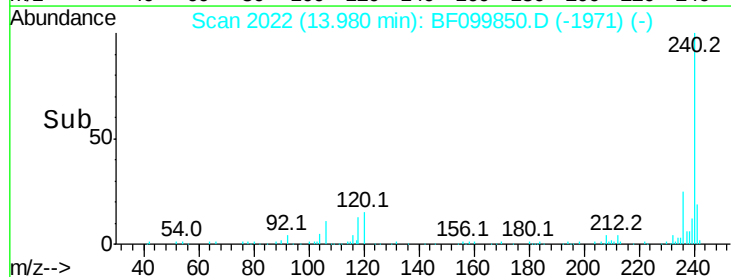
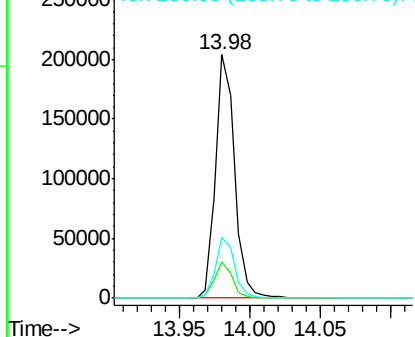


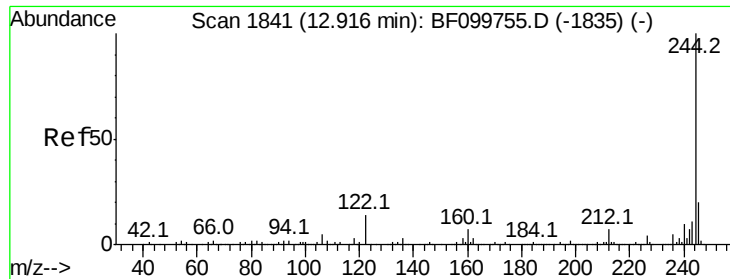
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF099850.D
Acq: 26 Oct 2017 9:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	25.0	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

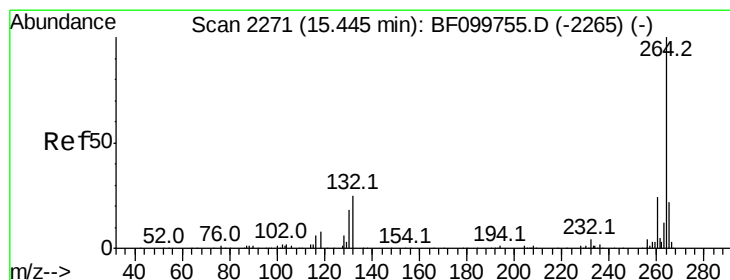
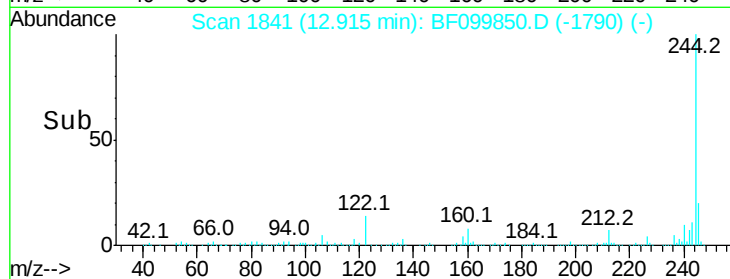
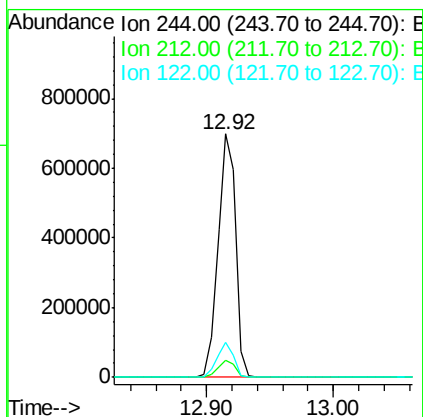
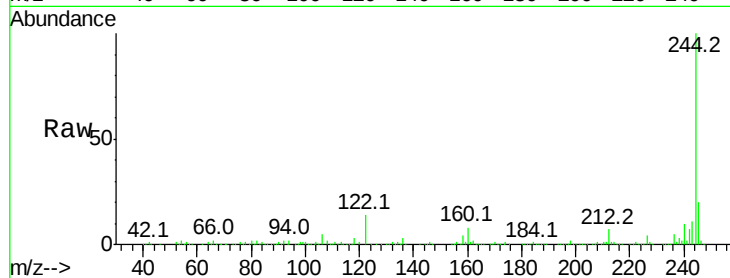




#78
 Terphenyl-d14
 Concen: 77.698 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099850.D
 Acq: 26 Oct 2017 9:21

Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-U-M

Tot Ion:244 Resp: 682642
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099850.D
 Acq: 26 Oct 2017 9:21

Tgt Ion:264 Resp: 166507
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 17.5 26.3

