

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099849.D
 Acq On : 26 Oct 2017 8:53
 Operator : SJ/JU
 Sample : I6057-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Oct 26 11:24:25 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

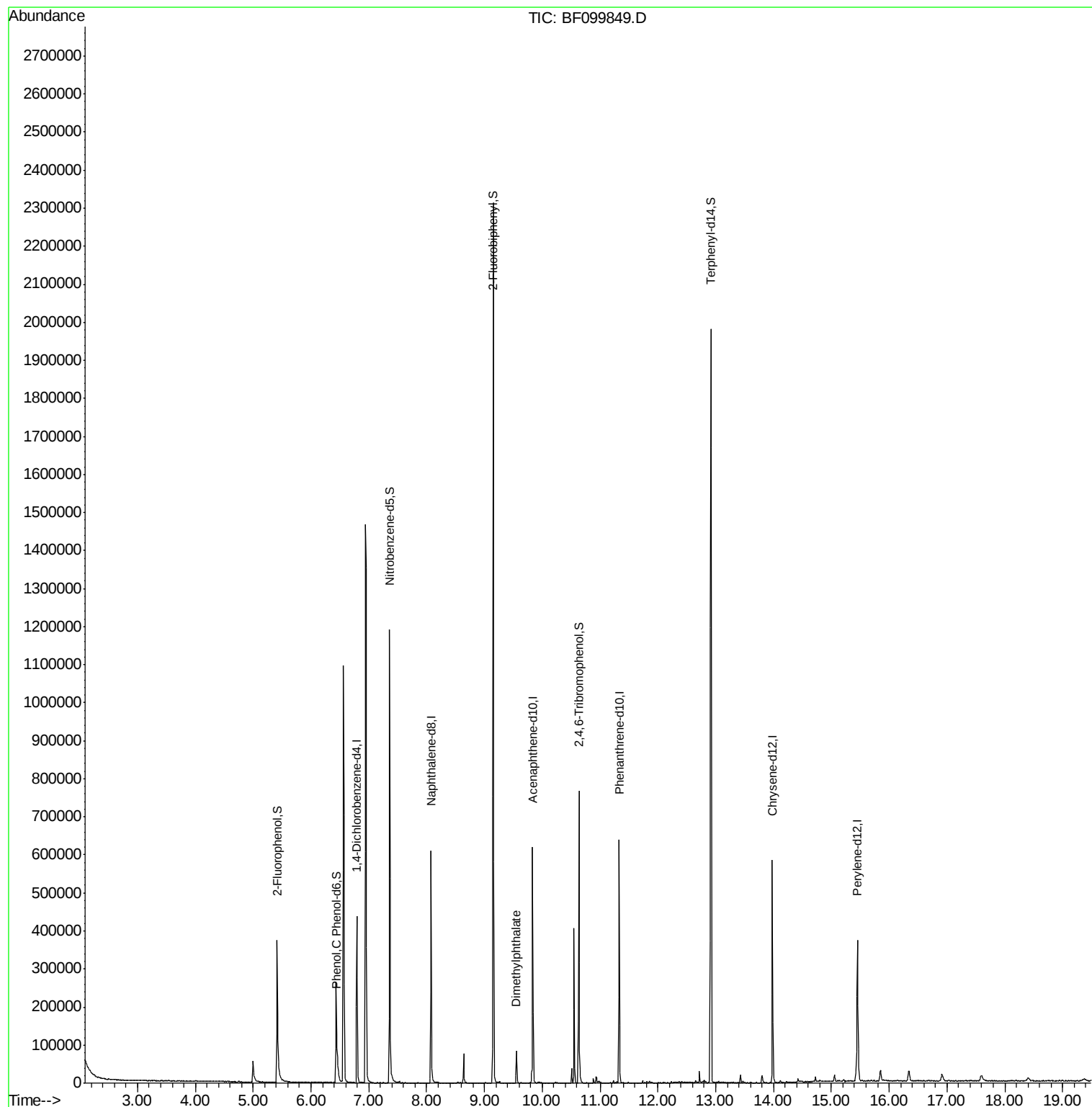
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	69349	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	285870	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	128969	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	233507	20.00	ng	0.00
75) Chrysene-d12	13.98	240	200594	20.00	ng	0.00
86) Perylene-d12	15.45	264	175841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	171242	38.77	ng	0.00
7) Phenol-d6	6.43	99	136174	26.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	372610	83.92	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	96882	82.43	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	753510	90.14	ng	0.00
78) Terphenyl-d14	12.92	244	716483	78.06	ng	0.00
Target Compounds						
10) Phenol	6.45	94	15802	2.748	ng	91
49) Dimethylphthalate	9.55	163	40462	3.962	ng	99

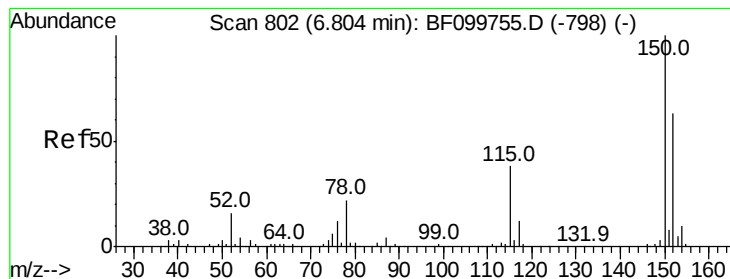
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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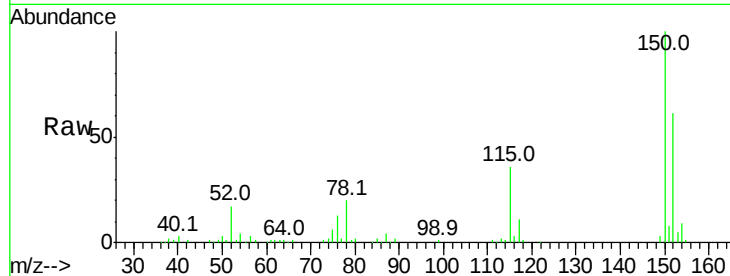


#1

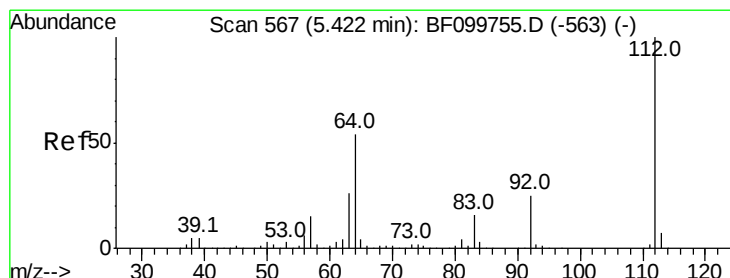
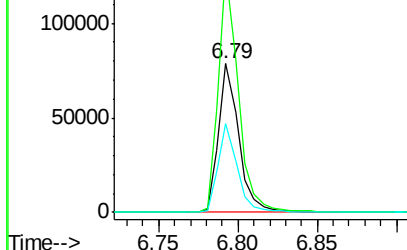
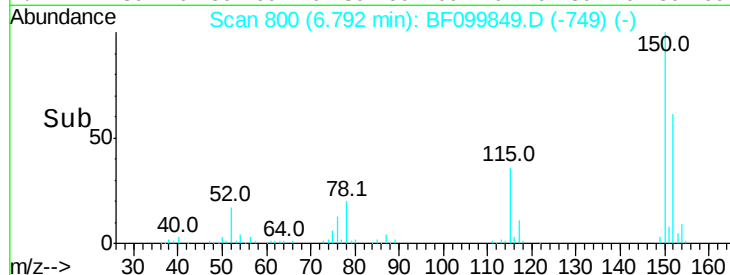
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099849.D
 Acq: 26 Oct 2017 8:53

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

Tot Ion:152 Resp: 69349
 Ion Ratio Lower Upper
 152 100
 150 164.2 124.6 186.8
 115 59.9 50.1 75.1



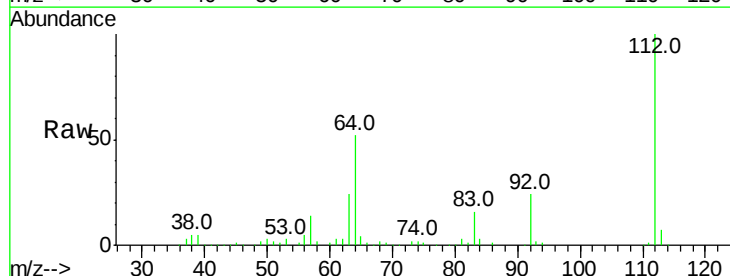
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



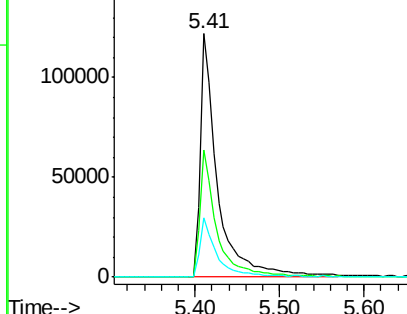
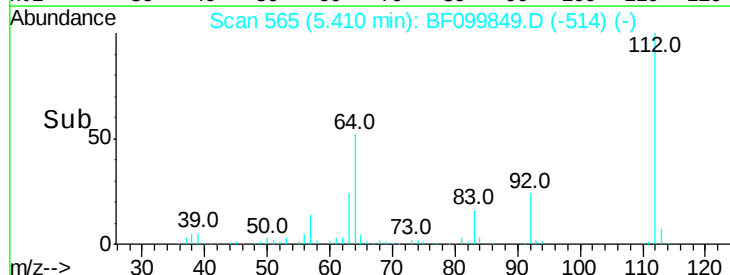
#5

2-Fluorophenol
 Concen: 38.767 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF099849.D
 Acq: 26 Oct 2017 8:53

Tgt Ion:112 Resp: 171242
 Ion Ratio Lower Upper
 112 100
 64 52.0 47.9 71.9
 63 24.2 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: 25.999 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-U-B

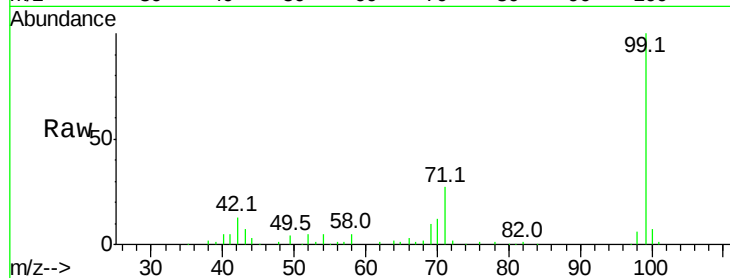
Tot Ion: 99 Resp: 136174

Ion Ratio Lower Upper

99 100

42 13.1 14.5 21.7#

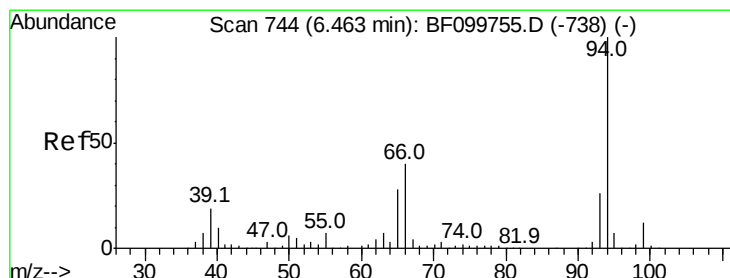
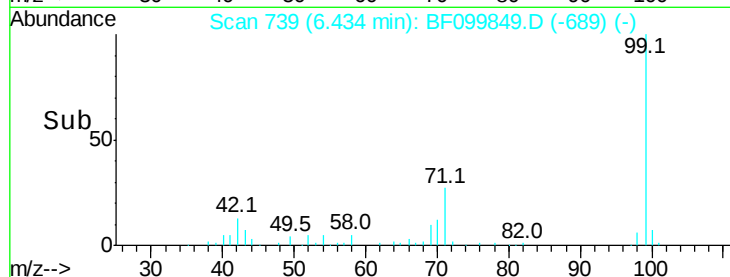
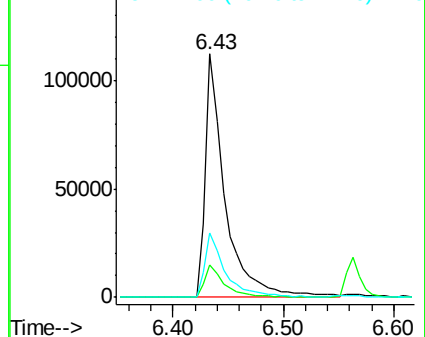
71 26.7 25.4 38.0



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: 2.748 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

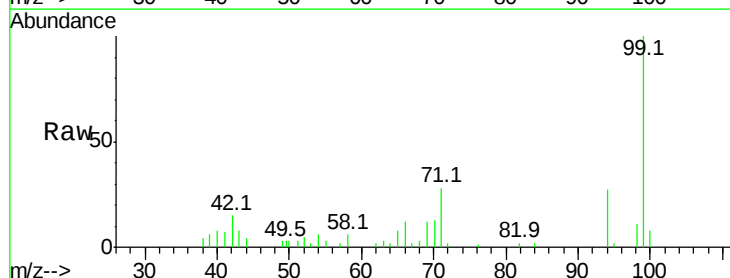
Tgt Ion: 94 Resp: 15802

Ion Ratio Lower Upper

94 100

65 28.7 7.9 47.9

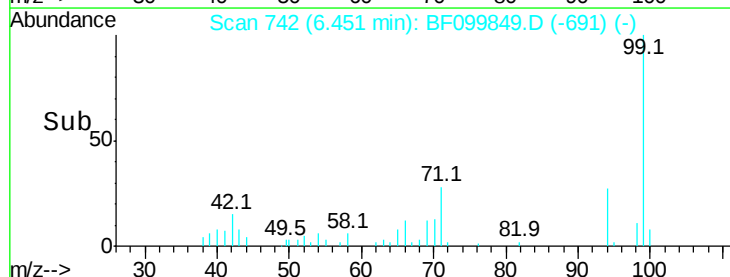
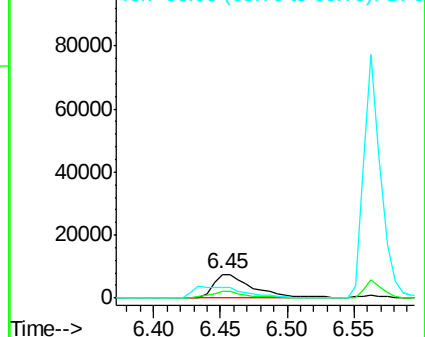
66 45.0 16.2 56.2



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: BF099849.D

Acq: 26 Oct 2017 8:53

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-U-B

Tot Ion:136 Resp: 285870

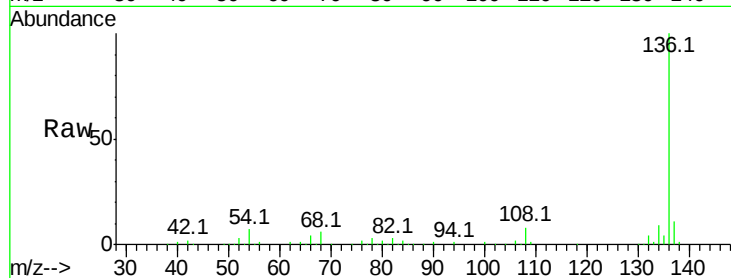
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

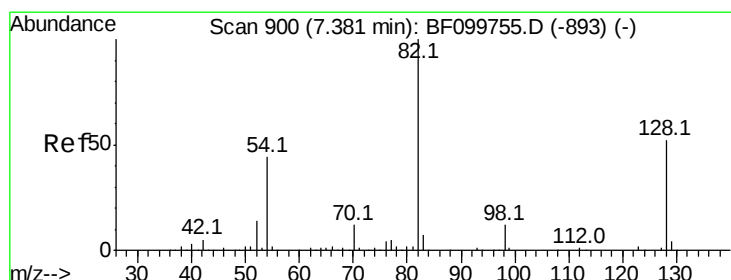
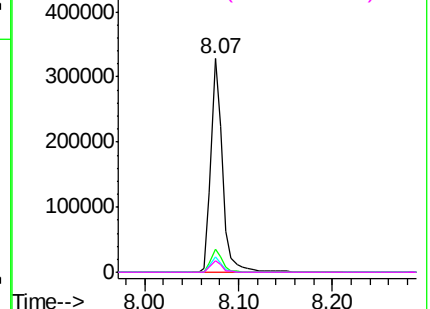
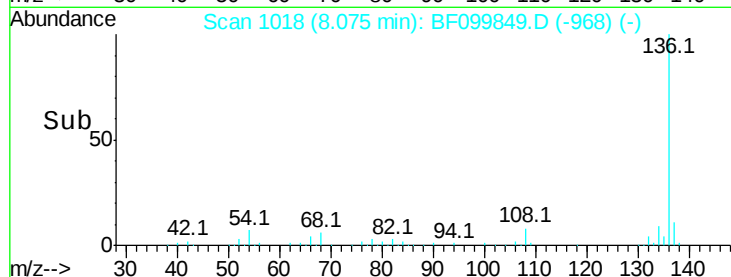


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 83.915 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

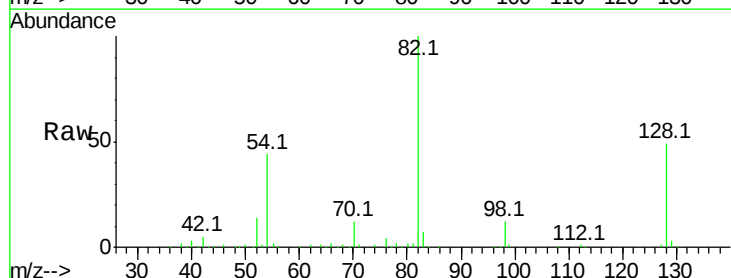
Tgt Ion: 82 Resp: 372610

Ion Ratio Lower Upper

82 100

128 49.5 36.1 54.1

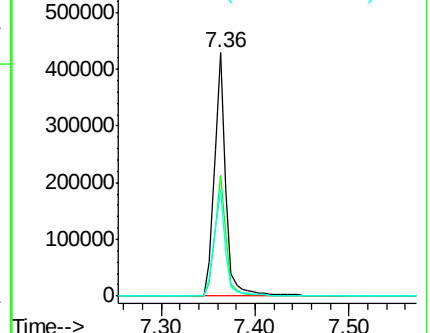
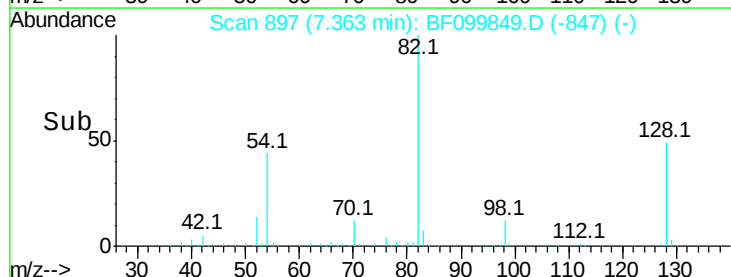
54 43.9 41.4 62.2

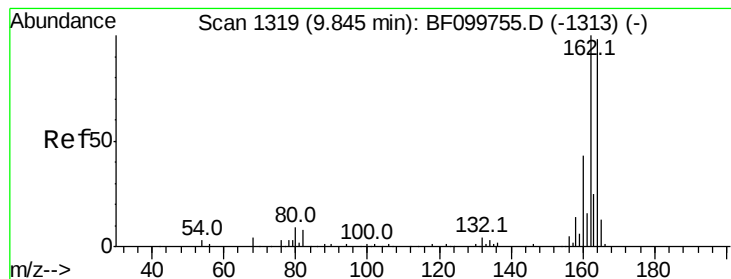


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-U-B

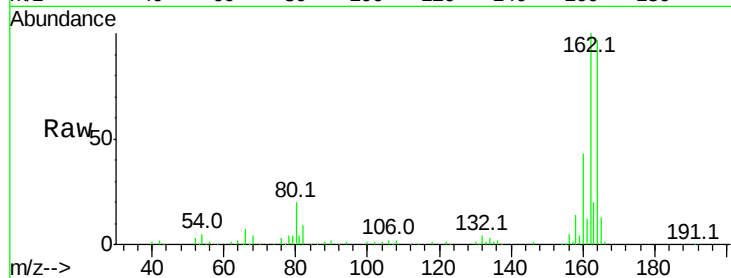
Tot Ion:164 Resp: 128969

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

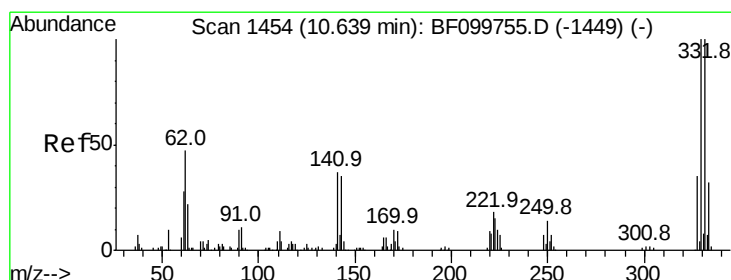
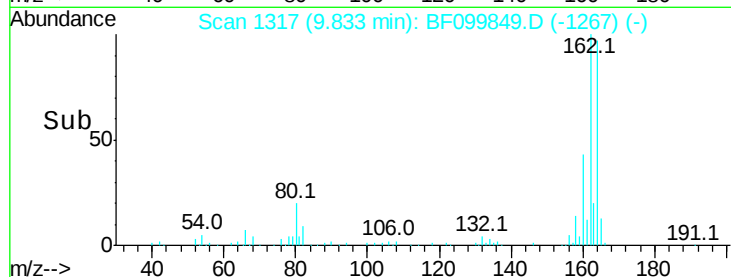
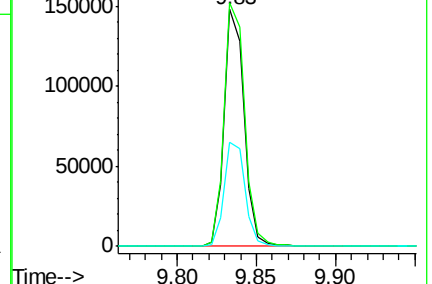
160 43.7 38.3 57.5



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: 82.431 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF099849.D

Acq: 26 Oct 2017 8:53

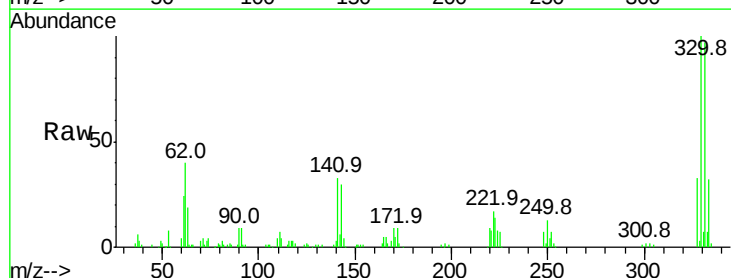
Tgt Ion:330 Resp: 96882

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

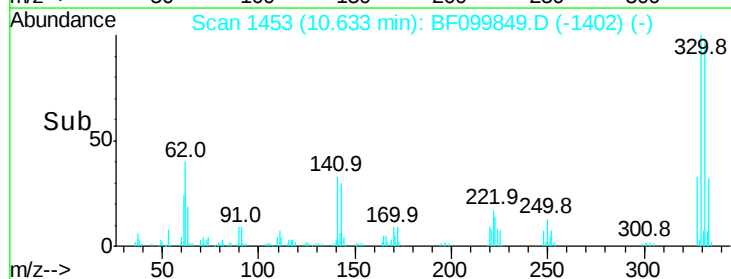
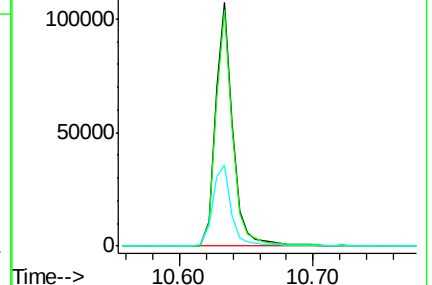
141 35.6 29.9 44.9



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

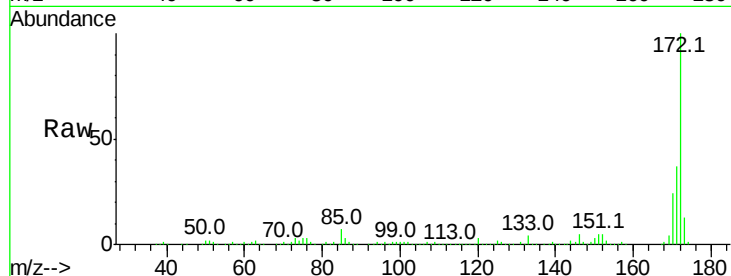




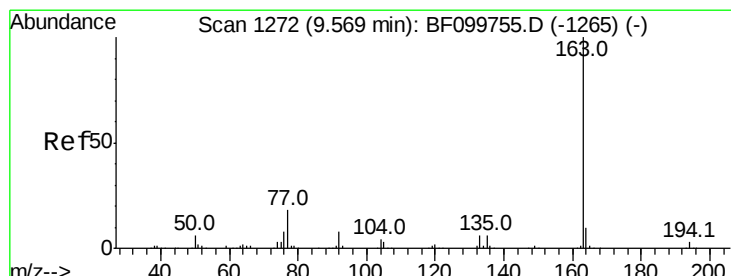
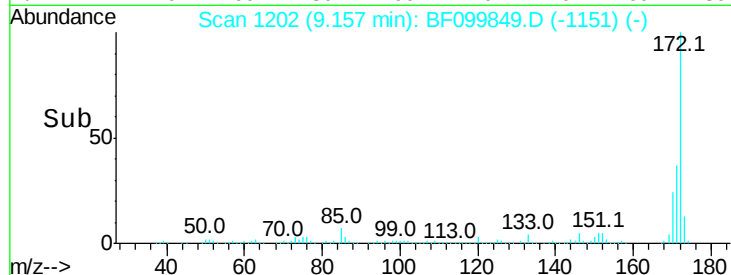
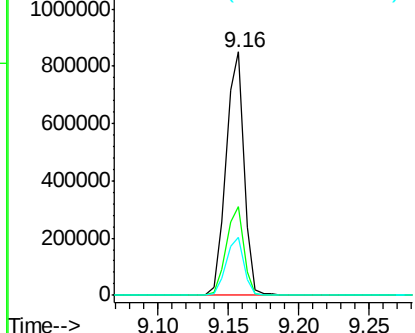
#44
2-Fluorobiphenyl
Concen: 90.141 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099849.D
Acq: 26 Oct 2017 8:53

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

Tot Ion:172 Resp: 753510
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.8 19.6 29.4

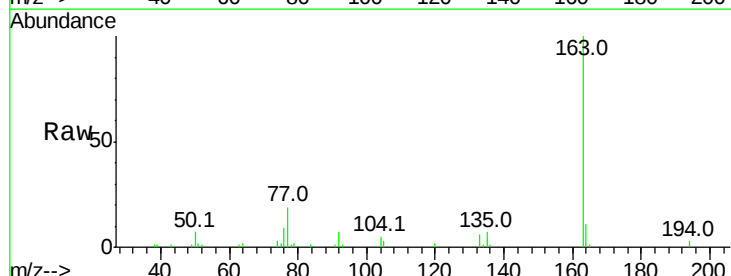


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

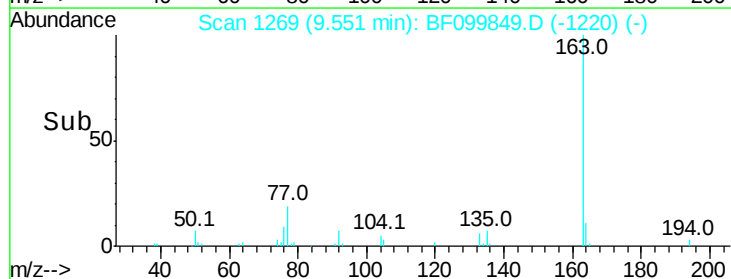
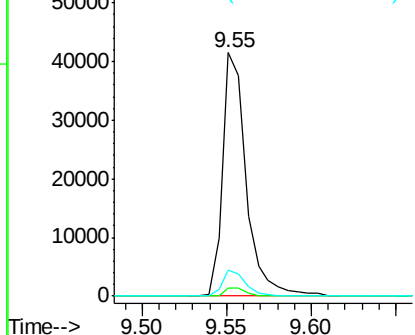


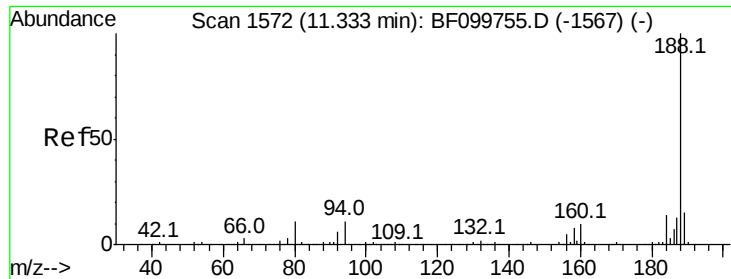
#49
Dimethylphthalate
Concen: 3.962 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099849.D
Acq: 26 Oct 2017 8:53

Tgt Ion:163 Resp: 40462
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.7 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

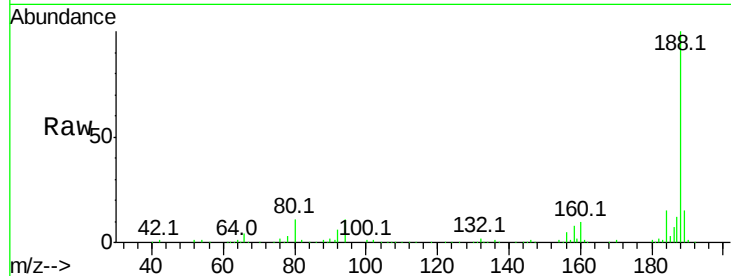




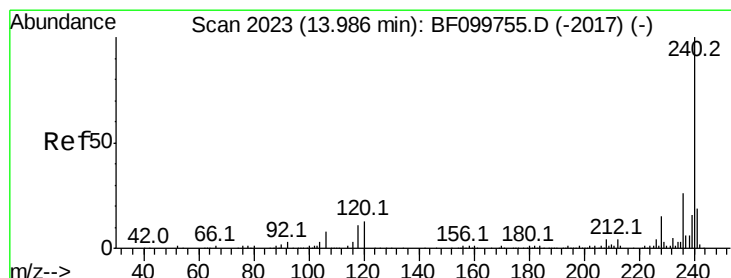
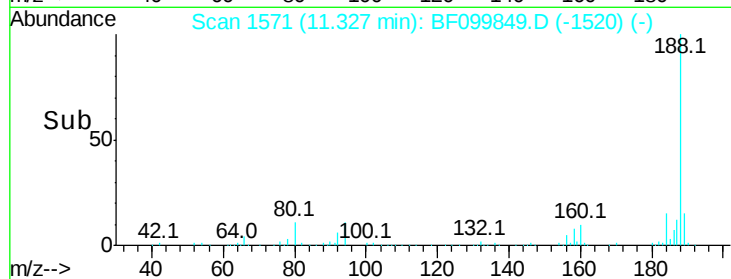
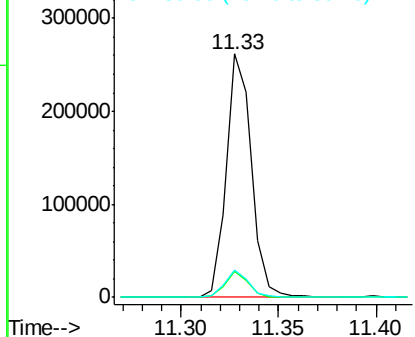
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF099849.D
Acq: 26 Oct 2017 8:53

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.5	9.2	13.8

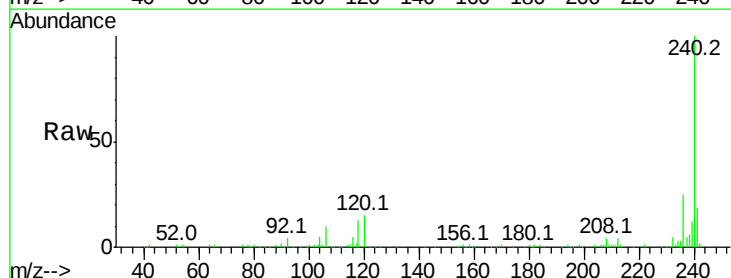


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

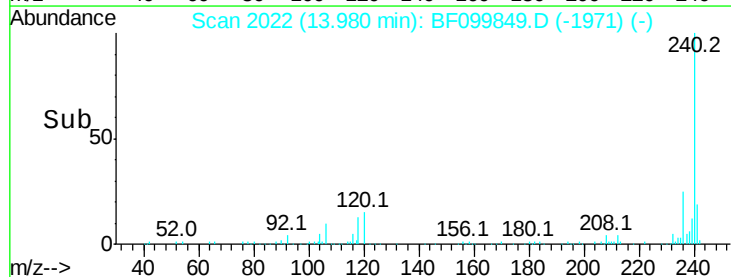
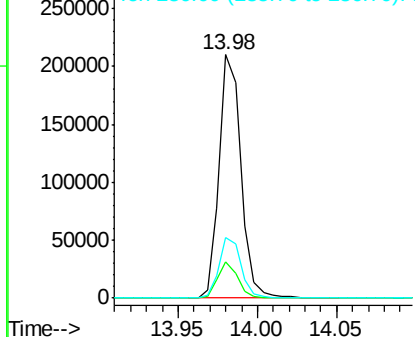


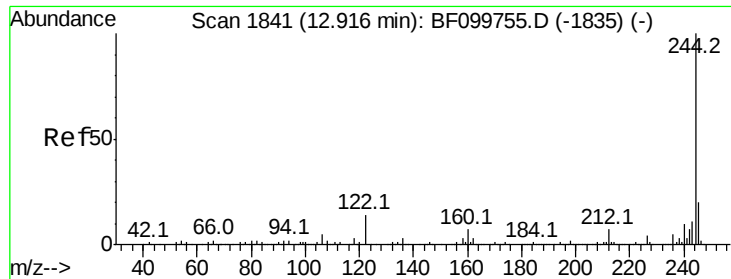
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF099849.D
Acq: 26 Oct 2017 8:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	24.7	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

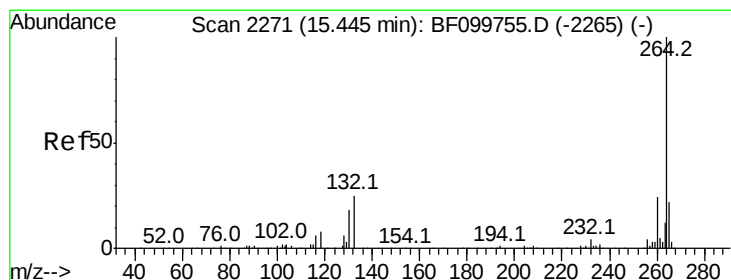
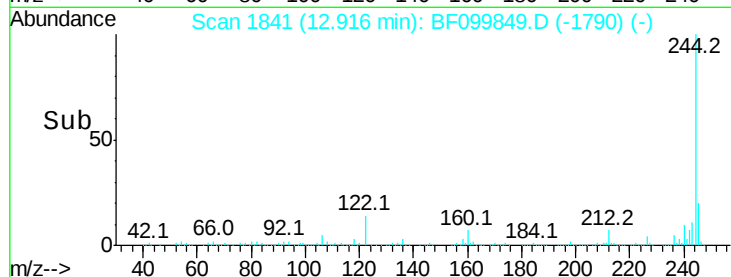
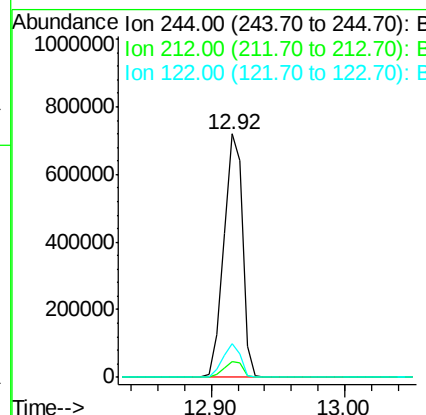
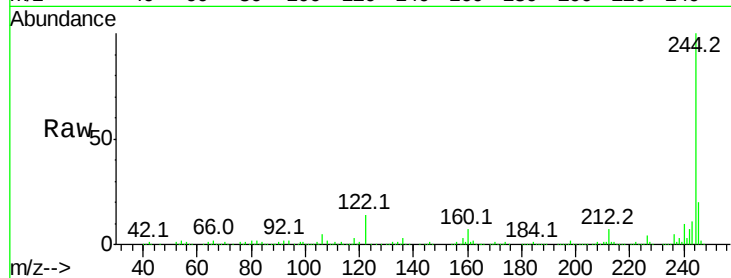




#78
 Terphenyl-d14
 Concen: 78.057 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099849.D
 Acq: 26 Oct 2017 8:53

Instrument :
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 101917-SIDI-F-U-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.1	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: BF099849.D
 Acq: 26 Oct 2017 8:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.6	17.5	26.3

