

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099847.D
 Acq On : 26 Oct 2017 7:58
 Operator : SJ/JU
 Sample : I6057-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Oct 26 11:20:58 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	66079	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	274773	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	125224	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	224055	20.00	ng	0.00
75) Chrysene-d12	13.98	240	188133	20.00	ng	0.00
86) Perylene-d12	15.45	264	164357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	195041	46.34	ng	0.00
7) Phenol-d6	6.43	99	167459	33.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	375523	87.99	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	98132	85.99	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	760730	93.73	ng	0.00
78) Terphenyl-d14	12.92	244	713540	82.89	ng	0.00

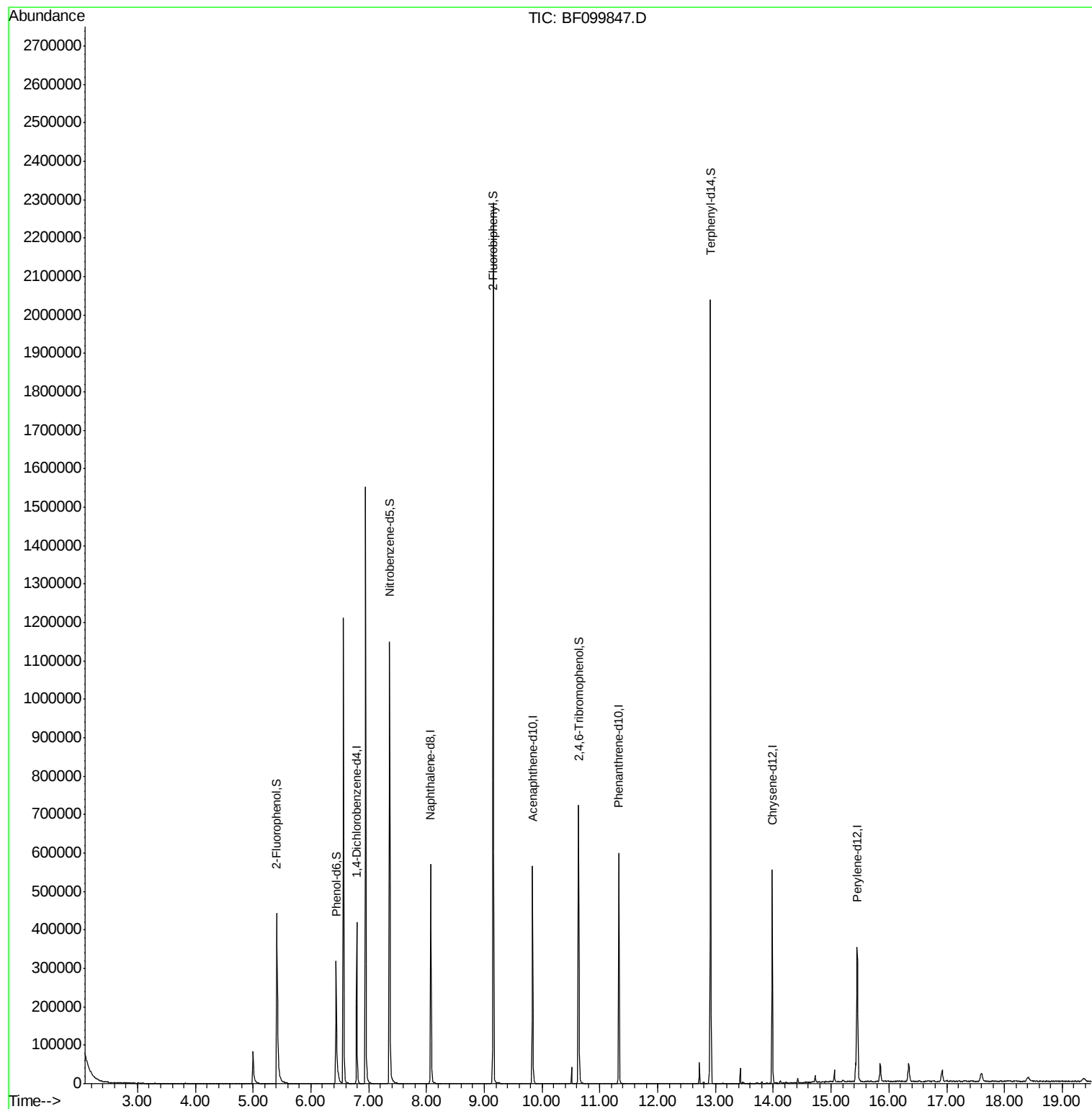
Target Compounds Qvalue

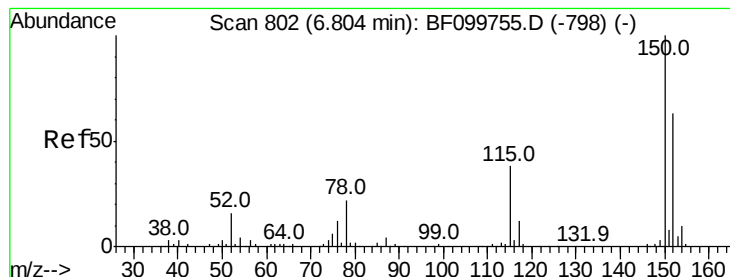
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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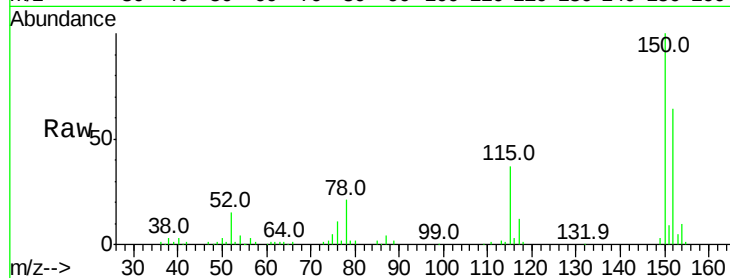


#1

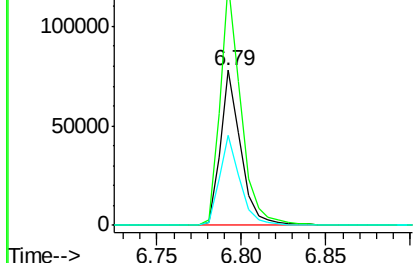
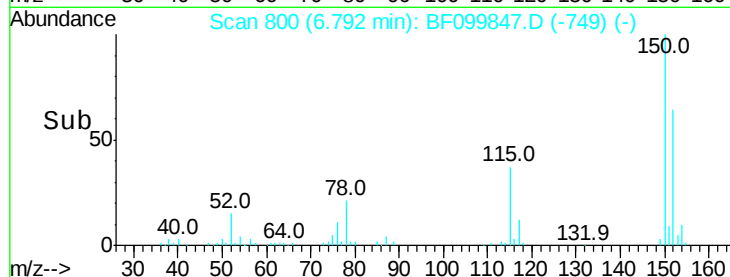
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

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

Tot Ion:152 Resp: 66079
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 57.8 50.1 75.1



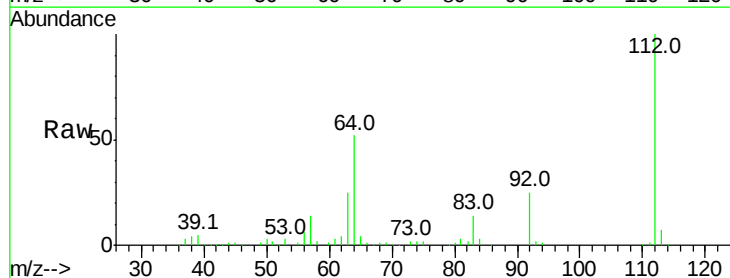
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



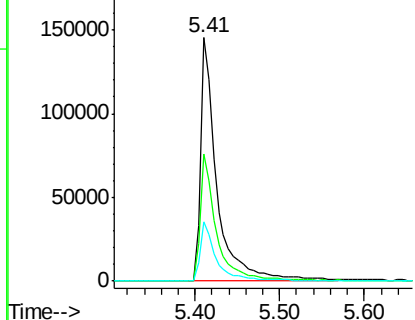
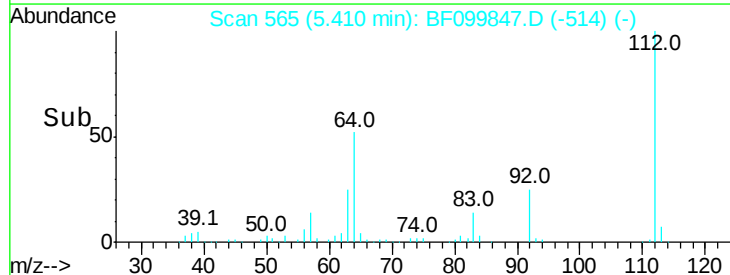
#5

2-Fluorophenol
 Concen: 46.340 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

Tgt Ion:112 Resp: 195041
 Ion Ratio Lower Upper
 112 100
 64 52.3 47.9 71.9
 63 24.6 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: 33.555 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099847.D

Acq: 26 Oct 2017 7:58

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-D-M

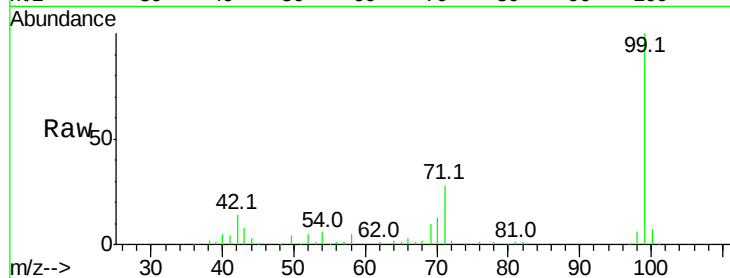
Tot Ion: 99 Resp: 167459

Ion Ratio Lower Upper

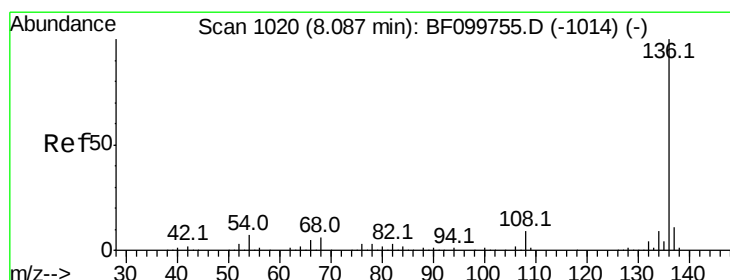
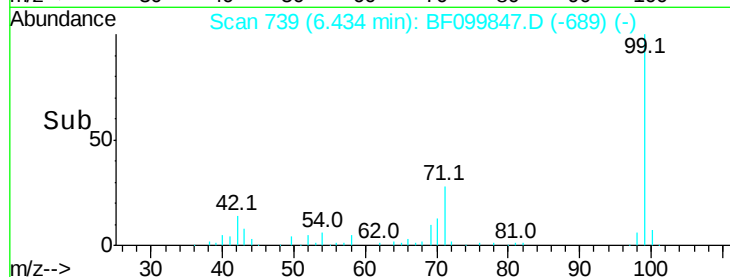
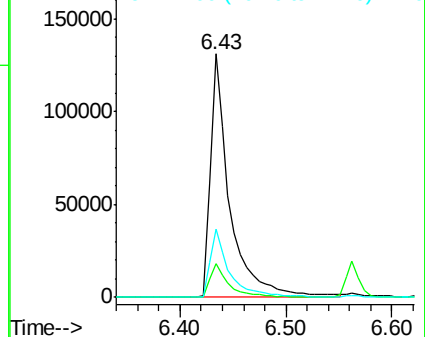
99 100

42 13.6 14.5 21.7#

71 27.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099847.D

Acq: 26 Oct 2017 7:58

Tgt Ion: 136 Resp: 274773

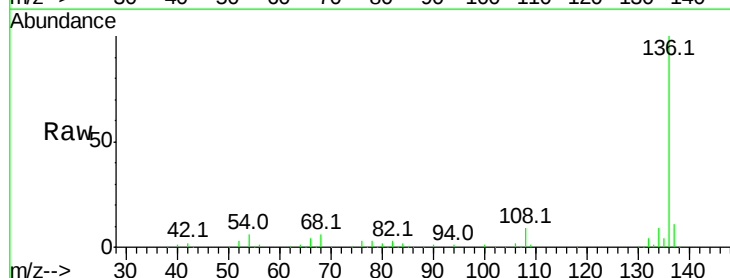
Ion Ratio Lower Upper

136 100

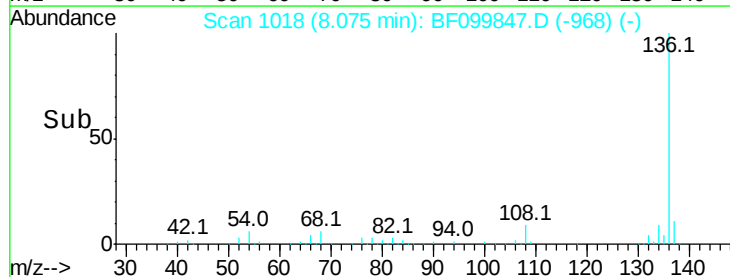
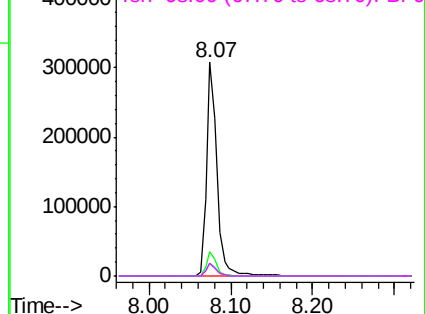
137 11.3 8.9 13.3

54 6.3 6.6 9.8#

68 5.9 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

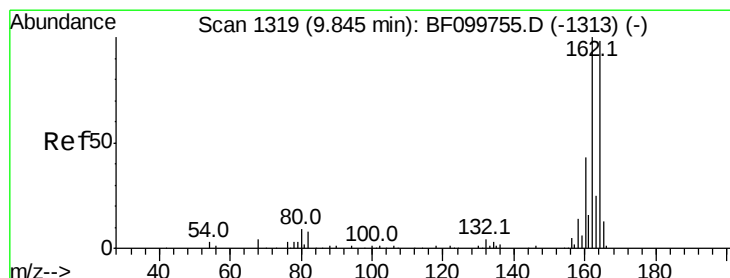
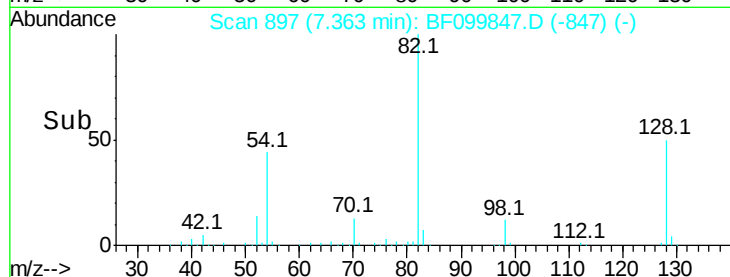
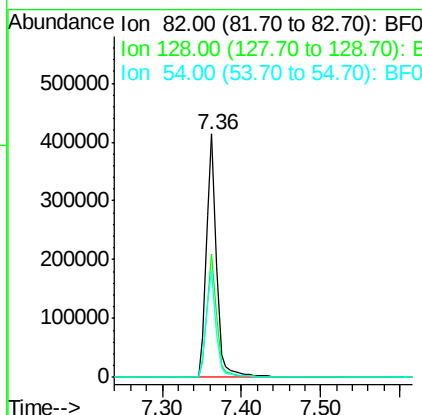
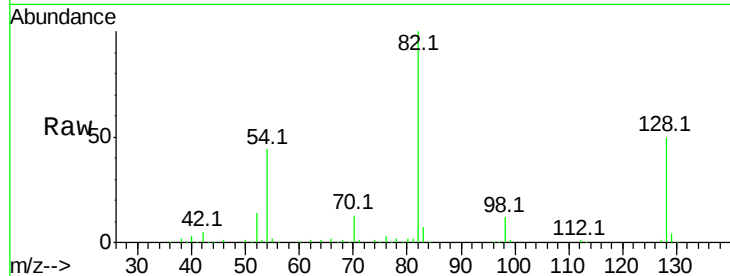




#23
 Nitrobenzene-d5
 Concen: 87.987 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

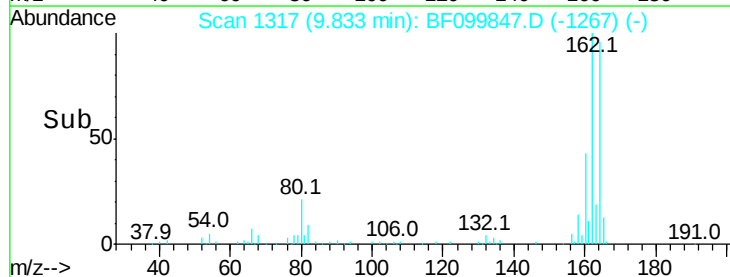
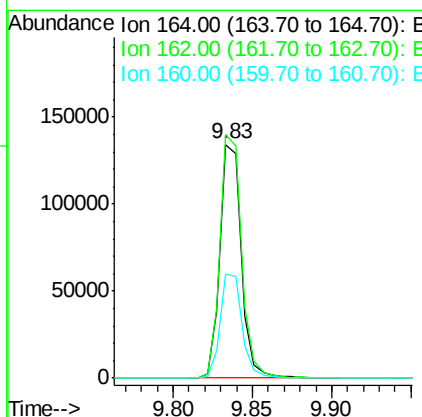
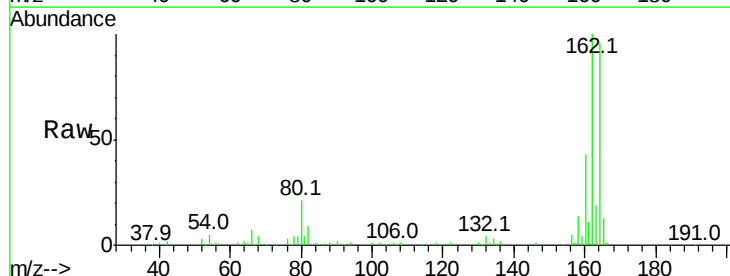
Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-D-M

Tot Ion: 82 Resp: 375523
 Ion Ratio Lower Upper
 82 100
 128 50.4 36.1 54.1
 54 43.6 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: BF099847.D
 Acq: 26 Oct 2017 7:58

Tgt Ion:164 Resp: 125224
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 44.5 38.3 57.5

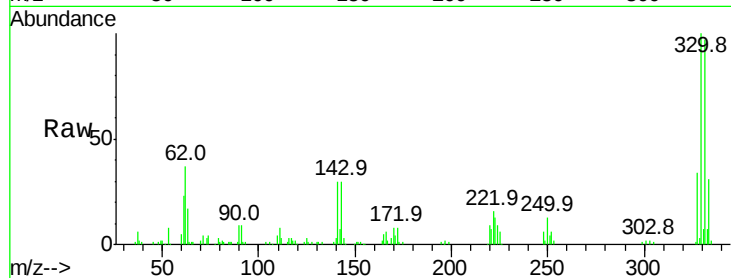




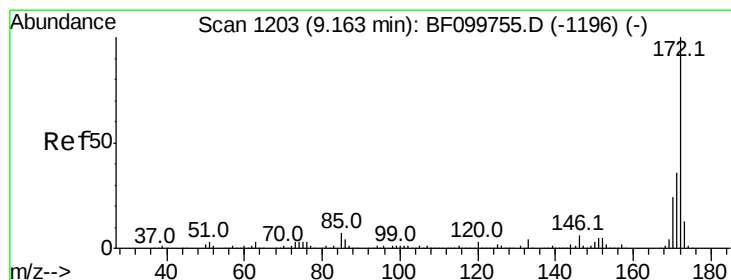
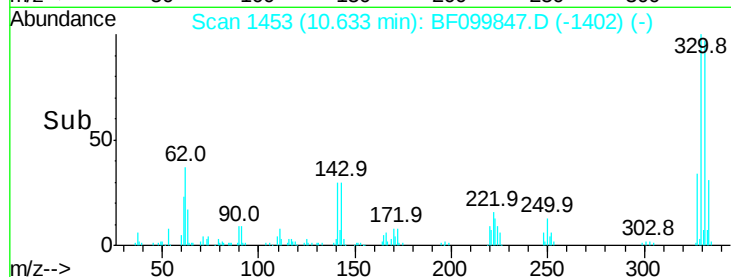
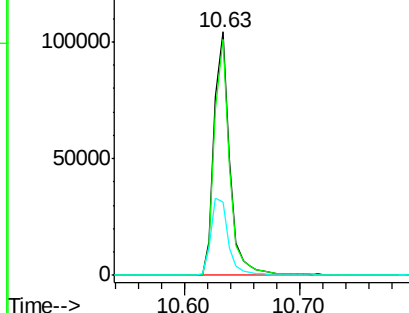
#41
 2,4,6-Tribromophenol
 Concen: 85.991 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

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

Tot Ion:330 Resp: 98132
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 35.2 29.9 44.9

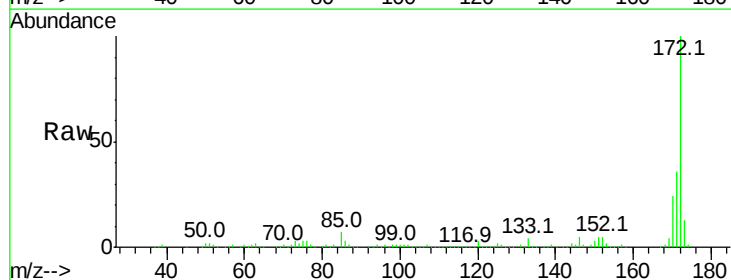


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

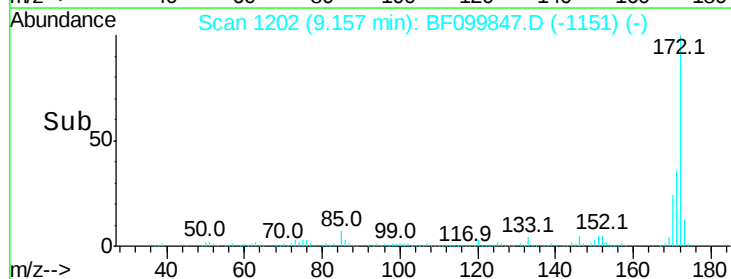
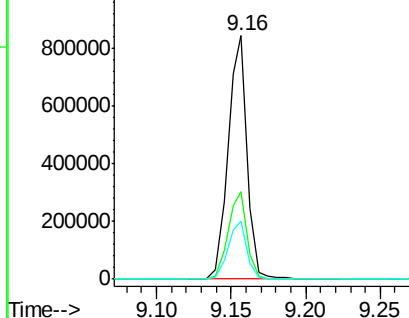


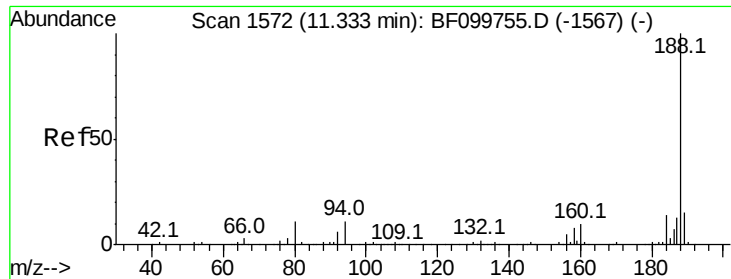
#44
 2-Fluorobiphenyl
 Concen: 93.727 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

Tgt Ion:172 Resp: 760730
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

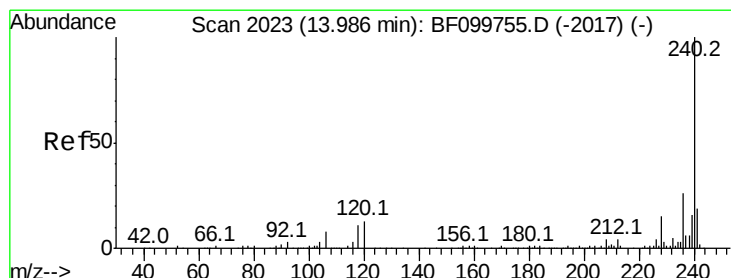
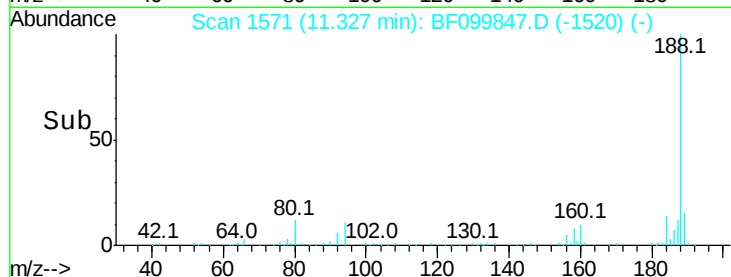
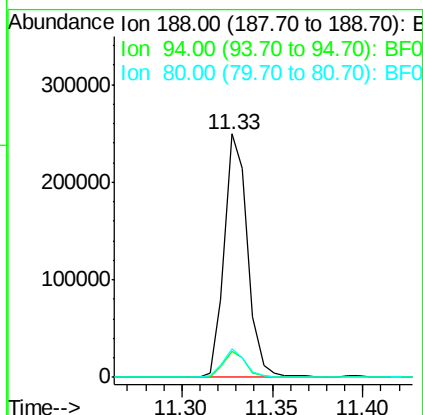
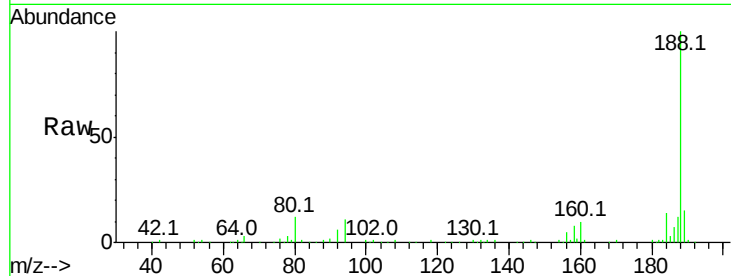




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF099847.D
Acq: 26 Oct 2017 7:58

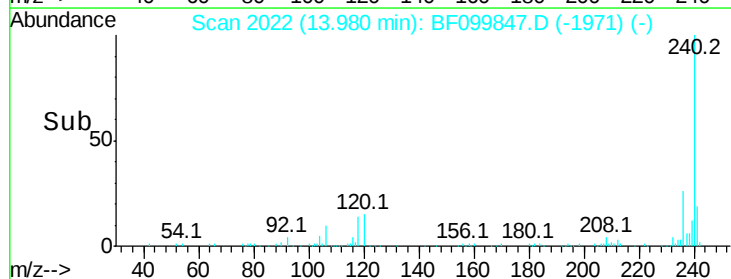
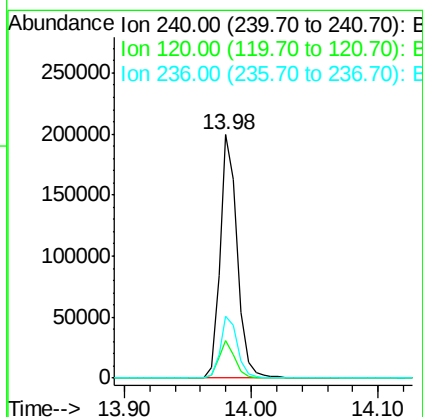
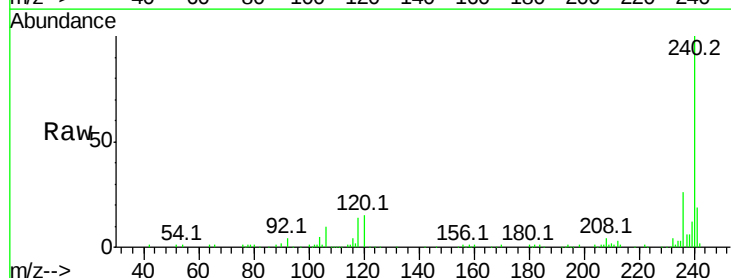
Instrument :
BNA_F
ClientSampleId :
101917-SIDI-F-D-M

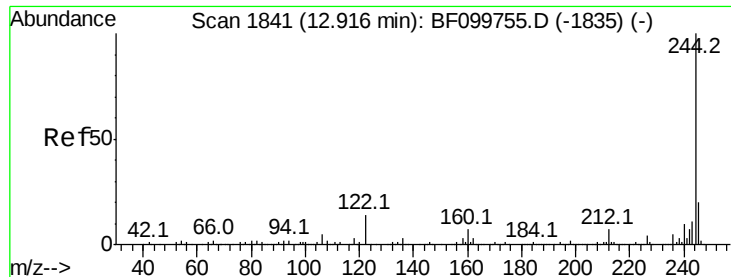
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.5	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF099847.D
Acq: 26 Oct 2017 7:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	25.5	20.7	31.1





#78

Terphenyl-d14

Concen: 82.886 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099847.D

Acq: 26 Oct 2017 7:58

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-D-M

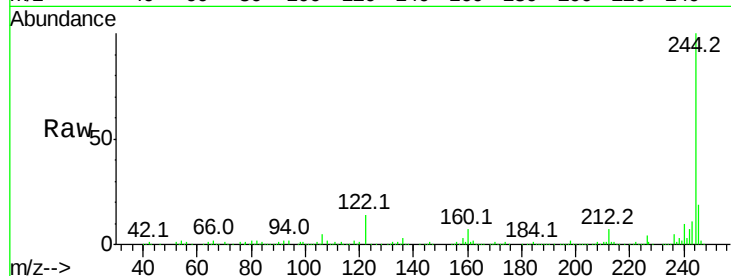
Tot Ion:244 Resp: 713540

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

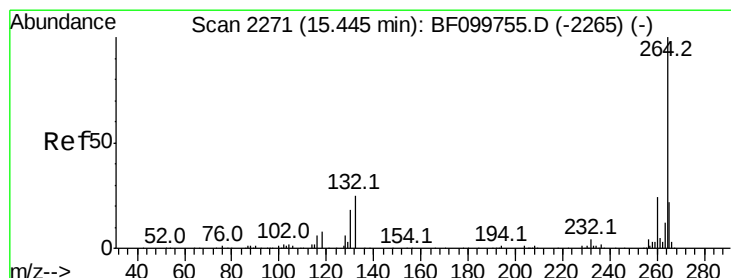
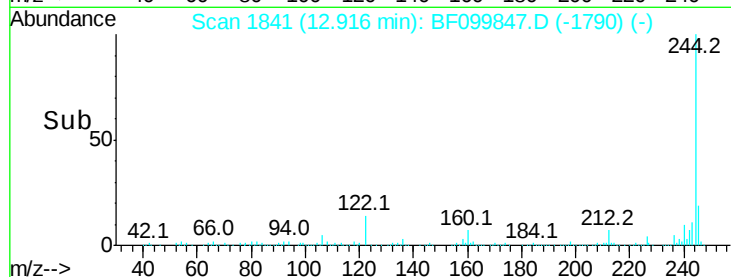
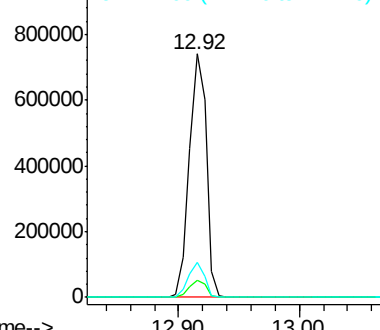
122 14.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF099847.D

Acq: 26 Oct 2017 7:58

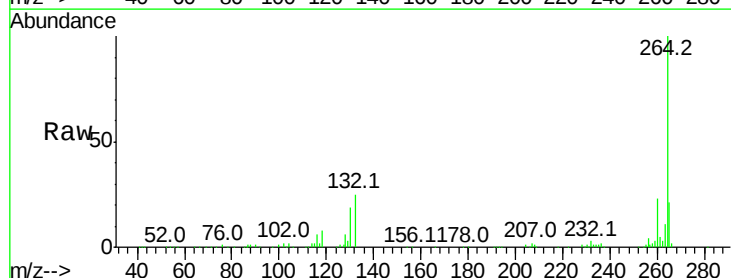
Tgt Ion:264 Resp: 164357

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.1 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

