

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099851.D
 Acq On : 26 Oct 2017 9:49
 Operator : SJ/JU
 Sample : I6057-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Oct 26 11:27:04 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	73156	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	299575	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	136750	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	245336	20.00	ng	0.00
75) Chrysene-d12	13.98	240	218325	20.00	ng	0.00
86) Perylene-d12	15.45	264	191907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	179533	38.53	ng	0.00
7) Phenol-d6	6.43	99	128914	23.33	ng	0.00
23) Nitrobenzene-d5	7.36	82	399715	85.90	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	102706	82.41	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	799110	90.16	ng	0.00
78) Terphenyl-d14	12.92	244	771873	77.26	ng	0.00

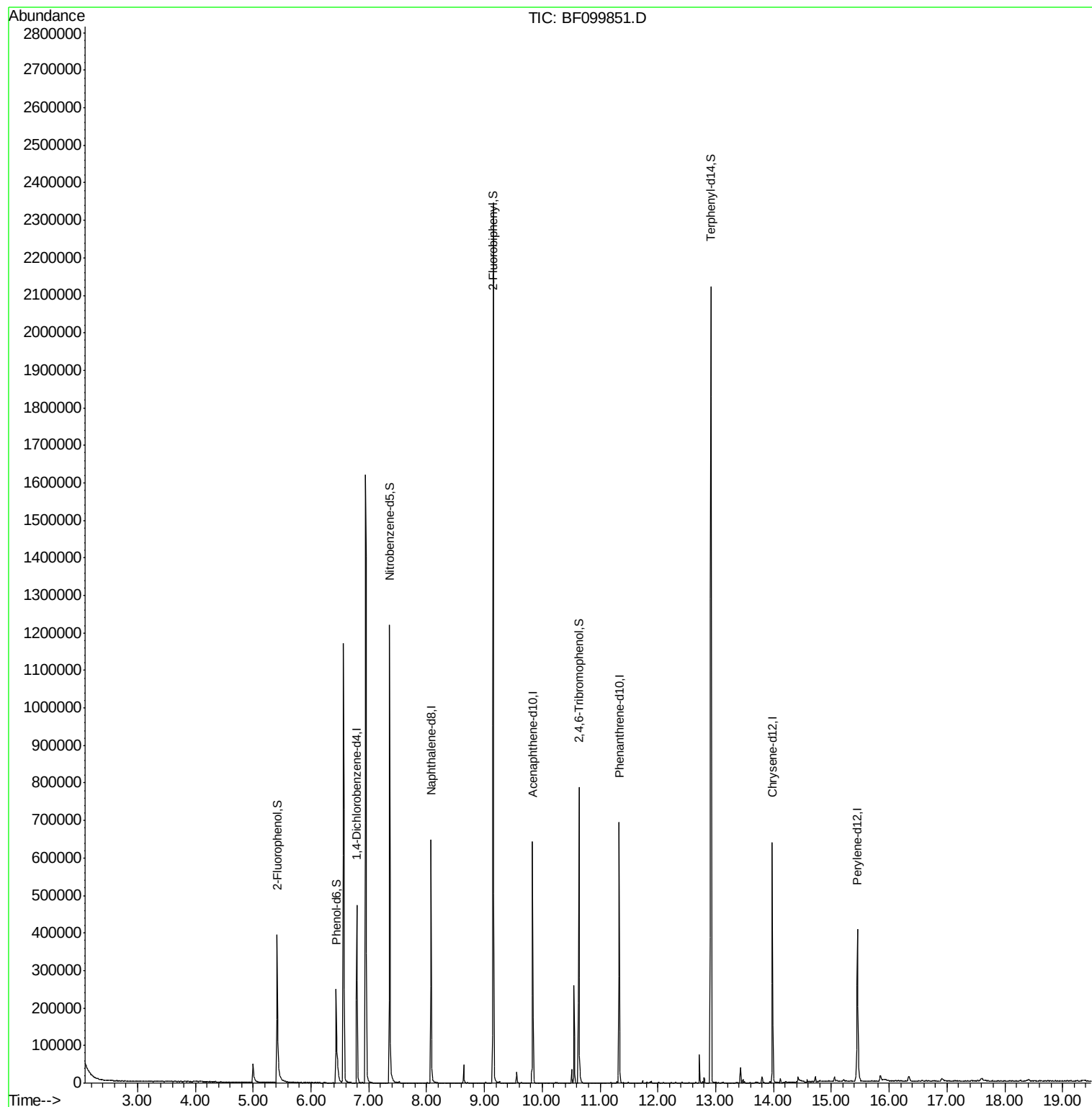
Target Compounds Qvalue

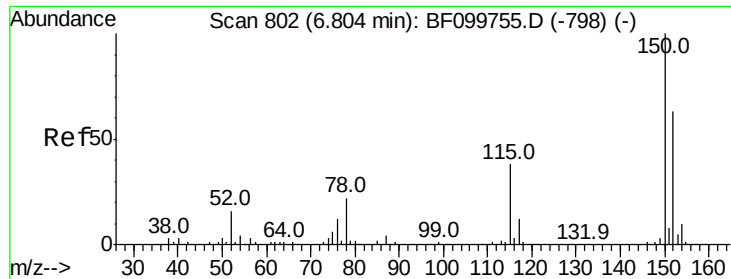
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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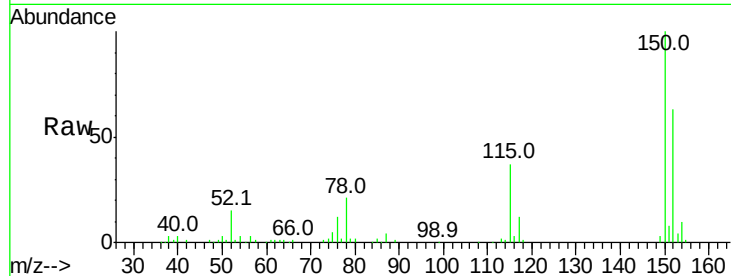


#1

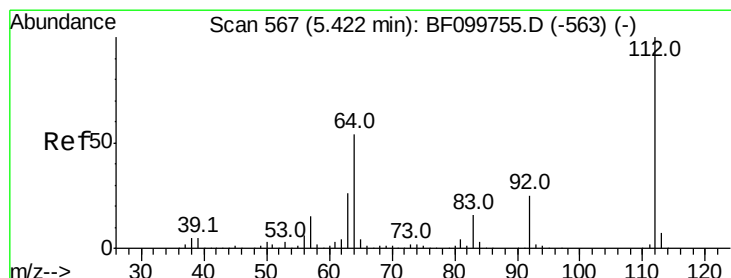
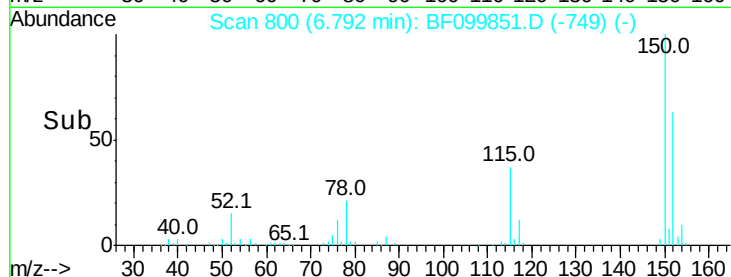
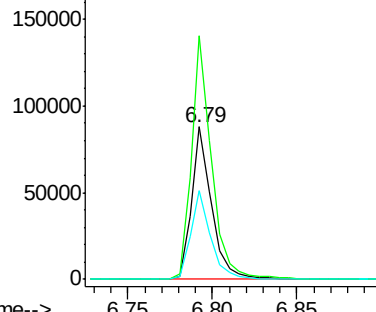
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

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

Tot Ion:152 Resp: 73156
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 58.4 50.1 75.1



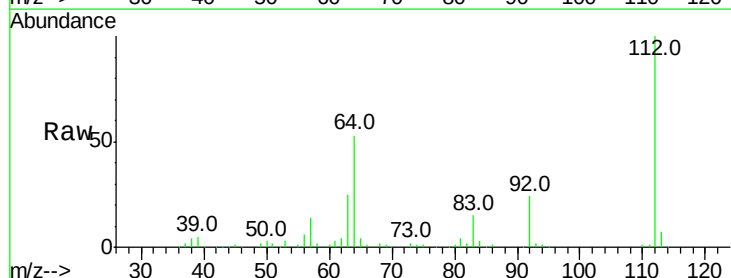
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



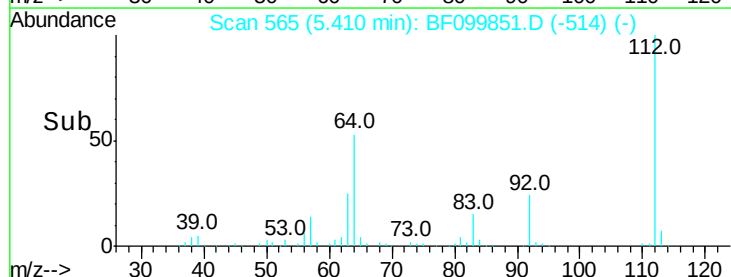
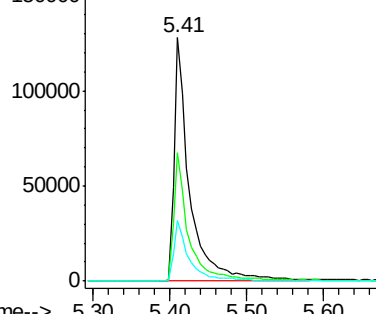
#5

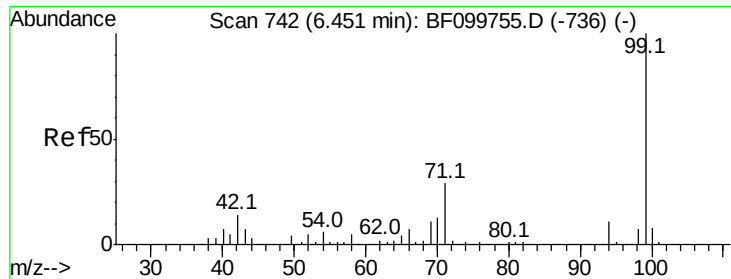
2-Fluorophenol
Concen: 38.529 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

Tgt Ion:112 Resp: 179533
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 24.9 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: 23.332 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099851.D

Acq: 26 Oct 2017 9:49

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-U-S

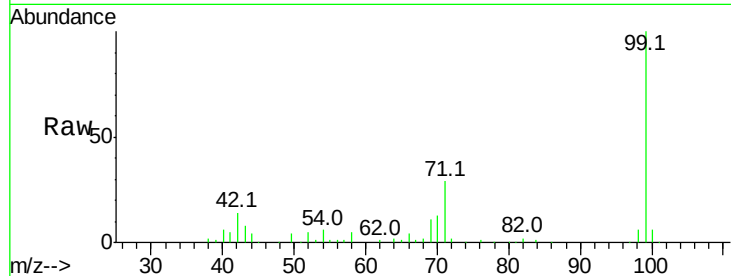
Tot Ion: 99 Resp: 128914

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

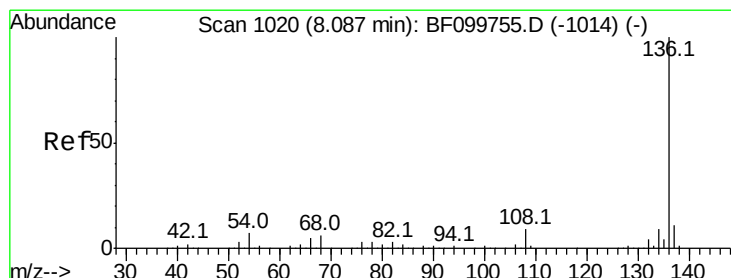
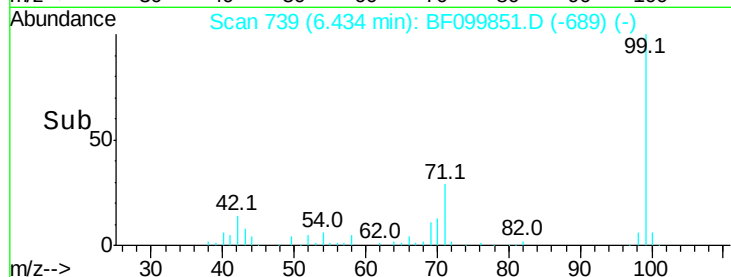
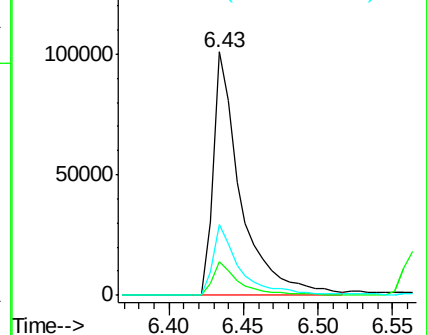
71 29.0 25.4 38.0



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: BF099851.D

Acq: 26 Oct 2017 9:49

Tgt Ion: 136 Resp: 299575

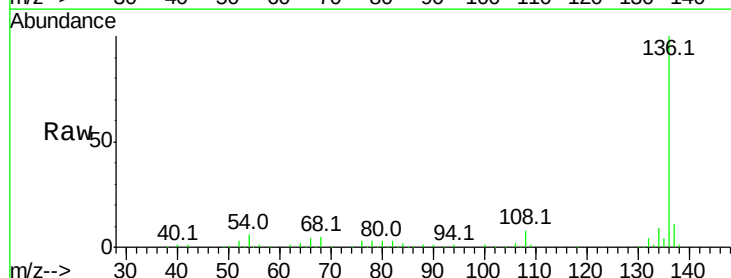
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4

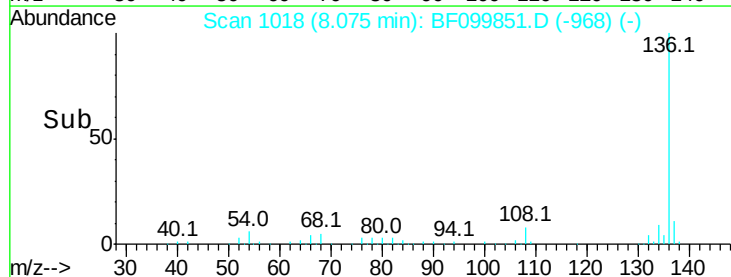
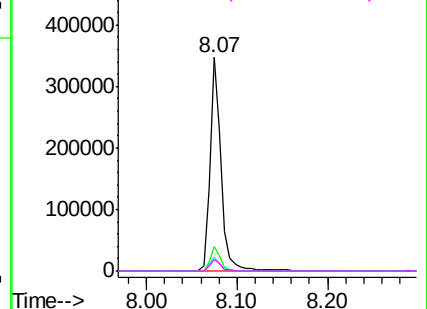


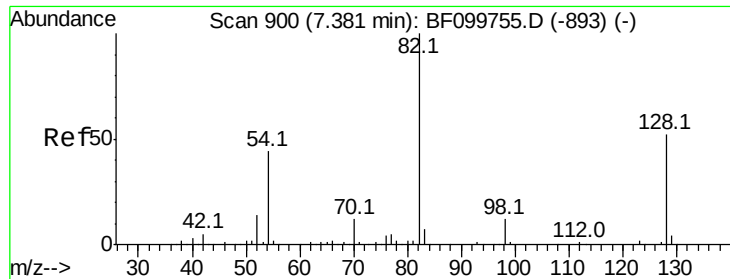
Abundance Ion 136.00 (135.70 to 136.70): E

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

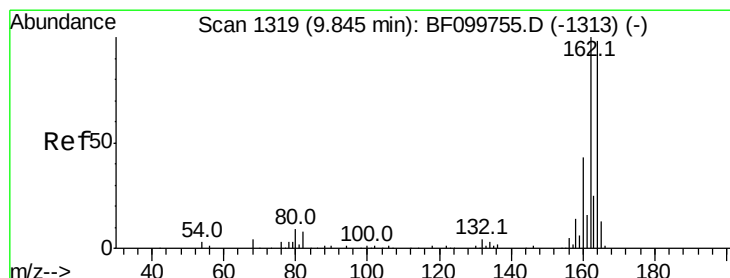
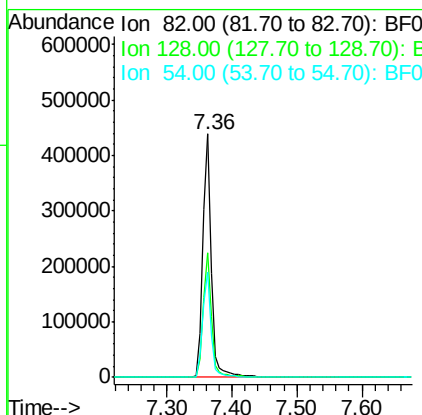
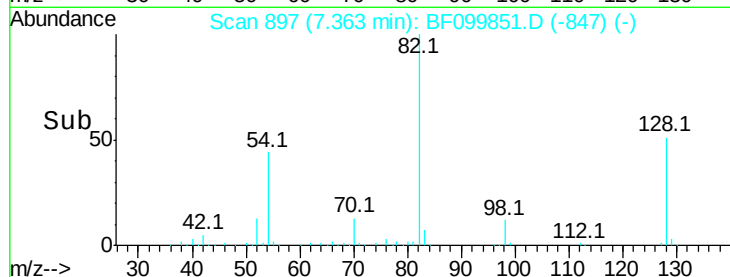
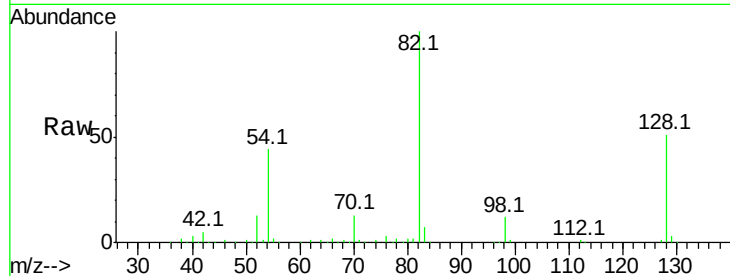




#23
 Nitrobenzene-d5
 Concen: 85.901 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099851.D
 Acq: 26 Oct 2017 9:49

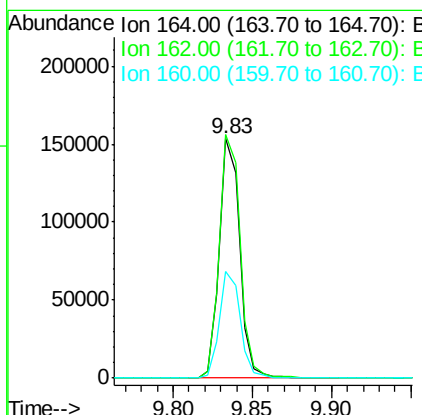
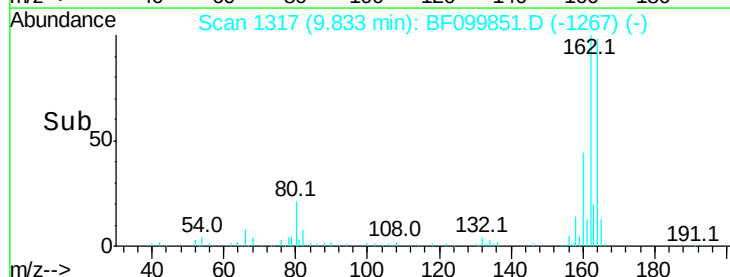
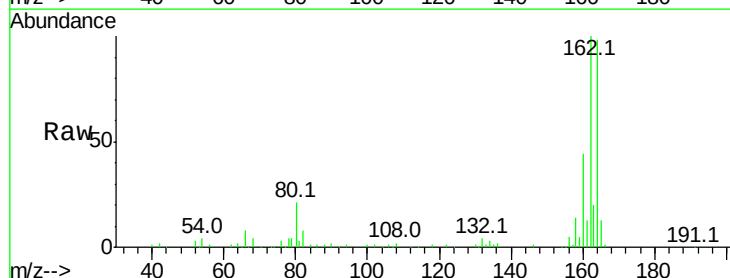
Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-U-S

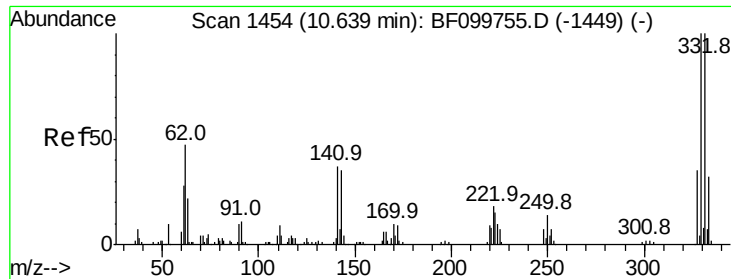
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	43.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF099851.D
 Acq: 26 Oct 2017 9:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	44.8	38.3	57.5

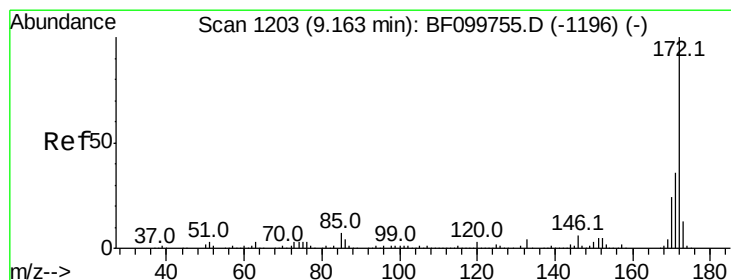
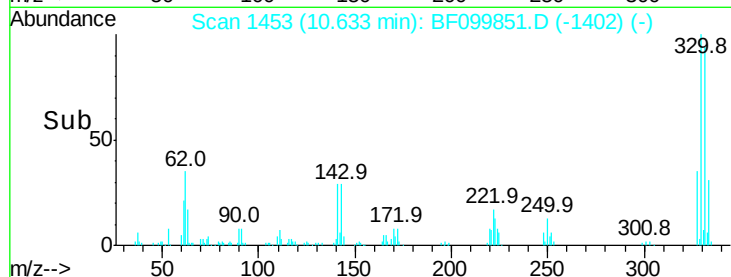
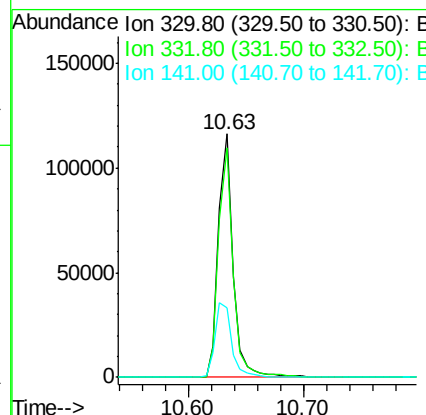
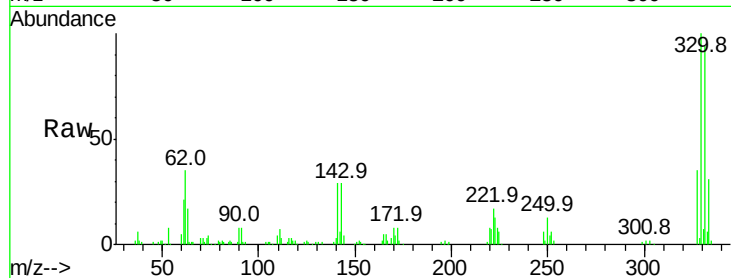




#41
 2,4,6-Tribromophenol
 Concen: 82.414 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF099851.D
 Acq: 26 Oct 2017 9:49

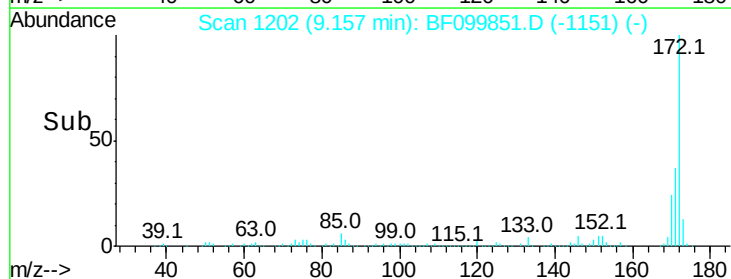
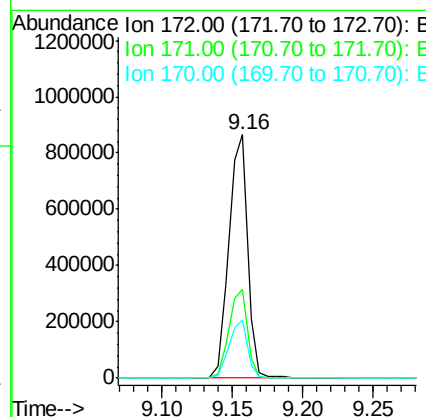
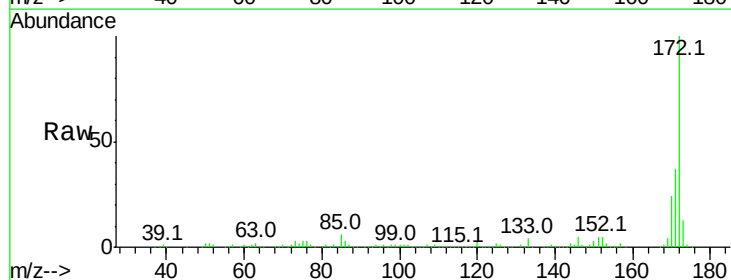
Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-U-S

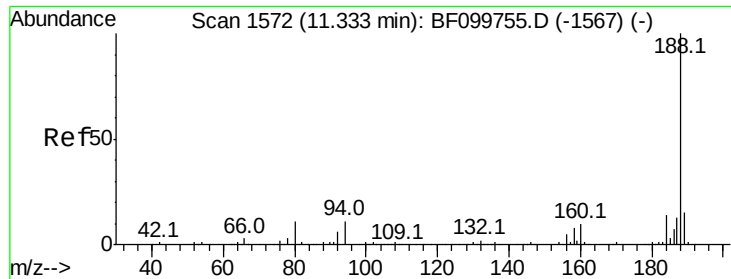
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 90.157 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099851.D
 Acq: 26 Oct 2017 9:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	19.6	29.4

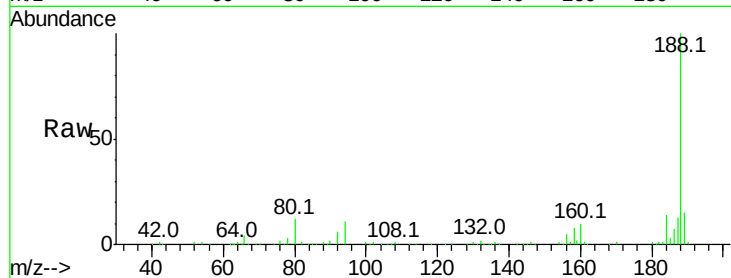




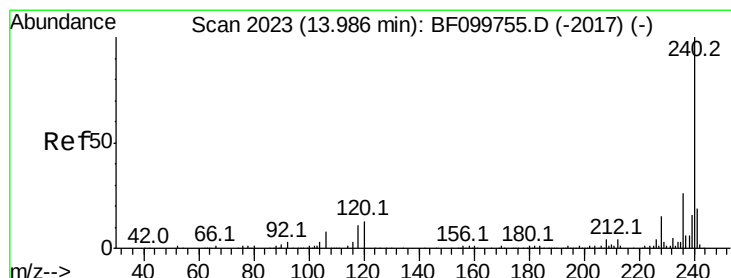
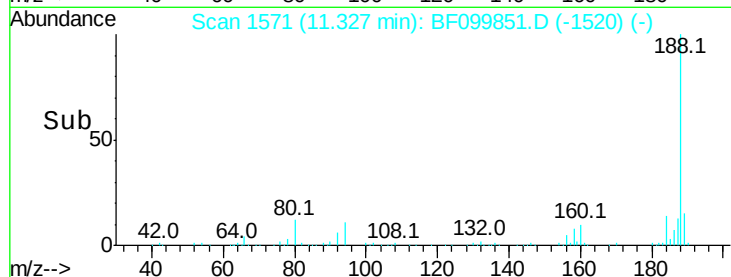
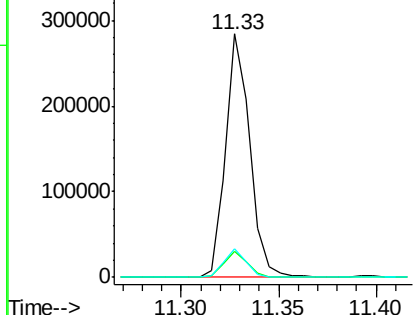
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.7	9.2	13.8

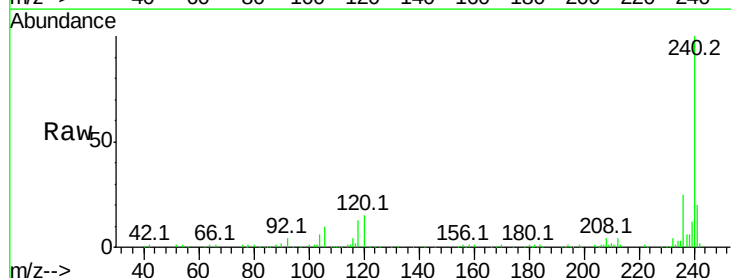


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

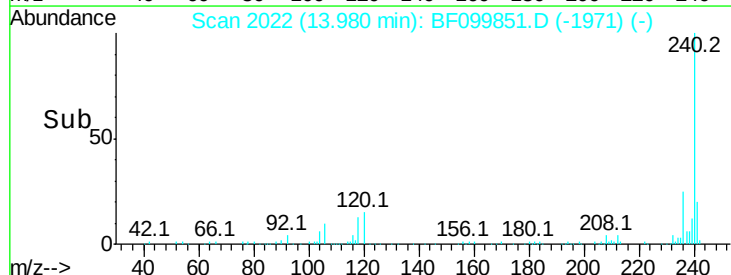
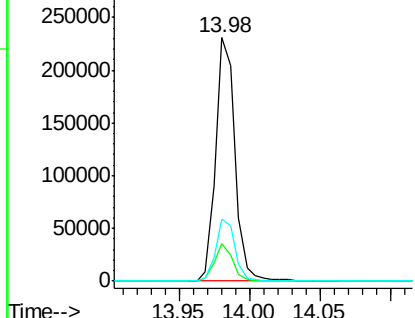


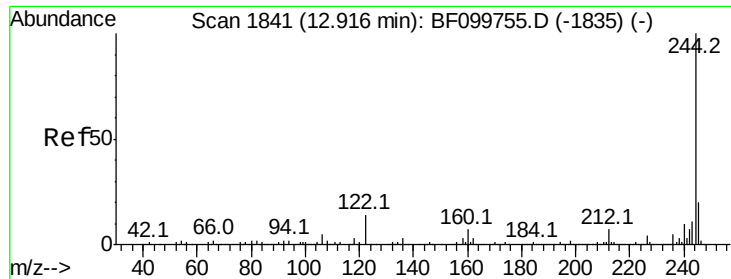
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	25.4	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: 77.262 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF099851.D

Acq: 26 Oct 2017 9:49

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-U-S

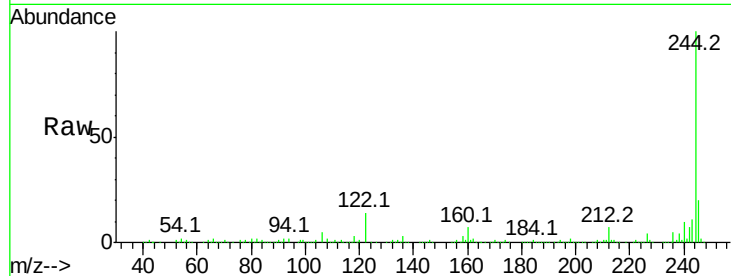
Tot Ion:244 Resp: 771873

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

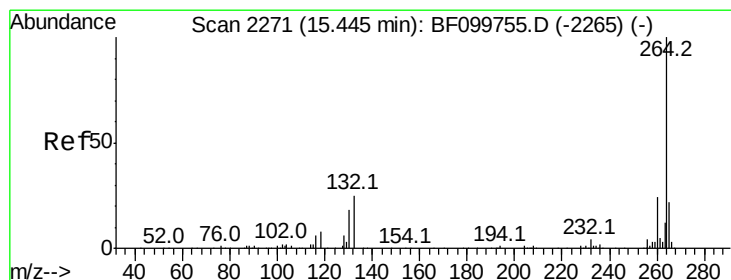
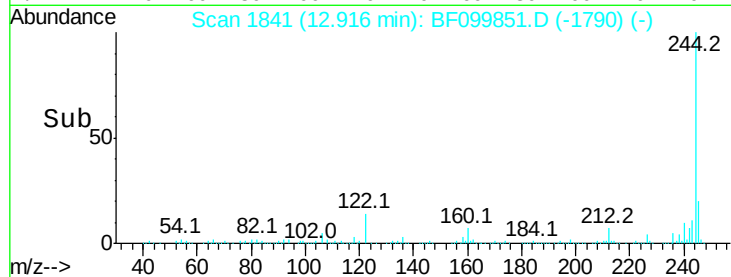
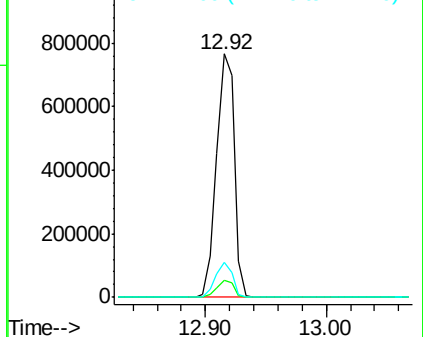
122 14.3 11.0 16.4



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: BF099851.D

Acq: 26 Oct 2017 9:49

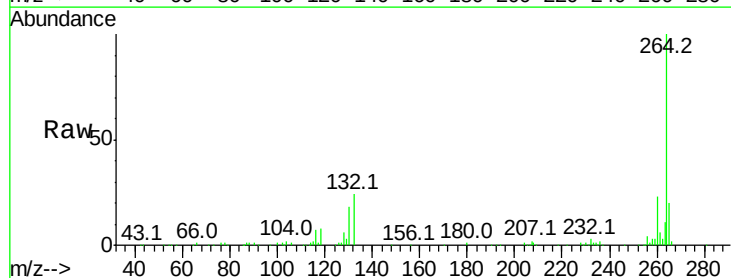
Tgt Ion:264 Resp: 191907

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.4 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

