

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098771.D
 Acq On : 24 Sep 2017 7:23
 Operator : SJ/JU
 Sample : I5297-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091517-SIDI-E-D-S

Quant Time: Sep 25 09:39:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	128801	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	441561	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	153703	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	254140	20.00	ng	0.00
75) Chrysene-d12	14.09	240	255638	20.00	ng	0.00
86) Perylene-d12	15.57	264	193313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	376064	46.48	ng	0.00
7) Phenol-d6	6.53	99	281678	28.22	ng	-0.01
23) Nitrobenzene-d5	7.49	82	718653	104.37	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	113477	90.23	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1107100	120.25	ng	0.00
78) Terphenyl-d14	13.03	244	842332	74.94	ng	0.00

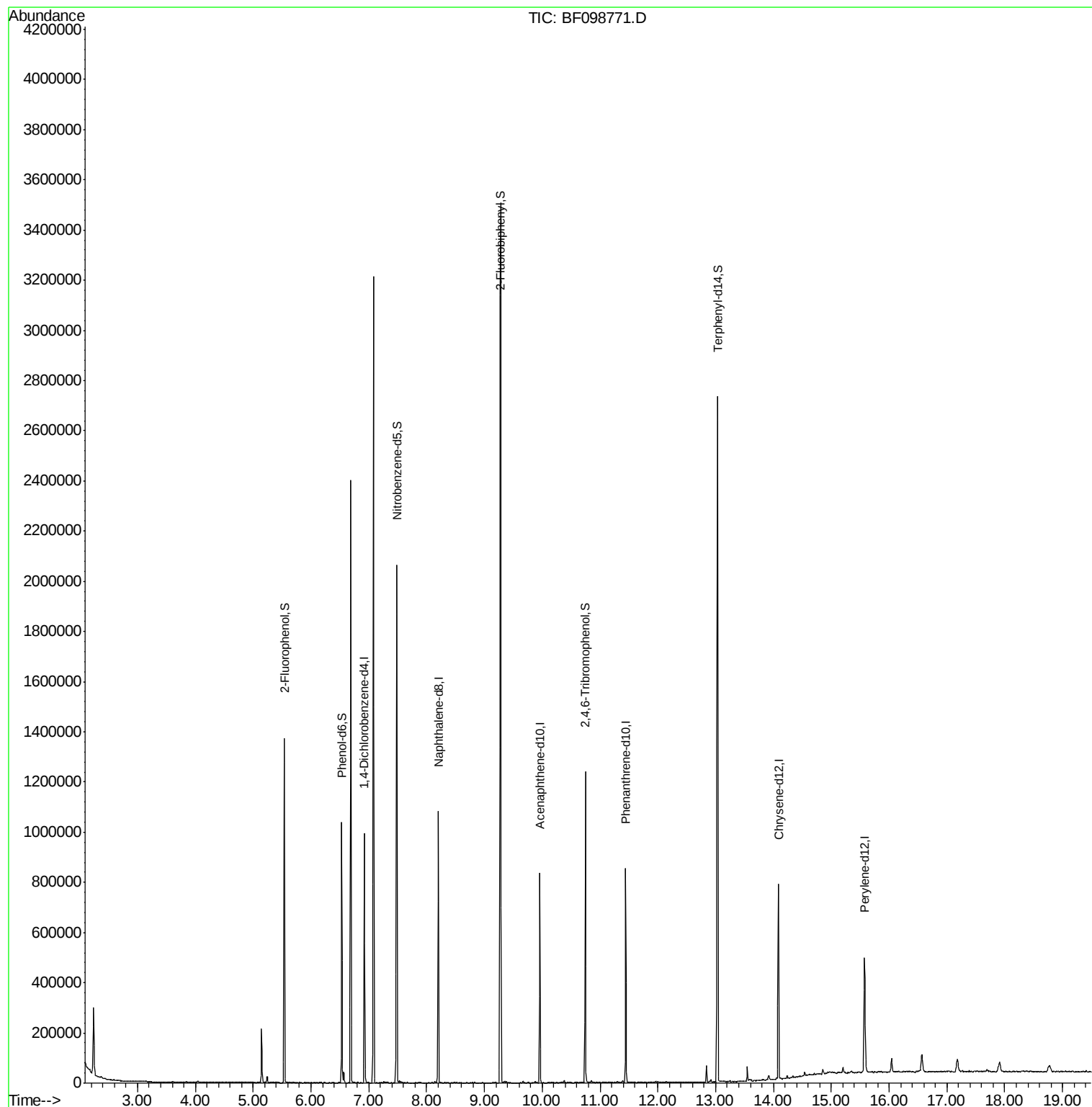
Target Compounds Qvalue

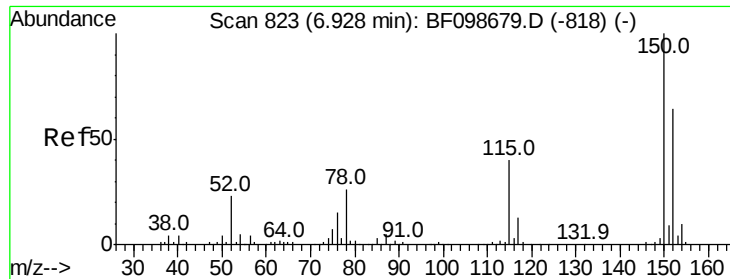
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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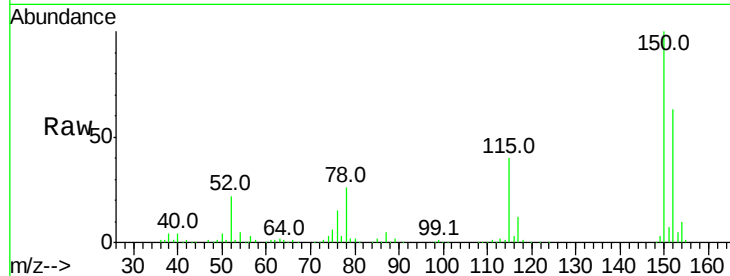


#1

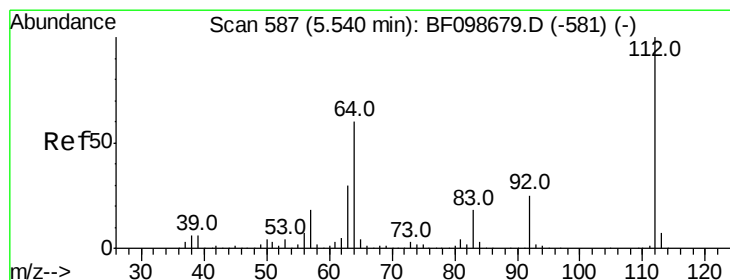
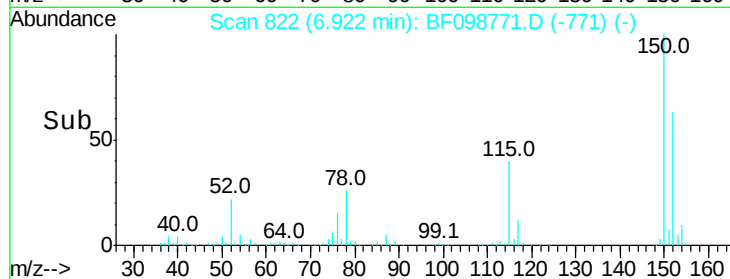
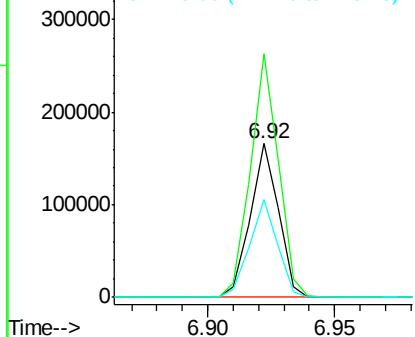
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF098771.D
Acq: 24 Sep 2017 7:23

Instrument :
BNA_F
ClientSampleId :
091517-SIDI-E-D-S

Tot Ion:152 Resp: 128801
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 63.5 50.1 75.1



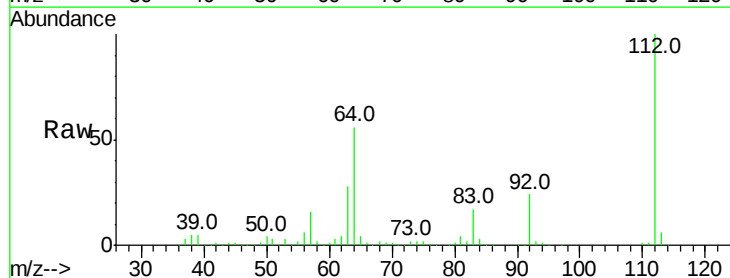
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



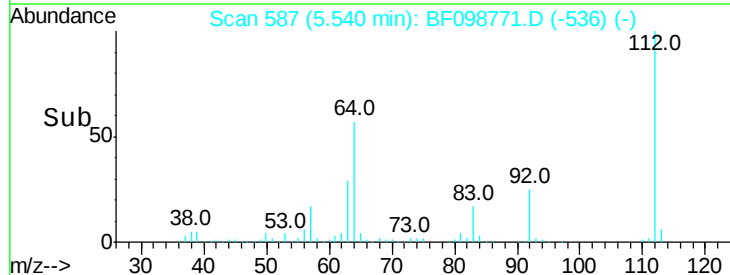
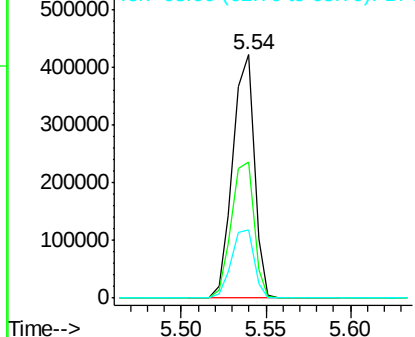
#5

2-Fluorophenol
Concen: 46.479 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF098771.D
Acq: 24 Sep 2017 7:23

Tgt Ion:112 Resp: 376064
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.1 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: 28.221 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098771.D

Acq: 24 Sep 2017 7:23

Instrument :

BNA_F

ClientSampleId :

091517-SIDI-E-D-S

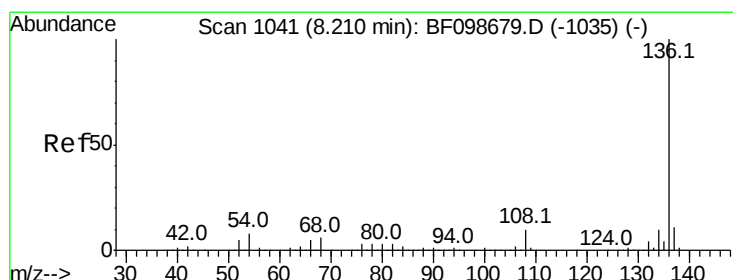
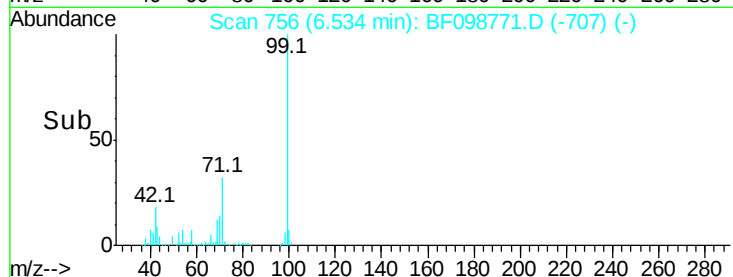
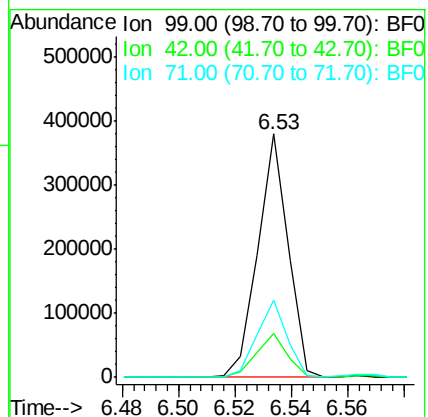
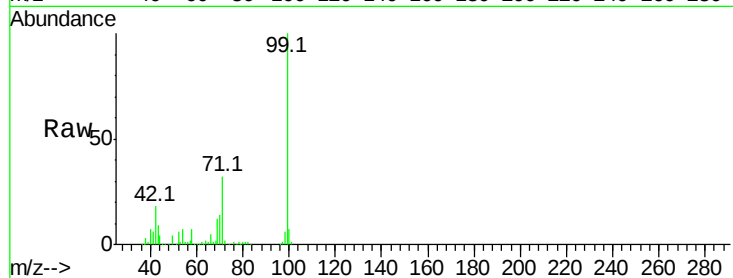
Tot Ion: 99 Resp: 281678

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 31.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF098771.D

Acq: 24 Sep 2017 7:23

Tgt Ion: 136 Resp: 441561

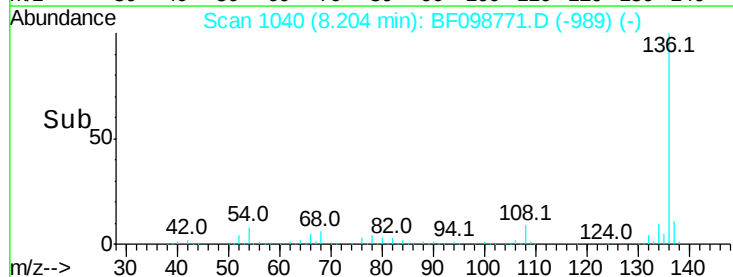
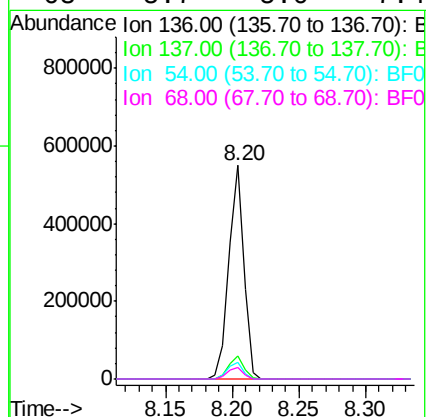
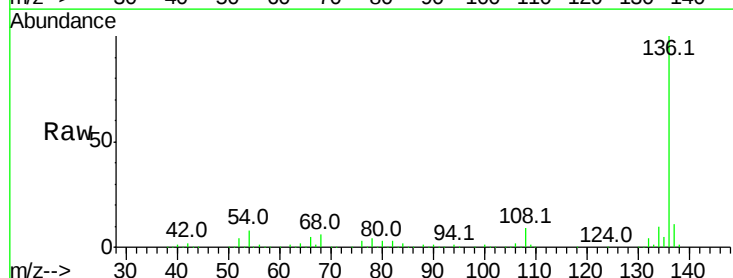
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.7 6.6 9.8

68 5.7 5.0 7.4

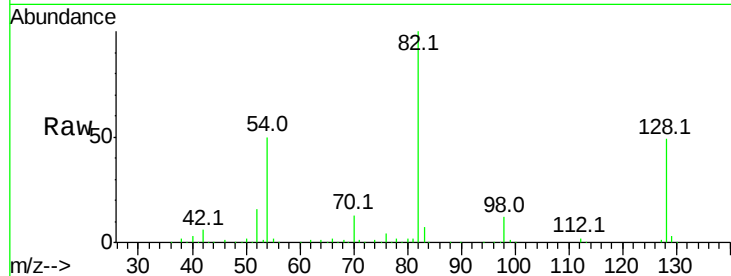




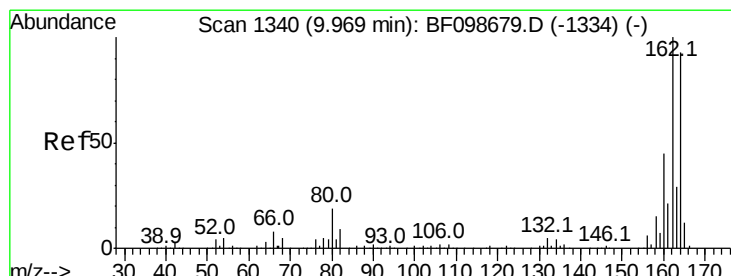
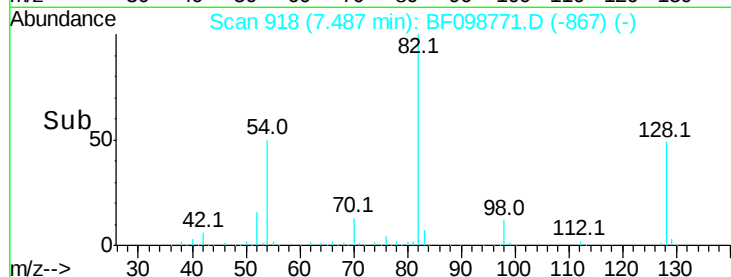
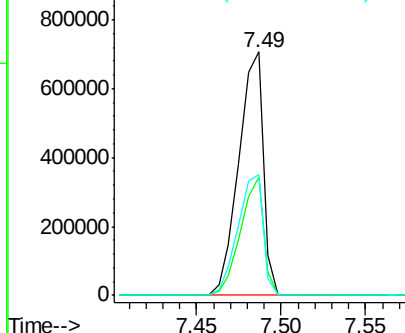
#23
 Nitrobenzene-d5
 Concen: 104.374 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF098771.D
 Acq: 24 Sep 2017 7:23

Instrument :
 BNA_F
 ClientSampleId :
 091517-SIDI-E-D-S

Tot Ion: 82 Resp: 718653
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.1 54.1
 54 49.6 41.4 62.2

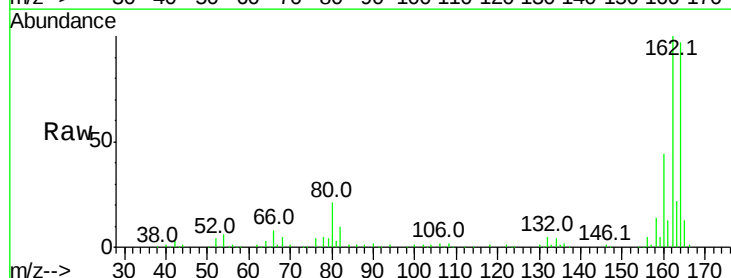


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

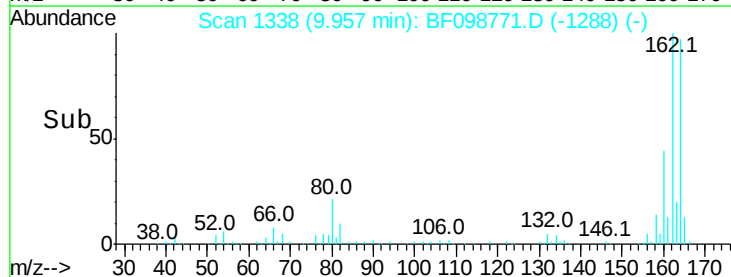
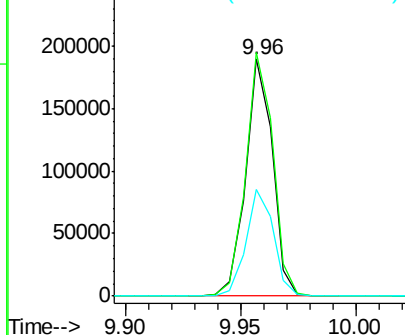


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098771.D
 Acq: 24 Sep 2017 7:23

Tgt Ion:164 Resp: 153703
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 45.0 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

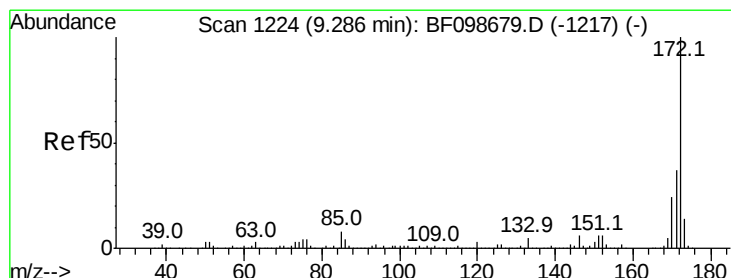
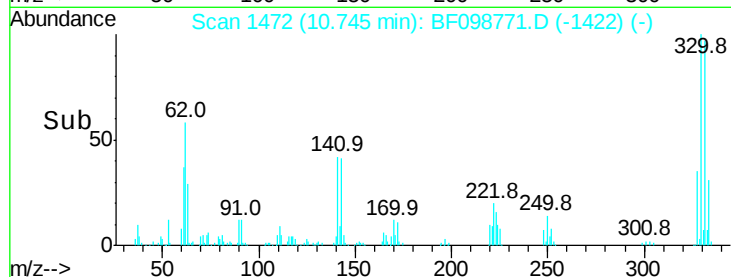
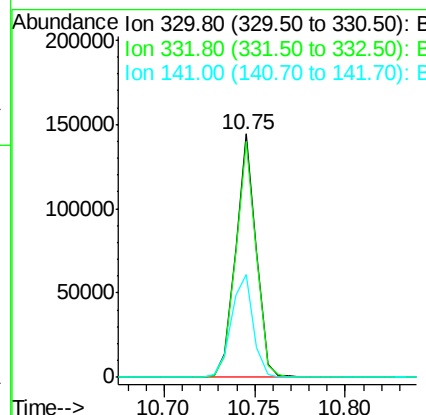
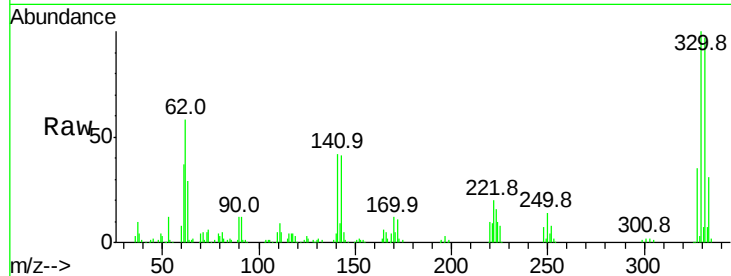




#41
 2,4,6-Tribromophenol
 Concen: 90.225 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098771.D
 Acq: 24 Sep 2017 7:23

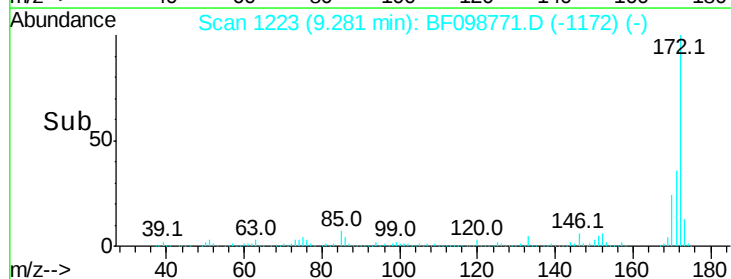
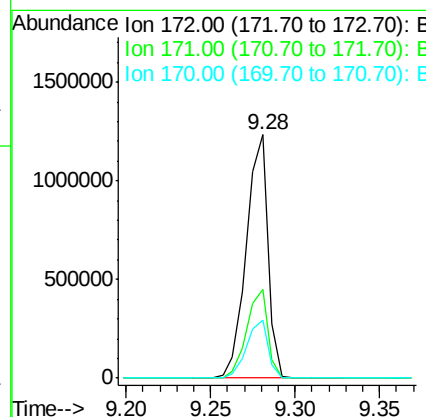
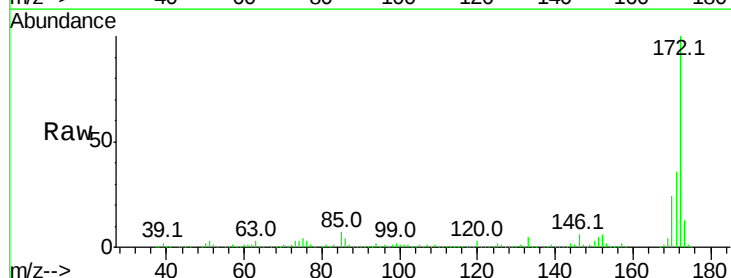
Instrument :
 BNA_F
 ClientSampleId :
 091517-SIDI-E-D-S

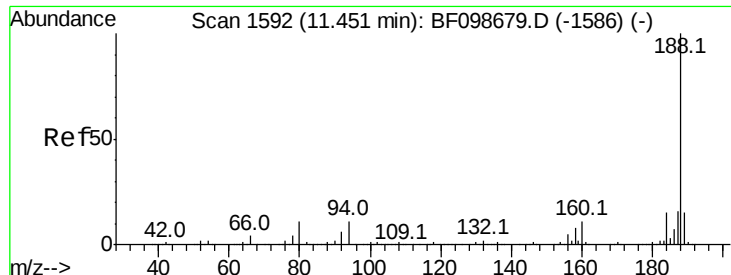
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	45.1	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 120.246 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF098771.D
 Acq: 24 Sep 2017 7:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF098771.D

Acq: 24 Sep 2017 7:23

Instrument :

BNA_F

ClientSampleId :

091517-SIDI-E-D-S

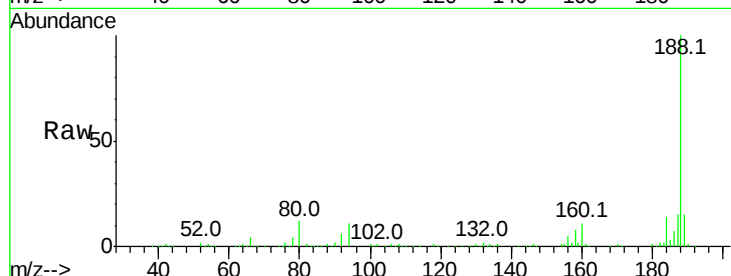
Tot Ion:188 Resp: 254140

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

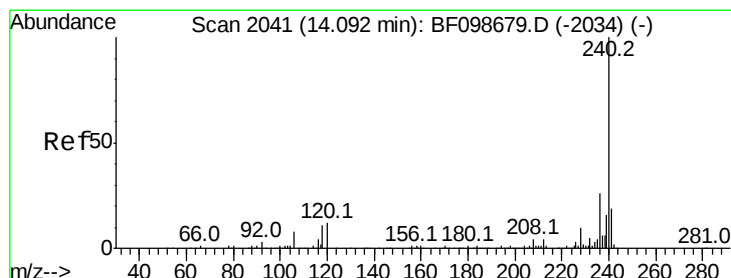
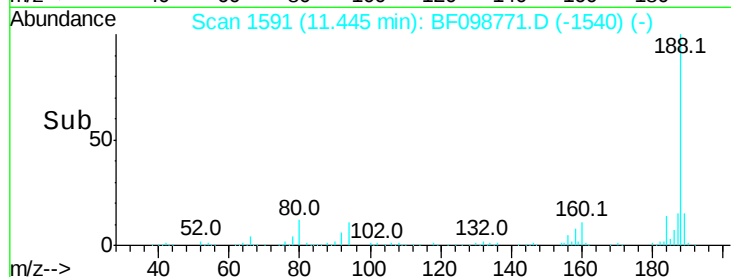
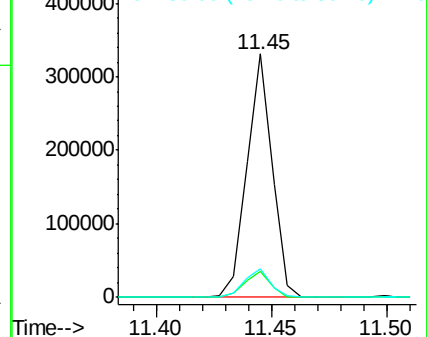
80 11.8 9.2 13.8



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: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF098771.D

Acq: 24 Sep 2017 7:23

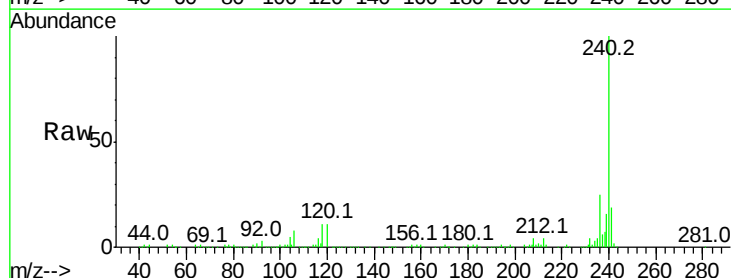
Tgt Ion:240 Resp: 255638

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

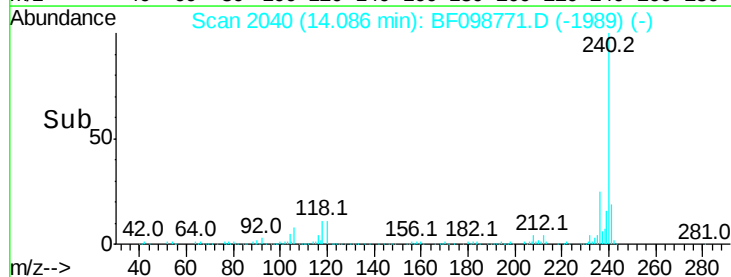
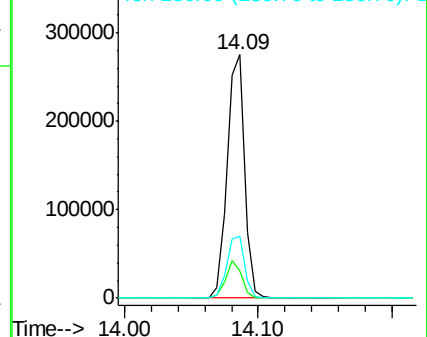
236 25.2 20.7 31.1

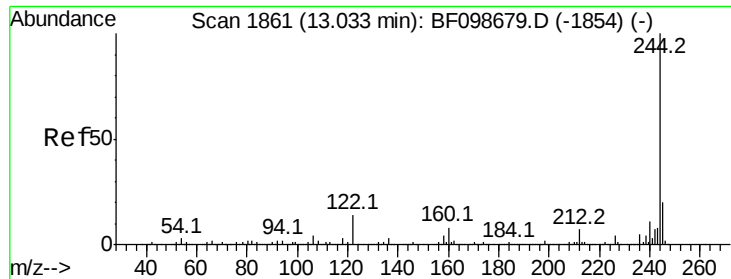


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.935 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BF098771.D

Acq: 24 Sep 2017 7:23

Instrument :

BNA_F

ClientSampleId :

091517-SIDI-E-D-S

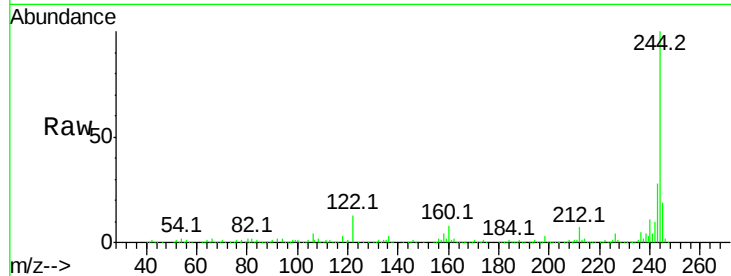
Tot Ion:244 Resp: 842332

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

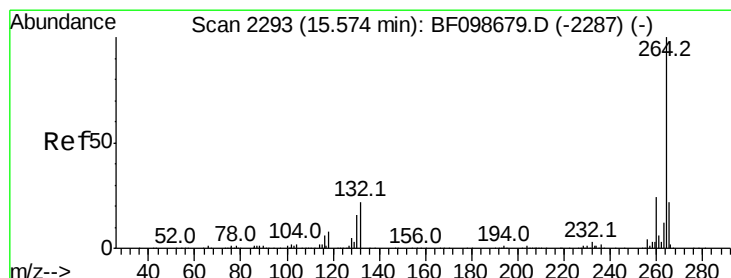
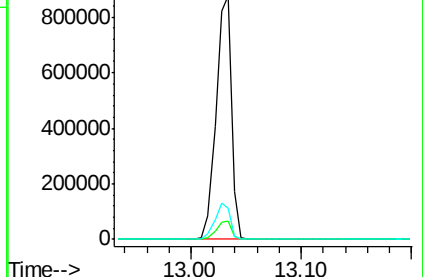
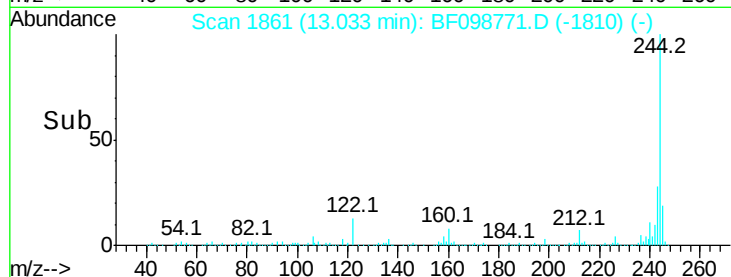
122 12.7 11.0 16.4



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: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF098771.D

Acq: 24 Sep 2017 7:23

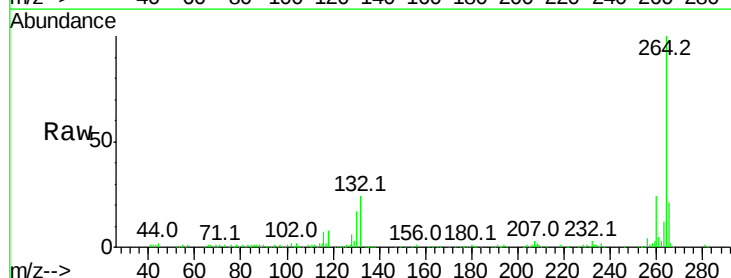
Tgt Ion:264 Resp: 193313

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.8 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

