

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098847.D
 Acq On : 26 Sep 2017 22:12
 Operator : SJ/JU
 Sample : I5427-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092217-SIDI-F-D-S

Quant Time: Sep 27 02:31:43 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	6.91	152	147060	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	607608	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	267495	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	435631	20.00	ng	0.00
75) Chrysene-d12	14.07	240	283771	20.00	ng	-0.01
86) Perylene-d12	15.57	264	269878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	443018	47.96	ng	-0.01
7) Phenol-d6	6.53	99	362388	31.80	ng	-0.02
23) Nitrobenzene-d5	7.48	82	968456	102.22	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	203503	92.97	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1664813	103.90	ng	0.00
78) Terphenyl-d14	13.02	244	1175059	94.17	ng	-0.01

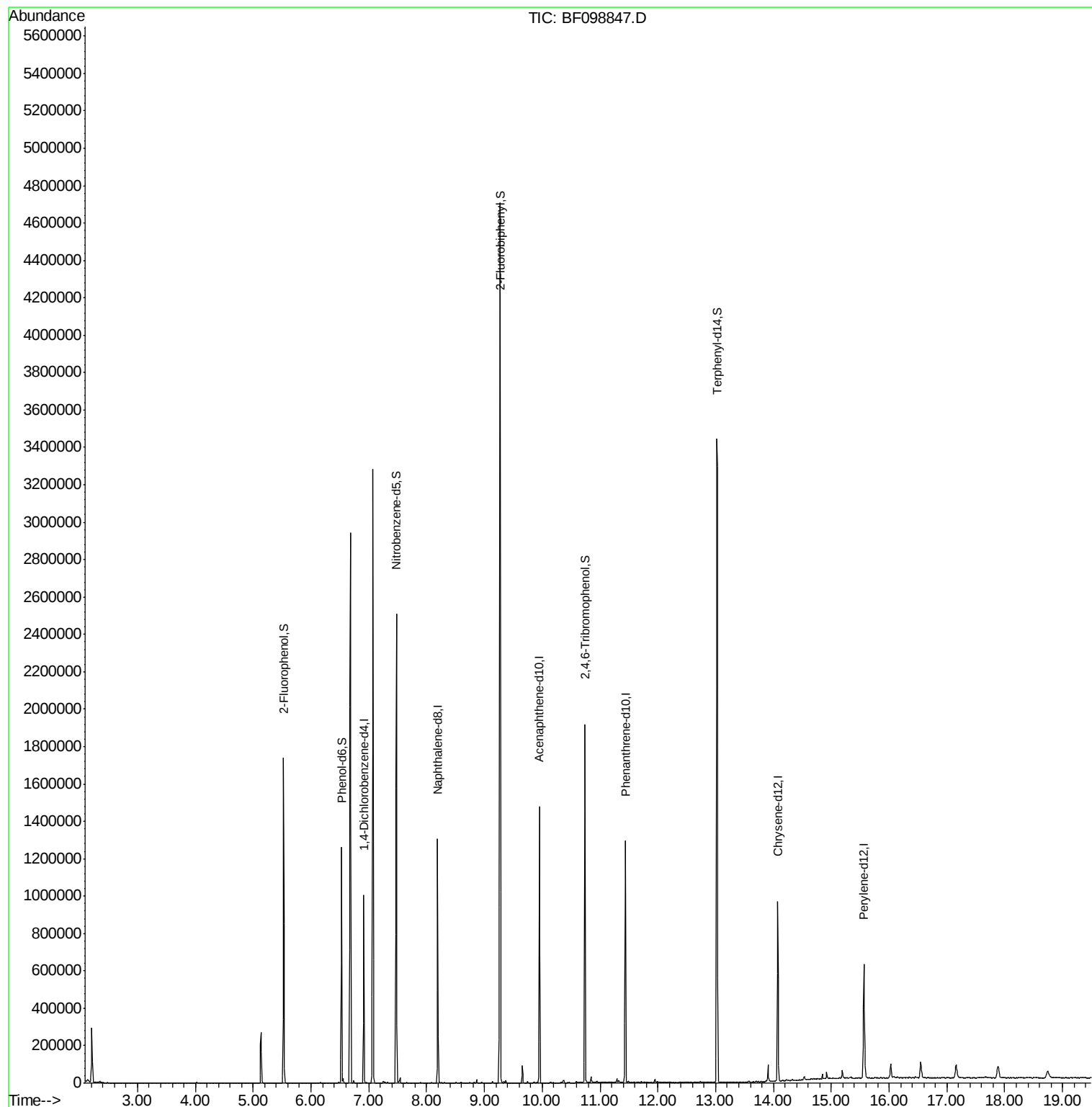
Target Compounds Qvalue

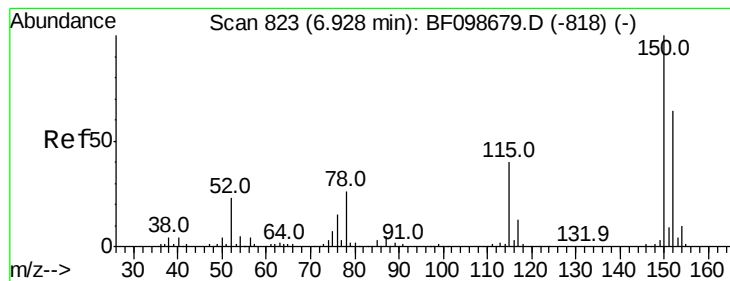
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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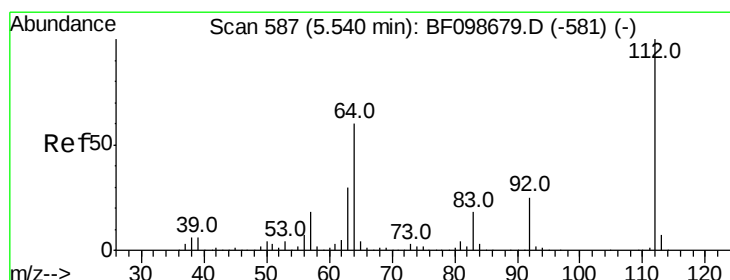
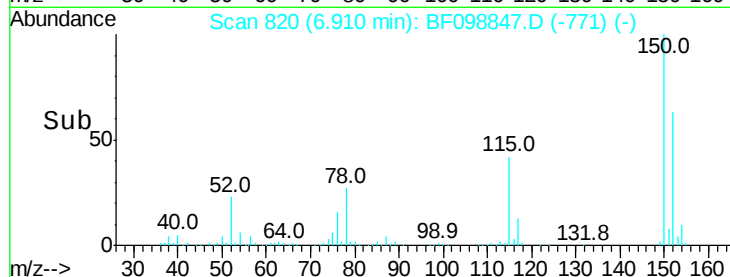
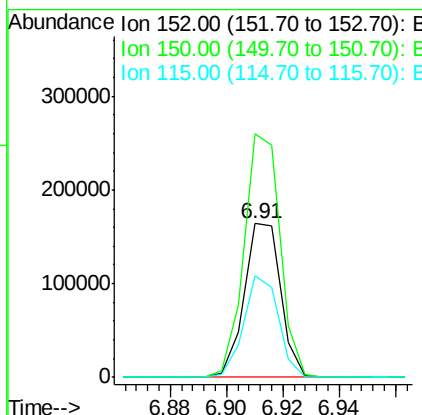
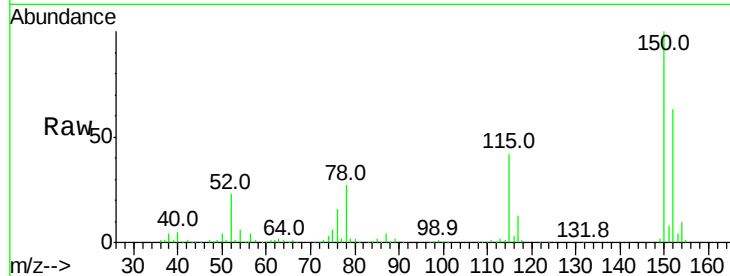


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098847.D
 Acq: 26 Sep 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :
 092217-SIDI-F-D-S

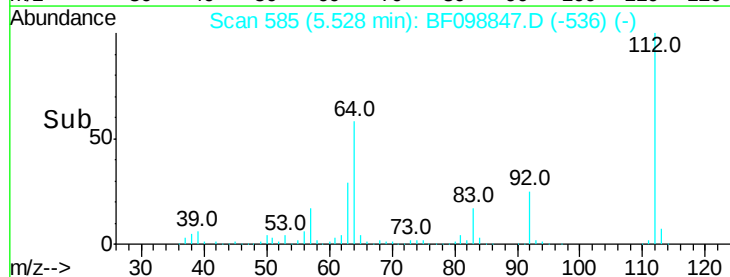
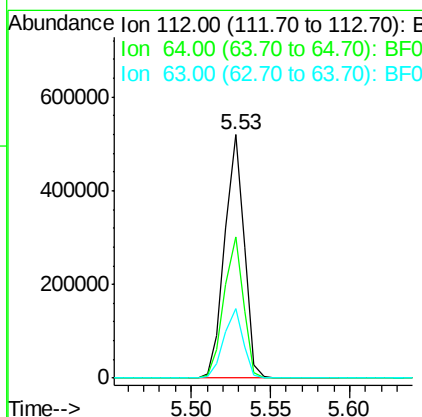
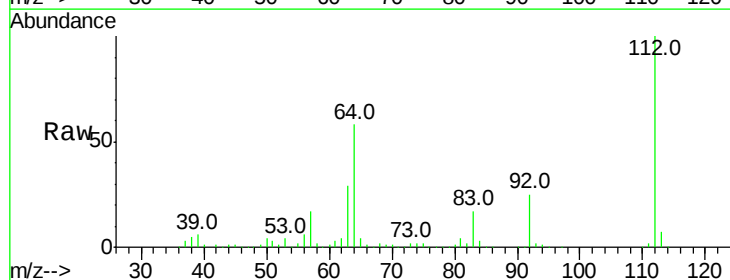
Tot Ion:152 Resp: 147060
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.6 186.8
 115 66.5 50.1 75.1

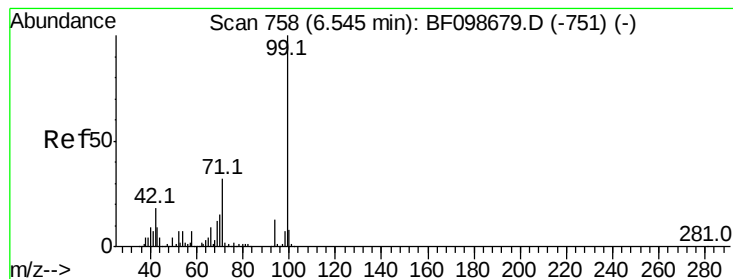


#5

2-Fluorophenol
 Concen: 47.956 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098847.D
 Acq: 26 Sep 2017 22:12

Tgt Ion:112 Resp: 443018
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.9 71.9
 63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 31.799 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098847.D

Acq: 26 Sep 2017 22:12

Instrument :

BNA_F

ClientSampleId :

092217-SIDI-F-D-S

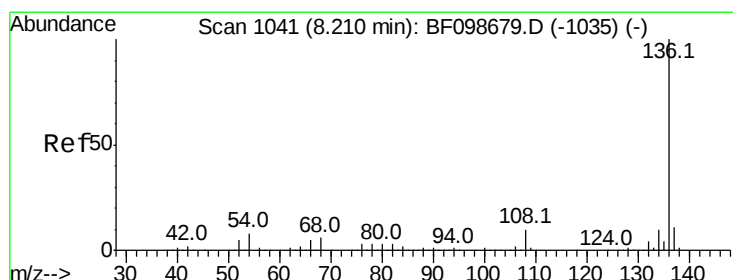
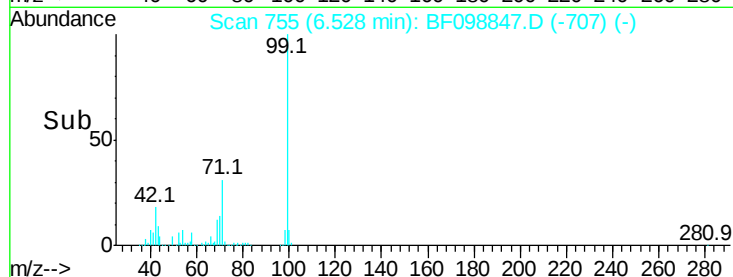
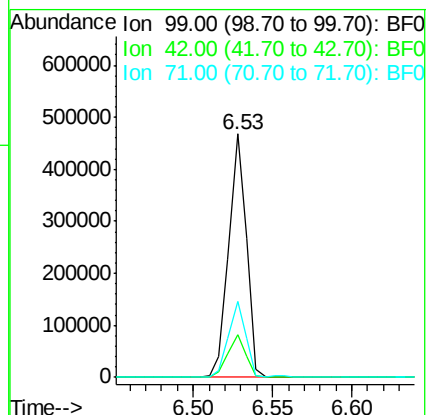
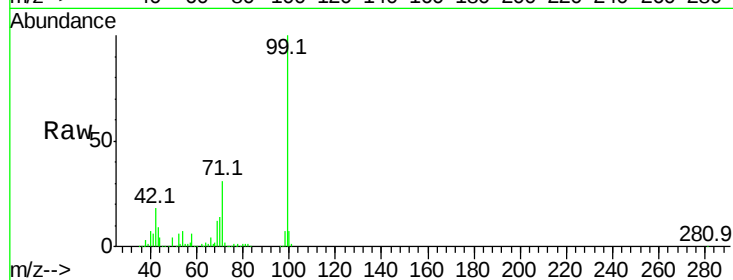
Tot Ion: 99 Resp: 362388

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 31.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098847.D

Acq: 26 Sep 2017 22:12

Tgt Ion: 136 Resp: 607608

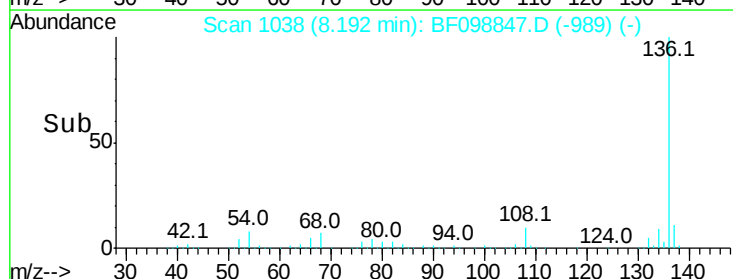
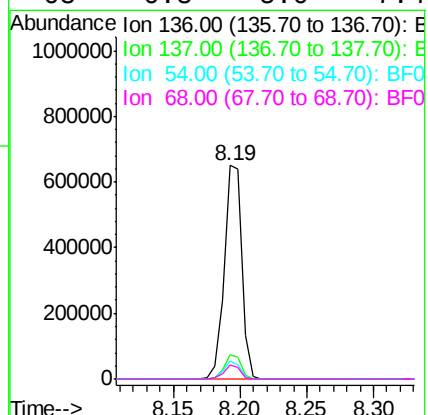
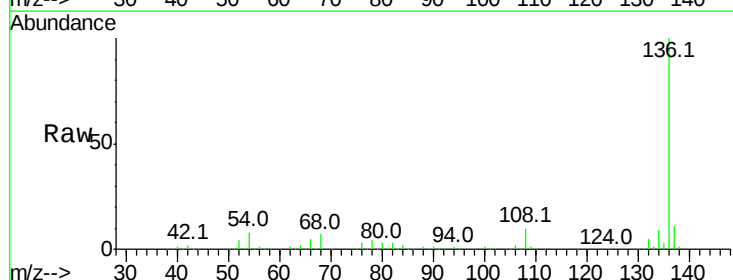
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 6.8 5.0 7.4

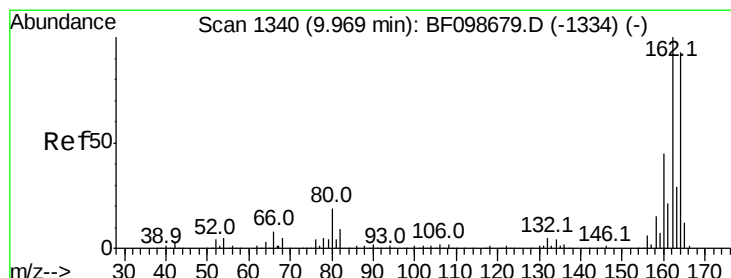
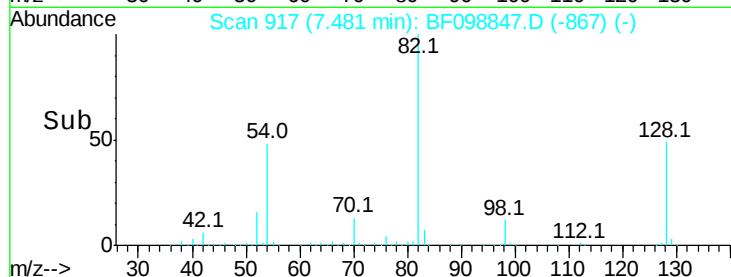
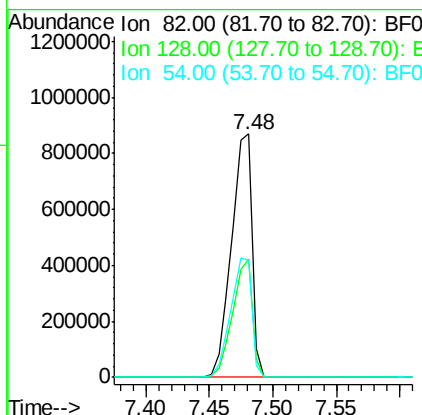
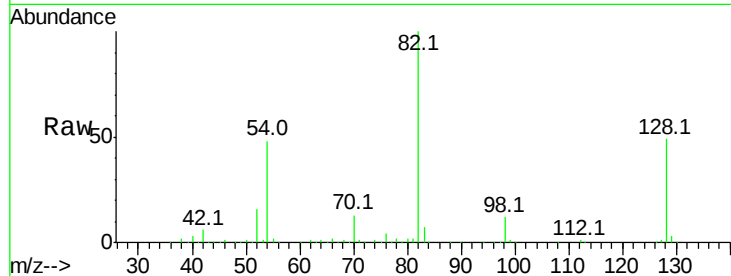




#23
Nitrobenzene-d5
Concen: 102.216 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

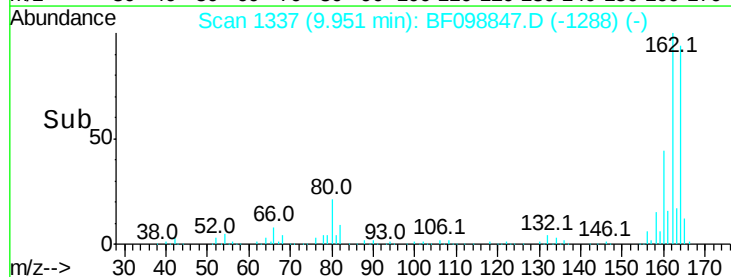
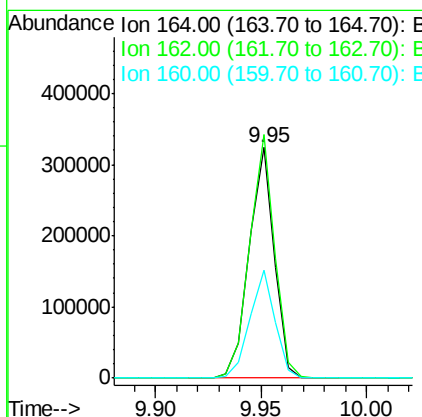
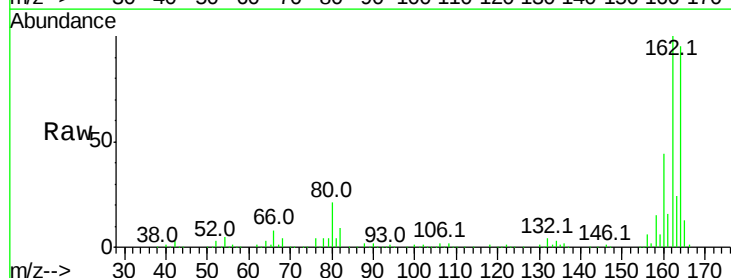
Instrument :
BNA_F
ClientSampleId :
092217-SIDI-F-D-S

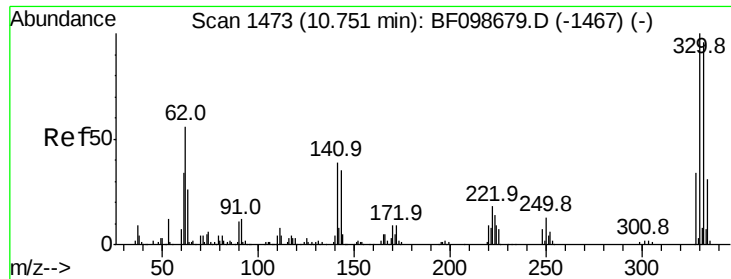
Tot Ion: 82 Resp: 968456
Ion Ratio Lower Upper
82 100
128 48.8 36.1 54.1
54 47.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

Tgt Ion:164 Resp: 267495
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 46.9 38.3 57.5

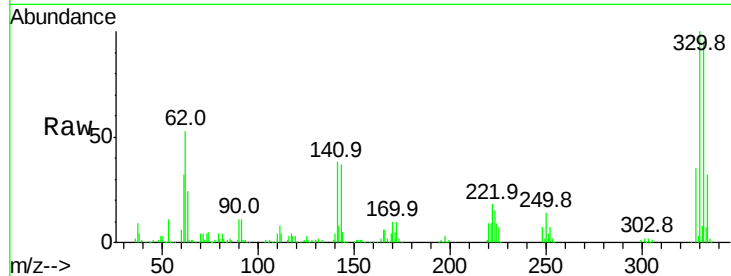




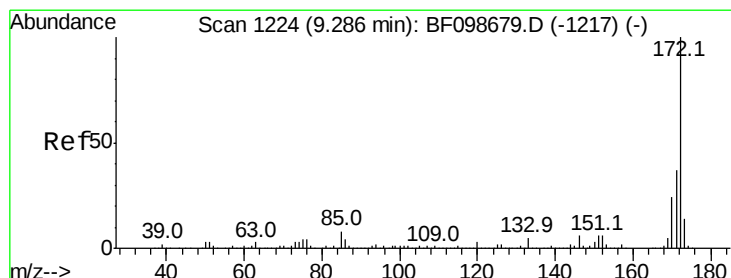
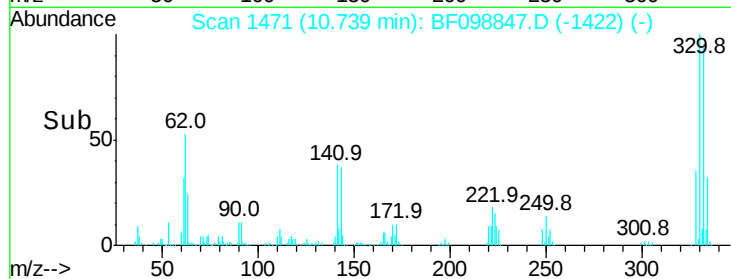
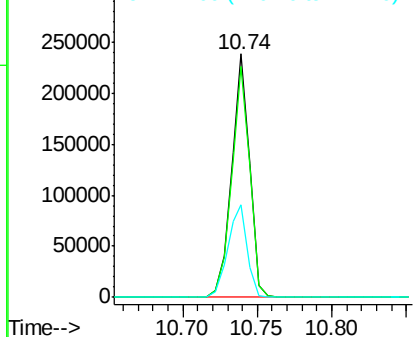
#41
 2,4,6-Tribromophenol
 Concen: 92.973 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098847.D
 Acq: 26 Sep 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :
 092217-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	40.8	29.9	44.9

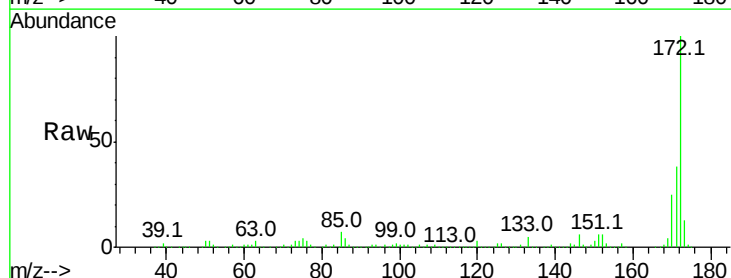


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

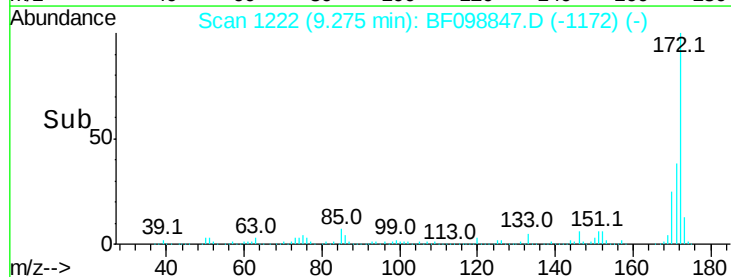
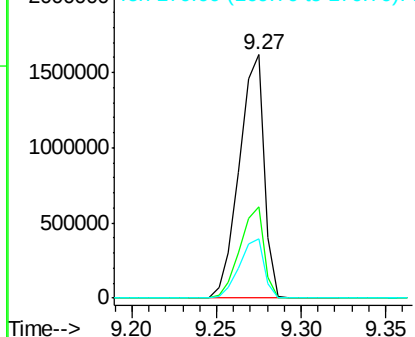


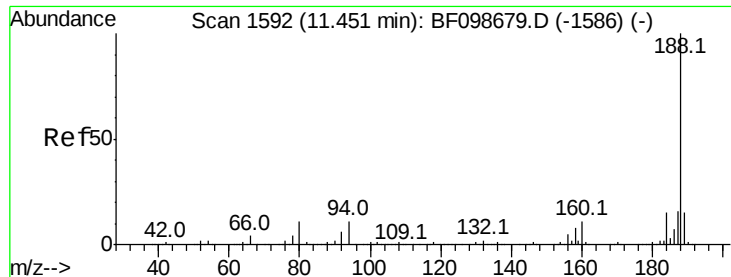
#44
 2-Fluorobiphenyl
 Concen: 103.900 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098847.D
 Acq: 26 Sep 2017 22:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	24.6	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

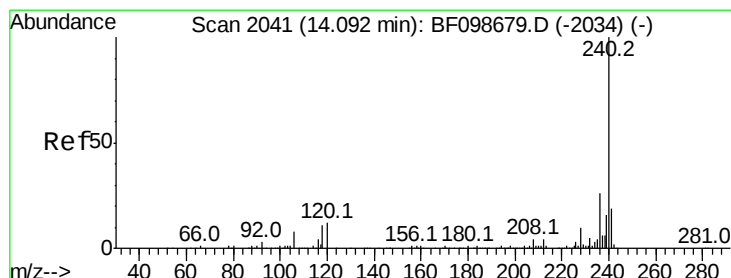
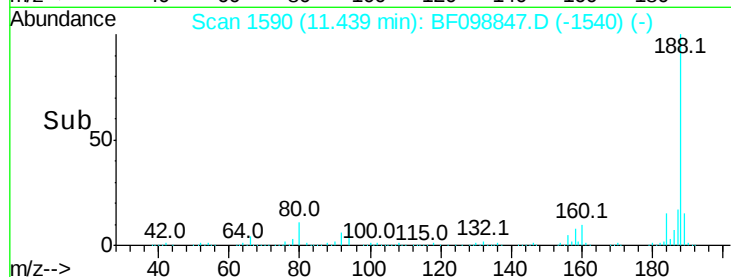
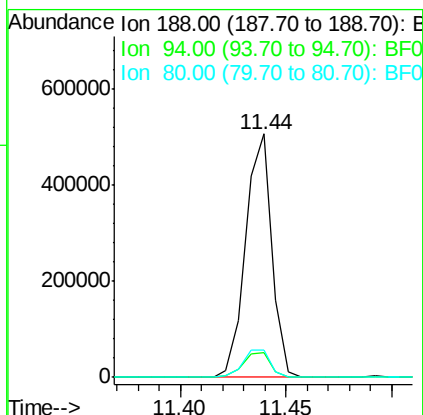
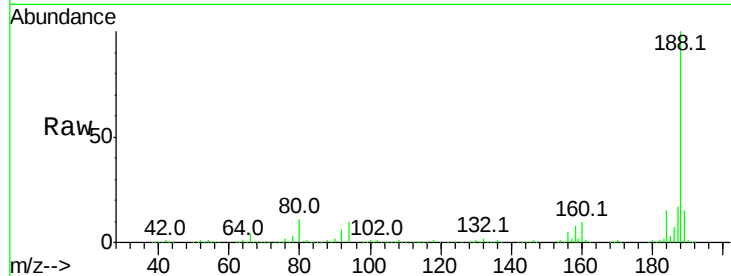




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

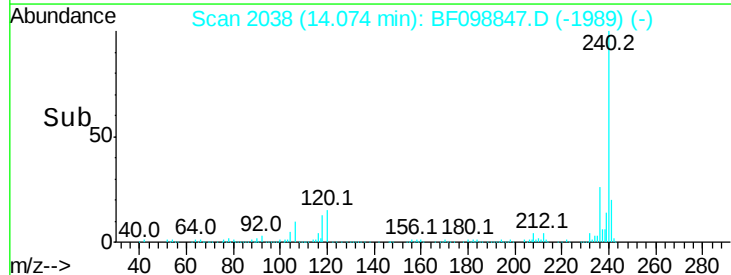
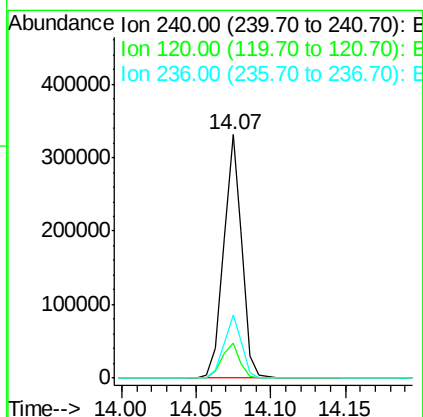
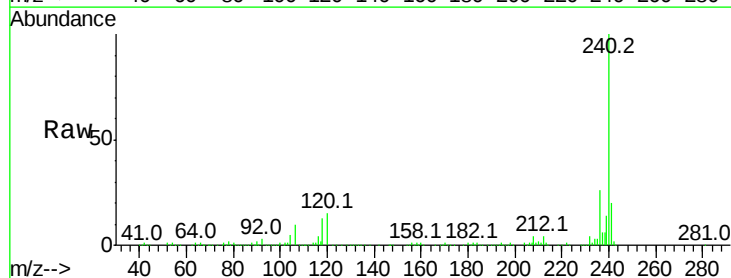
Instrument :
BNA_F
ClientSampleId :
092217-SIDI-F-D-S

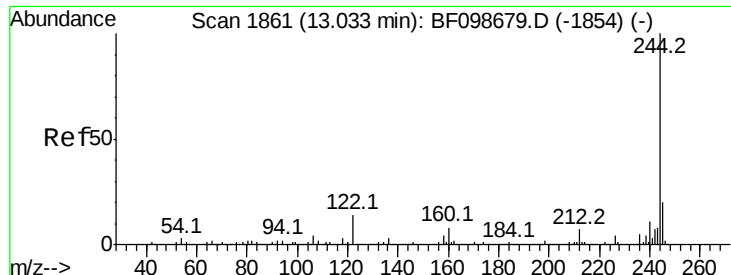
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.0	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.7	20.7	31.1





#78

Terphenyl-d14

Concen: 94.172 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098847.D

Acq: 26 Sep 2017 22:12

Instrument :

BNA_F

ClientSampleId :

092217-SIDI-F-D-S

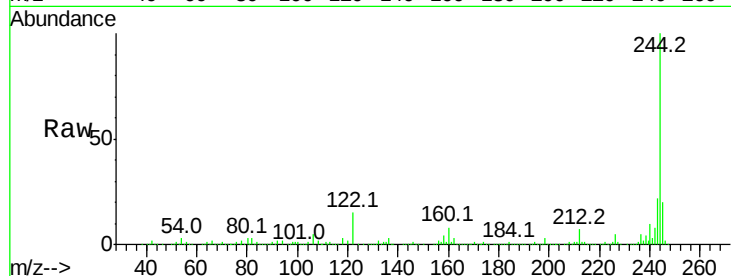
Tot Ion:244 Resp: 1175059

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

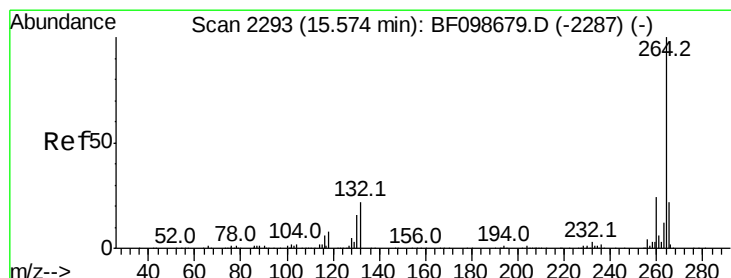
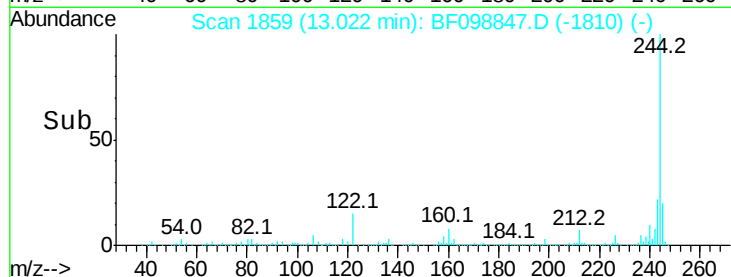
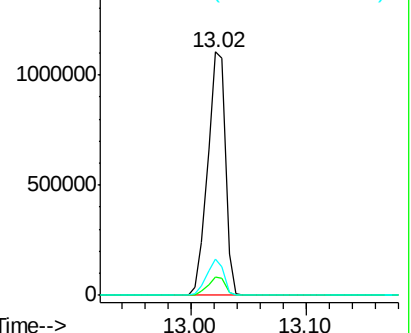
122 14.7 11.0 16.4



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# 2292

Delta R.T. -0.01 min

Lab File: BF098847.D

Acq: 26 Sep 2017 22:12

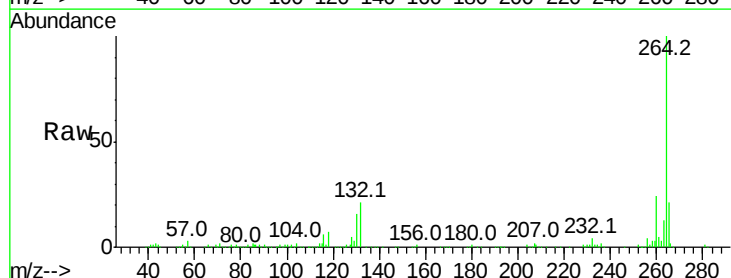
Tgt Ion:264 Resp: 269878

Ion Ratio Lower Upper

264 100

260 23.8 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

