

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098845.D
 Acq On : 26 Sep 2017 21:15
 Operator : SJ/JU
 Sample : I5427-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Sep 27 02:23:39 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	149156	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	621669	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	283899	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	477790	20.00	ng	0.00
75) Chrysene-d12	14.07	240	322620	20.00	ng	-0.01
86) Perylene-d12	15.57	264	308157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	454759	48.54	ng	-0.01
7) Phenol-d6	6.53	99	355531	30.76	ng	-0.02
23) Nitrobenzene-d5	7.48	82	994142	102.55	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	224181	96.50	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1749651	102.89	ng	0.00
78) Terphenyl-d14	13.03	244	1308521	92.24	ng	0.00

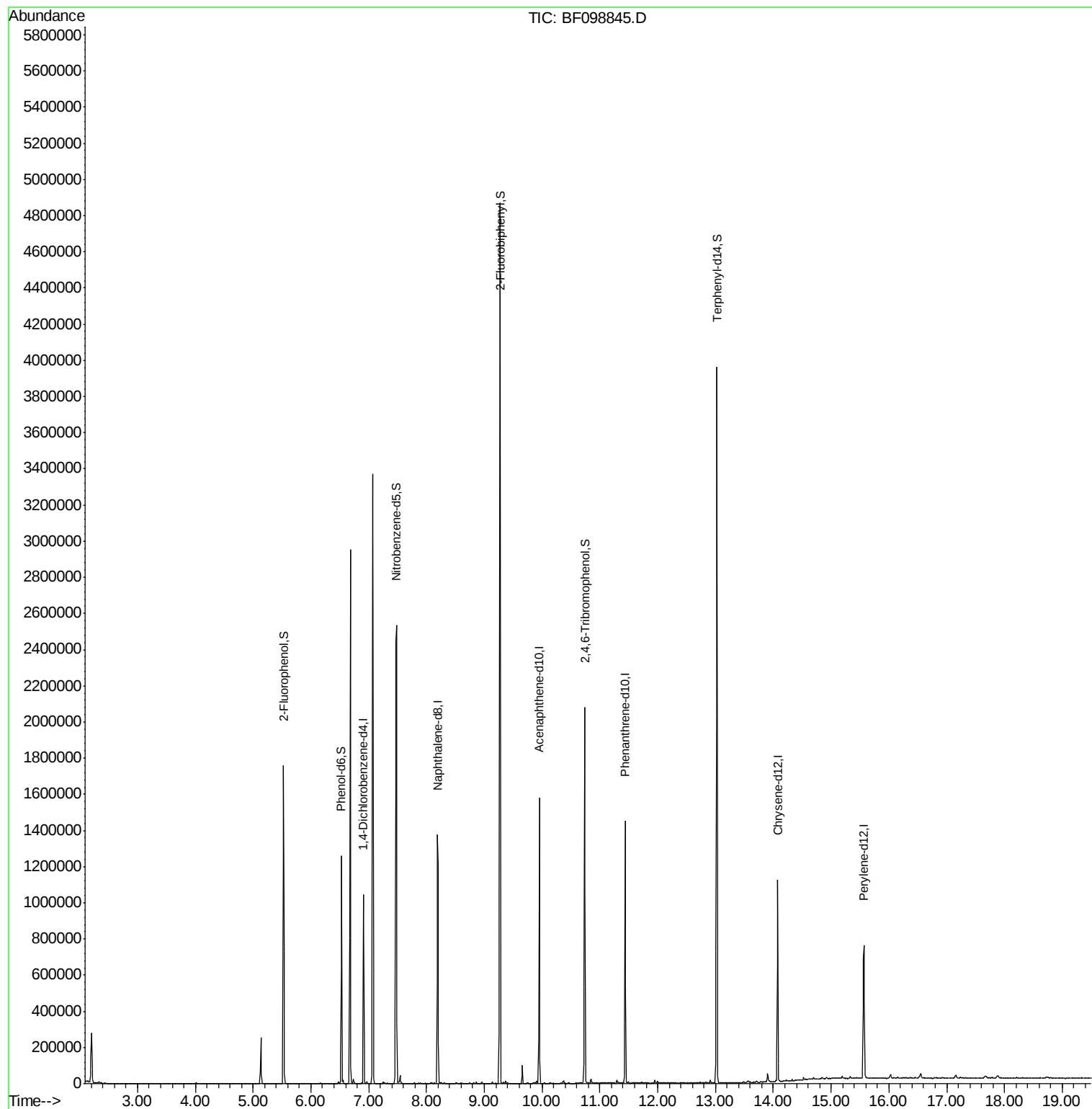
Target Compounds Qvalue

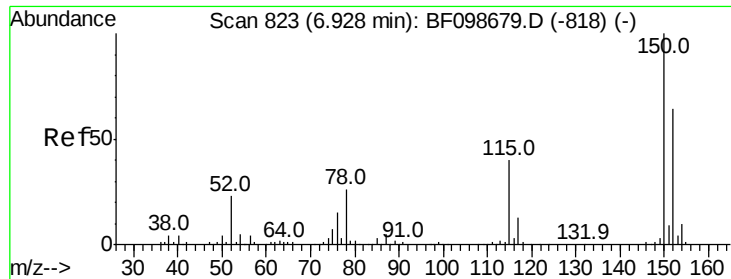
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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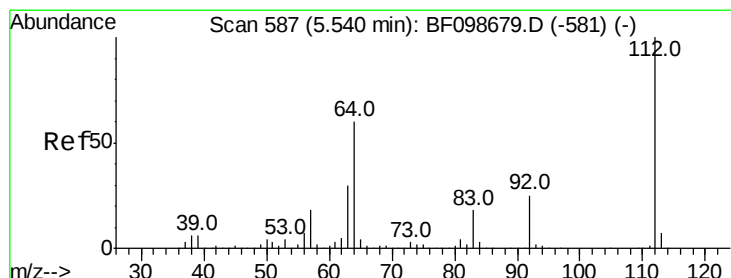
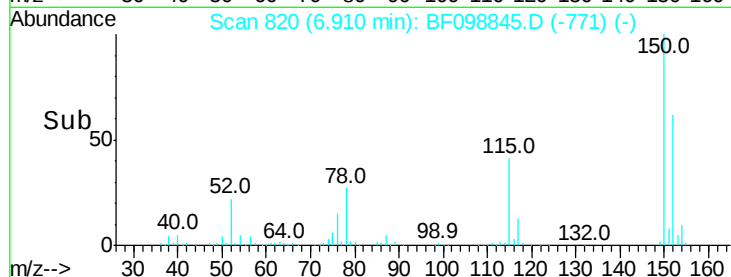
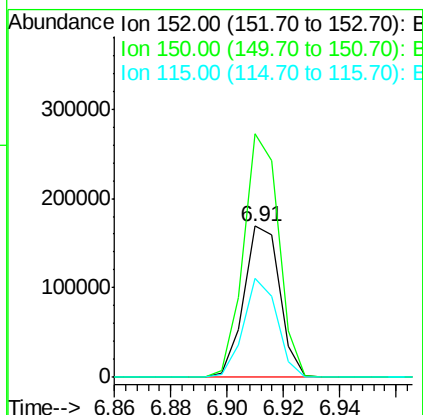
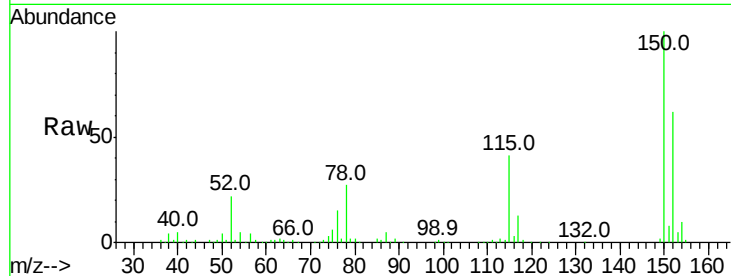


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098845.D
Acq: 26 Sep 2017 21:15

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

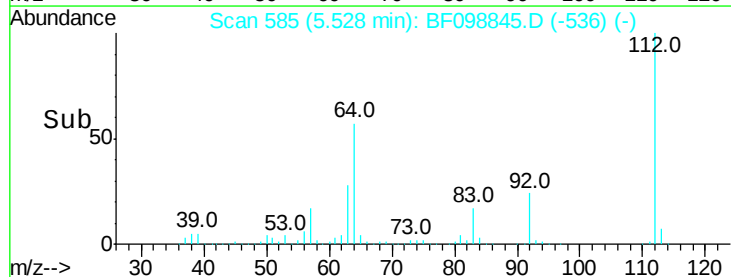
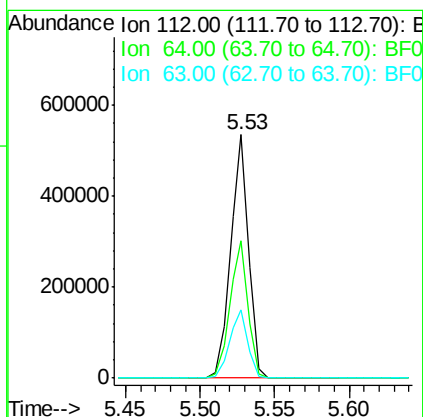
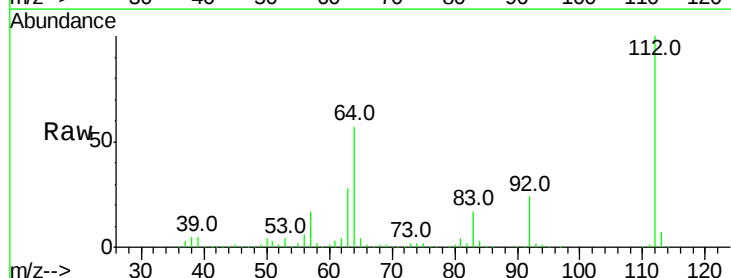
Tot Ion:152 Resp: 149156
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 65.4 50.1 75.1



#5

2-Fluorophenol
Concen: 48.535 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098845.D
Acq: 26 Sep 2017 21:15

Tgt Ion:112 Resp: 454759
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.3 23.7 35.5





#7

Phenol-d6

Concen: 30.759 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098845.D

Acq: 26 Sep 2017 21:15

Instrument :

BNA_F

ClientSampleId :

092217-SIDI-F-D-B

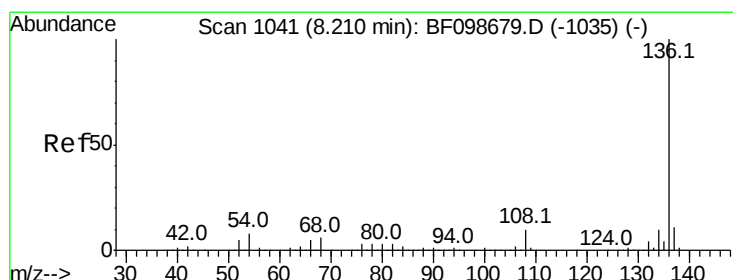
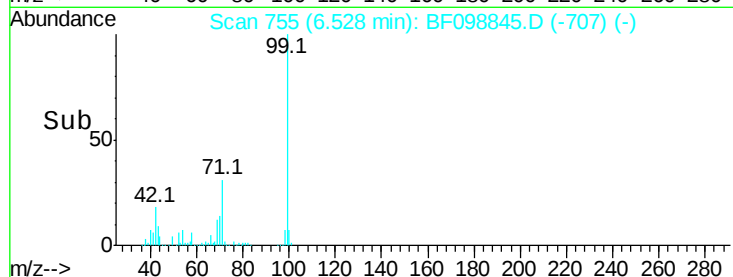
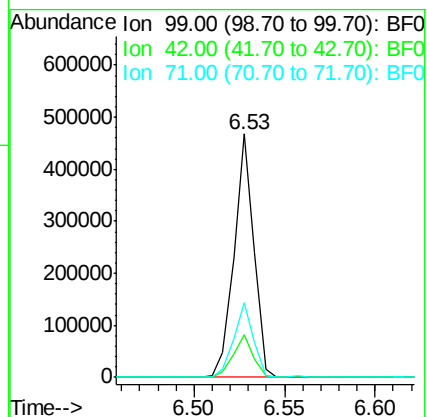
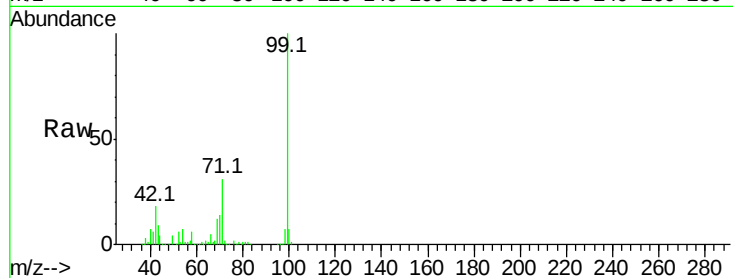
Tot Ion: 99 Resp: 355531

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 30.8 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: BF098845.D

Acq: 26 Sep 2017 21:15

Tgt Ion: 136 Resp: 621669

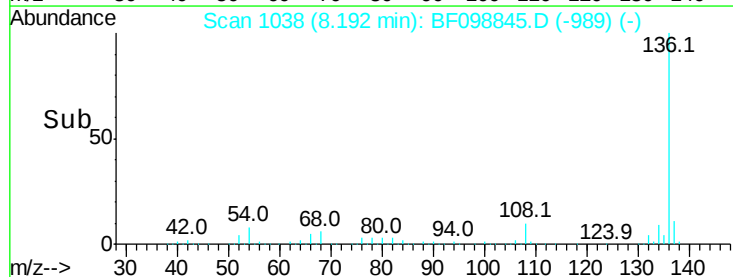
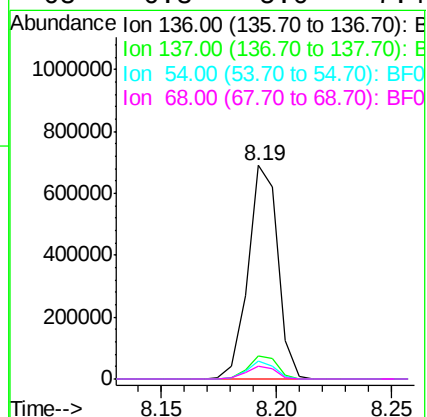
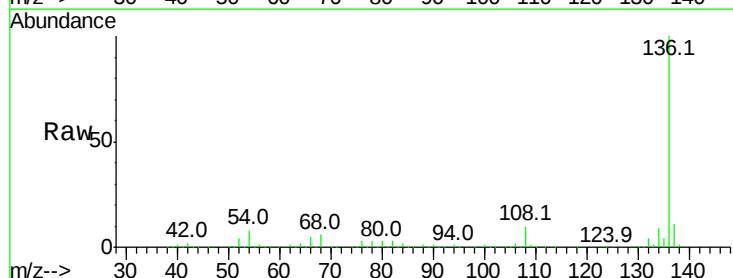
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.4 6.6 9.8

68 6.3 5.0 7.4

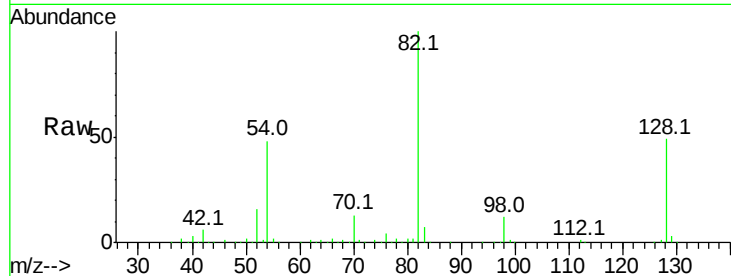




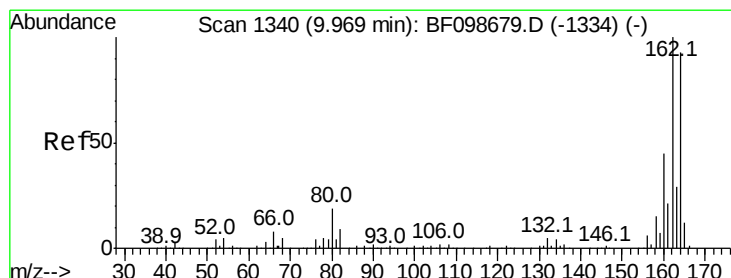
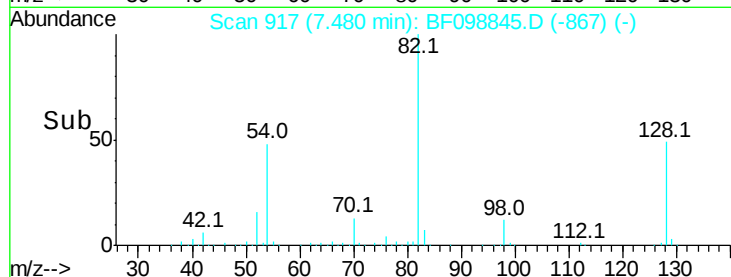
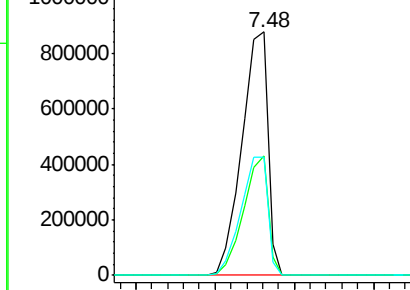
#23
Nitrobenzene-d5
Concen: 102.554 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098845.D
Acq: 26 Sep 2017 21:15

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

Tot Ion: 82 Resp: 994142
Ion Ratio Lower Upper
82 100
128 49.2 36.1 54.1
54 48.3 41.4 62.2

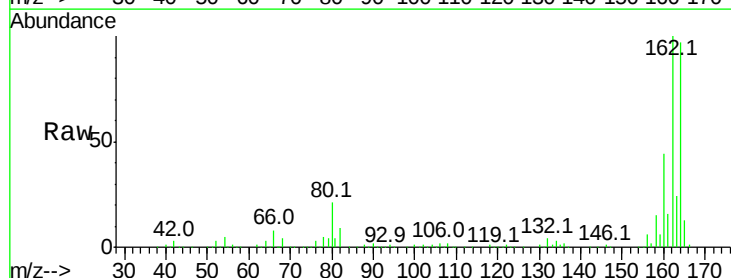


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

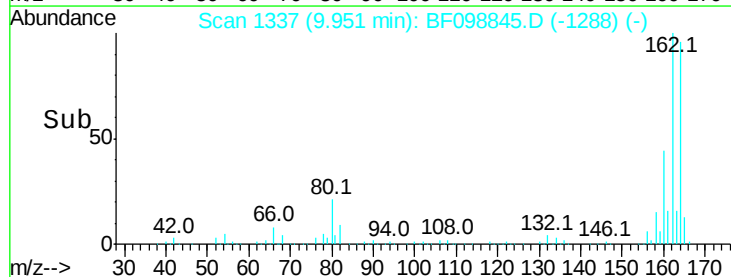
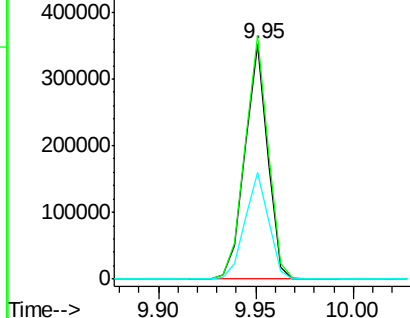


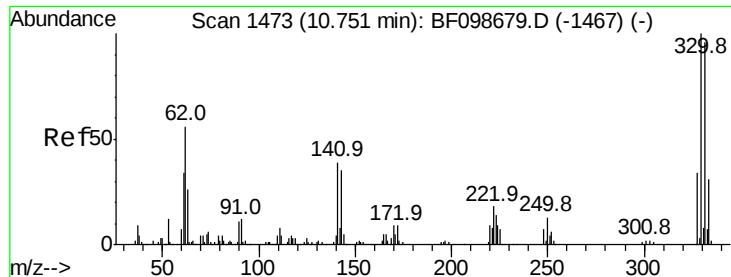
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098845.D
Acq: 26 Sep 2017 21:15

Tgt Ion:164 Resp: 283899
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 45.4 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

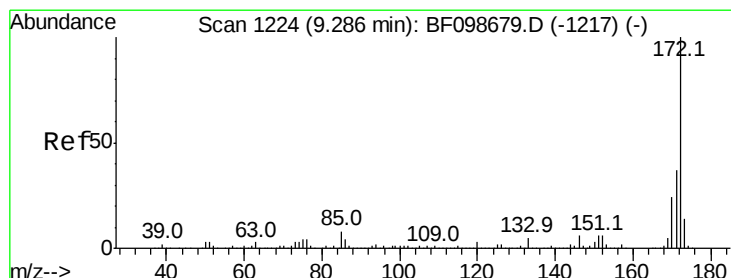
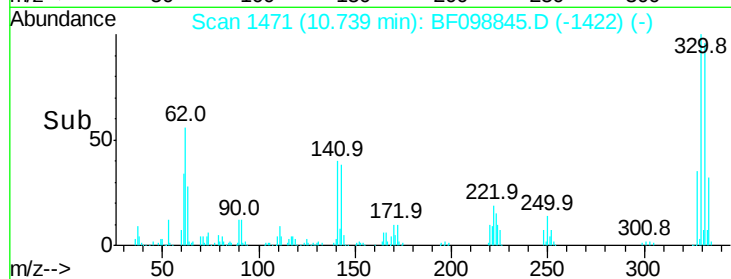
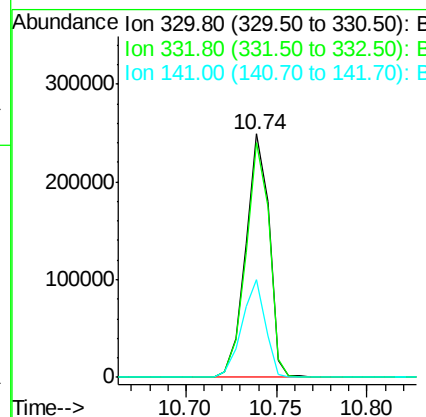
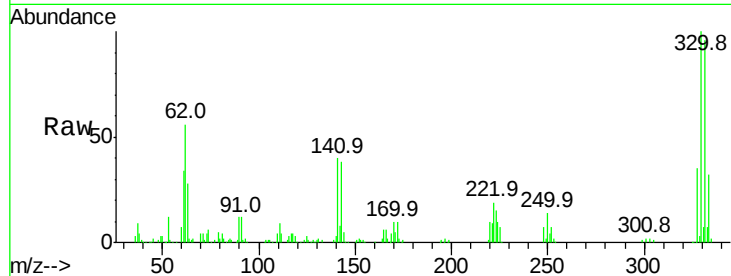




#41
 2,4,6-Tribromophenol
 Concen: 96.502 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

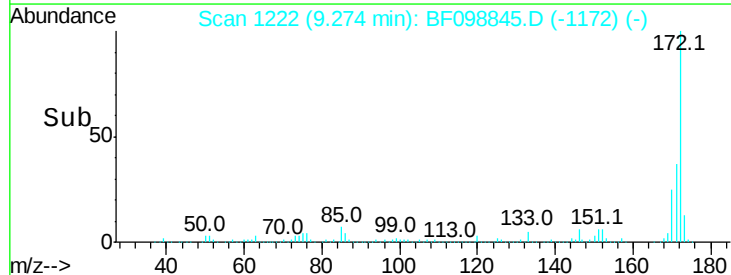
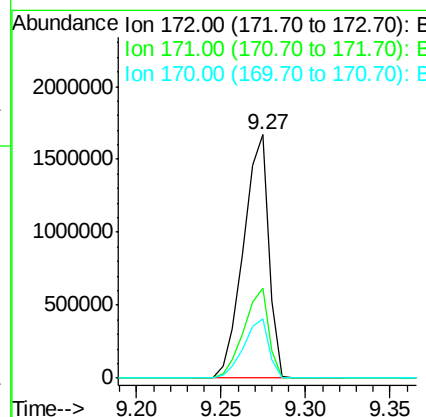
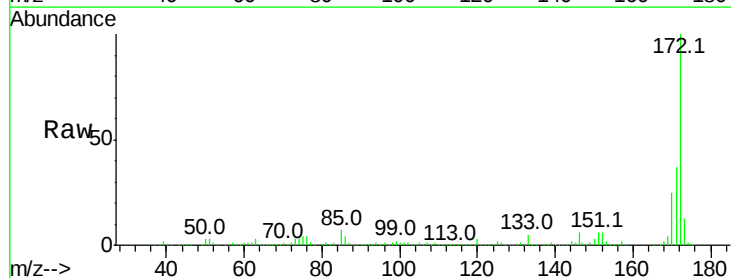
Instrument :
 BNA_F
 ClientSampleId :
 092217-SIDI-F-D-B

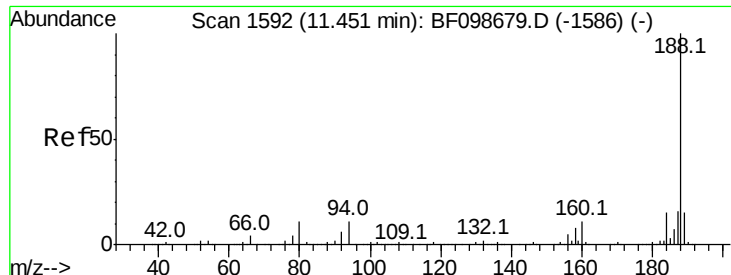
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	40.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 102.885 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4

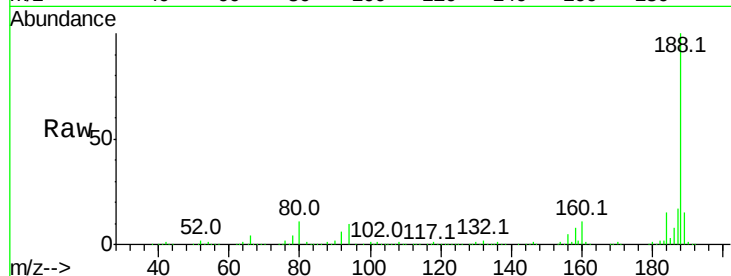




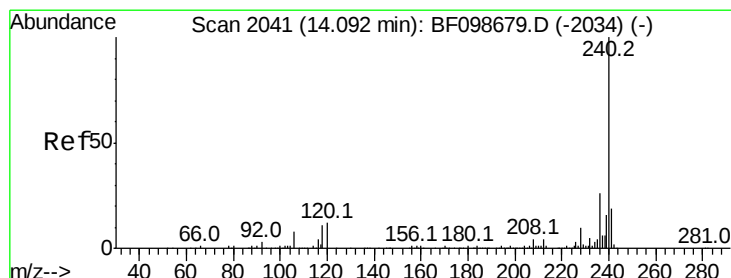
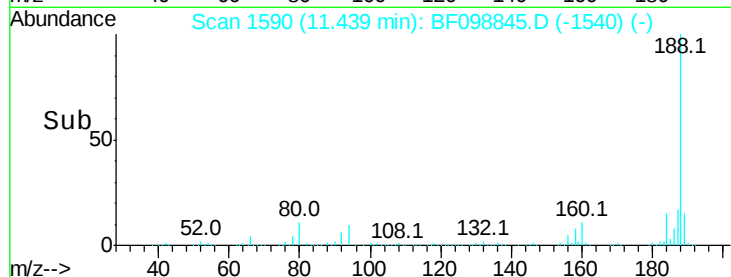
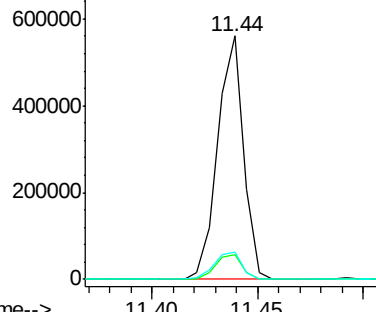
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098845.D
Acq: 26 Sep 2017 21:15

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.3	9.2	13.8

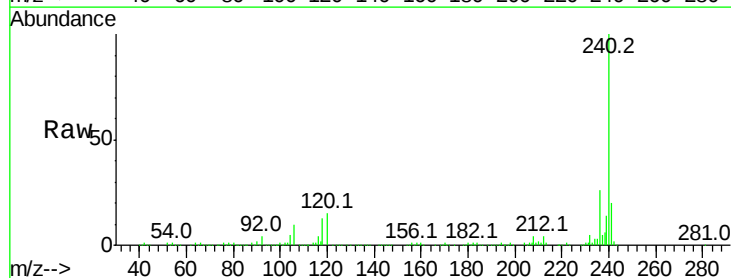


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

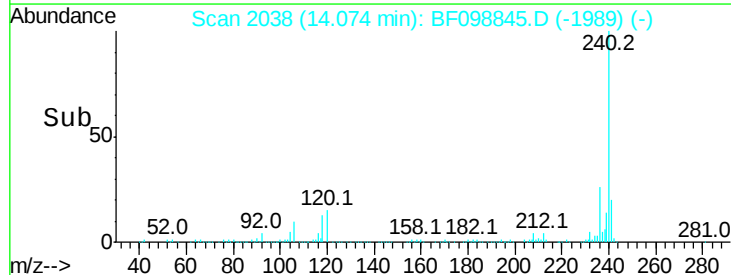
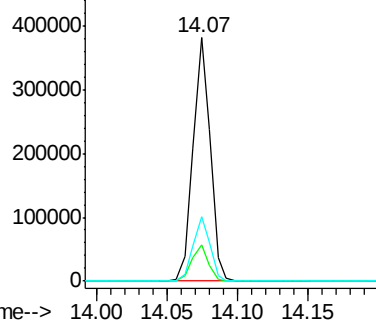


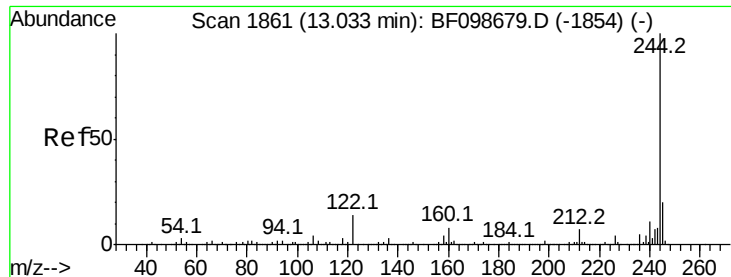
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098845.D
Acq: 26 Sep 2017 21:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.3	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

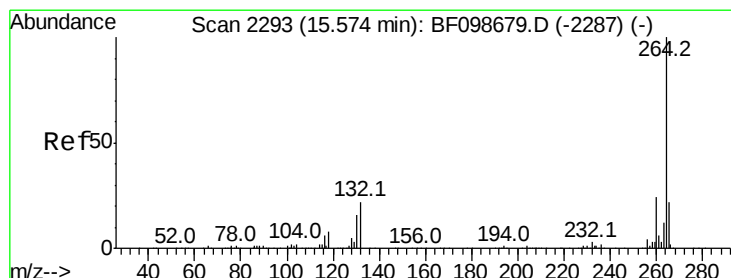
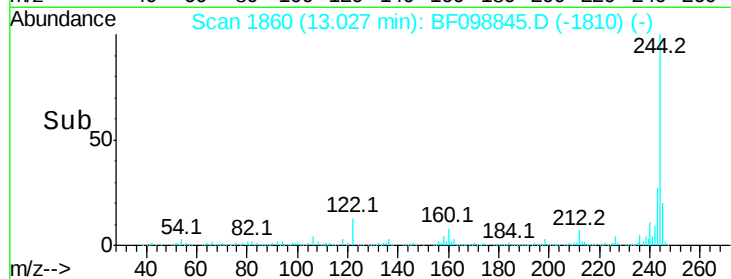
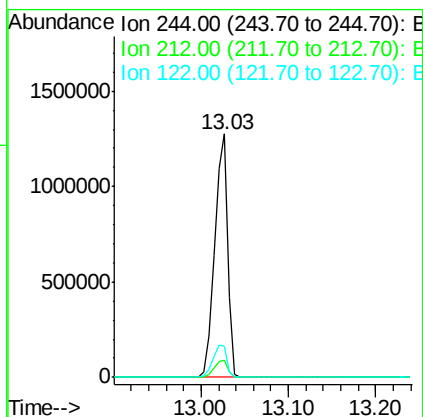
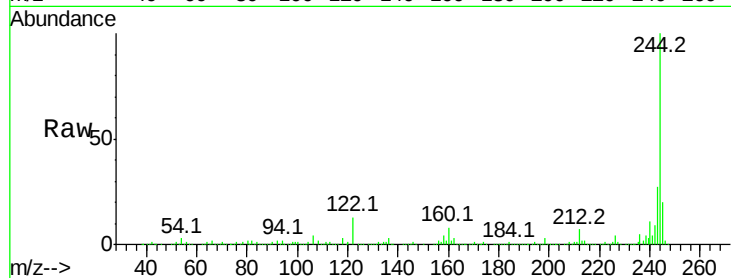




#78
 Terphenyl-d14
 Concen: 92.240 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Instrument :
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 092217-SIDI-F-D-B

Tot Ion:244 Resp: 1308521
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Tgt Ion:264 Resp: 308157
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.0 17.5 26.3

