

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098816.D
 Acq On : 26 Sep 2017 7:35
 Operator : SJ/JU
 Sample : I5384-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092017-TIDO-F-D-M

Quant Time: Sep 26 09:03:57 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	127459	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	532525	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	240881	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	395076	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	235740	20.00	ng	-0.01
86) Perylene-d12	15.56	264	227640	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	375907	46.95	ng	-0.01
7) Phenol-d6	6.53	99	277965	28.14	ng	-0.02
23) Nitrobenzene-d5	7.47	82	884241	106.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	191099	96.95	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1576201	109.24	ng	-0.01
78) Terphenyl-d14	13.02	244	1067543	102.99	ng	-0.01

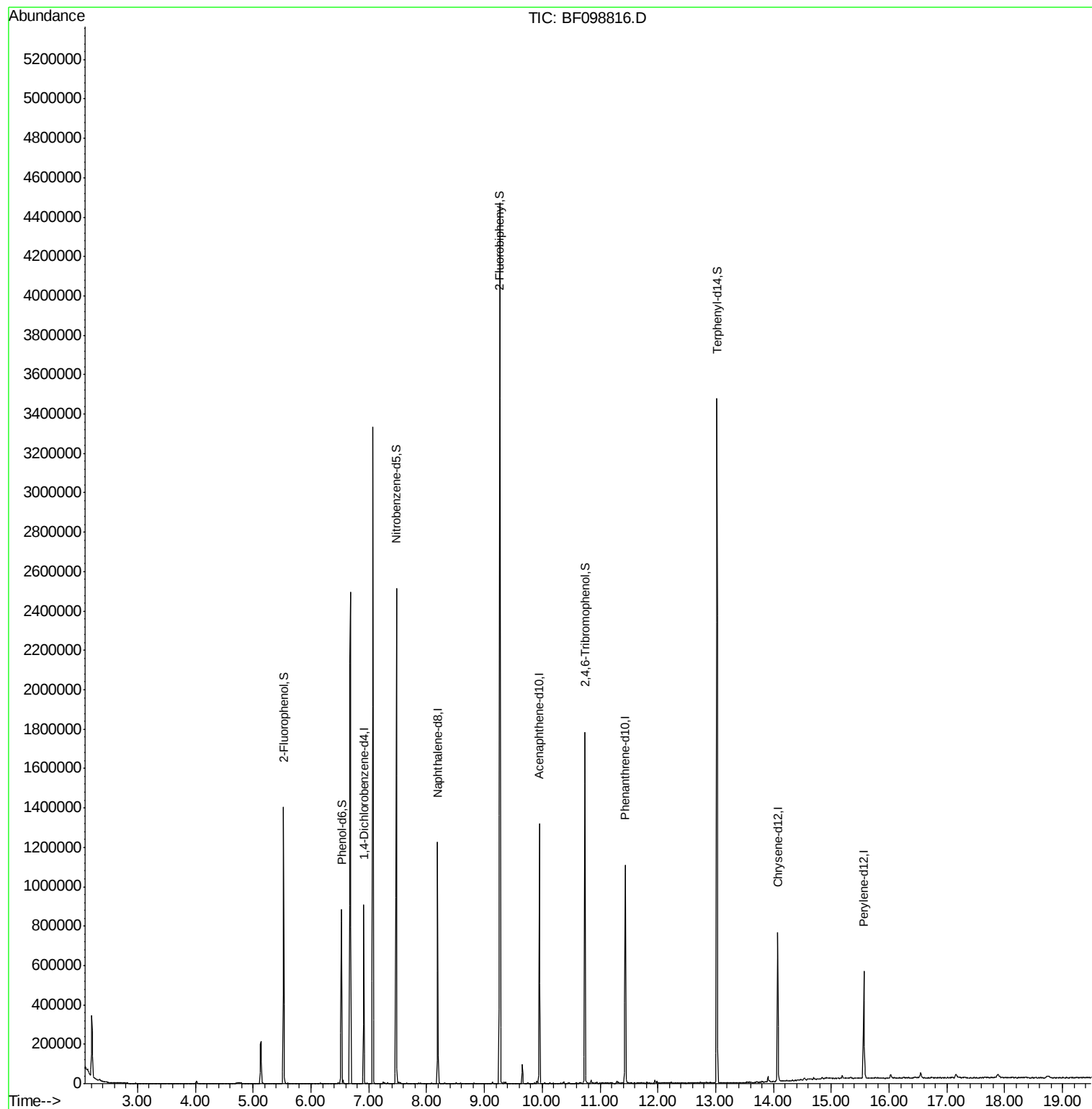
Target Compounds Qvalue

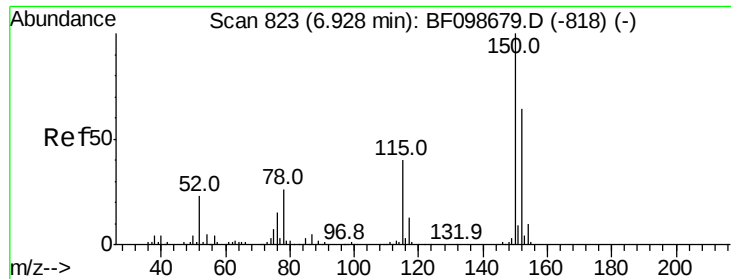
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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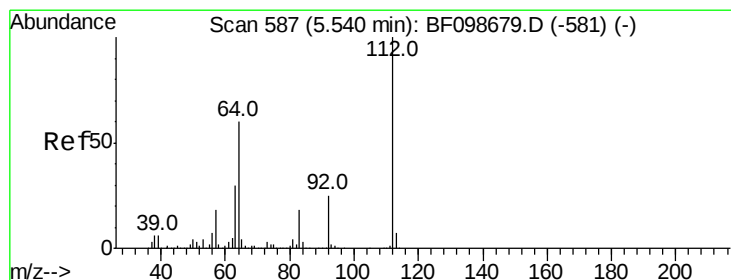
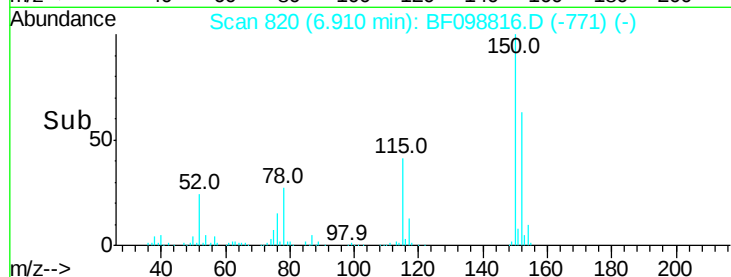
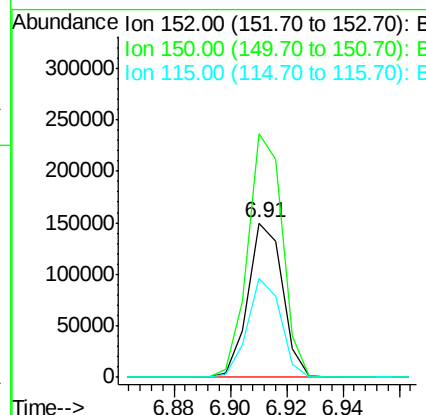
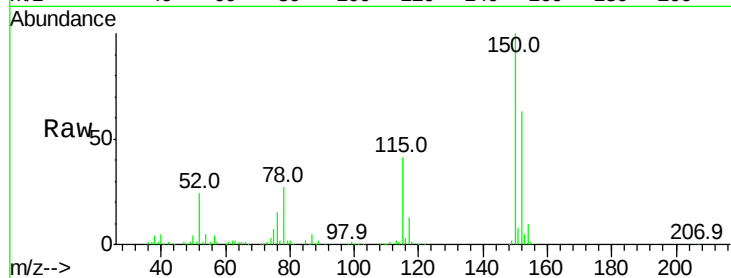


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098816.D
Acq: 26 Sep 2017 7:35

Instrument :
BNA_F
ClientSampleId :
092017-TIDO-F-D-M

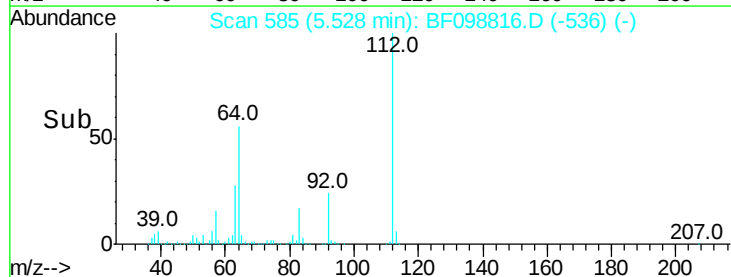
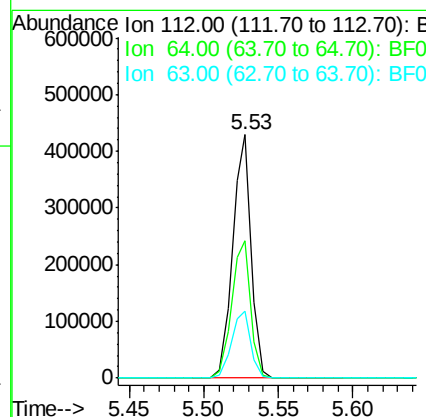
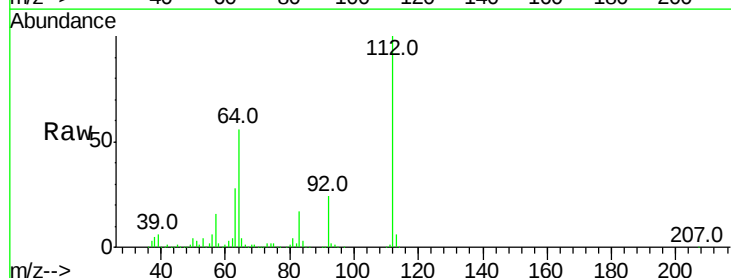
Tot Ion:152 Resp: 127459
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 64.2 50.1 75.1

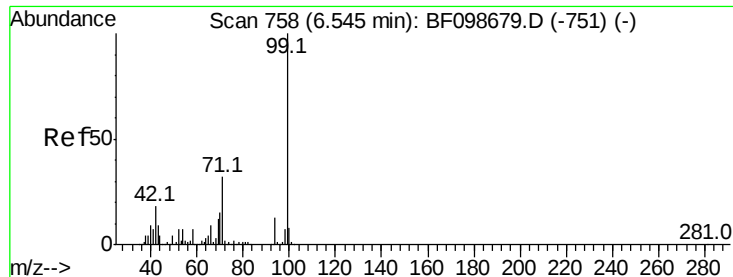


#5

2-Fluorophenol
Concen: 46.949 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098816.D
Acq: 26 Sep 2017 7:35

Tgt Ion:112 Resp: 375907
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 27.7 23.7 35.5





#7

Phenol-d6

Concen: 28.142 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098816.D

Acq: 26 Sep 2017 7:35

Instrument :

BNA_F

ClientSampleId :

092017-TIDO-F-D-M

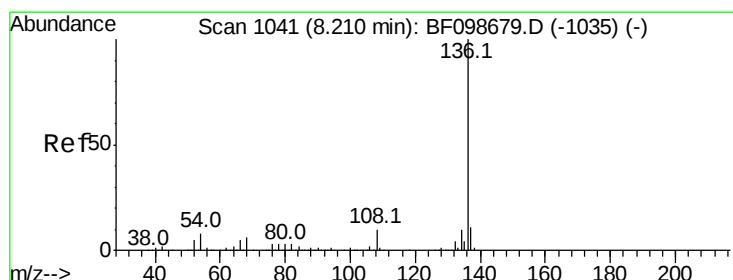
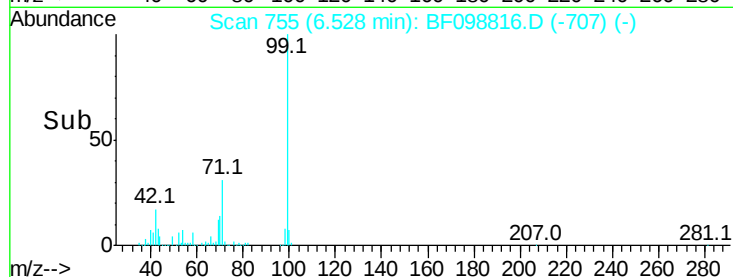
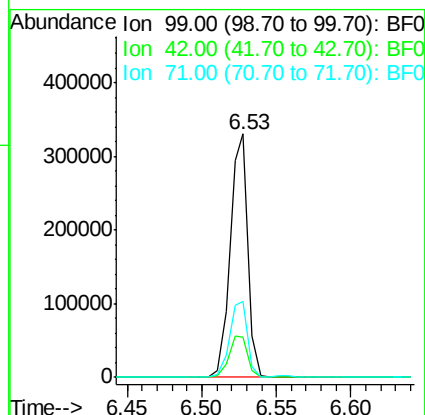
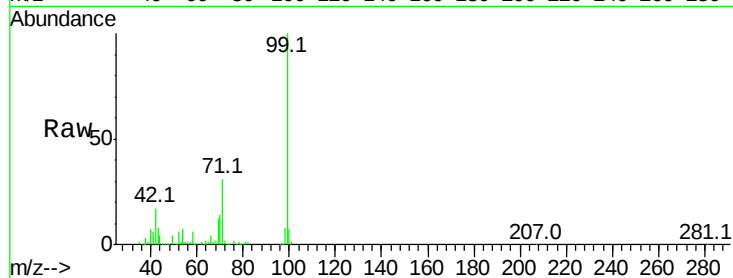
Tot Ion: 99 Resp: 277965

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 31.0 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: BF098816.D

Acq: 26 Sep 2017 7:35

Tgt Ion: 136 Resp: 532525

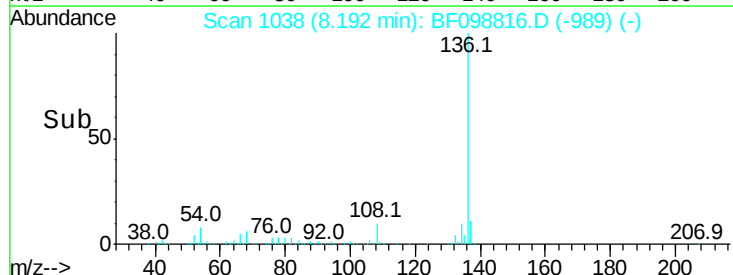
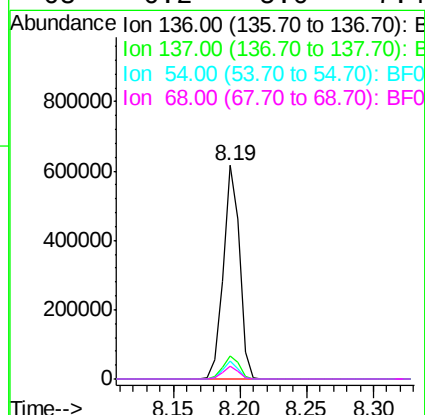
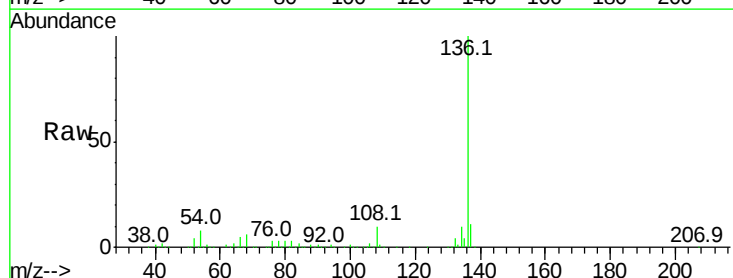
Ion Ratio Lower Upper

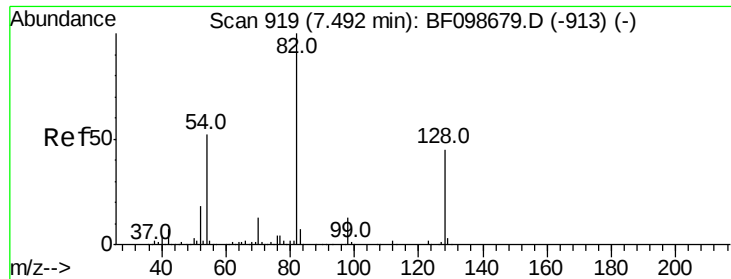
136 100

137 10.7 8.9 13.3

54 8.2 6.6 9.8

68 6.2 5.0 7.4

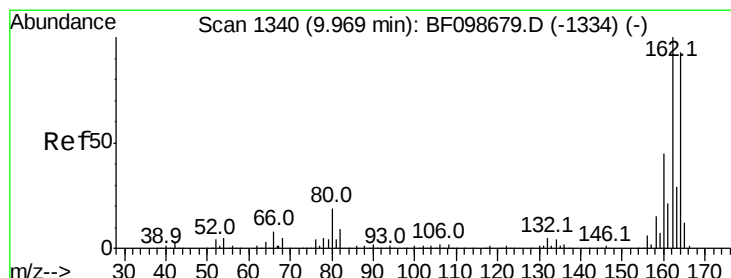
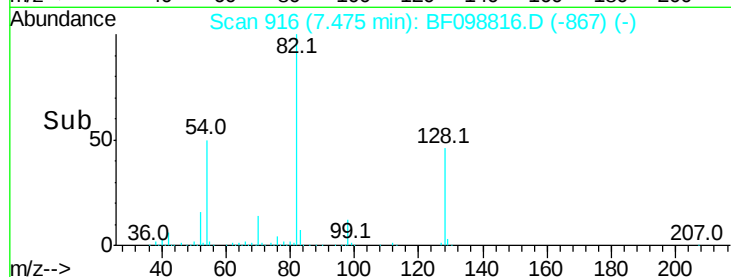
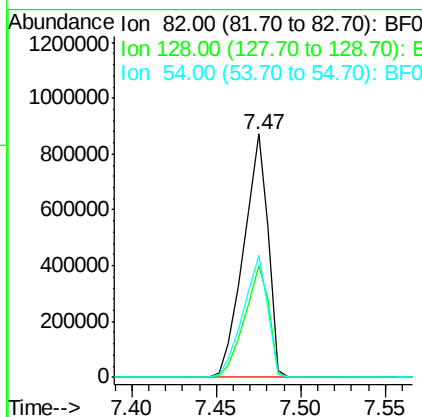
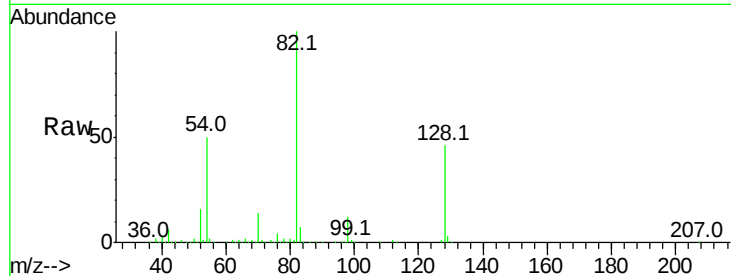




#23
 Nitrobenzene-d5
 Concen: 106.486 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098816.D
 Acq: 26 Sep 2017 7:35

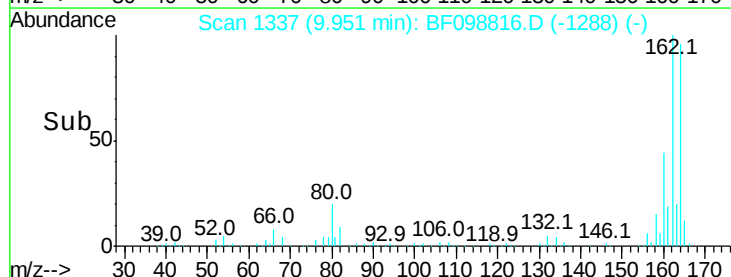
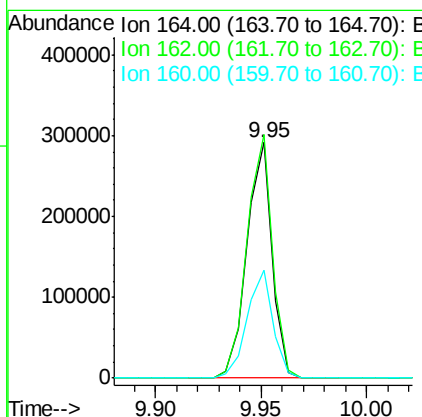
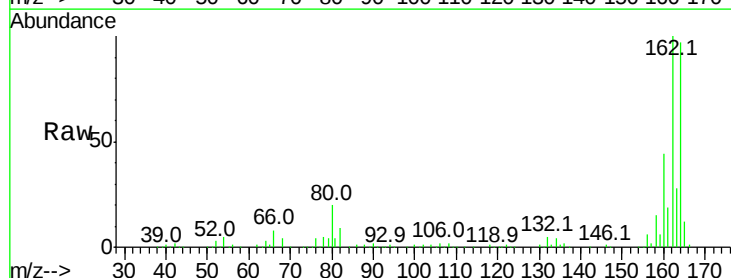
Instrument :
 BNA_F
 ClientSampleId :
 092017-TIDO-F-D-M

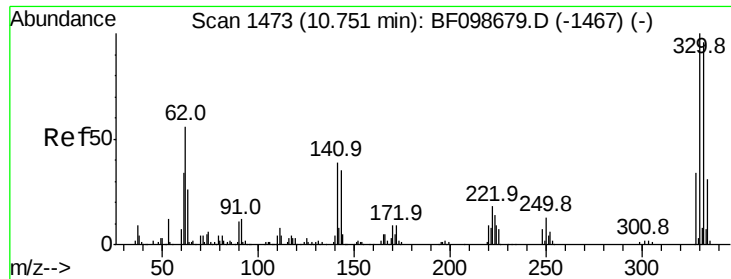
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	50.0	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098816.D
 Acq: 26 Sep 2017 7:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.7	38.3	57.5

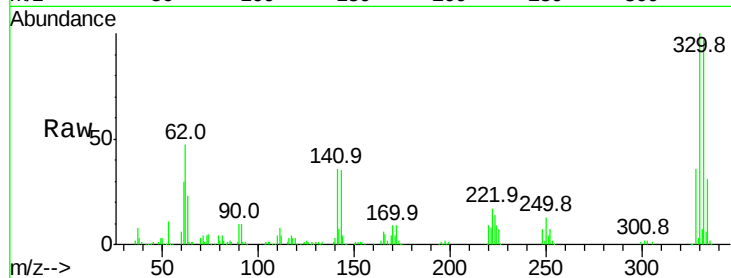




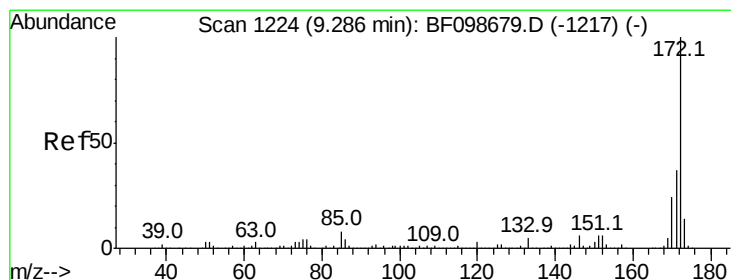
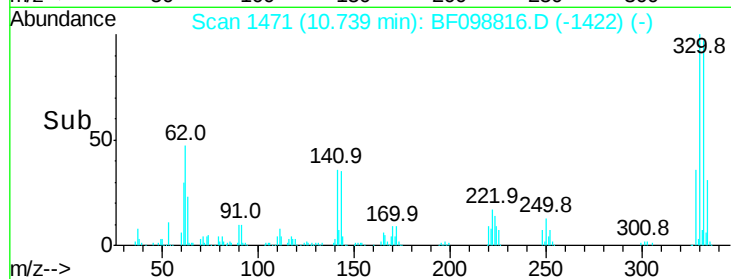
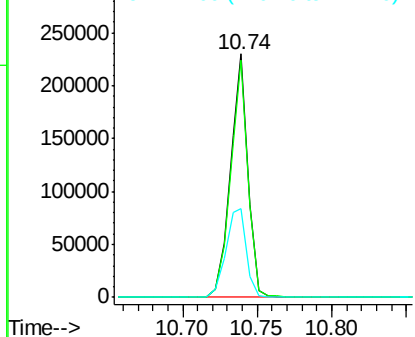
#41
 2,4,6-Tribromophenol
 Concen: 96.952 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098816.D
 Acq: 26 Sep 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :
 092017-TIDO-F-D-M

Tot Ion:330 Resp: 191099
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 42.6 29.9 44.9

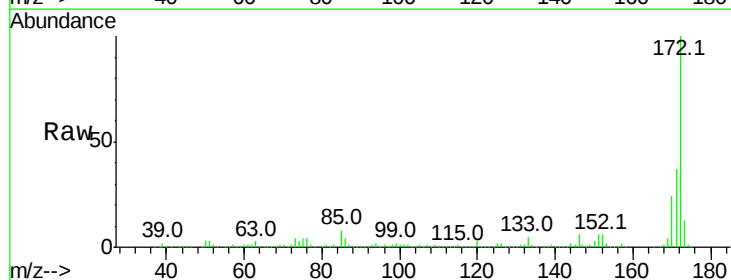


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

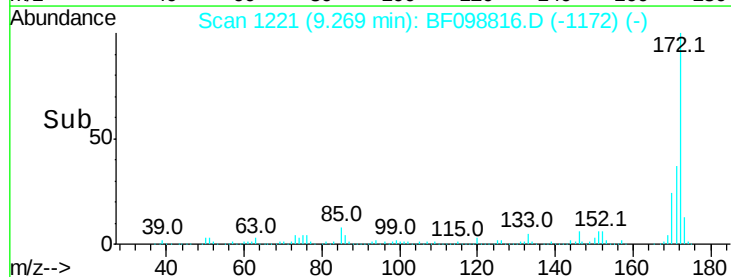
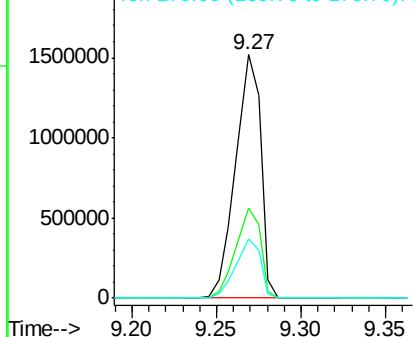


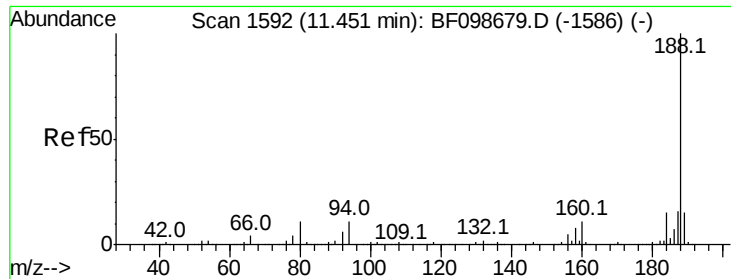
#44
 2-Fluorobiphenyl
 Concen: 109.238 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098816.D
 Acq: 26 Sep 2017 7:35

Tgt Ion:172 Resp: 1576201
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.3 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

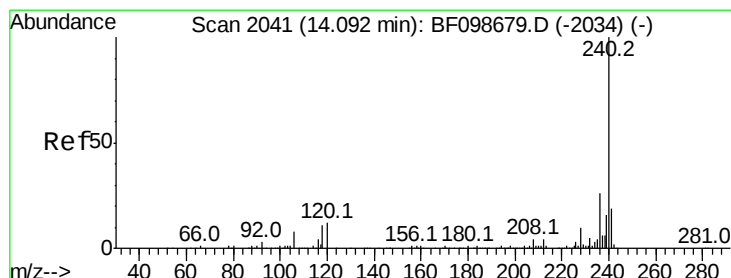
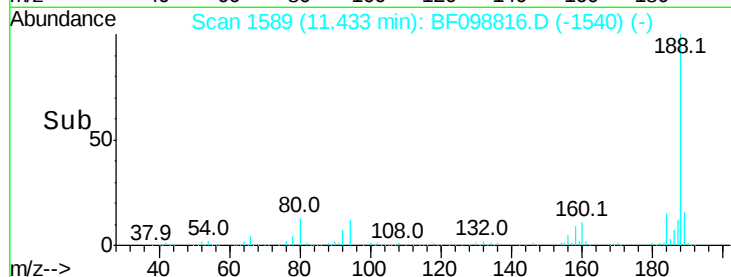
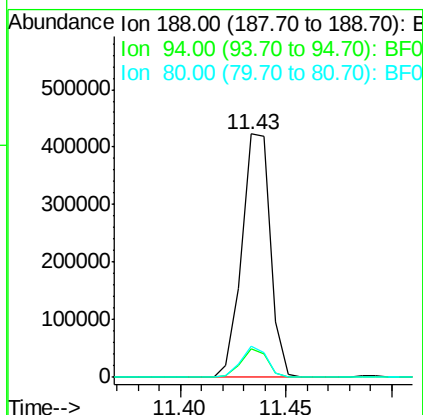
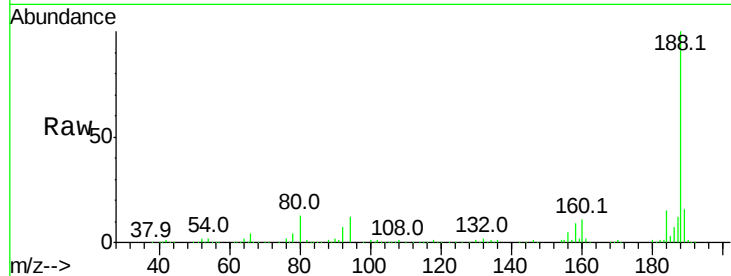




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098816.D
Acq: 26 Sep 2017 7:35

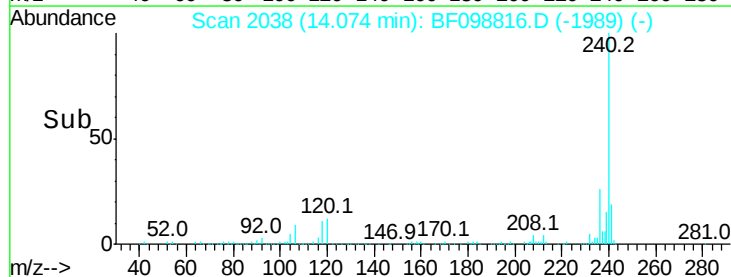
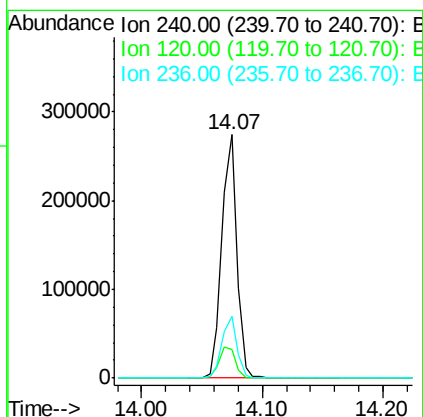
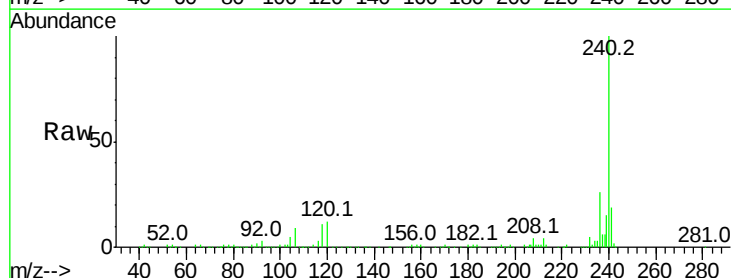
Instrument :
BNA_F
ClientSampleId :
092017-TIDO-F-D-M

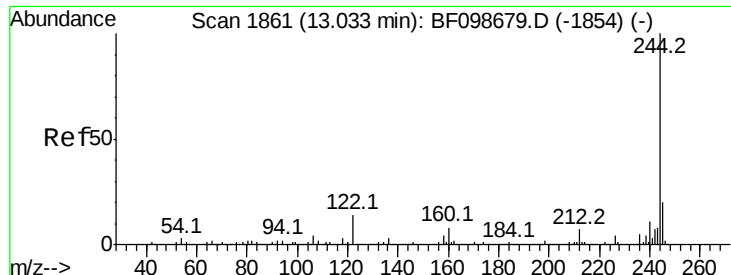
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	13.0	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098816.D
Acq: 26 Sep 2017 7:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.5	20.7	31.1





#78

Terphenyl-d14

Concen: 102.987 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098816.D

Acq: 26 Sep 2017 7:35

Instrument :

BNA_F

ClientSampleId :

092017-TIDO-F-D-M

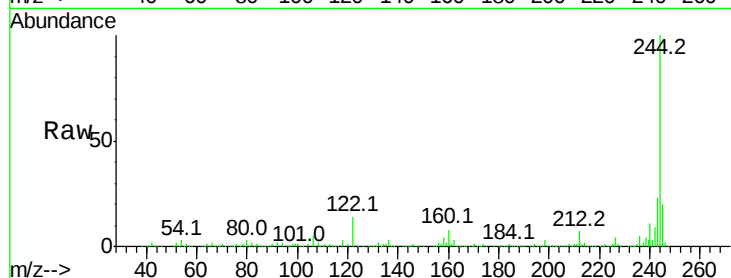
Tot Ion:244 Resp: 1067543

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

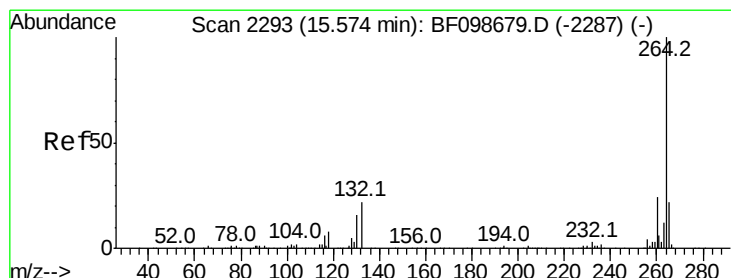
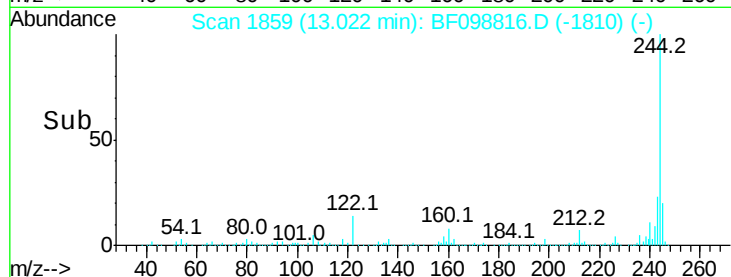
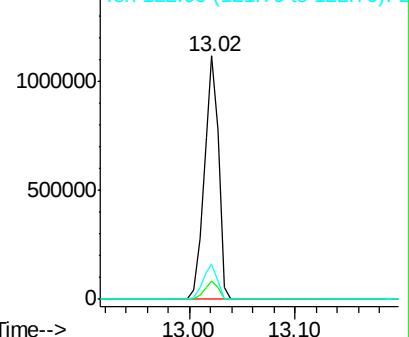
122 14.3 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098816.D

Acq: 26 Sep 2017 7:35

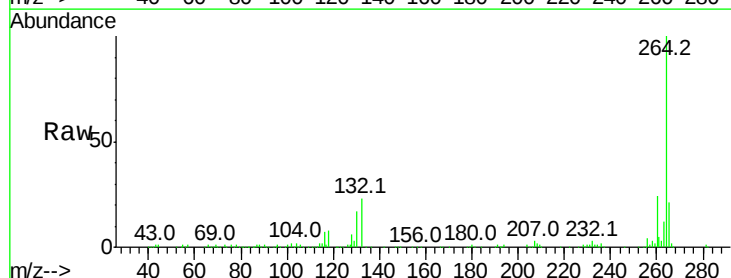
Tgt Ion:264 Resp: 227640

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 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

