

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098211.D
 Acq On : 31 Aug 2017 22:59
 Operator : SJ/JU
 Sample : I4963-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3830-PA2

Quant Time: Sep 01 04:22:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125827	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	522999	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	250158	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	487633	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	307338	20.00	ng	-0.03
86) Perylene-d12	15.29	264	233205	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	464965	56.21	ng	-0.02
7) Phenol-d6	6.36	99	404545	35.99	ng	-0.02
23) Nitrobenzene-d5	7.29	82	838622	87.11	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	276319	127.30	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1303885	76.58	ng	-0.03
78) Terphenyl-d14	12.83	244	1183121	80.28	ng	-0.02

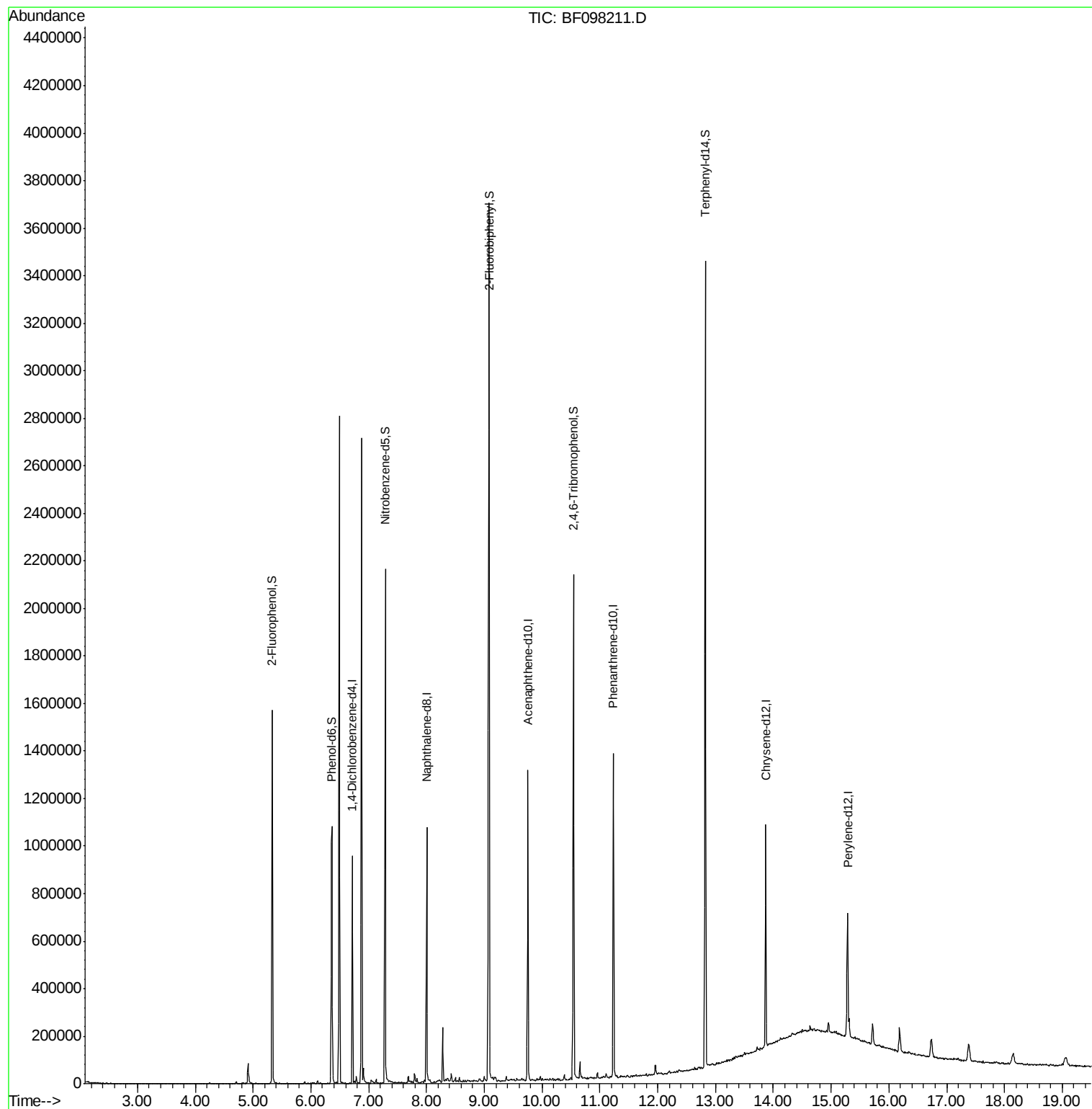
Target Compounds Qvalue

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

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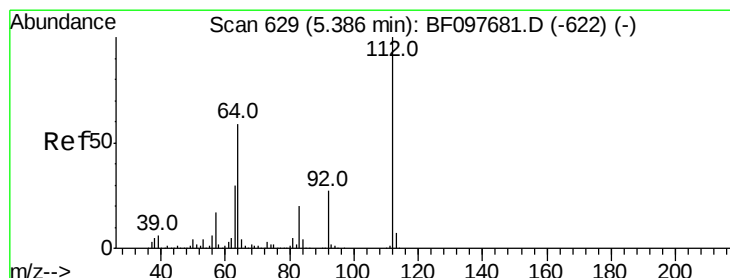
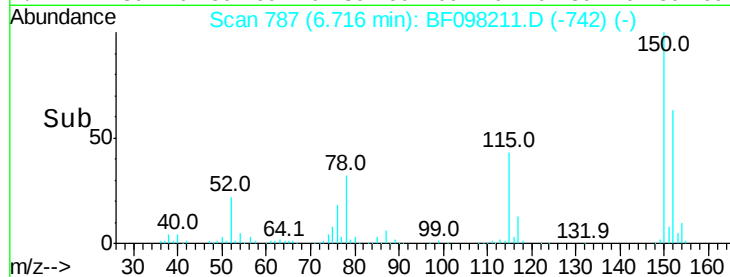
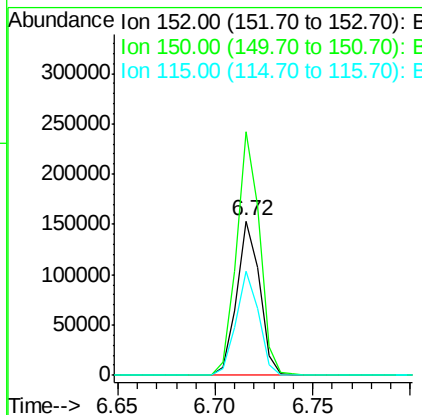
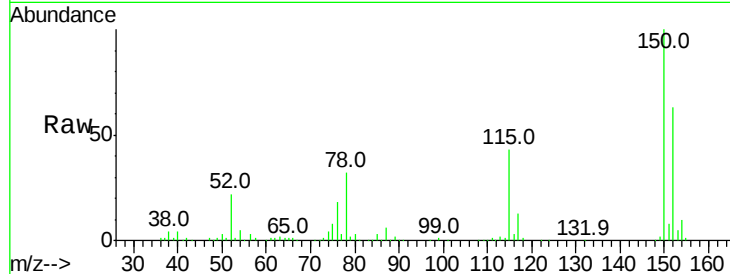


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF098211.D
 Acq: 31 Aug 2017 22:59

Instrument :
 BNA_F
 ClientSampleId :
 3830-PA2

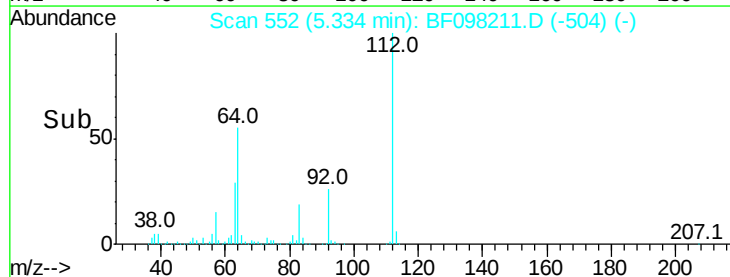
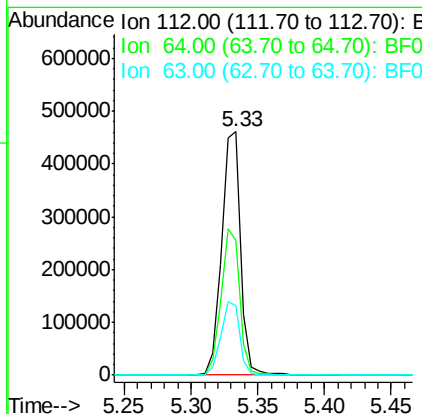
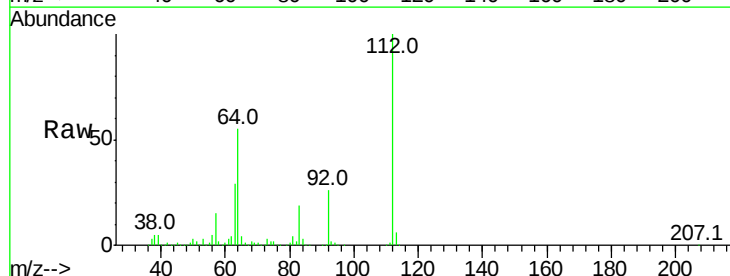
Tot Ion:152 Resp: 125827
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.2 189.2
 115 67.3 52.2 78.2

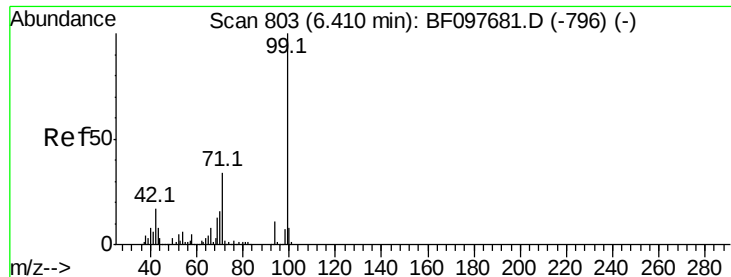


#5

2-Fluorophenol
 Concen: 56.208 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF098211.D
 Acq: 31 Aug 2017 22:59

Tgt Ion:112 Resp: 464965
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.0 69.0
 63 28.6 23.4 35.0





#7

Phenol-d6

Concen: 35.993 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098211.D

Acq: 31 Aug 2017 22:59

Instrument :

BNA_F

ClientSampleId :

3830-PA2

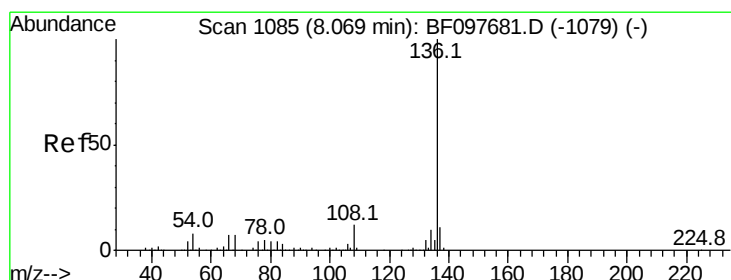
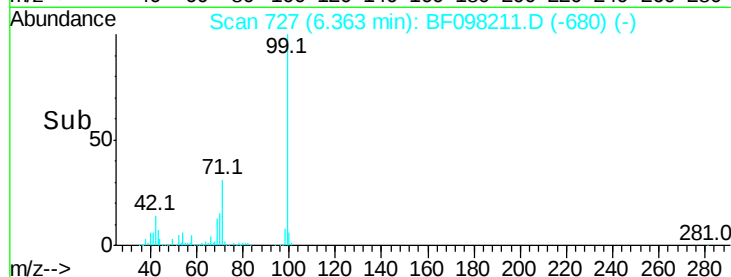
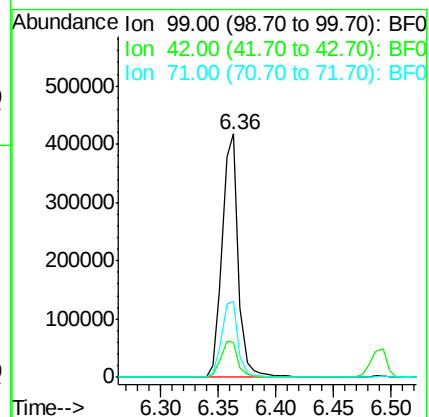
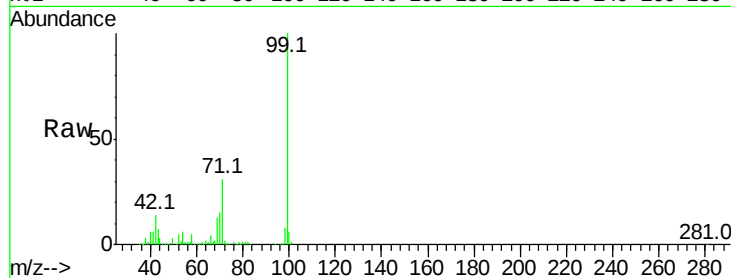
Tot Ion: 99 Resp: 404545

Ion Ratio Lower Upper

99 100

42 14.3 13.5 20.3

71 31.3 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF098211.D

Acq: 31 Aug 2017 22:59

Tgt Ion: 136 Resp: 522999

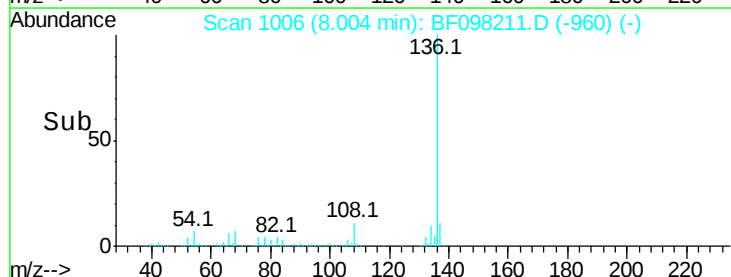
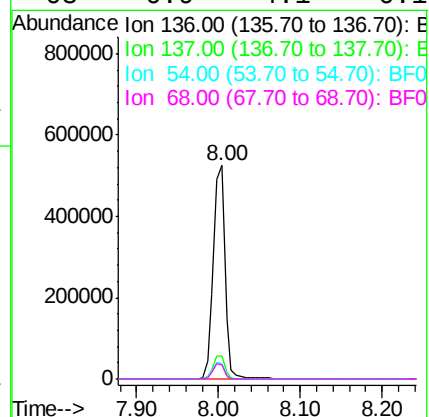
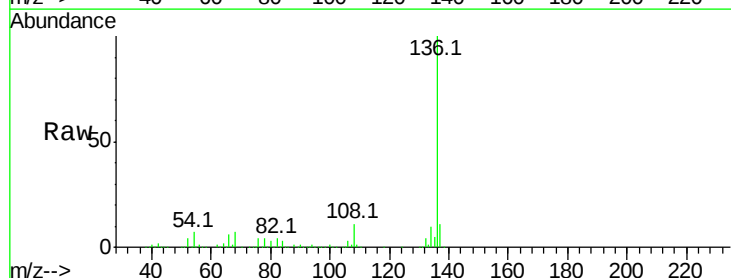
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 6.9 4.1 6.1#

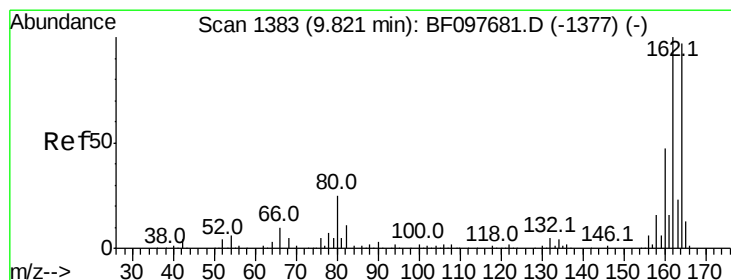
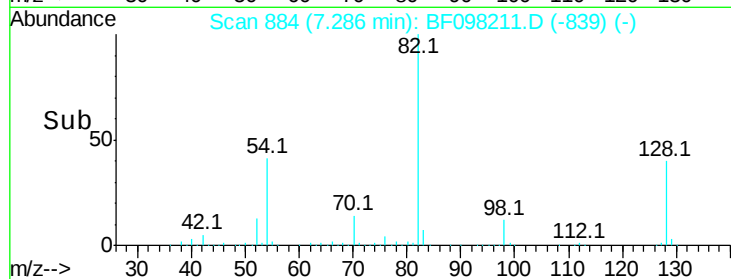
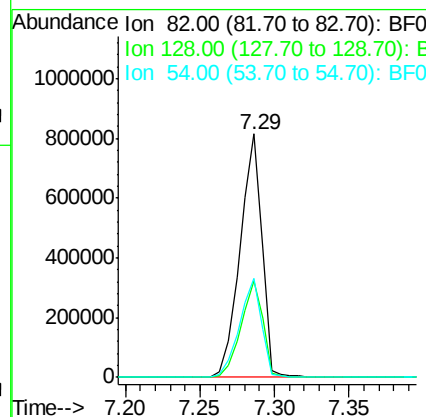
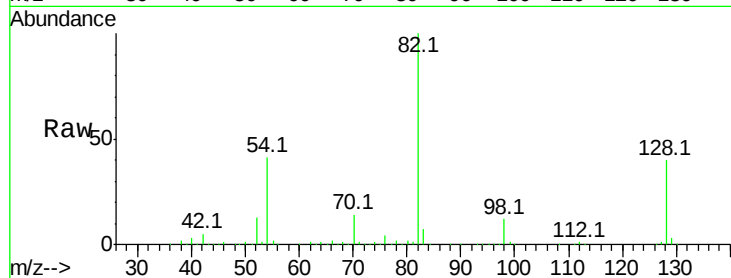




#23
 Nitrobenzene-d5
 Concen: 87.109 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098211.D
 Acq: 31 Aug 2017 22:59

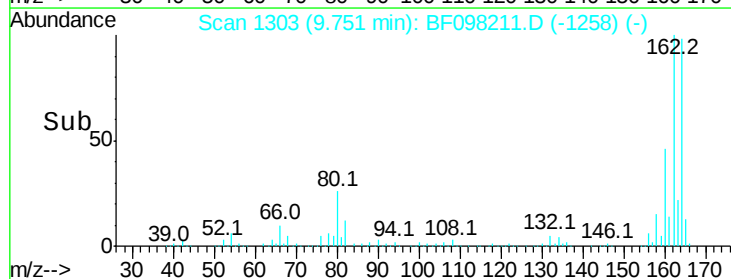
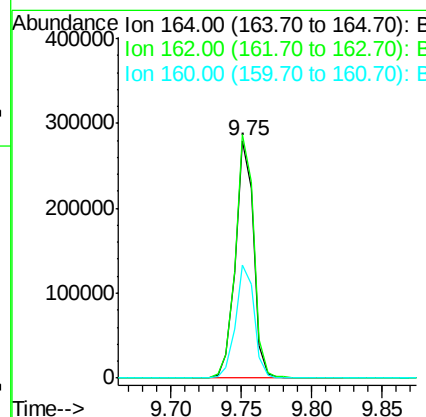
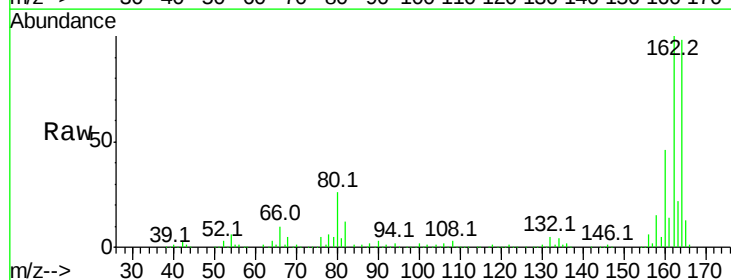
Instrument :
 BNA_F
 ClientSampled :
 3830-PA2

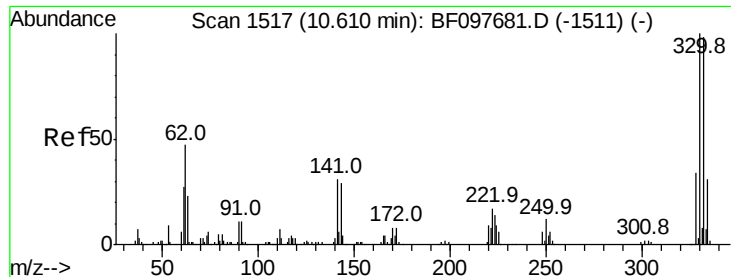
Tot Ion	82	Resp	838622
Ion Ratio	100	Lower	Upper
128	39.8	34.0	51.0
54	40.5	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098211.D
 Acq: 31 Aug 2017 22:59

Tgt Ion	164	Resp	250158
Ion Ratio	100	Lower	Upper
162	102.6	82.6	123.8
160	47.5	36.2	54.2

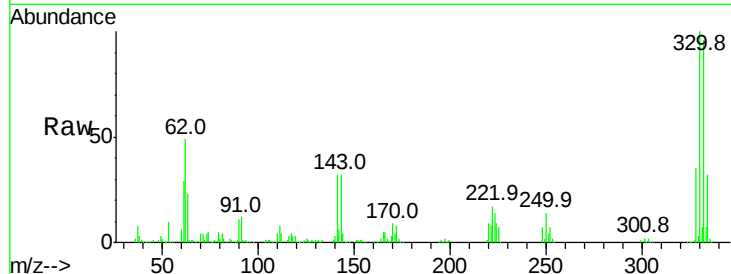




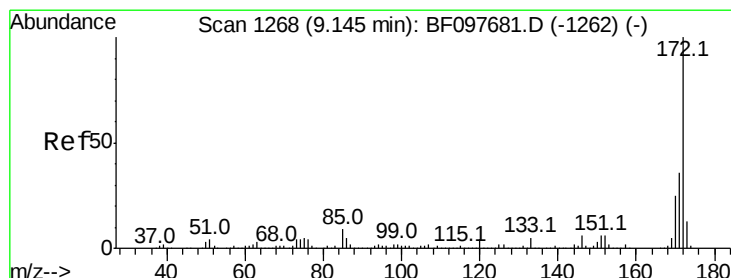
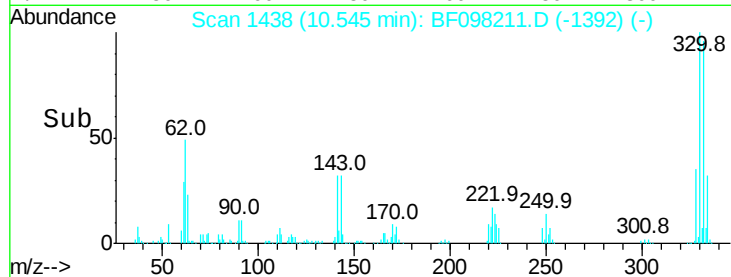
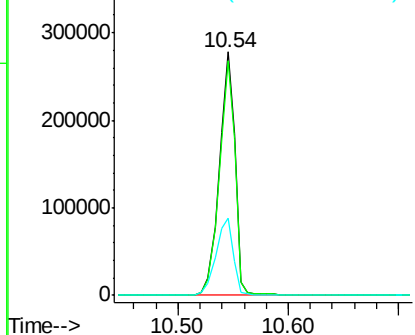
#41
 2,4,6-Tribromophenol
 Concen: 127.305 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098211.D
 Acq: 31 Aug 2017 22:59

Instrument :
 BNA_F
 ClientSampleId :
 3830-PA2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	34.9	31.4	47.2

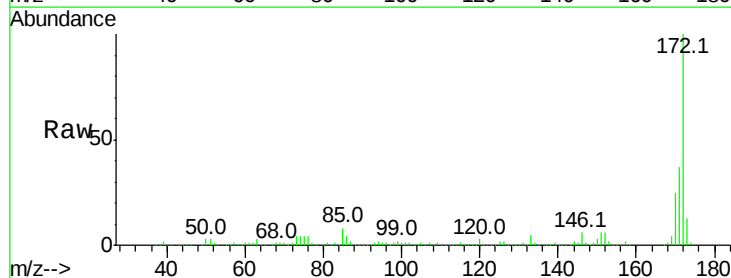


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

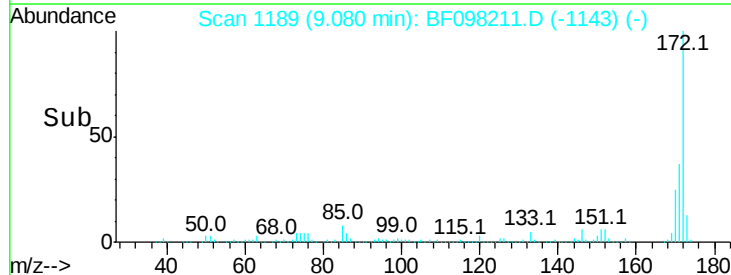
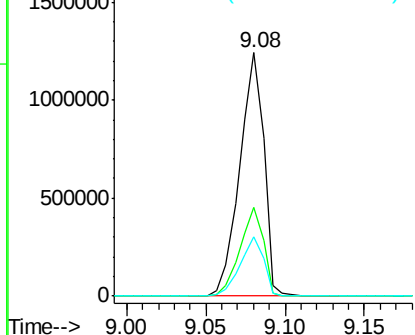


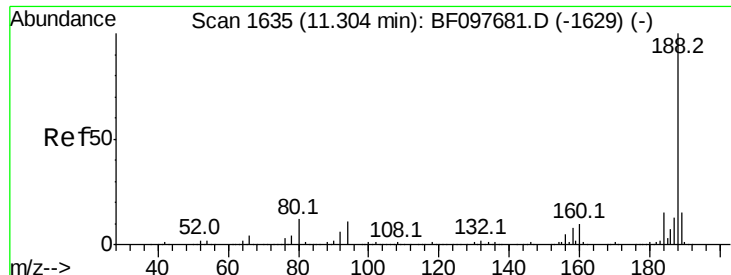
#44
 2-Fluorobiphenyl
 Concen: 76.579 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098211.D
 Acq: 31 Aug 2017 22:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.5	19.8	29.8



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

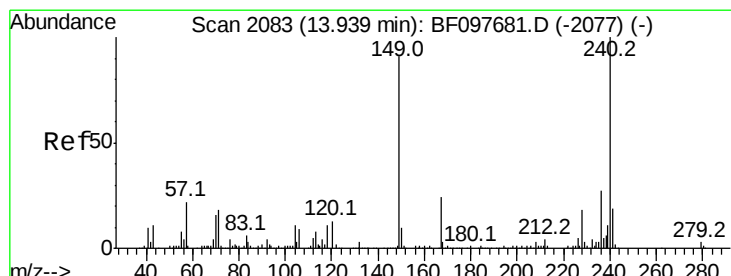
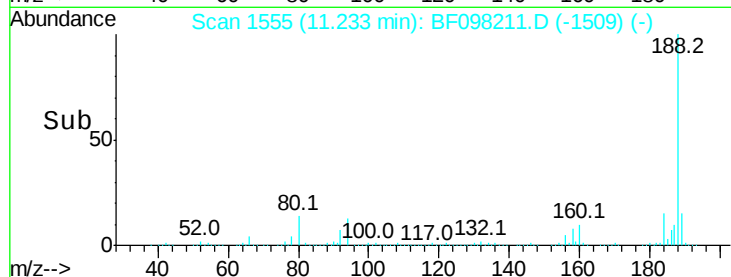
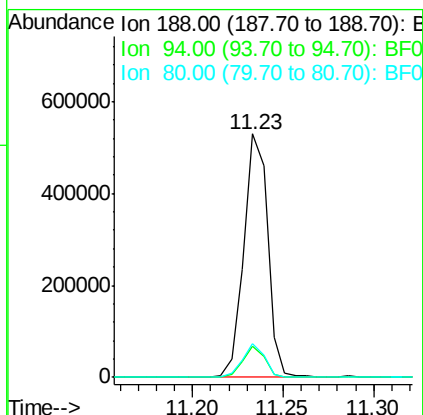
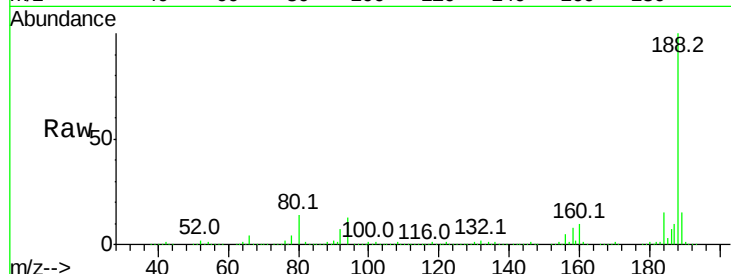




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

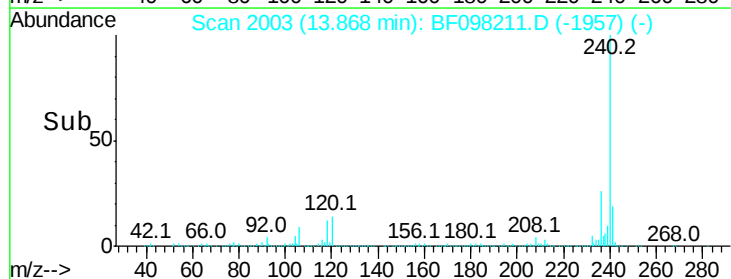
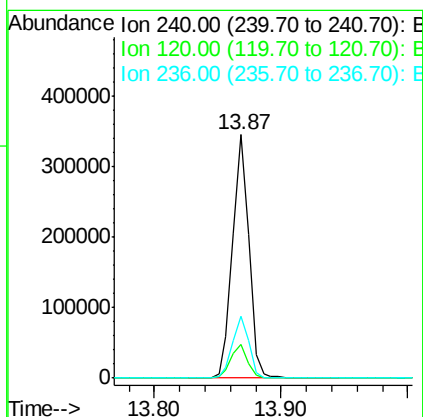
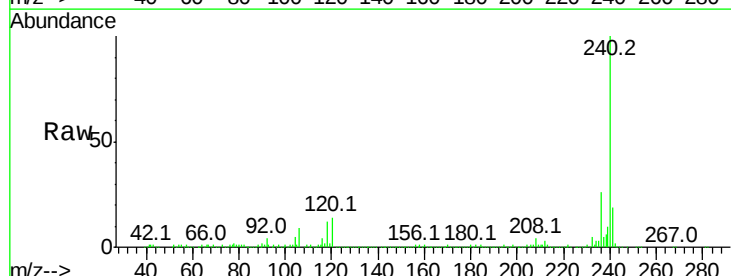
Instrument :
BNA_F
ClientSampleId :
3830-PA2

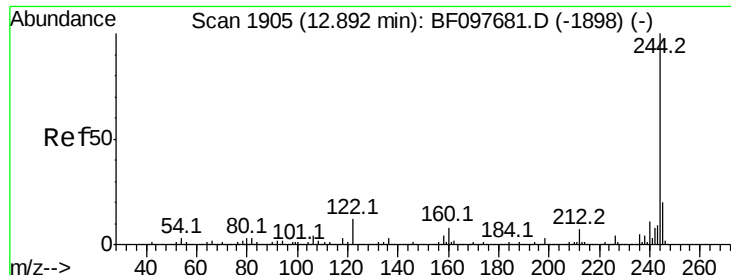
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	13.7	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.6	20.5	30.7





#78

Terphenyl-d14

Concen: 80.277 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098211.D

Acq: 31 Aug 2017 22:59

Instrument :

BNA_F

ClientSampled :

3830-PA2

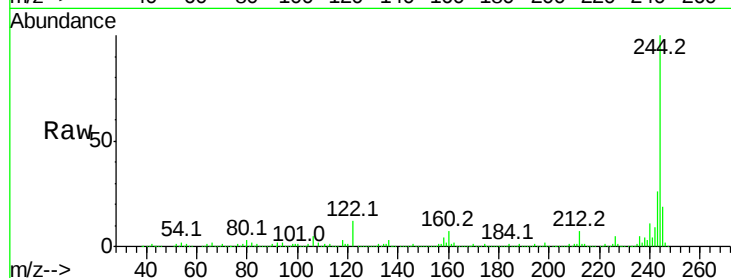
Tot Ion:244 Resp: 1183121

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

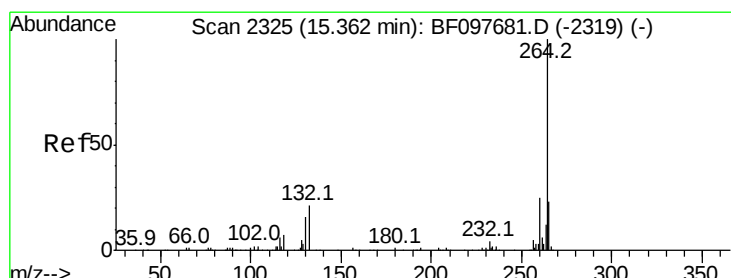
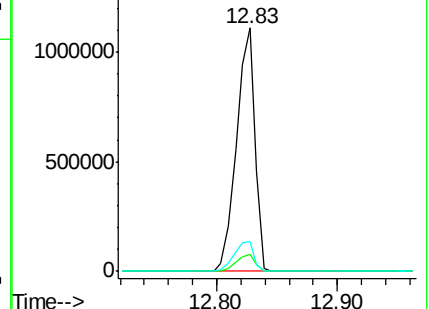
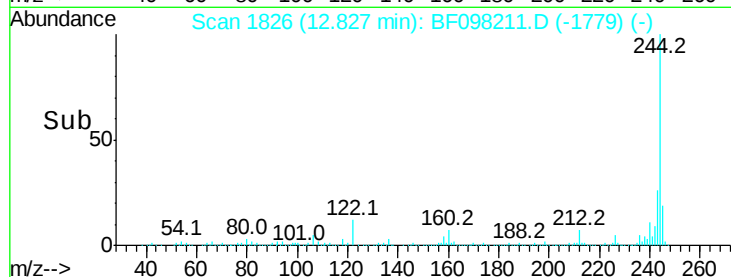
122 12.4 10.3 15.5



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: 15.29 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BF098211.D

Acq: 31 Aug 2017 22:59

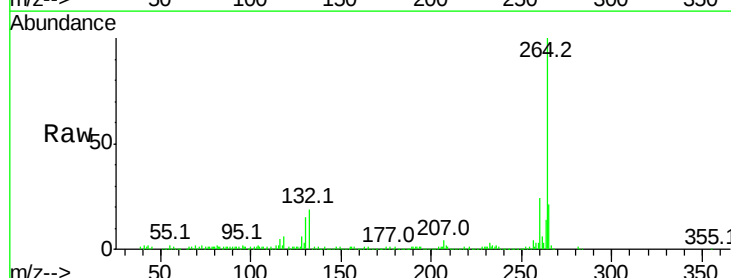
Tgt Ion:264 Resp: 233205

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.2 17.2 25.8



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

