

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098207.D
 Acq On : 31 Aug 2017 21:08
 Operator : SJ/JU
 Sample : I4963-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3833-PA4

Quant Time: Sep 01 04:05:45 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	122218	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	497964	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	227224	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	414266	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	260921	20.00	ng	-0.03
86) Perylene-d12	15.29	264	232731	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	628747	78.25	ng	-0.03
7) Phenol-d6	6.36	99	603514	55.28	ng	-0.03
23) Nitrobenzene-d5	7.29	82	813934	88.79	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	276789	140.39	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1247699	80.67	ng	-0.03
78) Terphenyl-d14	12.82	244	999959	79.92	ng	-0.03

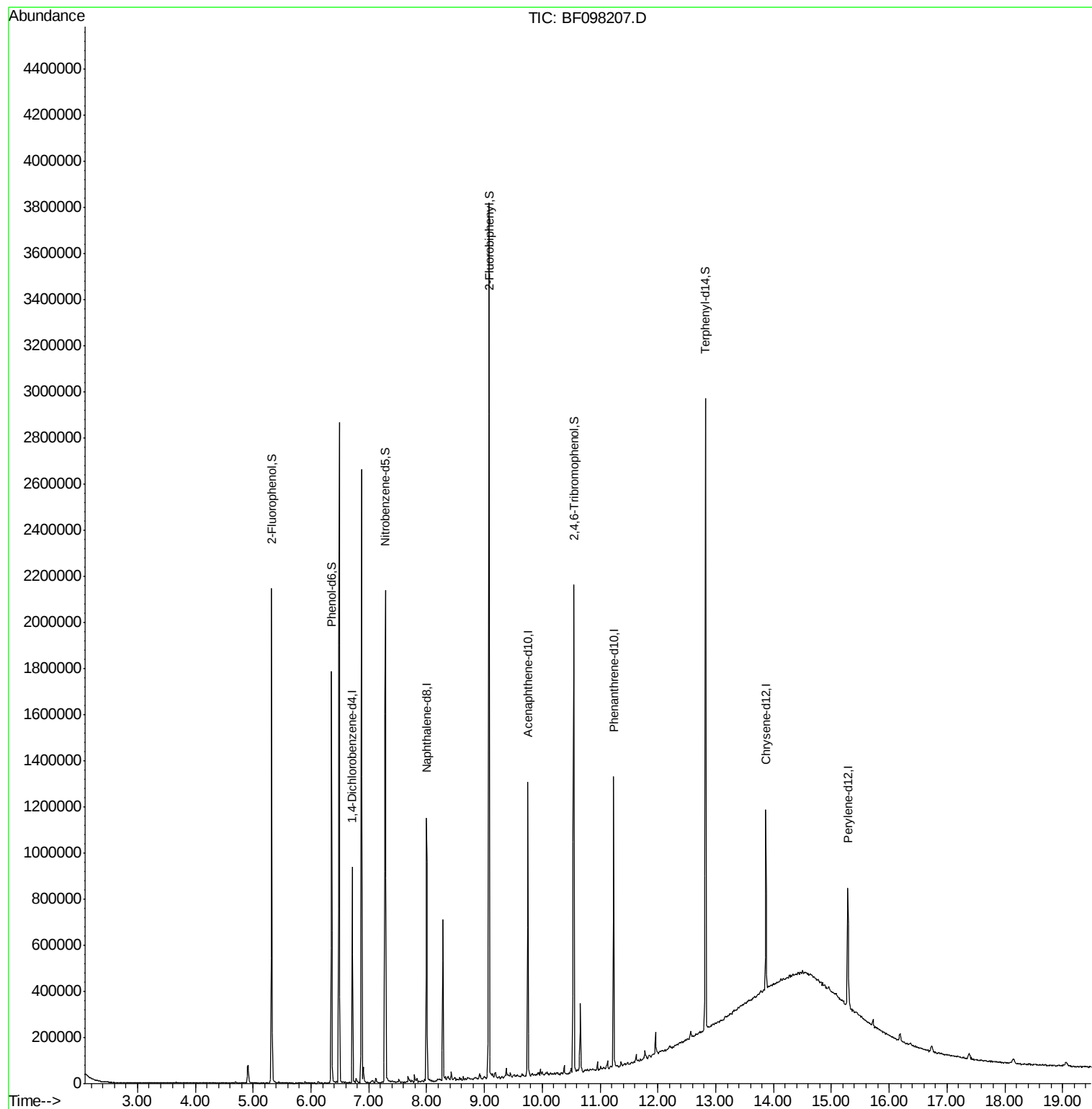
Target Compounds Qvalue

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

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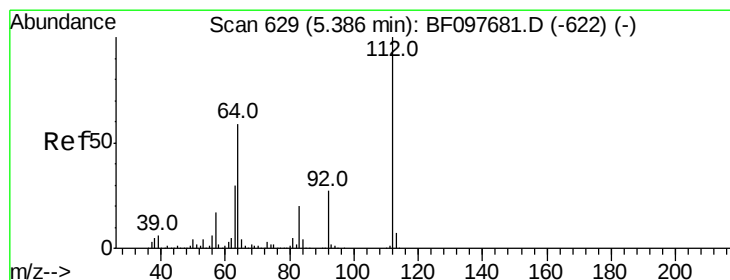
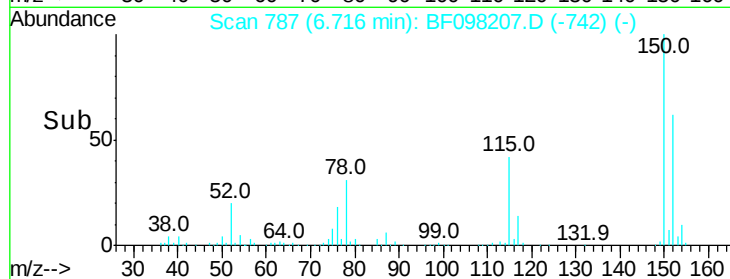
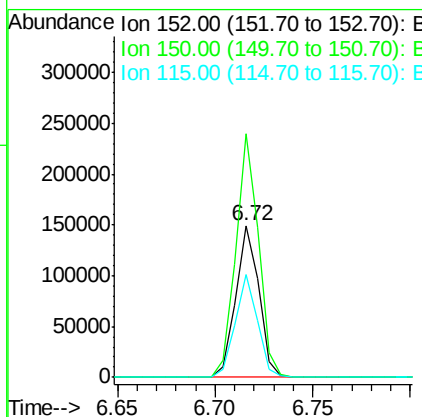
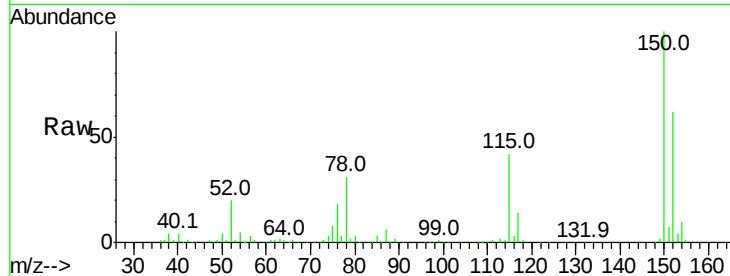


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF098207.D
 Acq: 31 Aug 2017 21:08

Instrument :
 BNA_F
 ClientSampleId :
 3833-PA4

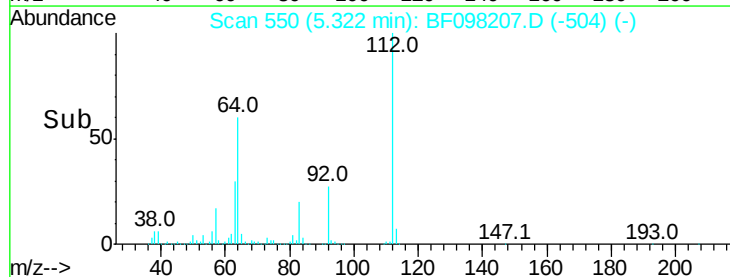
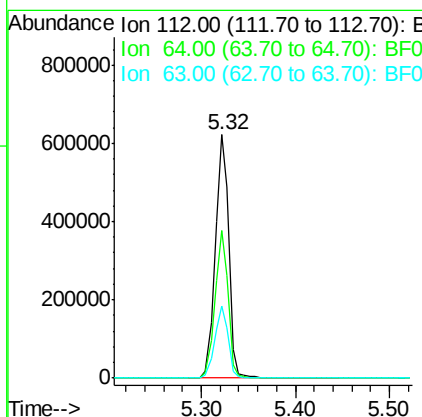
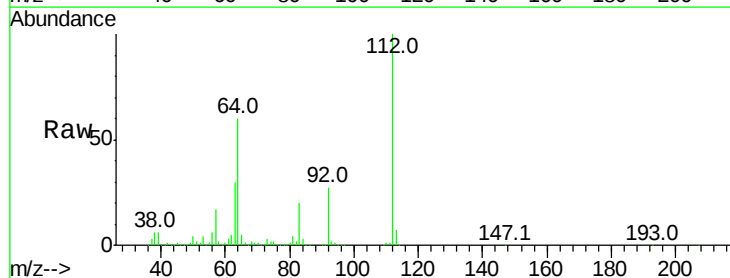
Tot Ion:152 Resp: 122218
 Ion Ratio Lower Upper
 152 100
 150 160.3 126.2 189.2
 115 67.7 52.2 78.2

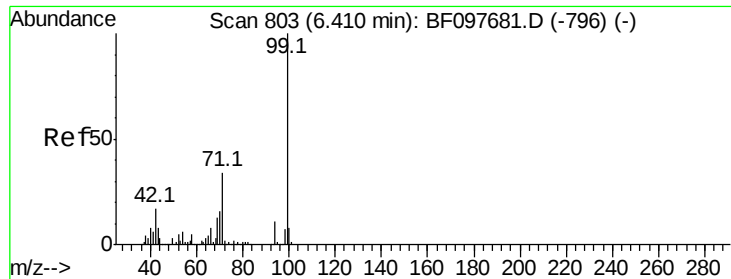


#5

2-Fluorophenol
 Concen: 78.251 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.03 min
 Lab File: BF098207.D
 Acq: 31 Aug 2017 21:08

Tgt Ion:112 Resp: 628747
 Ion Ratio Lower Upper
 112 100
 64 60.5 46.0 69.0
 63 29.7 23.4 35.0





#7

Phenol-d6

Concen: 55.281 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098207.D

Acq: 31 Aug 2017 21:08

Instrument :

BNA_F

ClientSampleId :

3833-PA4

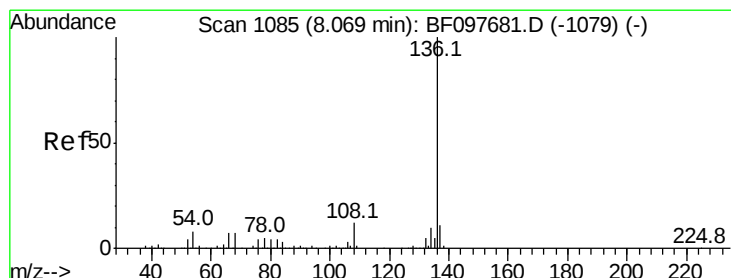
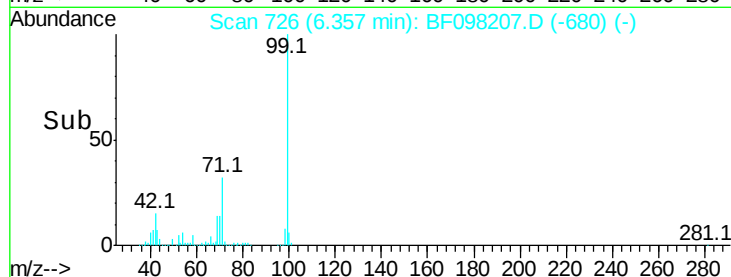
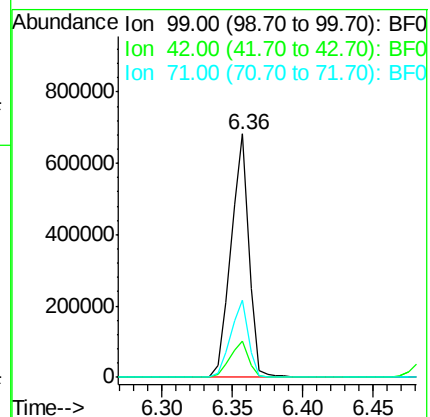
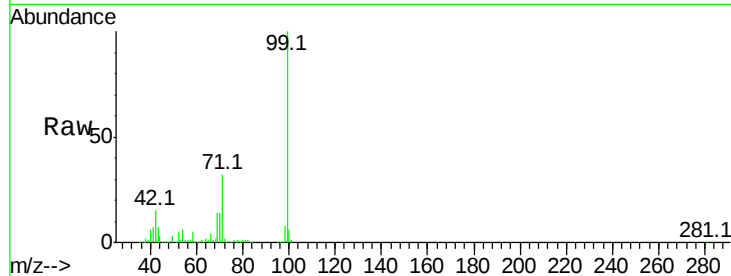
Tot Ion: 99 Resp: 603514

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

71 31.6 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.04 min

Lab File: BF098207.D

Acq: 31 Aug 2017 21:08

Tgt Ion: 136 Resp: 497964

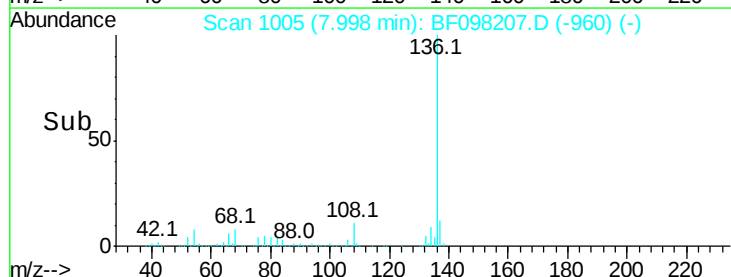
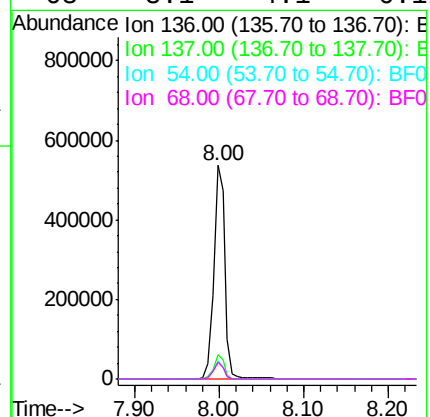
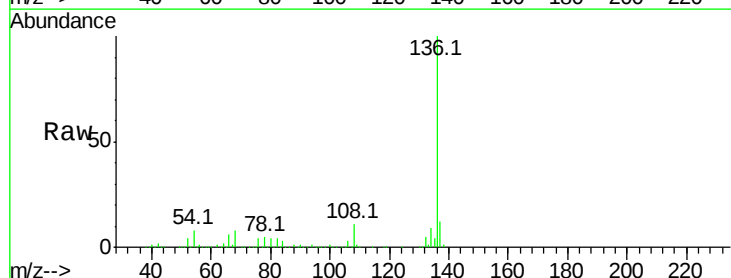
Ion Ratio Lower Upper

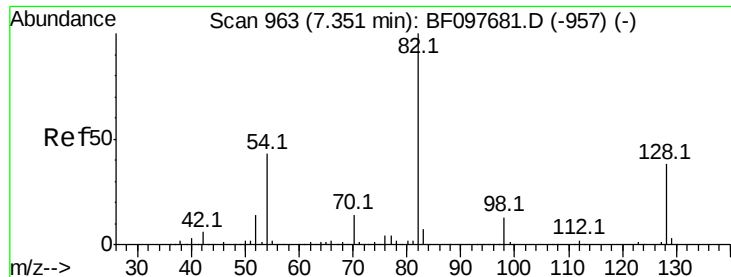
136 100

137 11.7 8.5 12.7

54 8.4 4.9 7.3#

68 8.1 4.1 6.1#

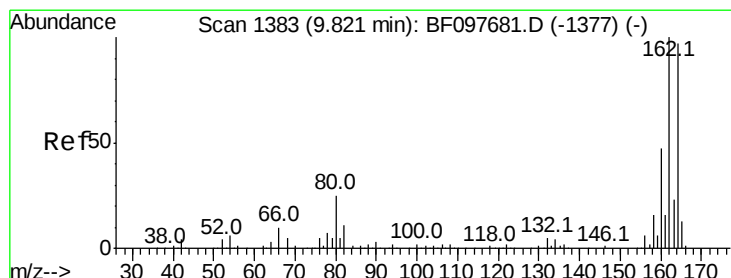
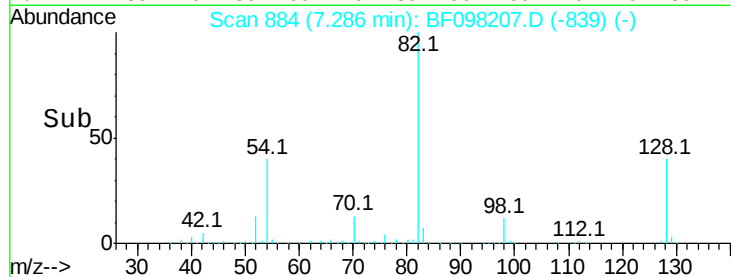
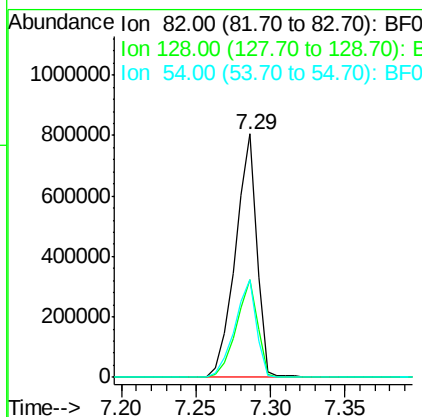
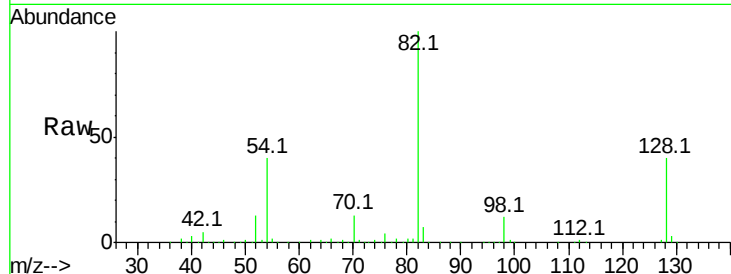




#23
 Nitrobenzene-d5
 Concen: 88.795 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098207.D
 Acq: 31 Aug 2017 21:08

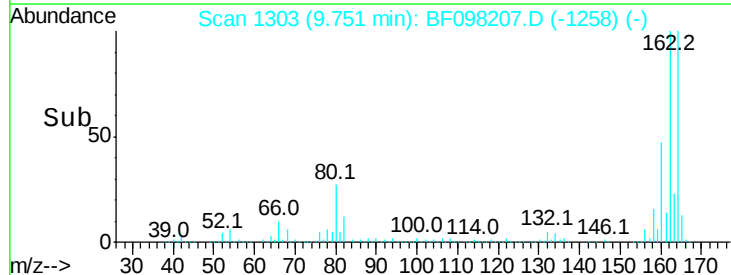
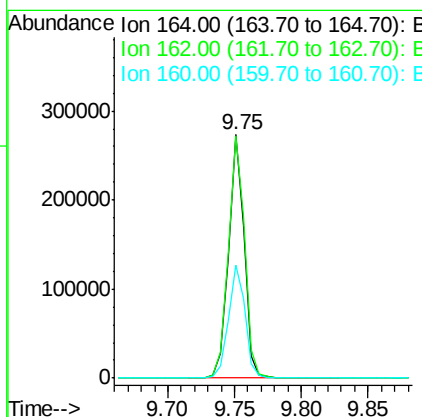
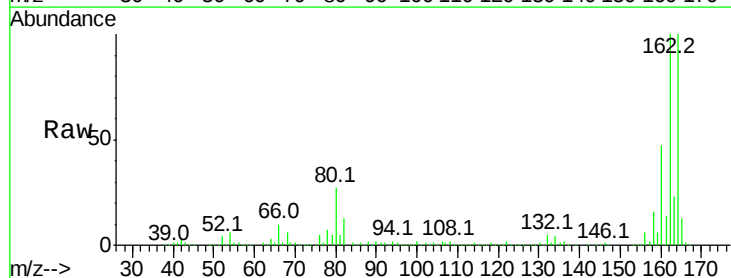
Instrument :
 BNA_F
 ClientSampleId :
 3833-PA4

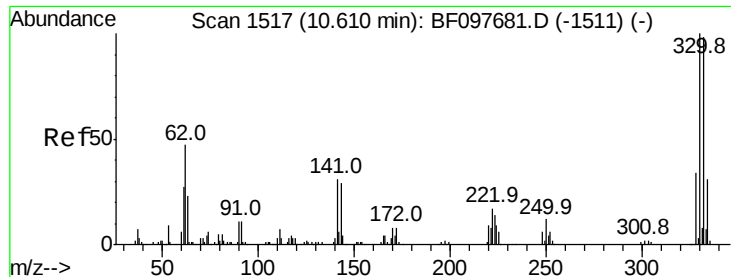
Tot Ion: 82 Resp: 813934
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.0 51.0
 54 40.2 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098207.D
 Acq: 31 Aug 2017 21:08

Tgt Ion:164 Resp: 227224
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.6 123.8
 160 46.6 36.2 54.2

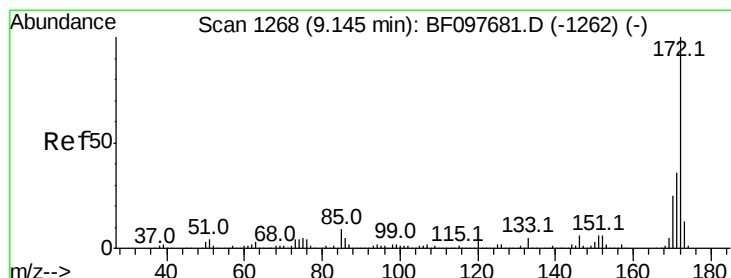
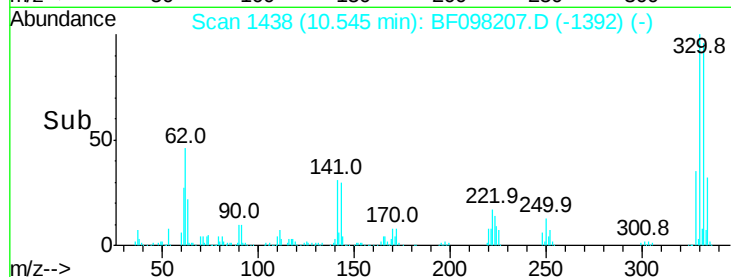
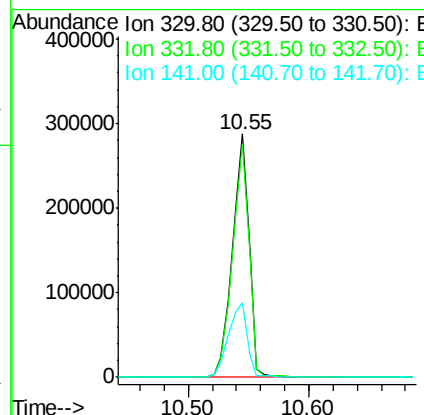
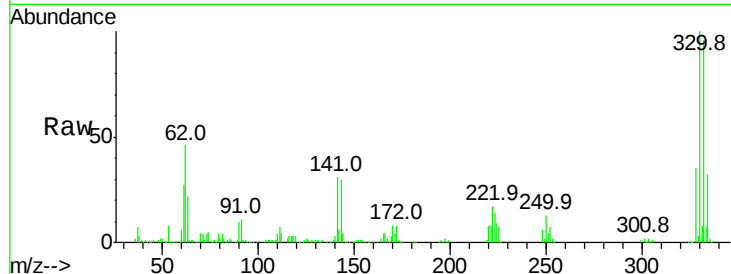




#41
 2,4,6-Tribromophenol
 Concen: 140.392 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098207.D
 Acq: 31 Aug 2017 21:08

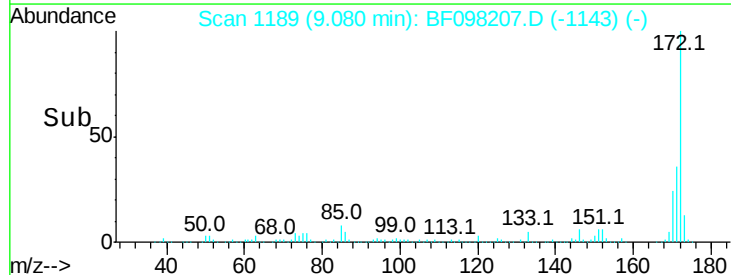
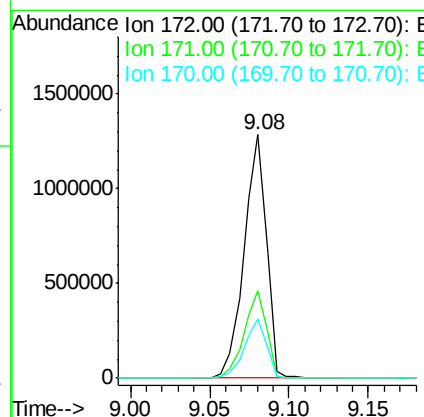
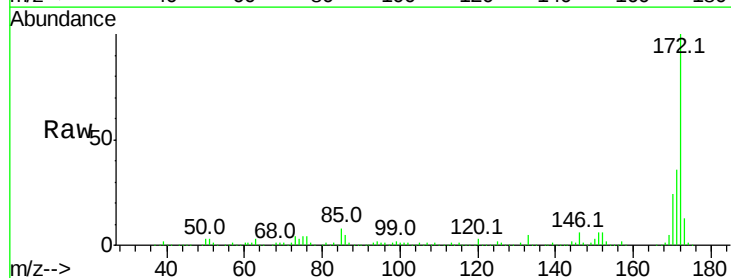
Instrument :
 BNA_F
 ClientSampleId :
 3833-PA4

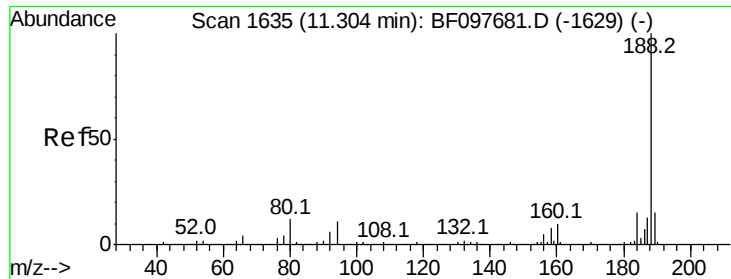
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	34.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 80.675 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098207.D
 Acq: 31 Aug 2017 21:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.3	19.8	29.8

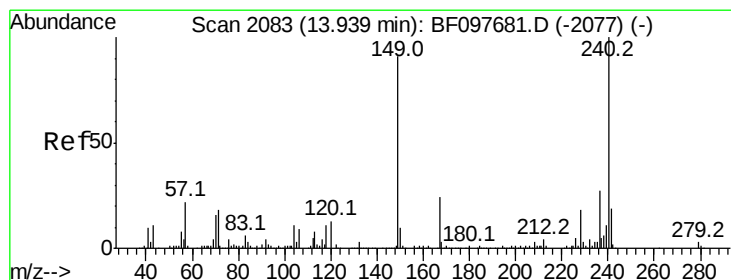
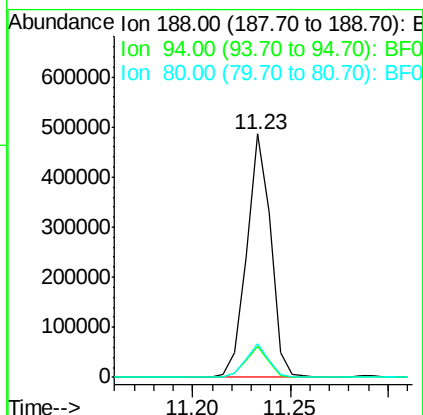
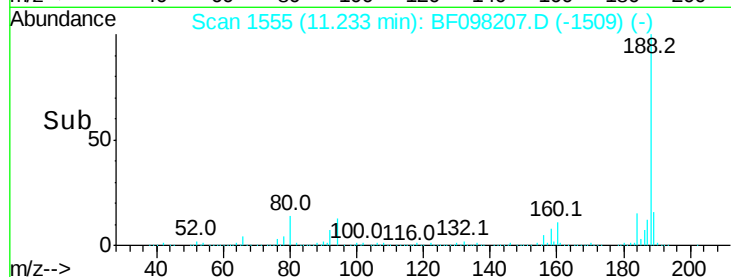
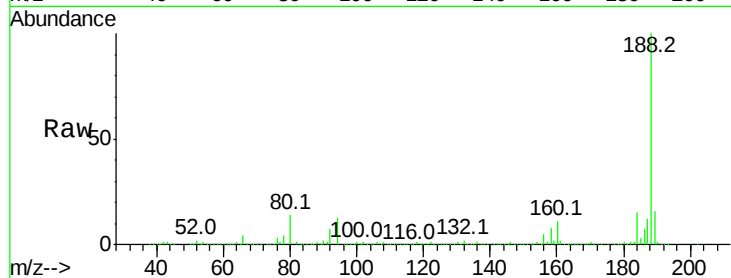




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098207.D
Acq: 31 Aug 2017 21:08

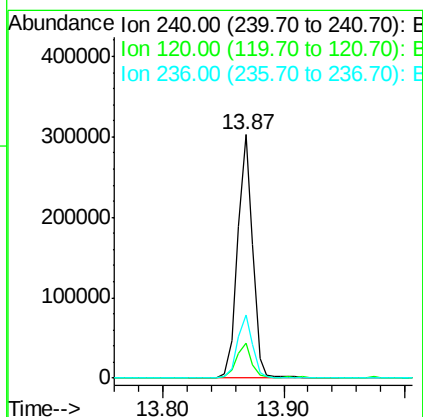
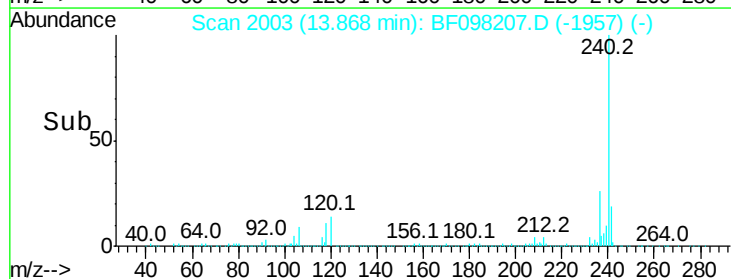
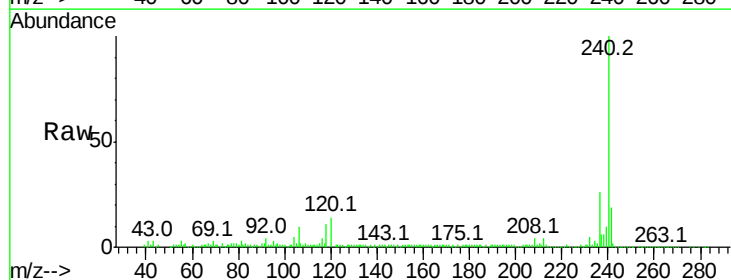
Instrument :
BNA_F
ClientSampleId :
3833-PA4

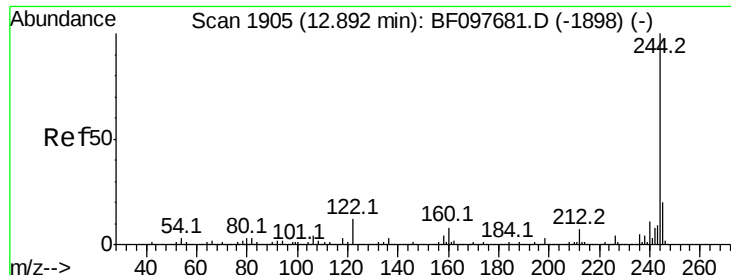
Tot Ion:188 Resp: 414266
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 13.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF098207.D
Acq: 31 Aug 2017 21:08

Tgt Ion:240 Resp: 260921
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 79.919 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098207.D

Acq: 31 Aug 2017 21:08

Instrument :

BNA_F

ClientSampleId :

3833-PA4

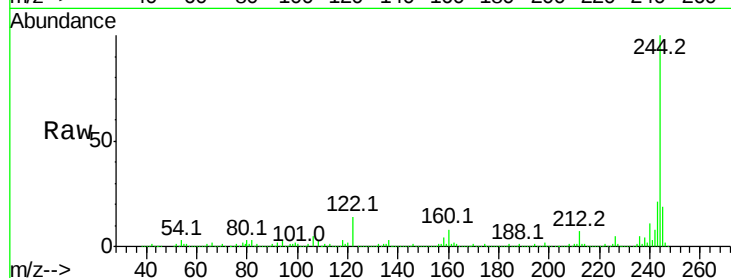
Tot Ion:244 Resp: 999959

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

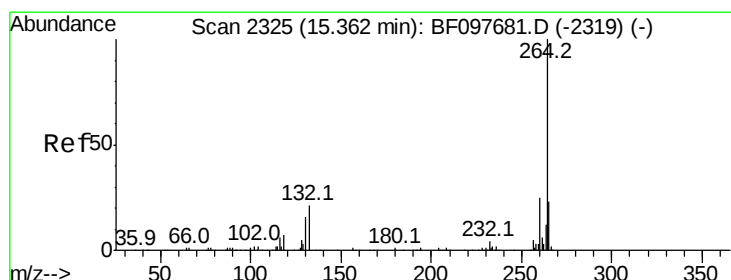
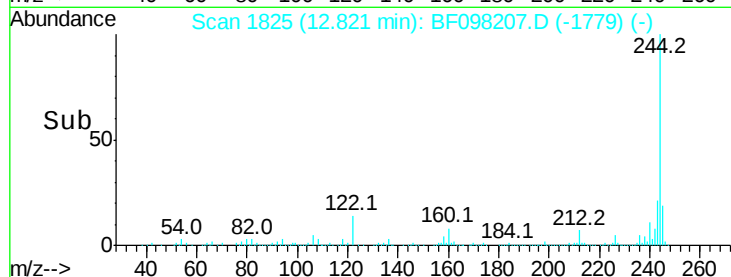
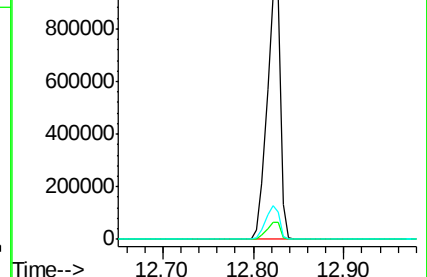
122 13.8 10.3 15.5



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: BF098207.D

Acq: 31 Aug 2017 21:08

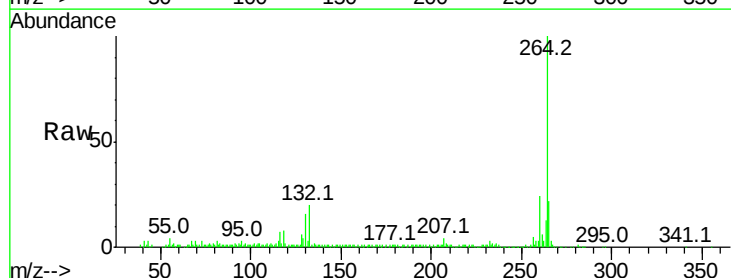
Tgt Ion:264 Resp: 232731

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.8 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

