

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098205.D
 Acq On : 31 Aug 2017 20:12
 Operator : SJ/JU
 Sample : I4963-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3829-PA1

Quant Time: Sep 01 03:56:06 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	115041	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	466326	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	207959	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	365225	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	243295	20.00	ng	-0.03
86) Perylene-d12	15.29	264	221670	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	490729	64.88	ng	-0.03
7) Phenol-d6	6.35	99	427250	41.58	ng	-0.04
23) Nitrobenzene-d5	7.29	82	832400	96.97	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	251067	139.14	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1243436	87.85	ng	-0.03
78) Terphenyl-d14	12.82	244	938661	80.45	ng	-0.03

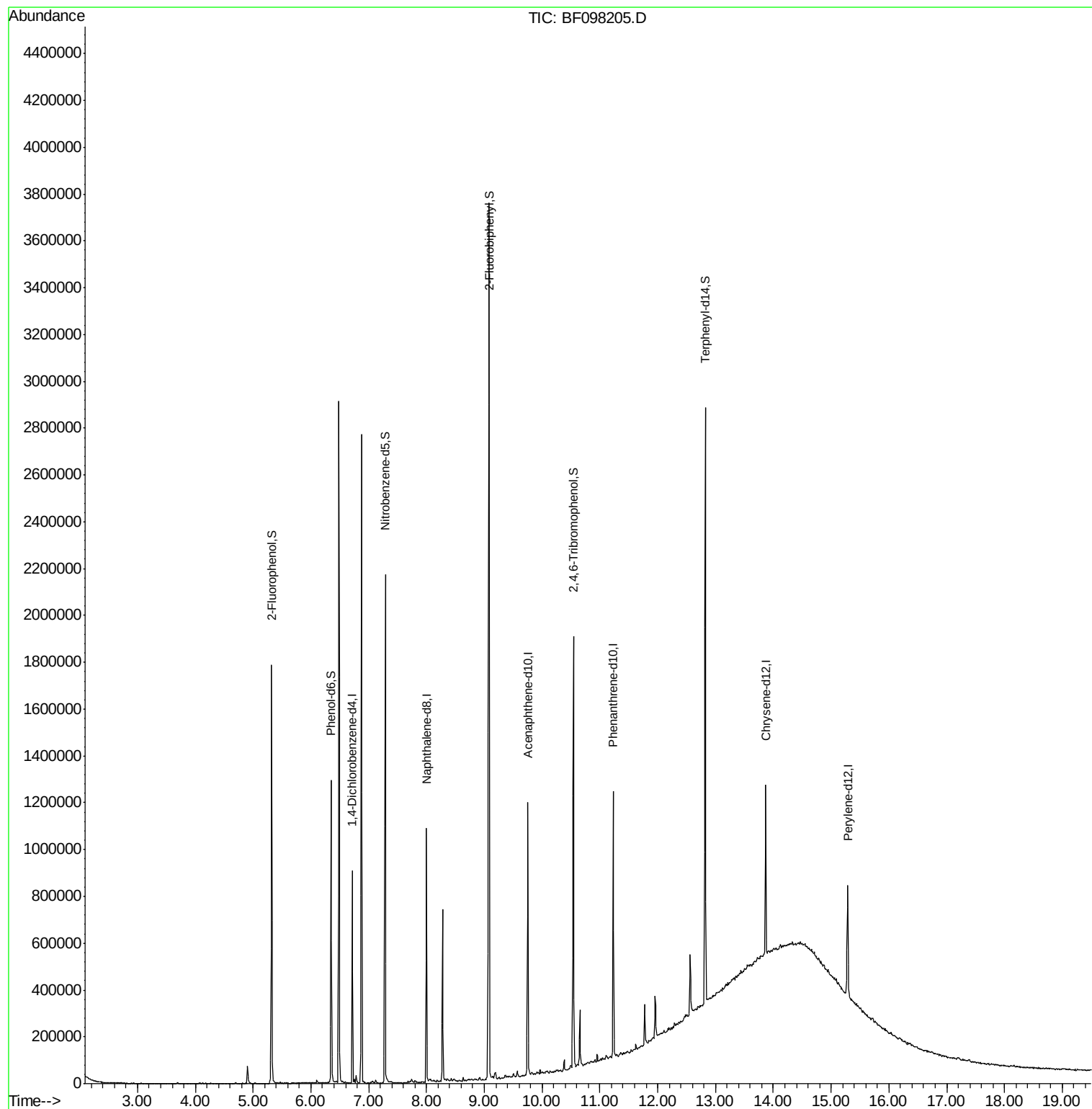
Target Compounds Qvalue

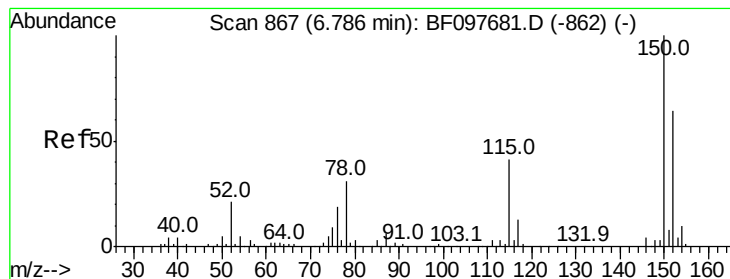
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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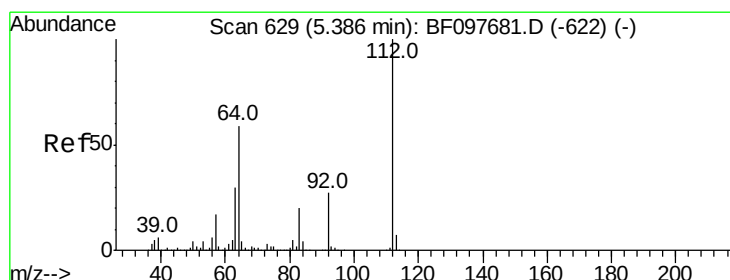
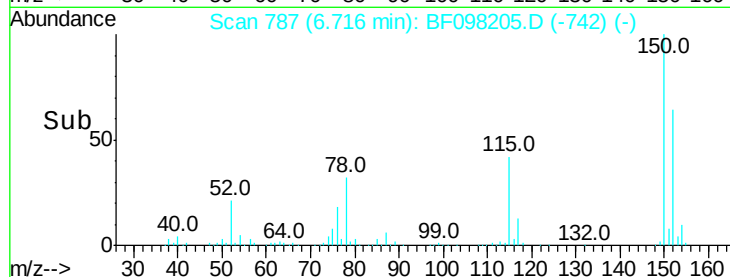
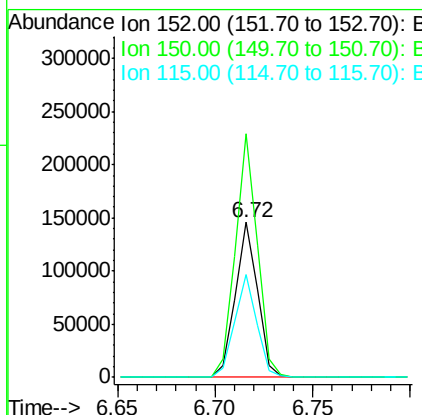
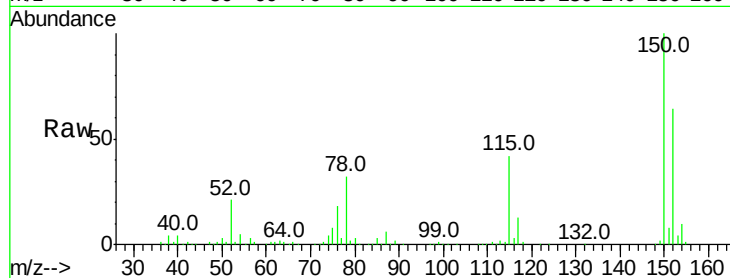


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098205.D
Acq: 31 Aug 2017 20:12

Instrument :
BNA_F
ClientSampleId :
3829-PA1

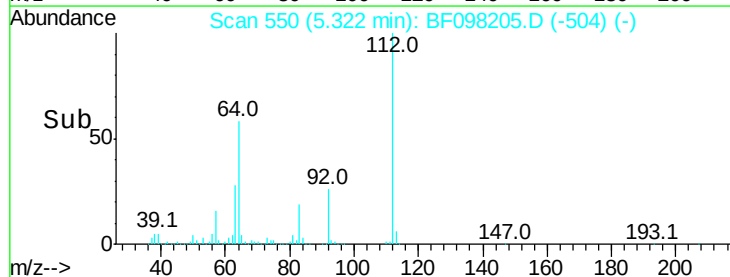
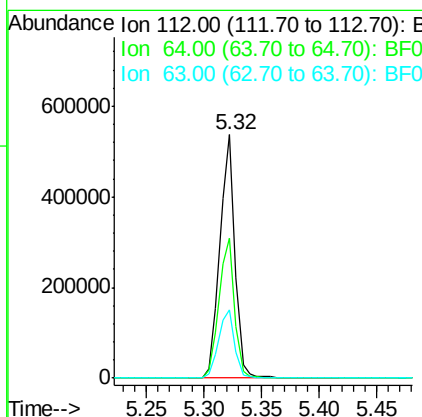
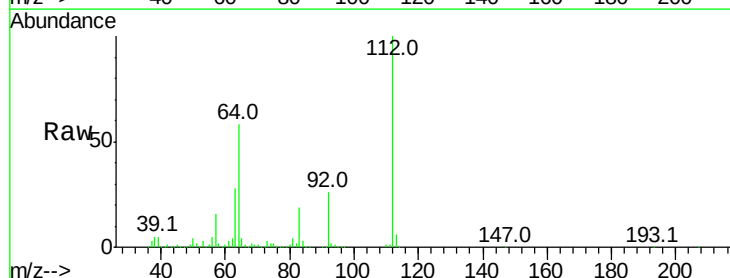
Tot Ion:152 Resp: 115041
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 66.5 52.2 78.2

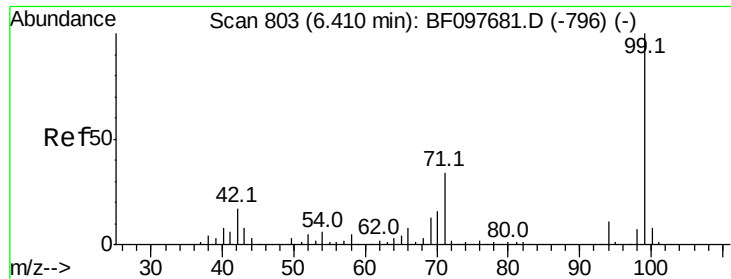


#5

2-Fluorophenol
Concen: 64.884 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF098205.D
Acq: 31 Aug 2017 20:12

Tgt Ion:112 Resp: 490729
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 28.2 23.4 35.0





#7

Phenol-d6

Concen: 41.577 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.04 min

Lab File: BF098205.D

Acq: 31 Aug 2017 20:12

Instrument :

BNA_F

ClientSampleId :

3829-PA1

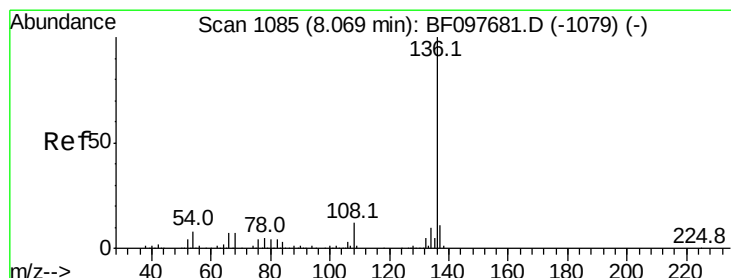
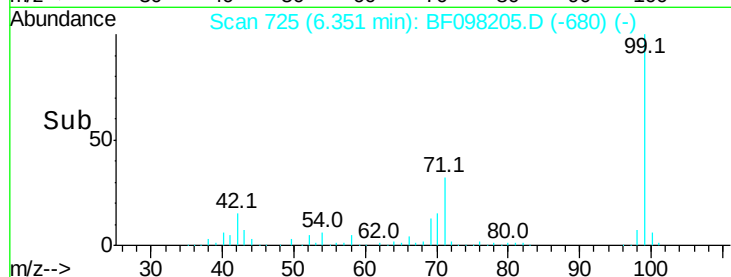
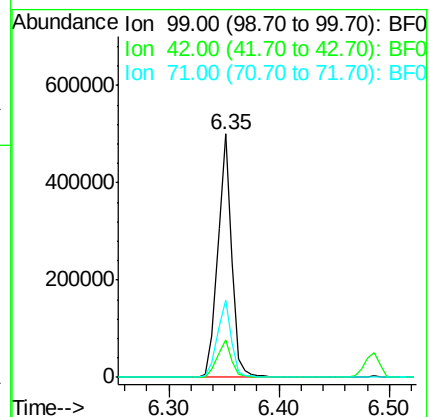
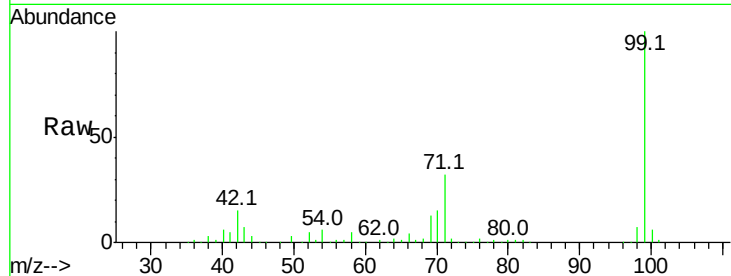
Tot Ion: 99 Resp: 427250

Ion Ratio Lower Upper

99 100

42 15.3 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: BF098205.D

Acq: 31 Aug 2017 20:12

Tgt Ion: 136 Resp: 466326

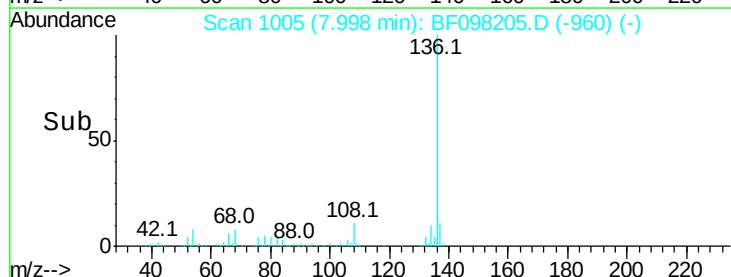
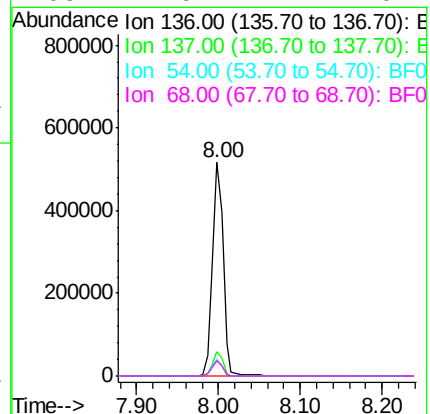
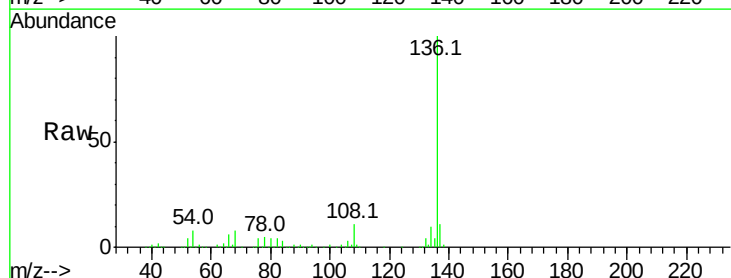
Ion Ratio Lower Upper

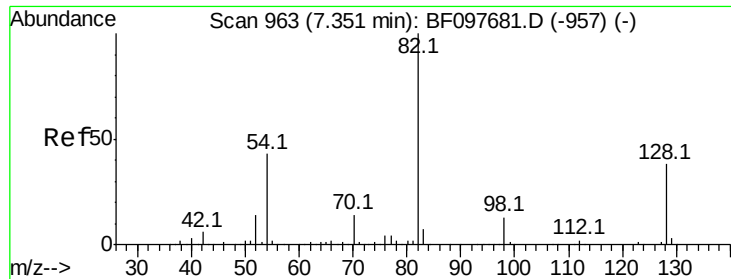
136 100

137 11.3 8.5 12.7

54 8.0 4.9 7.3#

68 7.5 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 96.970 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BF098205.D

Acq: 31 Aug 2017 20:12

Instrument :

BNA_F

ClientSampleId :

3829-PA1

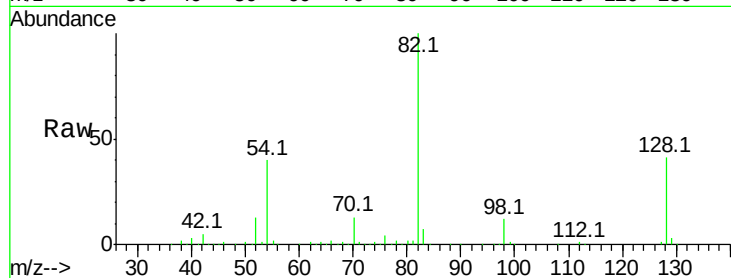
Tot Ion: 82 Resp: 832400

Ion Ratio Lower Upper

82 100

128 40.5 34.0 51.0

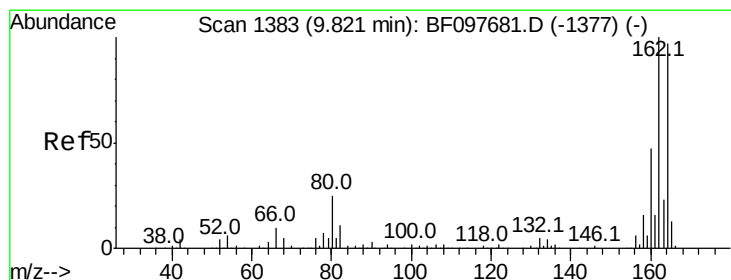
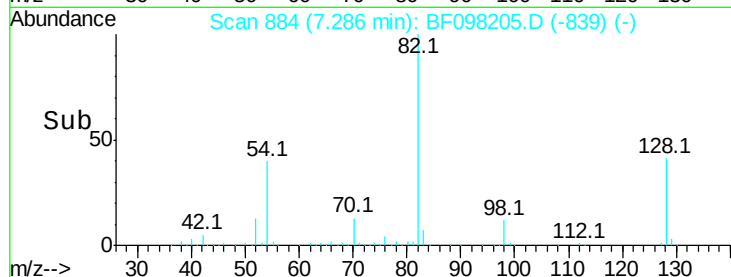
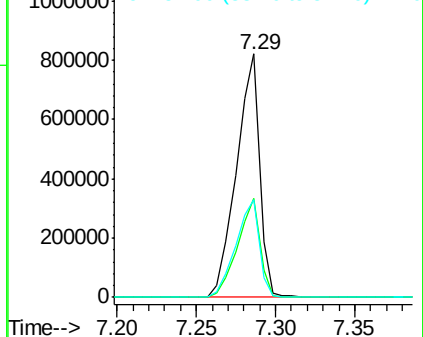
54 40.0 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BF098205.D

Acq: 31 Aug 2017 20:12

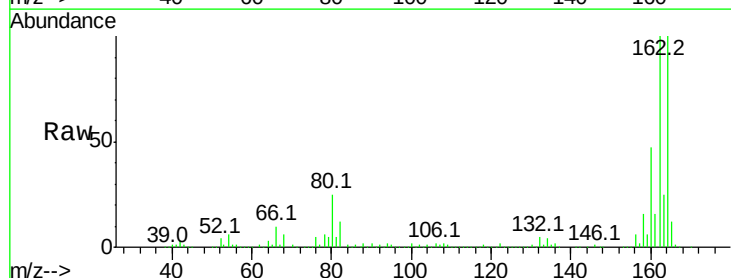
Tgt Ion:164 Resp: 207959

Ion Ratio Lower Upper

164 100

162 99.9 82.6 123.8

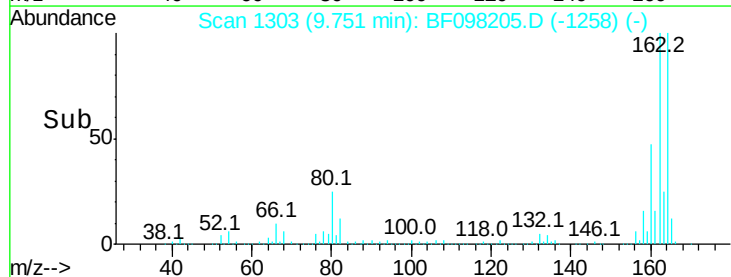
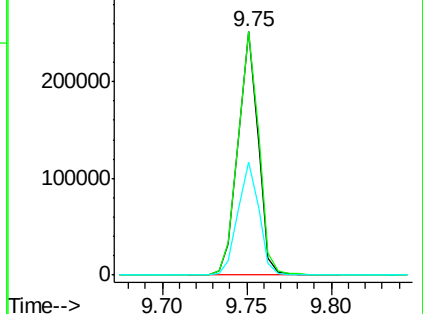
160 46.7 36.2 54.2

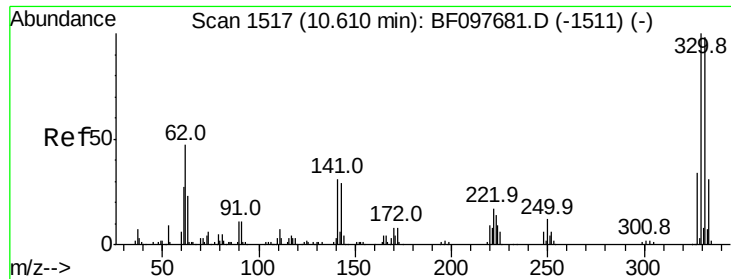


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

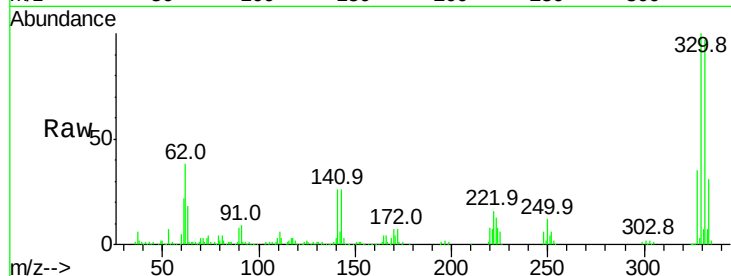




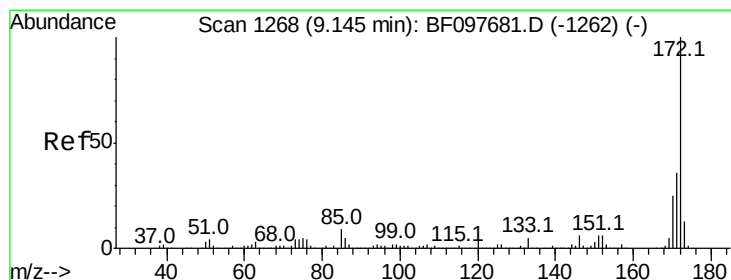
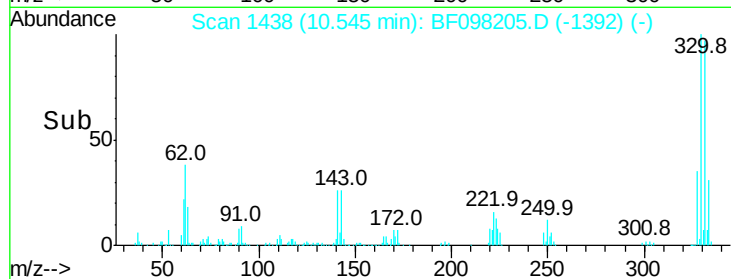
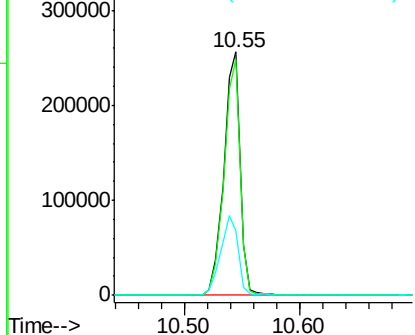
#41
 2,4,6-Tribromophenol
 Concen: 139.143 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098205.D
 Acq: 31 Aug 2017 20:12

Instrument :
 BNA_F
 ClientSampleId :
 3829-PA1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	35.9	31.4	47.2

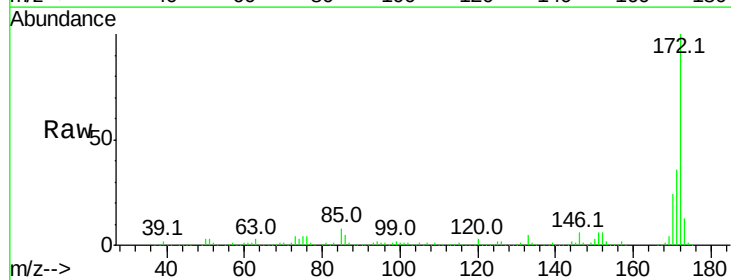


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

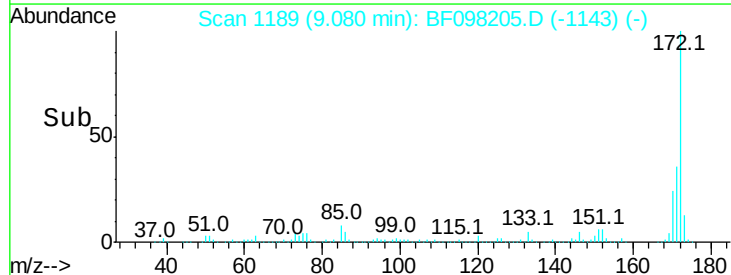
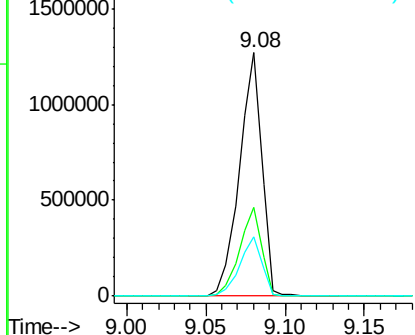


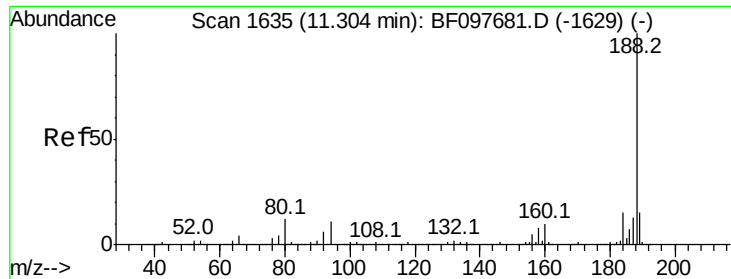
#44
 2-Fluorobiphenyl
 Concen: 87.847 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098205.D
 Acq: 31 Aug 2017 20:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.2	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: BF098205.D

Acq: 31 Aug 2017 20:12

Instrument :

BNA_F

ClientSampleId :

3829-PA1

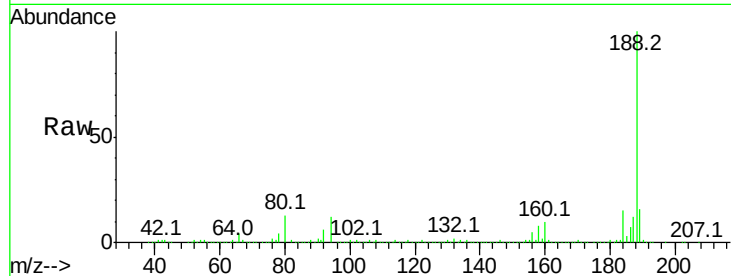
Tot Ion:188 Resp: 365225

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

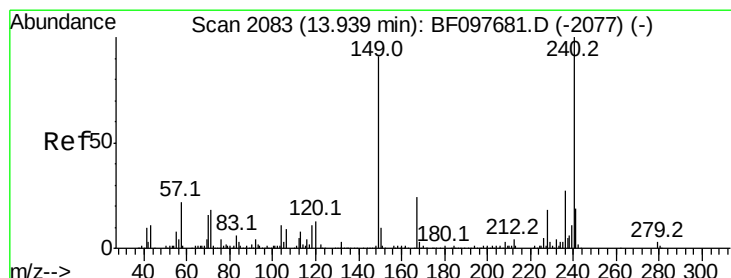
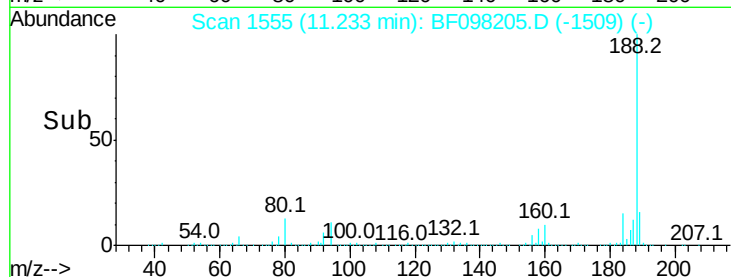
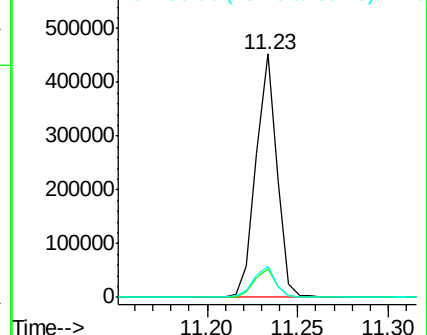
80 12.7 10.2 15.2



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: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098205.D

Acq: 31 Aug 2017 20:12

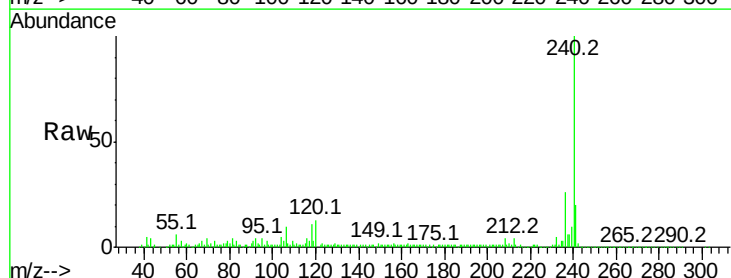
Tgt Ion:240 Resp: 243295

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

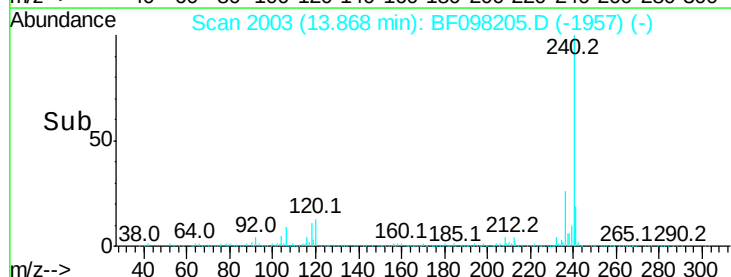
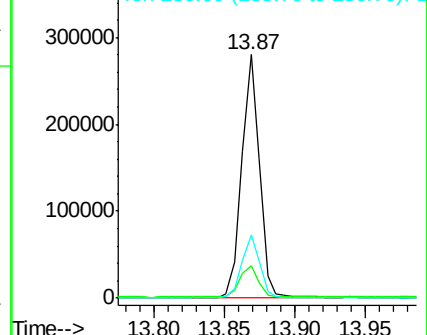
236 25.7 20.5 30.7

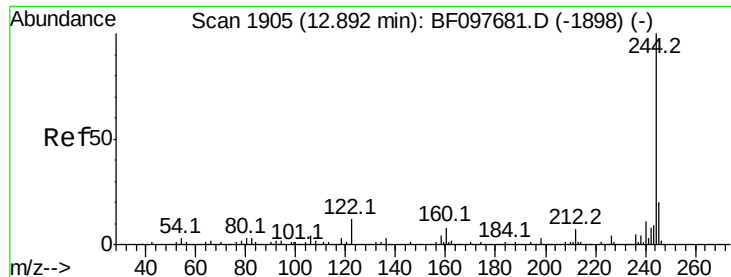


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.455 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098205.D

Acq: 31 Aug 2017 20:12

Instrument :

BNA_F

ClientSampleId :

3829-PA1

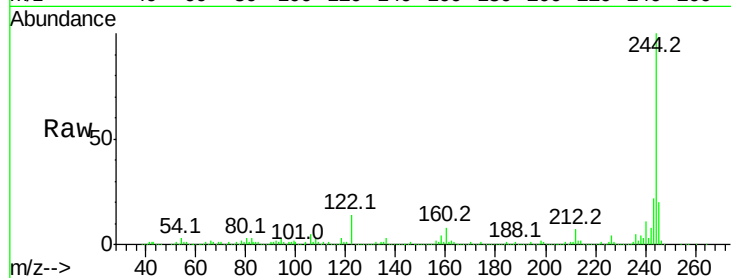
Tot Ion:244 Resp: 938661

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

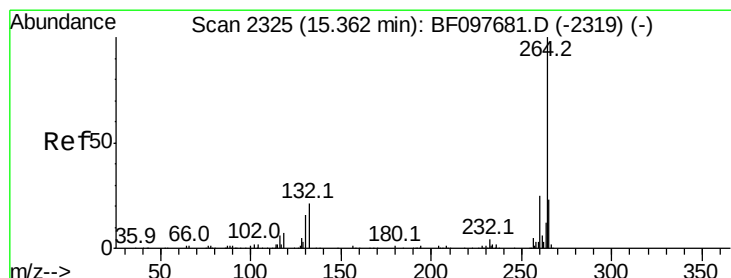
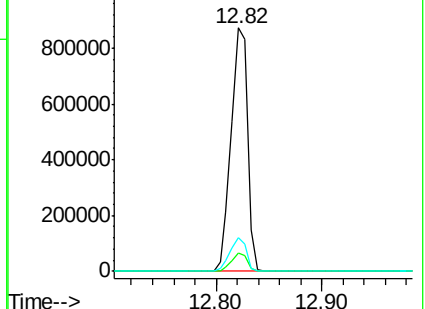
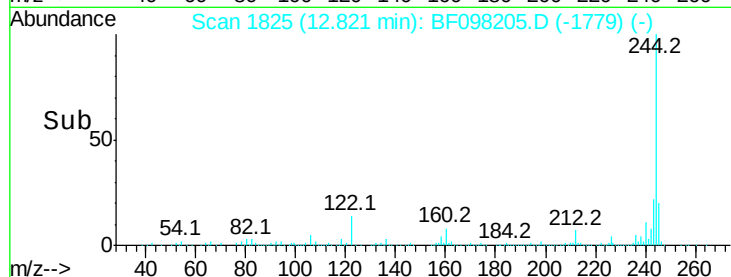
122 13.8 10.3 15.5



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: BF098205.D

Acq: 31 Aug 2017 20:12

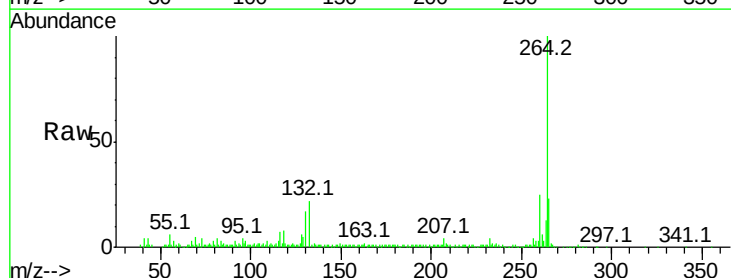
Tgt Ion:264 Resp: 221670

Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

265 22.6 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

