

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097875.D
 Acq On : 19 Aug 2017 13:35
 Operator : SJ/JU
 Sample : I4846-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PI-3(3)

Quant Time: Aug 21 11:16:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

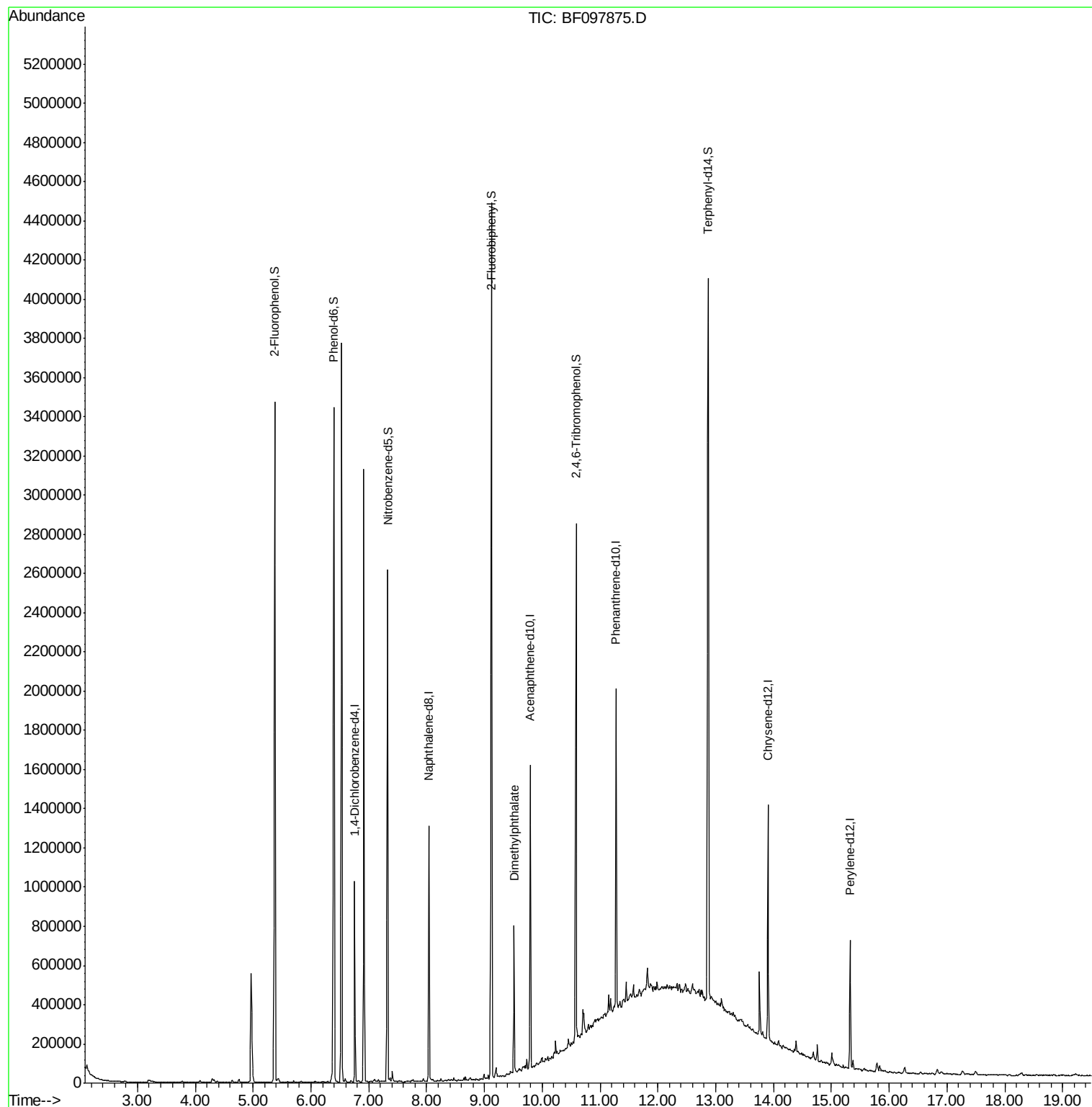
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	140519	20.00	ng	-0.03
21) Naphthalene-d8	8.04	136	592740	20.00	ng	-0.03
38) Acenaphthene-d10	9.79	164	292711	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	587186	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	434169	20.00	ng	-0.03
86) Perylene-d12	15.33	264	275894	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1192246	129.06	ng	-0.01
7) Phenol-d6	6.40	99	1660133	132.26	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1071311	98.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	379683	149.50	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1626645	81.65	ng	-0.02
78) Terphenyl-d14	12.87	244	1560840	74.97	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	254582	11.898	ng	100

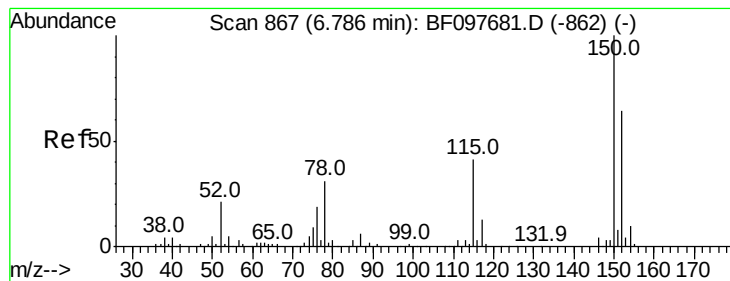
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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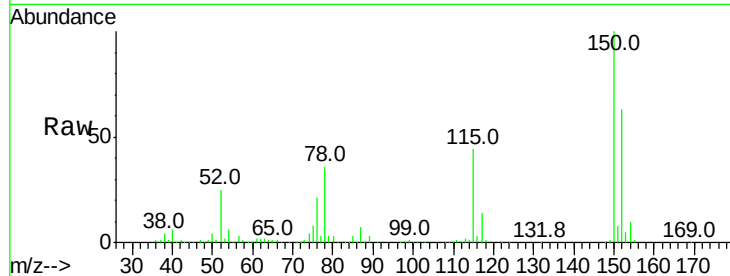


#1

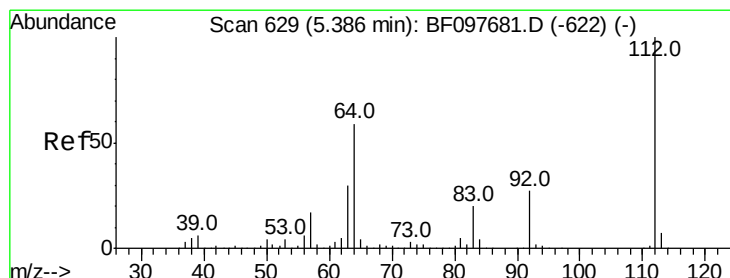
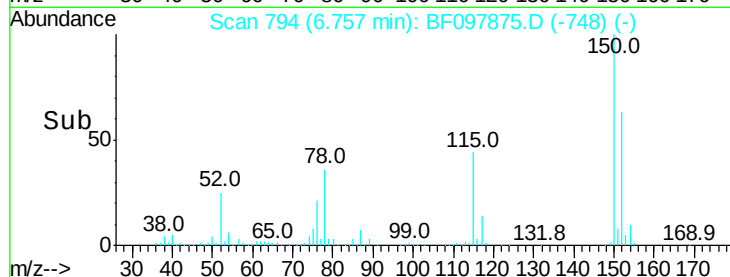
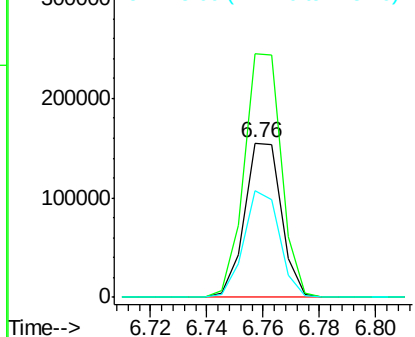
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.03 min
 Lab File: BF097875.D
 Acq: 19 Aug 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PI-3(3)

Tot Ion:152 Resp: 140519
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.2 189.2
 115 69.2 52.2 78.2



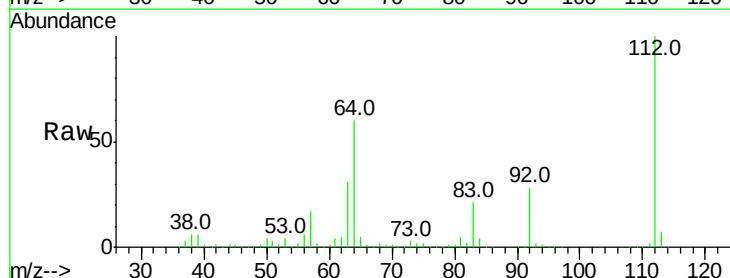
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



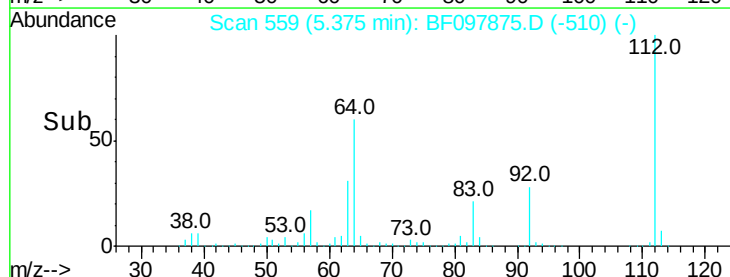
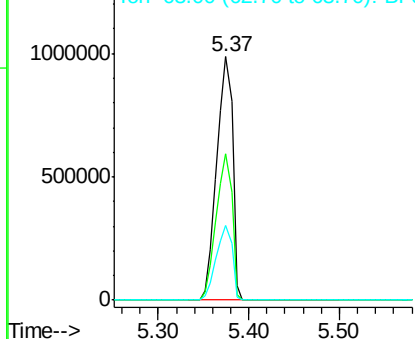
#5

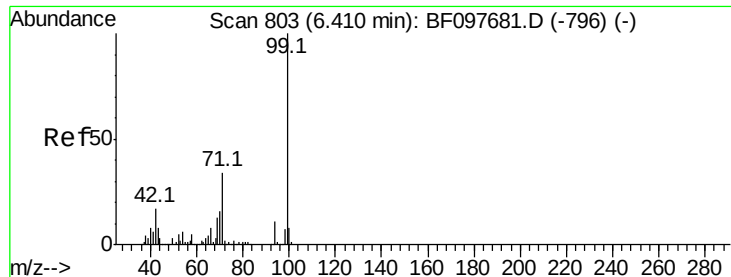
2-Fluorophenol
 Concen: 129.057 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF097875.D
 Acq: 19 Aug 2017 13:35

Tgt Ion:112 Resp: 1192246
 Ion Ratio Lower Upper
 112 100
 64 60.1 46.0 69.0
 63 30.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.261 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097875.D

Acq: 19 Aug 2017 13:35

Instrument :

BNA_F

ClientSampleId :

PI-3(3)

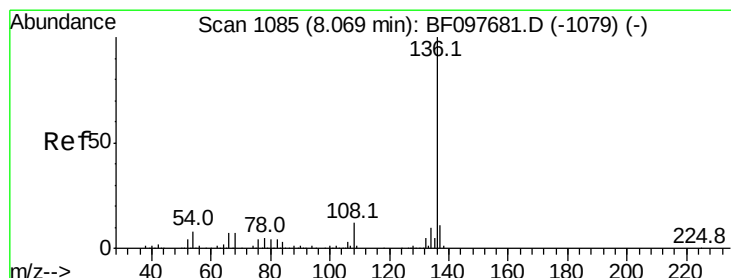
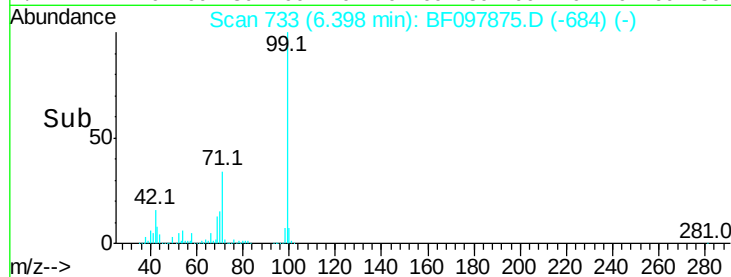
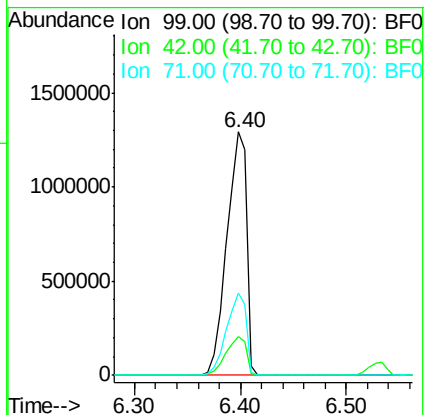
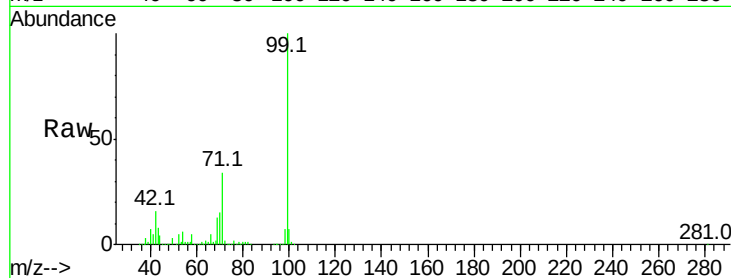
Tot Ion: 99 Resp: 1660133

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 33.9 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BF097875.D

Acq: 19 Aug 2017 13:35

Tgt Ion: 136 Resp: 592740

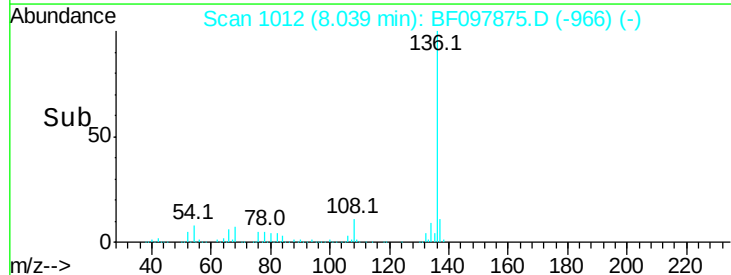
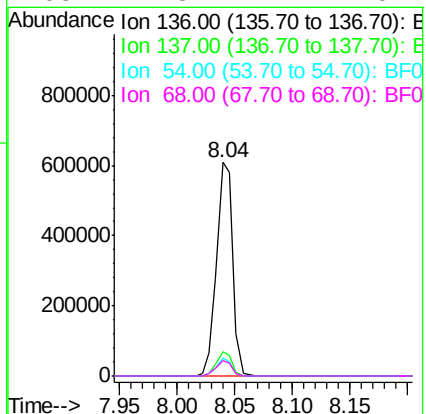
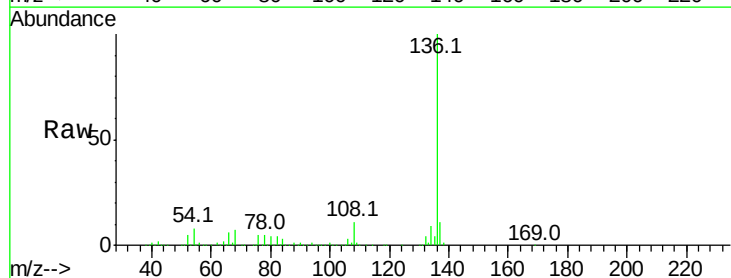
Ion Ratio Lower Upper

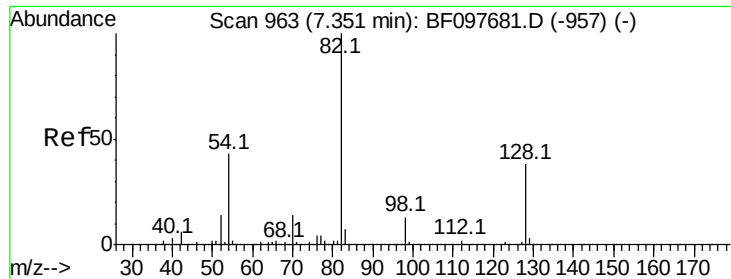
136 100

137 11.3 8.5 12.7

54 8.2 4.9 7.3#

68 7.3 4.1 6.1#

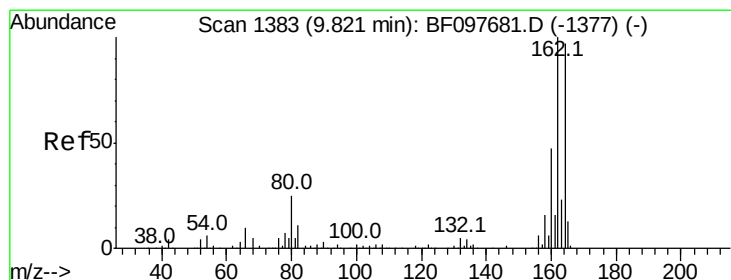
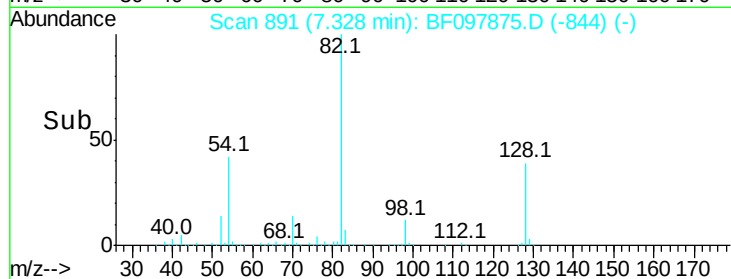
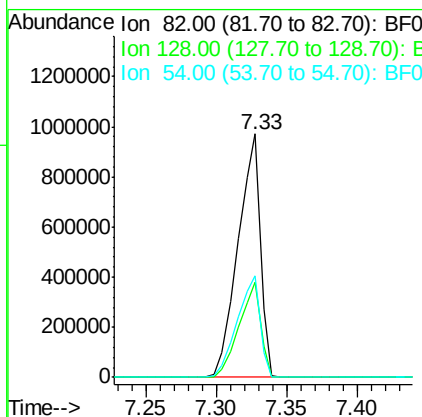
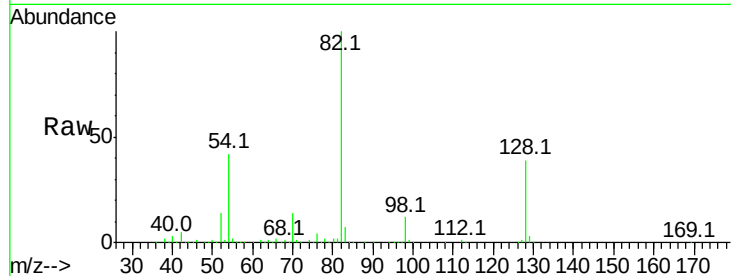




#23
Nitrobenzene-d5
Concen: 98.186 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF097875.D
Acq: 19 Aug 2017 13:35

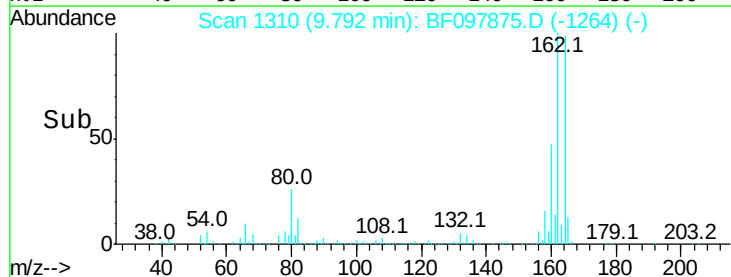
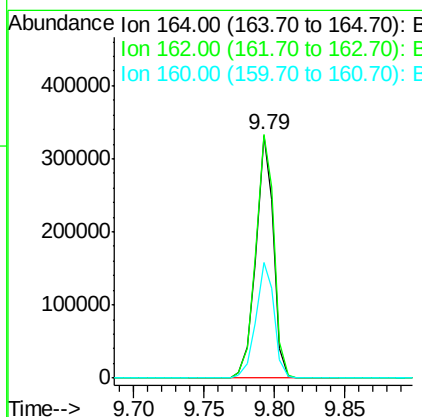
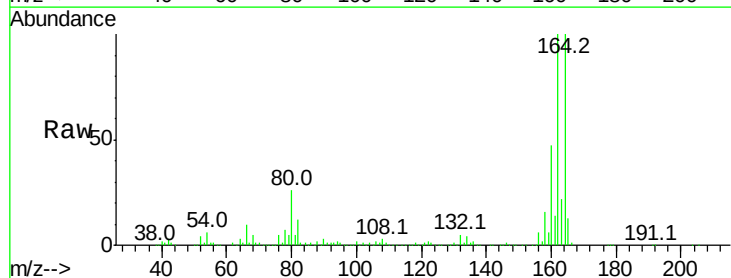
Instrument :
BNA_F
ClientSampleId :
PI-3(3)

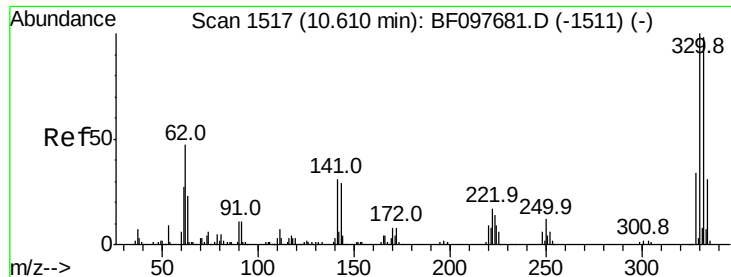
Tot Ion: 82 Resp: 1071311
Ion Ratio Lower Upper
82 100
128 39.1 34.0 51.0
54 41.5 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF097875.D
Acq: 19 Aug 2017 13:35

Tgt Ion:164 Resp: 292711
Ion Ratio Lower Upper
164 100
162 100.3 82.6 123.8
160 47.5 36.2 54.2

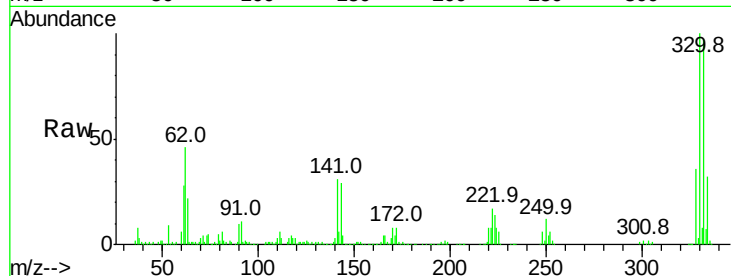




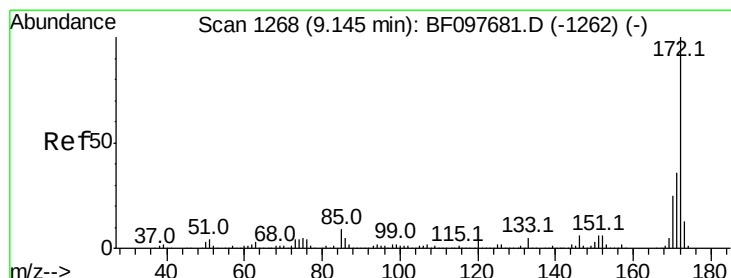
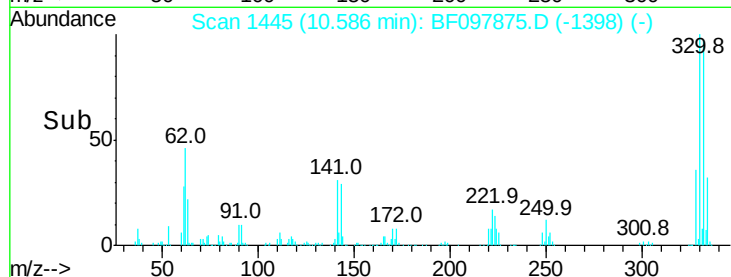
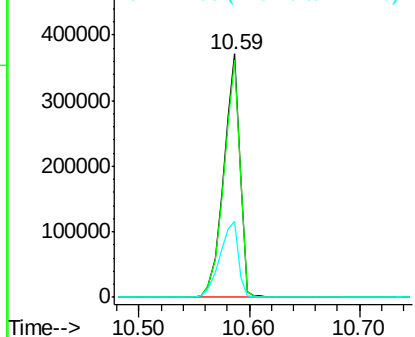
#41
 2,4,6-Tribromophenol
 Concen: 149.496 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF097875.D
 Acq: 19 Aug 2017 13:35

Instrument :
 BNA_F
 ClientSampled :
 PI-3(3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	35.5	31.4	47.2

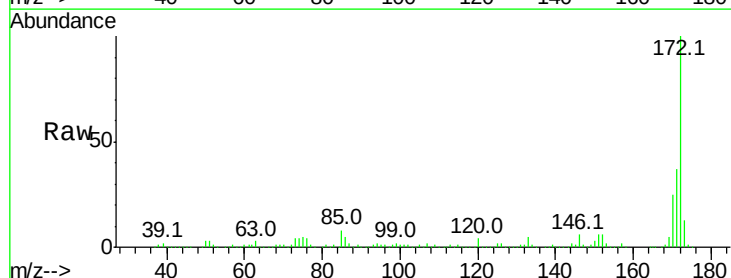


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

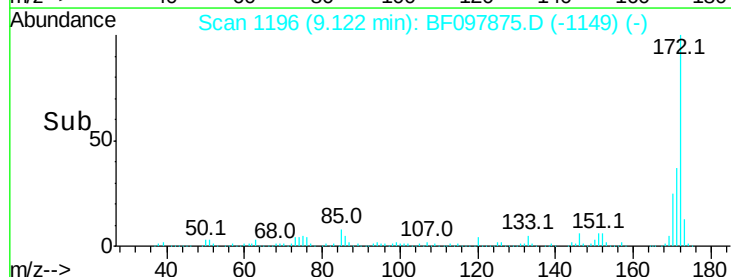
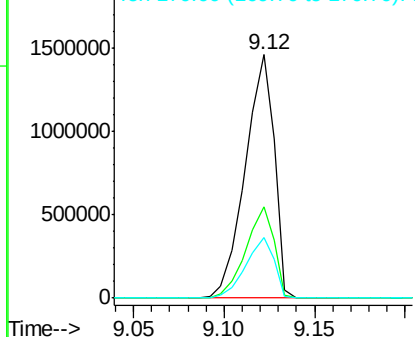


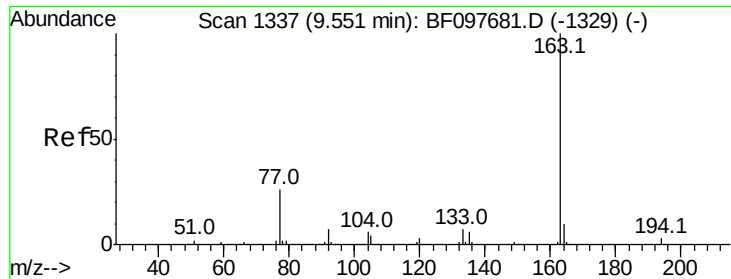
#44
 2-Fluorobiphenyl
 Concen: 81.646 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF097875.D
 Acq: 19 Aug 2017 13:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	24.9	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

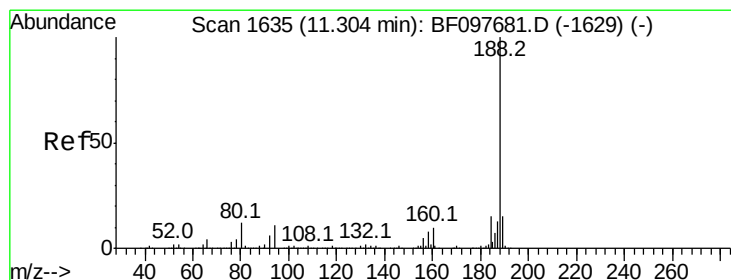
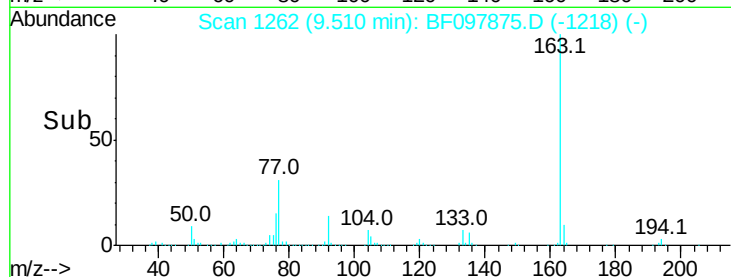
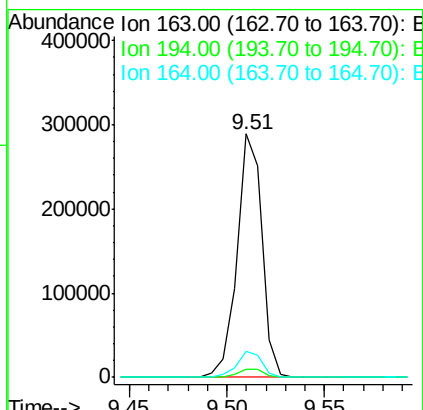
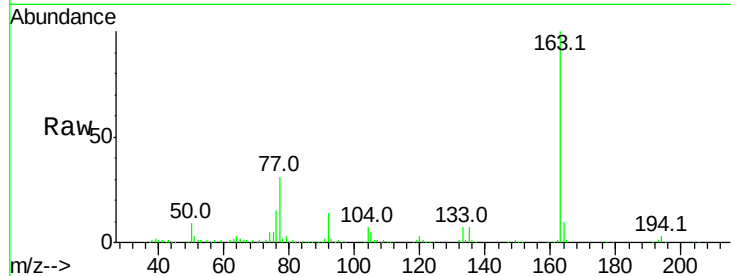




#49
Dimethylphthalate
Concen: 11.898 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BF097875.D
Acq: 19 Aug 2017 13:35

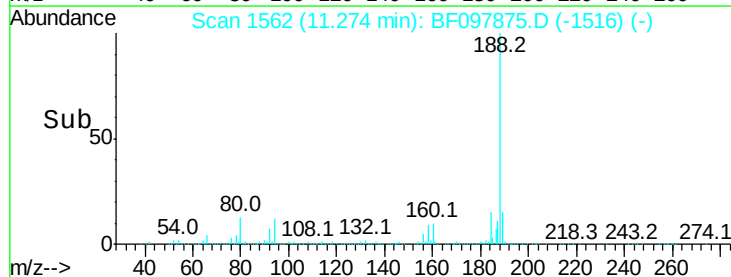
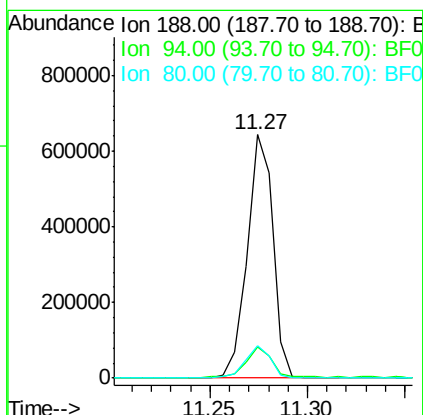
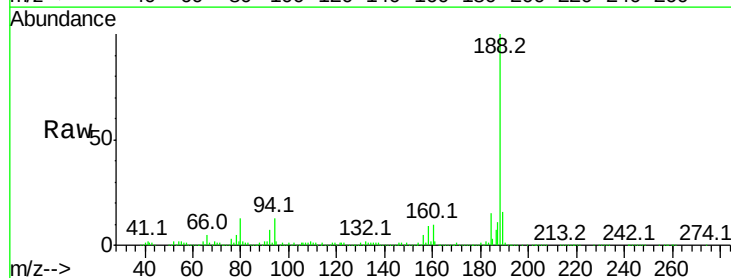
Instrument :
BNA_F
ClientSampleId :
PI-3(3)

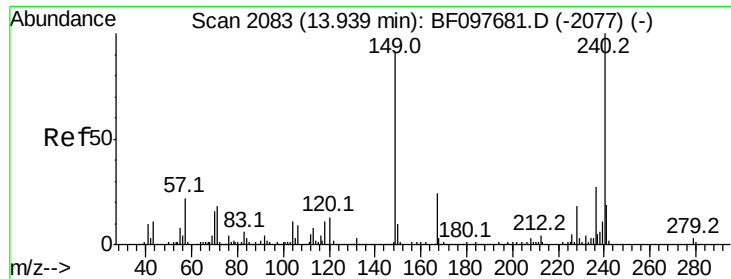
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.5	8.4	12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097875.D
Acq: 19 Aug 2017 13:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	13.2	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.03 min

Lab File: BF097875.D

Acq: 19 Aug 2017 13:35

Instrument :

BNA_F

ClientSampleId :

PI-3(3)

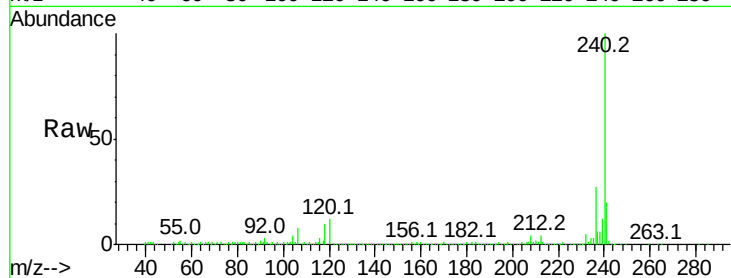
Tot Ion:240 Resp: 434169

Ion Ratio Lower Upper

240 100

120 11.8 5.8 8.8#

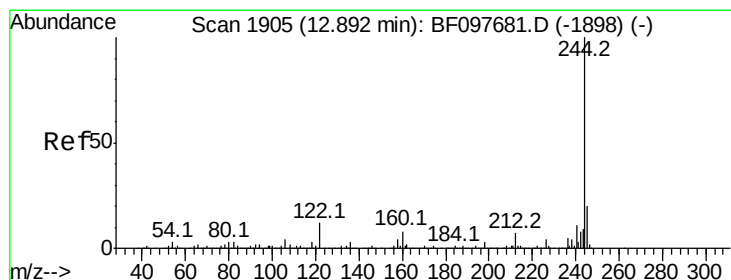
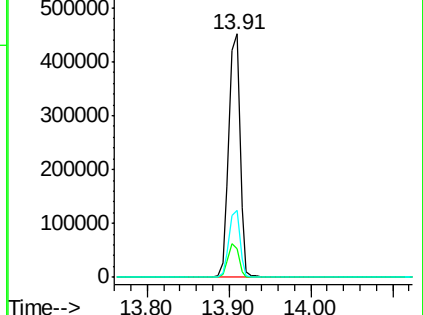
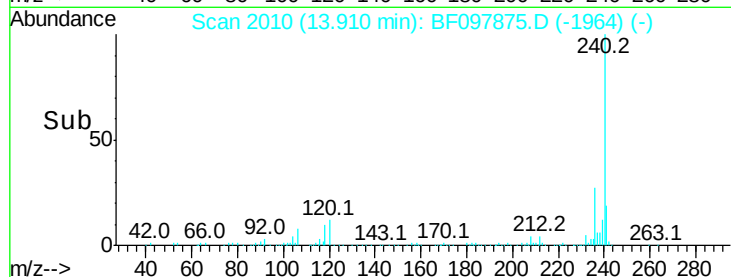
236 27.4 20.5 30.7



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: 74.968 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BF097875.D

Acq: 19 Aug 2017 13:35

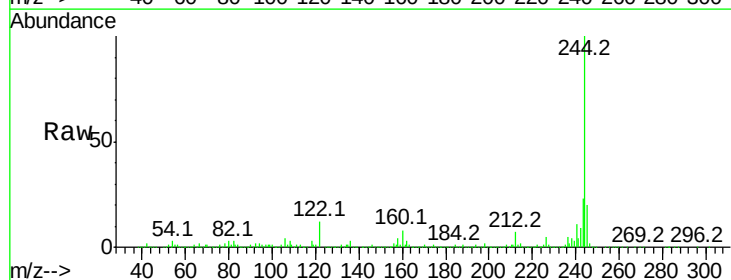
Tgt Ion:244 Resp: 1560840

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

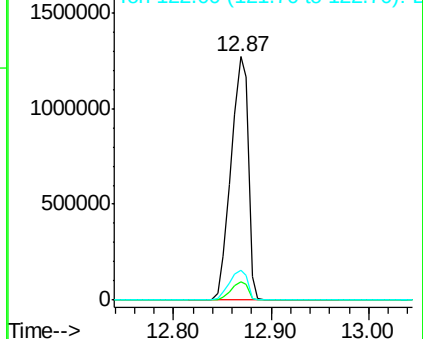
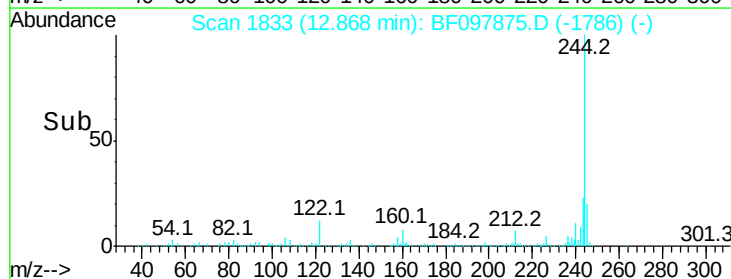
122 12.0 10.3 15.5

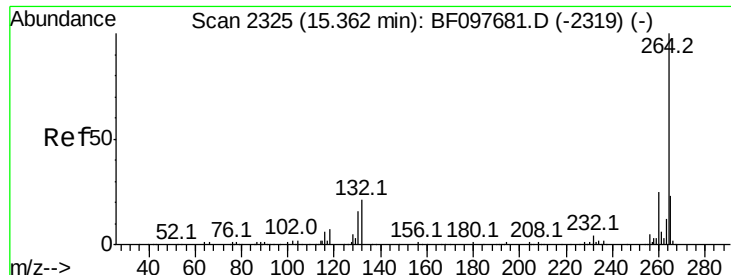


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

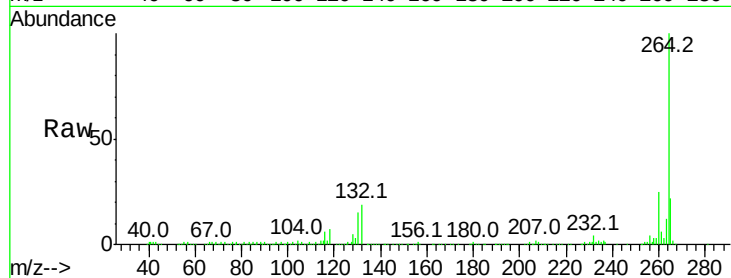




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.04 min
Lab File: BF097875.D
Acq: 19 Aug 2017 13:35

Instrument :
BNA_F
ClientSampleId :
PI-3(3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	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

