

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097137.D
 Acq On : 27 Jul 2017 22:05
 Operator : SJ/JU
 Sample : I4424-04 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-B

Quant Time: Jul 28 01:49:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

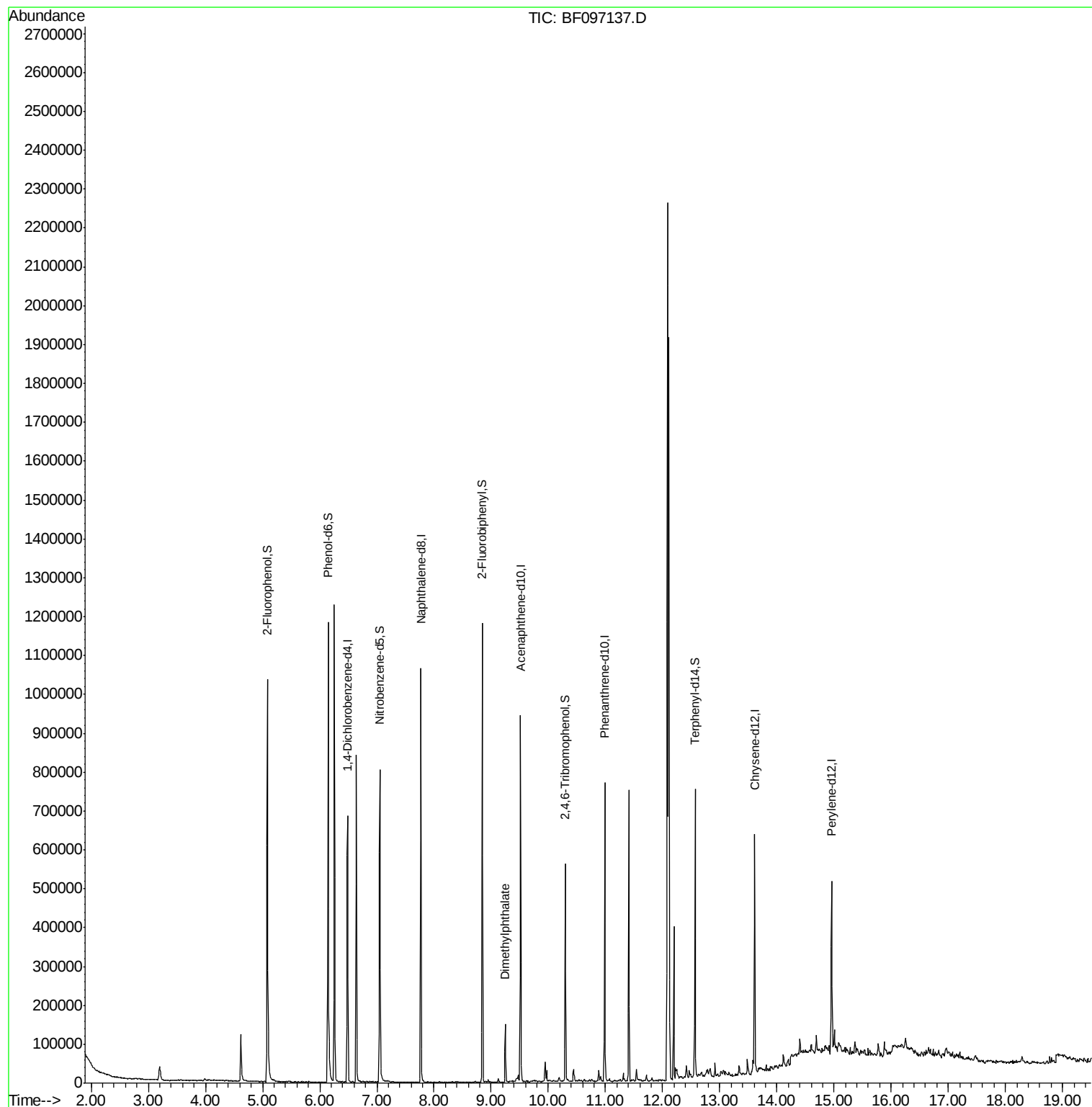
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	102598	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	439509	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	183697	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	253392	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	192098	20.00	ng	-0.02
86) Perylene-d12	14.96	264	169561	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	311474	45.77	ng	-0.02
7) Phenol-d6	6.15	99	391731	50.42	ng	-0.02
23) Nitrobenzene-d5	7.05	82	226844	30.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	56247	38.75	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	326198	30.14	ng	-0.02
78) Terphenyl-d14	12.57	244	202123	21.45	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.25	163	52746	3.781	ng	98

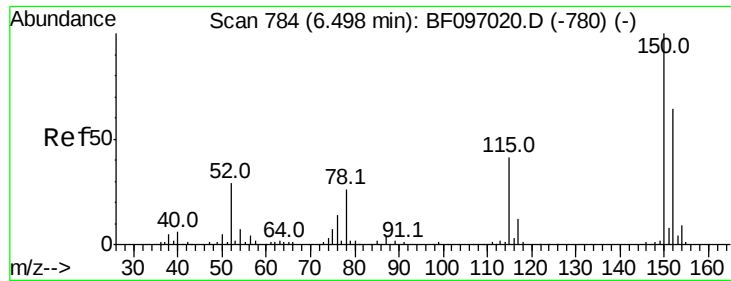
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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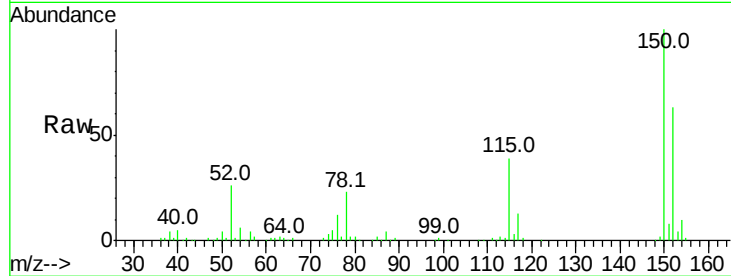


#1

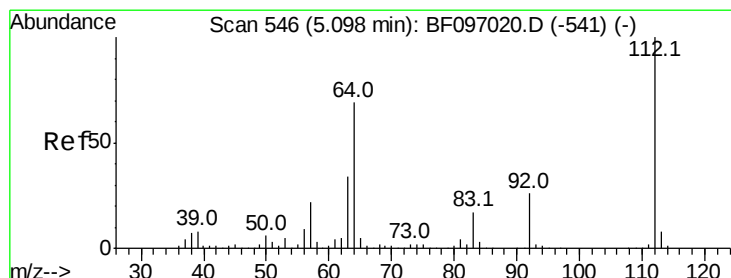
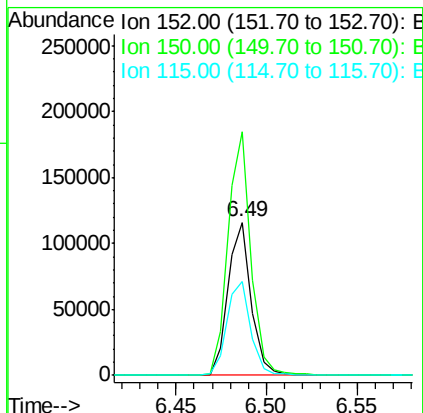
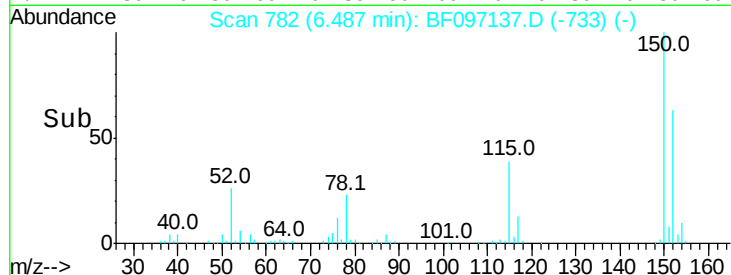
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF097137.D
 Acq: 27 Jul 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-B

Tot Ion:152 Resp: 102598
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.2 189.2
 115 61.6 52.2 78.2



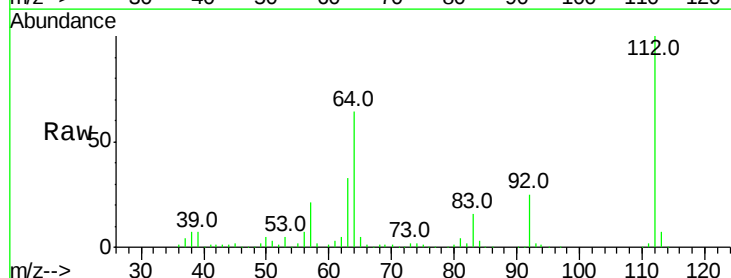
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



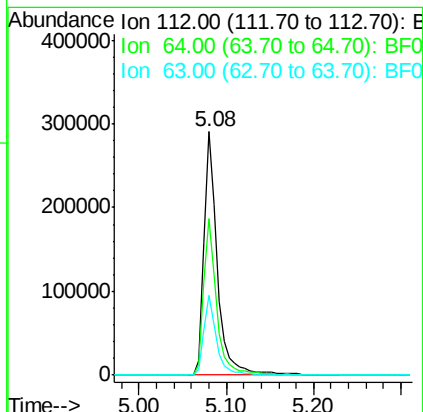
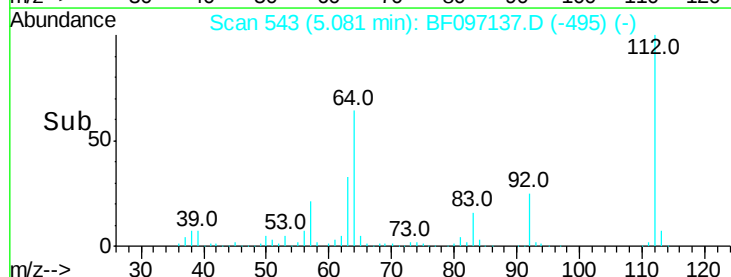
#5

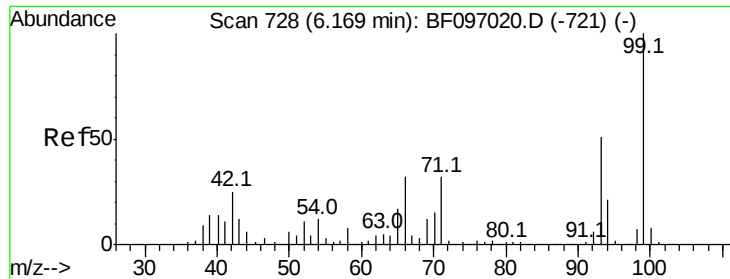
2-Fluorophenol
 Concen: 45.765 ng
 RT: 5.08 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF097137.D
 Acq: 27 Jul 2017 22:05

Tgt Ion:112 Resp: 311474
 Ion Ratio Lower Upper
 112 100
 64 64.4 46.0 69.0
 63 32.8 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: 50.418 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097137.D

Acq: 27 Jul 2017 22:05

Instrument :

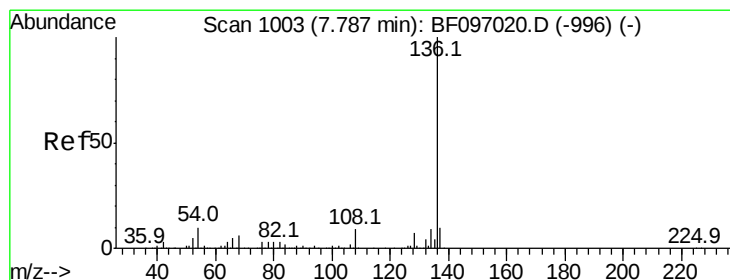
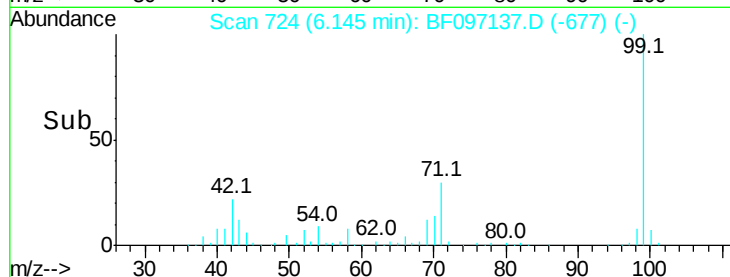
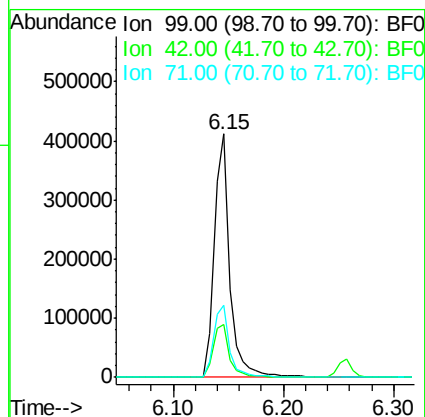
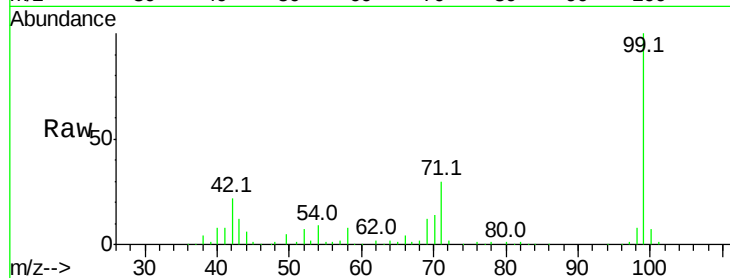
BNA_F

ClientSampleId :

AU-06-072417-B

Tot Ion: 99 Resp: 391731

Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.5	20.3#
71	29.8	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

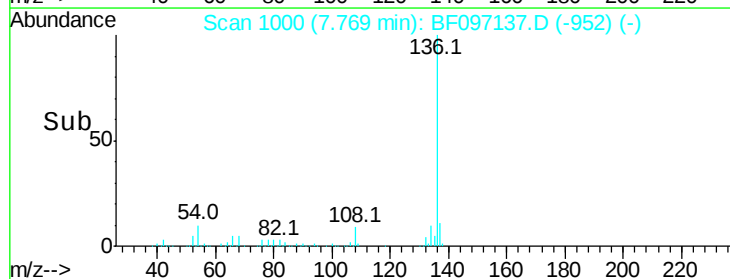
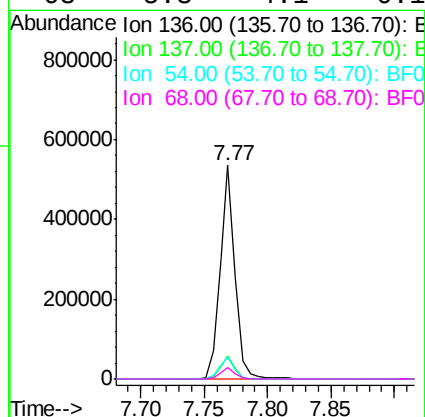
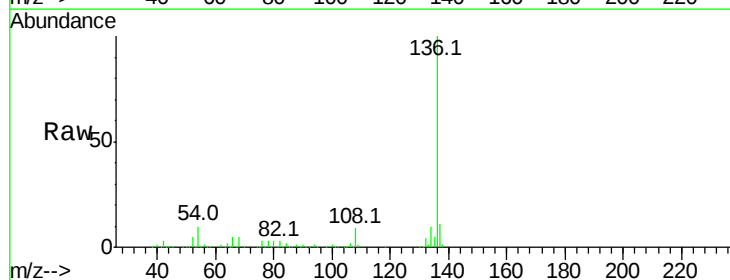
Delta R.T. -0.02 min

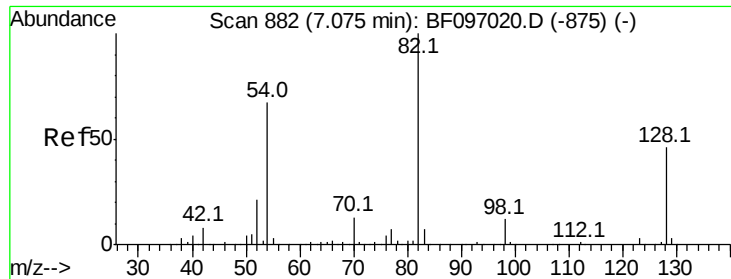
Lab File: BF097137.D

Acq: 27 Jul 2017 22:05

Tgt Ion: 136 Resp: 439509

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.1	4.9	7.3#
68	5.3	4.1	6.1

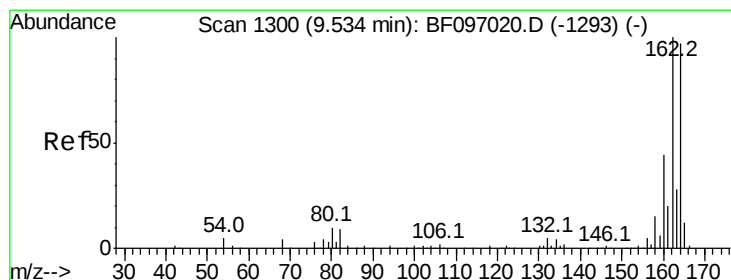
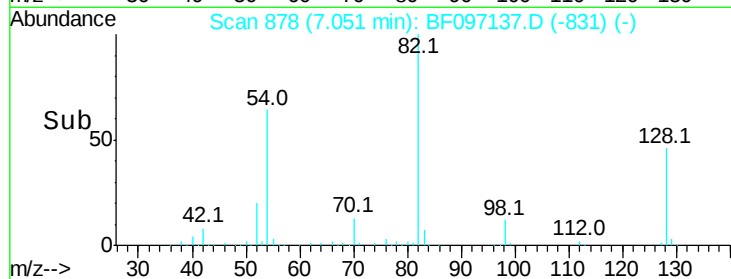
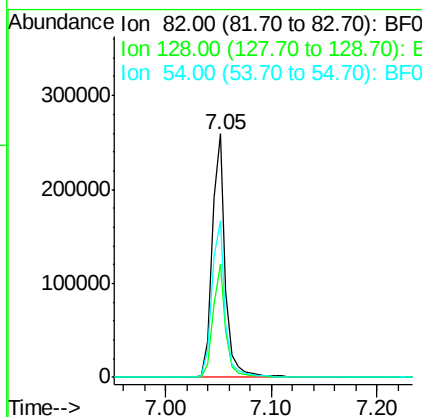
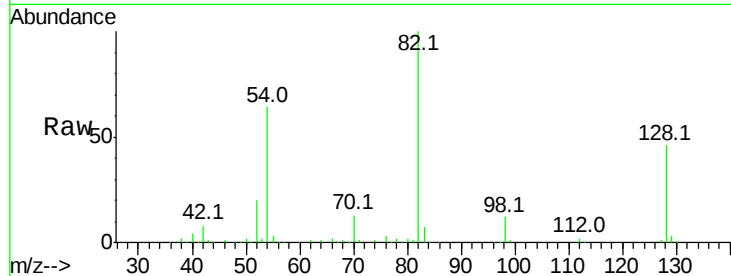




#23
Nitrobenzene-d5
Concen: 30.278 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097137.D
Acq: 27 Jul 2017 22:05

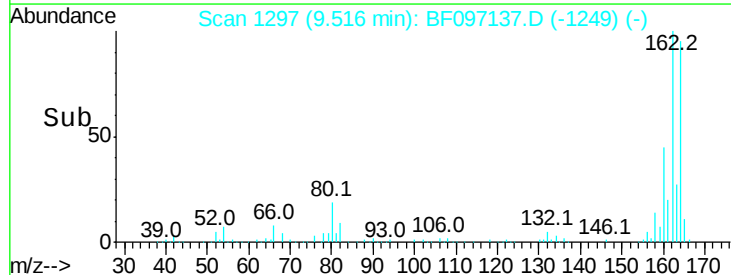
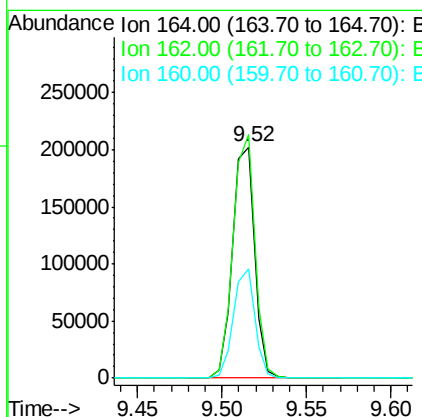
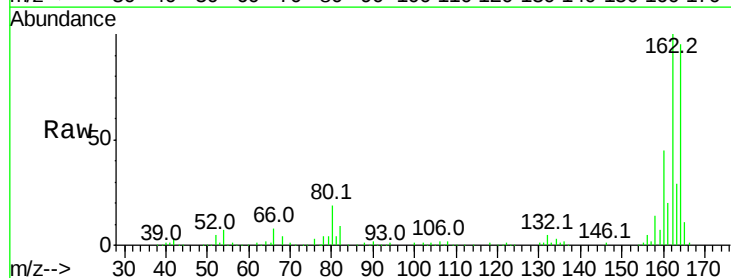
Instrument :
BNA_F
ClientSampleId :
AU-06-072417-B

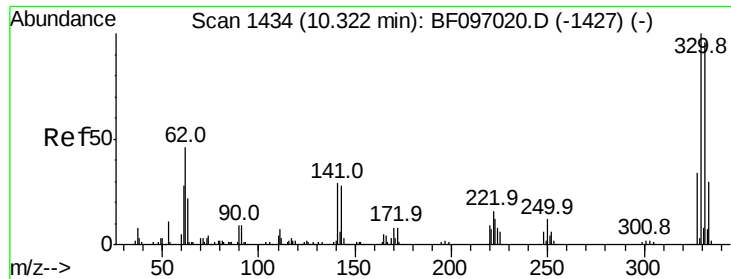
Tot Ion: 82 Resp: 226844
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 64.2 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097137.D
Acq: 27 Jul 2017 22:05

Tgt Ion:164 Resp: 183697
Ion Ratio Lower Upper
164 100
162 105.4 82.6 123.8
160 47.2 36.2 54.2

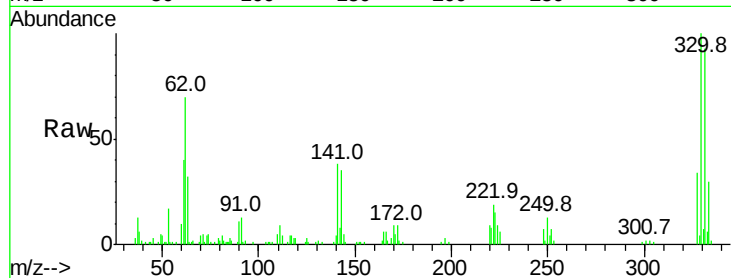




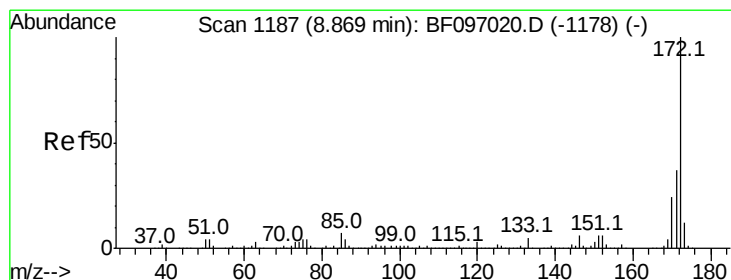
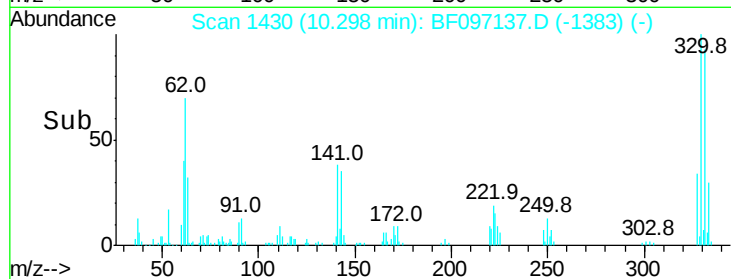
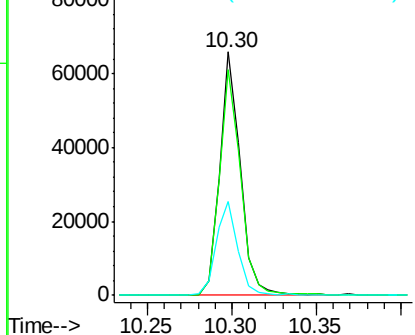
#41
 2,4,6-Tribromophenol
 Concen: 38.754 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097137.D
 Acq: 27 Jul 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-B

Tot Ion:330 Resp: 56247
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 40.3 31.4 47.2

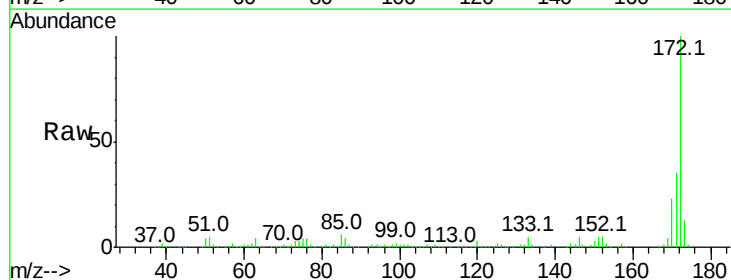


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

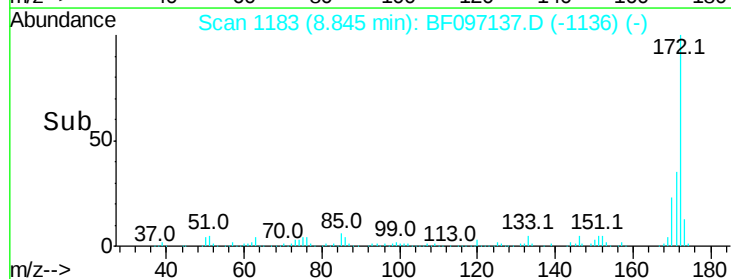
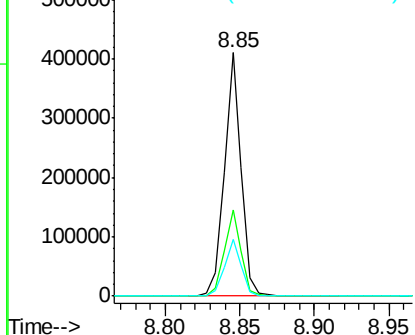


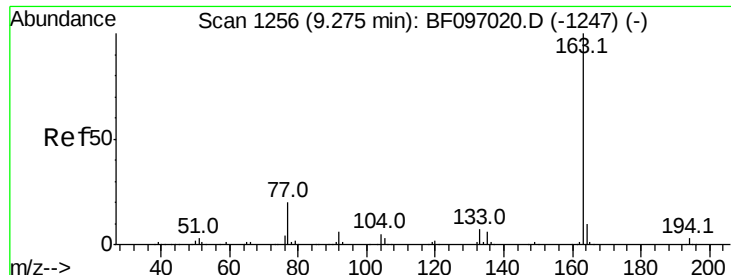
#44
 2-Fluorobiphenyl
 Concen: 30.136 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097137.D
 Acq: 27 Jul 2017 22:05

Tgt Ion:172 Resp: 326198
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.2 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

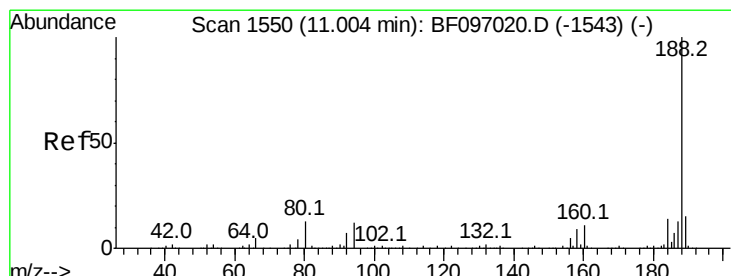
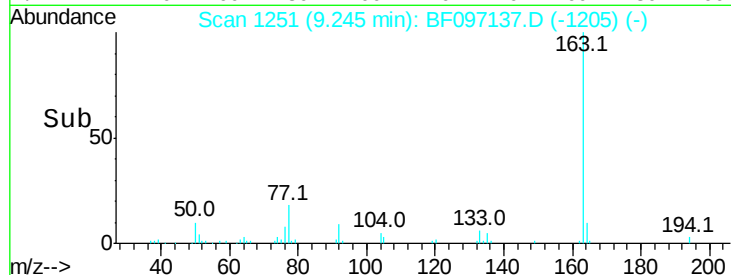
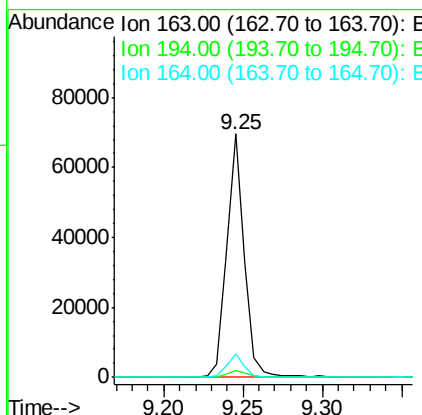
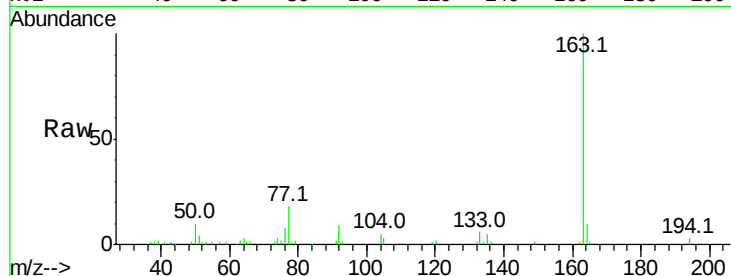




#49
Dimethylphthalate
Concen: 3.781 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097137.D
Acq: 27 Jul 2017 22:05

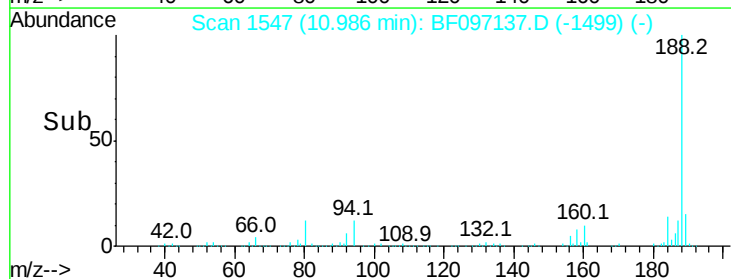
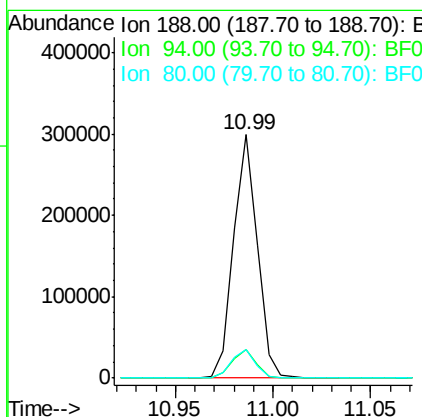
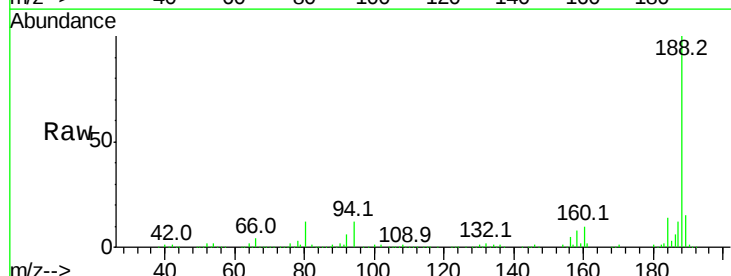
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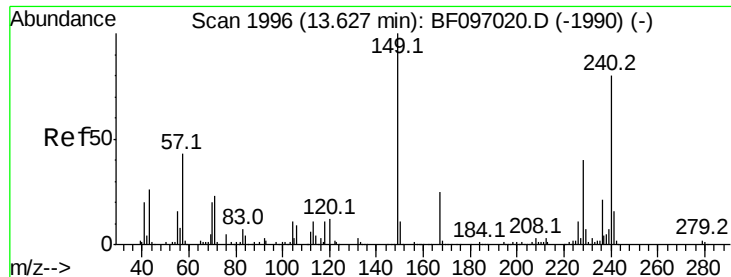
Tot Ion:163 Resp: 52746
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.6 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097137.D
Acq: 27 Jul 2017 22:05

Tgt Ion:188 Resp: 253392
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 11.8 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097137.D

Acq: 27 Jul 2017 22:05

Instrument :

BNA_F

ClientSampleId :

AU-06-072417-B

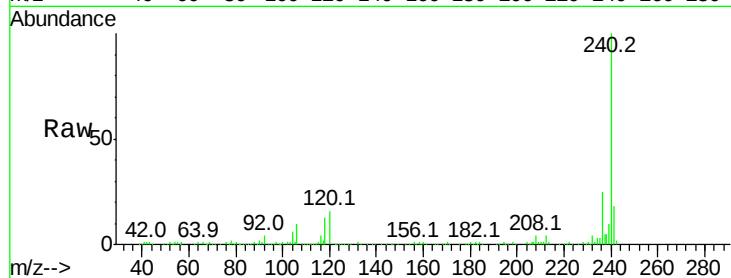
Tot Ion:240 Resp: 192098

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

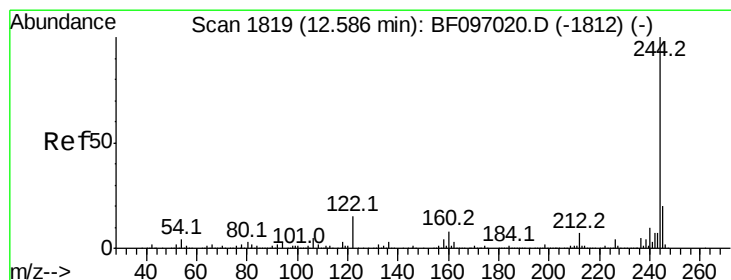
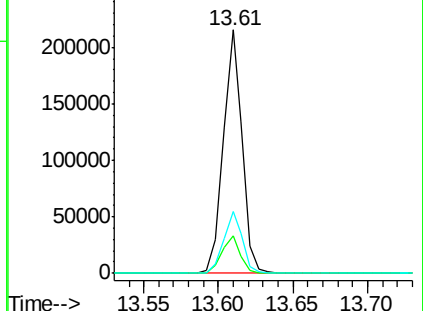
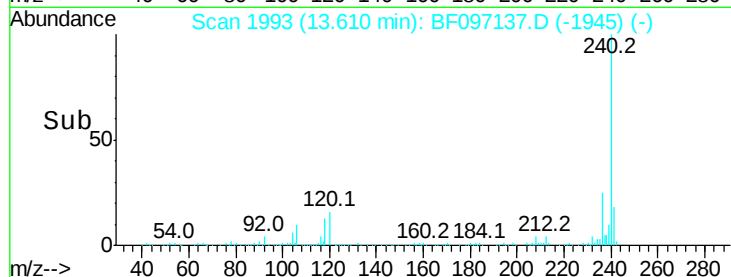
236 25.4 20.5 30.7



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: 21.453 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097137.D

Acq: 27 Jul 2017 22:05

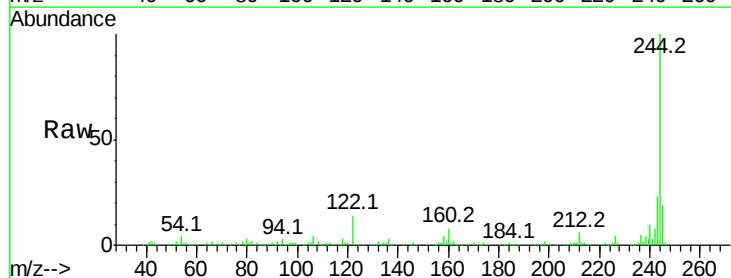
Tgt Ion:244 Resp: 202123

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

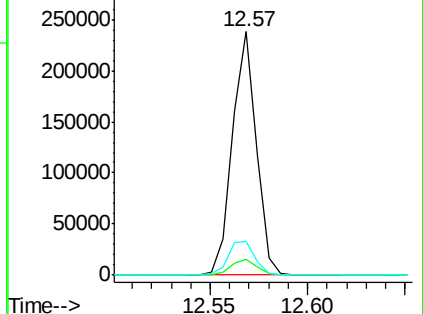
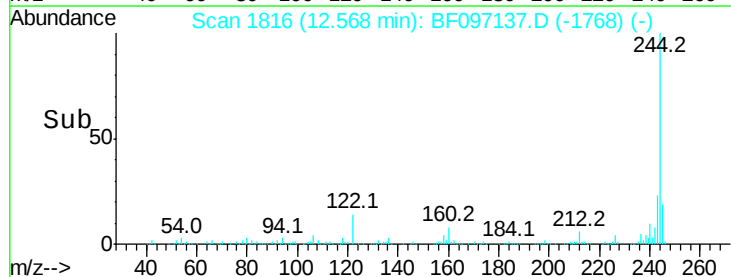
122 14.0 10.3 15.5

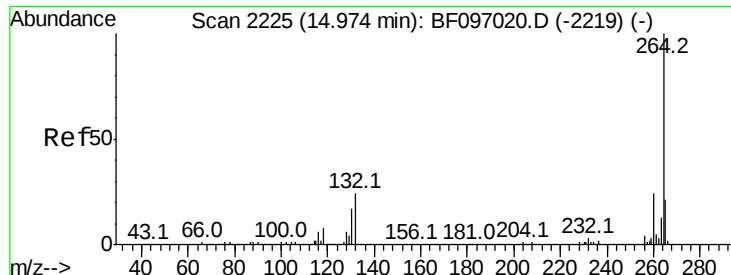


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

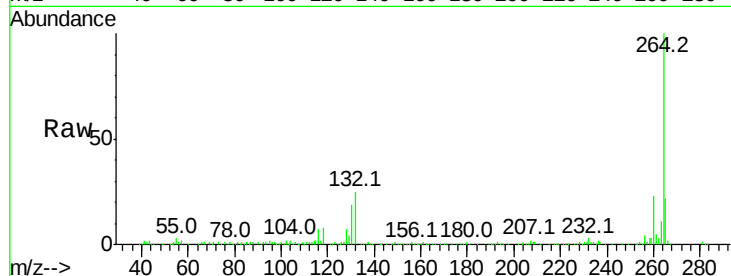




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF097137.D
Acq: 27 Jul 2017 22:05

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	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

