

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097305.D
 Acq On : 3 Aug 2017 7:49
 Operator : SJ/JU
 Sample : I4537-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-2-B

Quant Time: Aug 03 12:52:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

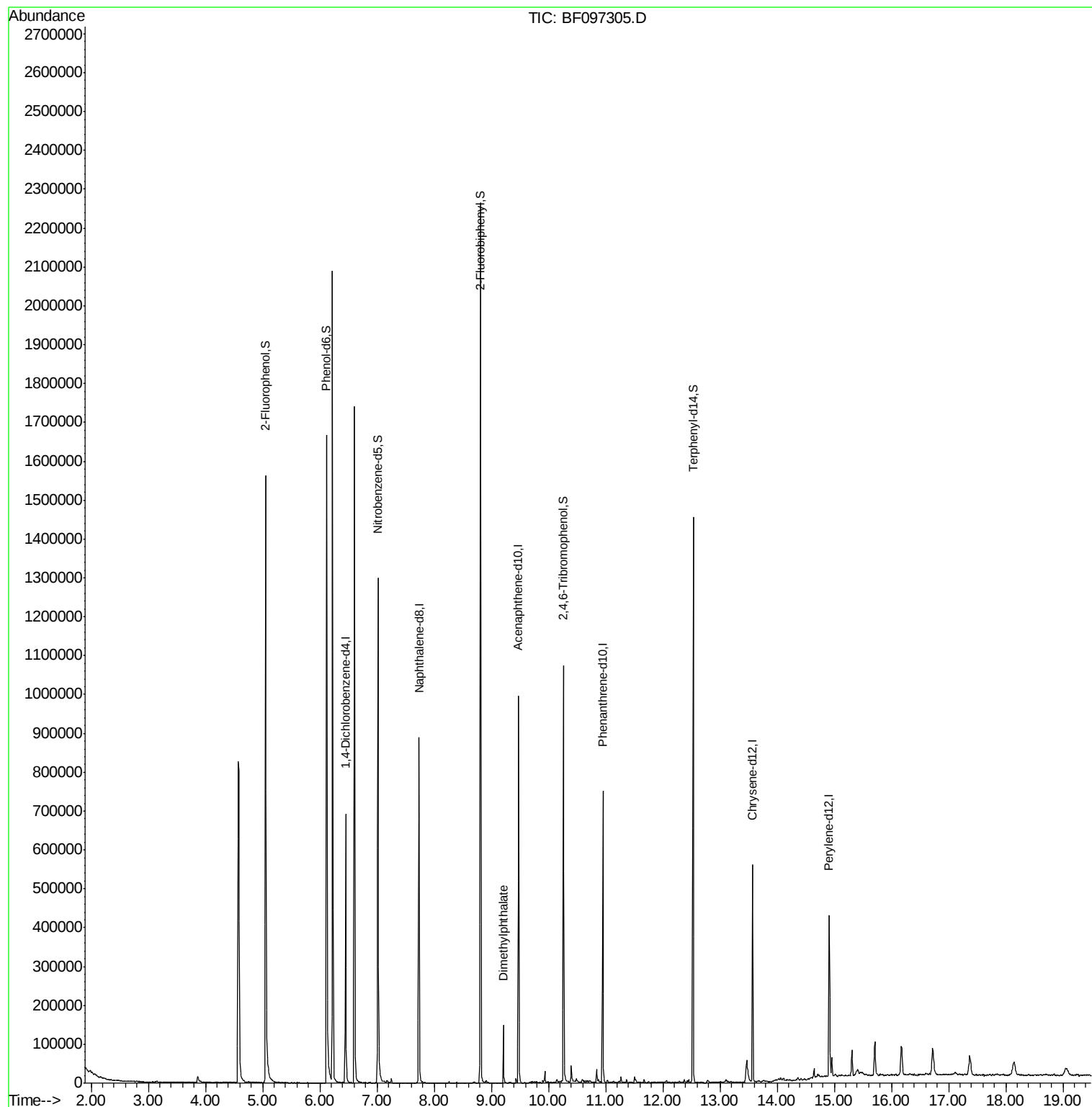
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	108091	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	407479	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	186829	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	283491	20.00	ng	0.00
75) Chrysene-d12	13.57	240	185258	20.00	ng	-0.01
86) Perylene-d12	14.92	264	169659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	506407	70.63	ng	0.00
7) Phenol-d6	6.12	99	664590	81.19	ng	0.00
23) Nitrobenzene-d5	7.02	82	434397	62.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.26	330	113675	77.01	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	729010	66.22	ng	0.00
78) Terphenyl-d14	12.53	244	458404	50.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.21	163	56153	3.958	ng	Qvalue 97

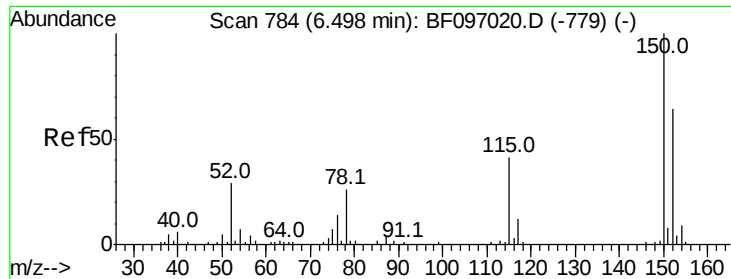
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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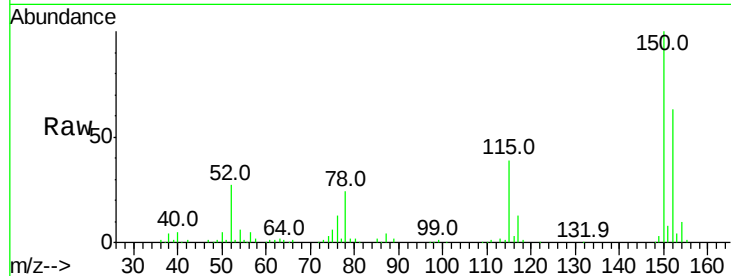


#1

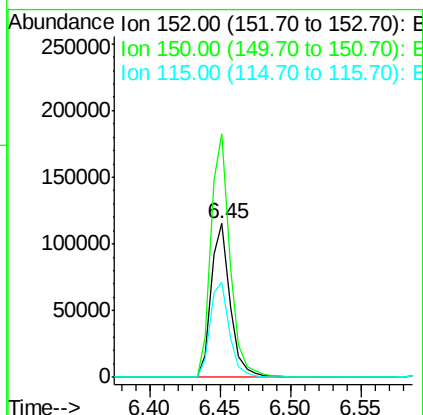
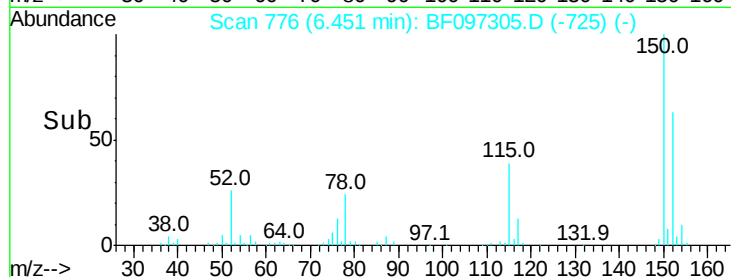
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097305.D
Acq: 3 Aug 2017 7:49

Instrument :
BNA_F
ClientSampleId :
GRID-2-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	62.2	52.2	78.2



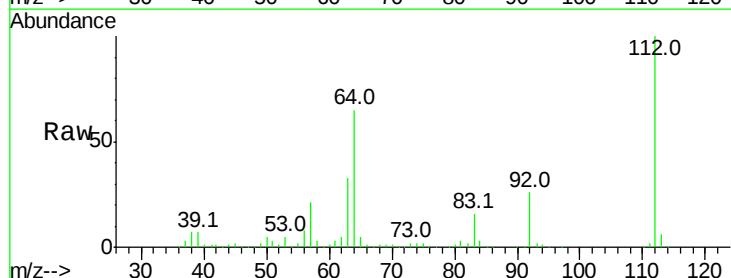
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



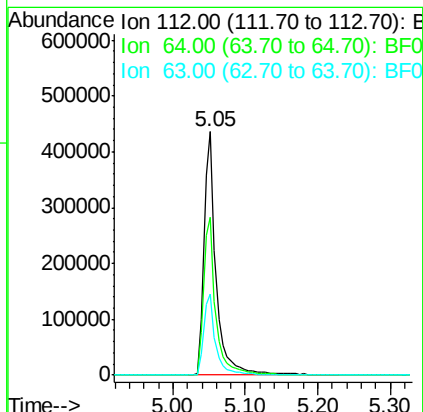
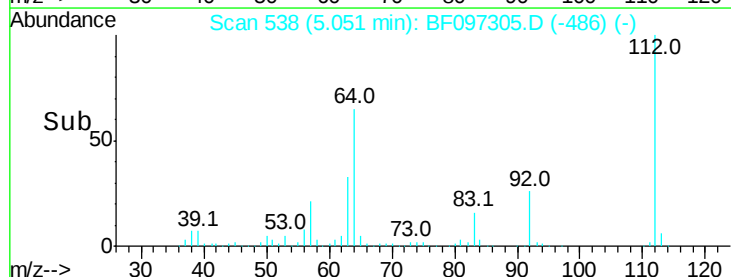
#5

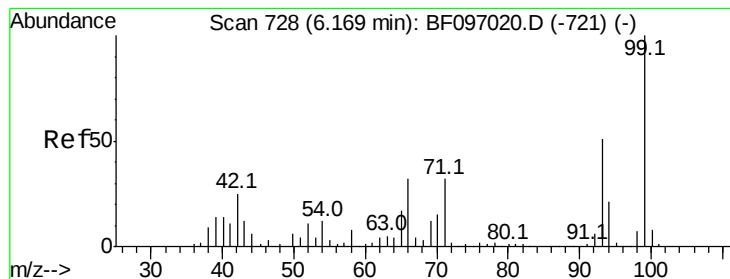
2-Fluorophenol
Concen: 70.626 ng
RT: 5.05 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF097305.D
Acq: 3 Aug 2017 7:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	33.2	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: 81.189 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097305.D

Acq: 3 Aug 2017 7:49

Instrument :

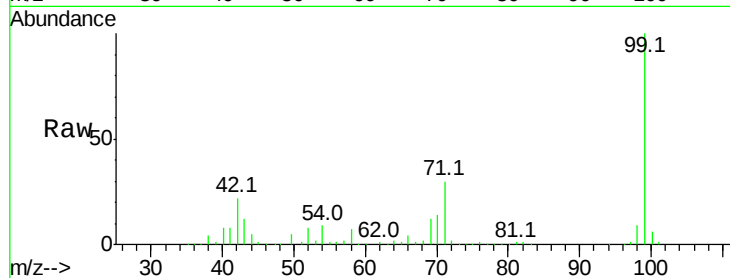
BNA_F

ClientSampleId :

GRID-2-B

Tot Ion: 99 Resp: 664590

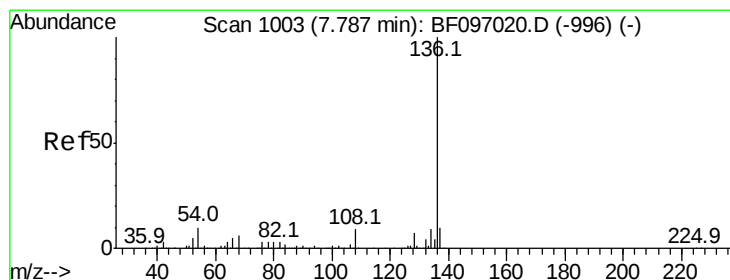
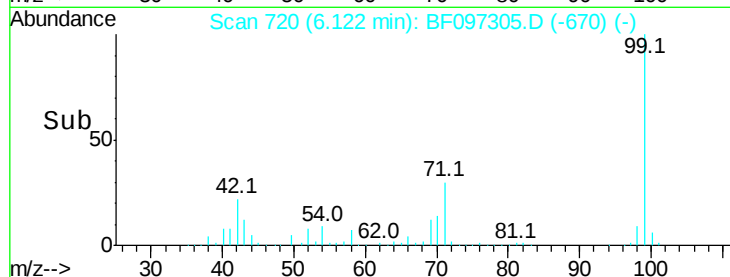
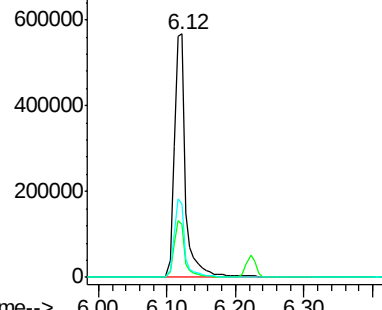
Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	30.3	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF097305.D

Acq: 3 Aug 2017 7:49

Tgt Ion: 136 Resp: 407479

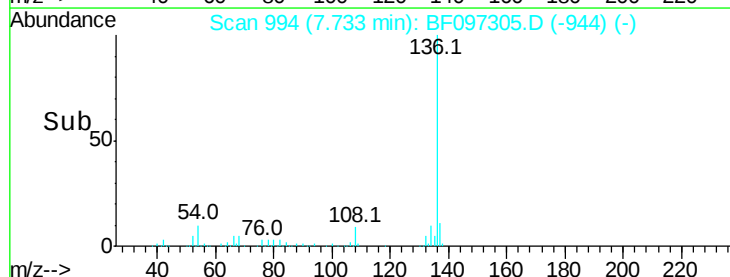
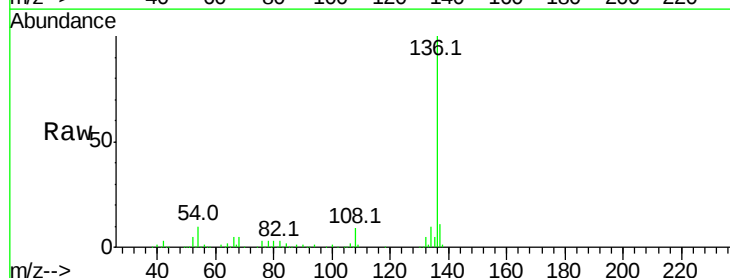
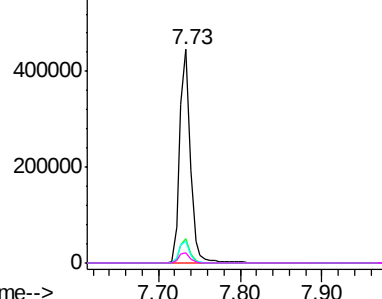
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.3	4.9	7.3#
68	4.8	4.1	6.1

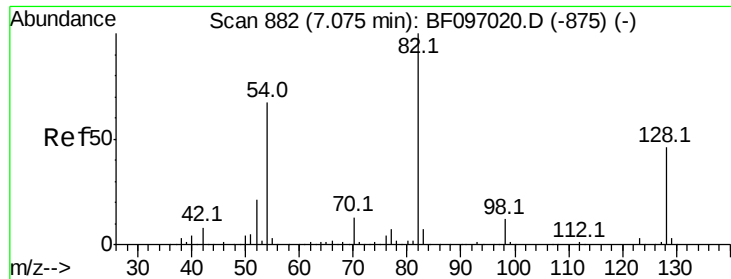
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

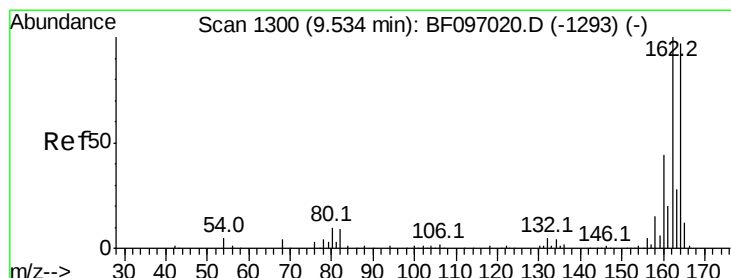
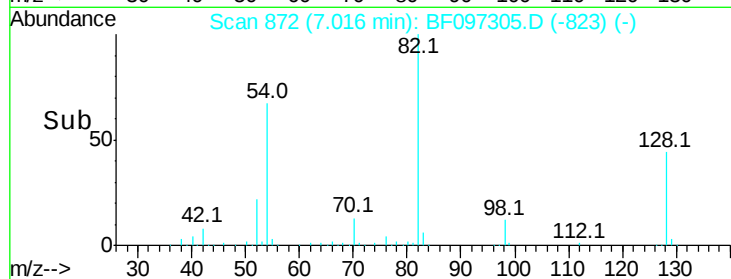
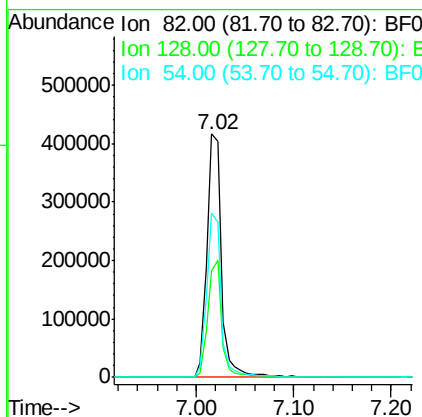
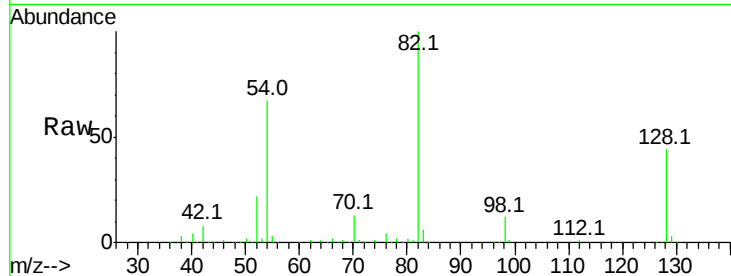




#23
 Nitrobenzene-d5
 Concen: 62.539 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF097305.D
 Acq: 3 Aug 2017 7:49

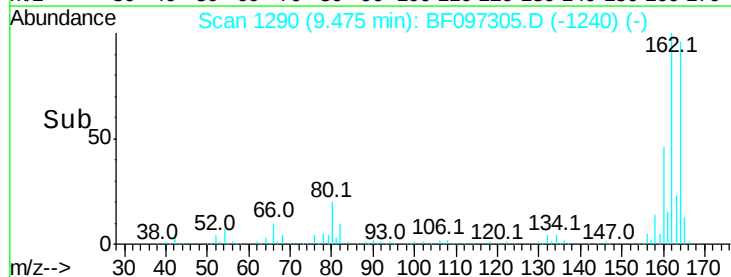
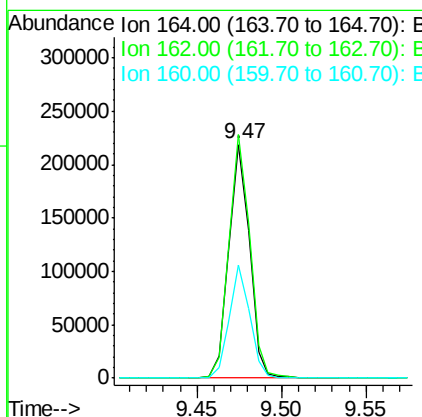
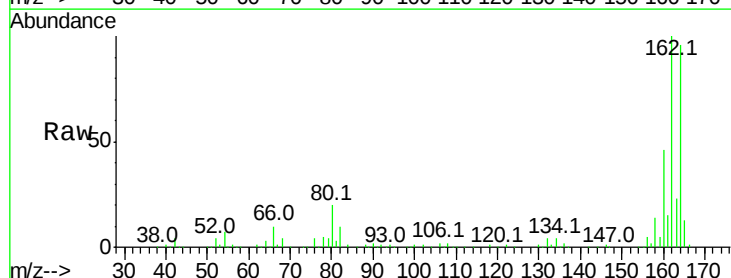
Instrument :
 BNA_F
 ClientSampled :
 GRID-2-B

Tot Ion: 82 Resp: 434397
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.0 51.0
 54 67.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097305.D
 Acq: 3 Aug 2017 7:49

Tgt Ion:164 Resp: 186829
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 48.3 36.2 54.2

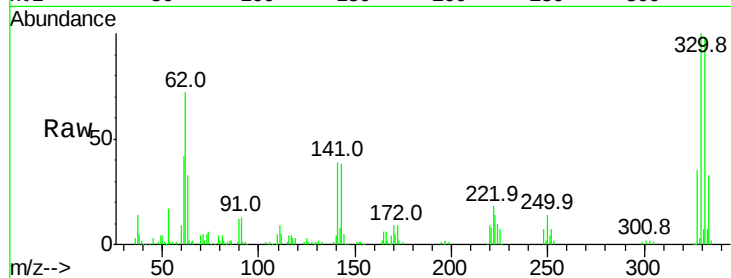




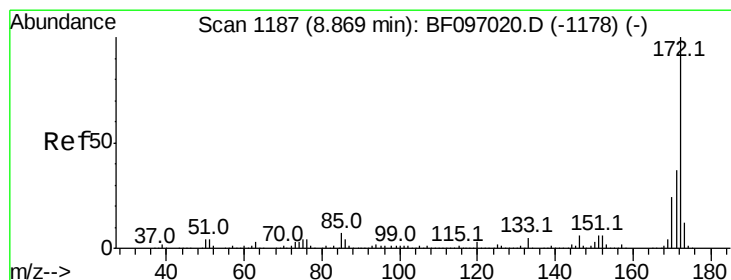
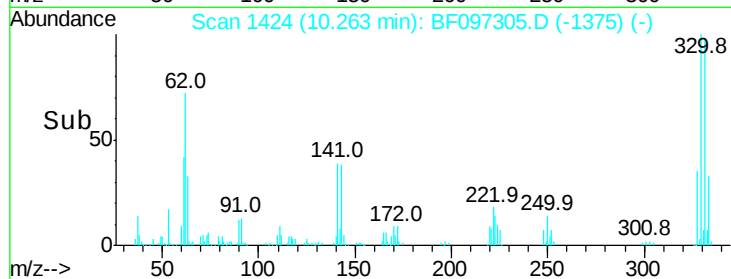
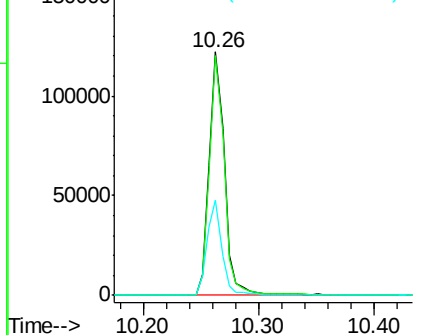
#41
 2,4,6-Tribromophenol
 Concen: 77.009 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097305.D
 Acq: 3 Aug 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 GRID-2-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	37.7	31.4	47.2

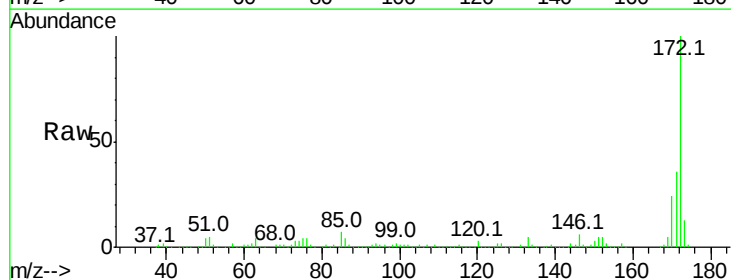


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

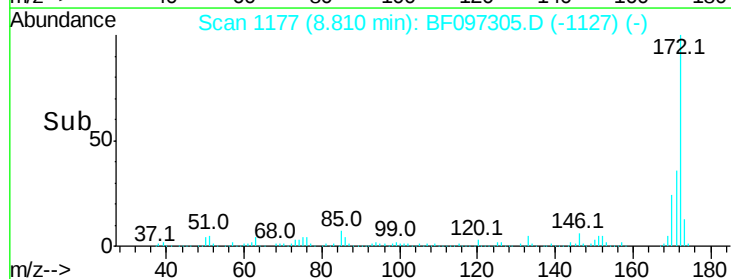
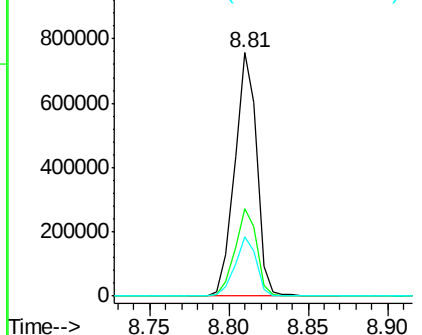


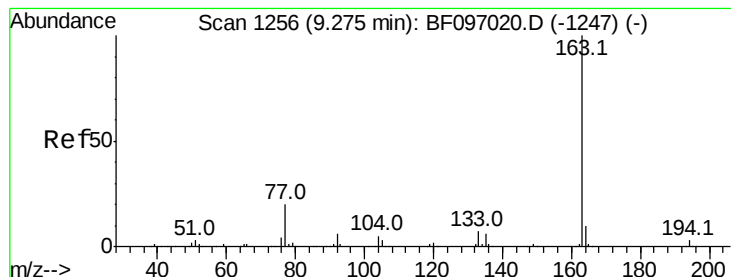
#44
 2-Fluorobiphenyl
 Concen: 66.221 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF097305.D
 Acq: 3 Aug 2017 7:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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





#49

Dimethylphthalate

Concen: 3.958 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF097305.D

Acq: 3 Aug 2017 7:49

Instrument :

BNA_F

ClientSampleId :

GRID-2-B

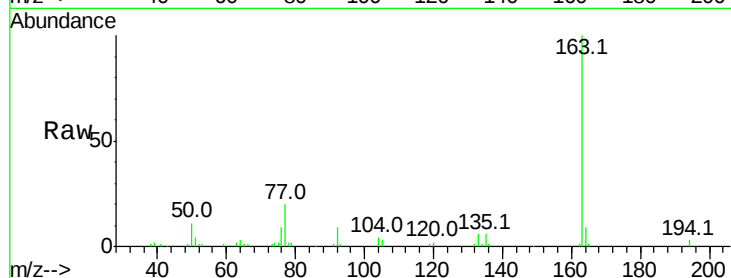
Tot Ion:163 Resp: 56153

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

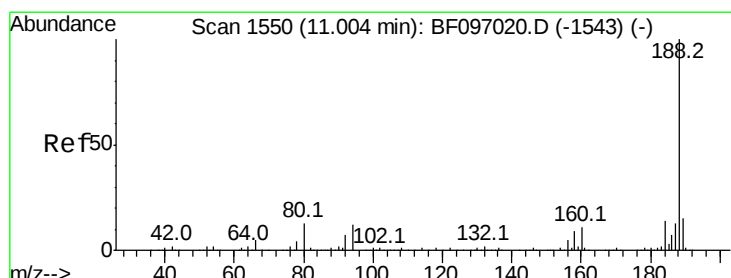
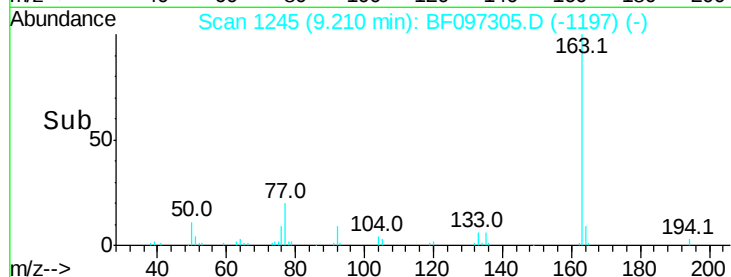
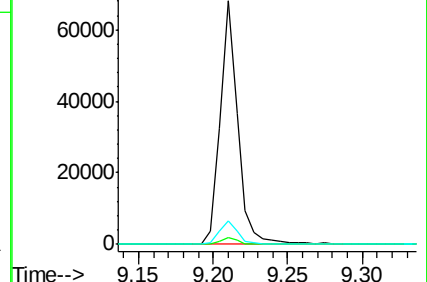
164 9.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.95 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF097305.D

Acq: 3 Aug 2017 7:49

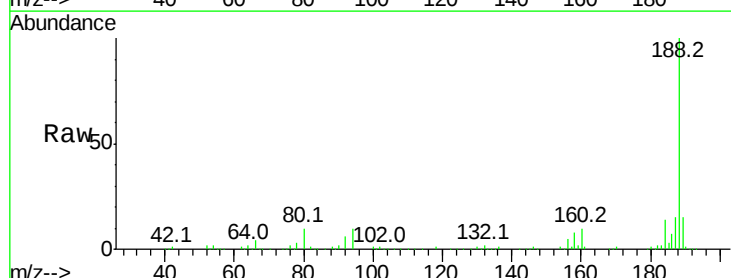
Tgt Ion:188 Resp: 283491

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

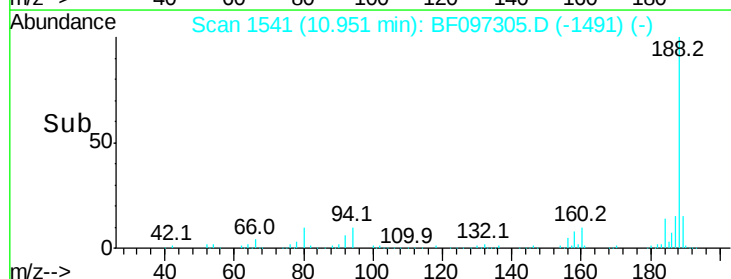
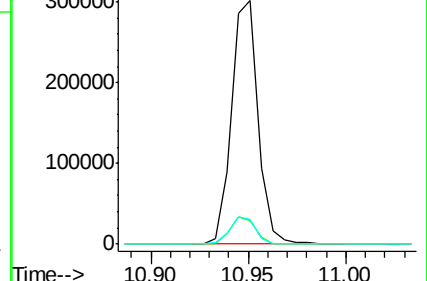
80 10.2 10.2 15.2

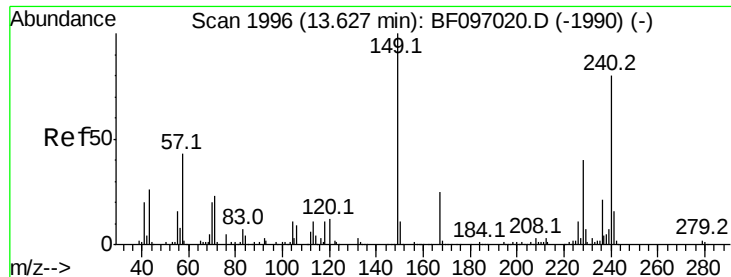


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.57 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF097305.D

Acq: 3 Aug 2017 7:49

Instrument :

BNA_F

ClientSampleId :

GRID-2-B

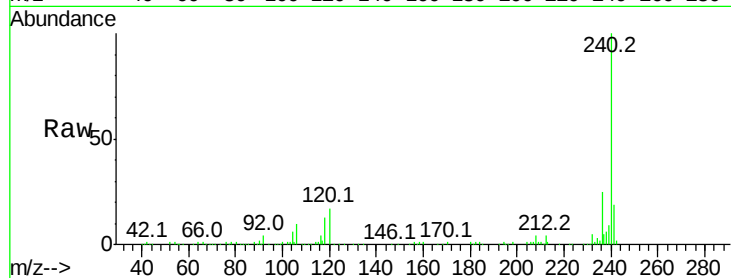
Tot Ion:240 Resp: 185258

Ion Ratio Lower Upper

240 100

120 17.1 5.8 8.8#

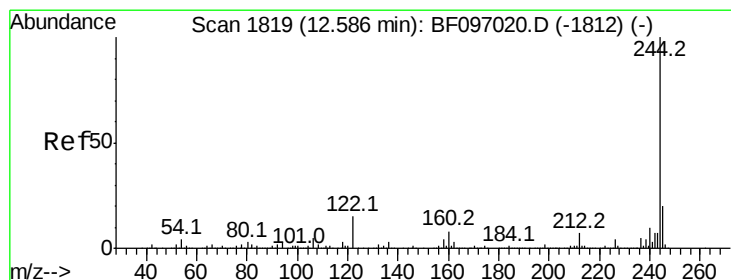
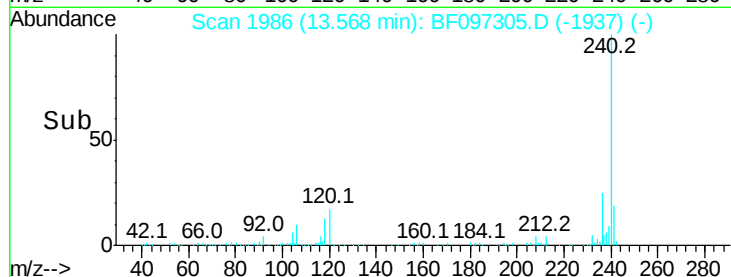
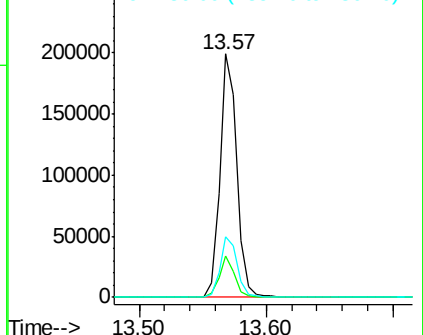
236 24.8 20.5 30.7



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: 50.450 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097305.D

Acq: 3 Aug 2017 7:49

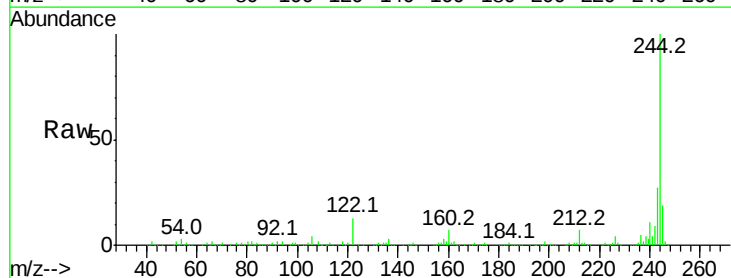
Tgt Ion:244 Resp: 458404

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

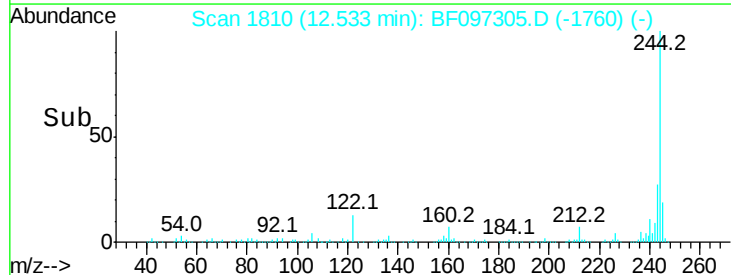
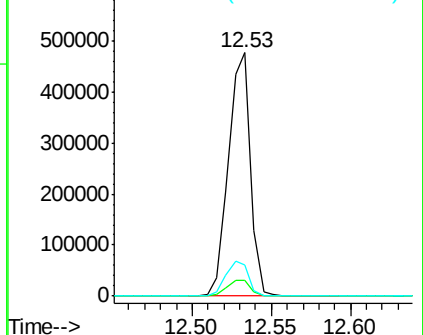
122 12.6 10.3 15.5

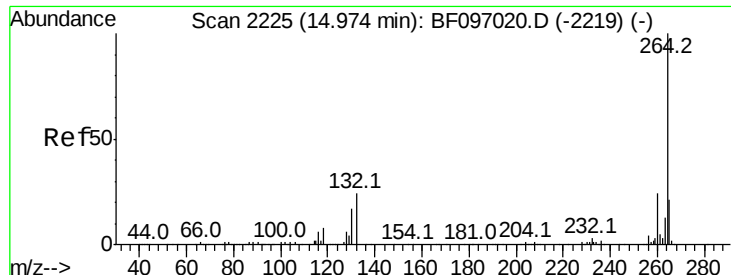


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

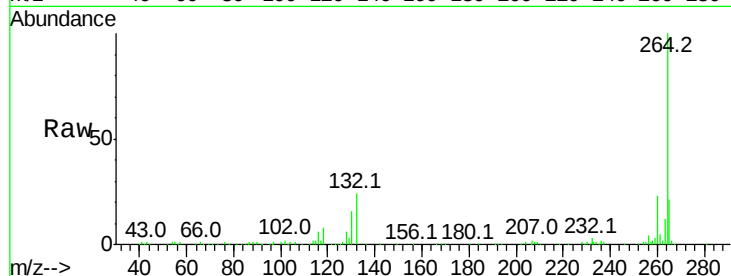




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.92 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BF097305.D
 Acq: 3 Aug 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 GRID-2-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.7	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

