

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097148.D
 Acq On : 28 Jul 2017 12:20
 Operator : SJ/JU
 Sample : I4397-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2A-14.5-15.0-072117

Quant Time: Jul 28 13:53:30 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

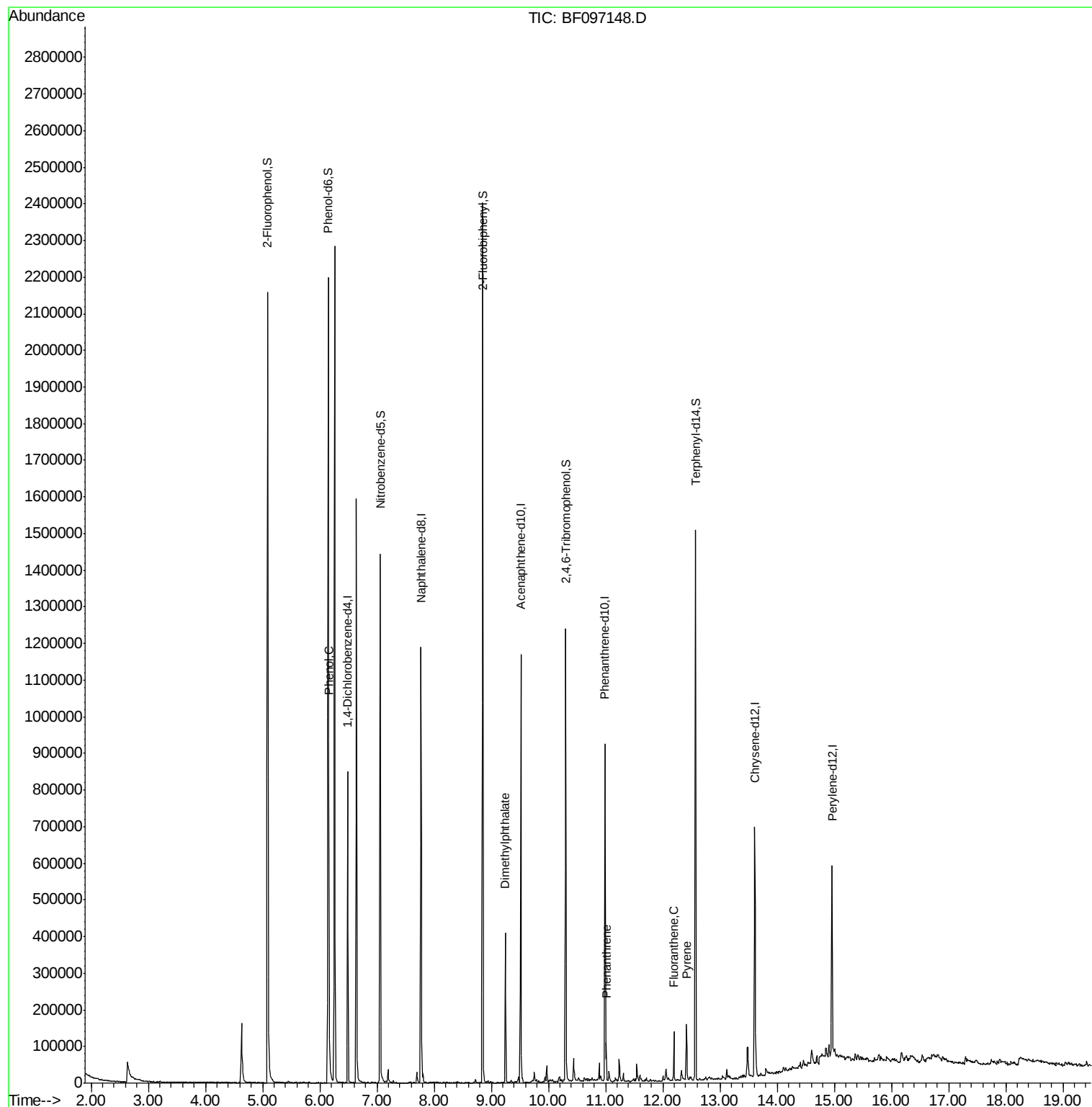
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	119583	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	495629	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	220760	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	324645	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	208936	20.00	ng	-0.02
86) Perylene-d12	14.96	264	218629	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	650937	82.06	ng	-0.01
7) Phenol-d6	6.15	99	775677	85.65	ng	-0.02
23) Nitrobenzene-d5	7.06	82	446697	52.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	143392	82.21	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	778223	59.83	ng	-0.02
78) Terphenyl-d14	12.57	244	474090	46.26	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	29317	2.729	ng	94
49) Dimethylphthalate	9.25	163	149171	8.898	ng	100
70) Phenanthrene	11.01	178	34913	2.007	ng	96
74) Fluoranthene	12.19	202	46230	2.713	ng	99
77) Pyrene	12.42	202	34923	2.042	ng	99

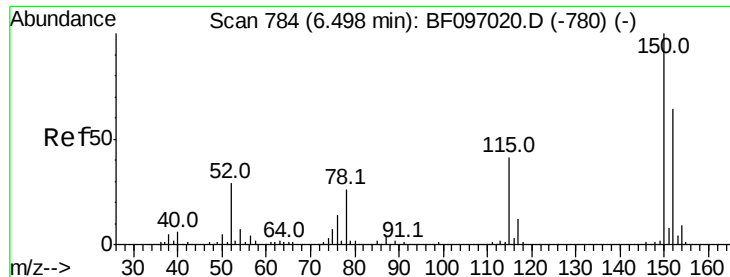
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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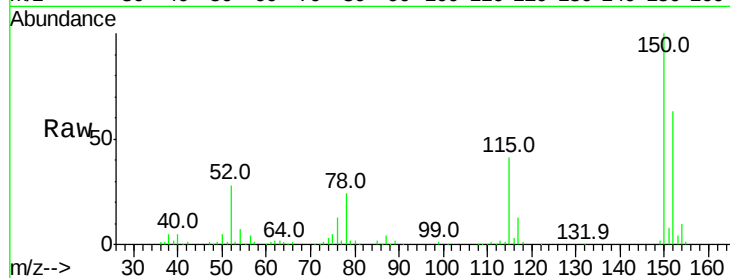


#1

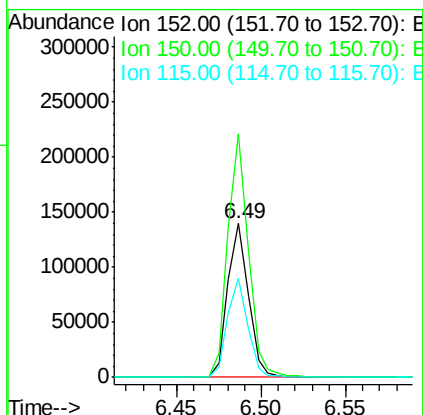
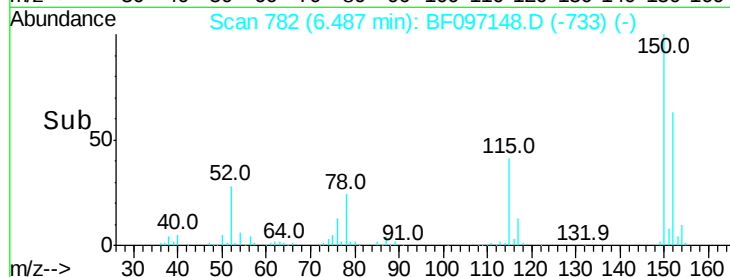
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tot Ion:152 Resp: 119583
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 64.1 52.2 78.2



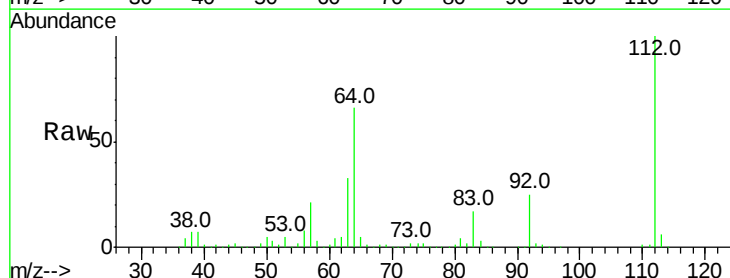
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



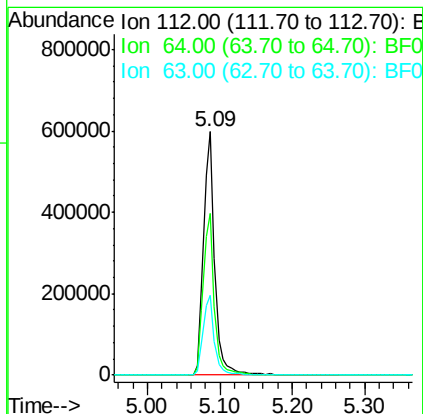
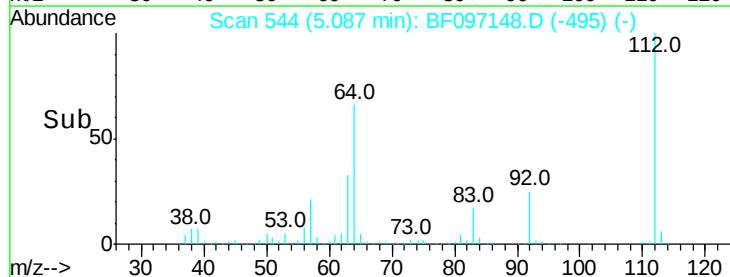
#5

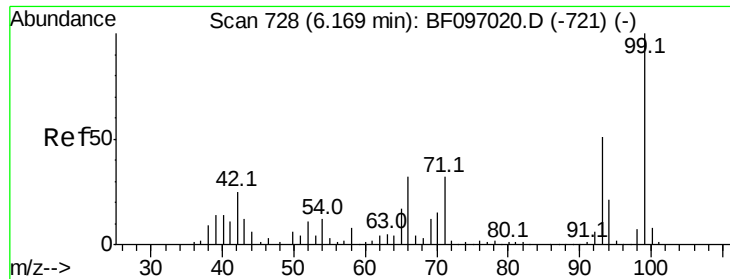
2-Fluorophenol
Concen: 82.058 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion:112 Resp: 650937
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 33.0 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: 85.653 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097148.D

Acq: 28 Jul 2017 12:20

Instrument :

BNA_F

ClientSampleId :

T-2A-14.5-15.0-072117

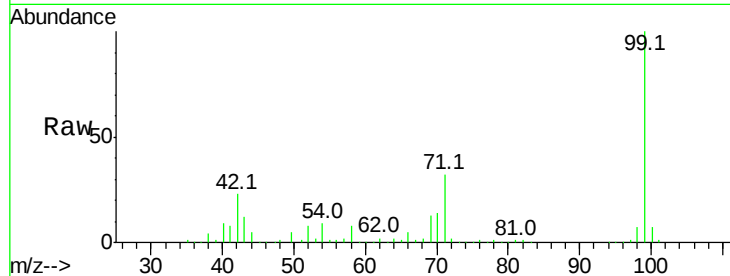
Tot Ion: 99 Resp: 775677

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

71 32.4 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

6.15

800000

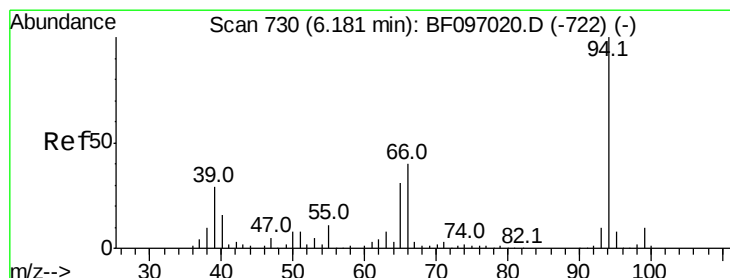
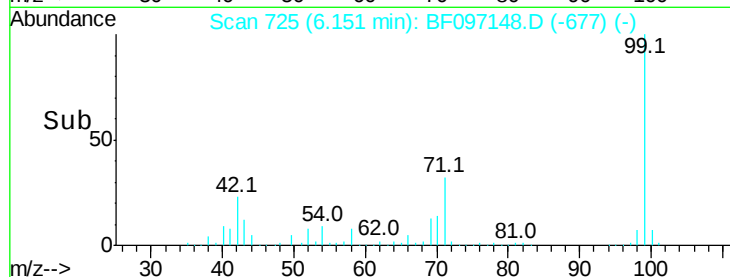
600000

400000

200000

0

Time-->



#10

Phenol

Concen: 2.729 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097148.D

Acq: 28 Jul 2017 12:20

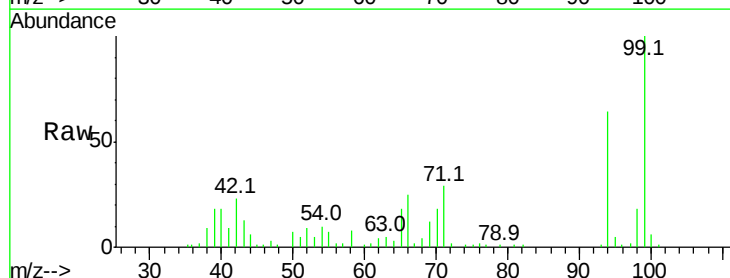
Tgt Ion: 94 Resp: 29317

Ion Ratio Lower Upper

94 100

65 27.6 9.9 49.9

66 38.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

200000

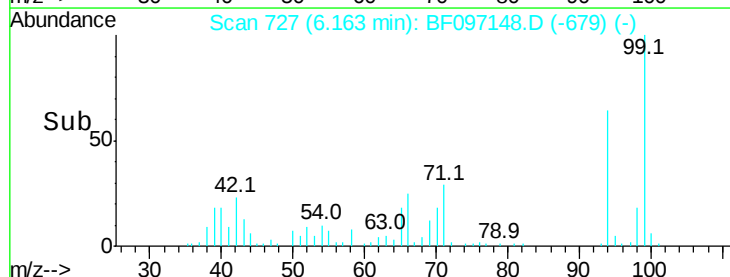
150000

100000

50000

0

Time-->

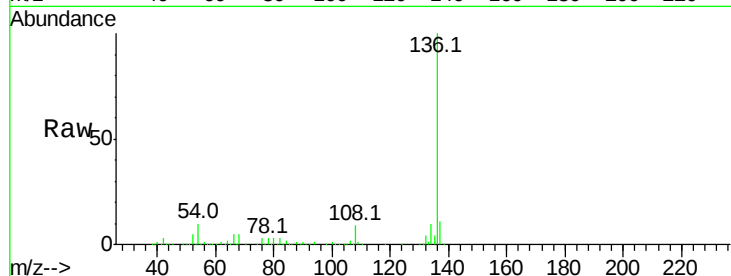




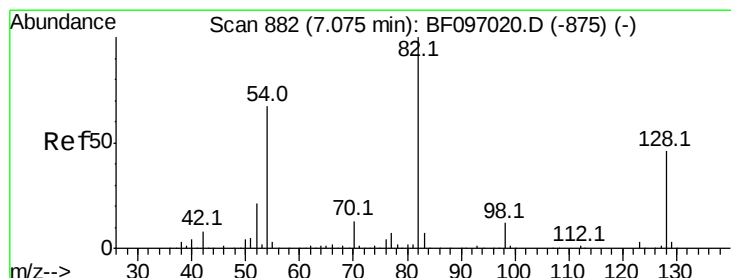
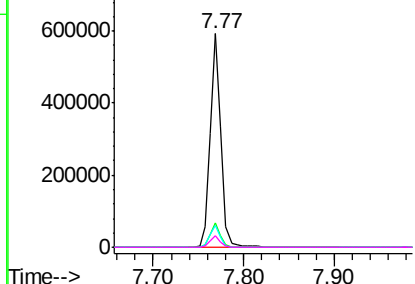
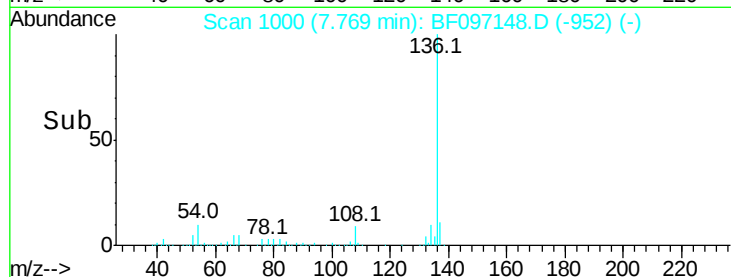
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tot Ion:136	Resp:	495629
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	10.5	4.9 7.3#
68	5.3	4.1 6.1

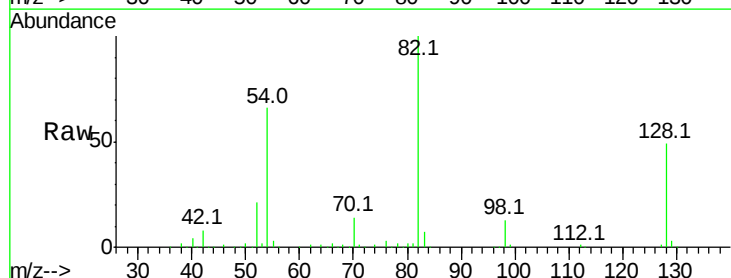


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

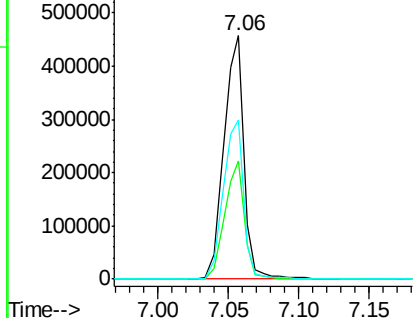
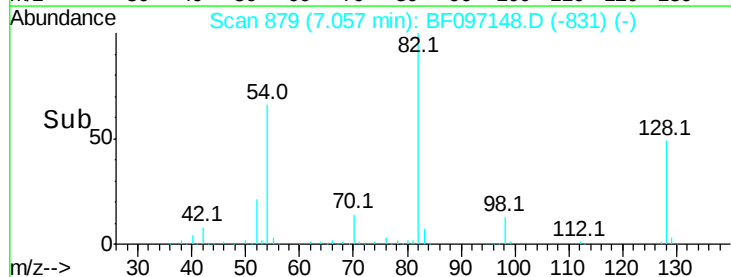


#23
Nitrobenzene-d5
Concen: 52.872 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion: 82	Resp:	446697
Ion Ratio	Lower	Upper
82	100	
128	48.8	34.0 51.0
54	65.6	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

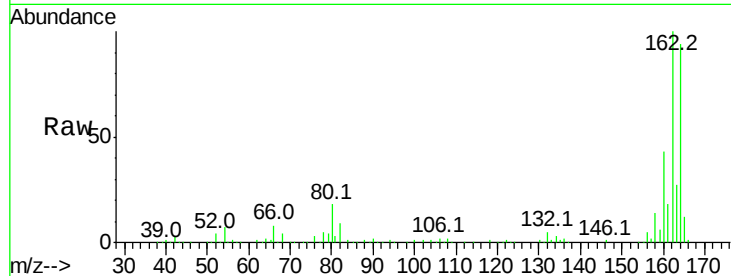




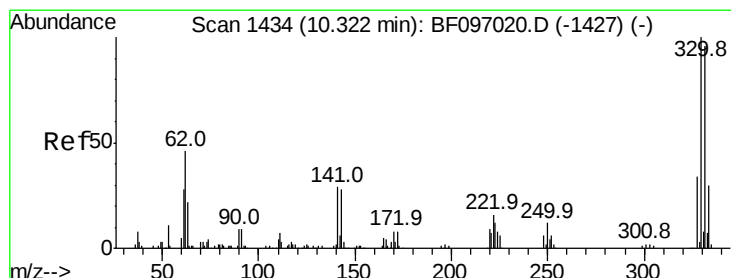
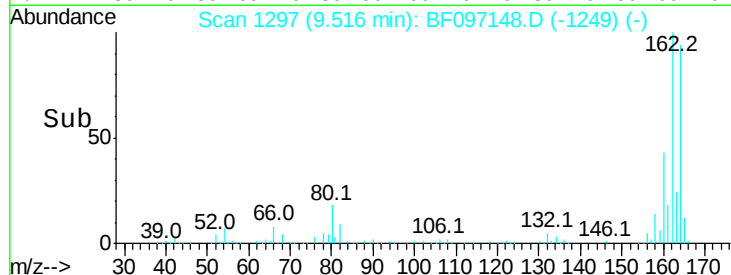
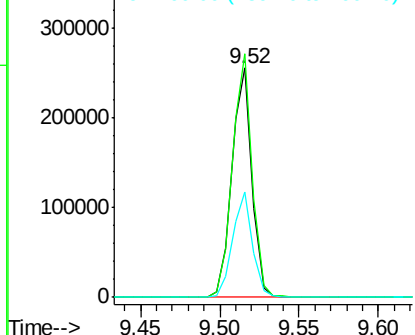
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097148.D
 Acq: 28 Jul 2017 12:20

Instrument :
 BNA_F
 ClientSampleId :
 T-2A-14.5-15.0-072117

Tot Ion:164 Resp: 220760
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.6 123.8
 160 46.0 36.2 54.2

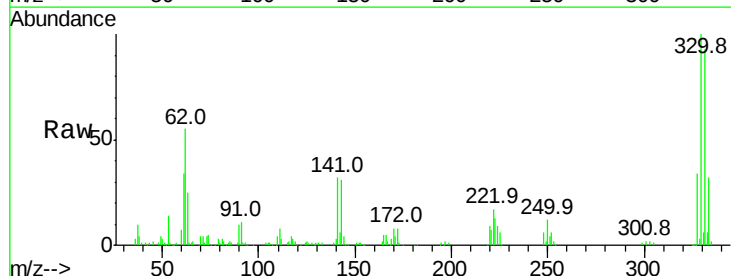


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

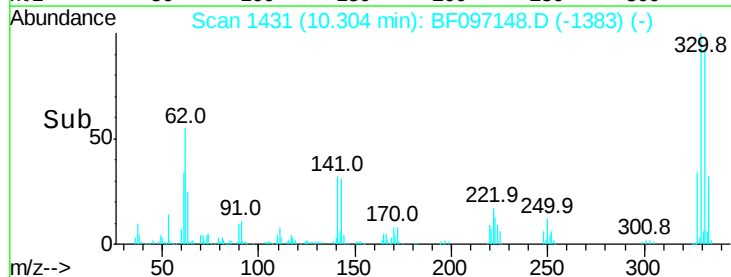
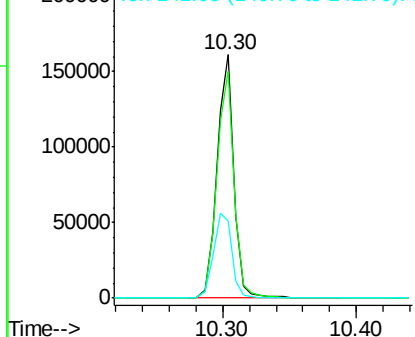


#41
 2,4,6-Tribromophenol
 Concen: 82.210 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097148.D
 Acq: 28 Jul 2017 12:20

Tgt Ion:330 Resp: 143392
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.2 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

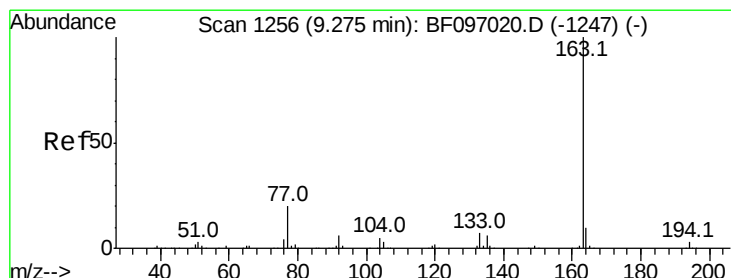
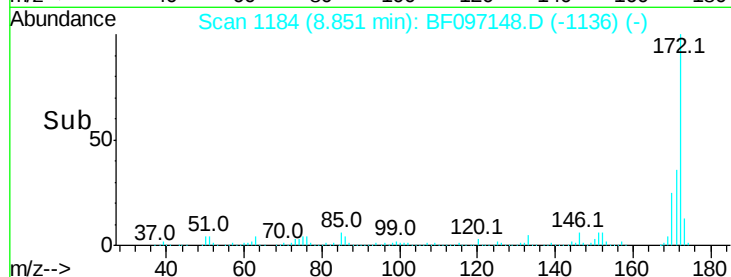
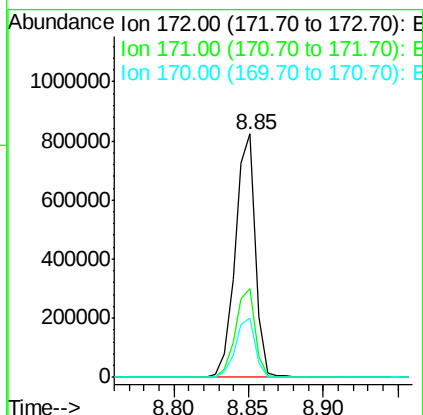
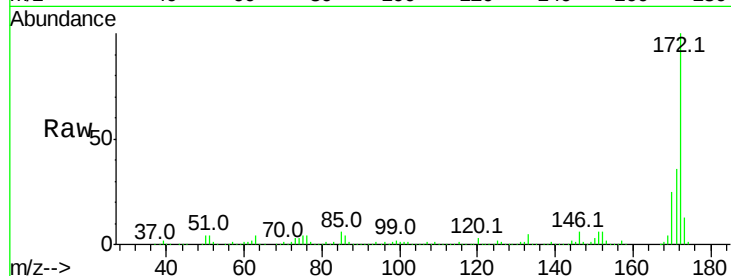




#44
2-Fluorobiphenyl
Concen: 59.826 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

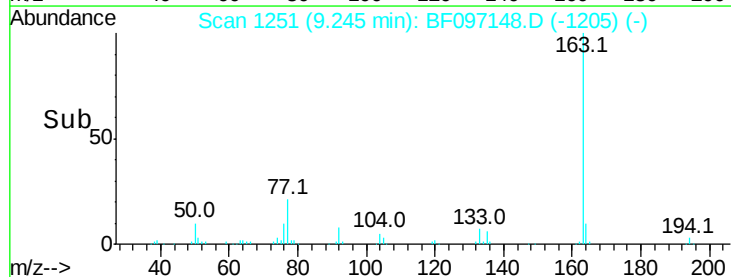
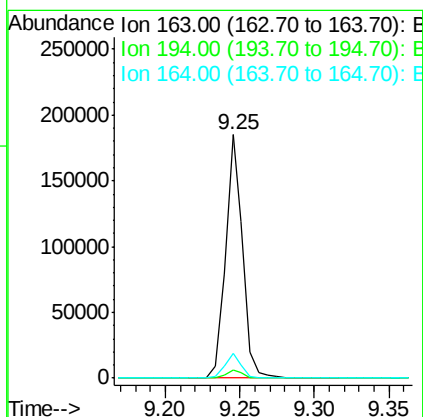
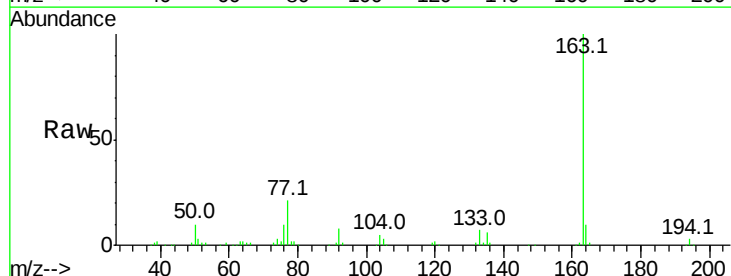
Instrument :
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ClientSampleId :
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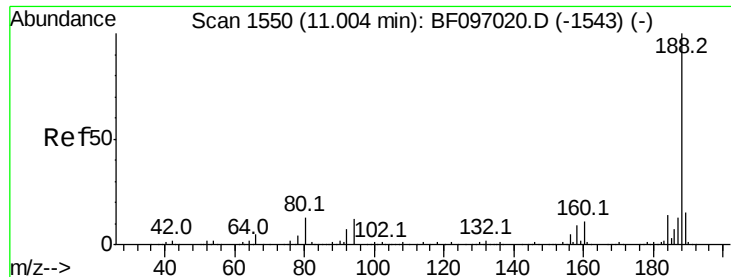
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8



#49
Dimethylphthalate
Concen: 8.898 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6

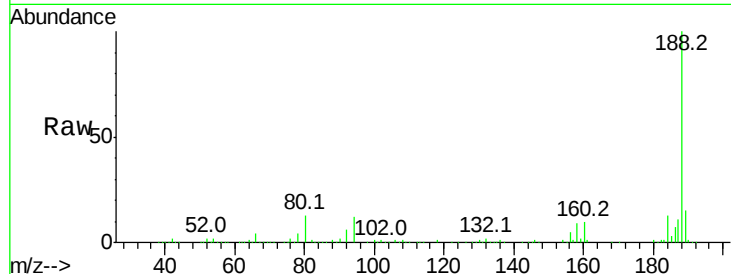




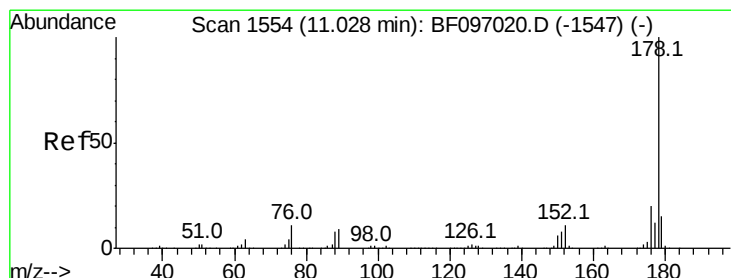
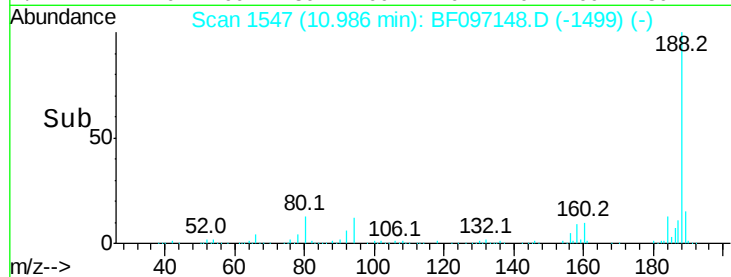
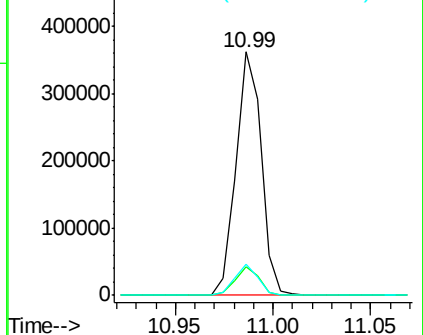
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tot Ion:188 Resp: 324645
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 12.5 10.2 15.2

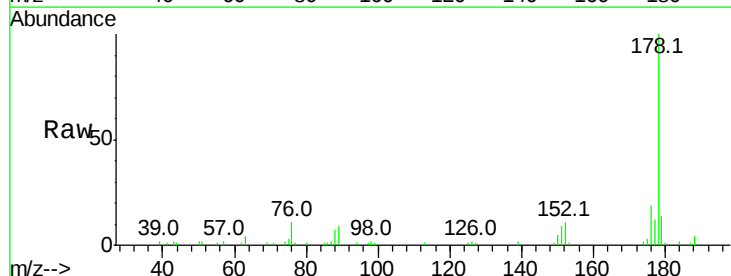


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

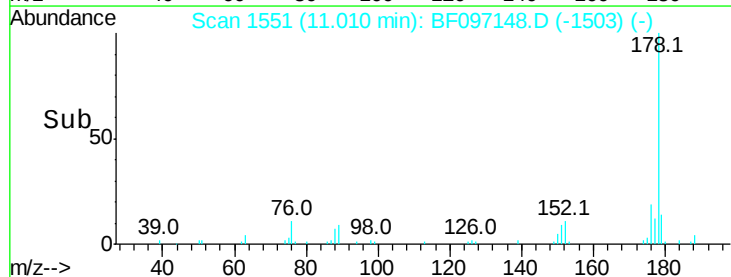
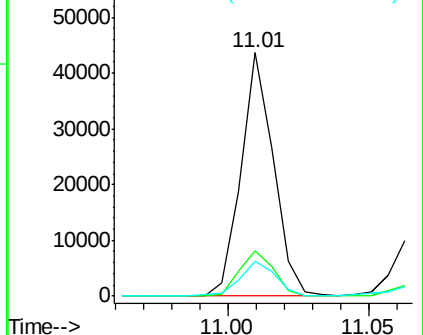


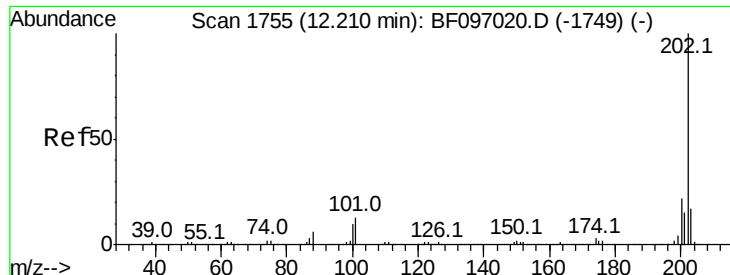
#70
Phenanthrene
Concen: 2.007 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Tgt Ion:178 Resp: 34913
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.4
179 14.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

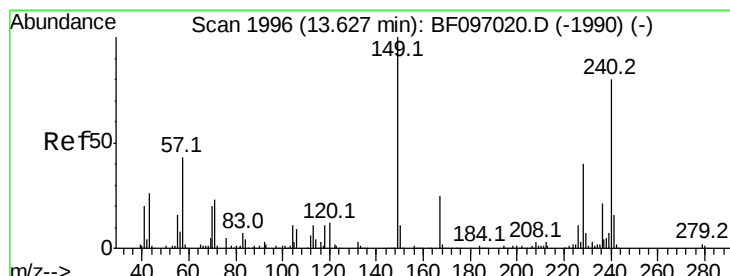
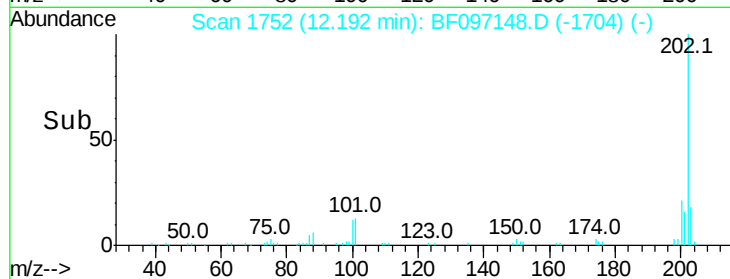
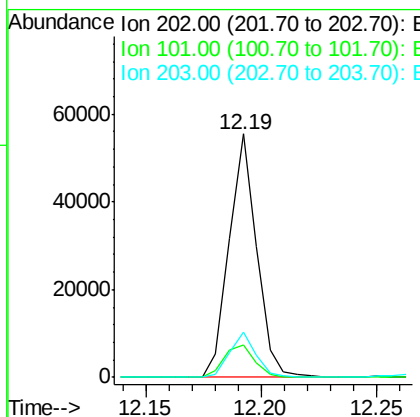
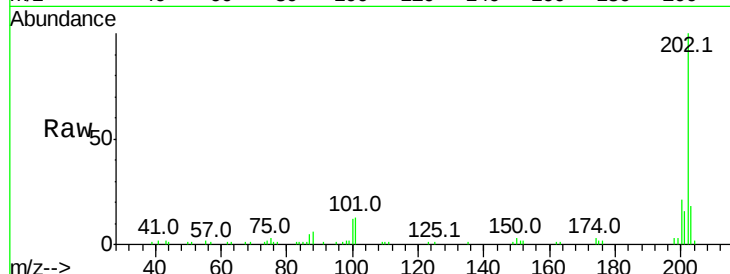




#74
 Fluoranthene
 Concen: 2.713 ng
 RT: 12.19 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF097148.D
 Acq: 28 Jul 2017 12:20

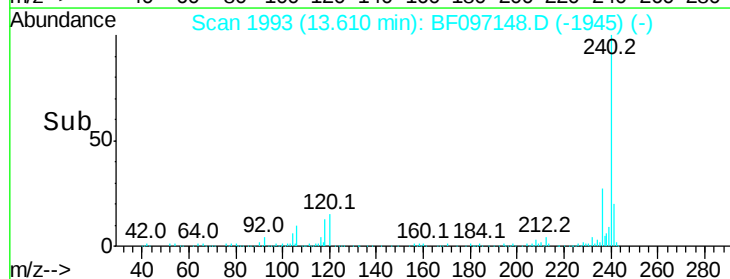
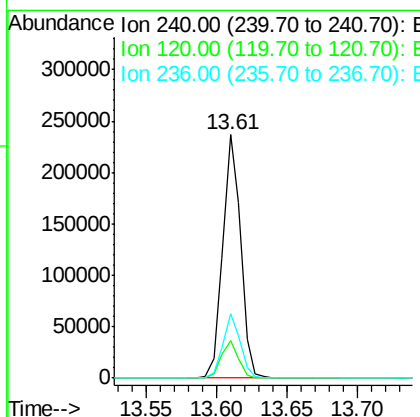
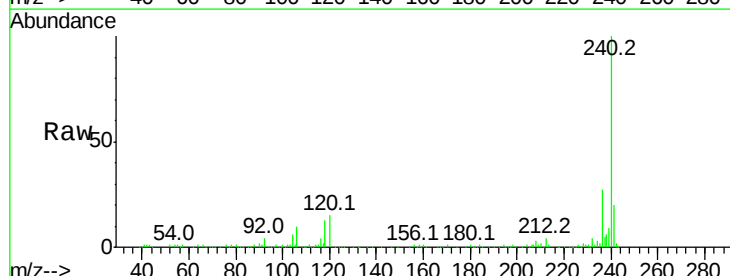
Instrument :
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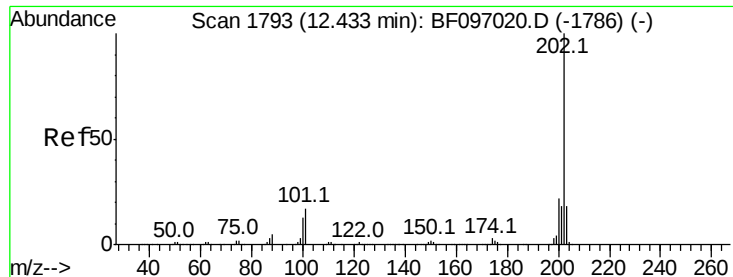
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	18.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097148.D
 Acq: 28 Jul 2017 12:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	26.6	20.5	30.7





#77

Pvrene

Concen: 2.042 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF097148.D

Acq: 28 Jul 2017 12:20

Instrument :

BNA_F

ClientSampleId :

T-2A-14.5-15.0-072117

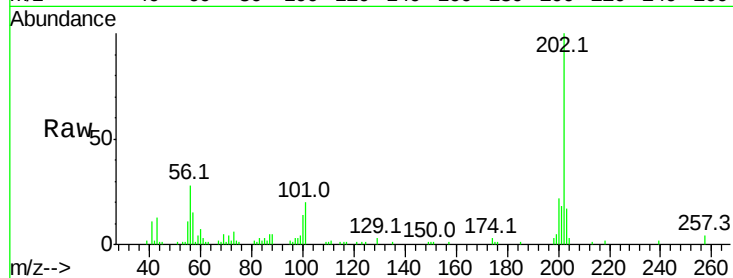
Tot Ion:202 Resp: 34923

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

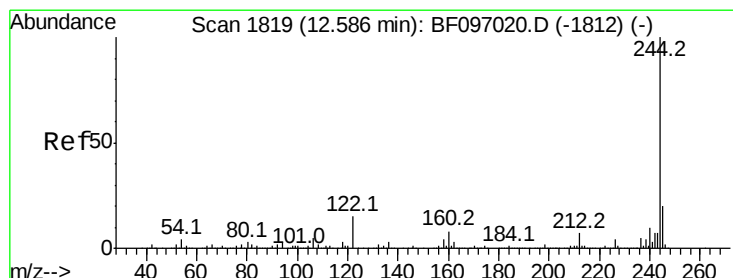
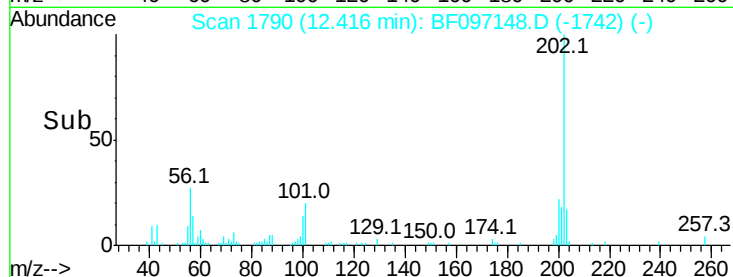
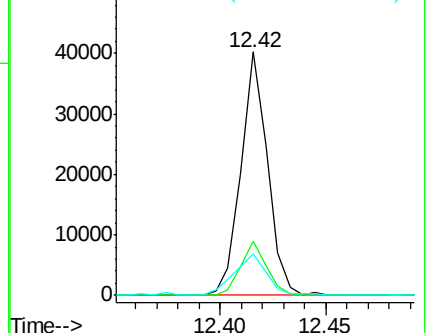
203 17.1 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 46.263 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097148.D

Acq: 28 Jul 2017 12:20

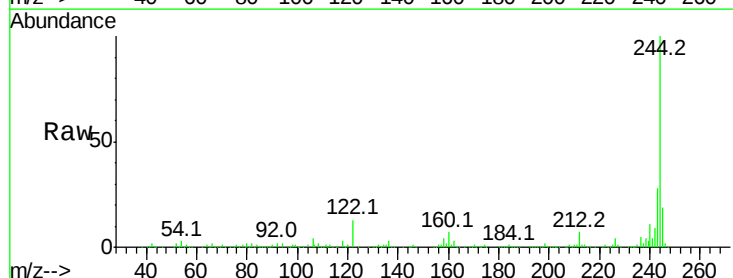
Tgt Ion:244 Resp: 474090

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

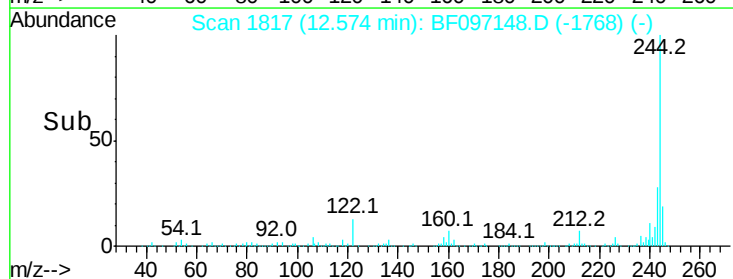
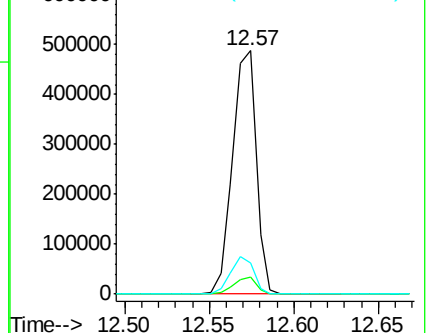
122 12.6 10.3 15.5

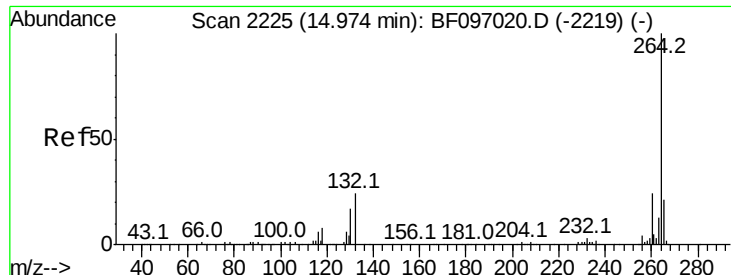


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097148.D
Acq: 28 Jul 2017 12:20

Instrument :
BNA_F
ClientSampleId :
T-2A-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	17.2	25.8

