

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097231.D
 Acq On : 1 Aug 2017 14:32
 Operator : SJ/JU
 Sample : I4488-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-D

Quant Time: Aug 01 15:47:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 14:57:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	88600	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	387502	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	139459	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	217053	20.00	ng	0.00
75) Chrysene-d12	13.59	240	185443	20.00	ng	0.00
86) Perylene-d12	14.93	264	153787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	628847	107.00	ng	0.01
7) Phenol-d6	6.15	99	685787	102.21	ng	0.00
23) Nitrobenzene-d5	7.03	82	477272	72.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	119320	108.29	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	770967	93.82	ng	0.00
78) Terphenyl-d14	12.55	244	524291	57.64	ng	0.00

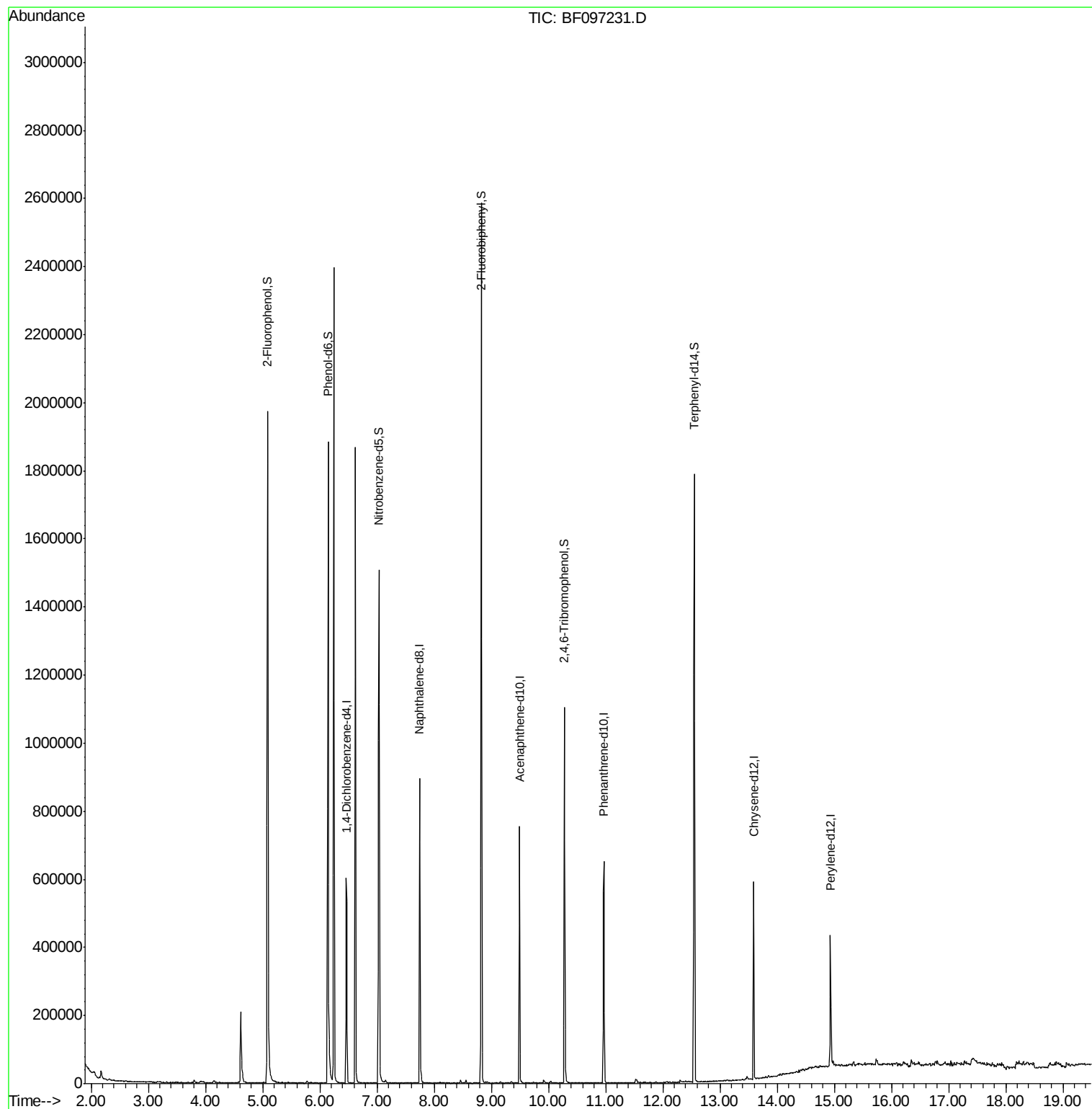
Target Compounds Qvalue

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

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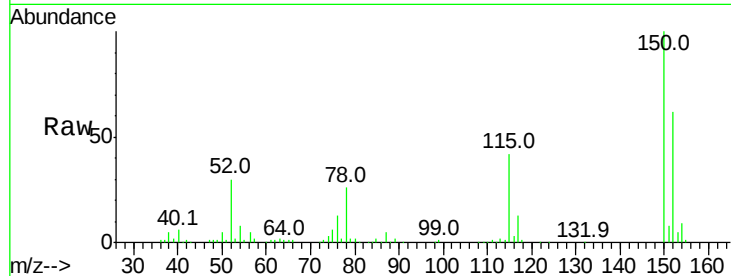


#1

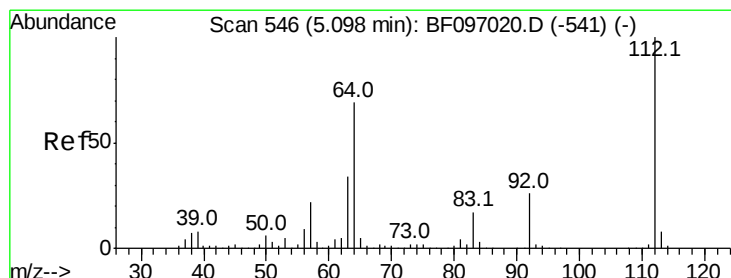
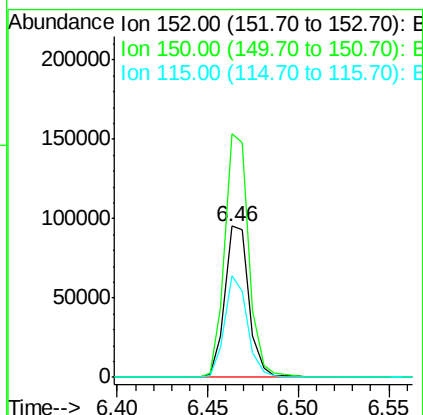
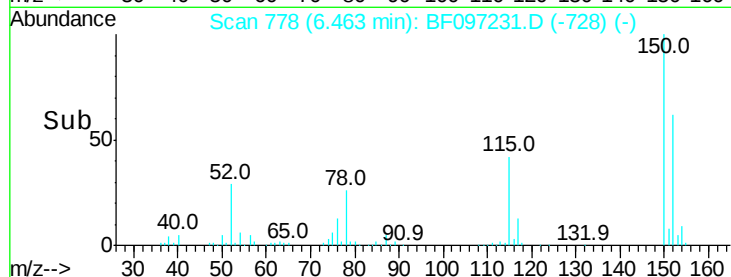
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF097231.D
 Acq: 1 Aug 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-D

Tot Ion:152 Resp: 88600
 Ion Ratio Lower Upper
 152 100
 150 161.4 126.2 189.2
 115 67.5 52.2 78.2



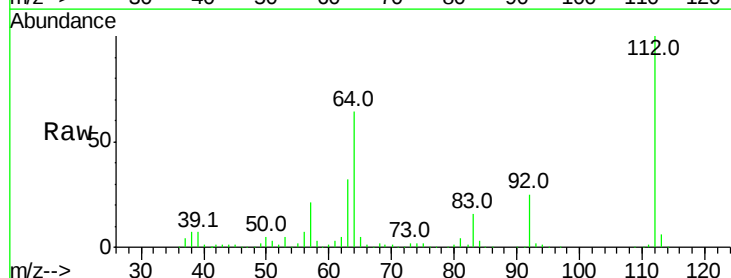
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



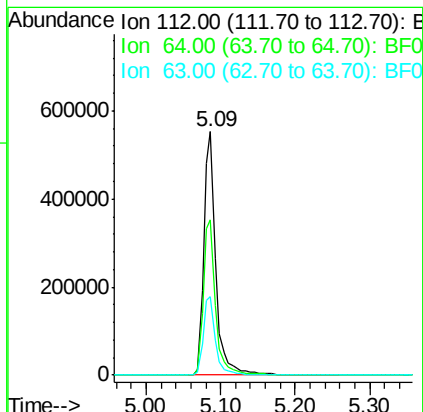
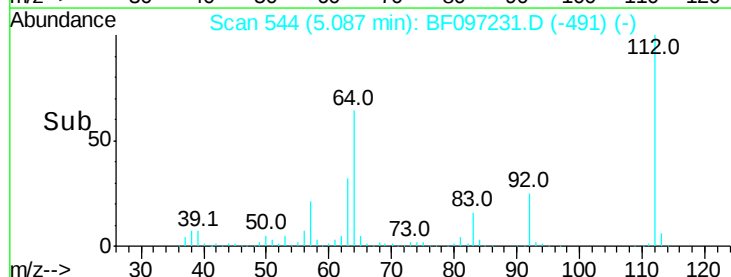
#5

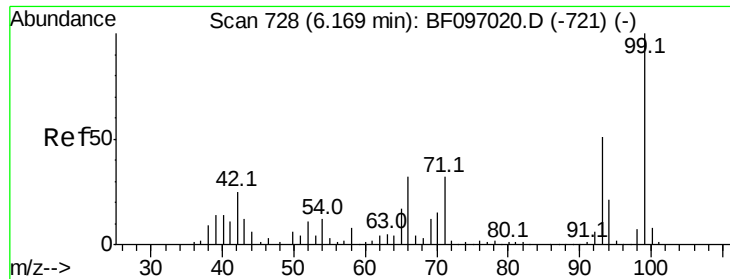
2-Fluorophenol
 Concen: 106.995 ng
 RT: 5.09 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF097231.D
 Acq: 1 Aug 2017 14:32

Tgt Ion:112 Resp: 628847
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.0 69.0
 63 32.2 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: 102.209 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF097231.D

Acq: 1 Aug 2017 14:32

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-D

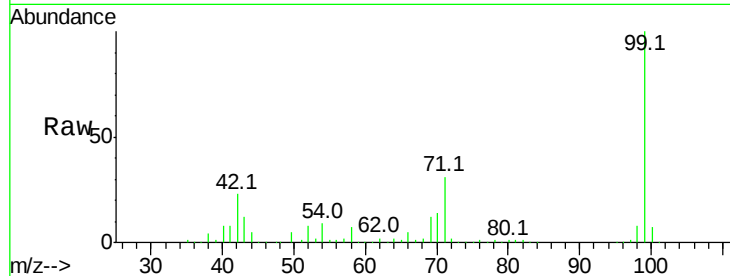
Tot Ion: 99 Resp: 685787

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

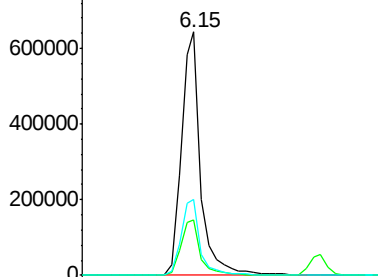
71 31.4 24.5 36.7



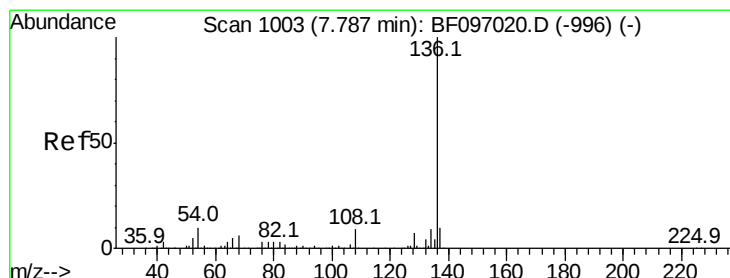
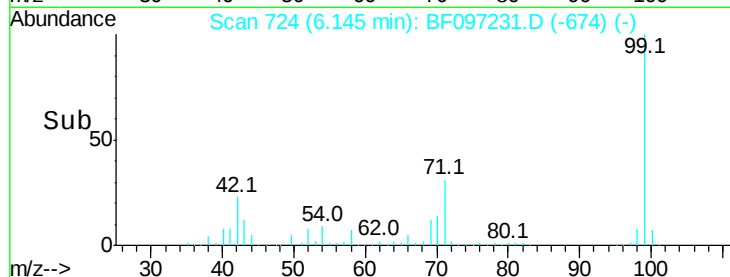
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF097231.D

Acq: 1 Aug 2017 14:32

Tgt Ion: 136 Resp: 387502

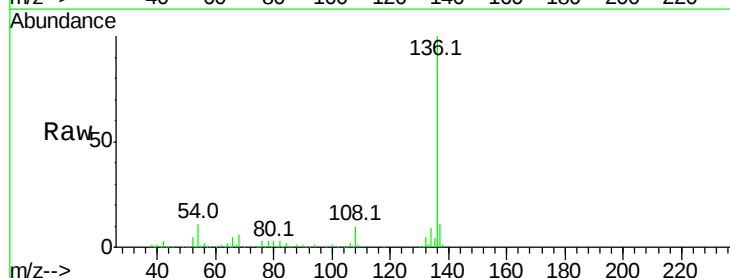
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 11.3 4.9 7.3#

68 5.8 4.1 6.1

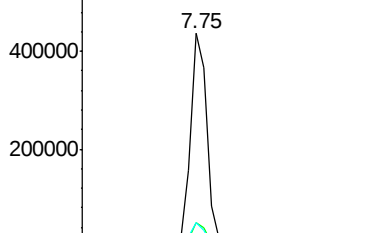


Abundance Ion 136.00 (135.70 to 136.70): E

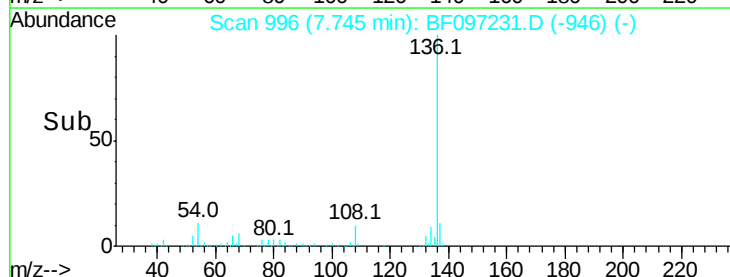
Ion 137.00 (136.70 to 137.70): E

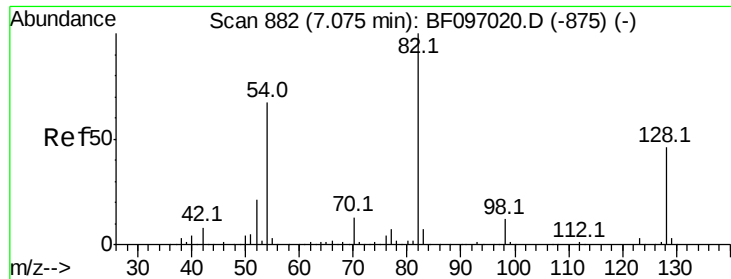
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

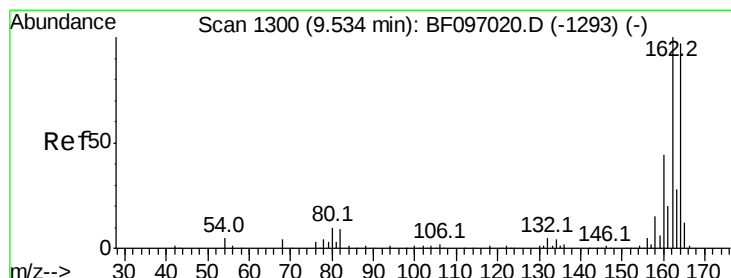
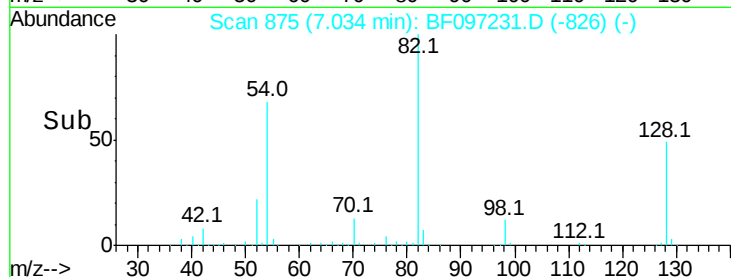
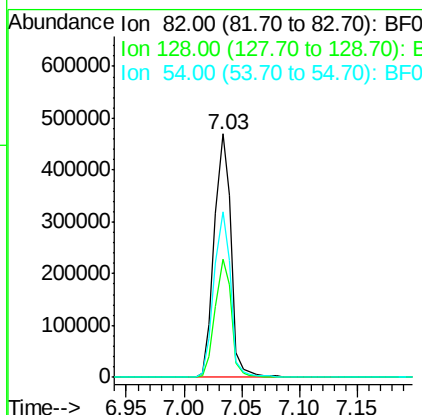
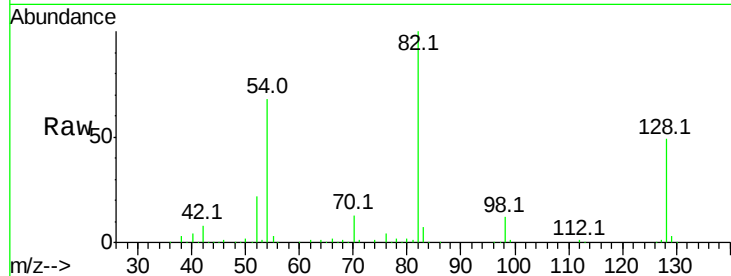




#23
 Nitrobenzene-d5
 Concen: 72.254 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF097231.D
 Acq: 1 Aug 2017 14:32

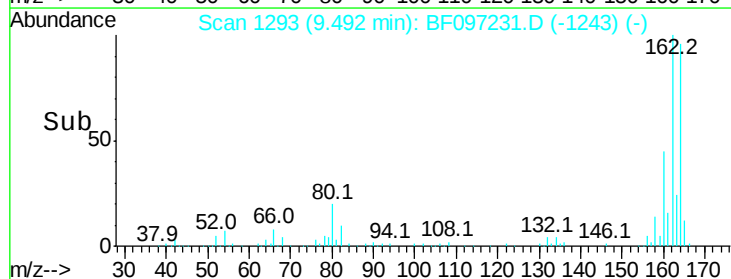
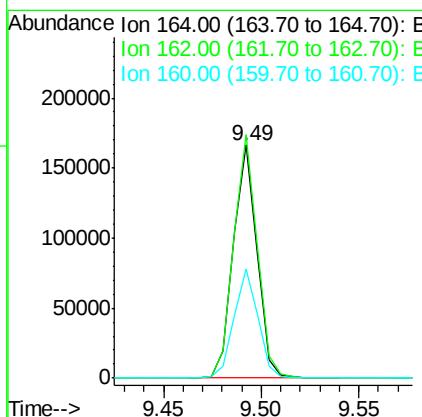
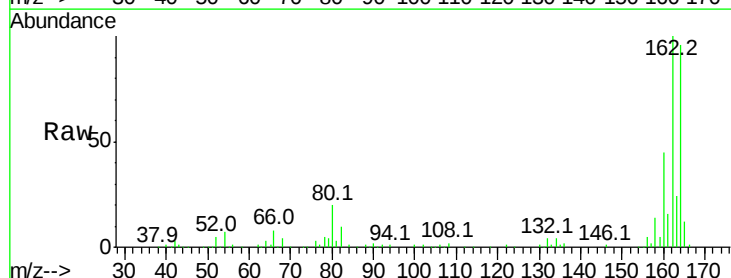
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-D

Tot Ion: 82 Resp: 477272
 Ion Ratio Lower Upper
 82 100
 128 48.8 34.0 51.0
 54 68.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF097231.D
 Acq: 1 Aug 2017 14:32

Tgt Ion:164 Resp: 139459
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 46.7 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 108.290 ng

RT: 10.28 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF097231.D

Acq: 1 Aug 2017 14:32

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-D

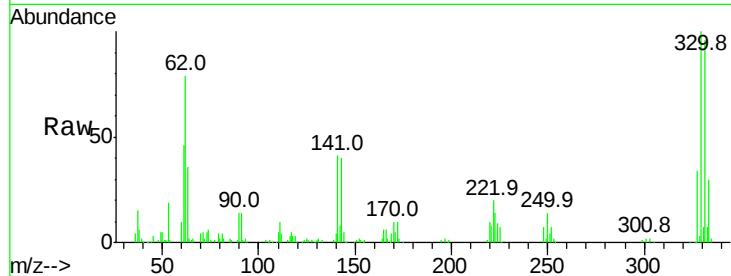
Tot Ion:330 Resp: 119320

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

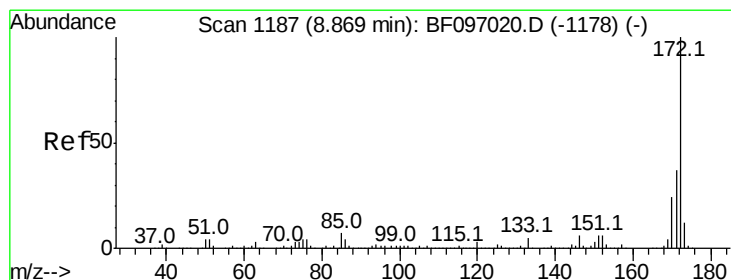
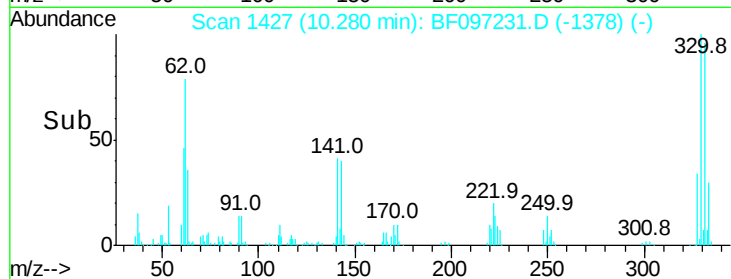
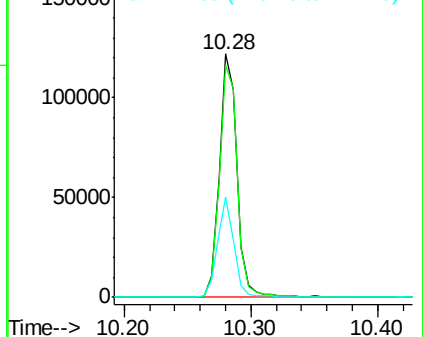
141 39.1 31.4 47.2



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: 93.820 ng

RT: 8.83 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF097231.D

Acq: 1 Aug 2017 14:32

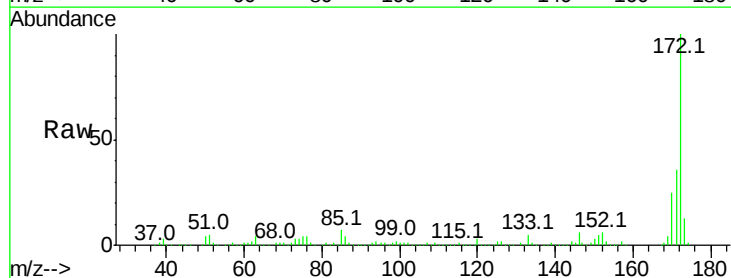
Tgt Ion:172 Resp: 770967

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

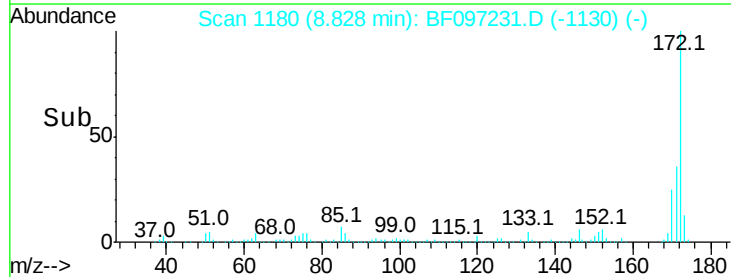
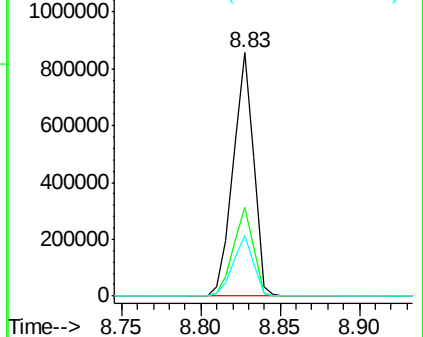
170 24.9 19.8 29.8

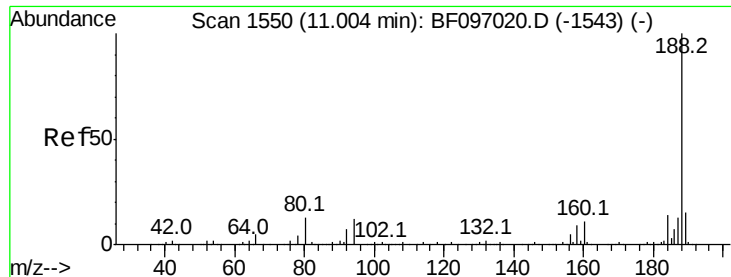


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

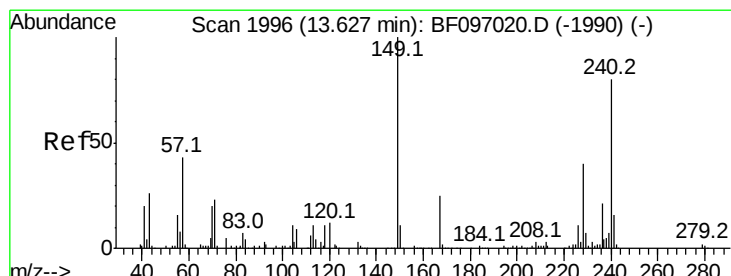
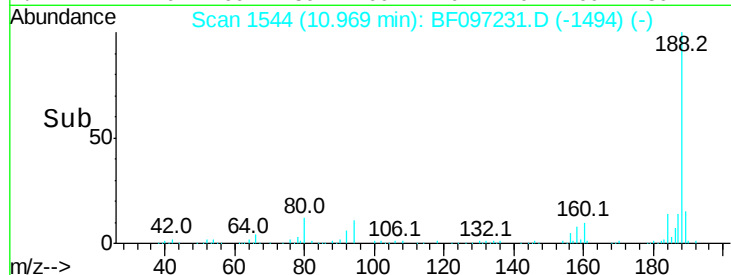
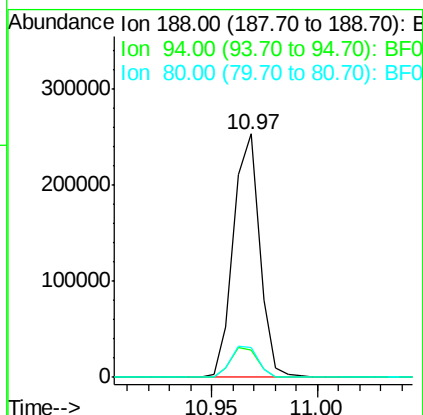
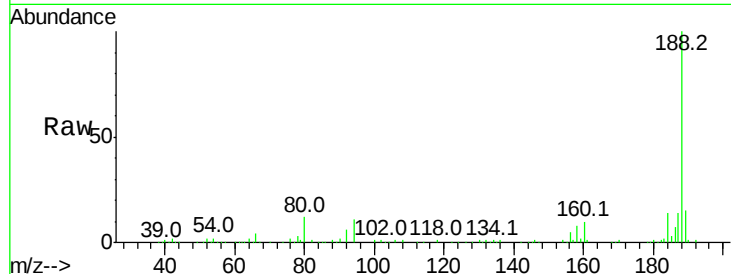




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.97 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF097231.D
Acq: 1 Aug 2017 14:32

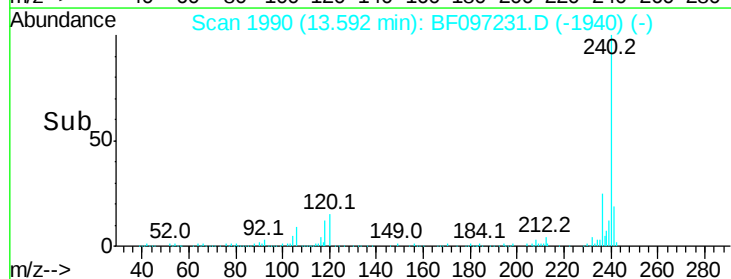
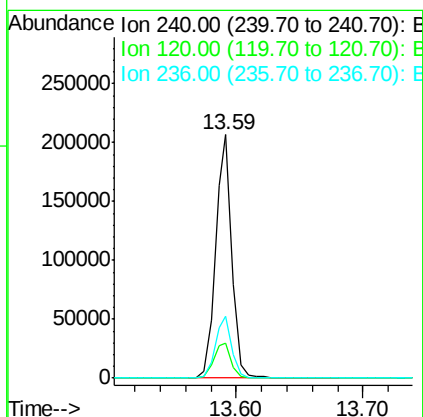
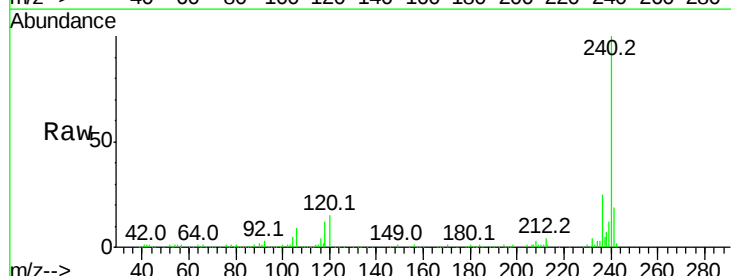
Instrument :
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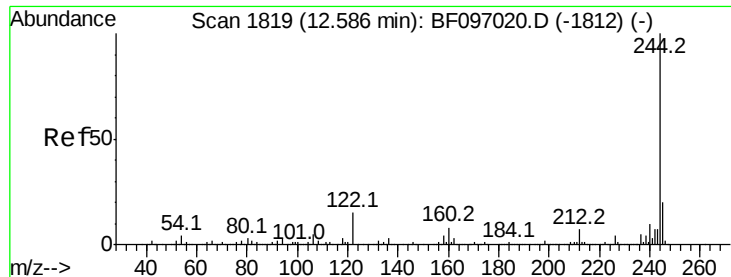
Tot Ion:188 Resp: 217053
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 12.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.59 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF097231.D
Acq: 1 Aug 2017 14:32

Tgt Ion:240 Resp: 185443
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.5 20.5 30.7





#78

Terphenyl-d14

Concen: 57.643 ng

RT: 12.55 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF097231.D

Acq: 1 Aug 2017 14:32

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-D

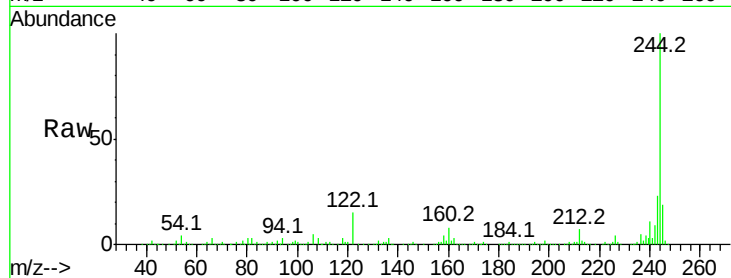
Tot Ion:244 Resp: 524291

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

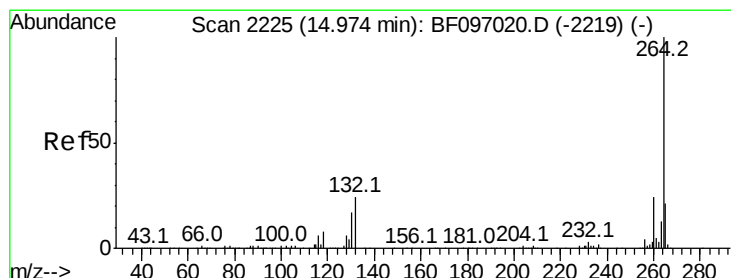
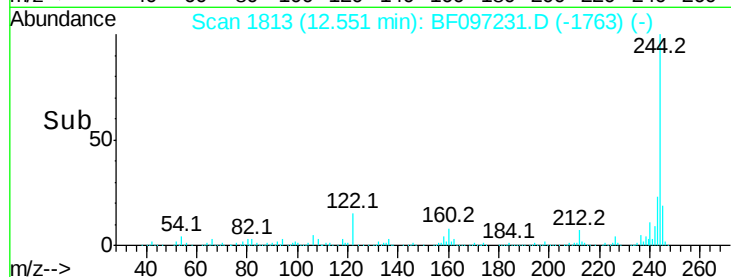
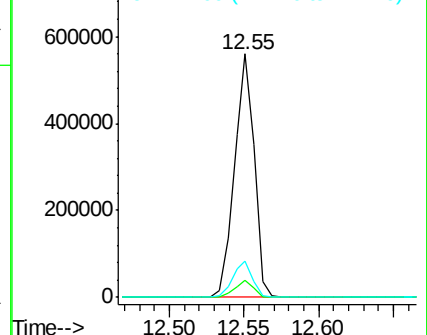
122 15.0 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.93 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF097231.D

Acq: 1 Aug 2017 14:32

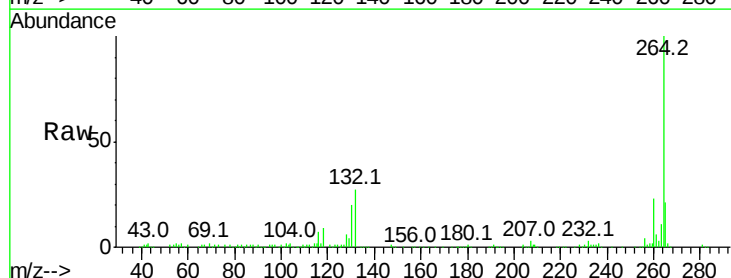
Tgt Ion:264 Resp: 153787

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.3 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

