

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097972.D
 Acq On : 22 Aug 2017 23:55
 Operator : SJ/JU
 Sample : I4910-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-8-9

Quant Time: Aug 23 02:11:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

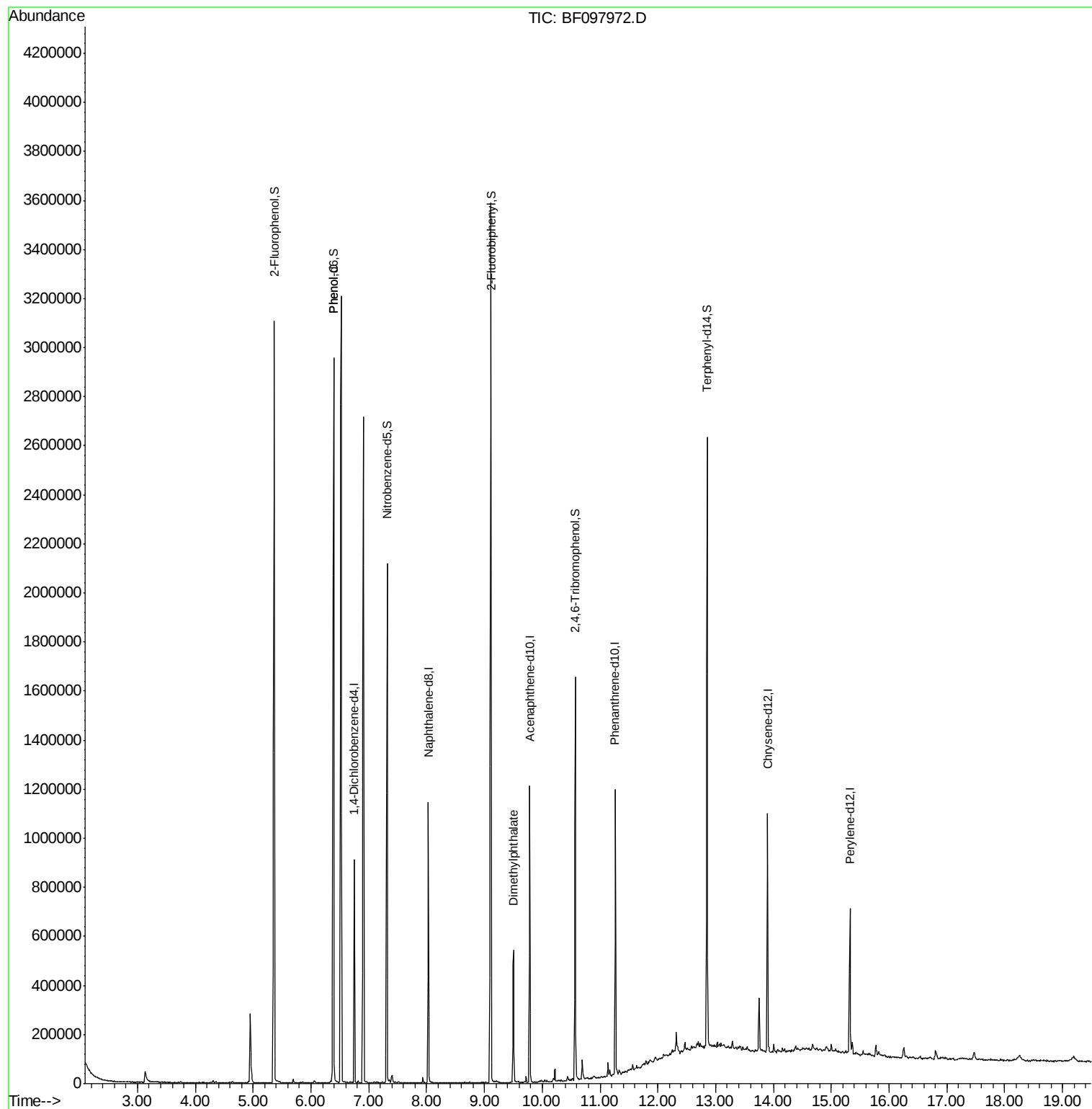
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	130388	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	524155	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	231099	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	406301	20.00	ng	0.00
75) Chrysene-d12	13.90	240	311379	20.00	ng	0.00
86) Perylene-d12	15.32	264	268800	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	954227	111.32	ng	0.01
7) Phenol-d6	6.39	99	1295195	111.20	ng	0.00
23) Nitrobenzene-d5	7.32	82	831194	86.15	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	180127	89.83	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1135929	72.22	ng	0.00
78) Terphenyl-d14	12.85	244	824021	55.19	ng	0.00
Target Compounds						
10) Phenol	6.40	94	32675	2.399	ng	97
49) Dimethylphthalate	9.50	163	199404	11.804	ng	98

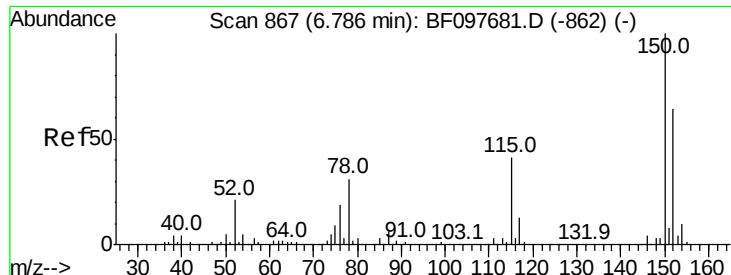
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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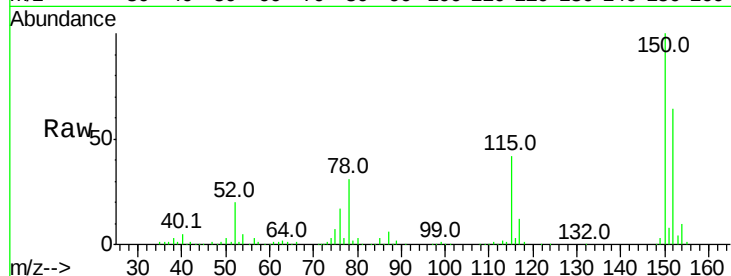


#1

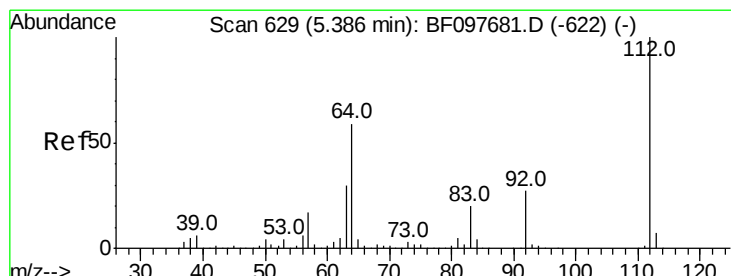
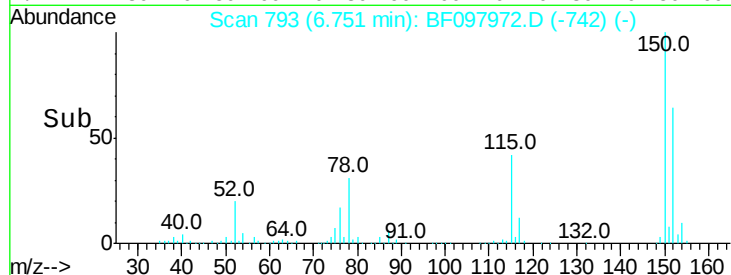
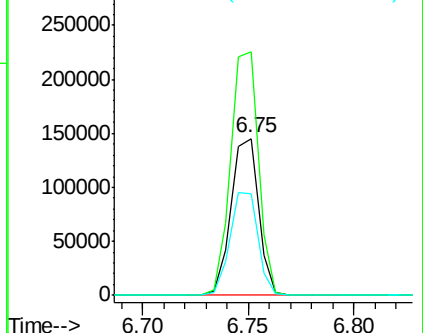
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

Instrument :
BNA_F
ClientSampleId :
SP-8-9

Tot Ion:152 Resp: 130388
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 64.8 52.2 78.2



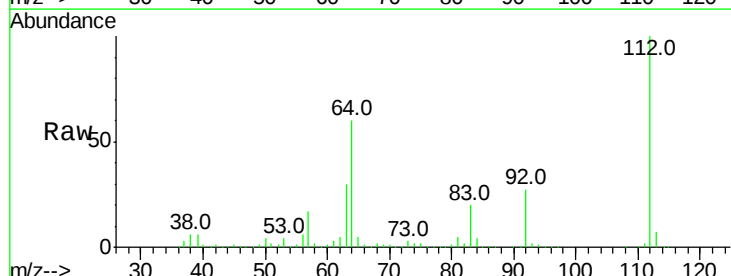
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



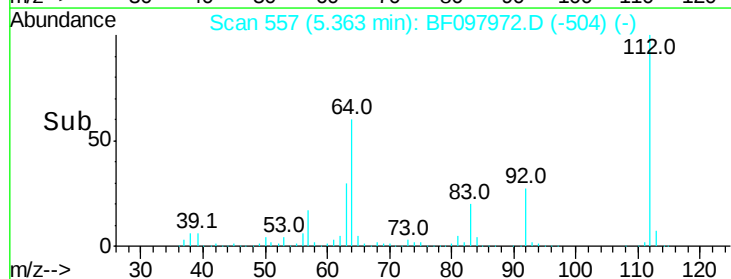
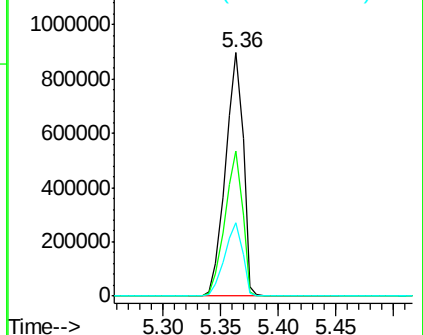
#5

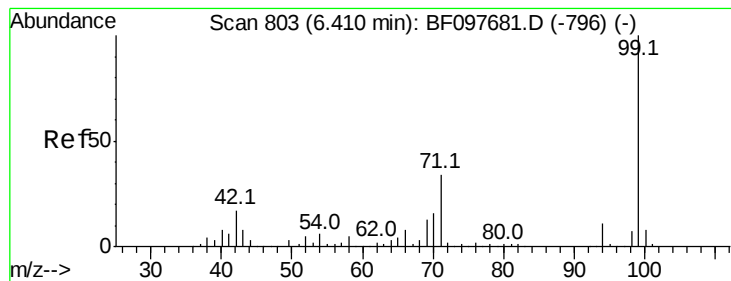
2-Fluorophenol
Concen: 111.318 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

Tgt Ion:112 Resp: 954227
Ion Ratio Lower Upper
112 100
64 59.6 46.0 69.0
63 30.2 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: 111.204 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

Instrument :

BNA_F

ClientSampled :

SP-8-9

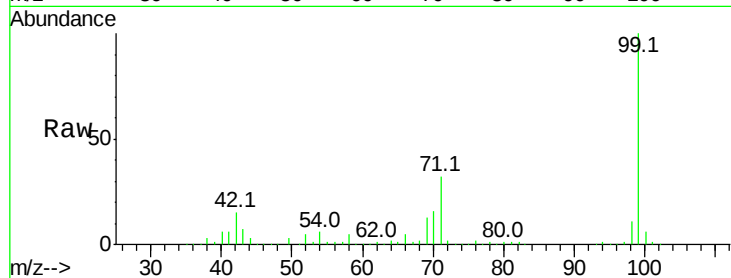
Tot Ion: 99 Resp: 1295195

Ion Ratio Lower Upper

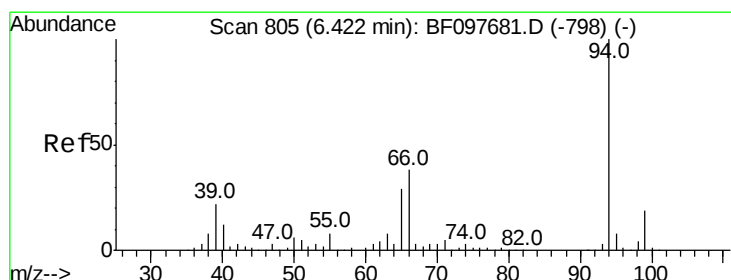
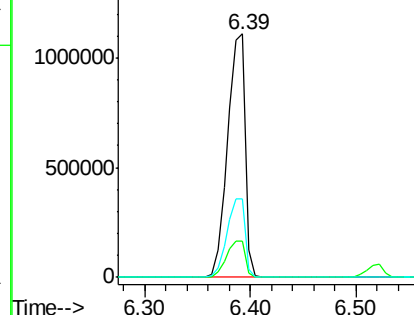
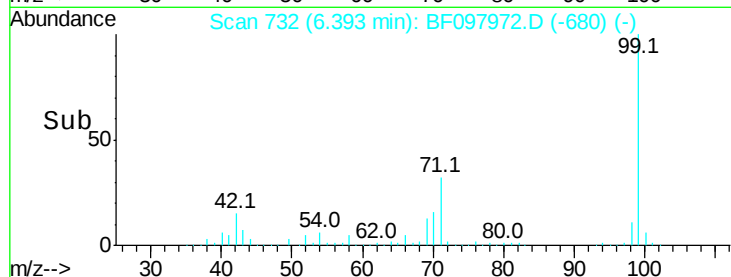
99 100

42 15.1 13.5 20.3

71 32.2 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



#10

Phenol

Concen: 2.399 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

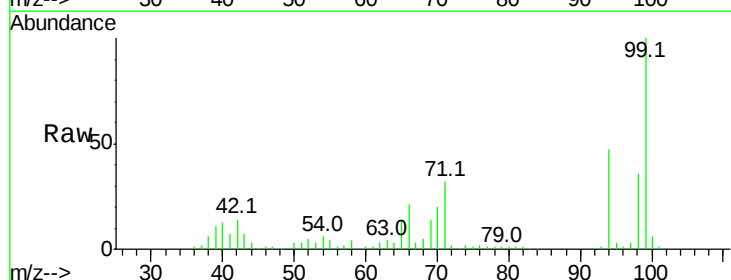
Tgt Ion: 94 Resp: 32675

Ion Ratio Lower Upper

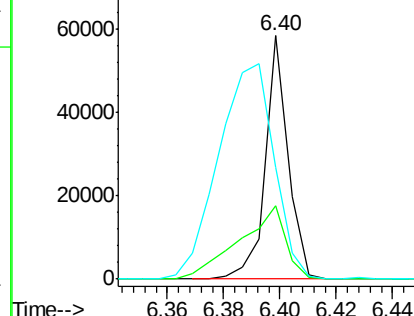
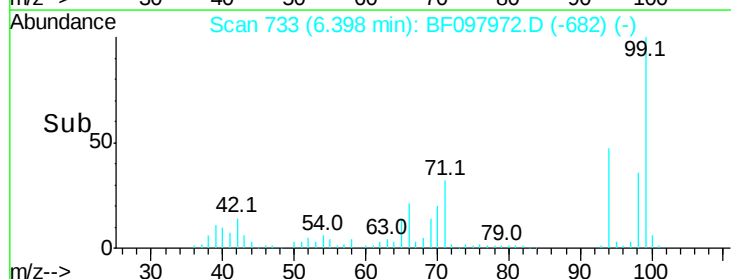
94 100

65 30.1 9.9 49.9

66 45.9 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

Instrument :

BNA_F

ClientSampleId :

SP-8-9

Tot Ion:136 Resp: 524155

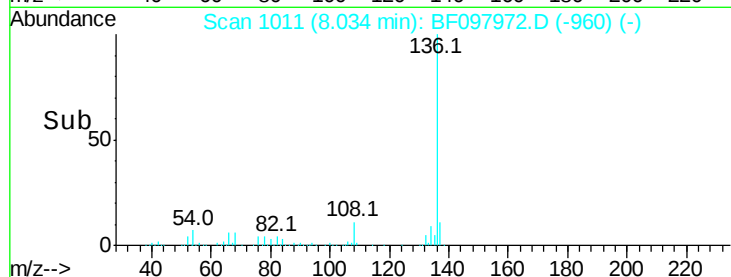
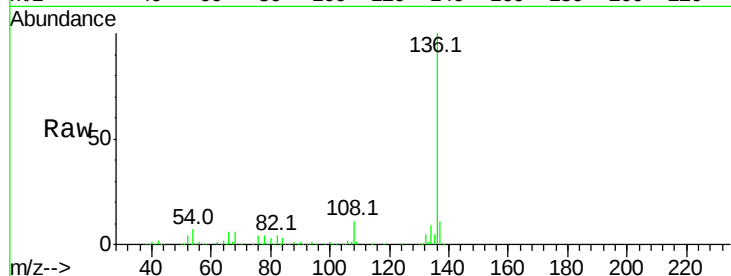
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

68 6.2 4.1 6.1#

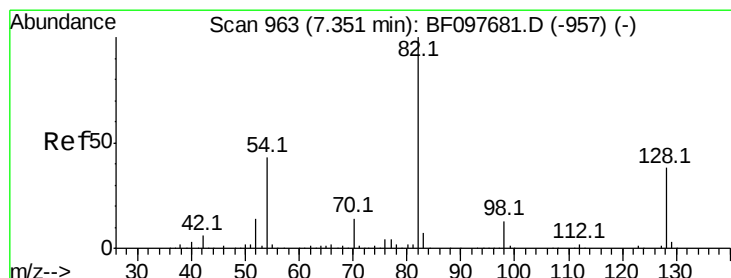
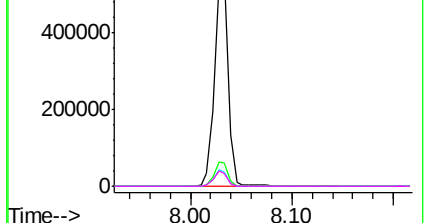


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.147 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

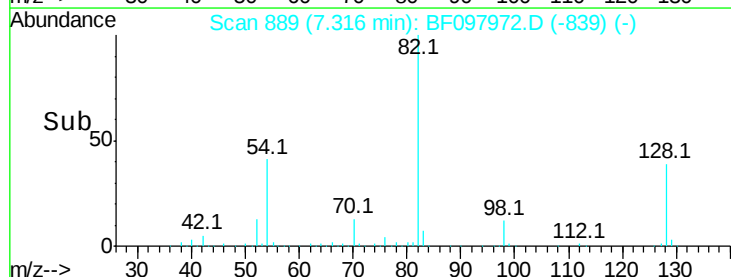
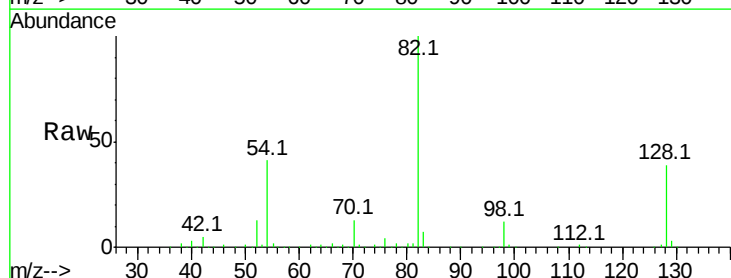
Tgt Ion: 82 Resp: 831194

Ion Ratio Lower Upper

82 100

128 39.2 34.0 51.0

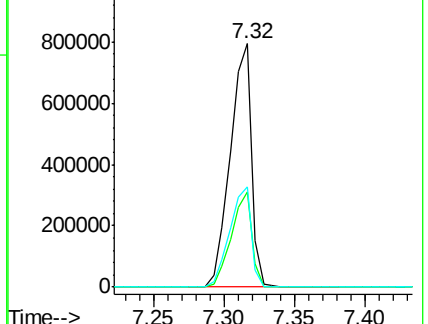
54 41.1 42.2 63.2#

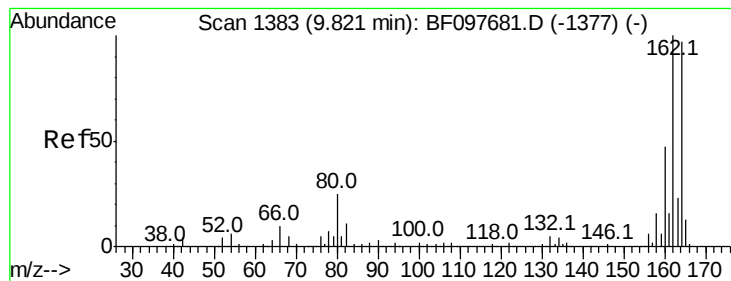


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

Instrument :

BNA_F

ClientSampleId :

SP-8-9

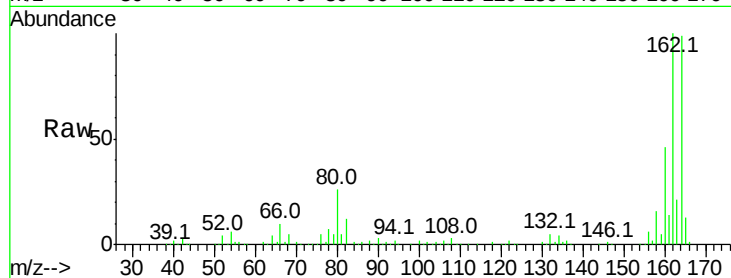
Tot Ion:164 Resp: 231099

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

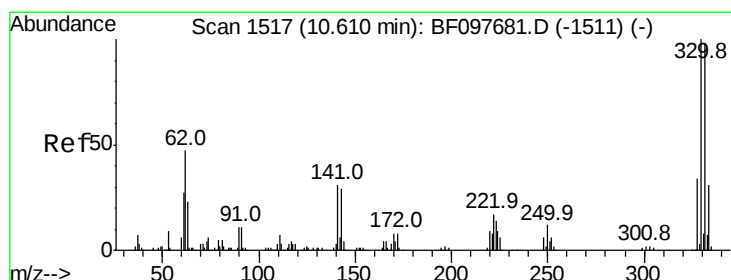
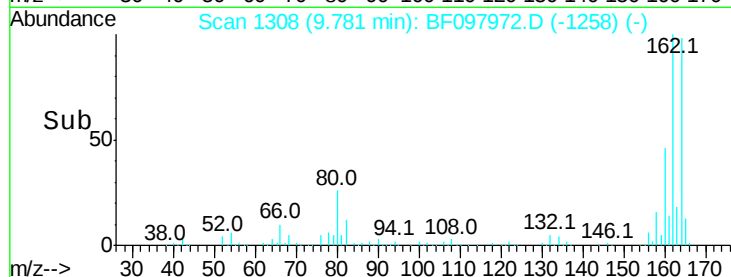
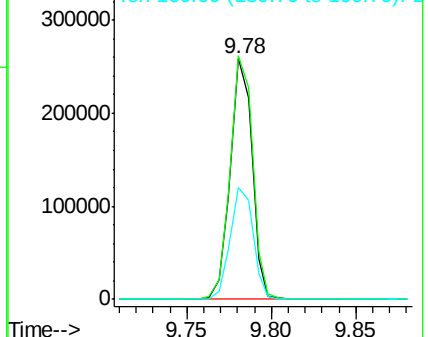
160 46.4 36.2 54.2



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: 89.832 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

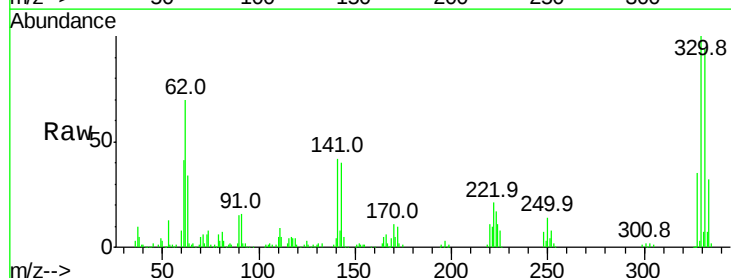
Tgt Ion:330 Resp: 180127

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

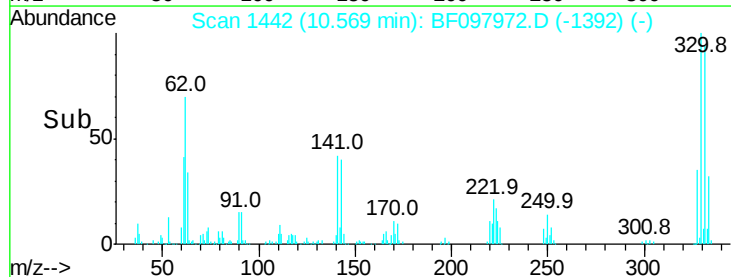
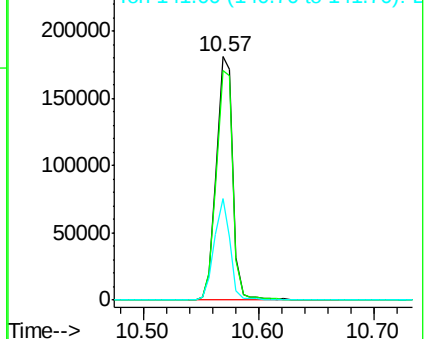
141 39.7 31.4 47.2



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

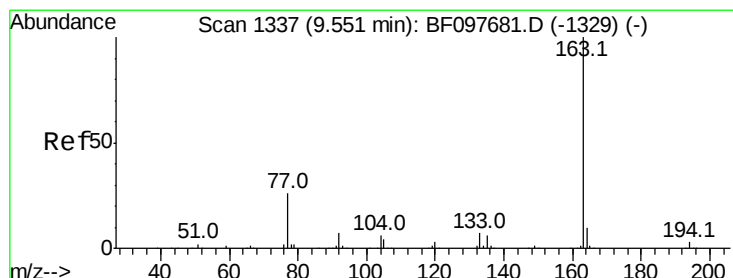
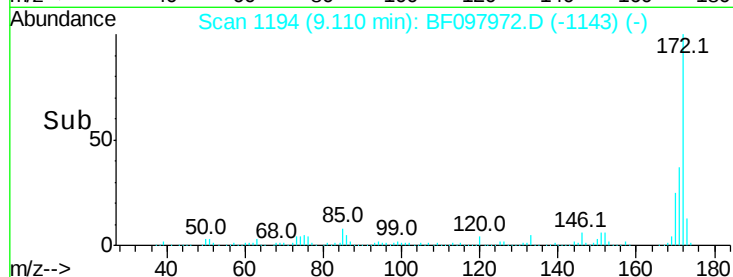
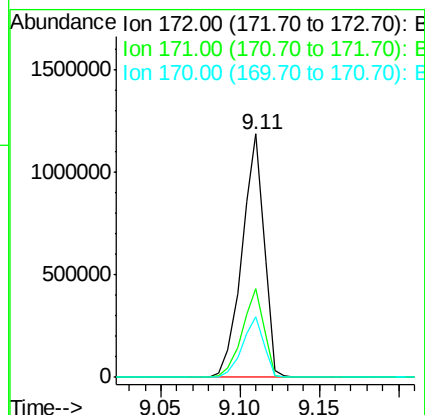
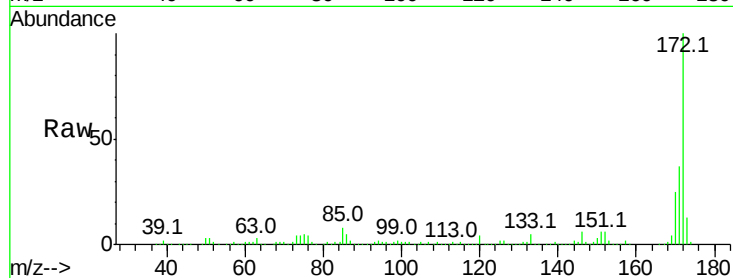




#44
2-Fluorobiphenyl
Concen: 72.216 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

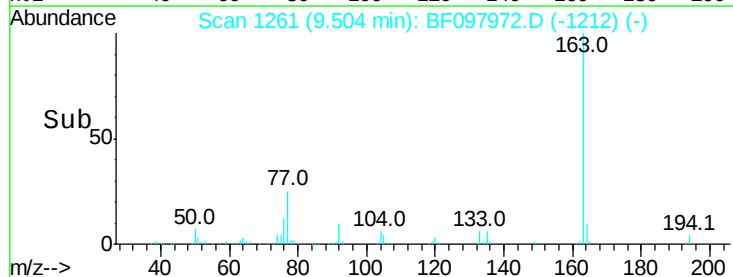
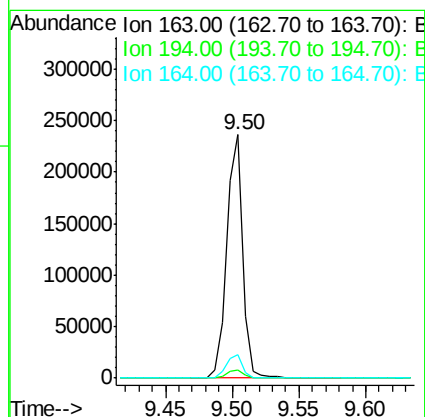
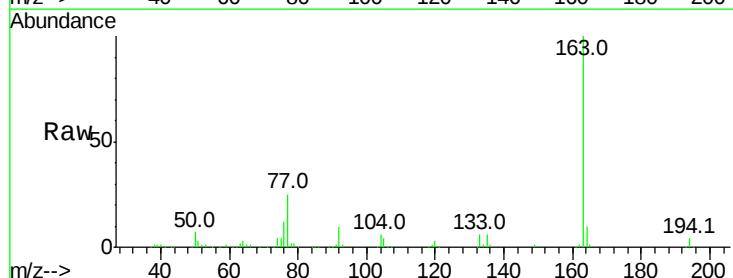
Instrument :
BNA_F
ClientSampleId :
SP-8-9

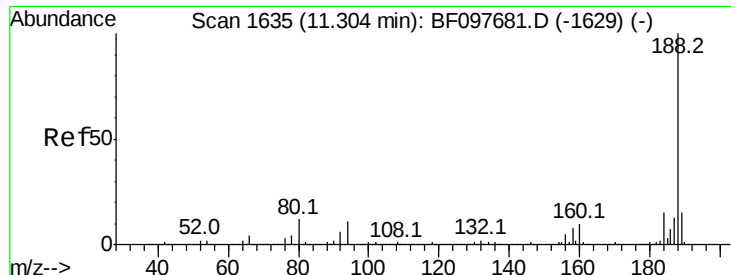
Tot Ion:172 Resp: 1135929
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.8 19.8 29.8



#49
Dimethylphthalate
Concen: 11.804 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

Tgt Ion:163 Resp: 199404
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

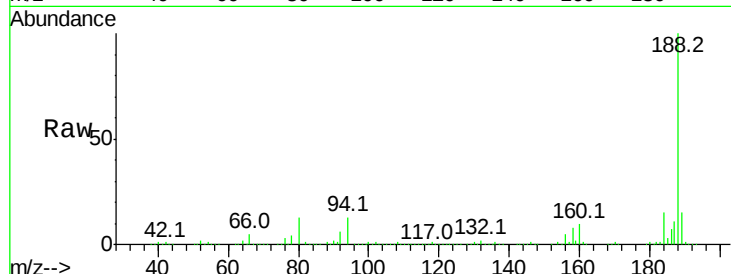




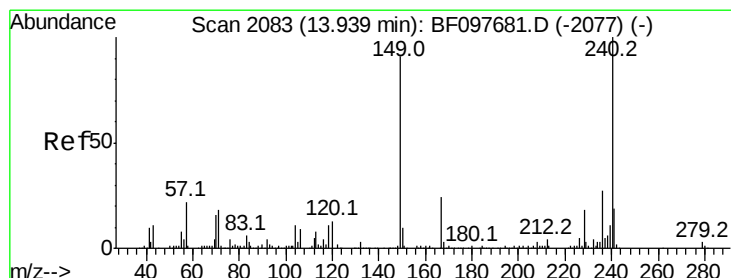
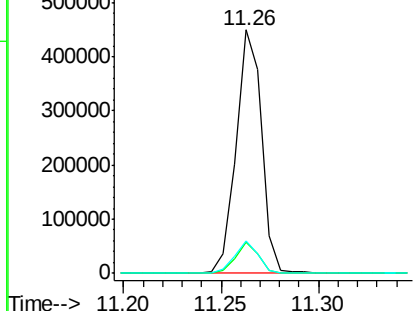
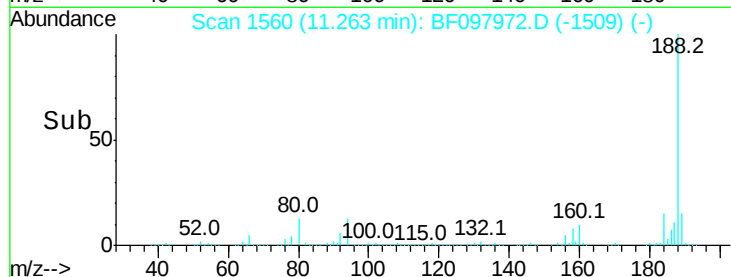
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

Instrument :
BNA_F
ClientSampleId :
SP-8-9

Tot Ion:188 Resp: 406301
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 13.2 10.2 15.2

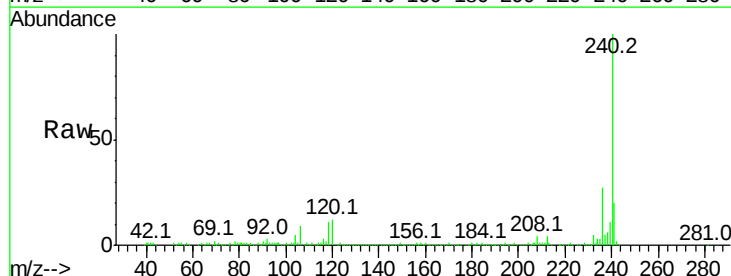


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

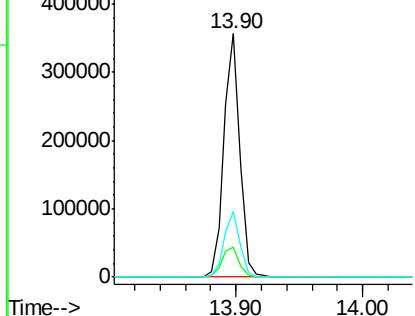
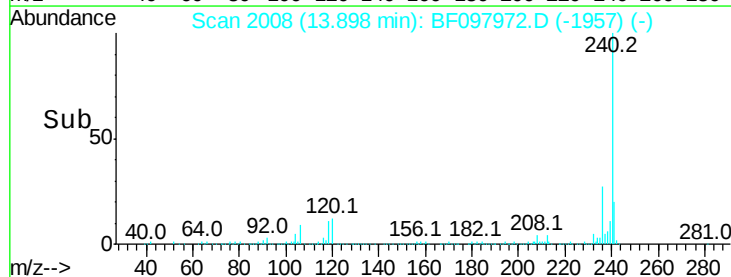


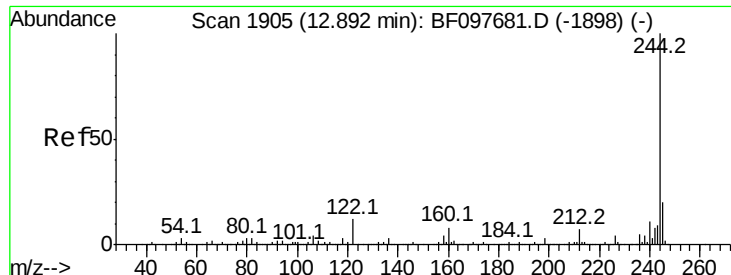
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF097972.D
Acq: 22 Aug 2017 23:55

Tgt Ion:240 Resp: 311379
Ion Ratio Lower Upper
240 100
120 12.2 5.8 8.8#
236 26.8 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: 55.186 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

Instrument :

BNA_F

ClientSampleId :

SP-8-9

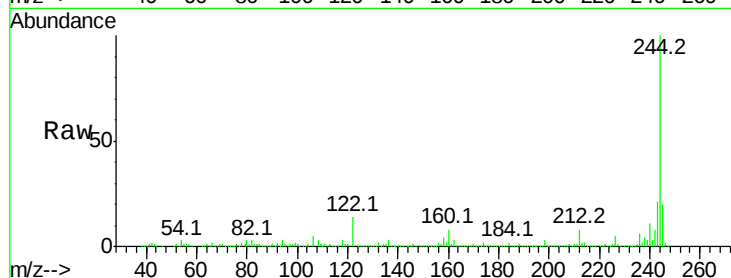
Tot Ion:244 Resp: 824021

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

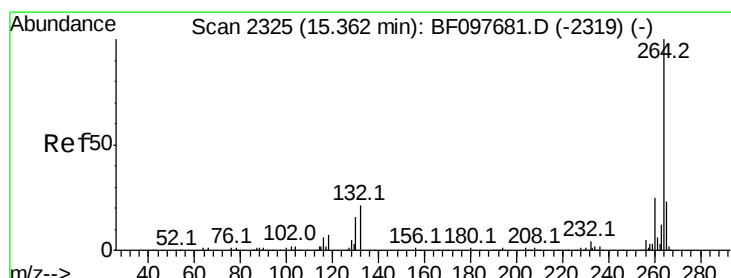
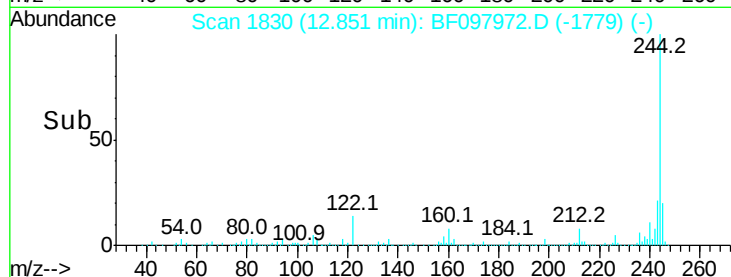
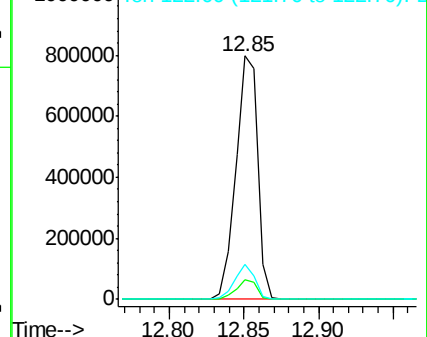
122 14.4 10.3 15.5



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: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF097972.D

Acq: 22 Aug 2017 23:55

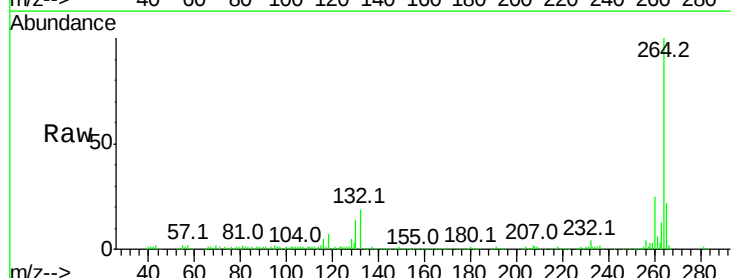
Tgt Ion:264 Resp: 268800

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.7 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

