

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097844.D
 Acq On : 18 Aug 2017 20:35
 Operator : SJ/JU
 Sample : I4811-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-18

Quant Time: Aug 19 01:07:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

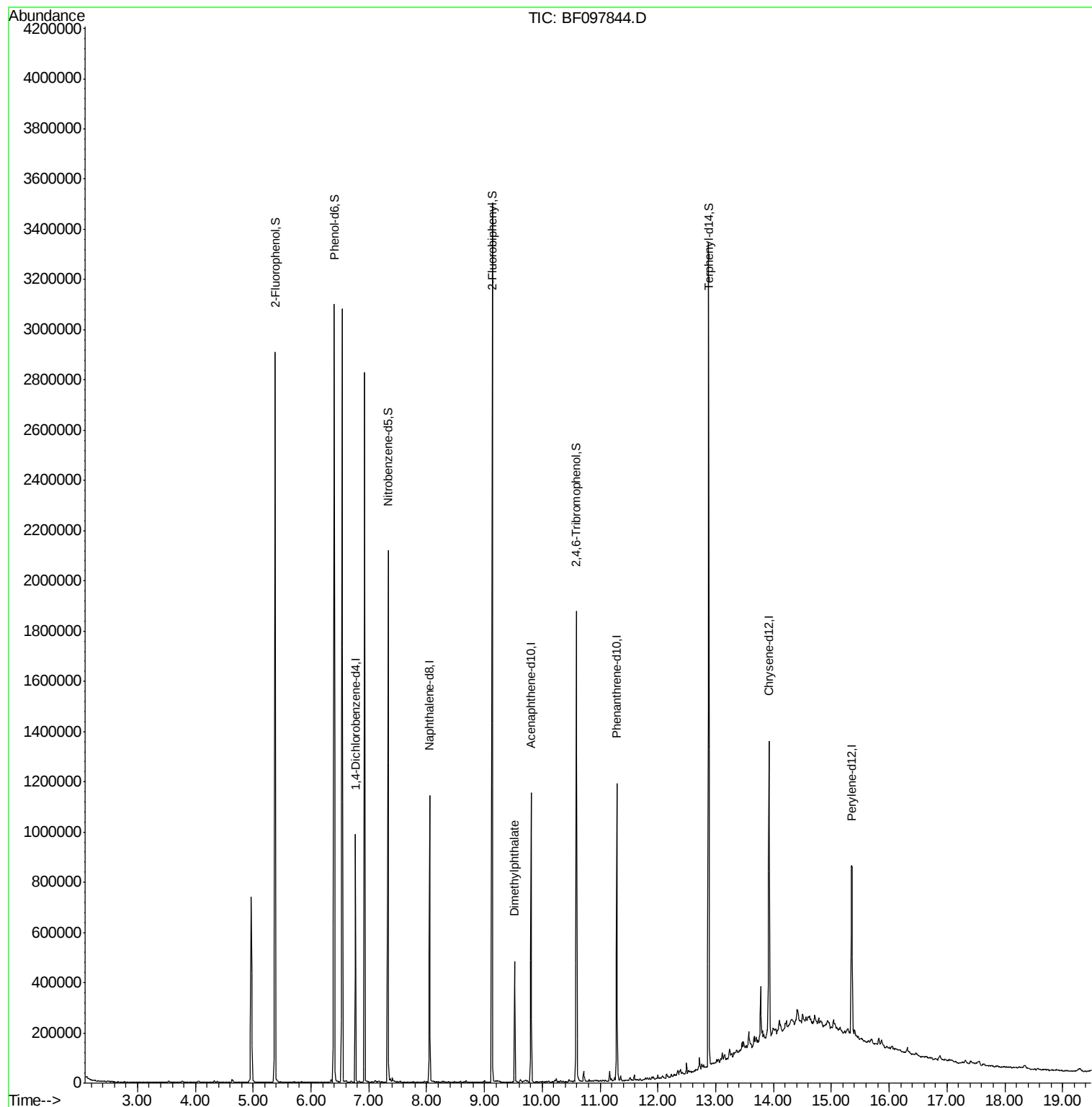
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	117528	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	473787	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	211511	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	422233	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	385229	20.00	ng	-0.02
86) Perylene-d12	15.36	264	308465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	843841	109.21	ng	0.00
7) Phenol-d6	6.40	99	1197990	114.11	ng	0.00
23) Nitrobenzene-d5	7.33	82	781262	89.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	207823	113.24	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1097319	76.22	ng	-0.01
78) Terphenyl-d14	12.88	244	1027035	55.60	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.52	163	164571	10.644	ng	Qvalue 100

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

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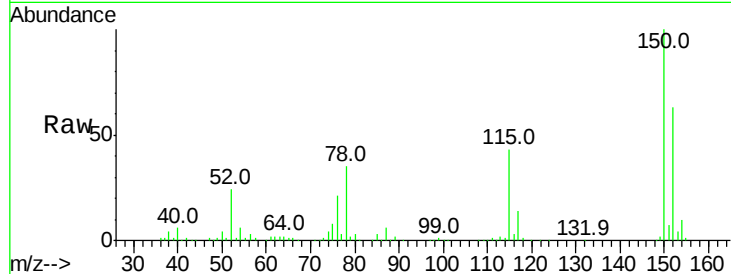


#1

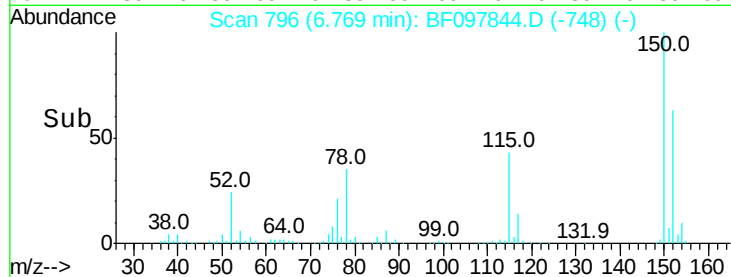
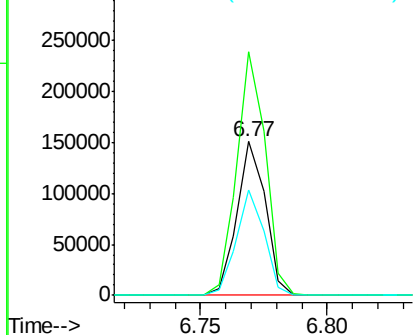
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Instrument :
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ClientSampleId :
EP-18

Tot Ion:152 Resp: 117528
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 68.4 52.2 78.2



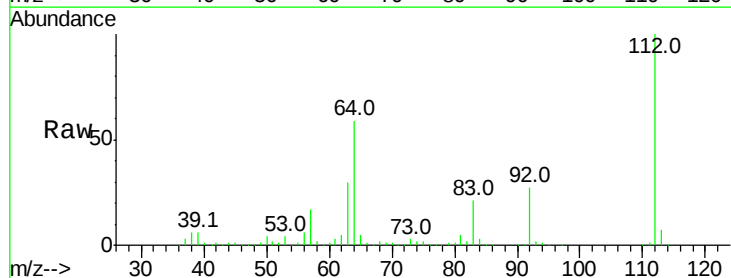
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



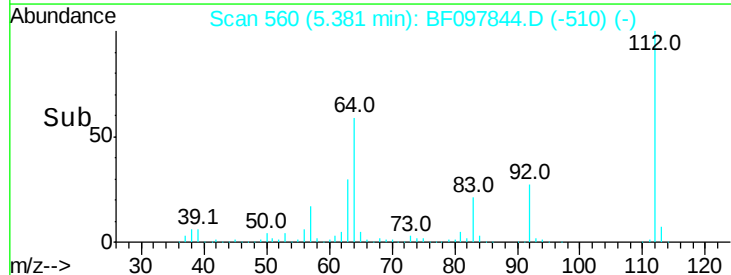
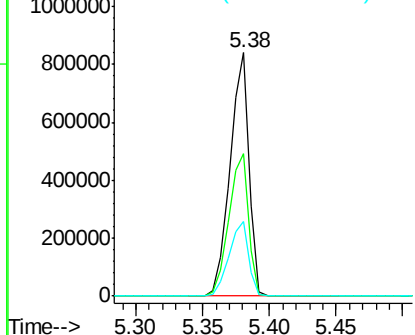
#5

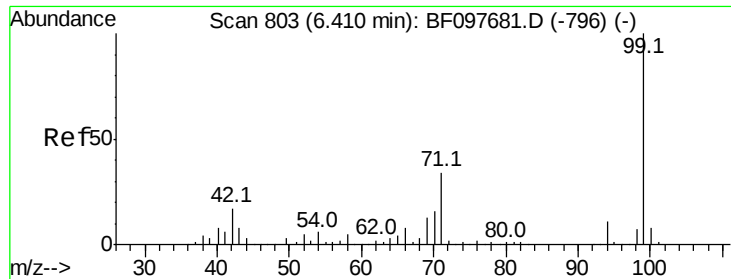
2-Fluorophenol
Concen: 109.212 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Tgt Ion:112 Resp: 843841
Ion Ratio Lower Upper
112 100
64 58.8 46.0 69.0
63 30.5 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: 114.113 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

EP-18

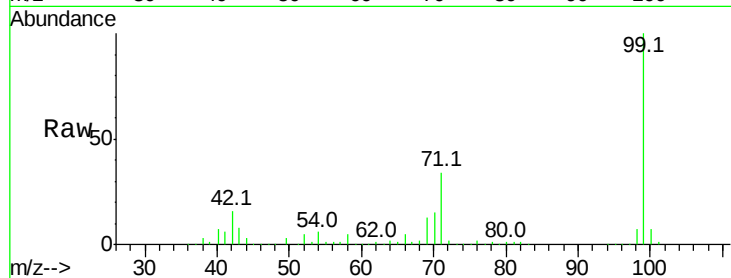
Tot Ion: 99 Resp: 1197990

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

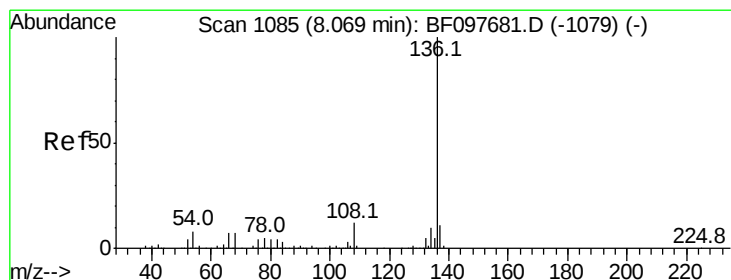
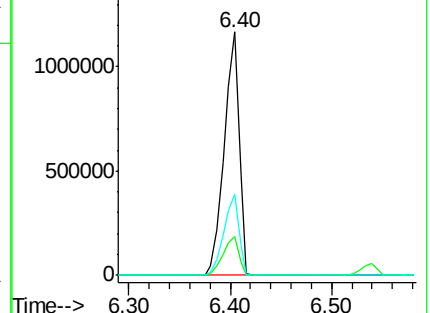
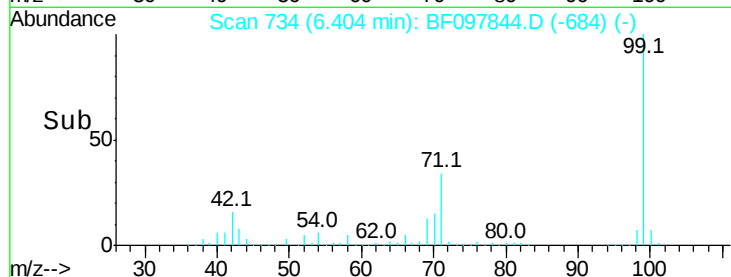
71 33.6 24.5 36.7



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: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

Tgt Ion: 136 Resp: 473787

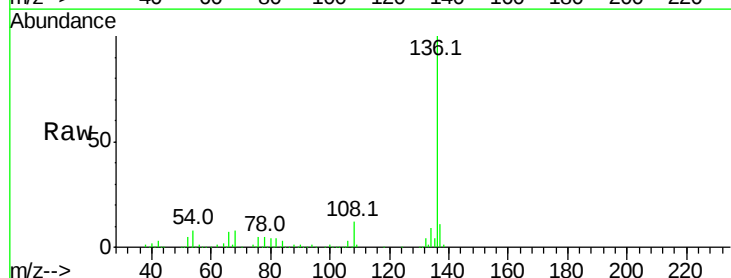
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.1 4.9 7.3#

68 7.6 4.1 6.1#

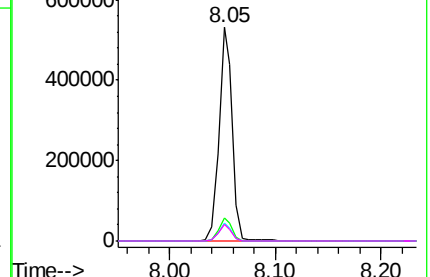
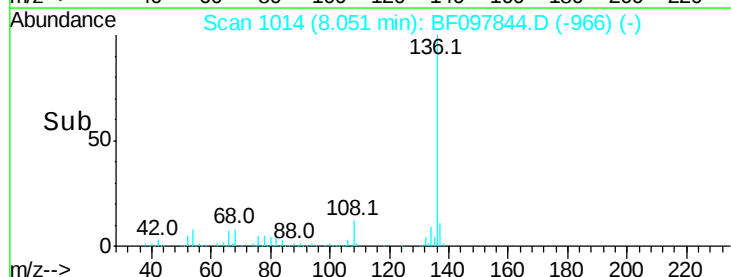


Abundance Ion 136.00 (135.70 to 136.70): E

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

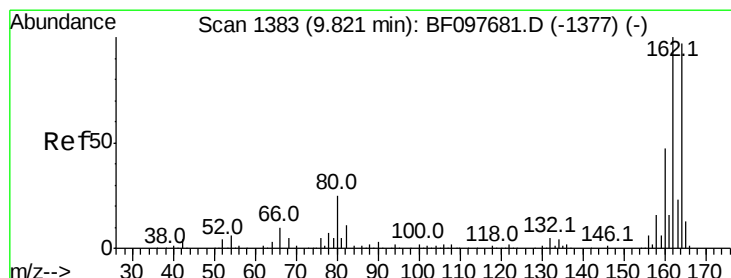
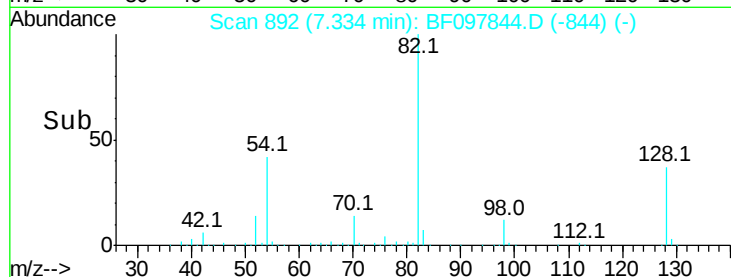
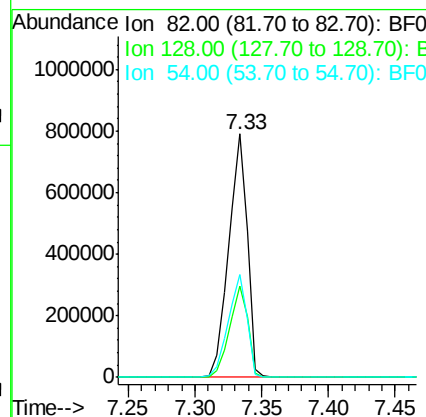
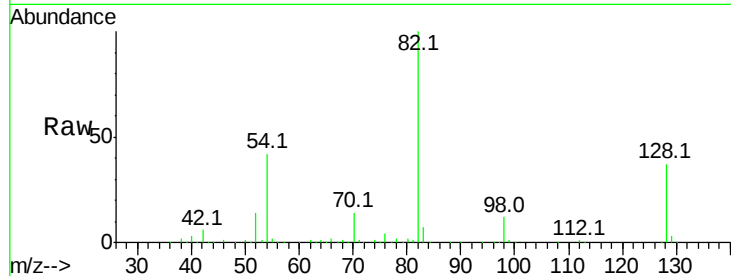




#23
 Nitrobenzene-d5
 Concen: 89.580 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097844.D
 Acq: 18 Aug 2017 20:35

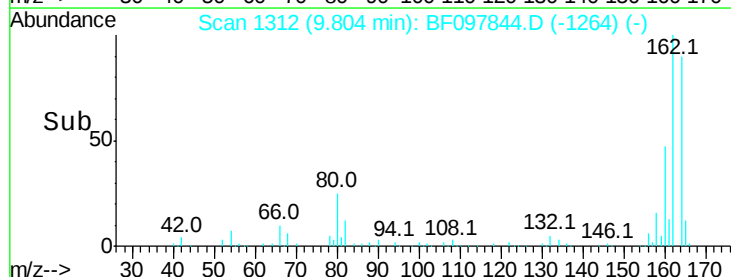
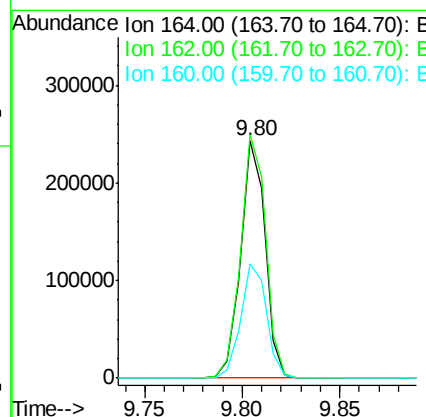
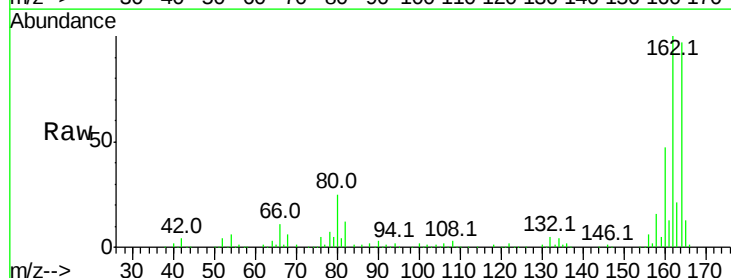
Instrument :
 BNA_F
 ClientSampleId :
 EP-18

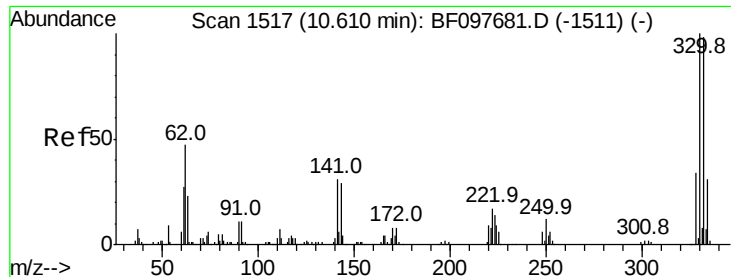
Tot Ion: 82 Resp: 781262
 Ion Ratio Lower Upper
 82 100
 128 37.5 34.0 51.0
 54 42.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF097844.D
 Acq: 18 Aug 2017 20:35

Tgt Ion:164 Resp: 211511
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 47.9 36.2 54.2

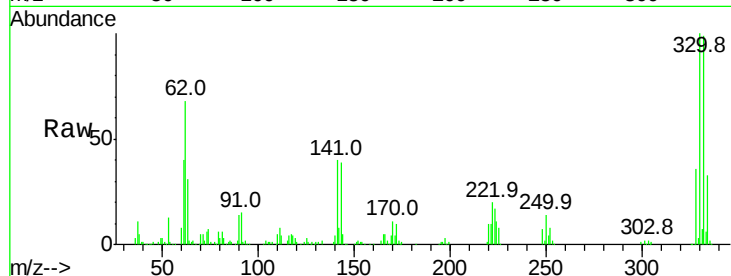




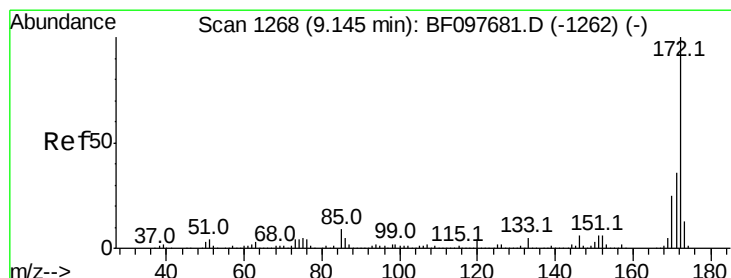
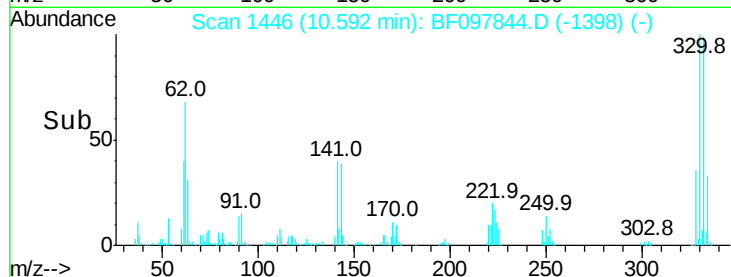
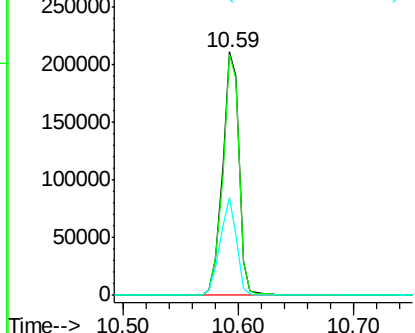
#41
 2,4,6-Tribromophenol
 Concen: 113.243 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097844.D
 Acq: 18 Aug 2017 20:35

Instrument :
 BNA_F
 ClientSampled :
 EP-18

Tot Ion:330 Resp: 207823
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 39.9 31.4 47.2

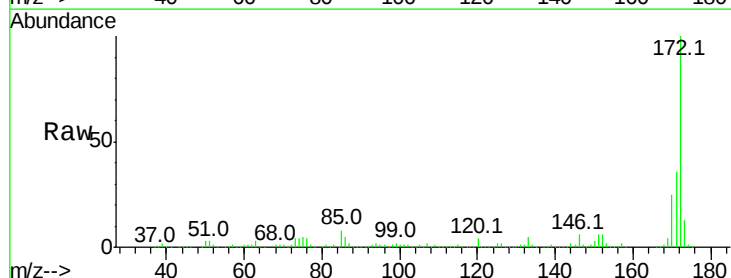


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

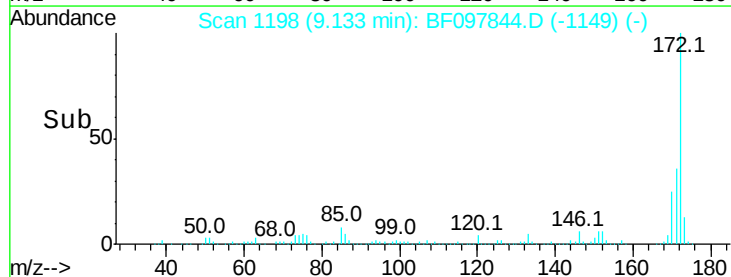
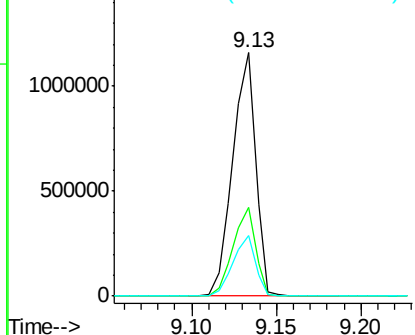


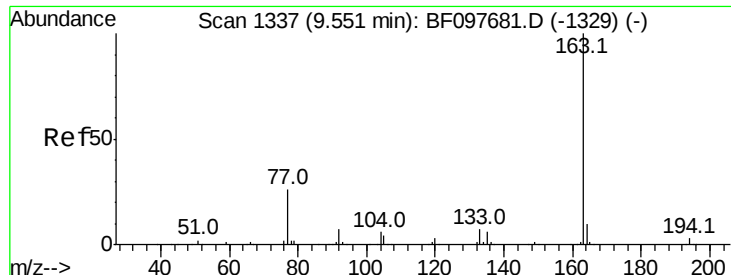
#44
 2-Fluorobiphenyl
 Concen: 76.222 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097844.D
 Acq: 18 Aug 2017 20:35

Tgt Ion:172 Resp: 1097319
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 25.0 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: 10.644 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

EP-18

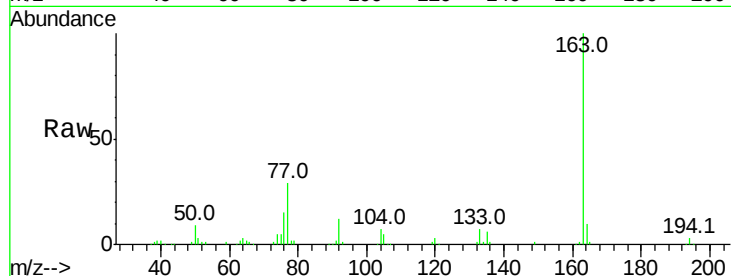
Tot Ion:163 Resp: 164571

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

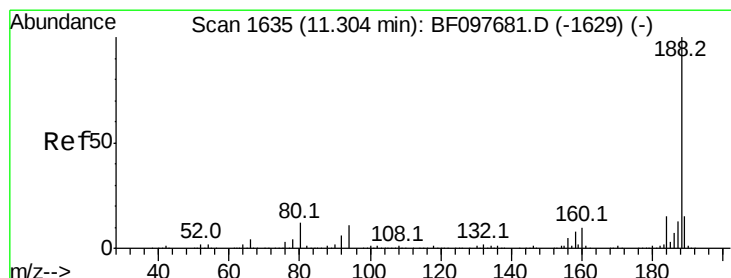
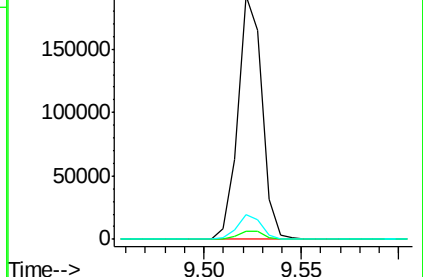
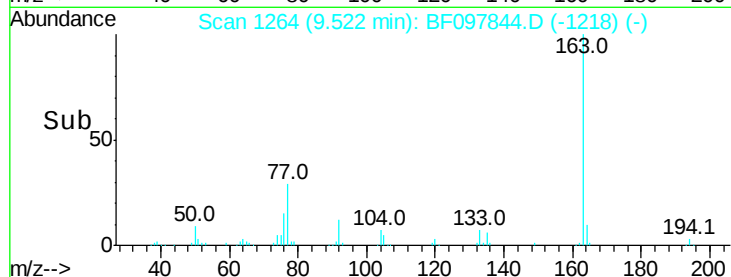
164 10.3 8.4 12.6



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: 11.29 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

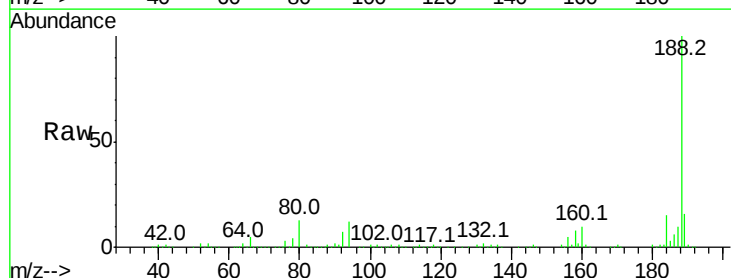
Tgt Ion:188 Resp: 422233

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

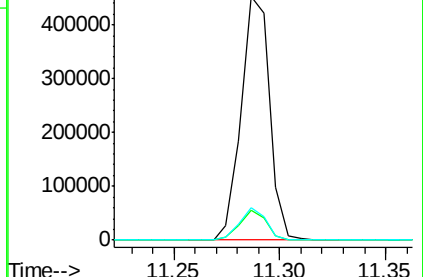
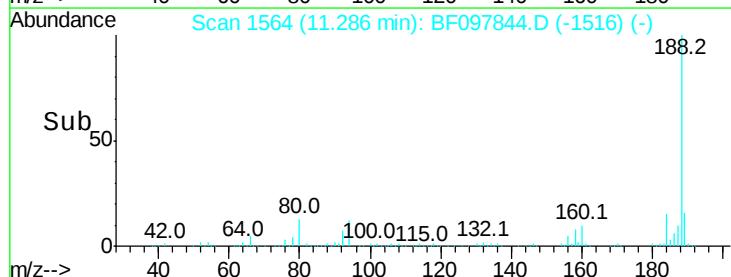
80 13.3 10.2 15.2

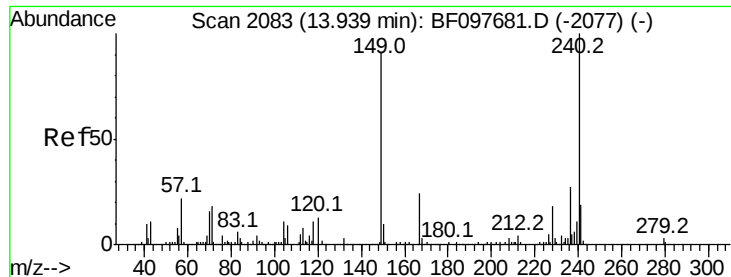


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

Instrument :

BNA_F

ClientSampled :

EP-18

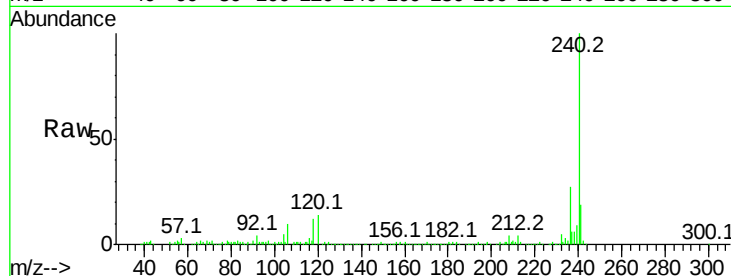
Tot Ion:240 Resp: 385229

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

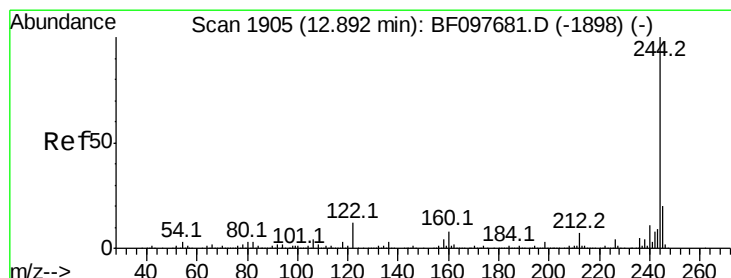
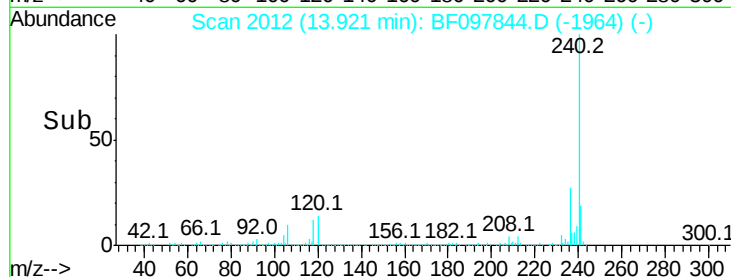
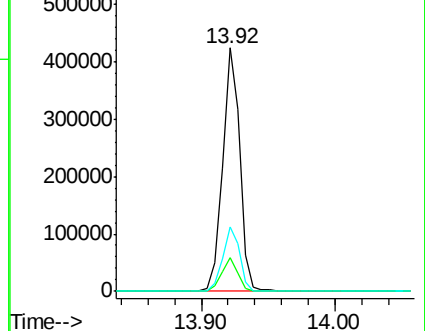
236 26.6 20.5 30.7



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: 55.596 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

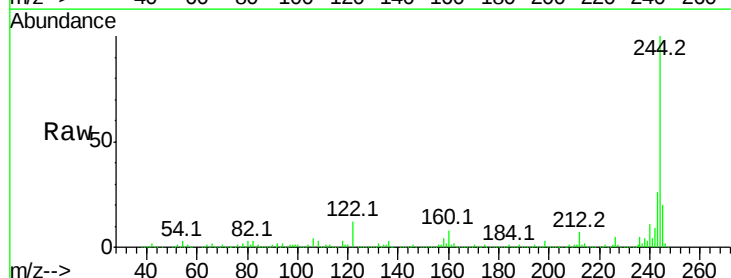
Tgt Ion:244 Resp: 1027035

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

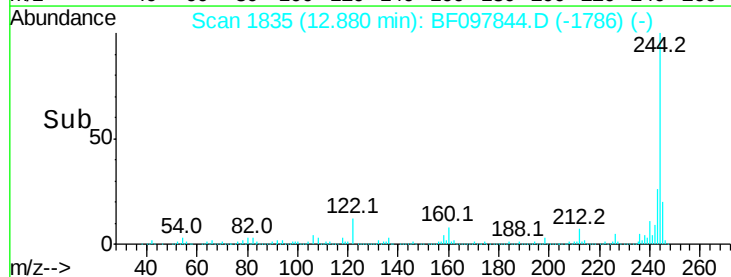
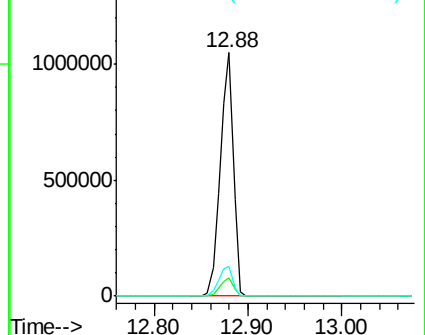
122 12.4 10.3 15.5

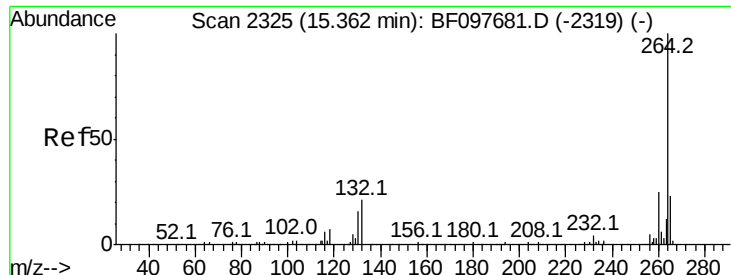


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

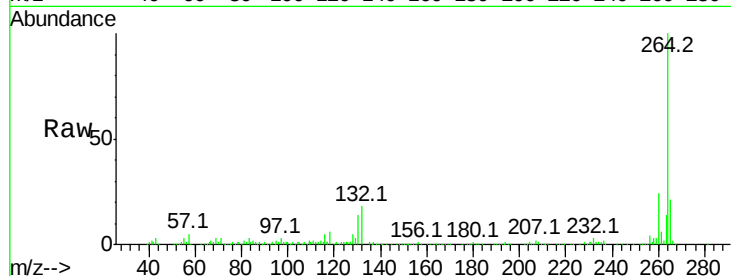




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Instrument :
BNA_F
ClientSampleId :
EP-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	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

