

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097415.D
 Acq On : 5 Aug 2017 23:35
 Operator : SJ/JU
 Sample : I4564-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-ESW

Quant Time: Aug 06 05:20:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

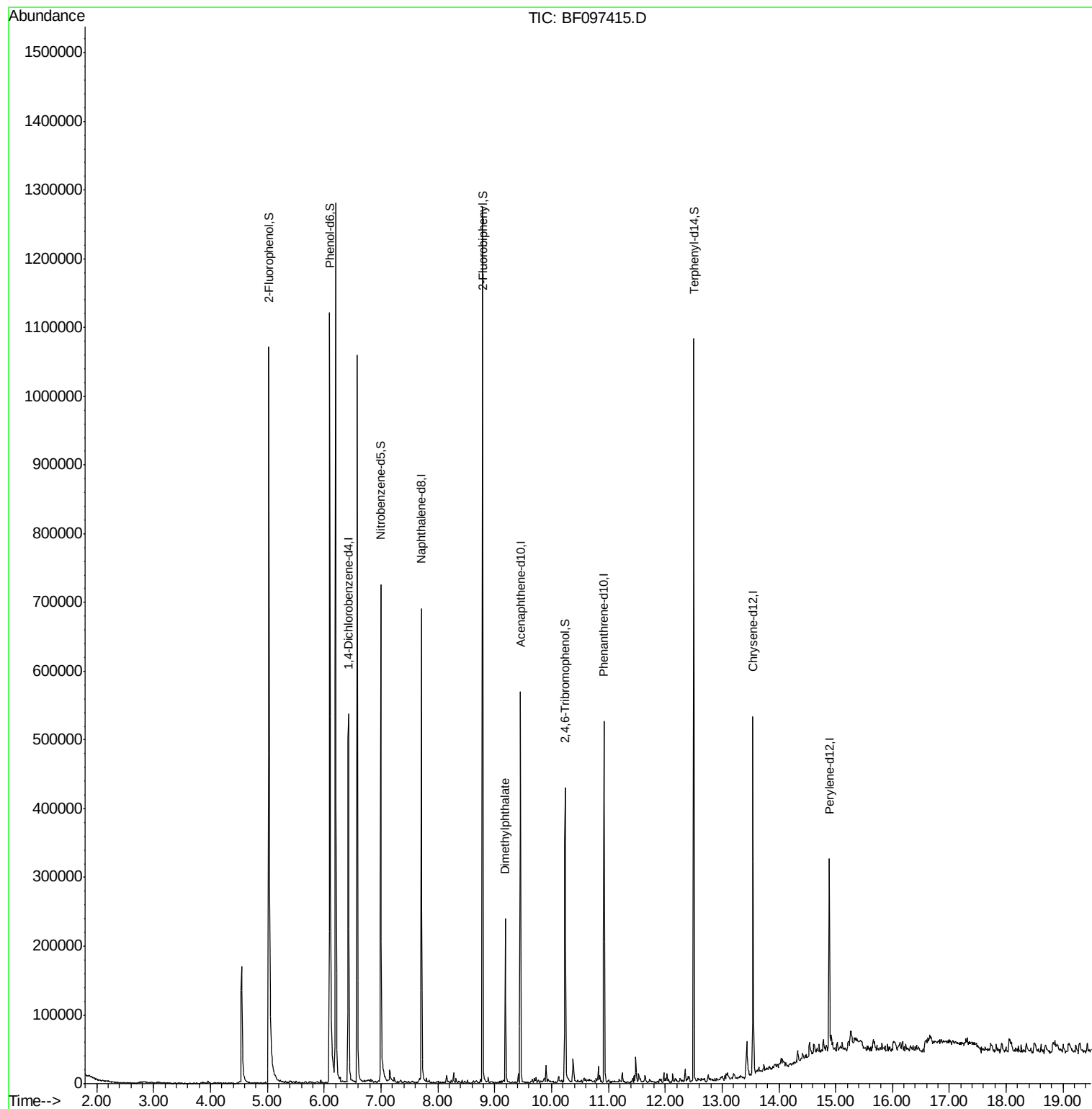
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	87237	20.00	ng	-0.07
21) Naphthalene-d8	7.71	136	319868	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	107435	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	182050	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	164767	20.00	ng	-0.08
86) Perylene-d12	14.89	264	107682	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	398197	68.81	ng	-0.08
7) Phenol-d6	6.10	99	444664	67.31	ng	-0.07
23) Nitrobenzene-d5	6.99	82	240658	44.14	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	49085	57.83	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	386135	61.00	ng	-0.08
78) Terphenyl-d14	12.50	244	310381	38.41	ng	-0.08
Target Compounds						Qvalue
49) Dimethylphthalate	9.19	163	91379	11.201	ng	99

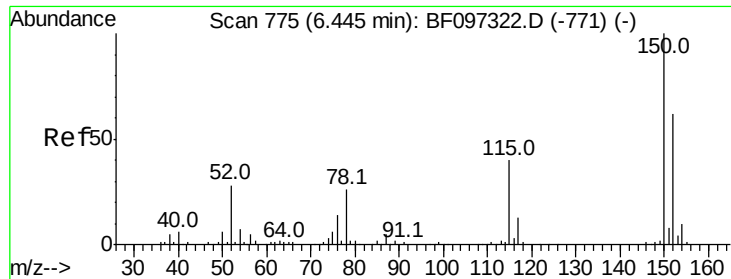
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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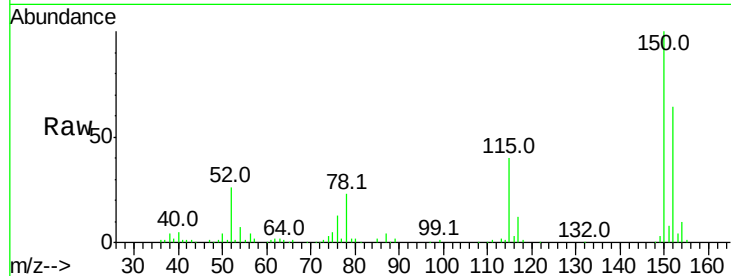


#1

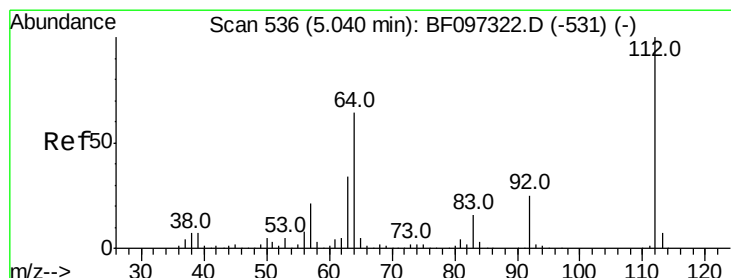
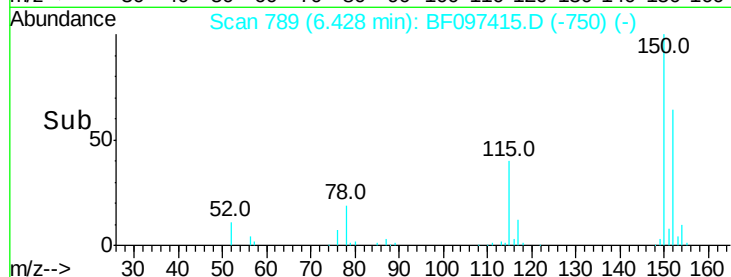
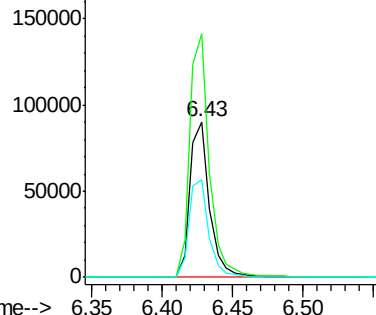
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.43 min Scan# 789
 Delta R.T. -0.07 min
 Lab File: BF097415.D
 Acq: 5 Aug 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-ESW

Tot Ion:152 Resp: 87237
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.2 189.2
 115 62.9 52.2 78.2



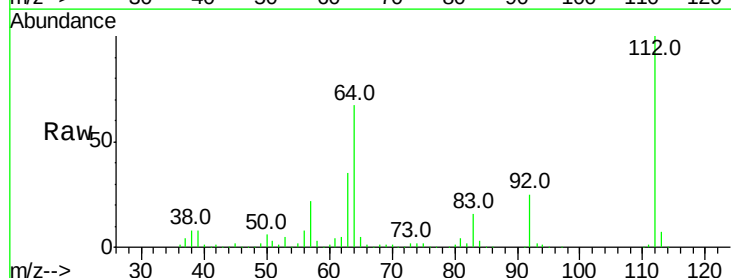
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



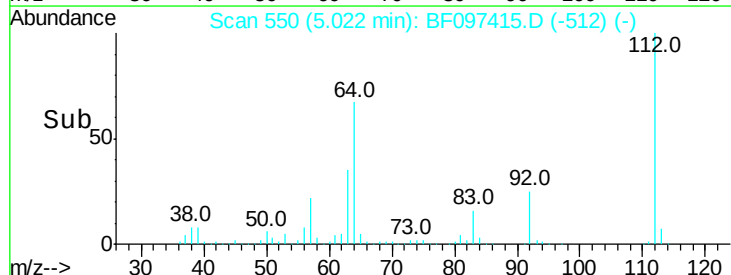
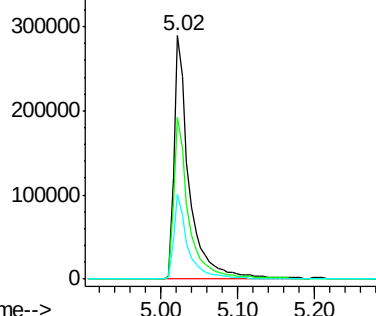
#5

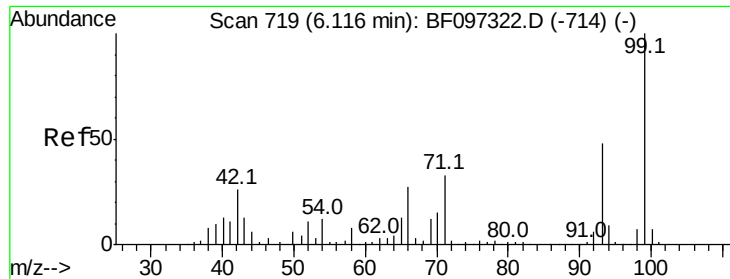
2-Fluorophenol
 Concen: 68.810 ng
 RT: 5.02 min Scan# 550
 Delta R.T. -0.08 min
 Lab File: BF097415.D
 Acq: 5 Aug 2017 23:35

Tgt Ion:112 Resp: 398197
 Ion Ratio Lower Upper
 112 100
 64 66.7 46.0 69.0
 63 34.7 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: 67.308 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Instrument :

BNA_F

ClientSampleId :

E2-O10-ESW

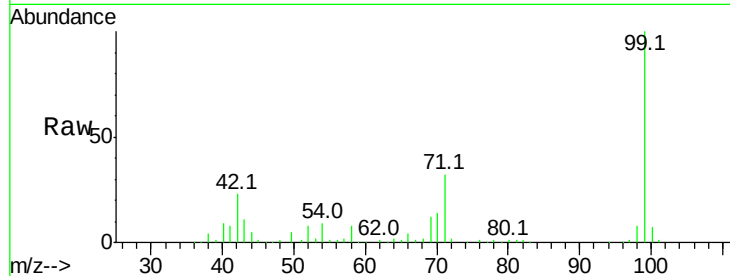
Tot Ion: 99 Resp: 444664

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

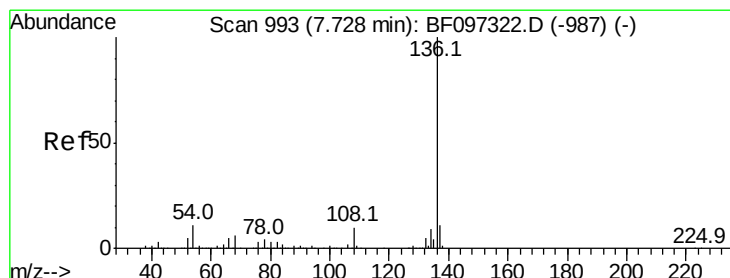
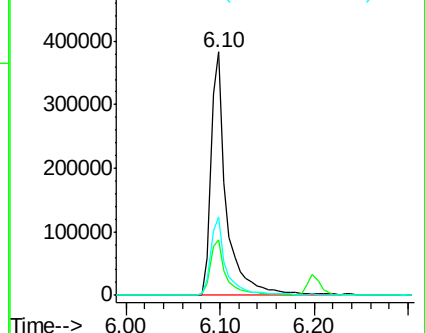
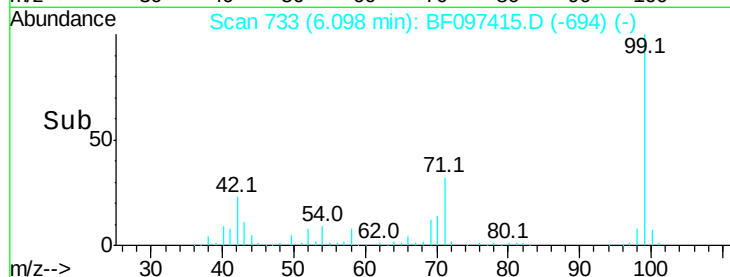
71 32.4 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Tgt Ion: 136 Resp: 319868

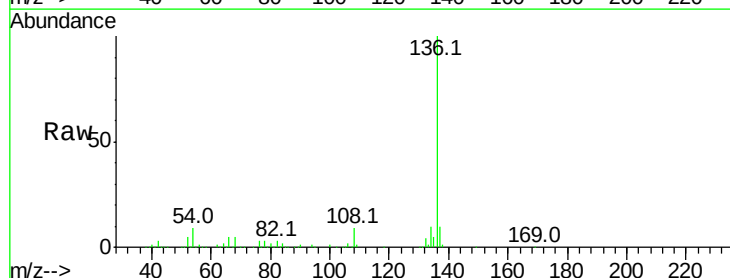
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 9.1 4.9 7.3#

68 5.2 4.1 6.1

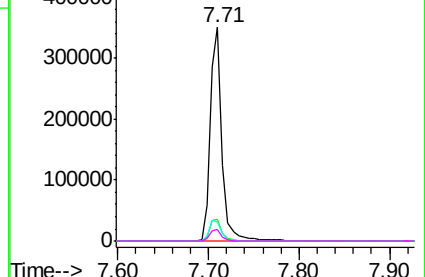
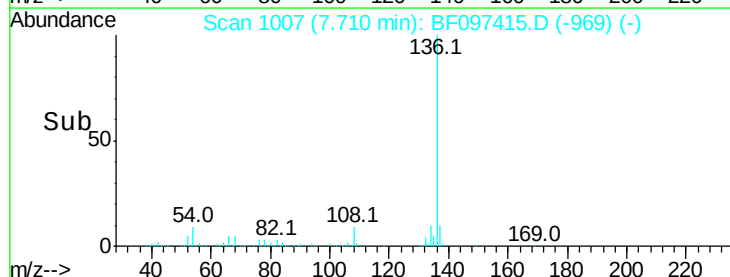


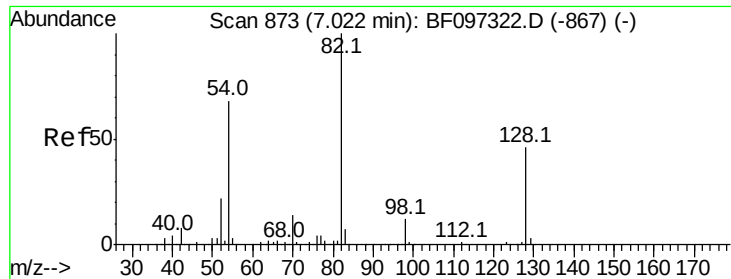
Abundance Ion 136.00 (135.70 to 136.70): E

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

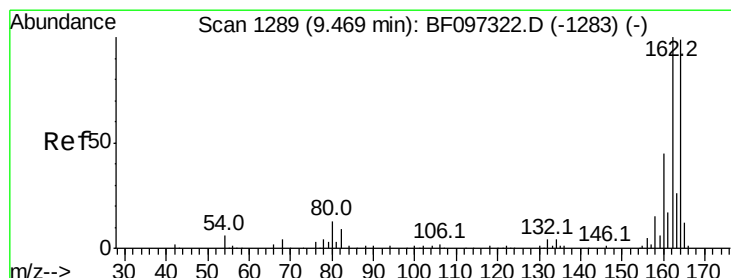
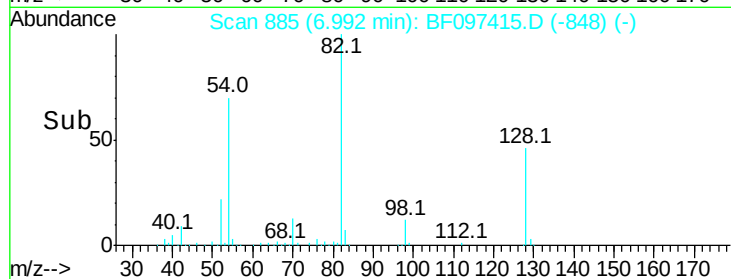
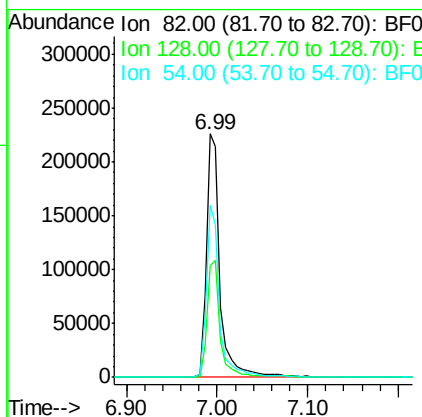
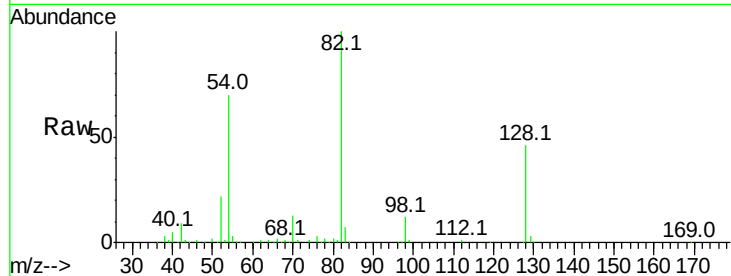




#23
 Nitrobenzene-d5
 Concen: 44.137 ng
 RT: 6.99 min Scan# 885
 Delta R.T. -0.08 min
 Lab File: BF097415.D
 Acq: 5 Aug 2017 23:35

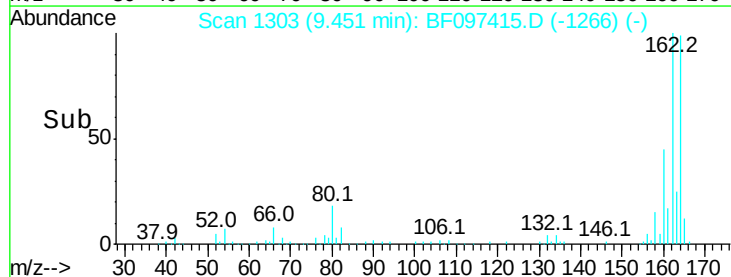
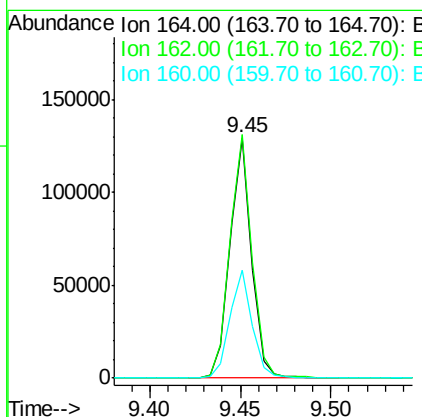
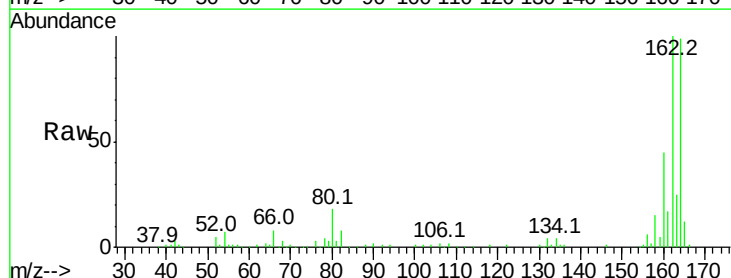
Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-ESW

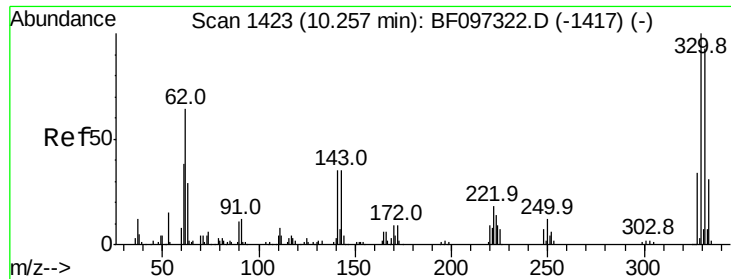
Tot Ion: 82 Resp: 240658
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 70.4 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097415.D
 Acq: 5 Aug 2017 23:35

Tgt Ion:164 Resp: 107435
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 45.2 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 57.826 ng

RT: 10.24 min Scan# 1437

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Instrument :

BNA_F

ClientSampleId :

E2-O10-ESW

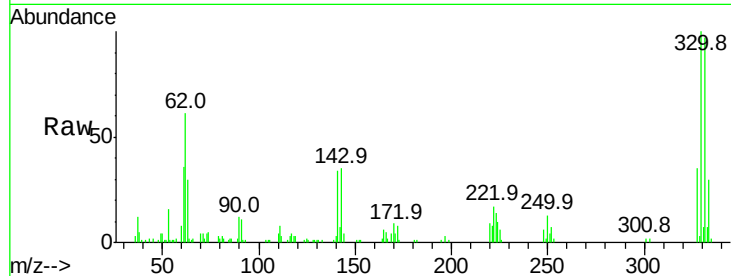
Tot Ion:330 Resp: 49085

Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

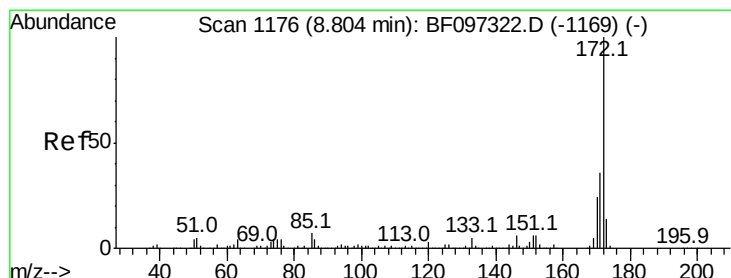
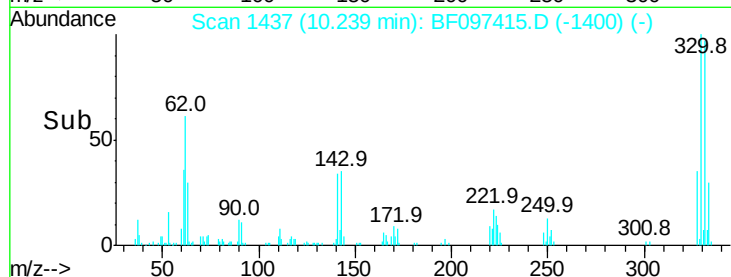
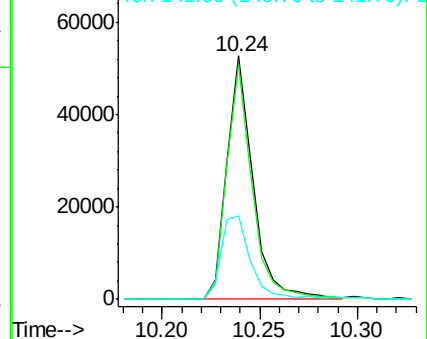
141 40.1 31.4 47.2



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: 60.996 ng

RT: 8.79 min Scan# 1190

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

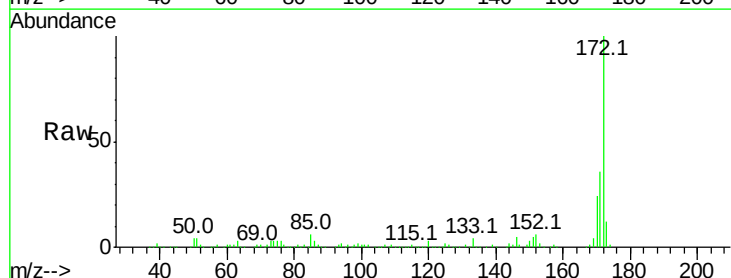
Tgt Ion:172 Resp: 386135

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

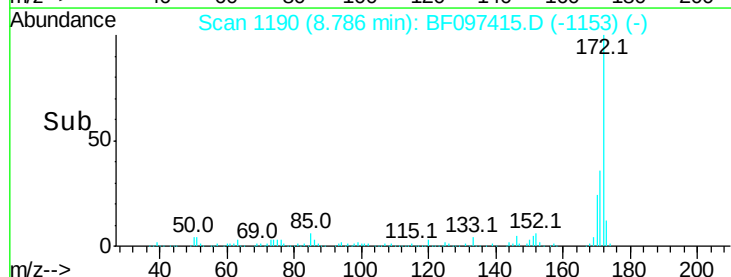
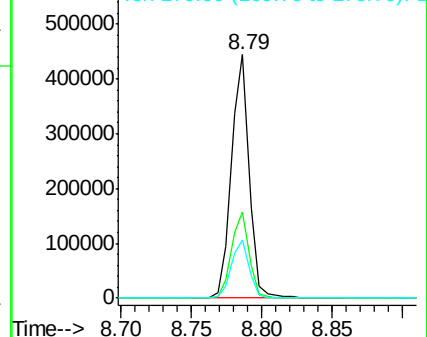
170 23.8 19.8 29.8

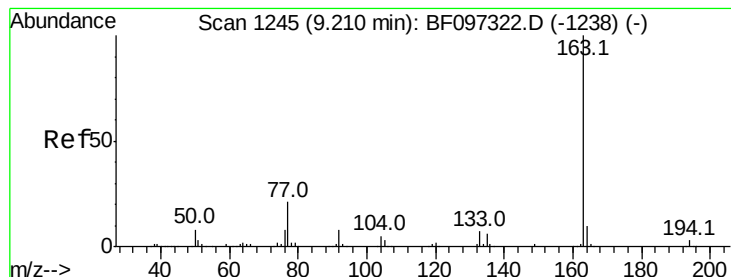


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 11.201 ng

RT: 9.19 min Scan# 1258

Delta R.T. -0.09 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Instrument :

BNA_F

ClientSampleId :

E2-O10-ESW

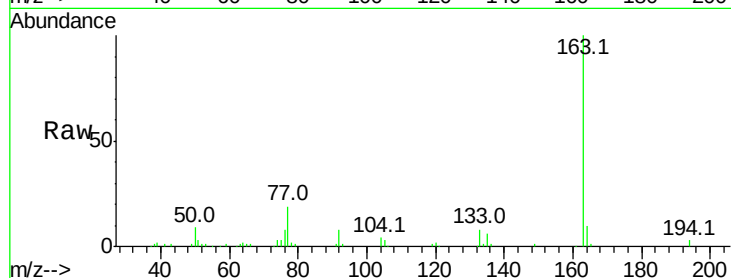
Tot Ion:163 Resp: 91379

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

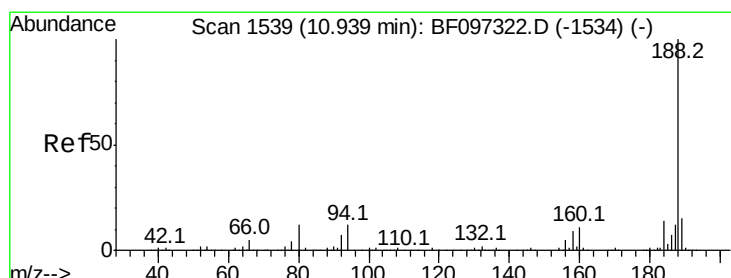
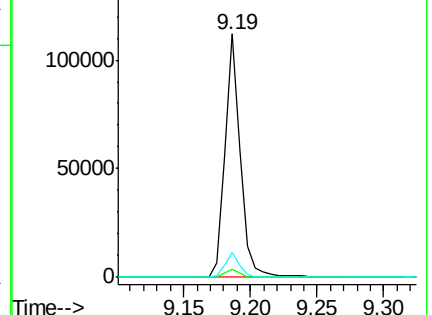
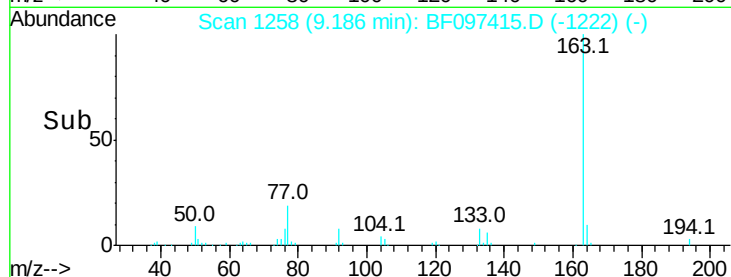
164 10.1 8.4 12.6



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: 10.92 min Scan# 1553

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

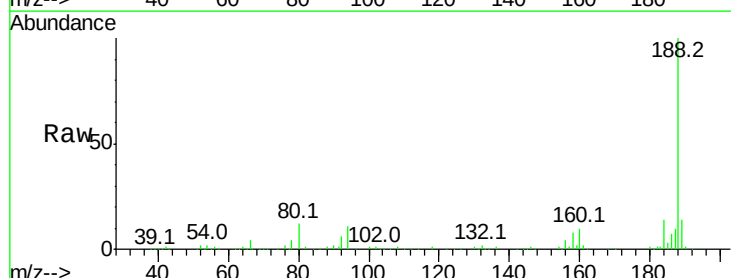
Tgt Ion:188 Resp: 182050

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

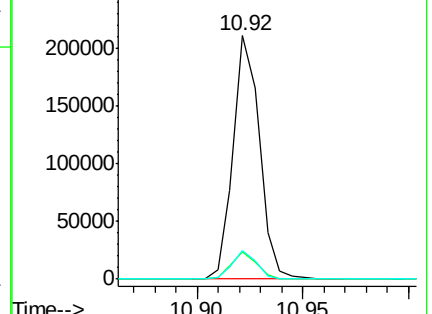
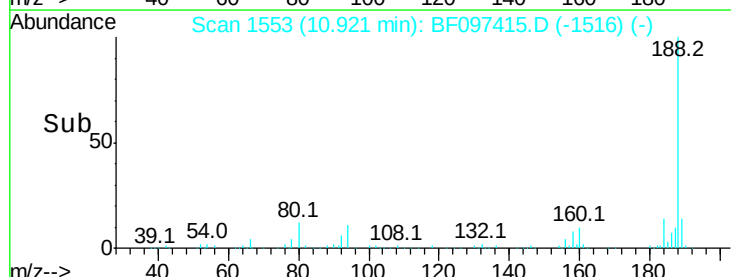
80 11.7 10.2 15.2

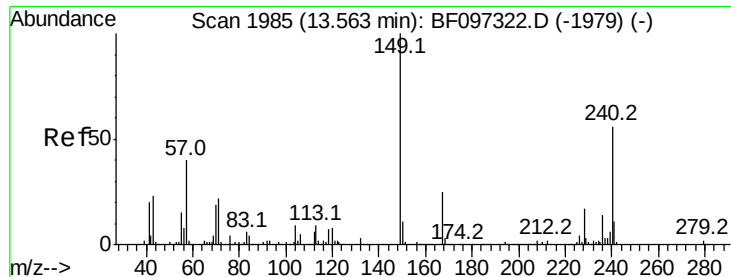


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.54 min Scan# 1999

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Instrument :

BNA_F

ClientSampleId :

E2-O10-ESW

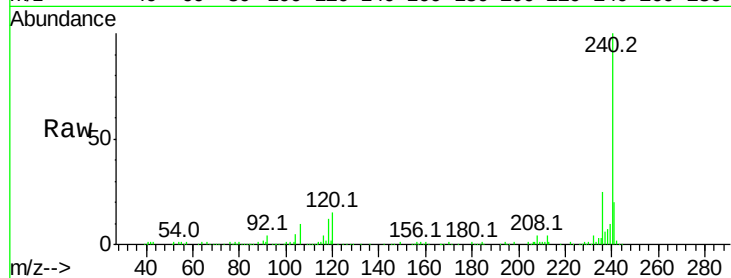
Tot Ion:240 Resp: 164767

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

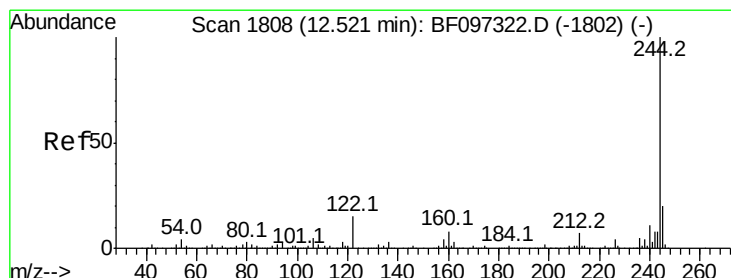
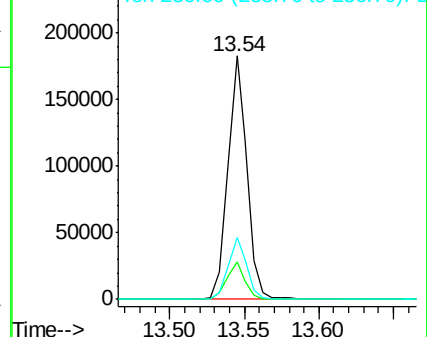
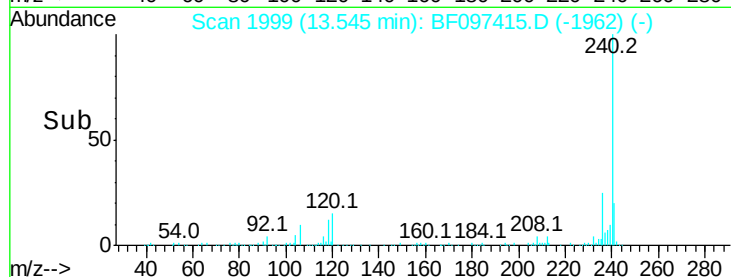
236 25.3 20.5 30.7



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: 38.407 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

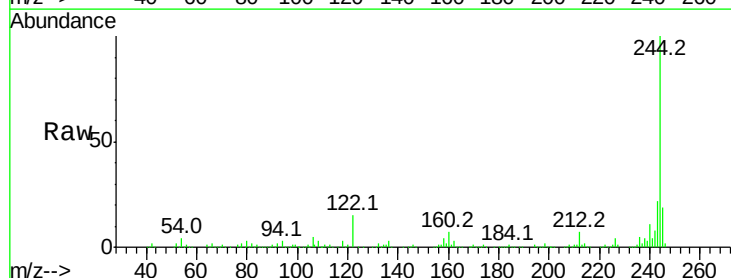
Tgt Ion:244 Resp: 310381

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

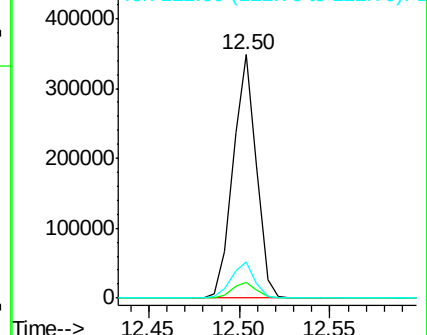
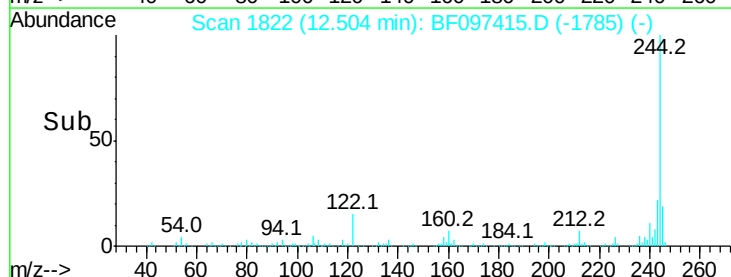
122 14.9 10.3 15.5

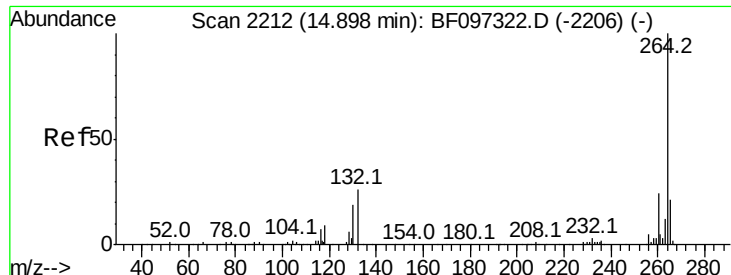


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

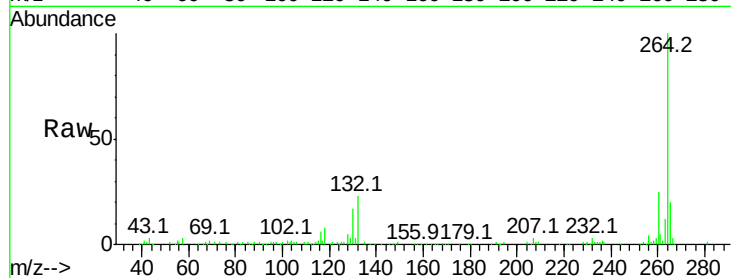




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.89 min Scan# 2227
 Delta R.T. -0.09 min
 Lab File: BF097415.D
 Acq: 5 Aug 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-ESW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	19.8	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

