

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093494.D
 Acq On : 9 Mar 2017 23:57
 Operator : SJ/MA
 Sample : I2211-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-TP-1-COMP-0-12FT

Quant Time: Mar 10 00:23:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

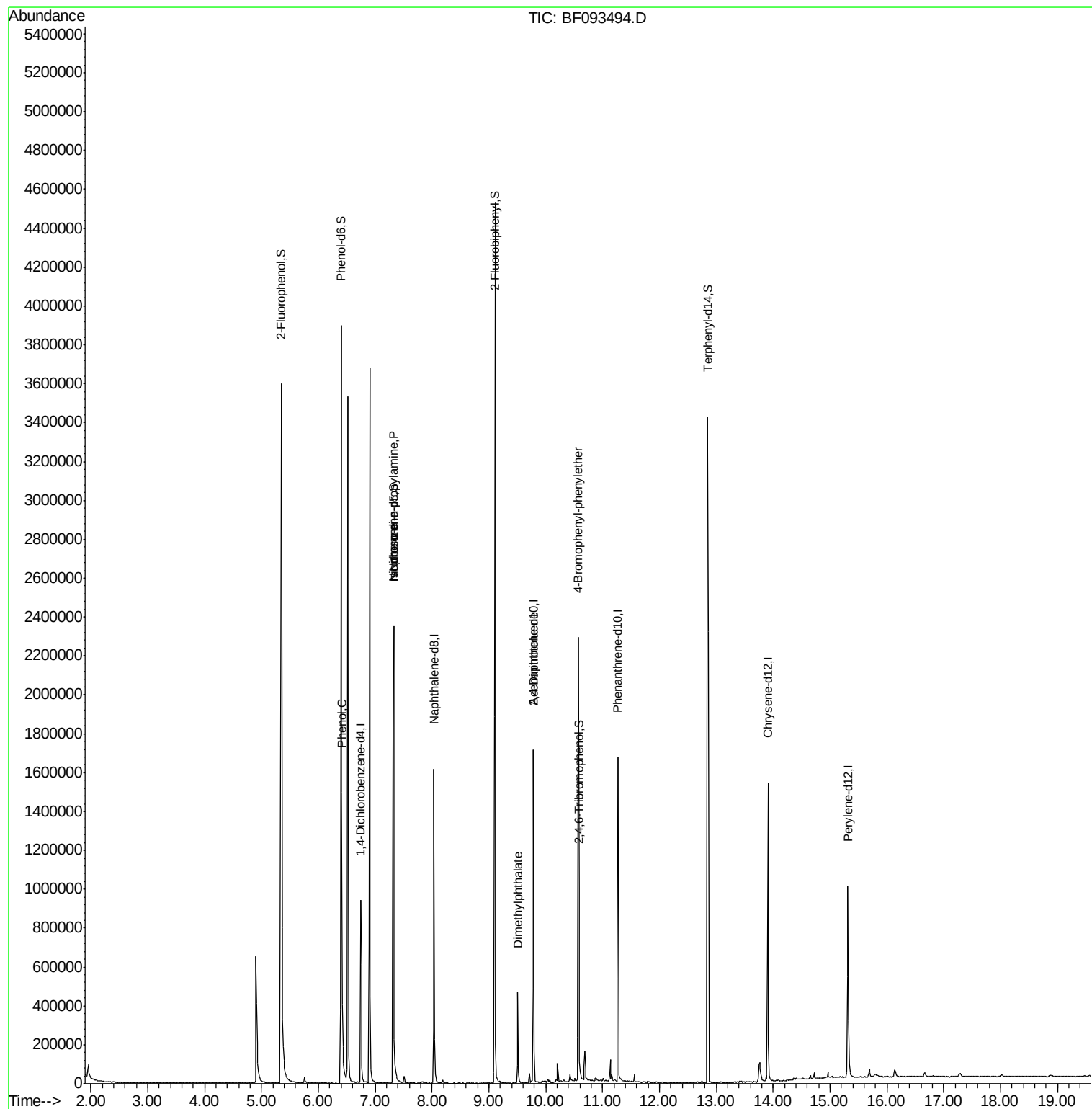
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	181404	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	734814	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	341747	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	639773	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	594014	20.00	ng	-0.01
86) Perylene-d12	15.32	264	446090	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1324341	121.50	ng	0.00
7) Phenol-d6	6.40	99	1502155	109.29	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1097672	82.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	290474	130.46	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1535810	83.59	ng	-0.02
78) Terphenyl-d14	12.85	244	1394998	61.06	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.40	77	2768	Below Cal	#	1
10) Phenol	6.41	94	126987	7.54	ng	89
19) n-Nitroso-di-n-propylamine	7.33	70	145236	15.37	ng	# 76
25) Isophorone	7.33	82	1096649	41.06	ng	# 65
49) Dimethylphthalate	9.51	163	189303	8.36	ng	99
56) 2,4-Dinitrotoluene	9.78	165	43628	7.14	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	20485	3.03	ng	# 1

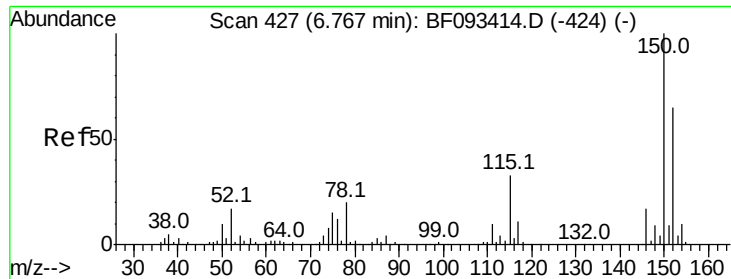
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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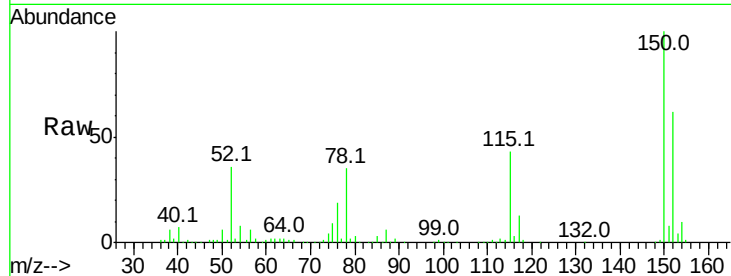


#1

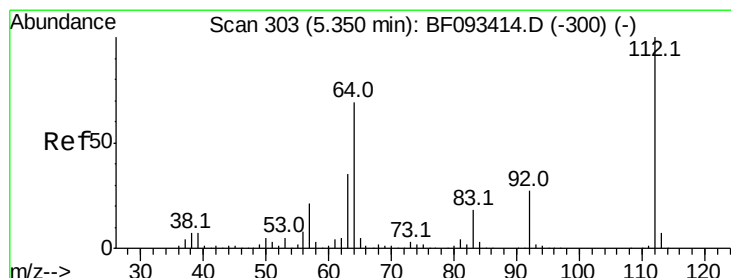
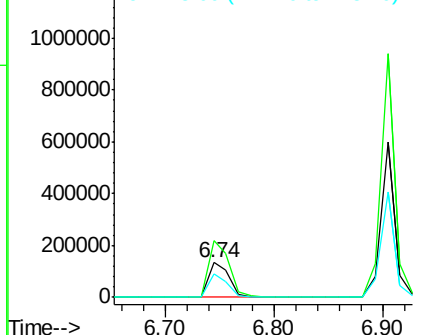
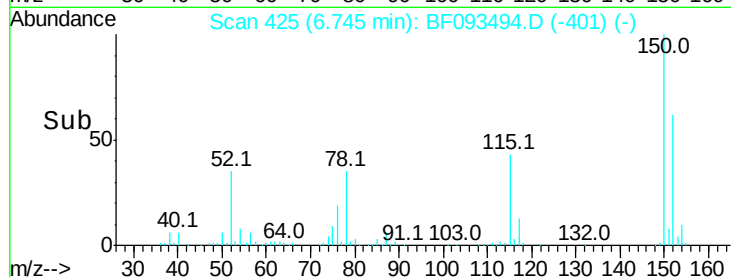
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093494.D
Acq: 9 Mar 2017 23:57

Instrument :
BNA_F
ClientSampleId :
TP-2-TP-1-COMP-0-12FT

Tot Ion:152 Resp: 181404
Ion Ratio Lower Upper
152 100
150 160.8 124.9 187.3
115 68.5 46.0 69.0



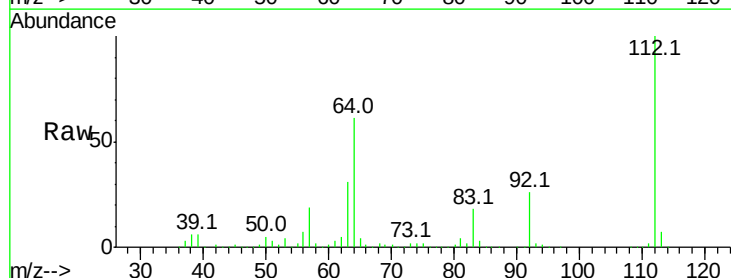
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



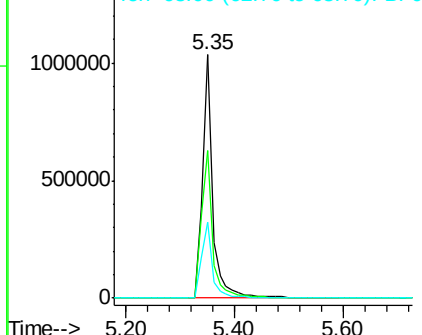
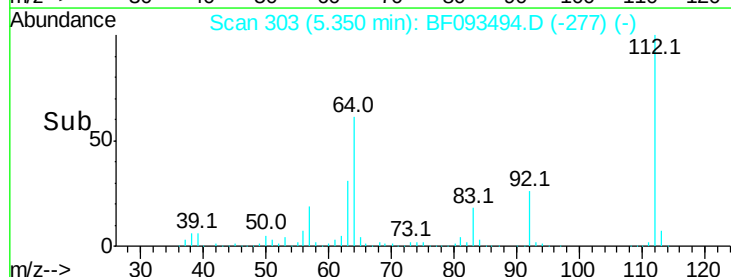
#5

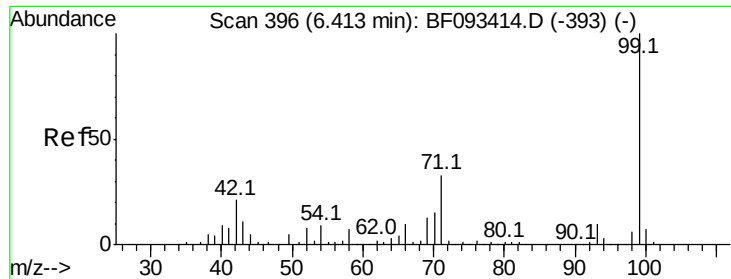
2-Fluorophenol
Concen: 121.50 ng
RT: 5.35 min Scan# 303
Delta R.T. 0.00 min
Lab File: BF093494.D
Acq: 9 Mar 2017 23:57

Tgt Ion:112 Resp: 1324341
Ion Ratio Lower Upper
112 100
64 60.8 46.1 69.1
63 31.2 23.8 35.6



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: 109.29 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093494.D

Acq: 9 Mar 2017 23:57

Instrument :

BNA_F

ClientSampleId :

TP-2-TP-1-COMP-0-12FT

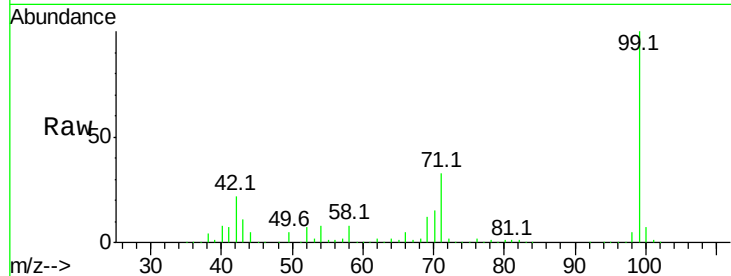
Tot Ion: 99 Resp: 1502155

Ion Ratio Lower Upper

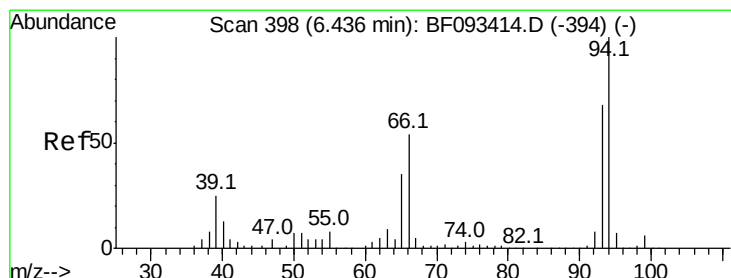
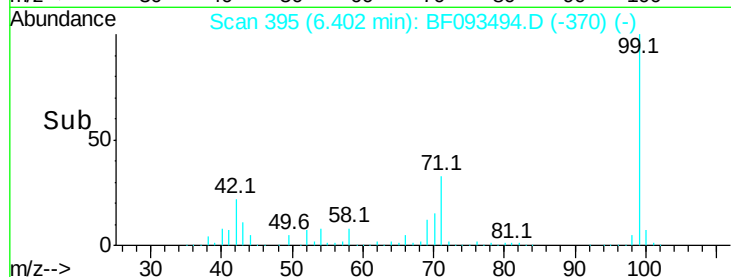
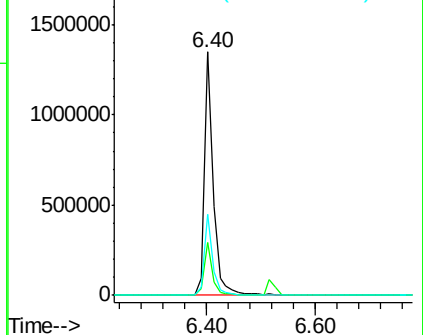
99 100

42 21.6 15.6 23.4

71 33.5 27.5 41.3



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: 7.54 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF093494.D

Acq: 9 Mar 2017 23:57

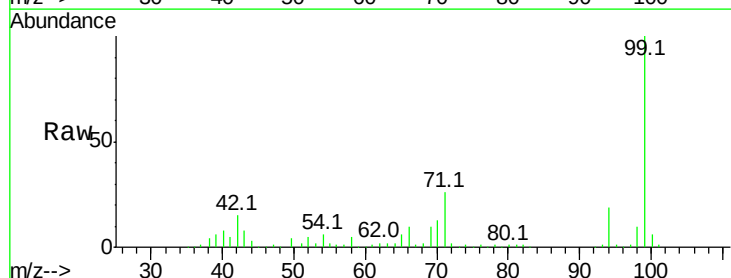
Tgt Ion: 94 Resp: 126987

Ion Ratio Lower Upper

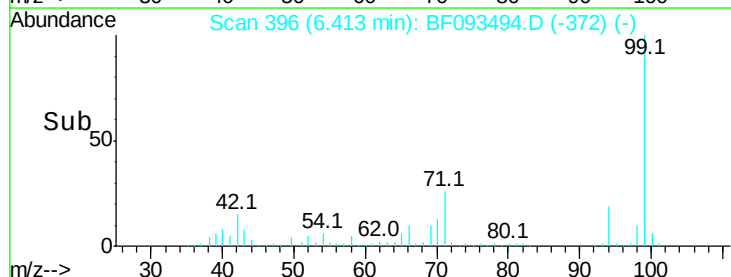
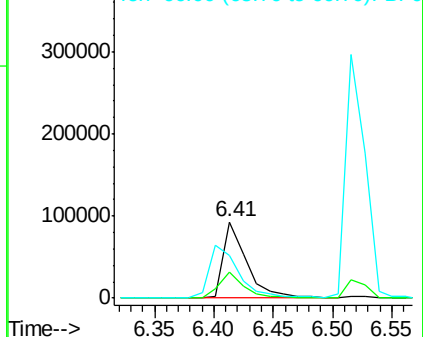
94 100

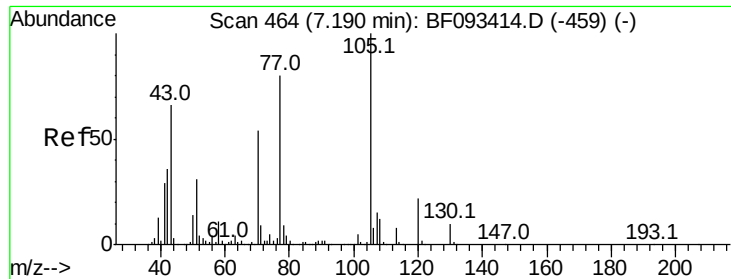
65 33.7 21.4 61.4

66 55.6 44.0 84.0



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

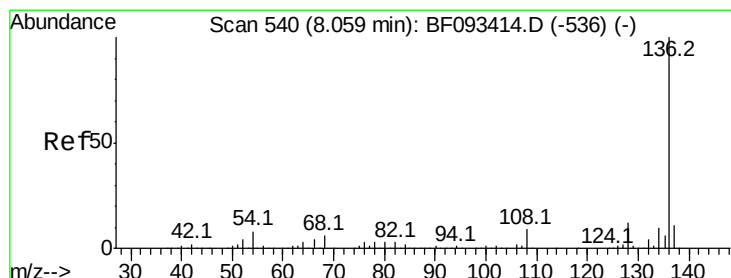
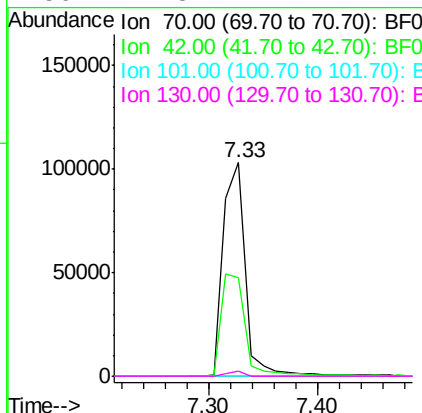
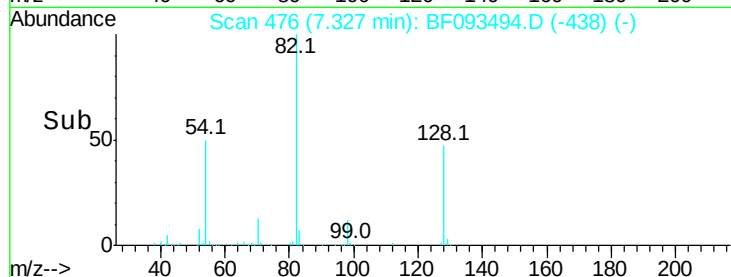
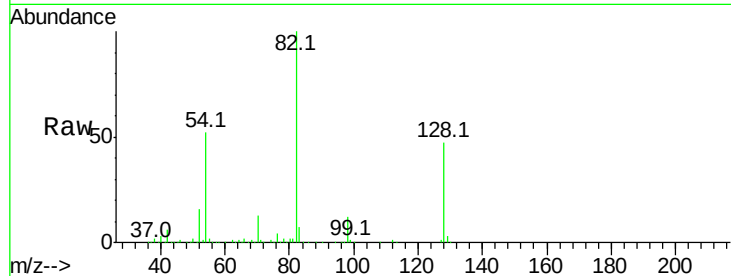




#19
n-Nitroso-di-n-propylamine
Concen: 15.37 ng
RT: 7.33 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF093494.D
Acq: 9 Mar 2017 23:57

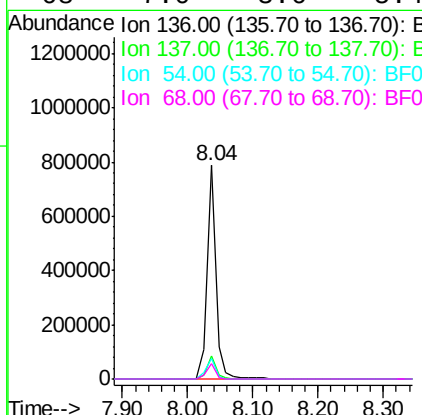
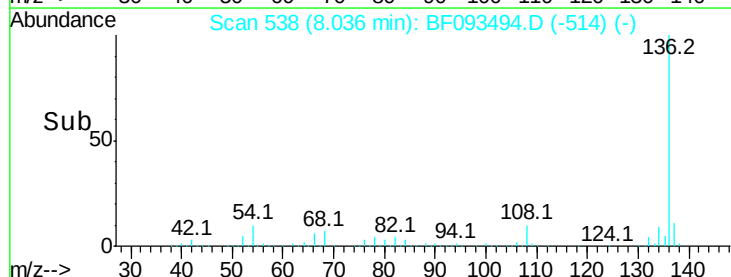
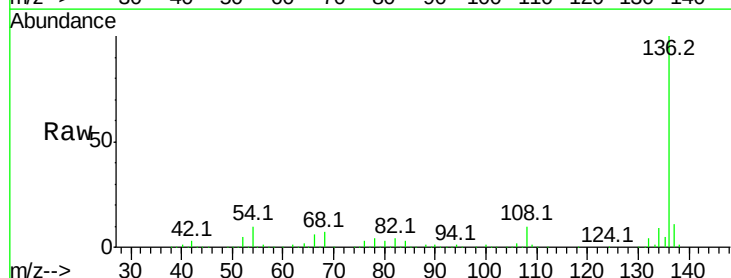
Instrument :
BNA_F
ClientSampleId :
TP-2-TP-1-COMP-0-12FT

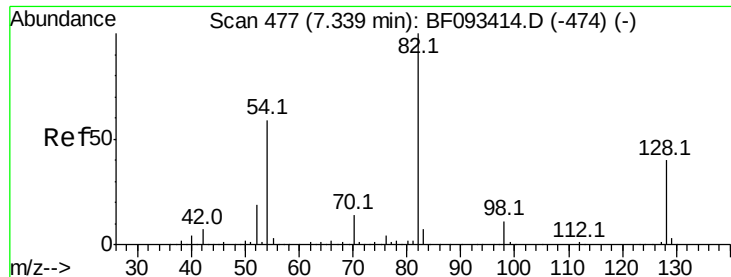
Tot Ion: 70 Resp: 145236
Ion Ratio Lower Upper
70 100
42 46.1 49.4 74.0#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093494.D
Acq: 9 Mar 2017 23:57

Tgt Ion:136 Resp: 734814
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 9.7 4.5 6.7#
68 7.0 3.6 5.4#



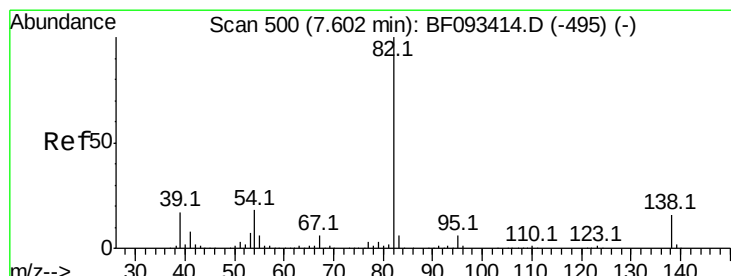
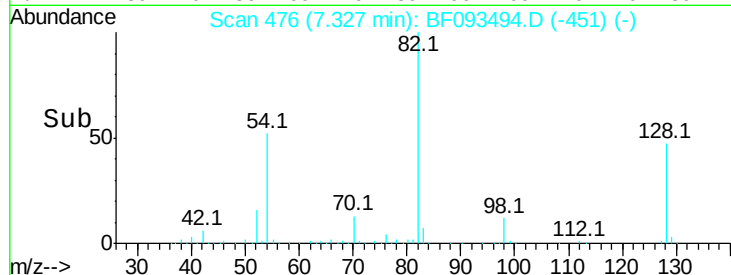
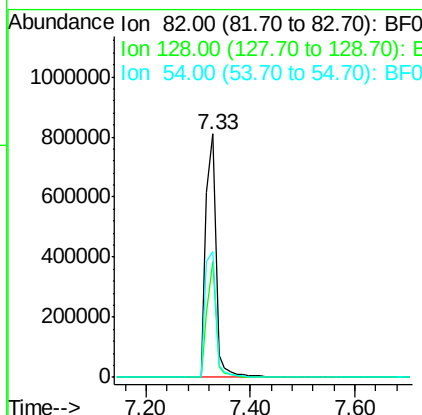
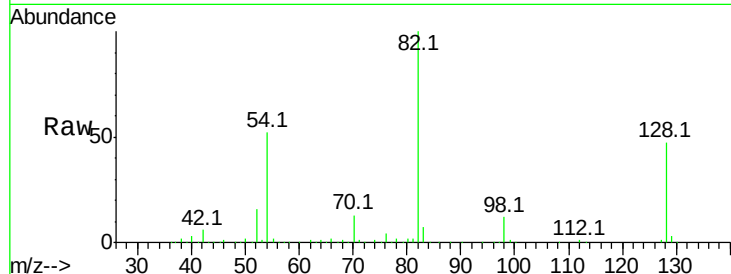


#23
 Nitrobenzene-d5
 Concen: 82.88 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093494.D
 Acq: 9 Mar 2017 23:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-TP-1-COMP-0-12FT

Tot Ion: 82 Resp: 1097672

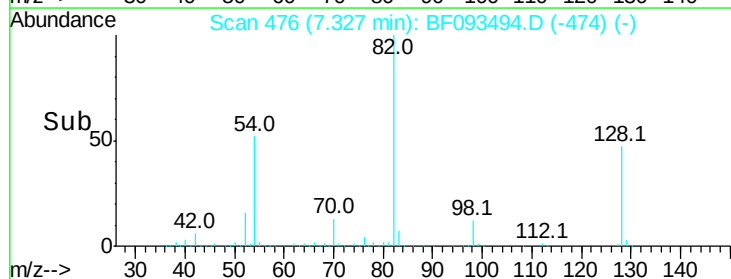
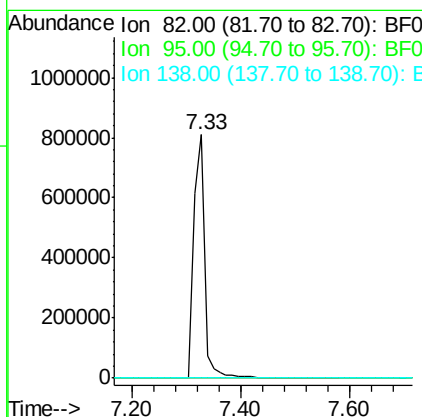
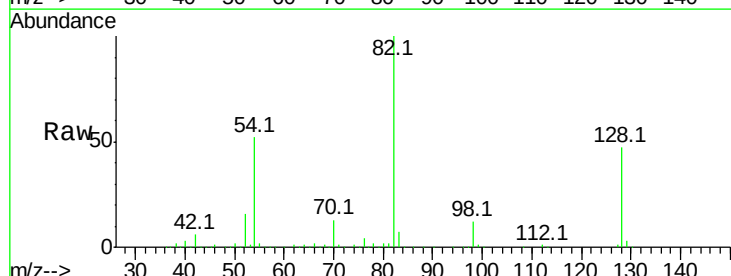
Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	52.0
54	51.6	39.5	59.3

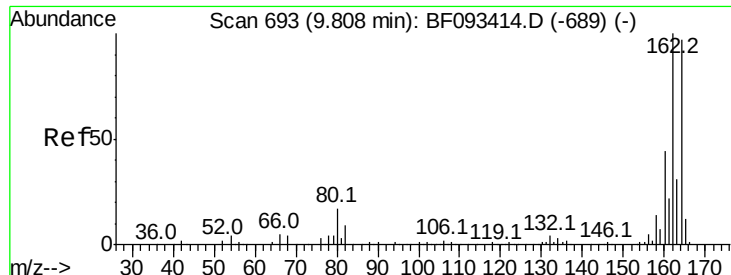


#25
 Isophorone
 Concen: 41.06 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF093494.D
 Acq: 9 Mar 2017 23:57

Tgt Ion: 82 Resp: 1096649

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

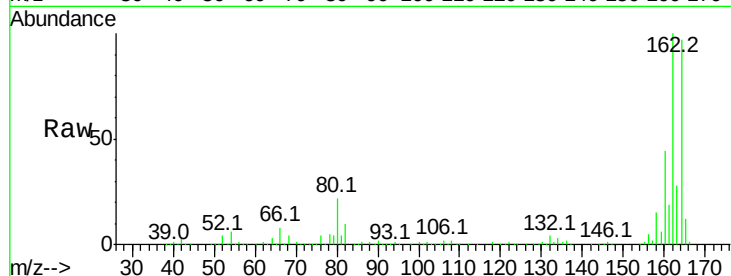




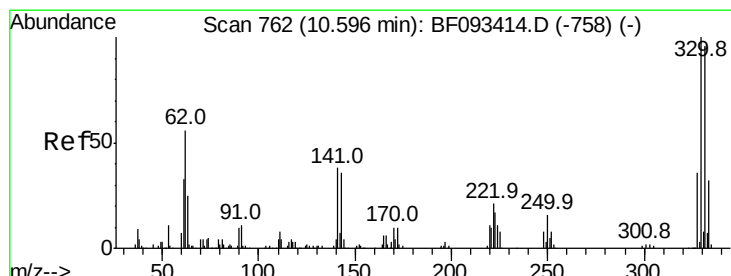
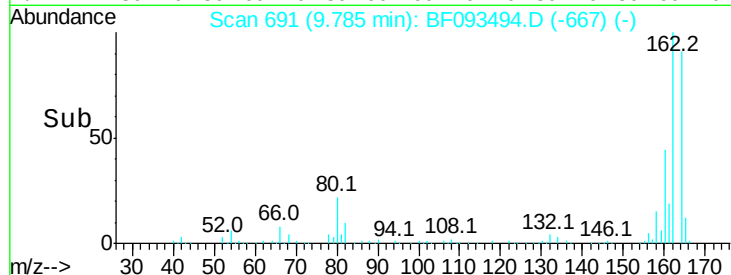
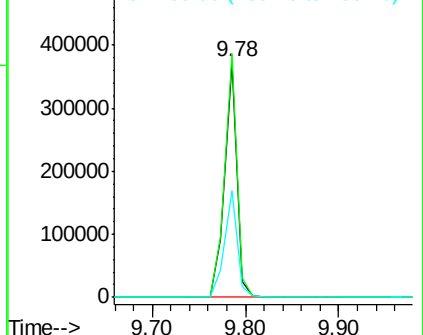
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093494.D
Acq: 9 Mar 2017 23:57

Instrument :
BNA_F
ClientSampleId :
TP-2-TP-1-COMP-0-12FT

Tot Ion:164 Resp: 341747
Ion Ratio Lower Upper
164 100
162 103.6 80.2 120.2
160 45.4 36.9 55.3

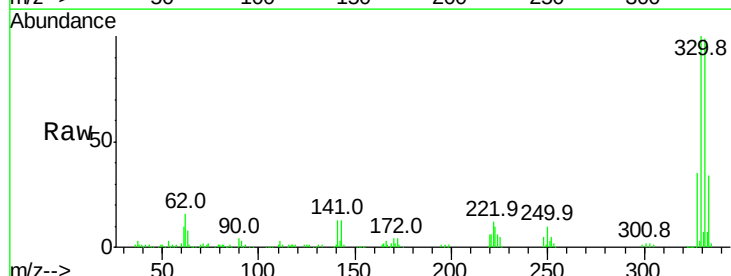


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

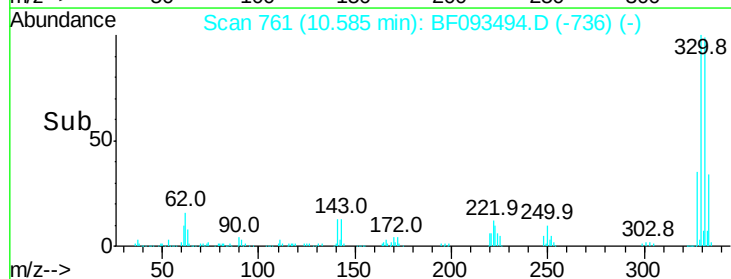
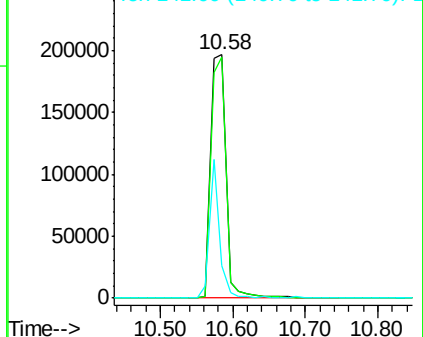


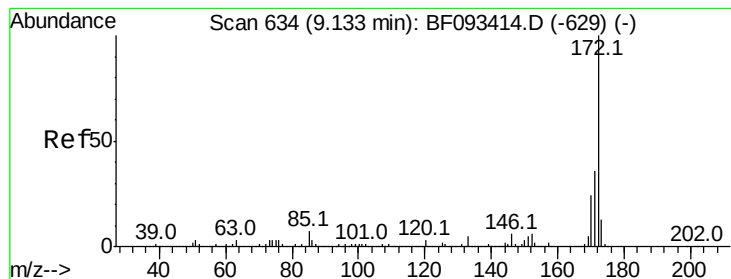
#41
2,4,6-Tribromophenol
Concen: 130.46 ng
RT: 10.58 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF093494.D
Acq: 9 Mar 2017 23:57

Tgt Ion:330 Resp: 290474
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 37.5 34.1 51.1



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: 83.59 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093494.D

Acq: 9 Mar 2017 23:57

Instrument :

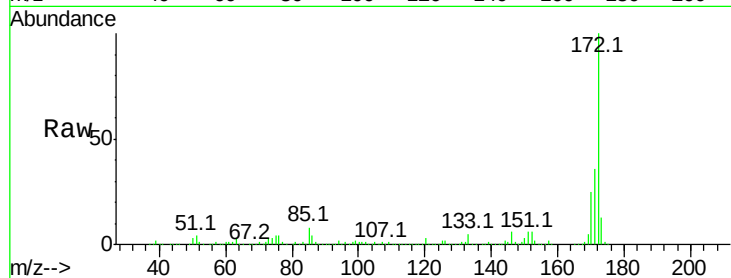
BNA_F

ClientSampleId :

TP-2-TP-1-COMP-0-12FT

Tot Ion:172 Resp: 1535810

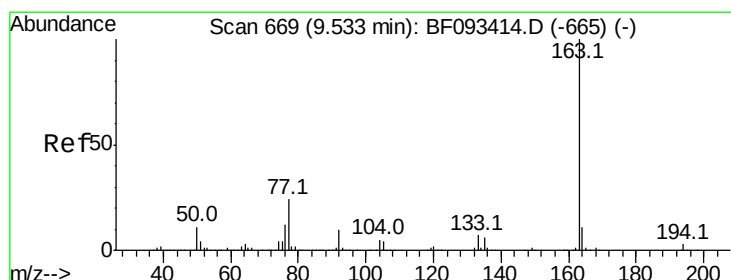
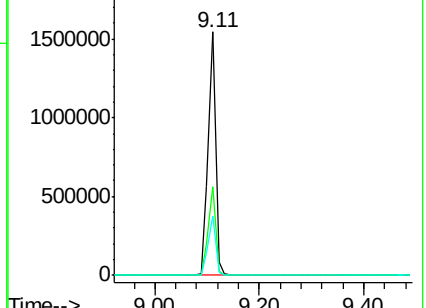
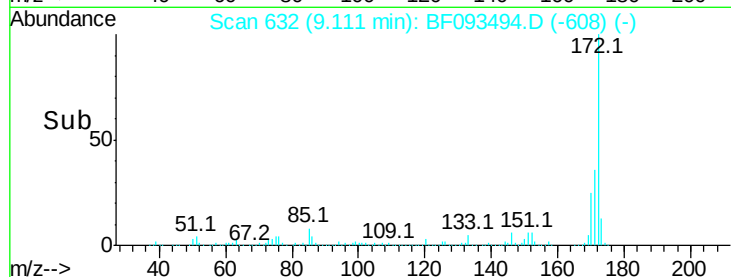
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	20.2	30.4



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: 8.36 ng

RT: 9.51 min Scan# 667

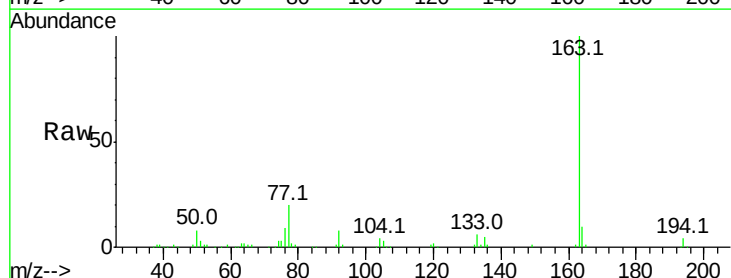
Delta R.T. -0.02 min

Lab File: BF093494.D

Acq: 9 Mar 2017 23:57

Tgt Ion:163 Resp: 189303

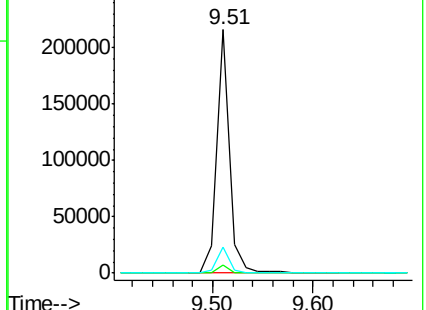
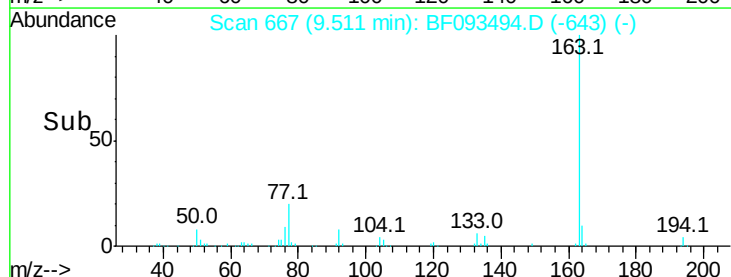
Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.5	8.0	12.0

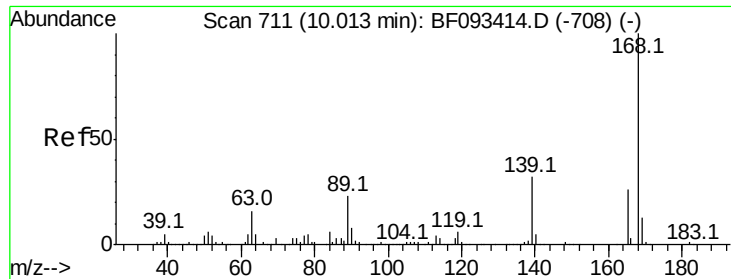


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

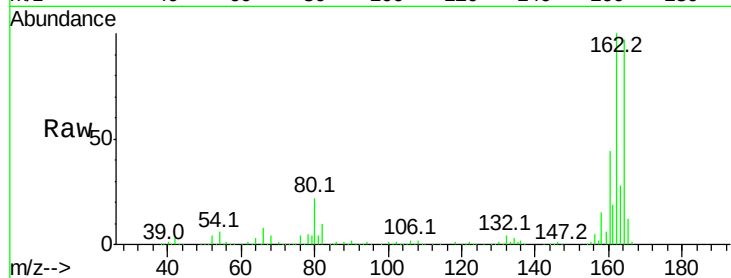




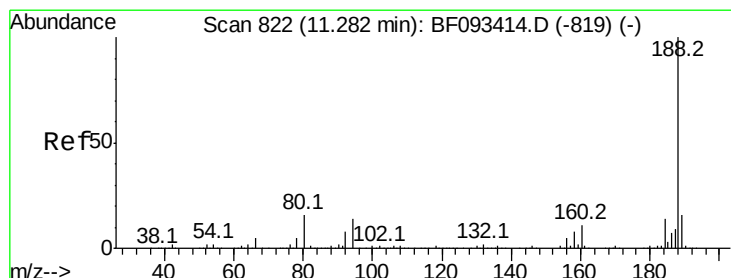
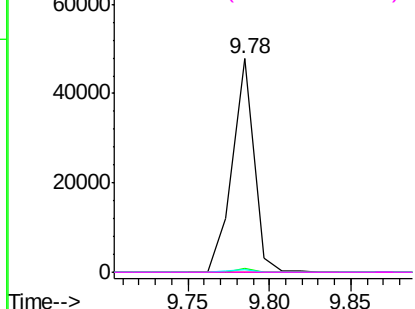
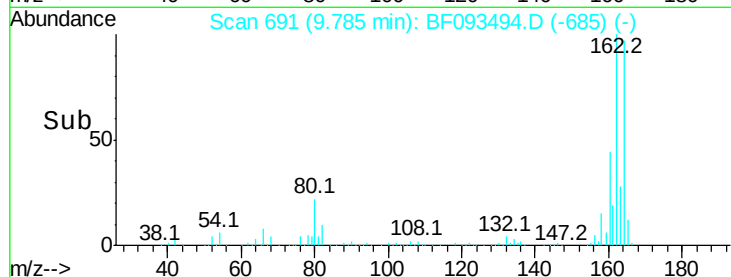
#56
 2,4-Dinitrotoluene
 Concen: 7.14 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.23 min
 Lab File: BF093494.D
 Acq: 9 Mar 2017 23:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-TP-1-COMP-0-12FT

Tot Ion:165 Resp: 43628
 Ion Ratio Lower Upper
 165 100
 63 1.6 40.2 60.4#
 89 1.2 62.5 93.7#
 182 0.0 1.8 2.8#

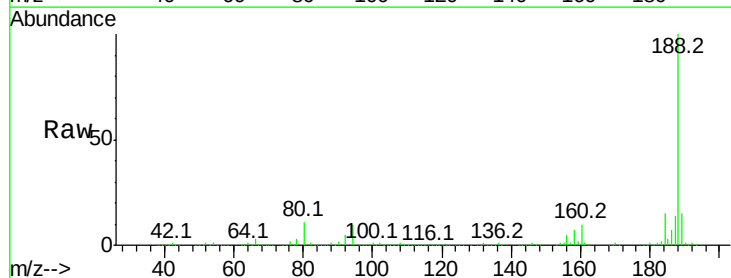


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

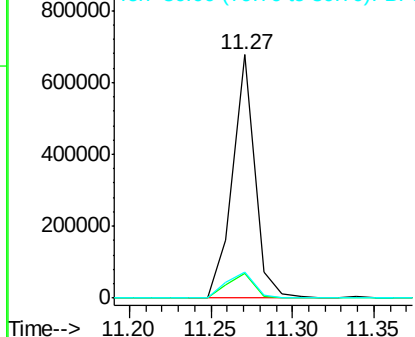
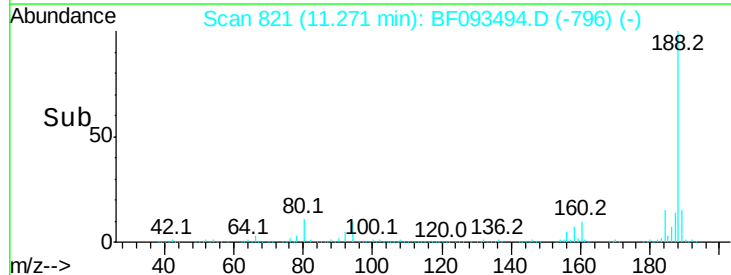


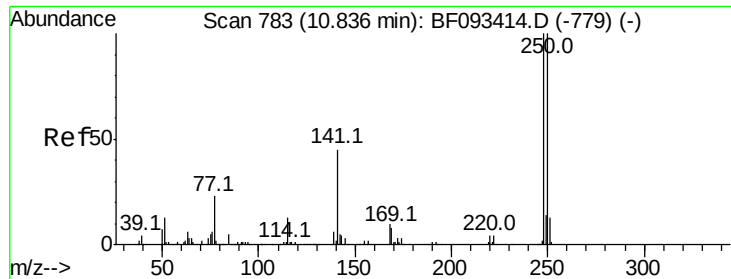
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF093494.D
 Acq: 9 Mar 2017 23:57

Tgt Ion:188 Resp: 639773
 Ion Ratio Lower Upper
 188 100
 94 10.0 10.0 15.0
 80 10.5 11.2 16.8#



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





#66

4-Bromophenyl-phenylether

Concen: 3.03 ng

RT: 10.57 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF093494.D

Acq: 9 Mar 2017 23:57

Instrument :

BNA_F

ClientSampleId :

TP-2-TP-1-COMP-0-12FT

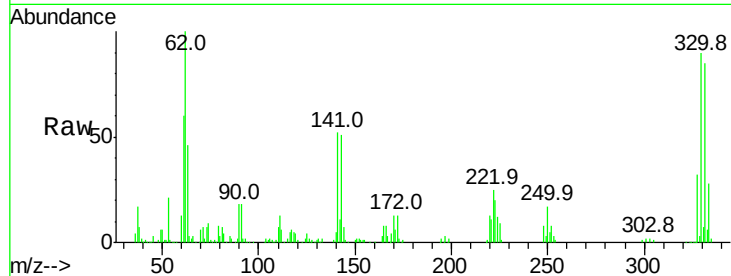
Tot Ion:248 Resp: 20485

Ion Ratio Lower Upper

248 100

250 195.2 76.9 115.3#

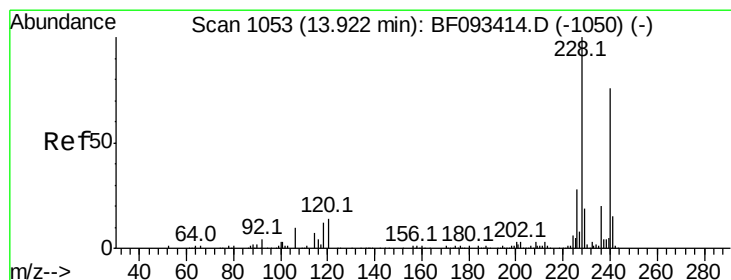
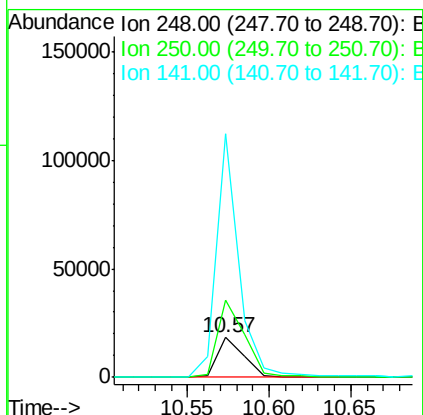
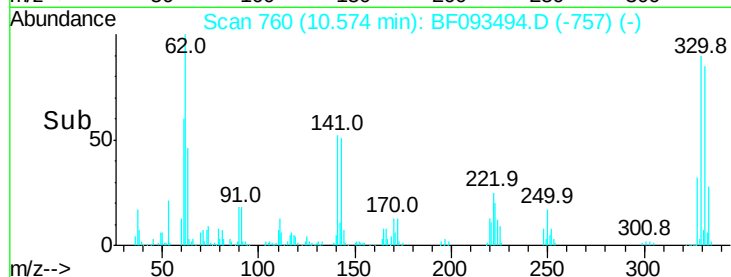
141 616.9 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093494.D

Acq: 9 Mar 2017 23:57

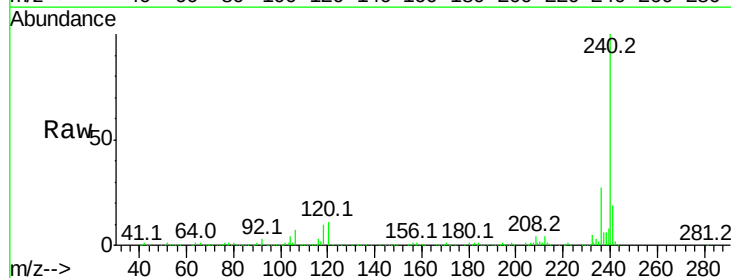
Tgt Ion:240 Resp: 594014

Ion Ratio Lower Upper

240 100

120 11.3 12.9 19.3#

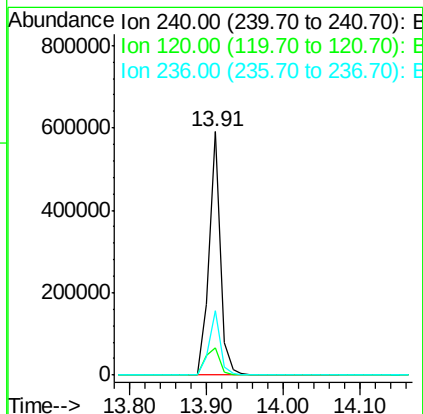
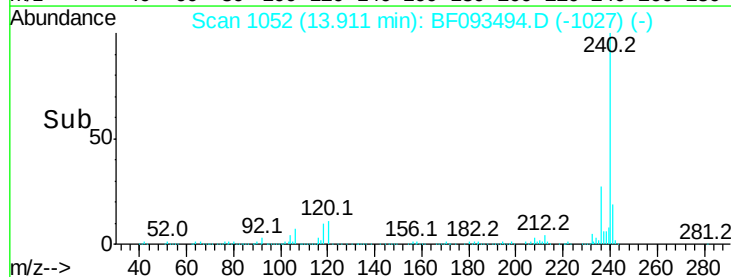
236 26.6 20.9 31.3

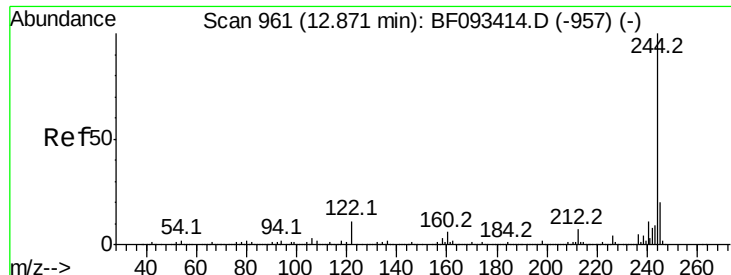


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.06 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093494.D

Acq: 9 Mar 2017 23:57

Instrument :

BNA_F

ClientSampleId :

TP-2-TP-1-COMP-0-12FT

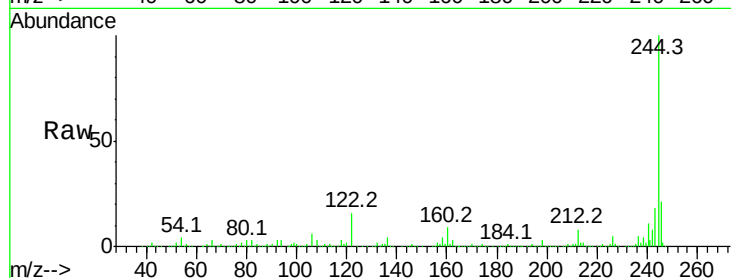
Tot Ion:244 Resp: 1394998

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

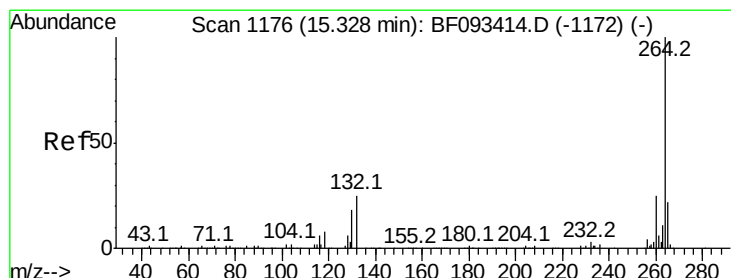
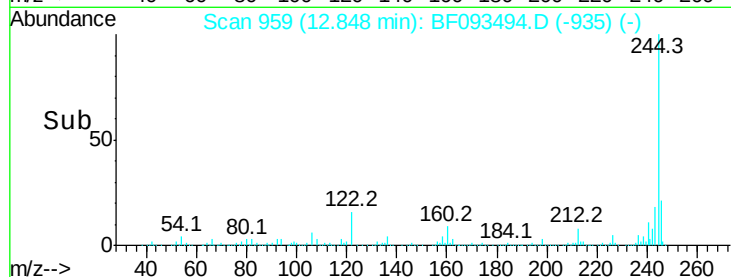
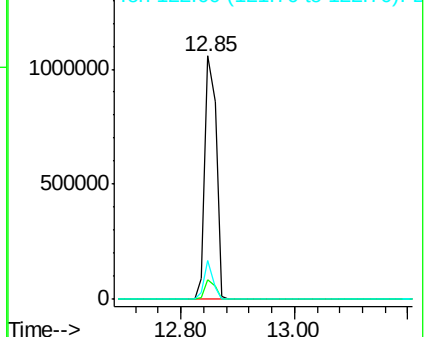
122 16.1 11.4 17.2



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: 20.00 ng

RT: 15.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF093494.D

Acq: 9 Mar 2017 23:57

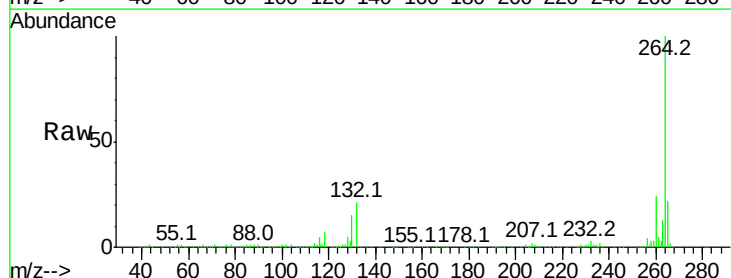
Tgt Ion:264 Resp: 446090

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.2 17.4 26.0



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

