

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093676.D
 Acq On : 15 Mar 2017 19:03
 Operator : SJ/MA
 Sample : I2264-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC6-BASE

Quant Time: Mar 16 01:42:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

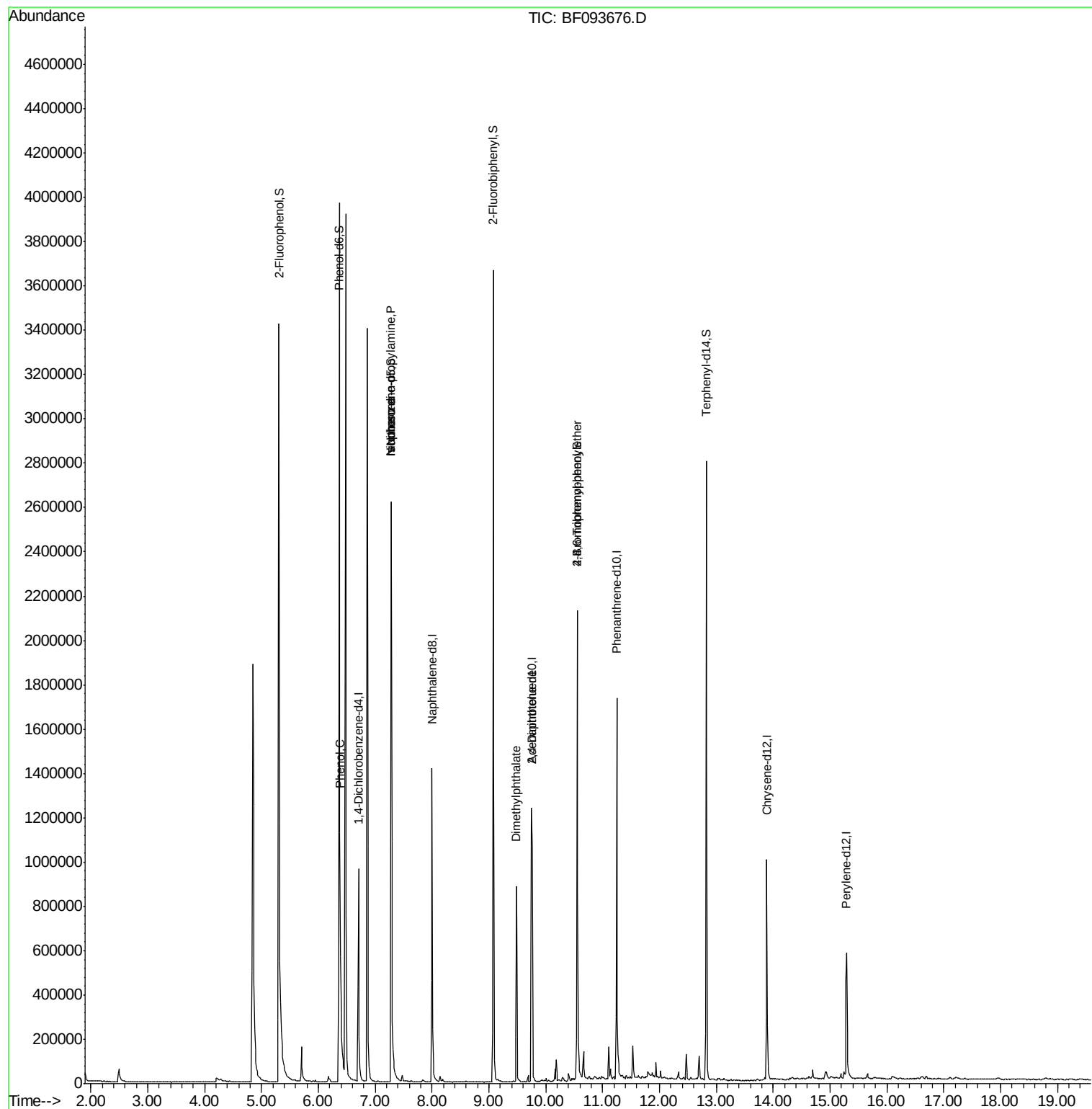
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	180243	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	738001	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	346709	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	621437	20.00	ng	0.00
75) Chrysene-d12	13.89	240	383992	20.00	ng	0.00
86) Perylene-d12	15.29	264	317397	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1273532	117.60	ng	-0.01
7) Phenol-d6	6.37	99	1615010	118.26	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1029229	77.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	259876	115.05	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1271626	68.22	ng	-0.01
78) Terphenyl-d14	12.82	244	1026396	69.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	3195	Below Cal	#	1
10) Phenol	6.38	94	120481	7.20	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	137267	14.62	ng	85
25) Isophorone	7.28	82	1019289	38.00	ng	65
49) Dimethylphthalate	9.49	163	381277	16.59	ng	100
56) 2,4-Dinitrotoluene	9.75	165	44192	7.13	ng	21
66) 4-Bromophenyl-phenylether	10.55	248	18794	2.86	ng	1

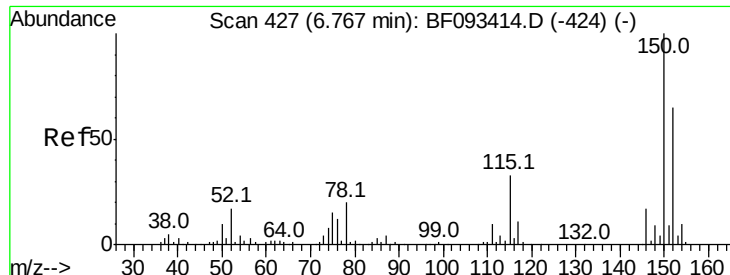
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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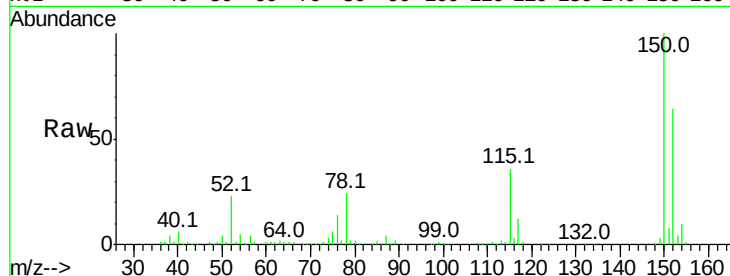


#1

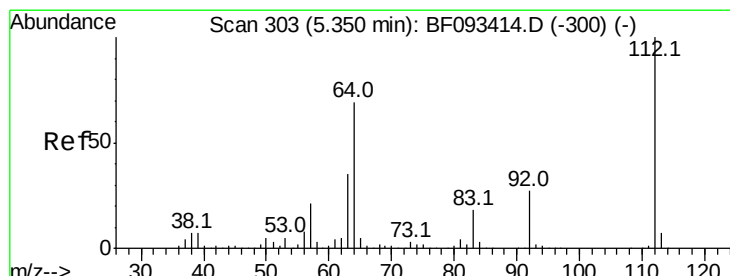
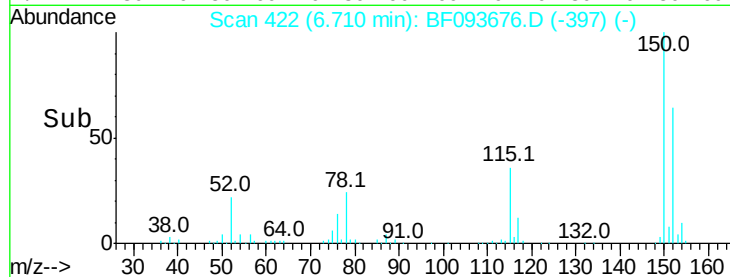
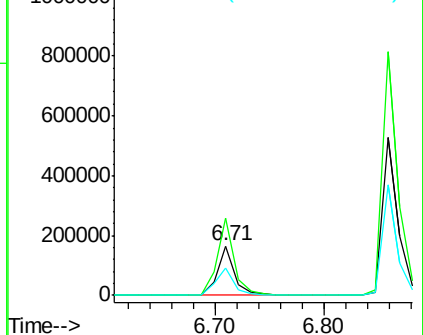
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093676.D
Acq: 15 Mar 2017 19:03

Instrument :
BNA_F
ClientSampleId :
E2-CC6-BASE

Tot Ion:152 Resp: 180243
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 56.4 46.0 69.0



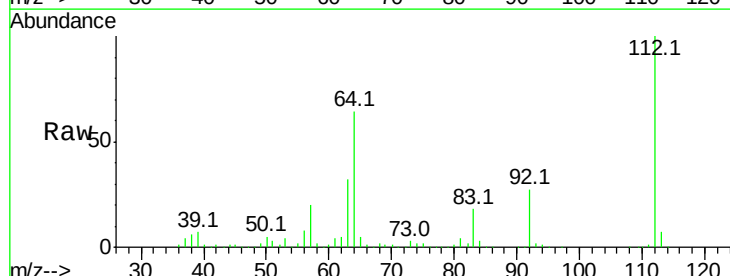
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



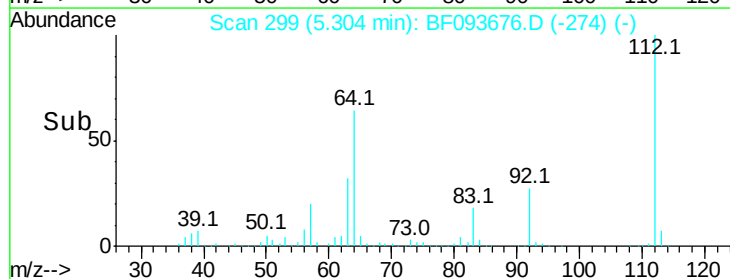
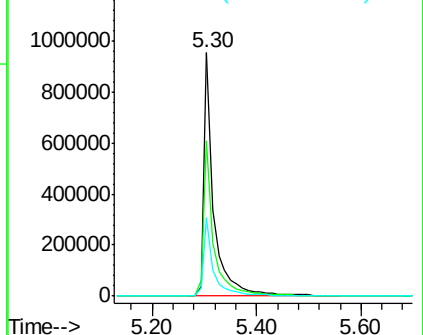
#5

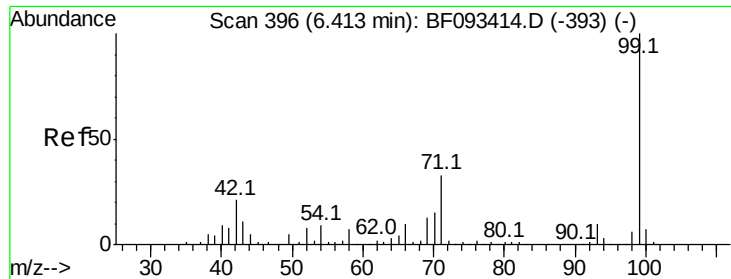
2-Fluorophenol
Concen: 117.60 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093676.D
Acq: 15 Mar 2017 19:03

Tgt Ion:112 Resp: 1273532
Ion Ratio Lower Upper
112 100
64 63.5 46.1 69.1
63 32.3 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: 118.26 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

Instrument :

BNA_F

ClientSampleId :

E2-CC6-BASE

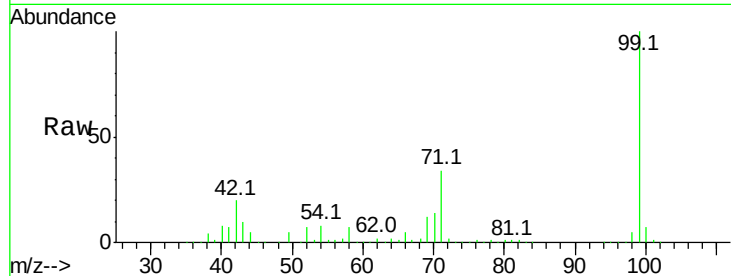
Tot Ion: 99 Resp: 1615010

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.6	23.4
71	33.7	27.5	41.3

99 100

42 20.4 15.6 23.4

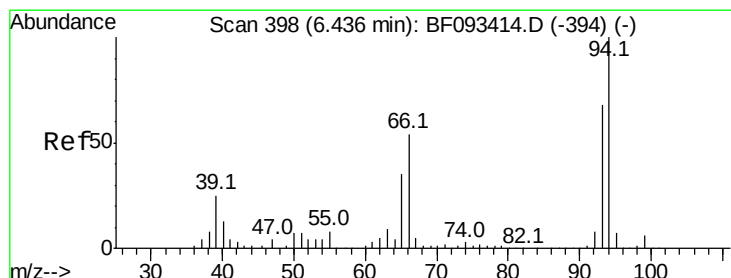
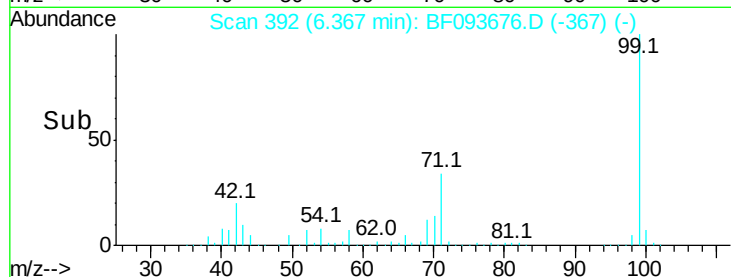
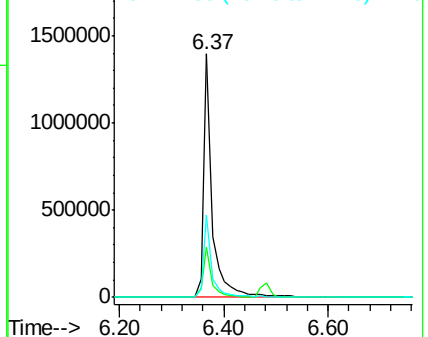
71 33.7 27.5 41.3



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: 7.20 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

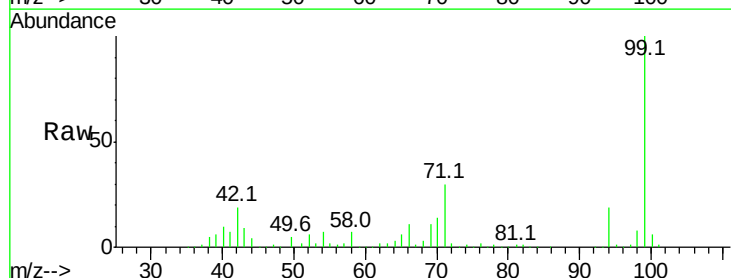
Tgt Ion: 94 Resp: 120481

Ion	Ratio	Lower	Upper
94	100		
65	32.1	21.4	61.4
66	59.5	44.0	84.0

94 100

65 32.1 21.4 61.4

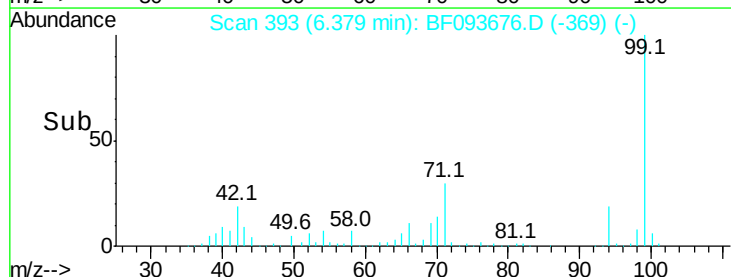
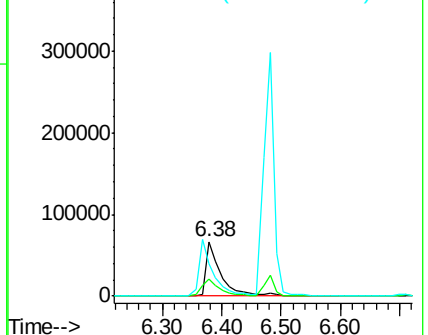
66 59.5 44.0 84.0

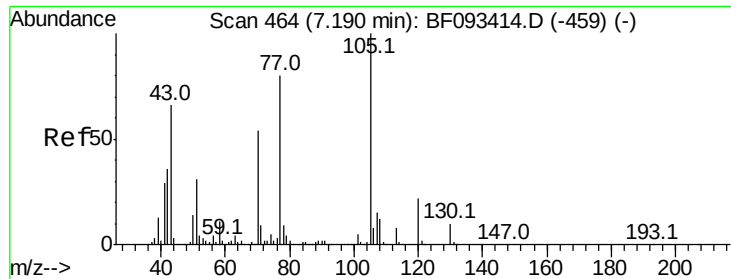


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

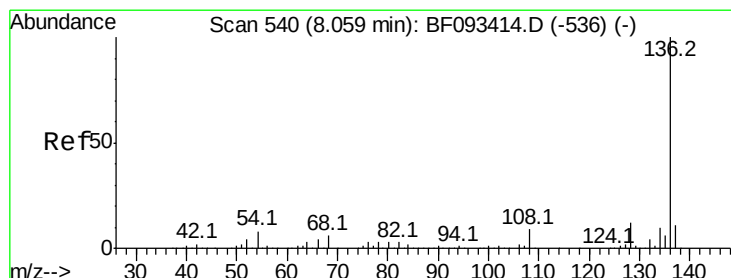
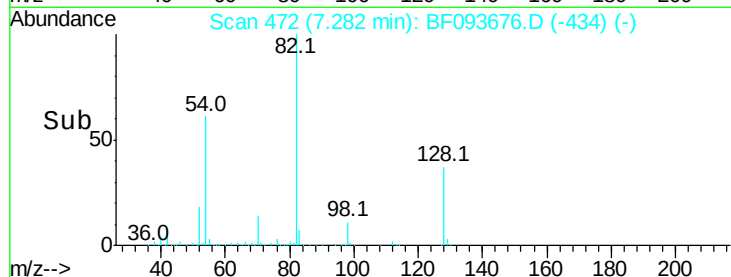
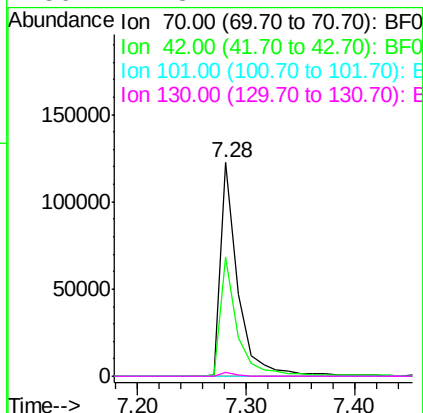
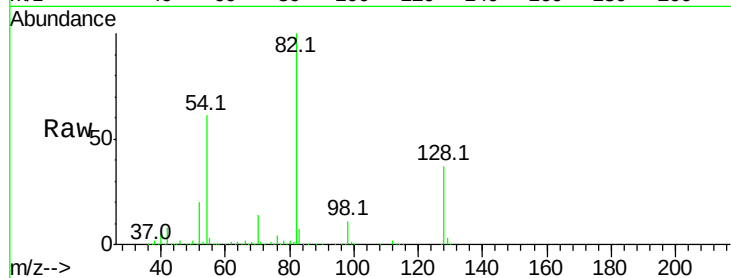




#19
n-Nitroso-di-n-propylamine
Concen: 14.62 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093676.D
Acq: 15 Mar 2017 19:03

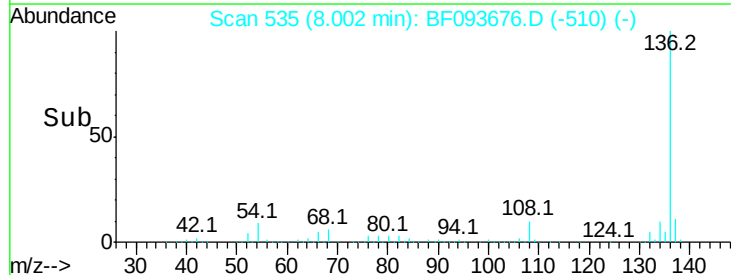
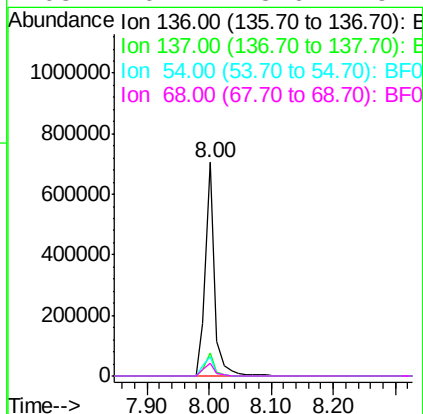
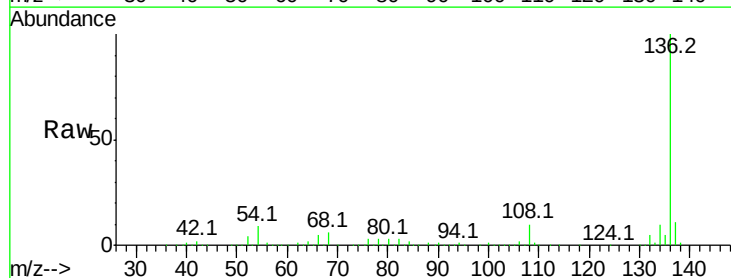
Instrument :
BNA_F
ClientSampleId :
E2-CC6-BASE

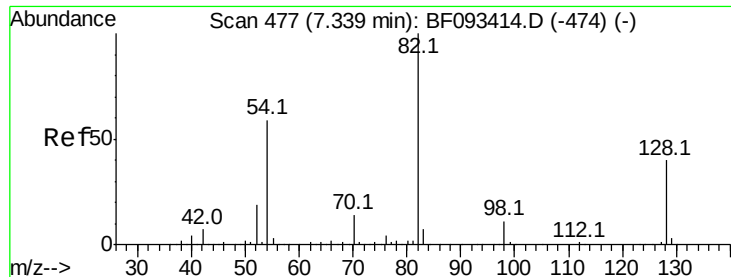
Tot Ion: 70 Resp: 137267
Ion Ratio Lower Upper
70 100
42 56.0 49.4 74.0
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093676.D
Acq: 15 Mar 2017 19:03

Tgt Ion:136 Resp: 738001
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 4.5 6.7#
68 6.2 3.6 5.4#



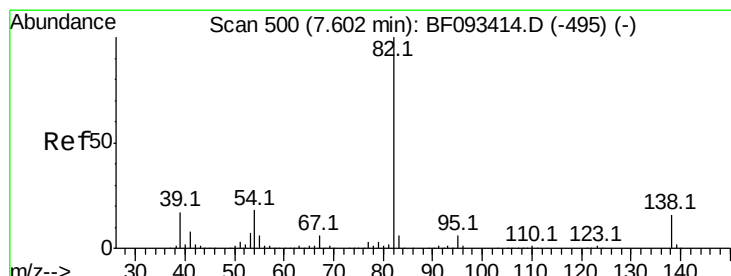
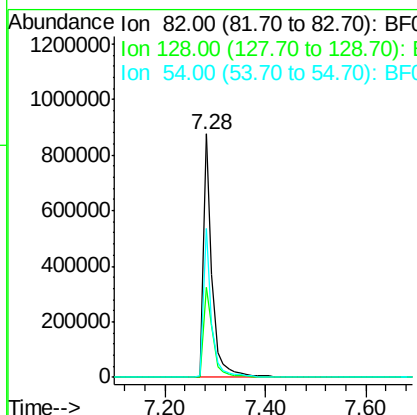
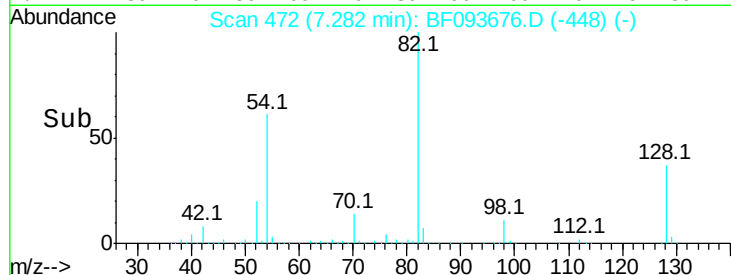
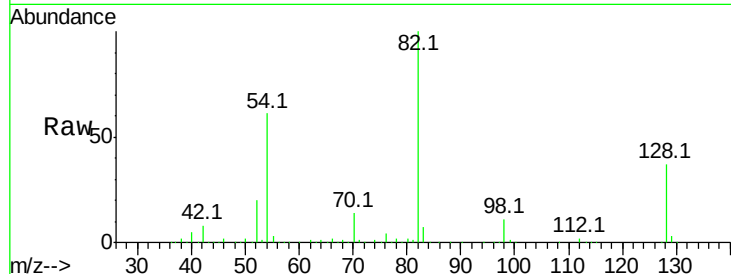


#23
 Nitrobenzene-d5
 Concen: 77.38 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093676.D
 Acq: 15 Mar 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC6-BASE

Tot Ion: 82 Resp: 1029229

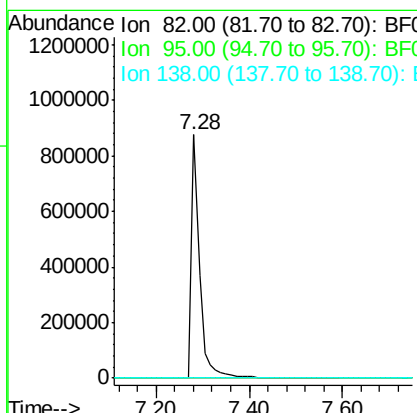
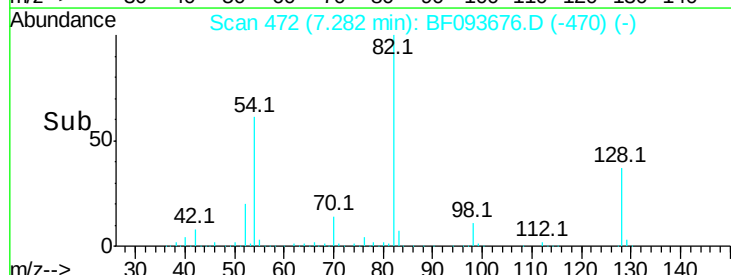
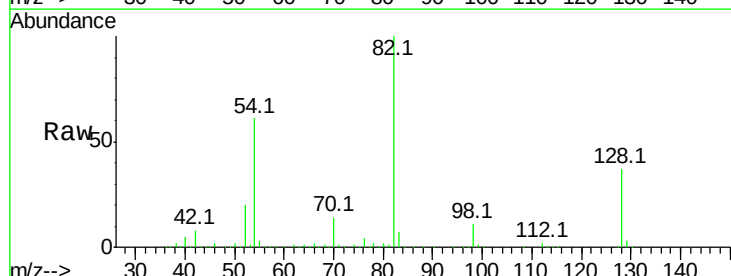
Ion	Ratio	Lower	Upper
82	100		
128	37.2	34.6	52.0
54	61.2	39.5	59.3

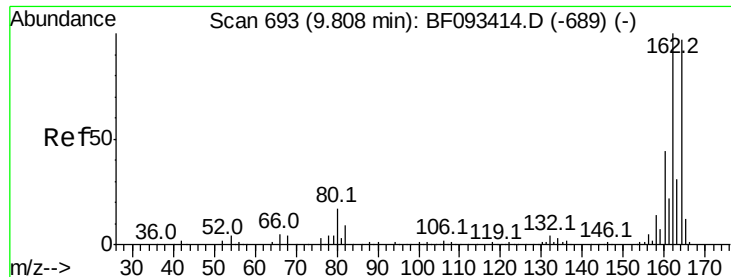


#25
 Isophorone
 Concen: 38.00 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093676.D
 Acq: 15 Mar 2017 19:03

Tgt Ion: 82 Resp: 1019289

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

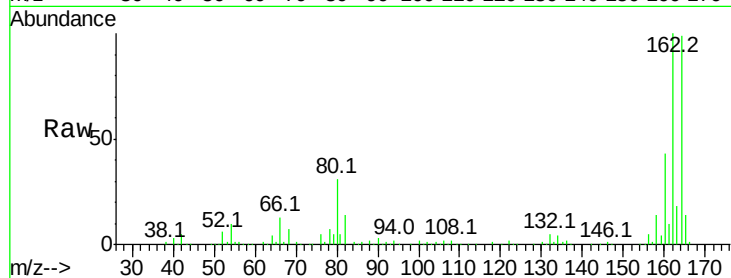




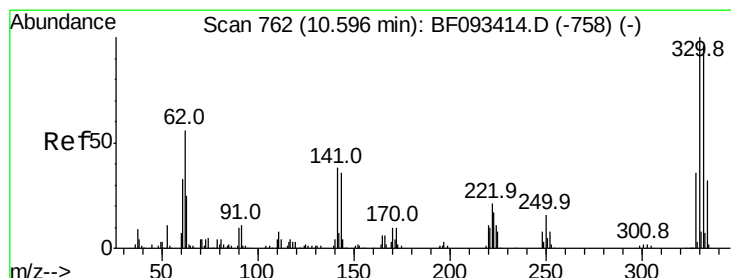
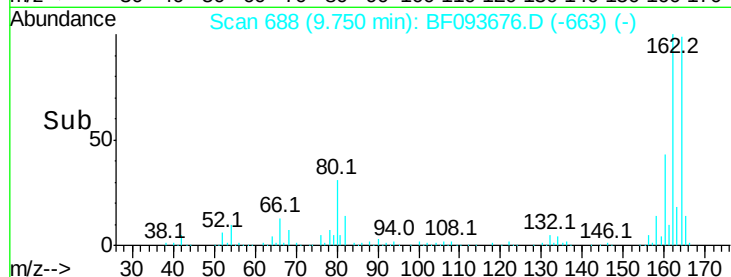
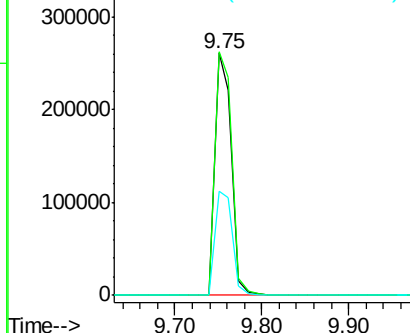
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093676.D
 Acq: 15 Mar 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC6-BASE

Tot Ion:164 Resp: 346709
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.2 120.2
 160 43.0 36.9 55.3

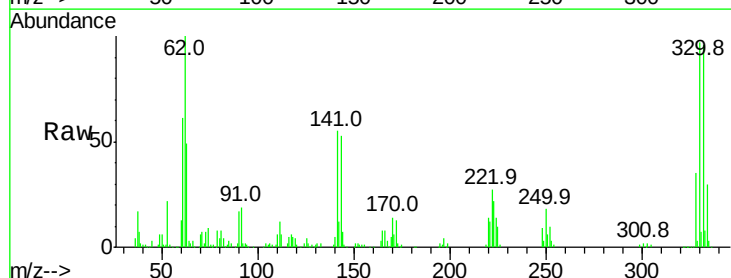


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

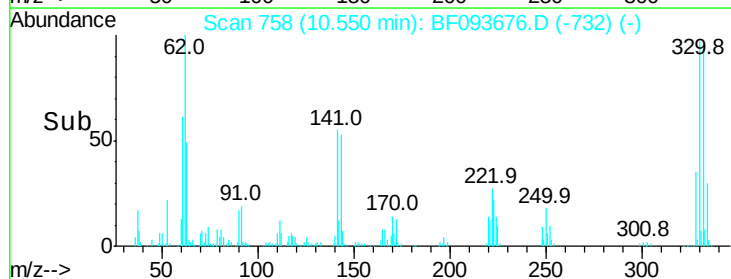
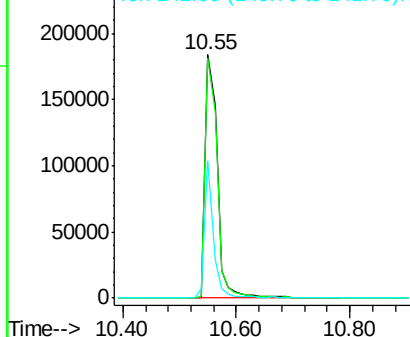


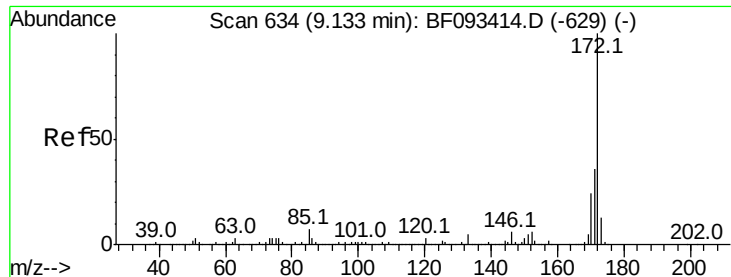
#41
 2,4,6-Tribromophenol
 Concen: 115.05 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093676.D
 Acq: 15 Mar 2017 19:03

Tgt Ion:330 Resp: 259876
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 41.3 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: 68.22 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

Instrument :

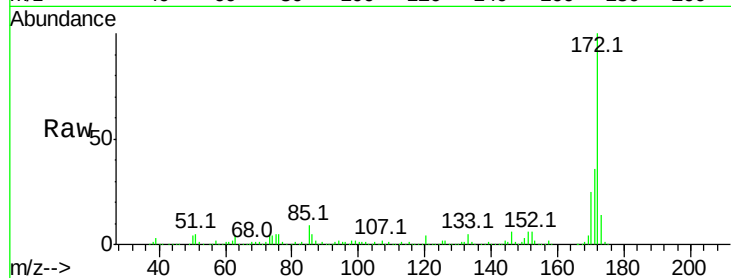
BNA_F

ClientSampleId :

E2-CC6-BASE

Tot Ion:172 Resp: 1271626

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.9	20.2	30.4

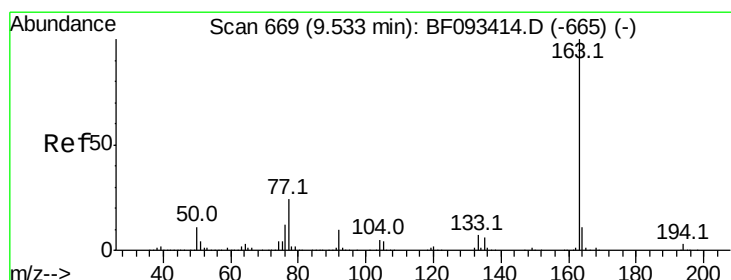
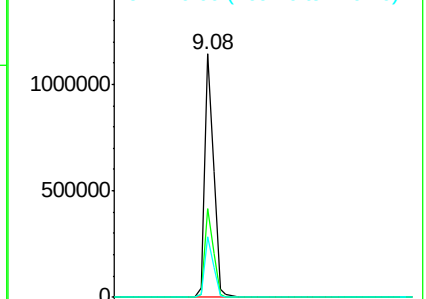
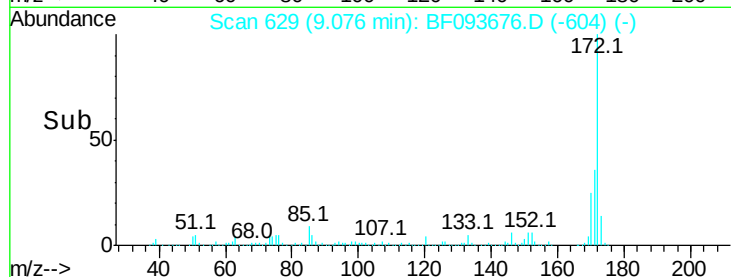


Abundance

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: 16.59 ng

RT: 9.49 min Scan# 665

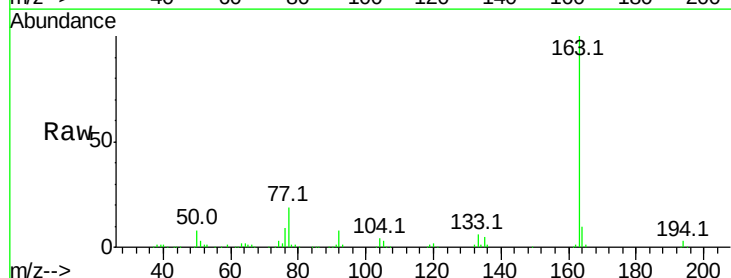
Delta R.T. -0.01 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

Tgt Ion:163 Resp: 381277

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.9	8.0	12.0

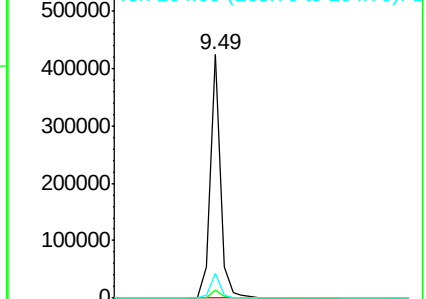
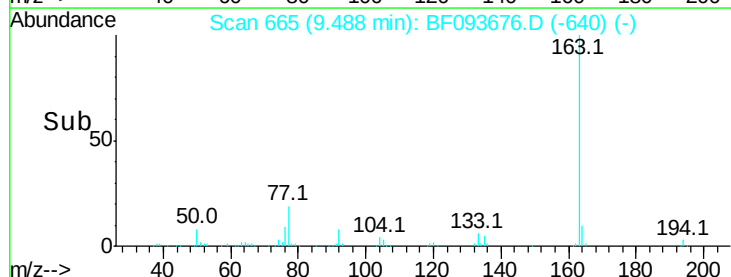


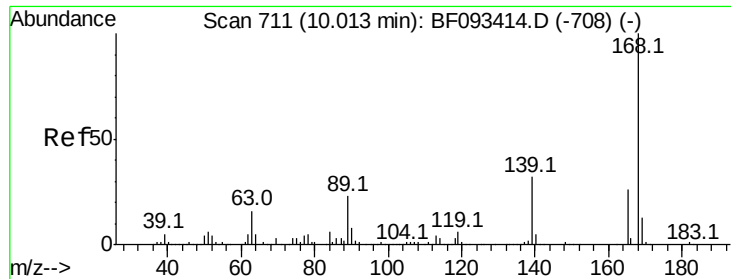
Abundance

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: 7.13 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.23 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

Instrument :

BNA_F

ClientSampleId :

E2-CC6-BASE

Tot Ion:165 Resp: 44192

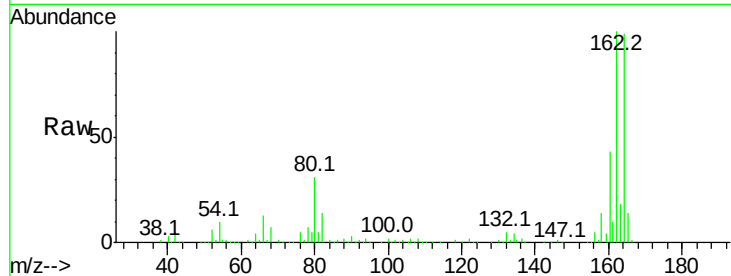
Ion Ratio Lower Upper

165 100

63 1.8 40.2 60.4#

89 1.9 62.5 93.7#

182 0.0 1.8 2.8#

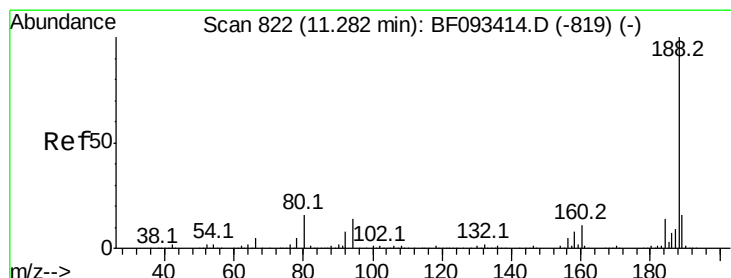
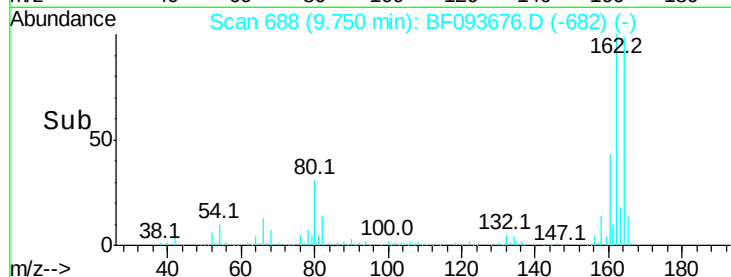
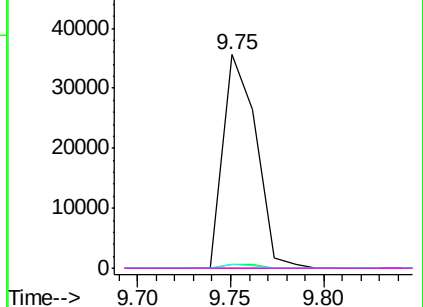


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093676.D

Acq: 15 Mar 2017 19:03

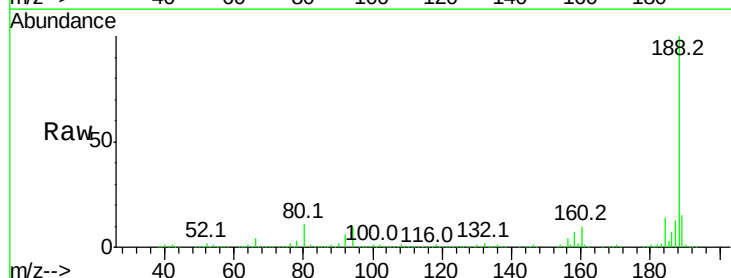
Tgt Ion:188 Resp: 621437

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

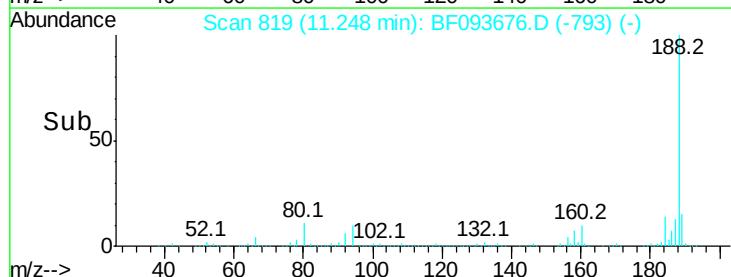
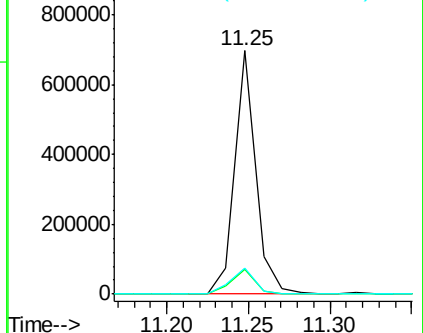
80 10.8 11.2 16.8#

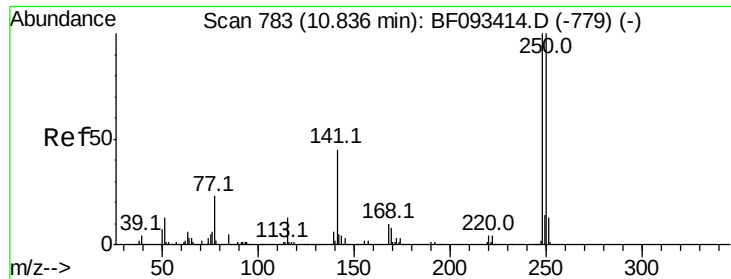


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

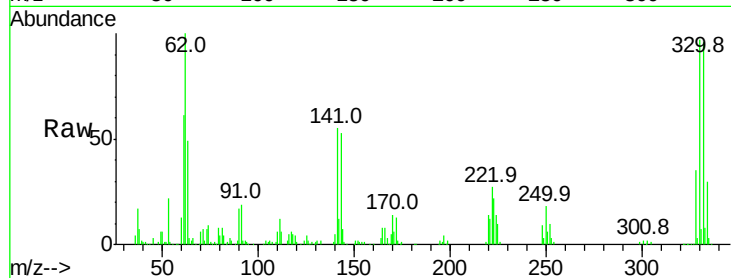




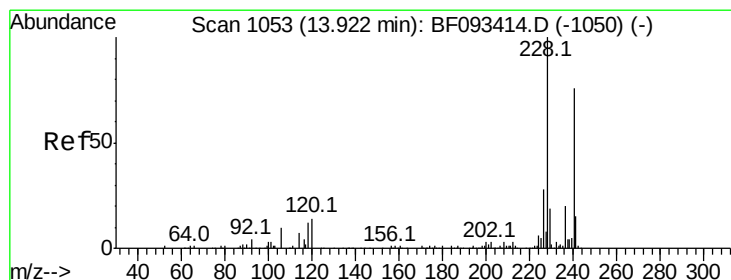
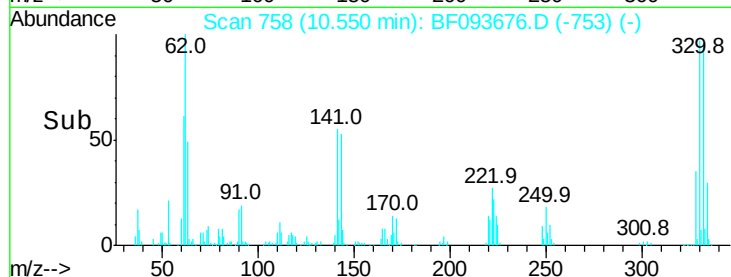
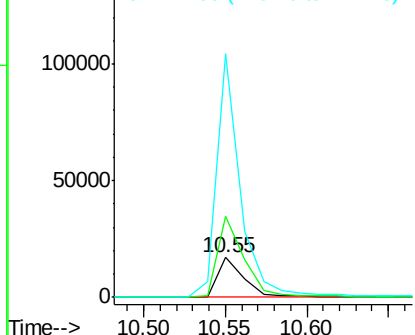
#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093676.D
Acq: 15 Mar 2017 19:03

Instrument :
BNA_F
ClientSampleId :
E2-CC6-BASE

Tot Ion:248 Resp: 18794
Ion Ratio Lower Upper
248 100
250 203.7 76.9 115.3#
141 610.9 68.2 102.4#

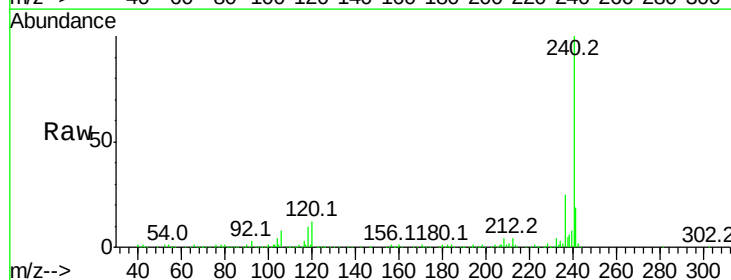


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

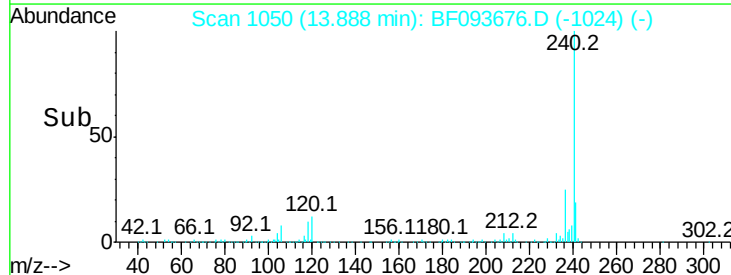
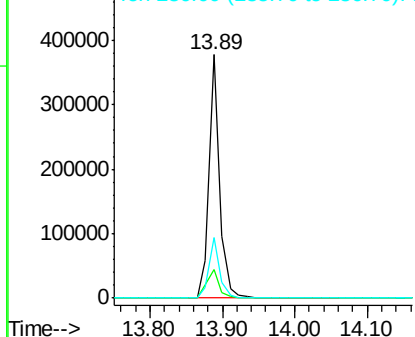


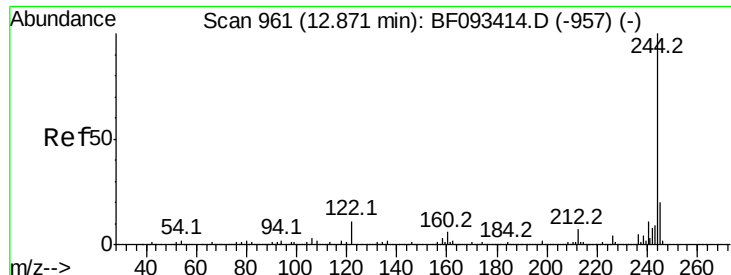
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF093676.D
Acq: 15 Mar 2017 19:03

Tgt Ion:240 Resp: 383992
Ion Ratio Lower Upper
240 100
120 11.9 12.9 19.3#
236 25.1 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



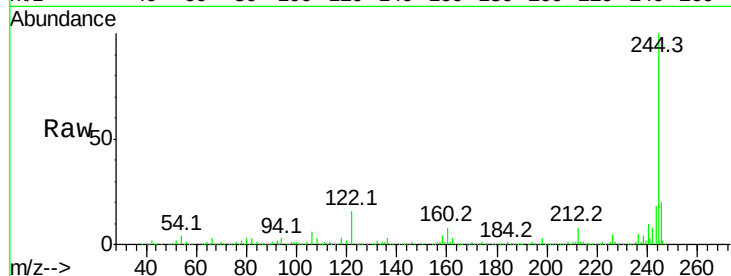


#78
 Terphenyl-d14
 Concen: 69.50 ng
 RT: 12.82 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF093676.D
 Acq: 15 Mar 2017 19:03

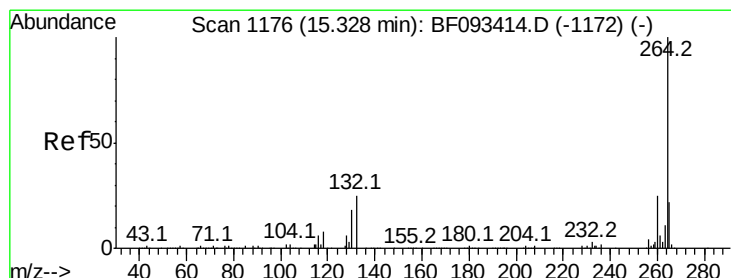
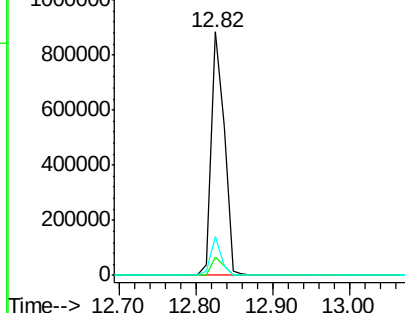
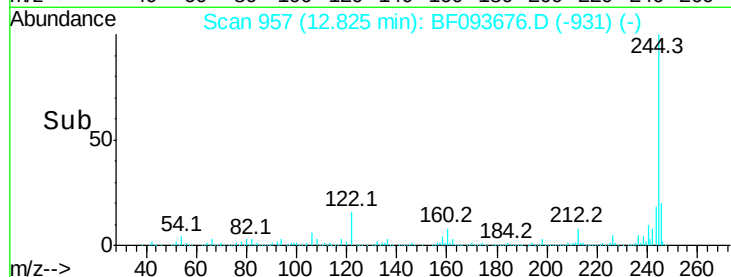
Instrument :
 BNA_F
 ClientSampleId :
 E2-CC6-BASE

Tot Ion:244 Resp: 1026396

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	15.8	11.4	17.2



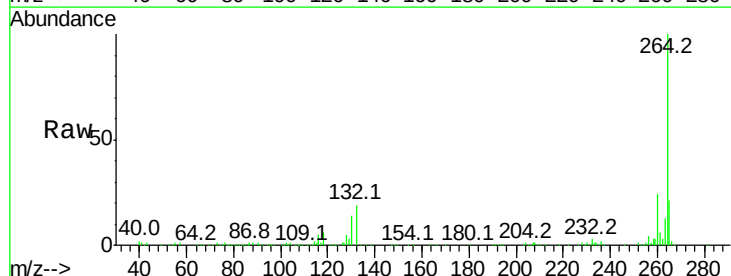
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF093676.D
 Acq: 15 Mar 2017 19:03

Tgt Ion:264 Resp: 317397

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	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

