

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093673.D
 Acq On : 15 Mar 2017 17:41
 Operator : SJ/MA
 Sample : I2264-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-DD7-BASE

Quant Time: Mar 16 01:41:54 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

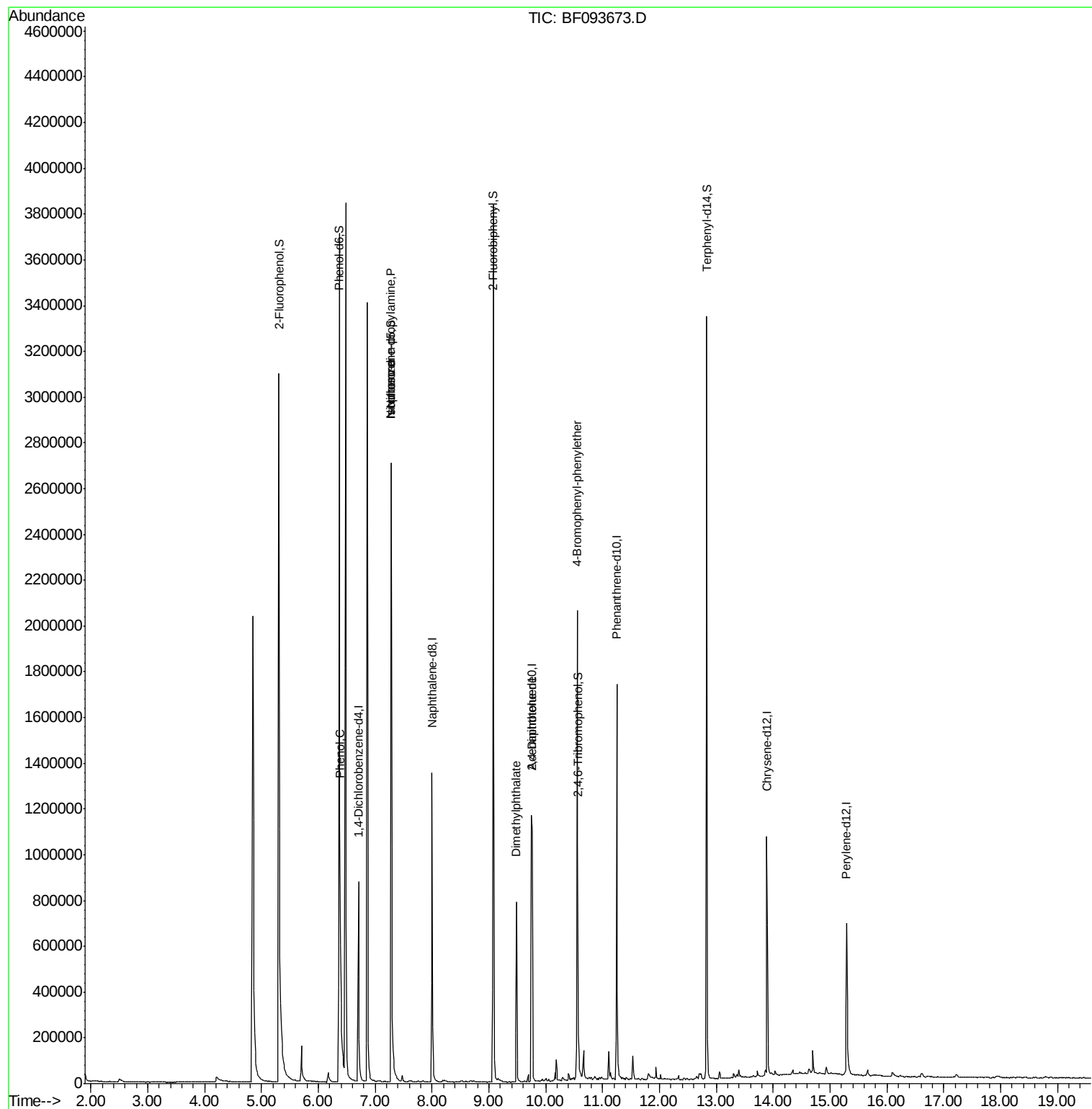
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	175317	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	717804	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	341653	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	635247	20.00	ng	0.00
75) Chrysene-d12	13.89	240	470974	20.00	ng	0.00
86) Perylene-d12	15.29	264	333329	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1202890	114.19	ng	-0.01
7) Phenol-d6	6.37	99	1571971	118.34	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1042428	80.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	265085	119.09	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1418512	77.23	ng	-0.01
78) Terphenyl-d14	12.84	244	1220332	67.37	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2842	Below Cal	#	23
10) Phenol	6.38	94	130954	8.05	ng	89
19) n-Nitroso-di-n-propylamine	7.28	70	135544	14.84	ng	# 86
25) Isophorone	7.28	82	1025147	39.30	ng	# 65
49) Dimethylphthalate	9.49	163	352903	15.58	ng	100
56) 2,4-Dinitrotoluene	9.75	165	42884	7.02	ng	# 20
66) 4-Bromophenyl-phenylether	10.55	248	19621	2.92	ng	# 1

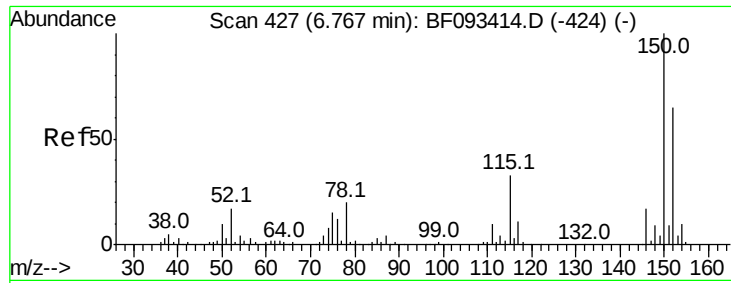
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093673.D
Acq On : 15 Mar 2017 17:41
Operator : SJ/MA
Sample : I2264-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-DD7-BASE

Quant Time: Mar 16 01:41:54 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

Instrument :

BNA_F

ClientSampleId :

E2-DD7-BASE

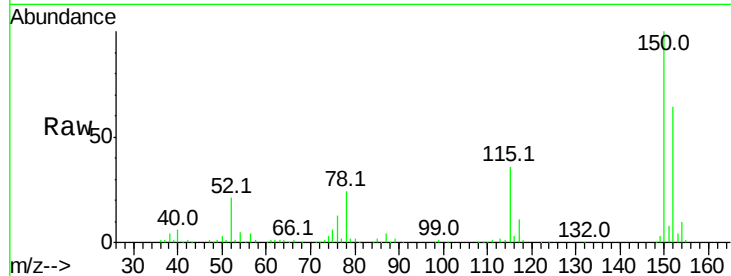
Tot Ion:152 Resp: 175317

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

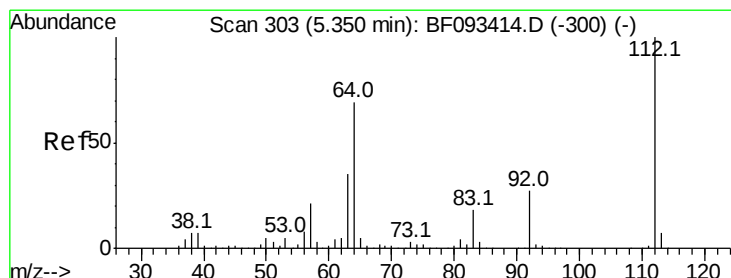
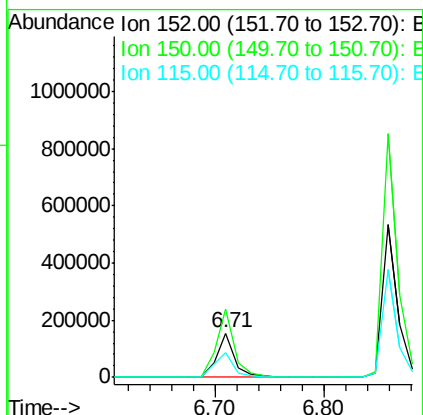
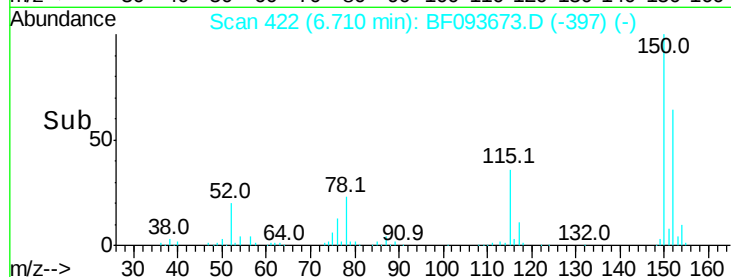
115 55.5 46.0 69.0



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: 114.19 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

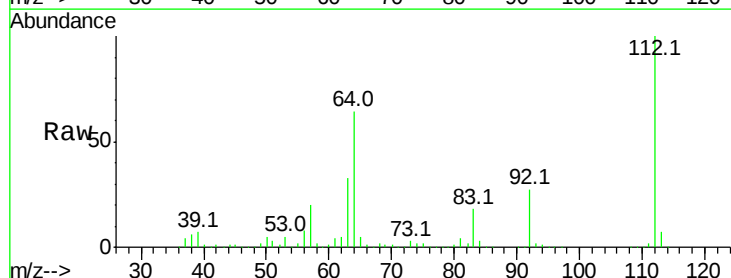
Tgt Ion:112 Resp: 1202890

Ion Ratio Lower Upper

112 100

64 63.8 46.1 69.1

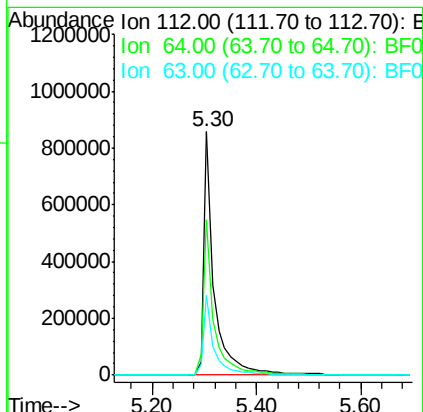
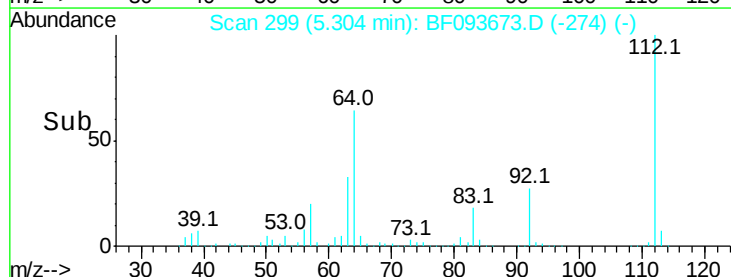
63 32.8 23.8 35.6

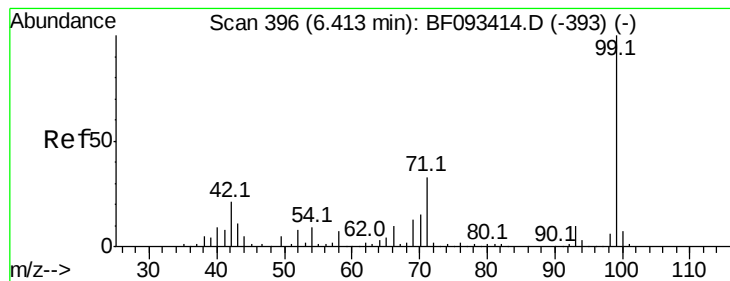


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.34 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

Instrument :

BNA_F

ClientSampleId :

E2-DD7-BASE

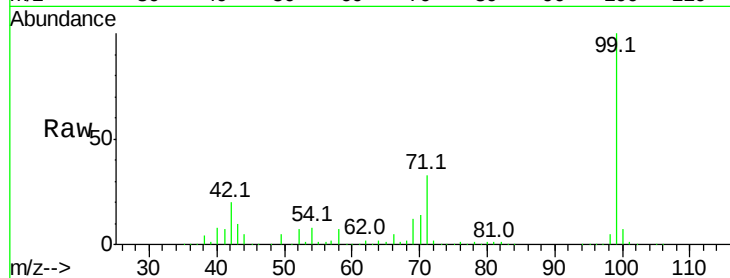
Tot Ion: 99 Resp: 1571971

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

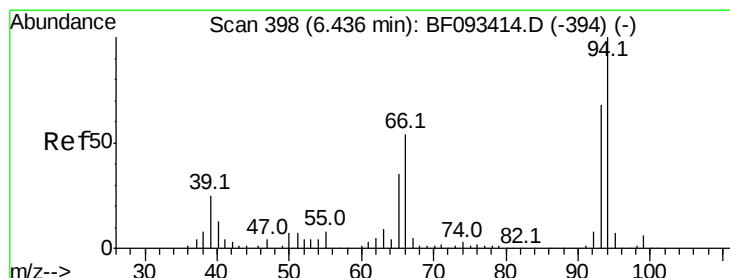
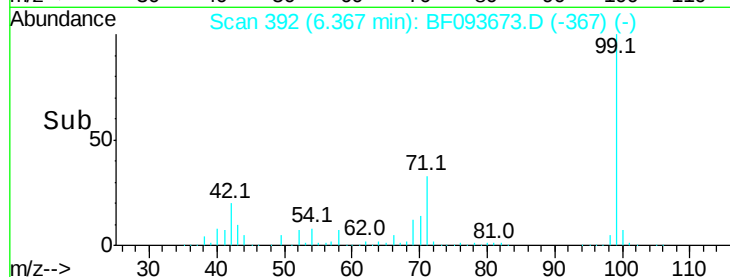
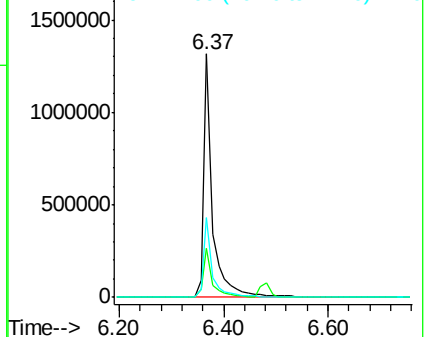
71 32.8 27.5 41.3



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: 8.05 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

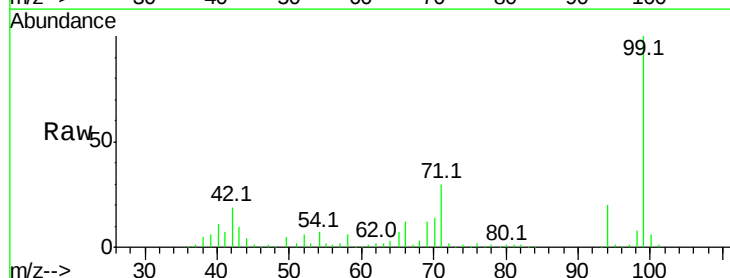
Tgt Ion: 94 Resp: 130954

Ion Ratio Lower Upper

94 100

65 32.3 21.4 61.4

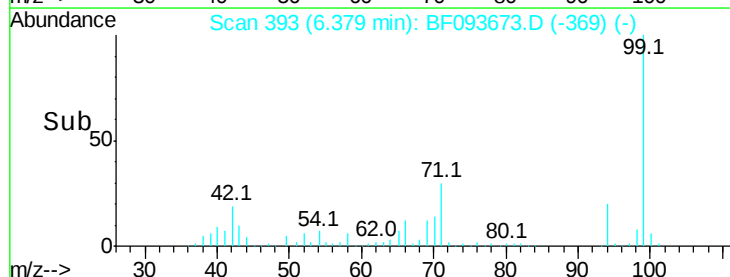
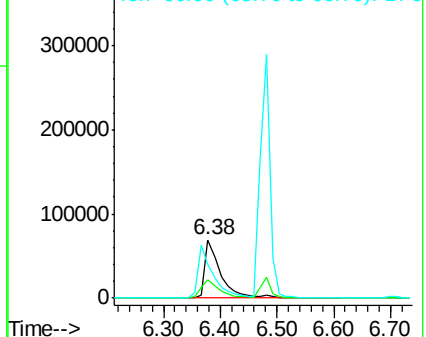
66 57.0 44.0 84.0

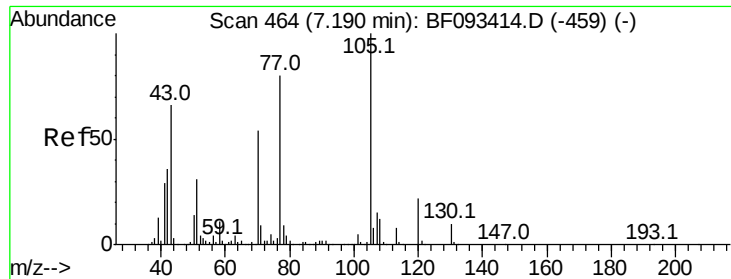


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

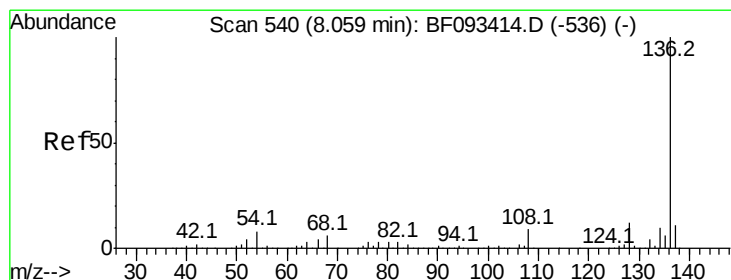
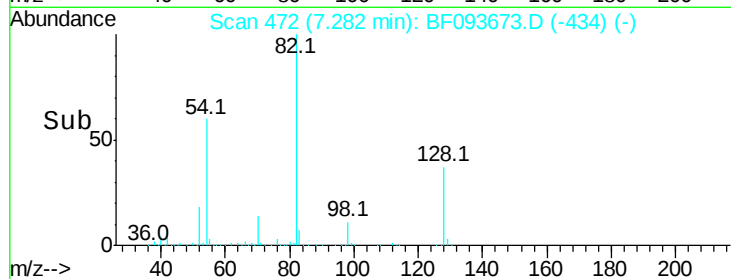
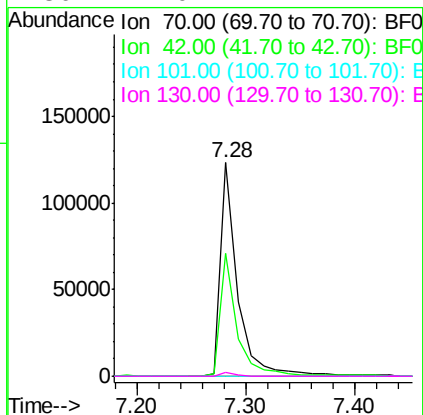
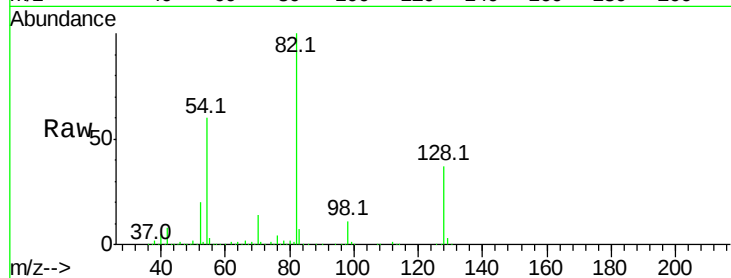




#19
n-Nitroso-di-n-propylamine
Concen: 14.84 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093673.D
Acq: 15 Mar 2017 17:41

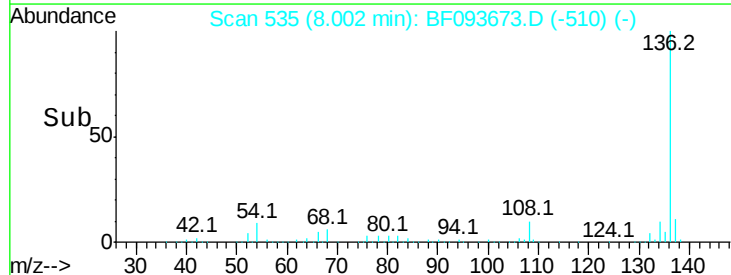
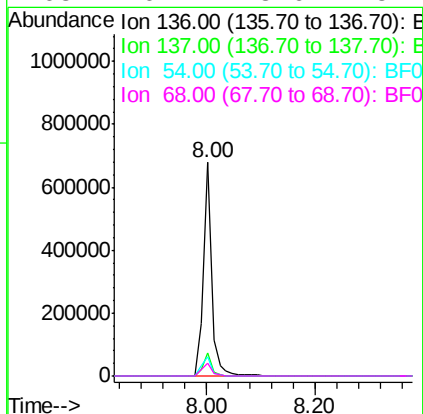
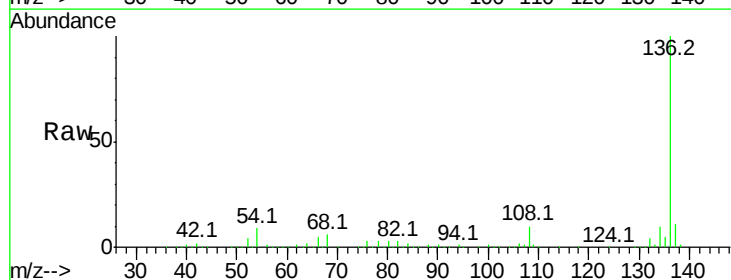
Instrument :
BNA_F
ClientSampleId :
E2-DD7-BASE

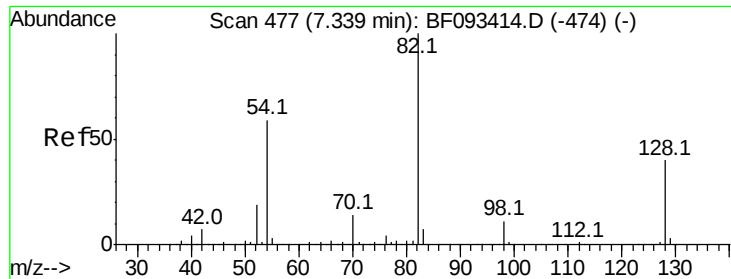
Tot Ion: 70 Resp: 135544
Ion Ratio Lower Upper
70 100
42 57.3 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093673.D
Acq: 15 Mar 2017 17:41

Tgt Ion:136 Resp: 717804
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.8 4.5 6.7#
68 6.2 3.6 5.4#

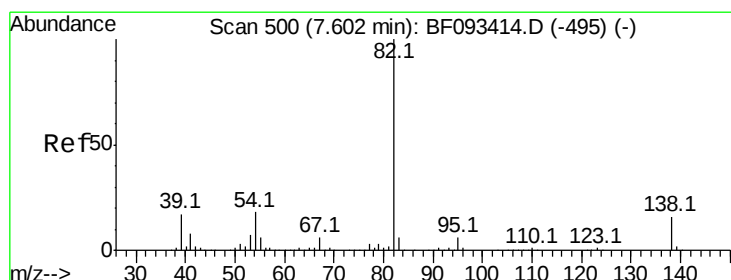
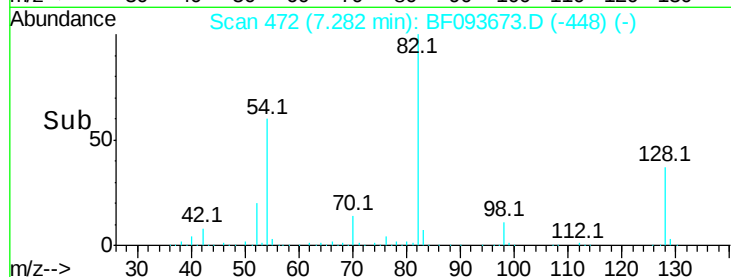
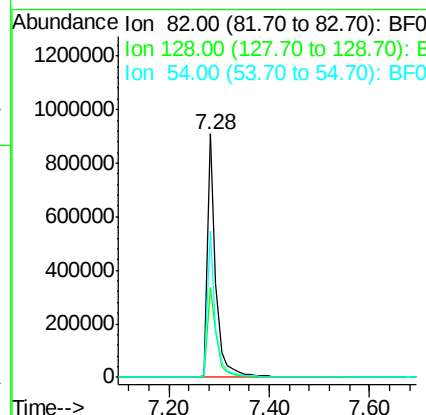
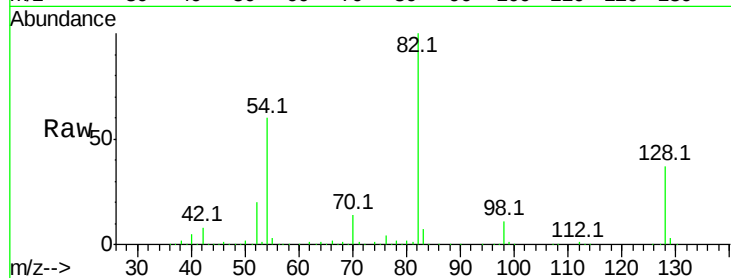




#23
 Nitrobenzene-d5
 Concen: 80.58 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093673.D
 Acq: 15 Mar 2017 17:41

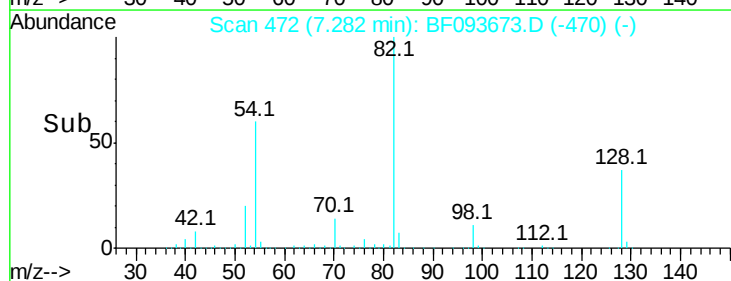
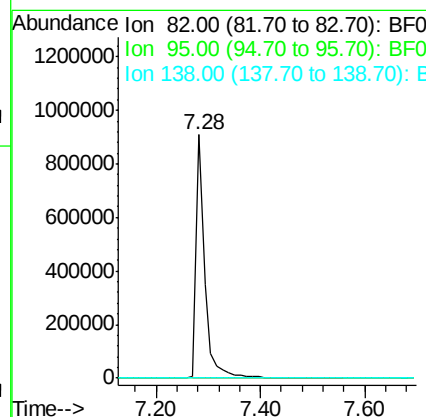
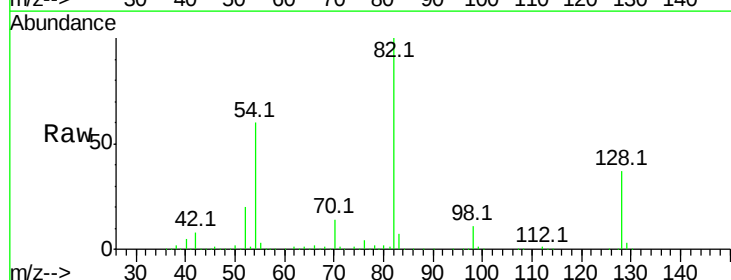
Instrument :
 BNA_F
 ClientSampleId :
 E2-DD7-BASE

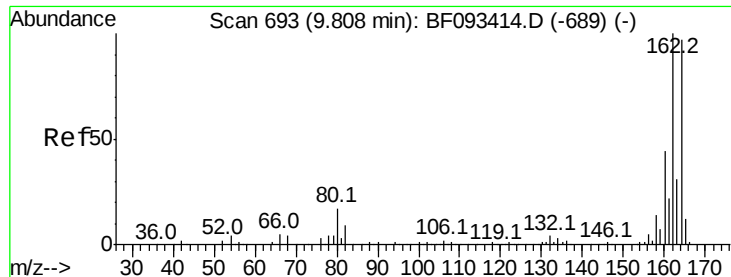
Tot Ion: 82 Resp: 1042428
 Ion Ratio Lower Upper
 82 100
 128 37.0 34.6 52.0
 54 60.3 39.5 59.3#



#25
 Isophorone
 Concen: 39.30 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093673.D
 Acq: 15 Mar 2017 17:41

Tgt Ion: 82 Resp: 1025147
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

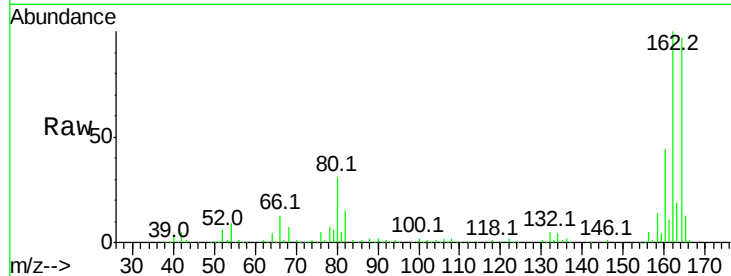




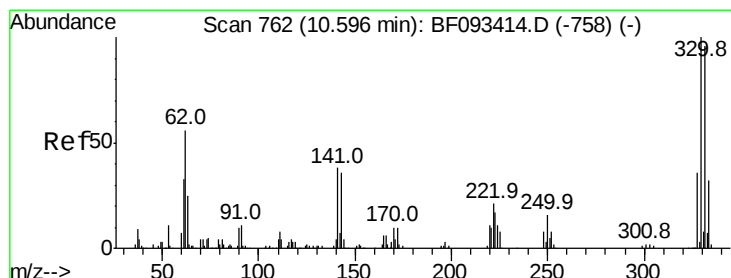
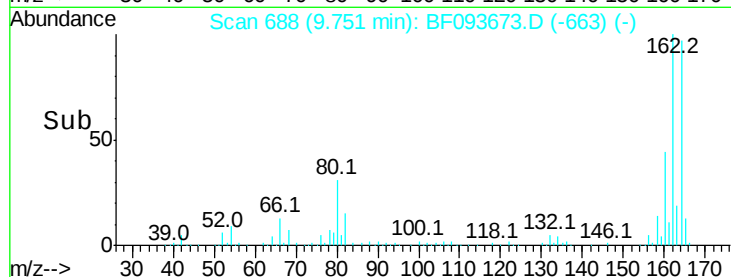
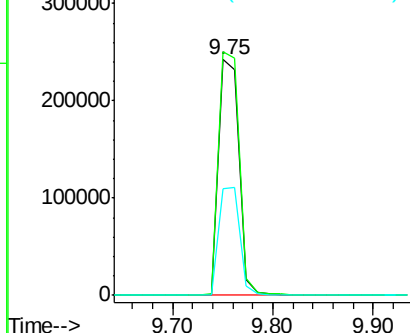
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093673.D
Acq: 15 Mar 2017 17:41

Instrument :
BNA_F
ClientSampleId :
E2-DD7-BASE

Tot Ion:164 Resp: 341653
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.2
160 45.5 36.9 55.3

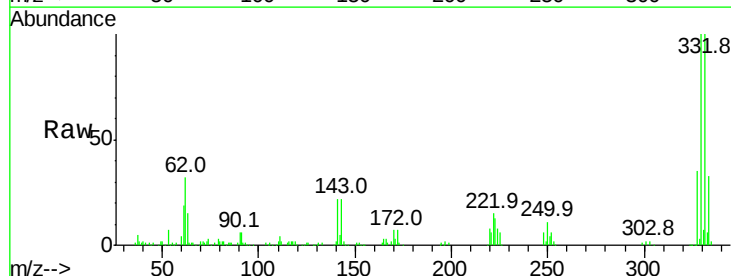


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

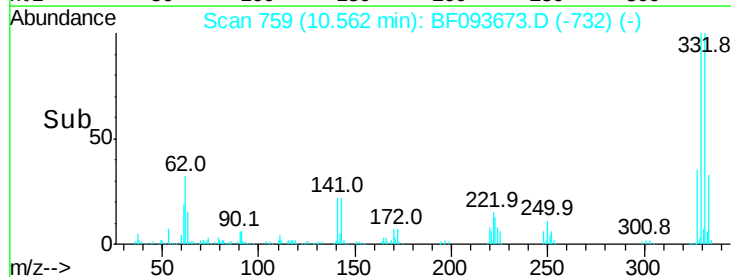
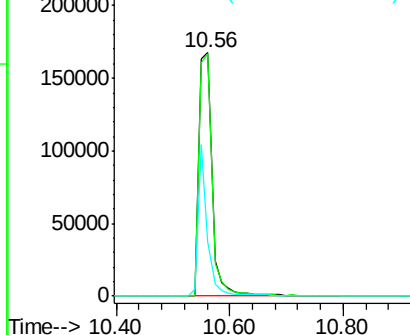


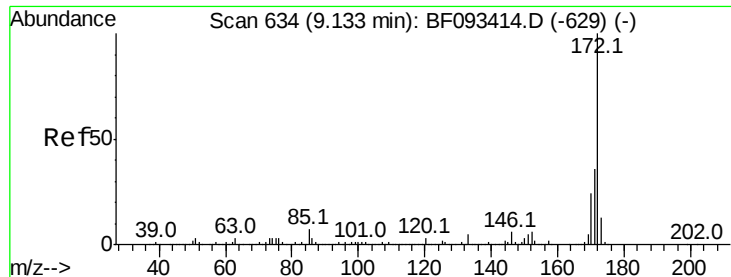
#41
2,4,6-Tribromophenol
Concen: 119.09 ng
RT: 10.56 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF093673.D
Acq: 15 Mar 2017 17:41

Tgt Ion:330 Resp: 265085
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.2
141 43.1 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: 77.23 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

Instrument :

BNA_F

ClientSampleId :

E2-DD7-BASE

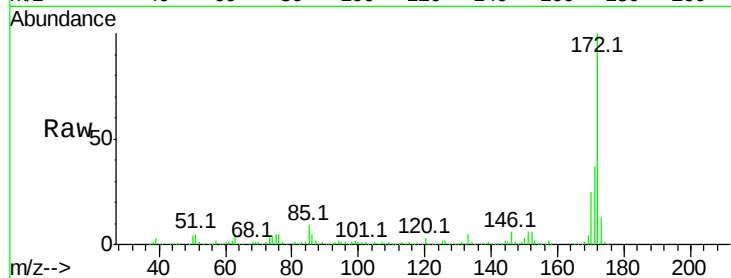
Tot Ion:172 Resp: 1418512

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

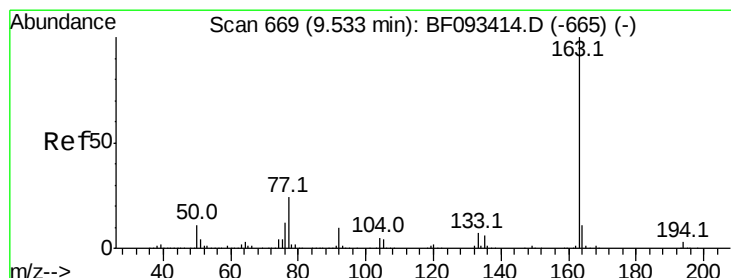
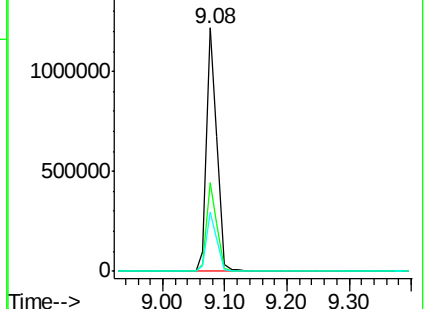
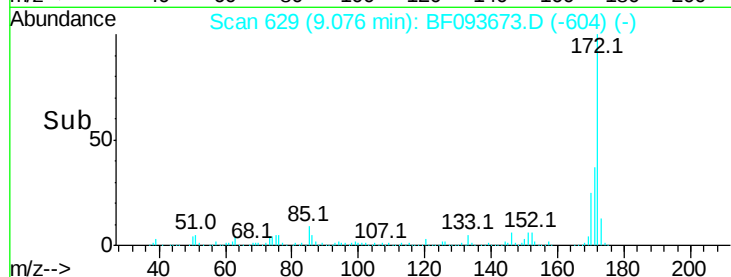
170 24.6 20.2 30.4



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: 15.58 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

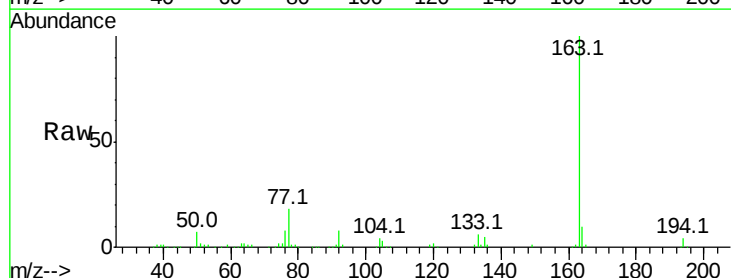
Tgt Ion:163 Resp: 352903

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

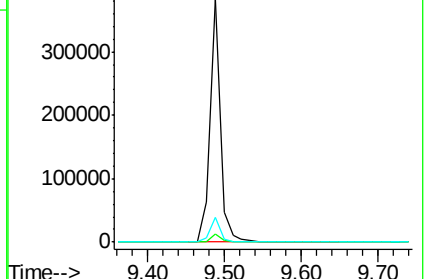
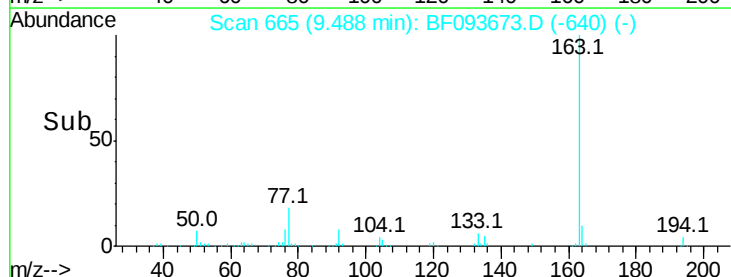
164 9.9 8.0 12.0

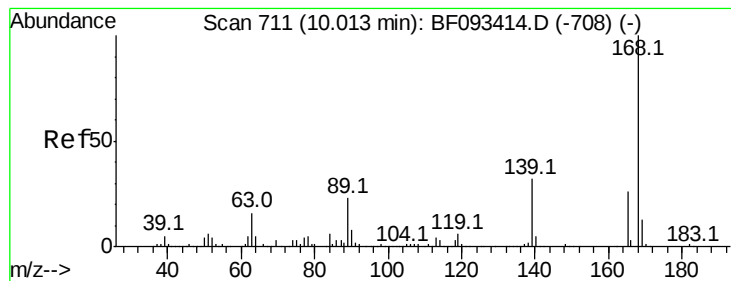


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

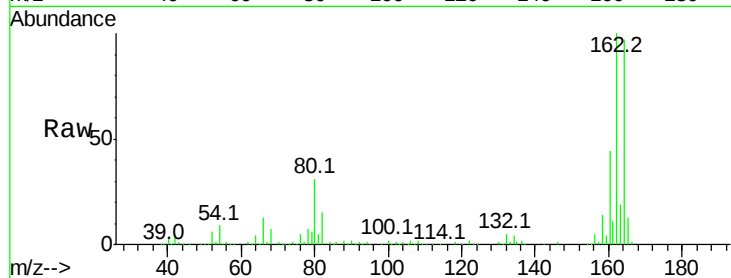




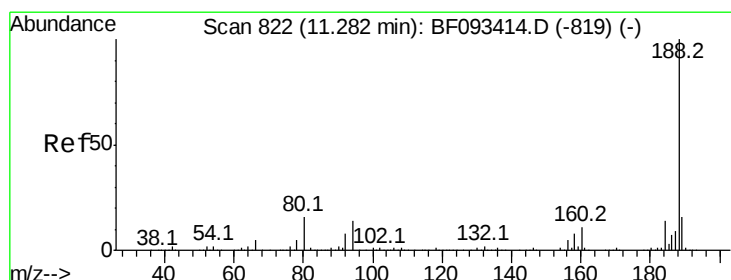
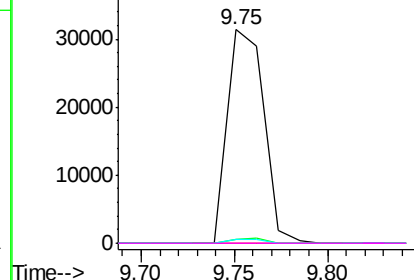
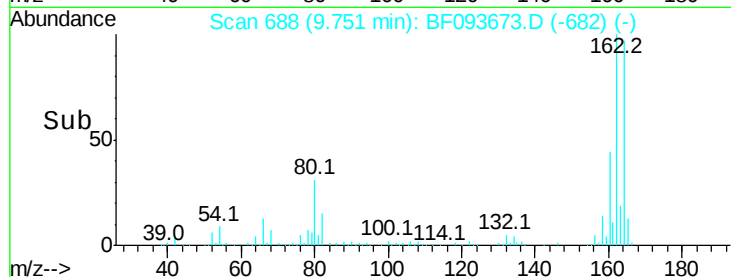
#56
 2,4-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.23 min
 Lab File: BF093673.D
 Acq: 15 Mar 2017 17:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-DD7-BASE

Tot Ion:165 Resp: 42884
 Ion Ratio Lower Upper
 165 100
 63 1.6 40.2 60.4#
 89 1.7 62.5 93.7#
 182 0.0 1.8 2.8#

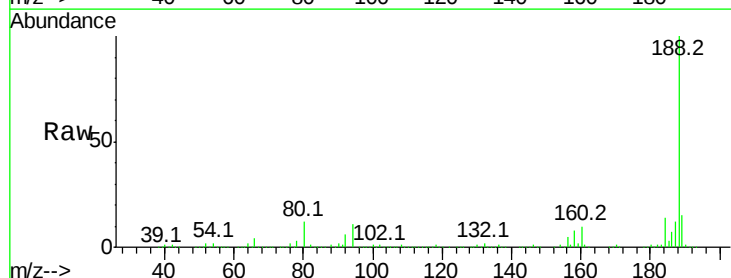


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

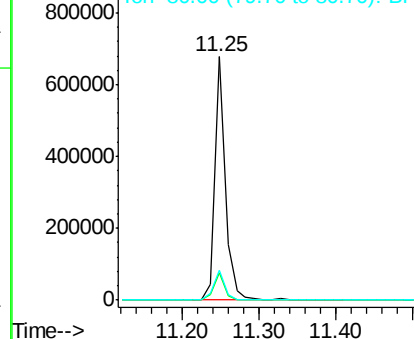
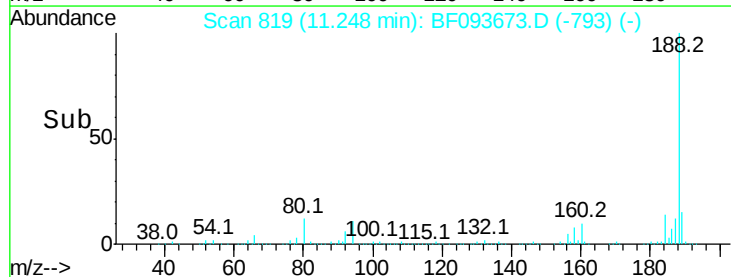


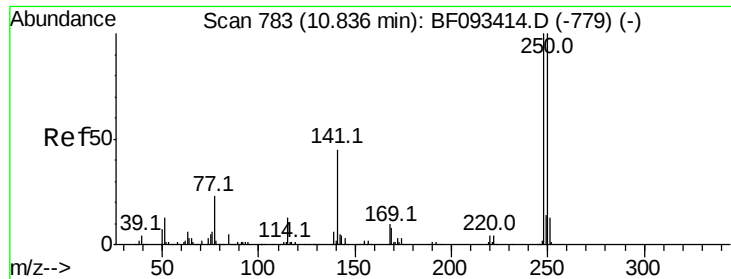
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF093673.D
 Acq: 15 Mar 2017 17:41

Tgt Ion:188 Resp: 635247
 Ion Ratio Lower Upper
 188 100
 94 11.5 10.0 15.0
 80 12.4 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

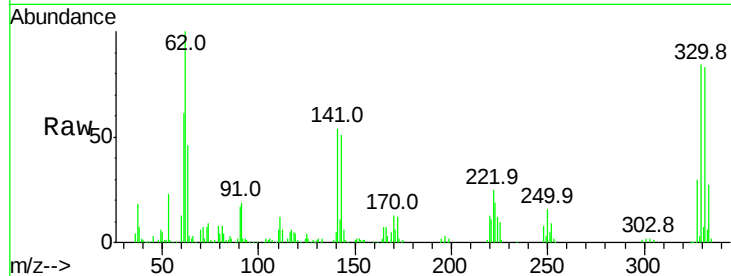




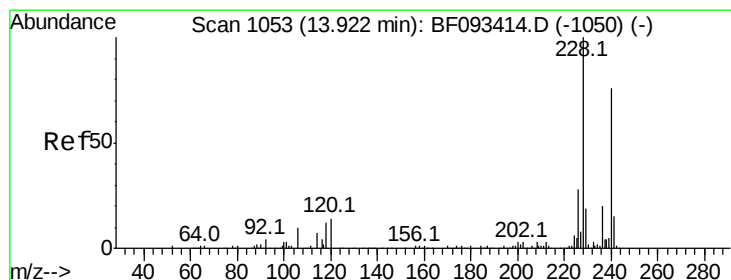
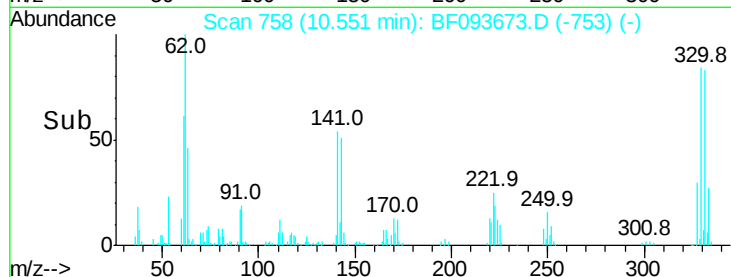
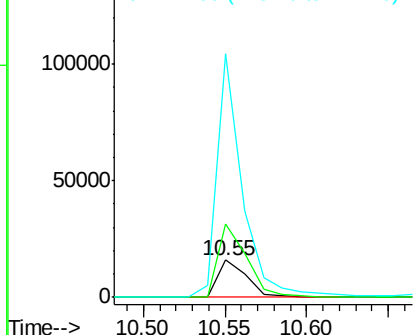
#66
 4-Bromophenyl-phenylether
 Concen: 2.92 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.24 min
 Lab File: BF093673.D
 Acq: 15 Mar 2017 17:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-DD7-BASE

Tot Ion:248 Resp: 19621
 Ion Ratio Lower Upper
 248 100
 250 196.7 76.9 115.3#
 141 654.3 68.2 102.4#

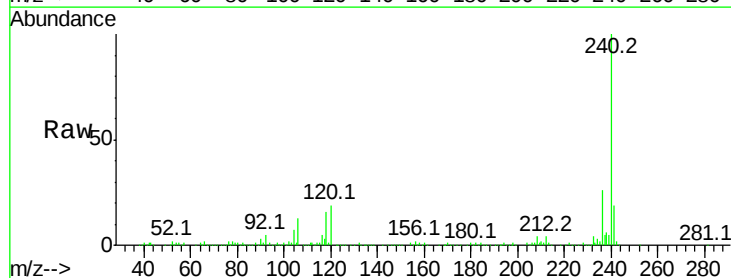


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

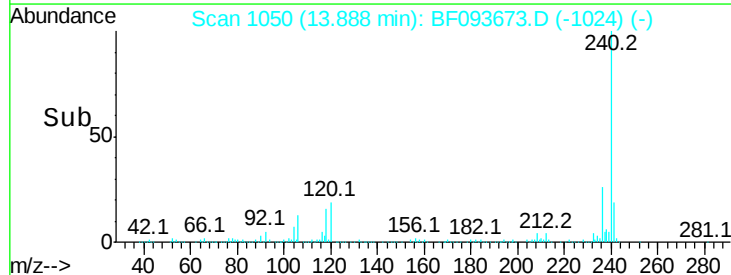
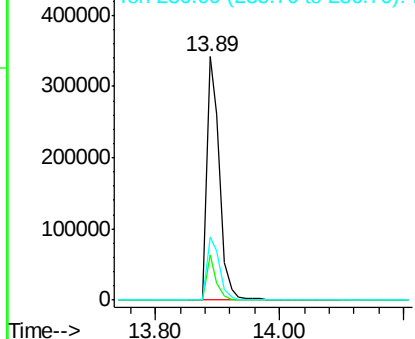


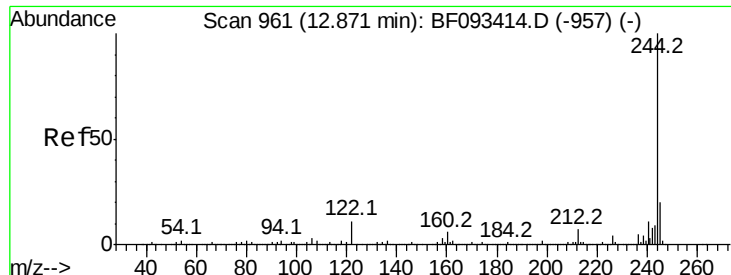
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF093673.D
 Acq: 15 Mar 2017 17:41

Tgt Ion:240 Resp: 470974
 Ion Ratio Lower Upper
 240 100
 120 18.7 12.9 19.3
 236 25.9 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: 67.37 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093673.D

Acq: 15 Mar 2017 17:41

Instrument :

BNA_F

ClientSampleId :

E2-DD7-BASE

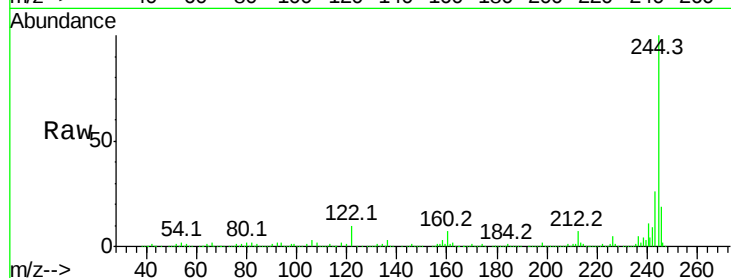
Tot Ion:244 Resp: 1220332

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

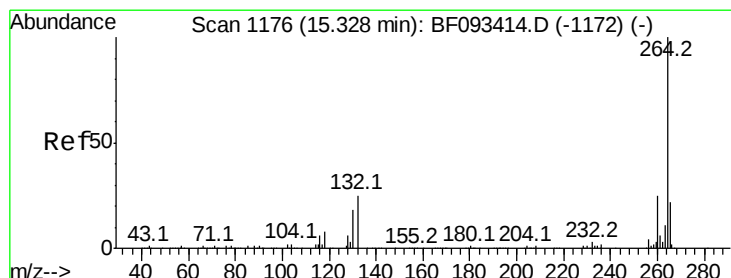
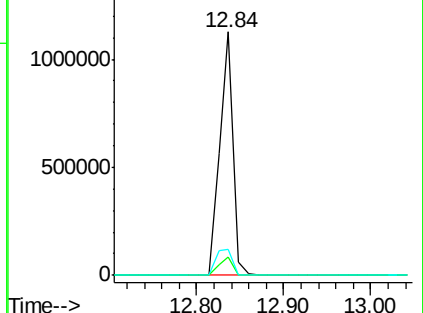
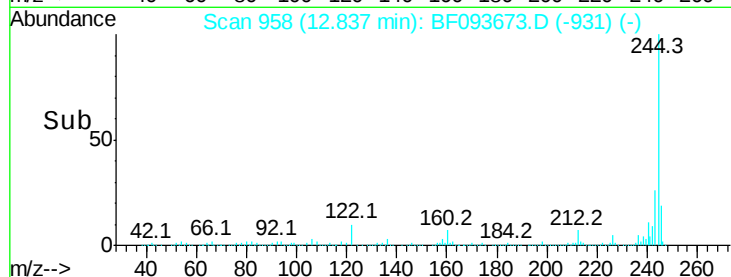
122 10.5 11.4 17.2#



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: BF093673.D

Acq: 15 Mar 2017 17:41

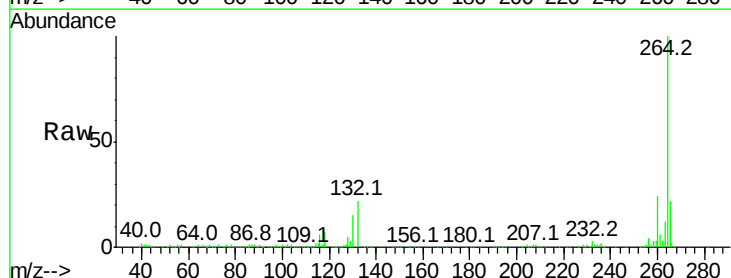
Tgt Ion:264 Resp: 333329

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.6 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

