

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093697.D
 Acq On : 16 Mar 2017 7:24
 Operator : SJ/MA
 Sample : I2162-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031117-DSDC-F-D-M

Quant Time: Mar 16 07:56:46 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

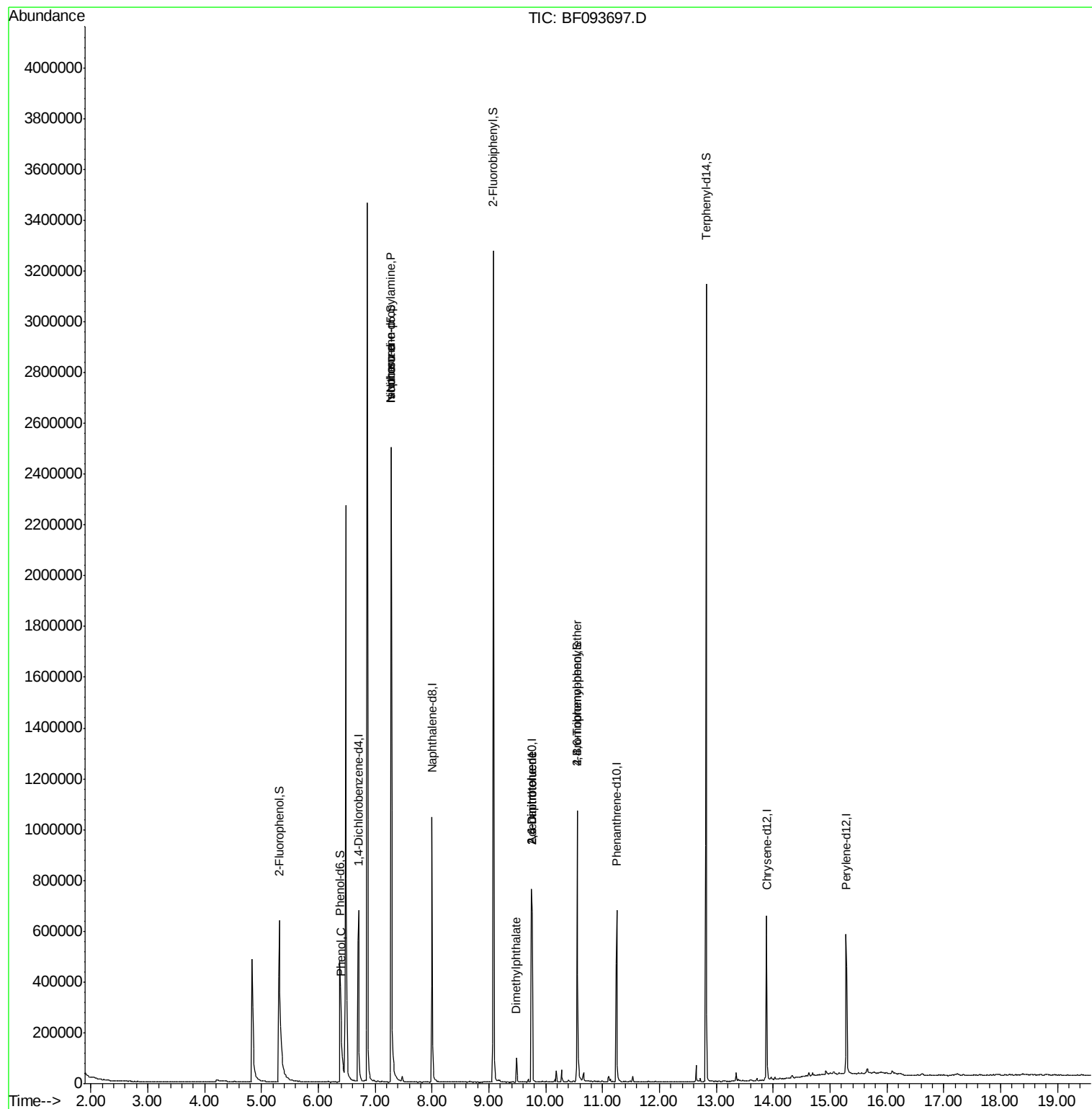
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	149446	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	545508	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	214275	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	334093	20.00	ng	0.00
75) Chrysene-d12	13.89	240	324412	20.00	ng	0.00
86) Perylene-d12	15.28	264	272255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	398574	44.39	ng	0.00
7) Phenol-d6	6.38	99	344047	30.38	ng	0.00
23) Nitrobenzene-d5	7.28	82	971114	98.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	118537	84.91	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1402548	121.75	ng	-0.01
78) Terphenyl-d14	12.82	244	937215	75.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	779	Below Cal	#	1
10) Phenol	6.40	94	36830	2.65	ng	88
19) n-Nitroso-di-n-propylamine	7.28	70	128112	16.46	ng	# 86
25) Isophorone	7.28	82	952943	48.06	ng	# 65
49) Dimethylphthalate	9.49	163	42800	3.01	ng	99
50) 2,6-Dinitrotoluene	9.75	165	27542	8.84	ng	# 32
56) 2,4-Dinitrotoluene	9.75	165	27543	7.19	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	9642	2.73	ng	# 1

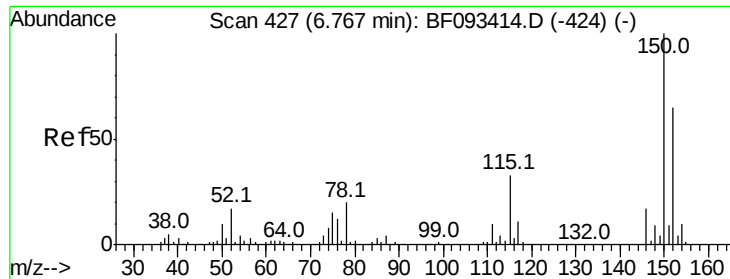
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093697.D
Acq On : 16 Mar 2017 7:24
Operator : SJ/MA
Sample : I2162-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
031117-DSDC-F-D-M

Quant Time: Mar 16 07:56:46 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



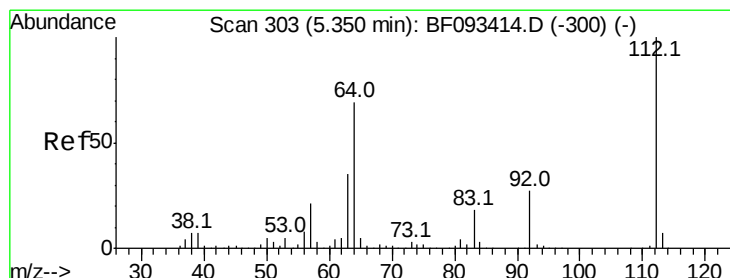
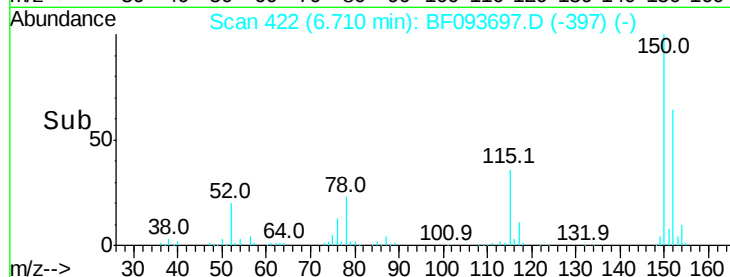
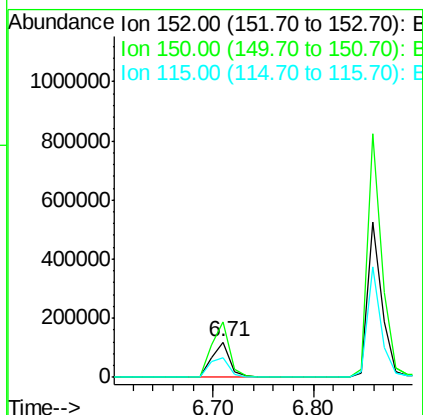
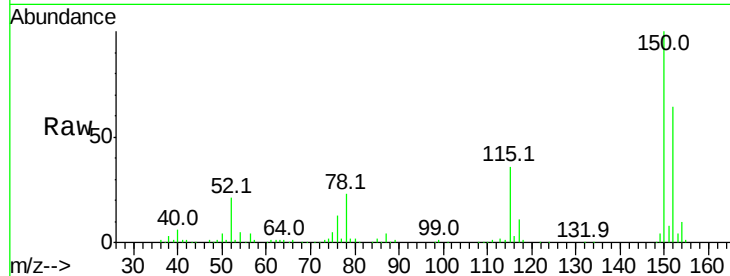


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093697.D
 Acq: 16 Mar 2017 7:24

Instrument :
 BNA_F
 ClientSampleId :
 031117-DSDC-F-D-M

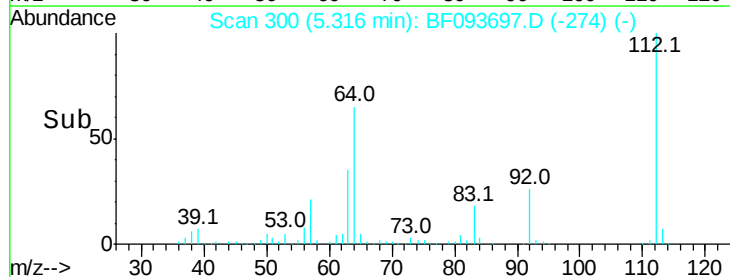
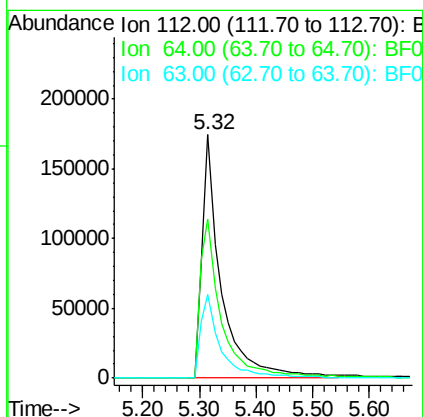
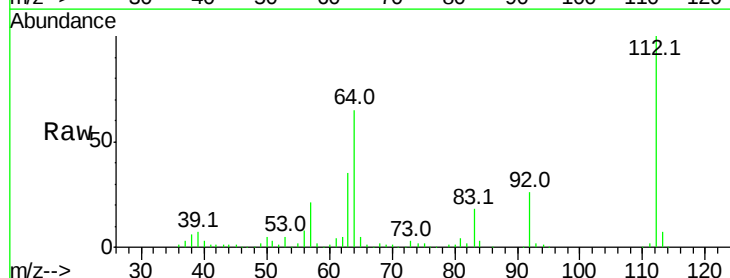
Tot Ion:152 Resp: 149446
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.9 187.3
 115 55.6 46.0 69.0

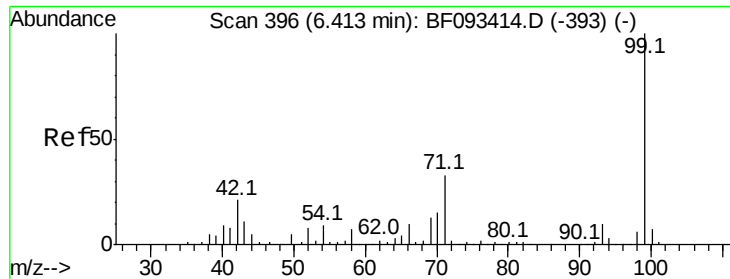


#5

2-Fluorophenol
 Concen: 44.39 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093697.D
 Acq: 16 Mar 2017 7:24

Tgt Ion:112 Resp: 398574
 Ion Ratio Lower Upper
 112 100
 64 65.2 46.1 69.1
 63 34.6 23.8 35.6





#7

Phenol-d6

Concen: 30.38 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

Instrument :

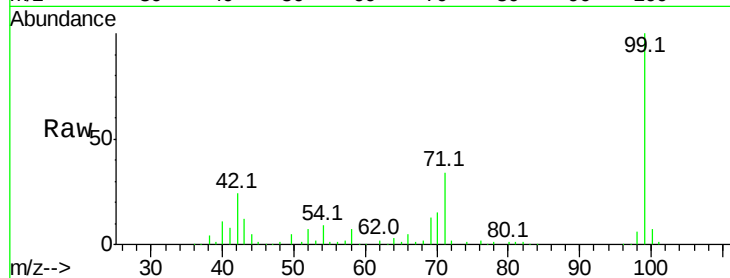
BNA_F

ClientSampleId :

031117-DSDC-F-D-M

Tot Ion: 99 Resp: 344047

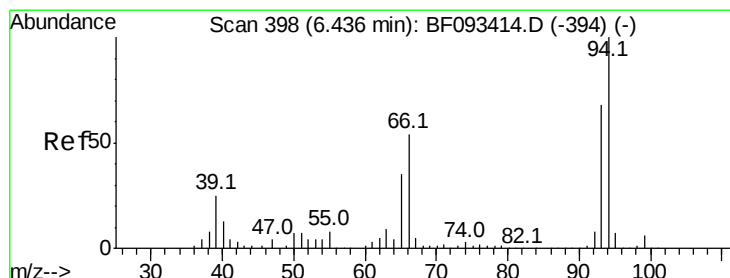
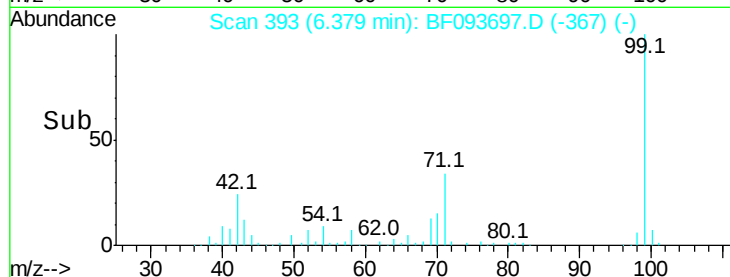
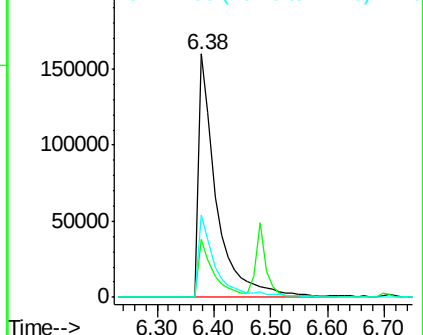
Ion	Ratio	Lower	Upper
99	100		
42	23.6	15.6	23.4#
71	33.7	27.5	41.3



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: 2.65 ng

RT: 6.40 min Scan# 395

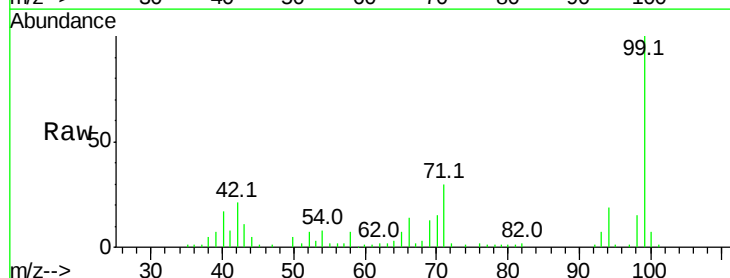
Delta R.T. -0.00 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

Tgt Ion: 94 Resp: 36830

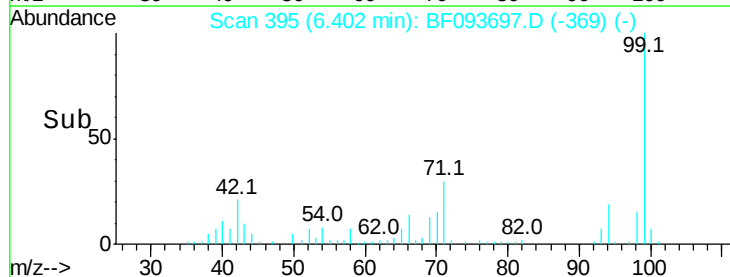
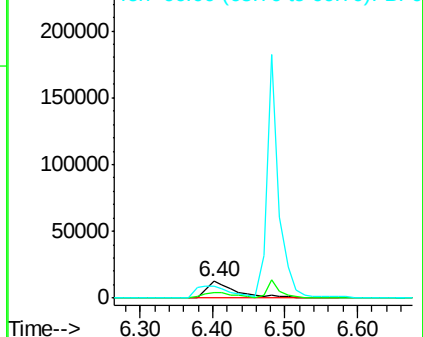
Ion	Ratio	Lower	Upper
94	100		
65	36.6	21.4	61.4
66	75.3	44.0	84.0

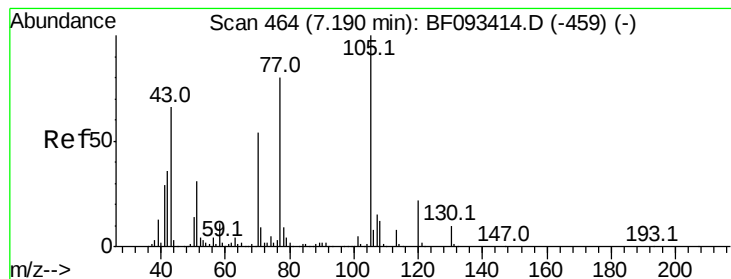


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 16.46 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

Instrument :

BNA_F

ClientSampleId :

031117-DSDC-F-D-M

Tot Ion: 70 Resp: 128112

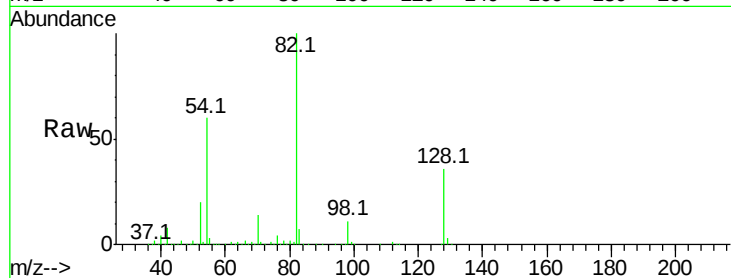
Ion Ratio Lower Upper

70 100

42 57.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

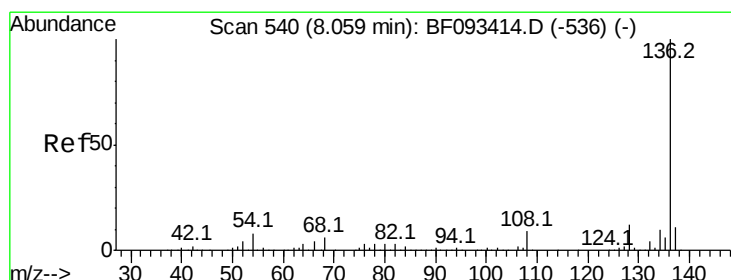
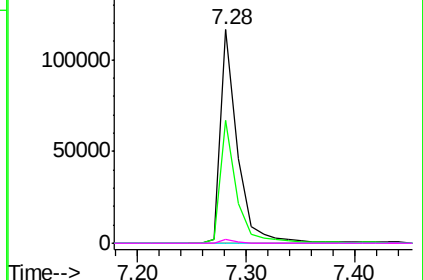
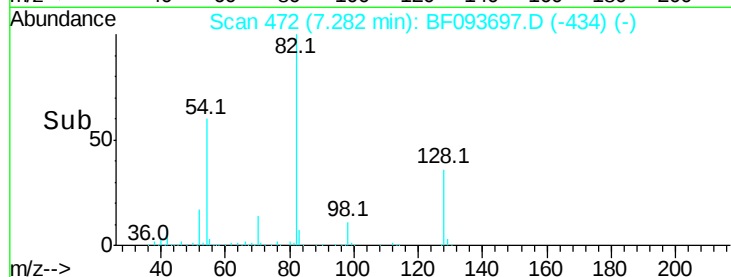


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

Tgt Ion:136 Resp: 545508

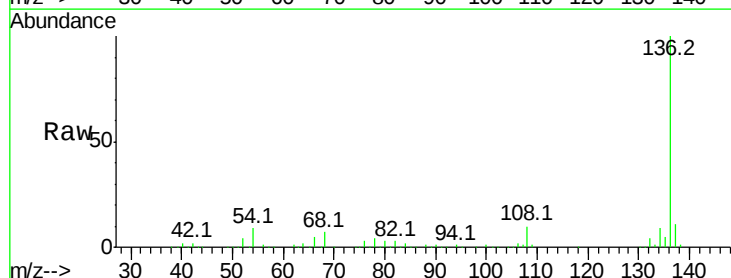
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.7 4.5 6.7#

68 6.7 3.6 5.4#

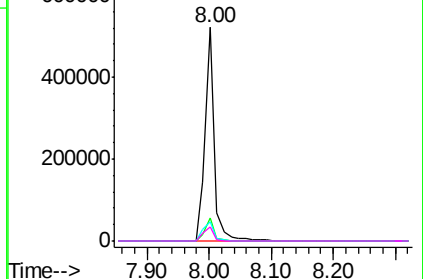
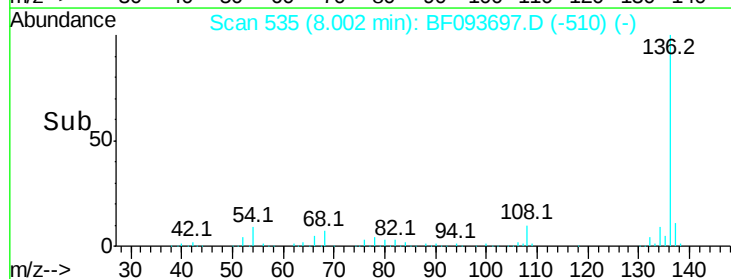


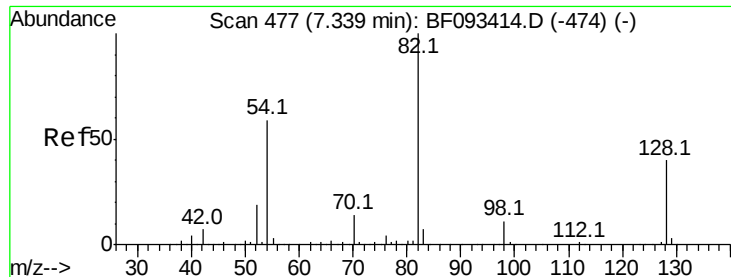
Abundance Ion 136.00 (135.70 to 136.70): E

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

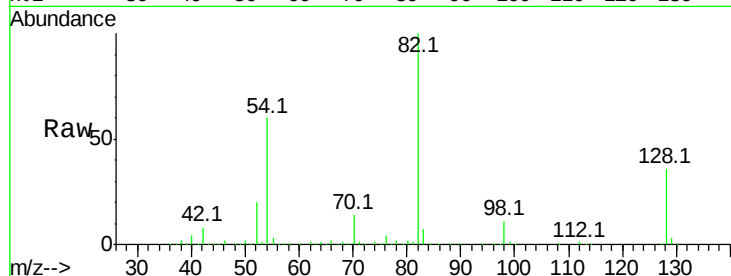




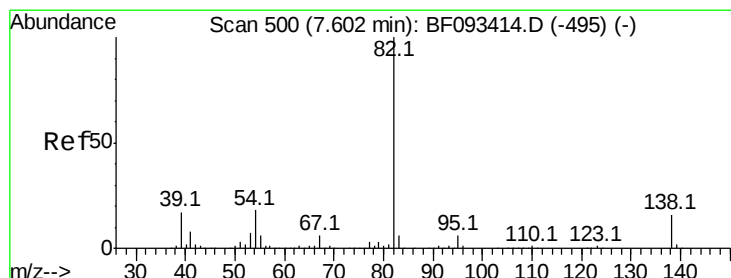
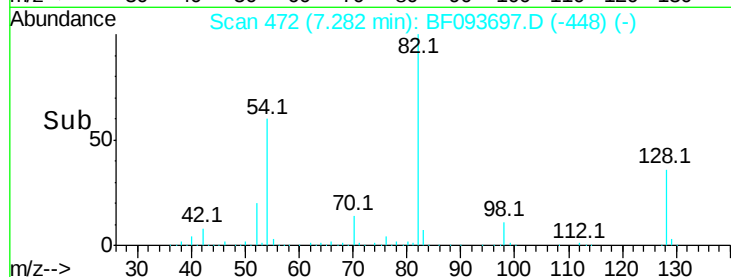
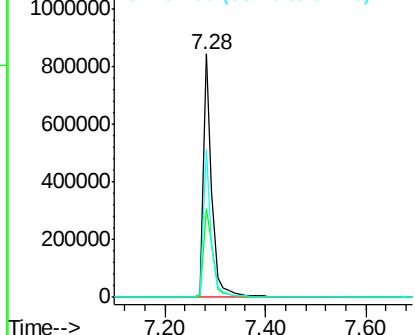
#23
 Nitrobenzene-d5
 Concen: 98.77 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093697.D
 Acq: 16 Mar 2017 7:24

Instrument :
 BNA_F
 ClientSampleId :
 031117-DSDC-F-D-M

Tot Ion: 82 Resp: 971114
 Ion Ratio Lower Upper
 82 100
 128 36.3 34.6 52.0
 54 60.4 39.5 59.3#

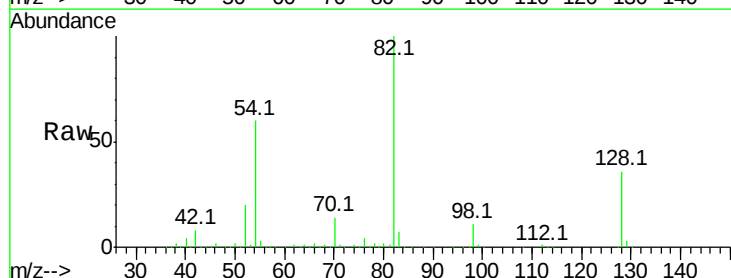


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

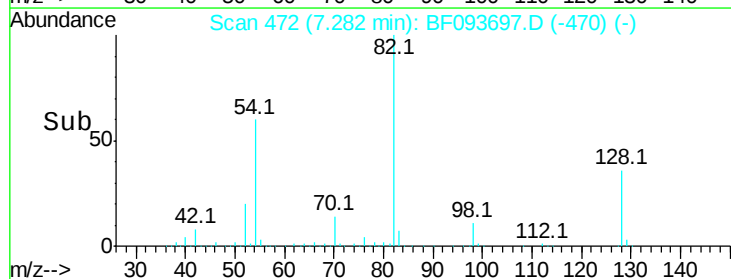
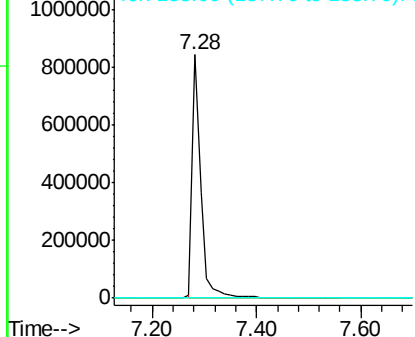


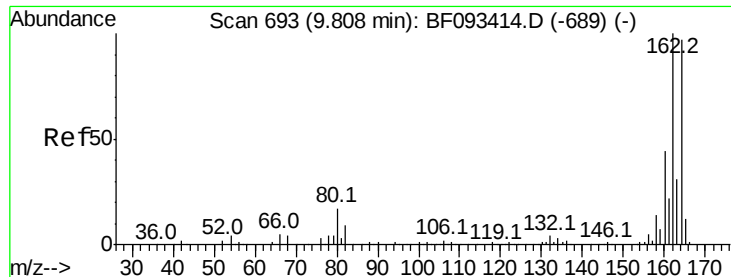
#25
 Isophorone
 Concen: 48.06 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093697.D
 Acq: 16 Mar 2017 7:24

Tgt Ion: 82 Resp: 952943
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

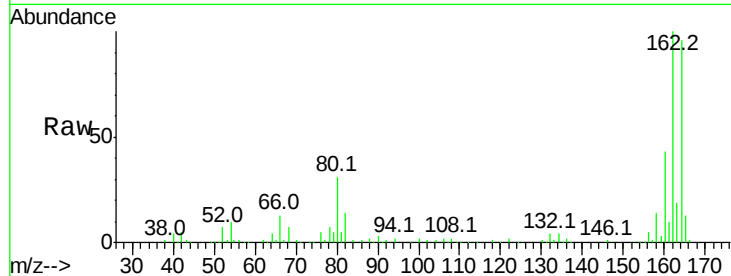




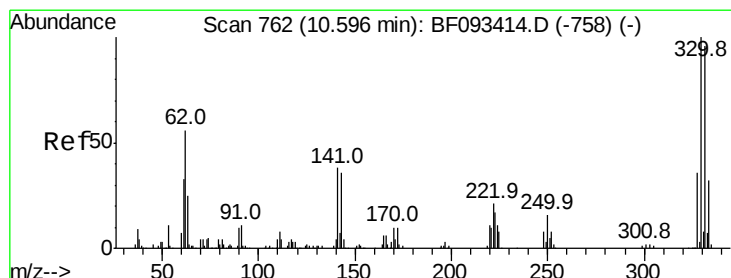
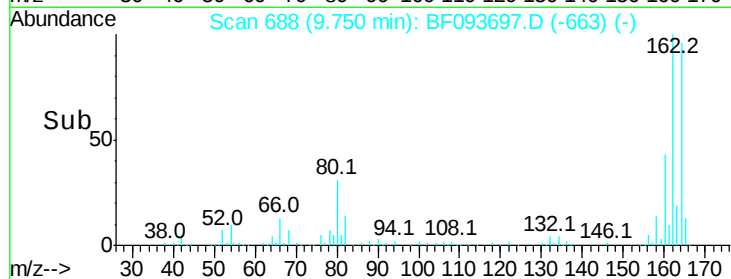
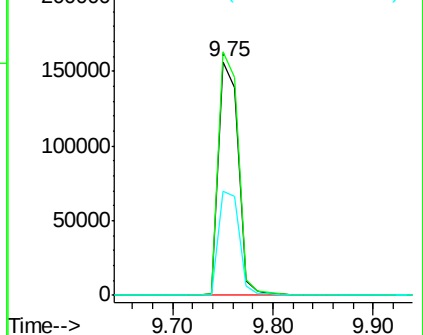
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

Instrument :
BNA_F
ClientSampleId :
031117-DSDC-F-D-M

Tot Ion:164 Resp: 214275
Ion Ratio Lower Upper
164 100
162 104.1 80.2 120.2
160 44.3 36.9 55.3

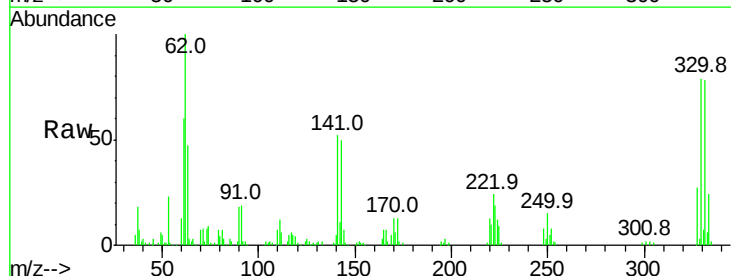


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

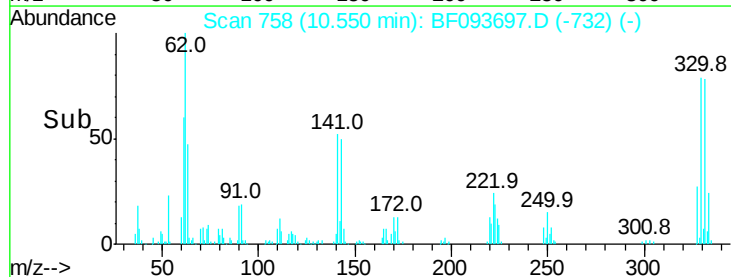
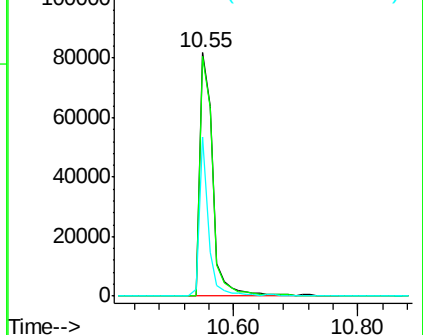


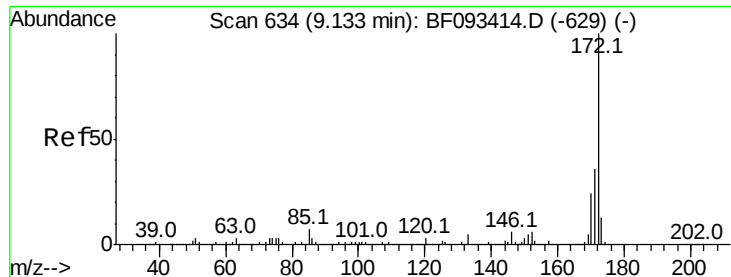
#41
2,4,6-Tribromophenol
Concen: 84.91 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

Tgt Ion:330 Resp: 118537
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.2
141 46.6 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: 121.75 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

Instrument :

BNA_F

ClientSampleId :

031117-DSDC-F-D-M

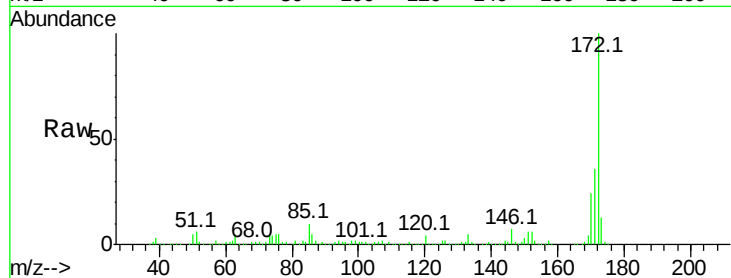
Tot Ion:172 Resp: 1402548

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

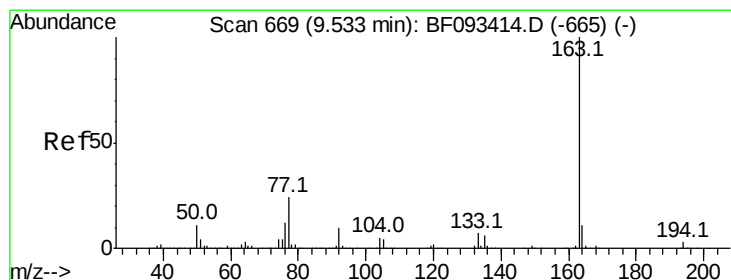
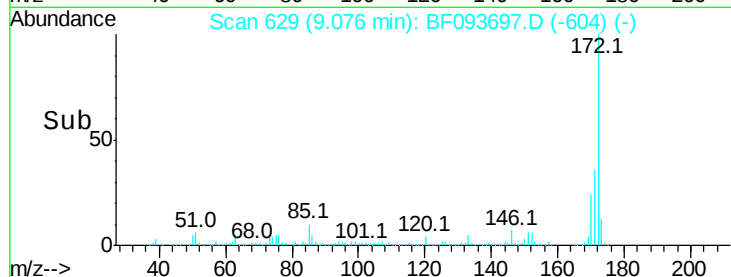
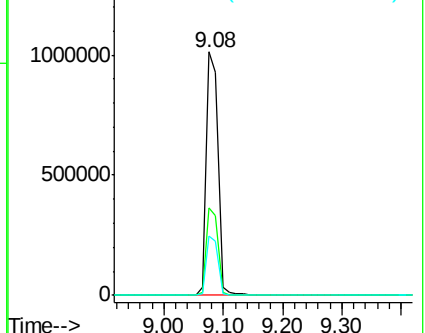
170 24.1 20.2 30.4



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: 3.01 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

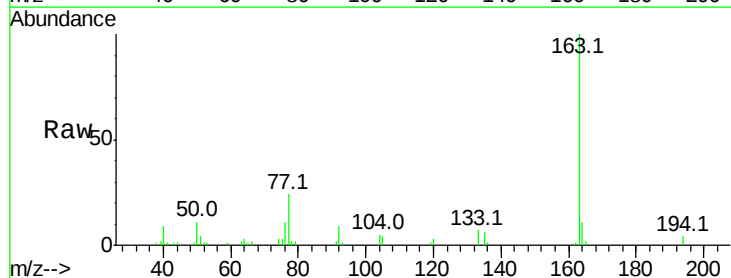
Tgt Ion:163 Resp: 42800

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

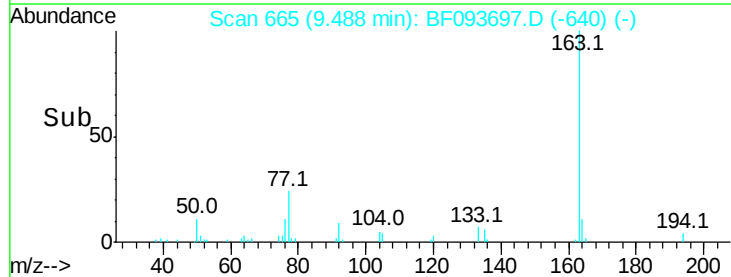
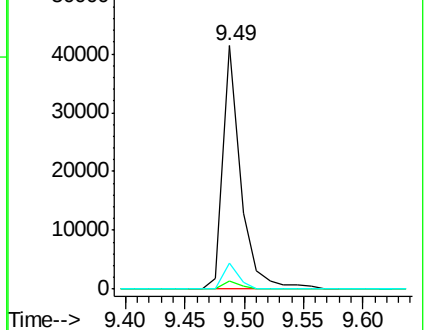
164 10.6 8.0 12.0

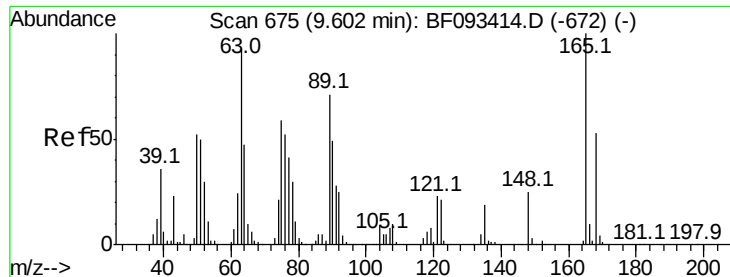


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

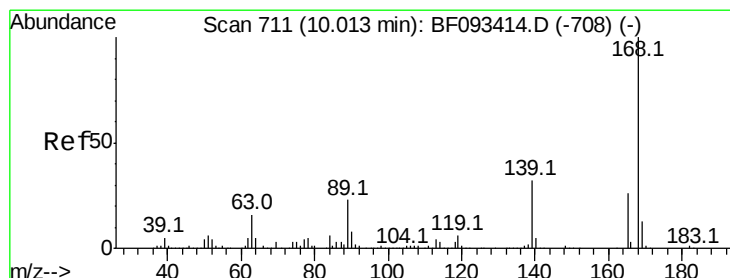
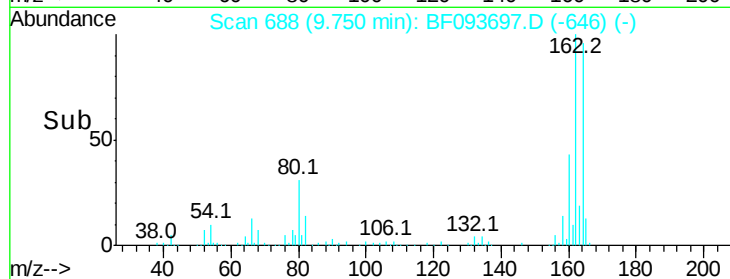
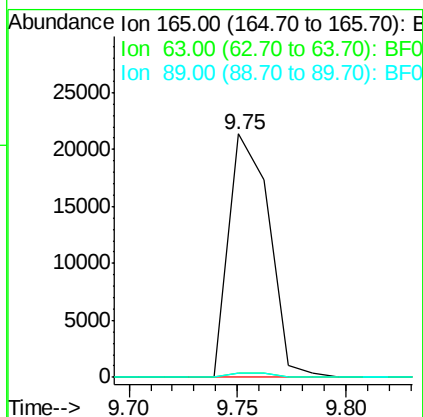
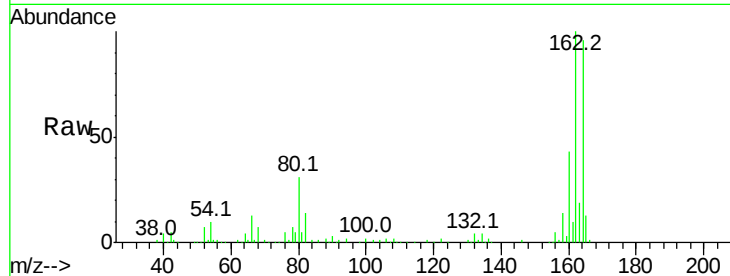




#50
2,6-Dinitrotoluene
Concen: 8.84 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.18 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

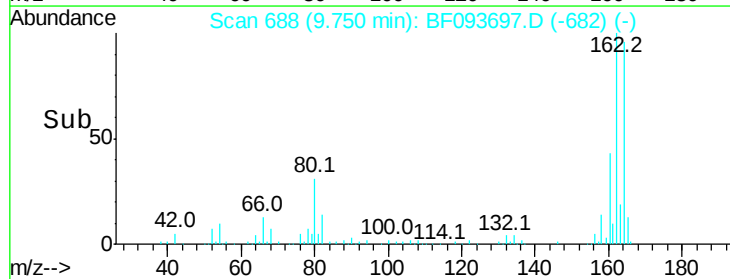
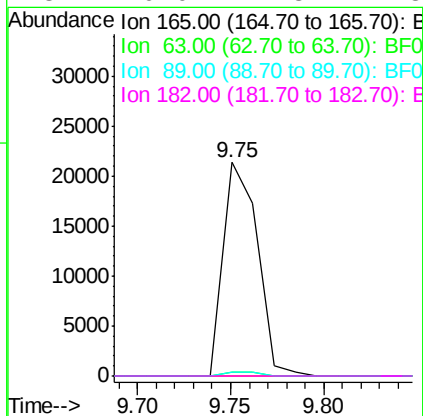
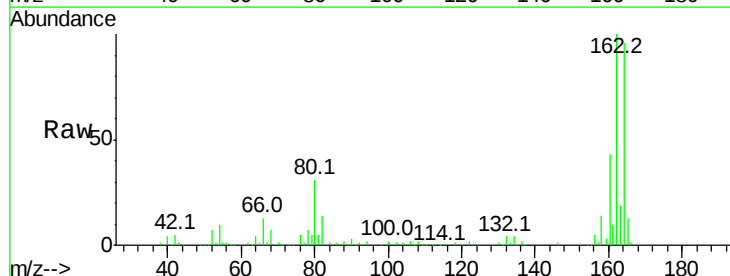
Instrument :
BNA_F
ClientSampleId :
031117-DSDC-F-D-M

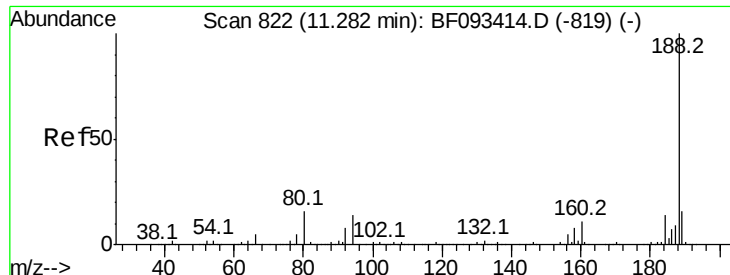
Tot Ion:165 Resp: 27542
Ion Ratio Lower Upper
165 100
63 1.8 36.2 54.4#
89 1.9 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 7.19 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.23 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

Tgt Ion:165 Resp: 27543
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#

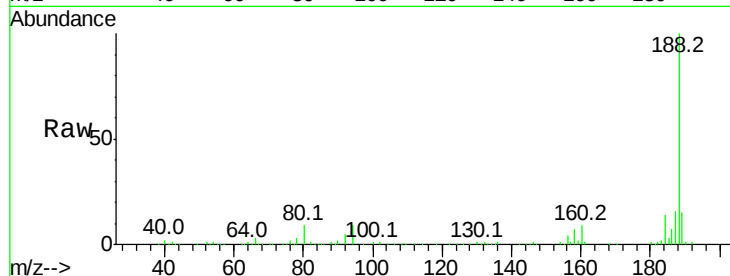




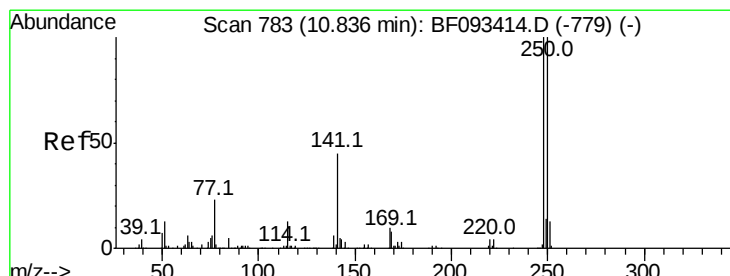
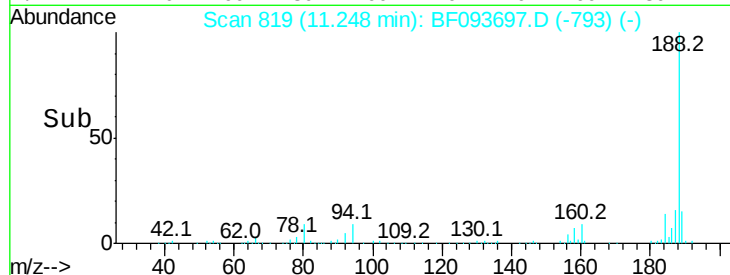
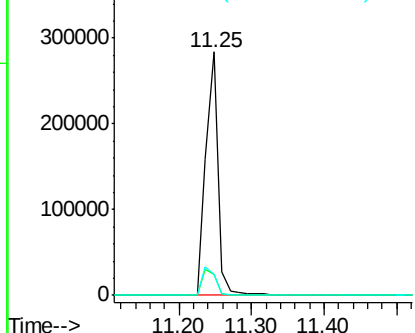
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

Instrument :
BNA_F
ClientSampleId :
031117-DSDC-F-D-M

Tot Ion:188 Resp: 334093
Ion Ratio Lower Upper
188 100
94 8.7 10.0 15.0#
80 8.8 11.2 16.8#

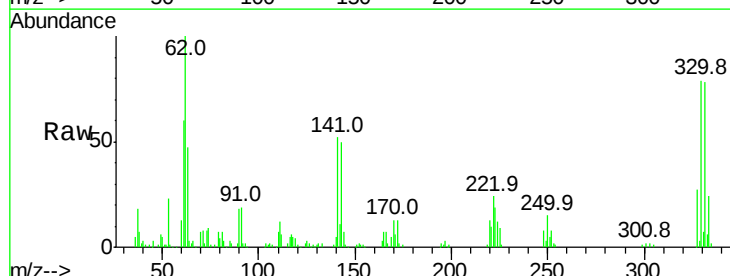


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

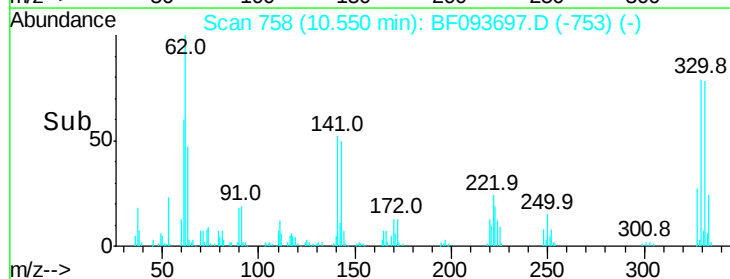
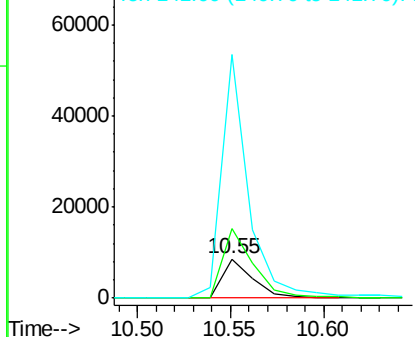


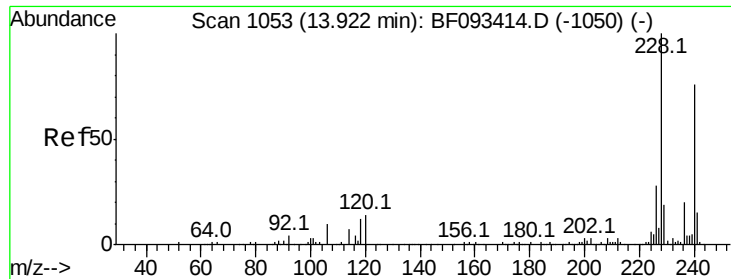
#66
4-Bromophenyl-phenylether
Concen: 2.73 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

Tgt Ion:248 Resp: 9642
Ion Ratio Lower Upper
248 100
250 179.3 76.9 115.3#
141 624.1 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: BF093697.D

Acq: 16 Mar 2017 7:24

Instrument :

BNA_F

ClientSampleId :

031117-DSDC-F-D-M

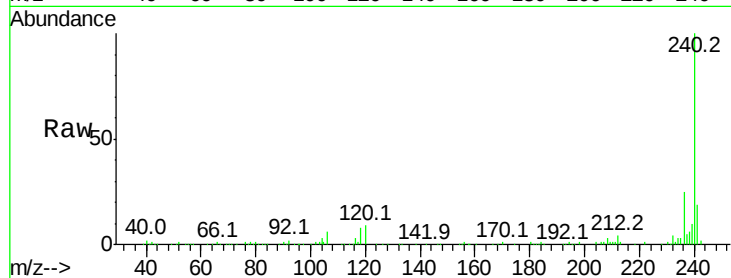
Tot Ion:240 Resp: 324412

Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

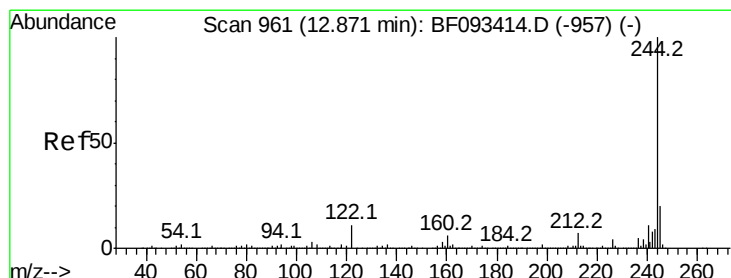
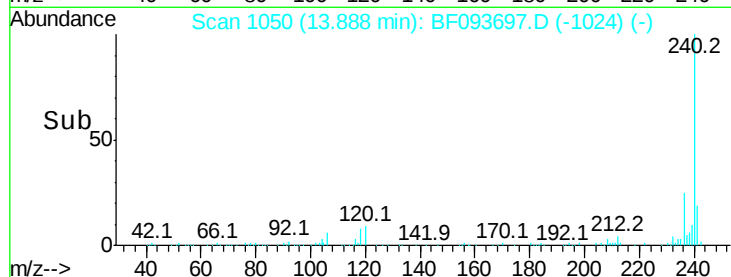
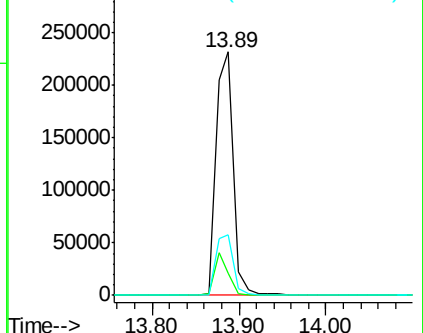
236 25.0 20.9 31.3



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: 75.11 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093697.D

Acq: 16 Mar 2017 7:24

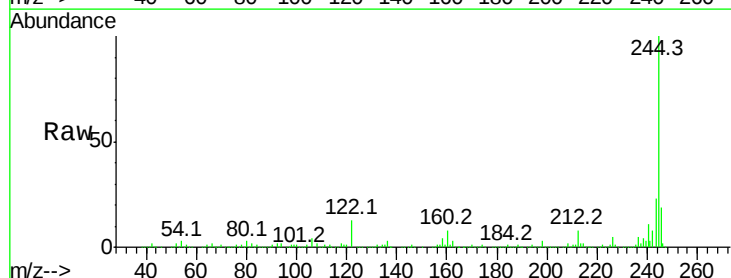
Tgt Ion:244 Resp: 937215

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

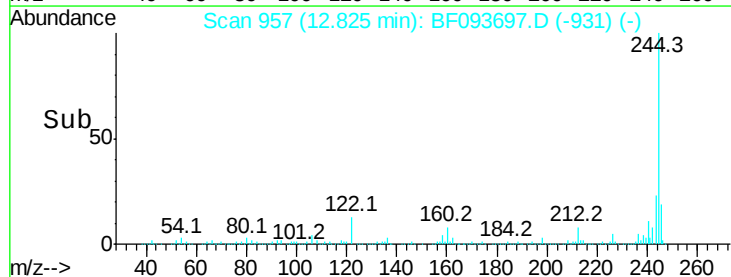
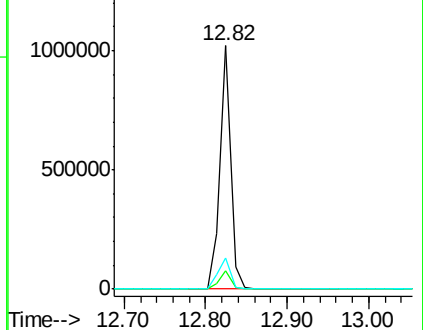
122 12.7 11.4 17.2

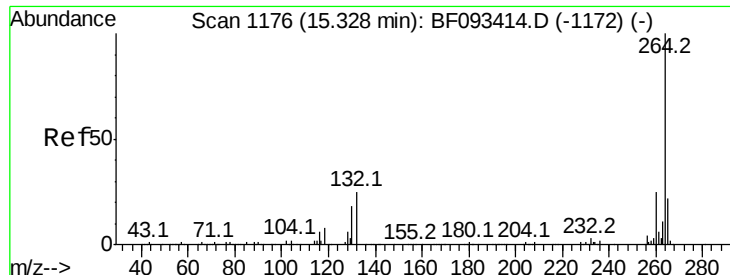


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

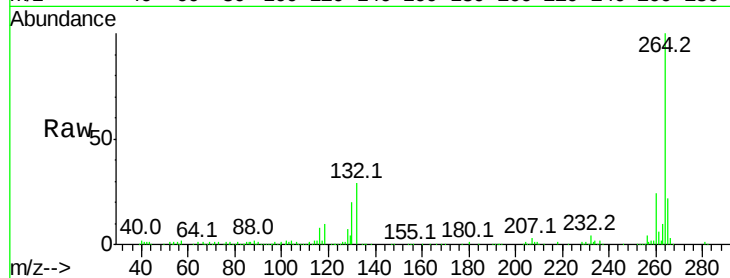




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF093697.D
Acq: 16 Mar 2017 7:24

Instrument :
BNA_F
ClientSampleId :
031117-DSDC-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.5	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

