

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093549.D
 Acq On : 11 Mar 2017 4:00
 Operator : SJ/MA
 Sample : PB97501BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BL

Quant Time: Mar 11 04:24:59 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

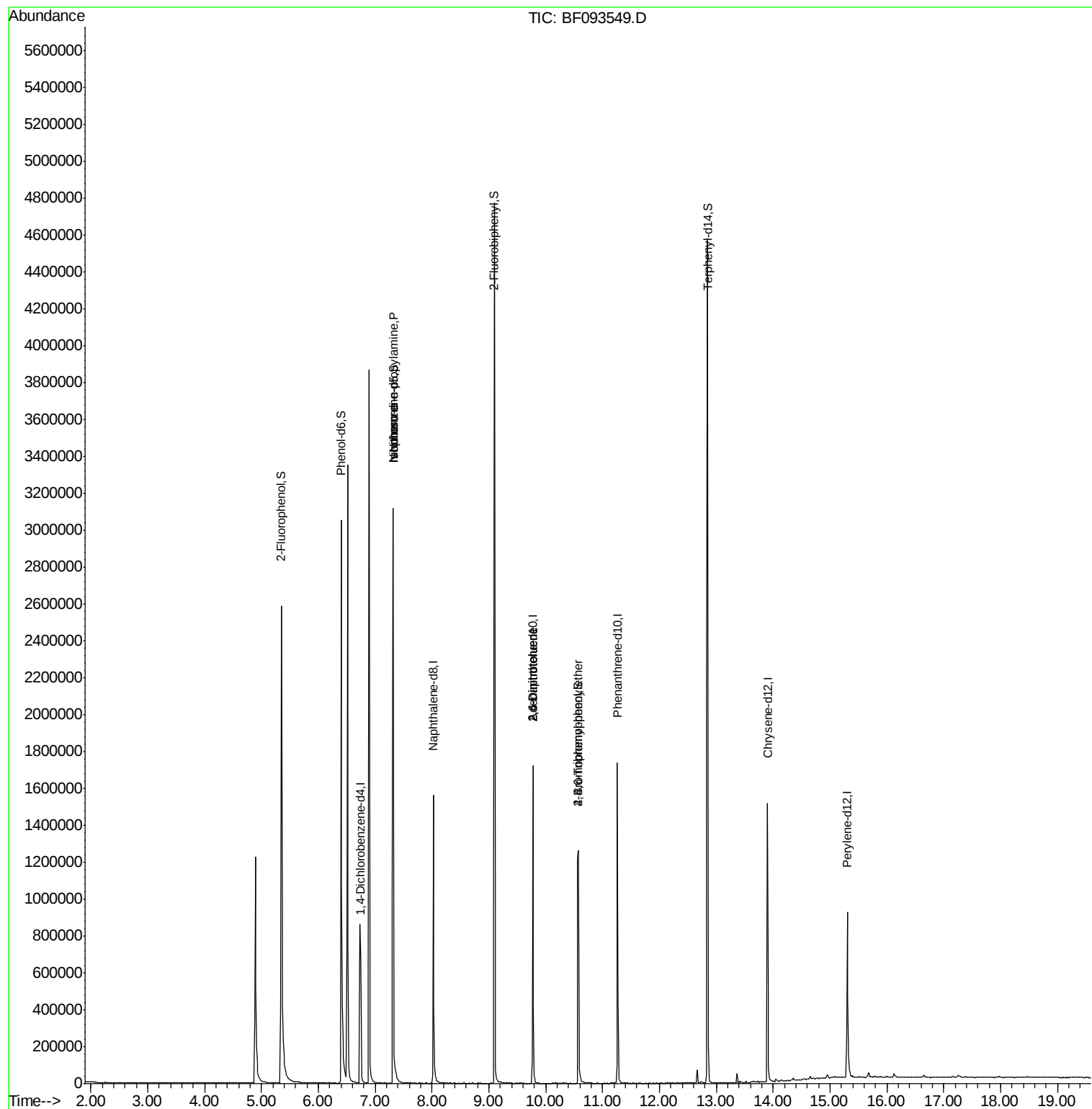
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	186032	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	741549	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	340178	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	652488	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	565246	20.00	ng	-0.02
86) Perylene-d12	15.31	264	422905	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	973024	87.05	ng	0.00
7) Phenol-d6	6.40	99	1259429	89.35	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1148067	85.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	210263	94.87	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1556094	85.08	ng	-0.03
78) Terphenyl-d14	12.85	244	1507338	69.33	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.40	77	1421	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	151261	15.61	ng	# 81
25) Isophorone	7.32	82	1151957	42.74	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	44619	9.02	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	44614	7.34	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	15706	2.28	ng	# 1

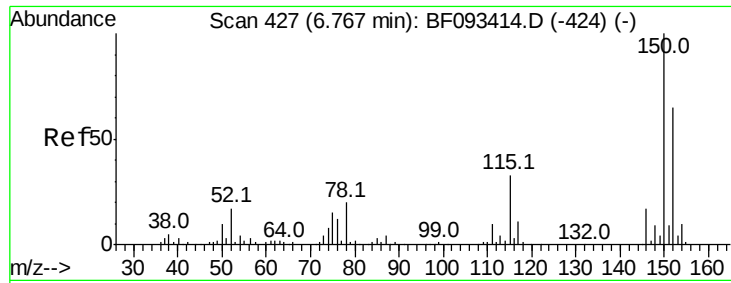
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093549.D

Acq: 11 Mar 2017 4:00

Instrument :

BNA_F

ClientSampleId :

PB97501BL

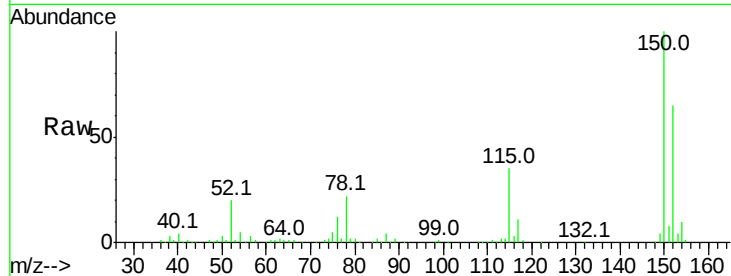
Tot Ion:152 Resp: 186032

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

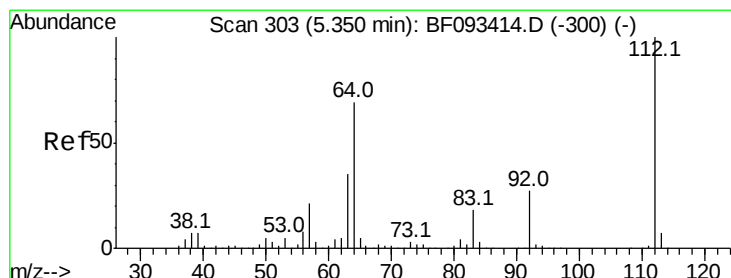
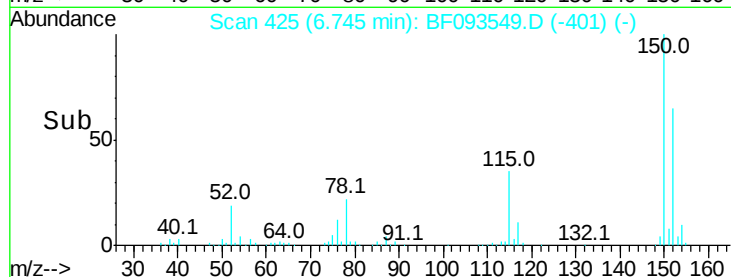
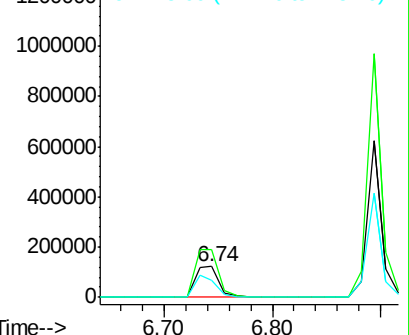
115 54.1 46.0 69.0



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: 87.05 ng

RT: 5.35 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF093549.D

Acq: 11 Mar 2017 4:00

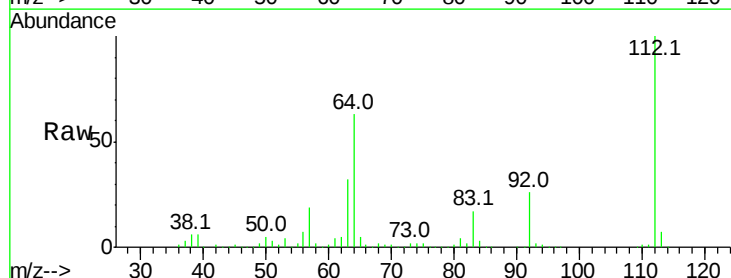
Tgt Ion:112 Resp: 973024

Ion Ratio Lower Upper

112 100

64 62.7 46.1 69.1

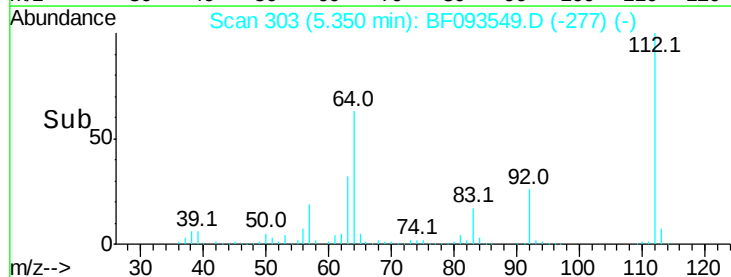
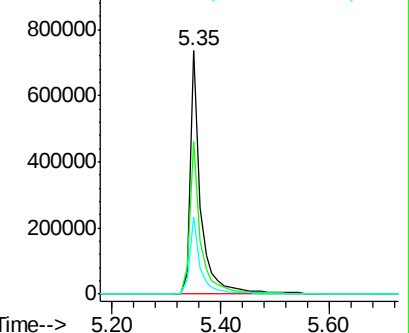
63 31.6 23.8 35.6

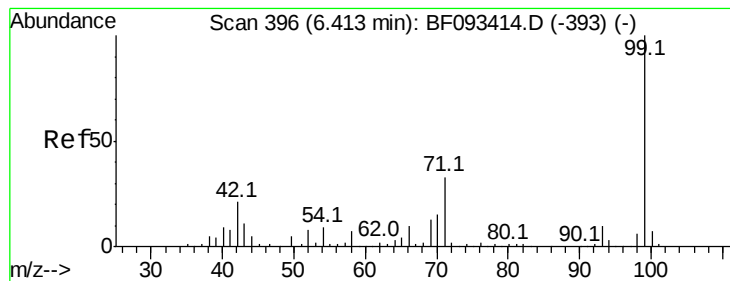


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.35 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093549.D

Acq: 11 Mar 2017 4:00

Instrument :

BNA_F

ClientSampled :

PB97501BL

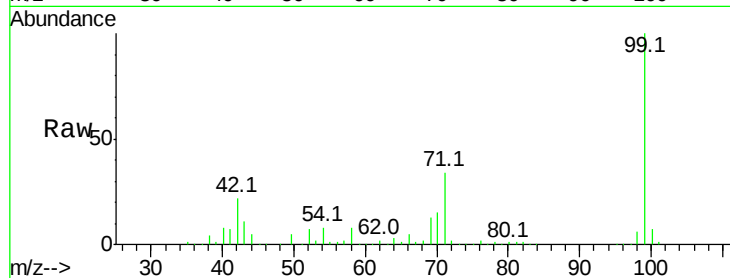
Tot Ion: 99 Resp: 1259429

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

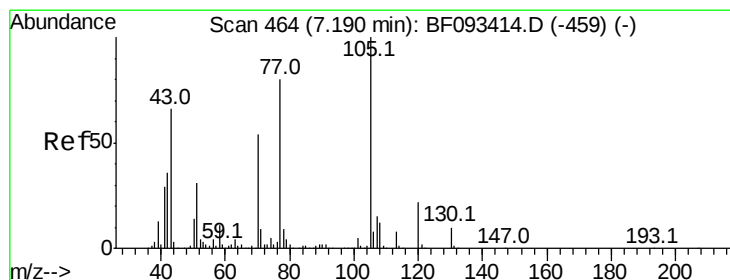
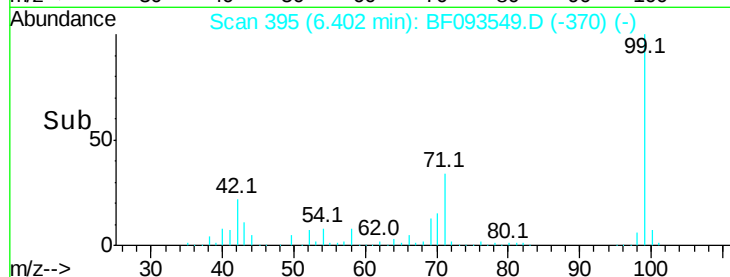
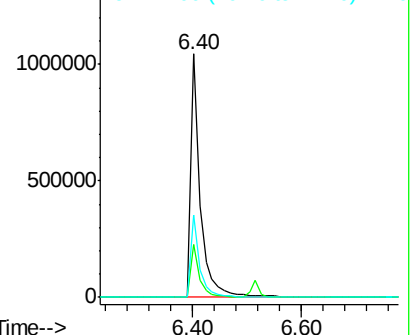
71 34.0 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.61 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093549.D

Acq: 11 Mar 2017 4:00

Tgt Ion: 70 Resp: 151261

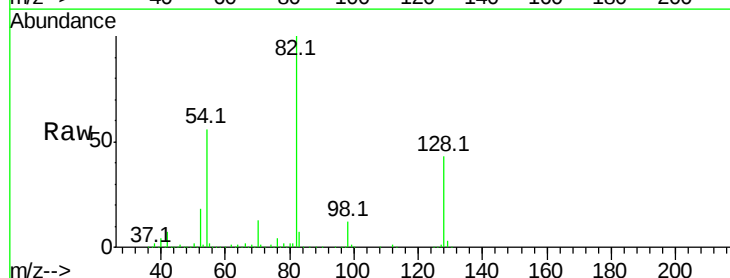
Ion Ratio Lower Upper

70 100

42 52.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

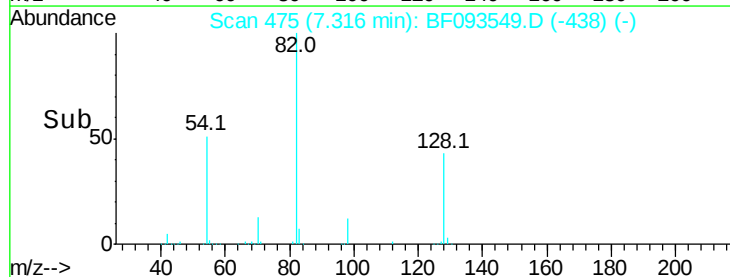
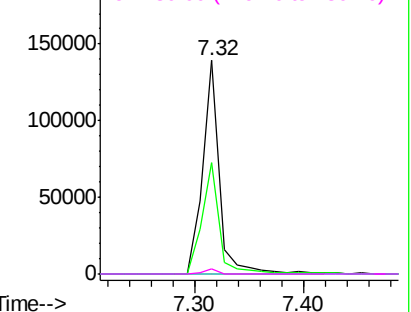


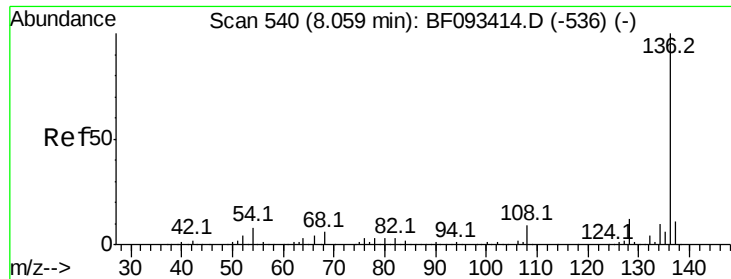
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

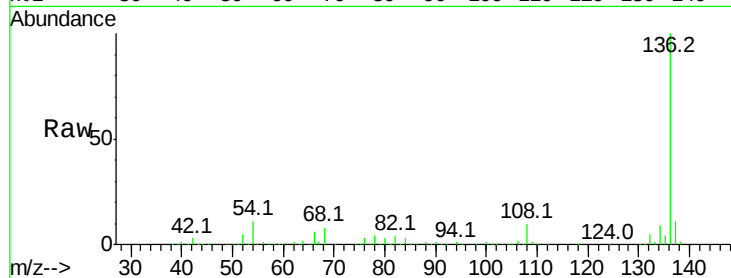




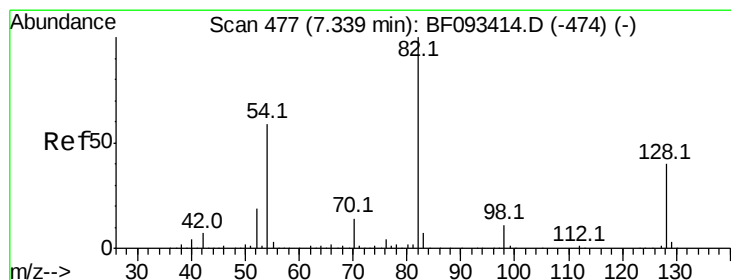
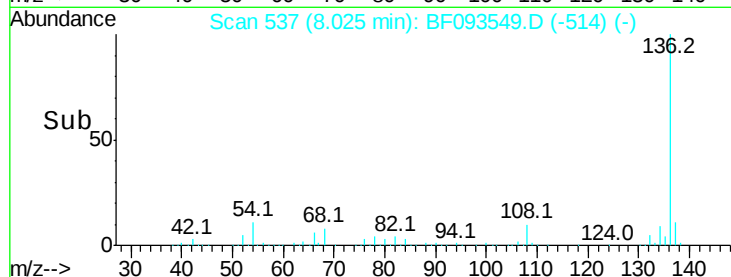
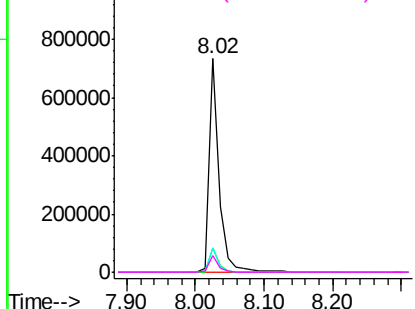
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093549.D
Acq: 11 Mar 2017 4:00

Instrument :
BNA_F
ClientSampleId :
PB97501BL

Tot Ion:136	Resp:	741549
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.4 12.6
54	11.1	4.5 6.7#
68	7.9	3.6 5.4#

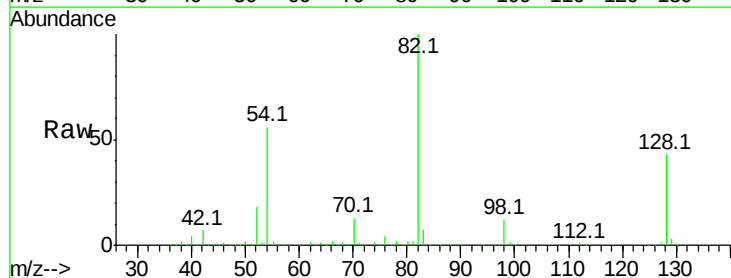


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

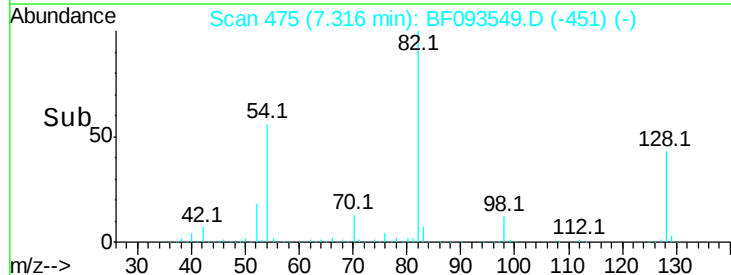
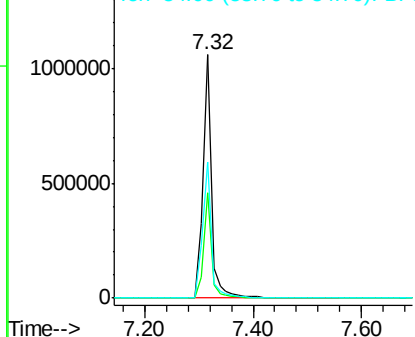


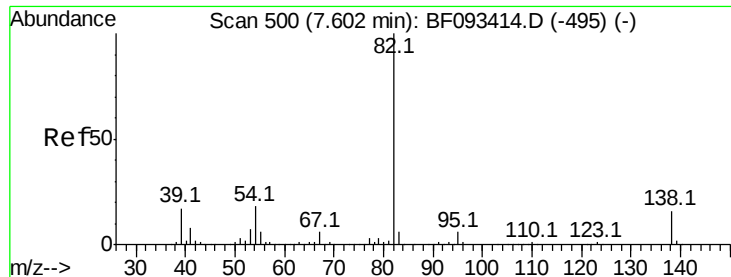
#23
Nitrobenzene-d5
Concen: 85.90 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093549.D
Acq: 11 Mar 2017 4:00

Tgt Ion: 82	Resp:	1148067
Ion Ratio	Lower	Upper
82	100	
128	43.4	34.6 52.0
54	55.7	39.5 59.3



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





#25

Isophorone

Concen: 42.74 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093549.D

Acq: 11 Mar 2017 4:00

Instrument :

BNA_F

ClientSampled :

PB97501BL

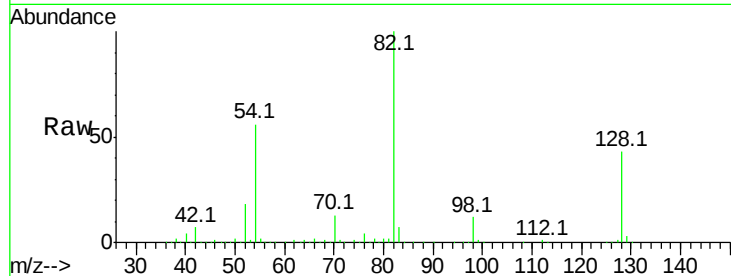
Tot Ion: 82 Resp: 1151957

Ion Ratio Lower Upper

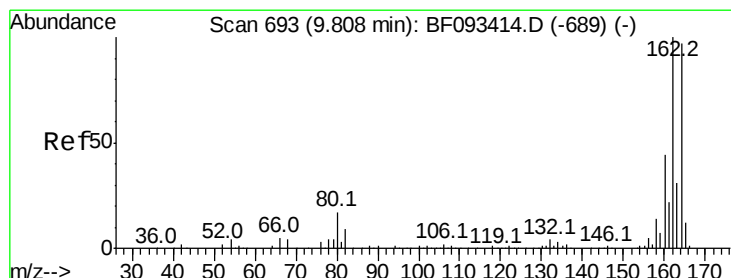
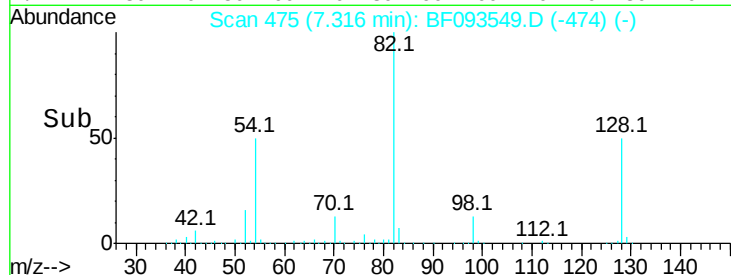
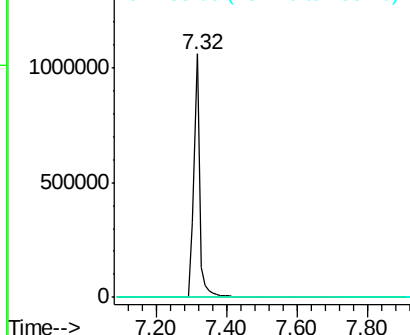
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093549.D

Acq: 11 Mar 2017 4:00

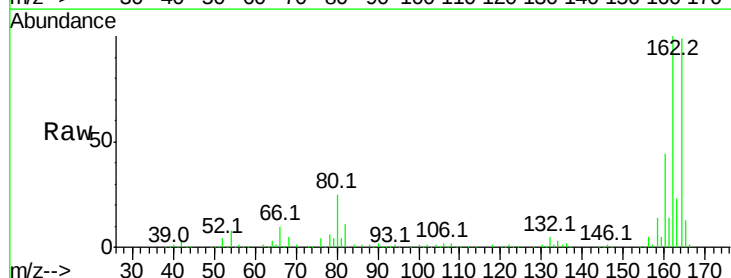
Tgt Ion: 164 Resp: 340178

Ion Ratio Lower Upper

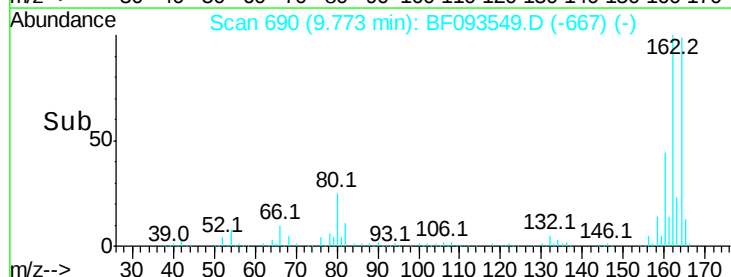
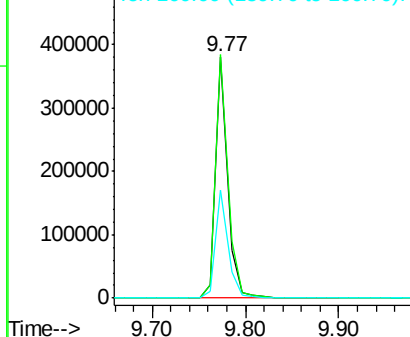
164 100

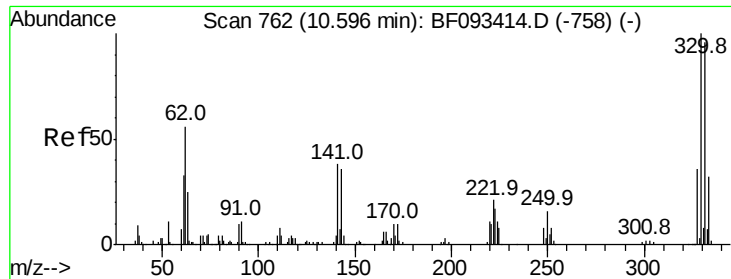
162 100.8 80.2 120.2

160 44.6 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

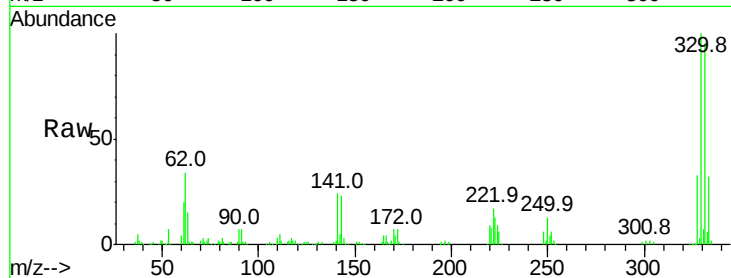




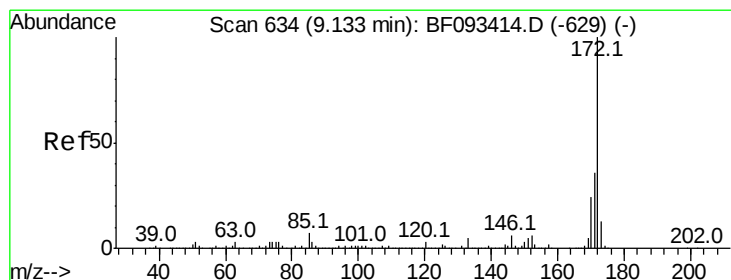
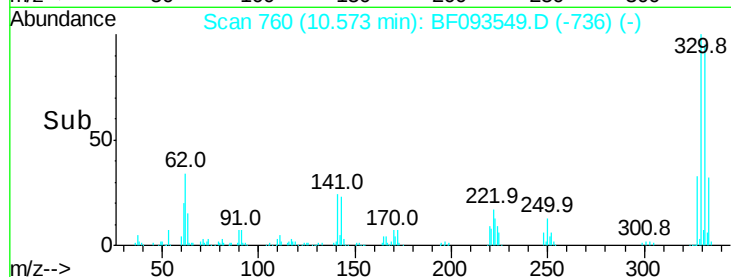
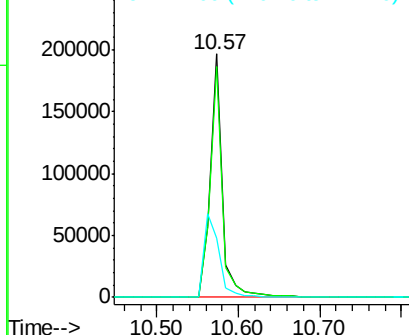
#41
 2,4,6-Tribromophenol
 Concen: 94.87 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093549.D
 Acq: 11 Mar 2017 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BL

Tot Ion:330 Resp: 210263
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 43.3 34.1 51.1

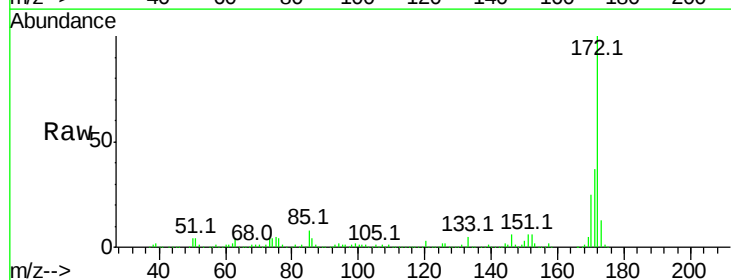


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

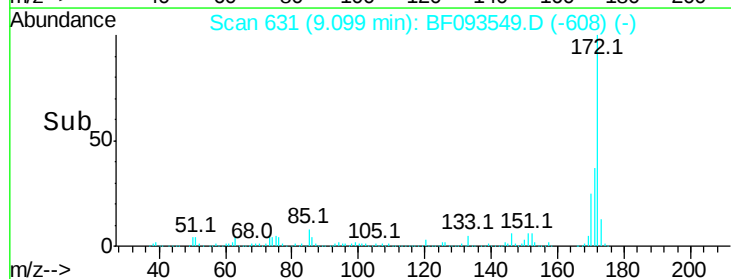
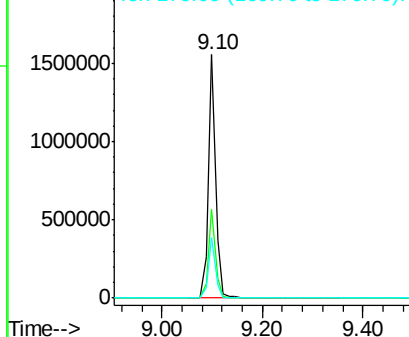


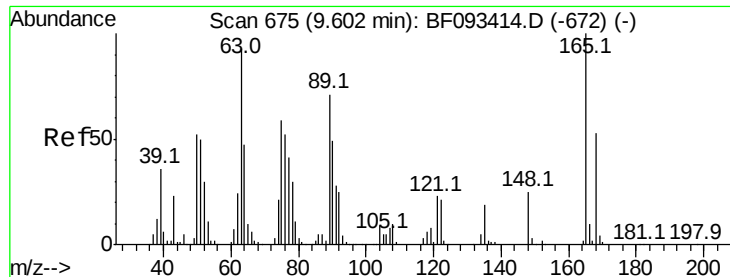
#44
 2-Fluorobiphenyl
 Concen: 85.08 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093549.D
 Acq: 11 Mar 2017 4:00

Tgt Ion:172 Resp: 1556094
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.7 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

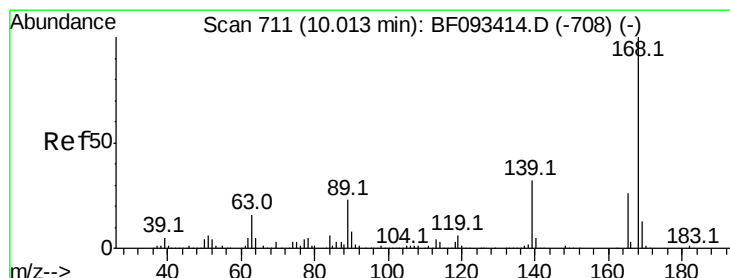
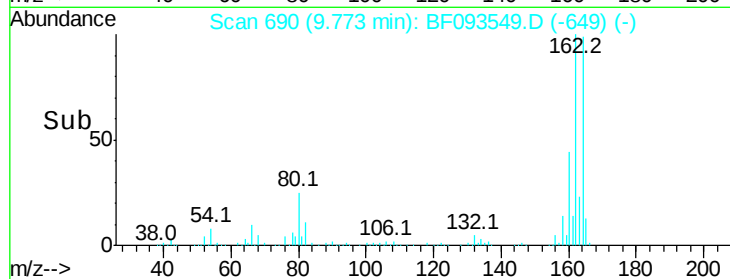
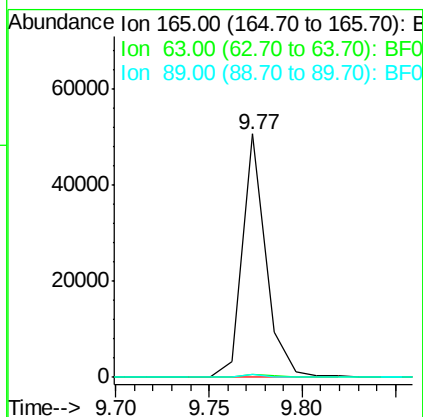
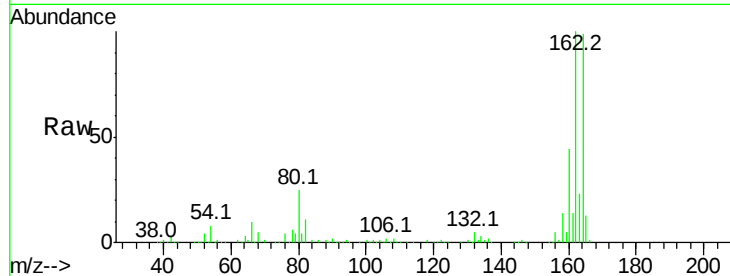




#50
2,6-Dinitrotoluene
Concen: 9.02 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093549.D
Acq: 11 Mar 2017 4:00

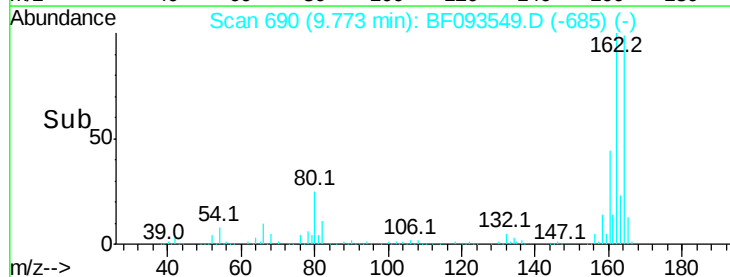
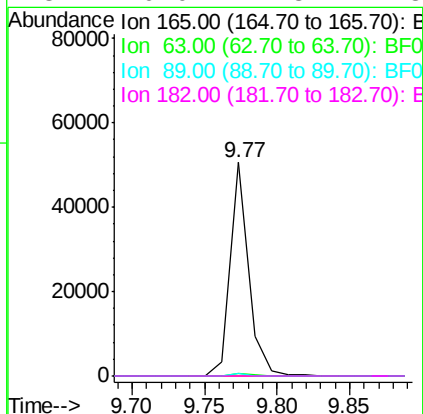
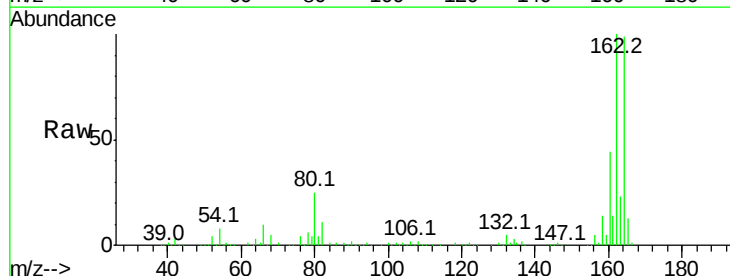
Instrument :
BNA_F
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PB97501BL

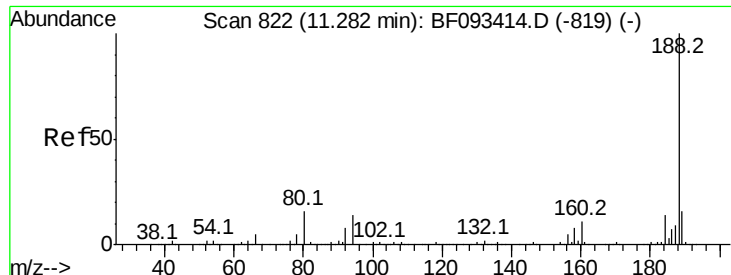
Tot Ion:165 Resp: 44619
Ion Ratio Lower Upper
165 100
63 1.3 36.2 54.4#
89 1.5 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 7.34 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093549.D
Acq: 11 Mar 2017 4:00

Tgt Ion:165 Resp: 44614
Ion Ratio Lower Upper
165 100
63 1.3 40.2 60.4#
89 1.5 62.5 93.7#
182 0.0 1.8 2.8#

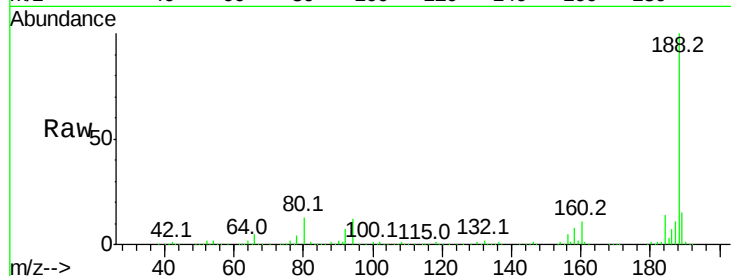




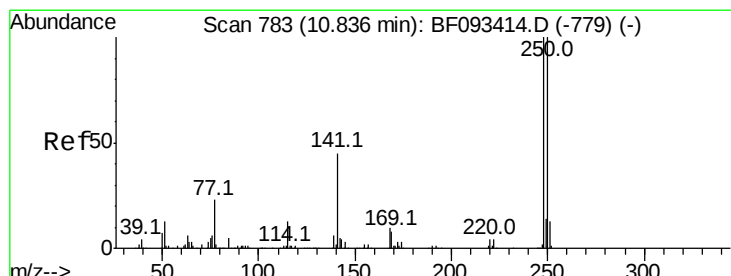
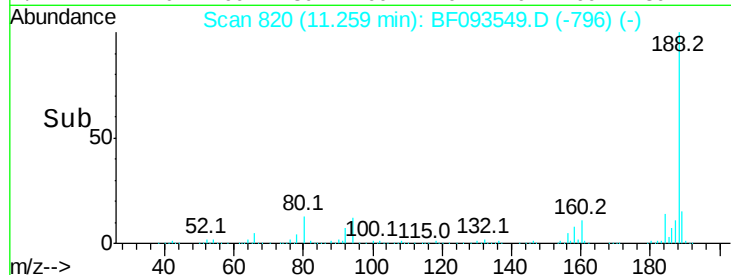
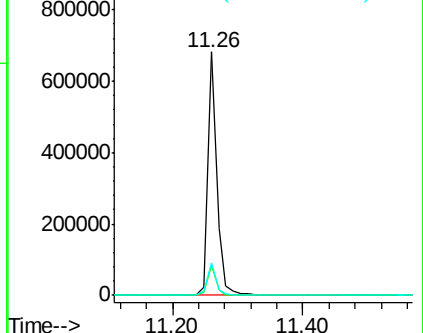
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093549.D
Acq: 11 Mar 2017 4:00

Instrument :
BNA_F
ClientSampleId :
PB97501BL

Tot Ion:188 Resp: 652488
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 13.4 11.2 16.8

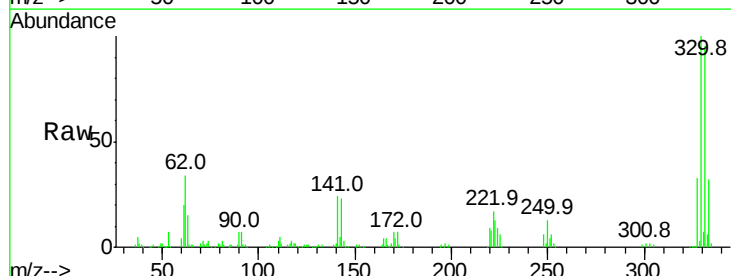


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

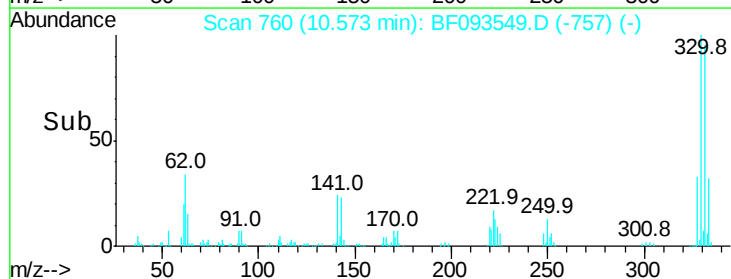
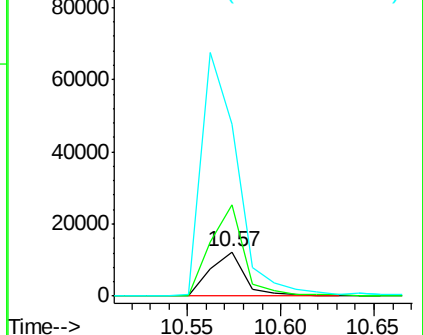


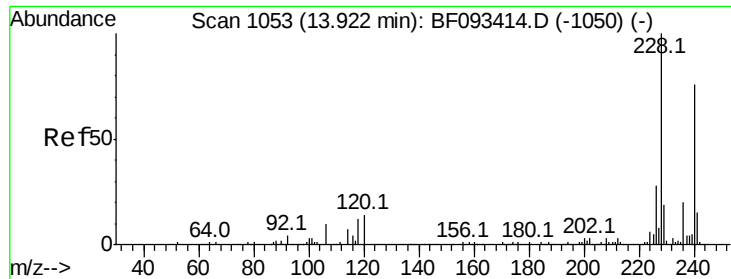
#66
4-Bromophenyl-phenylether
Concen: 2.28 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093549.D
Acq: 11 Mar 2017 4:00

Tgt Ion:248 Resp: 15706
Ion Ratio Lower Upper
248 100
250 205.0 76.9 115.3#
141 386.5 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

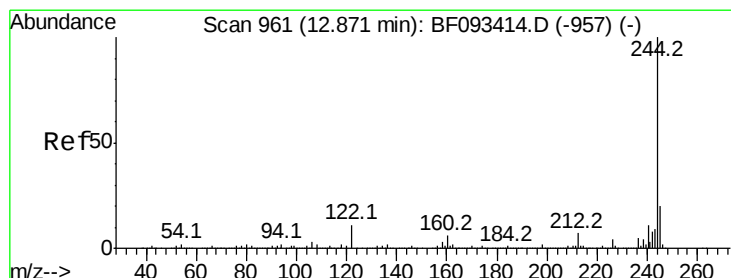
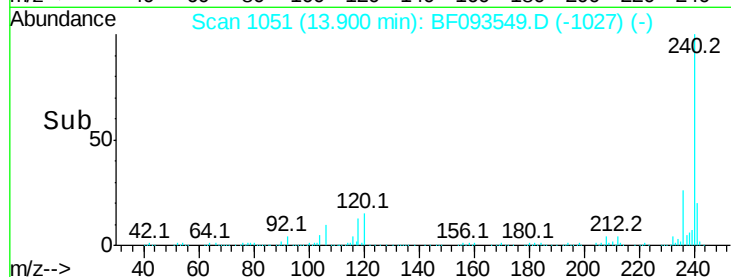
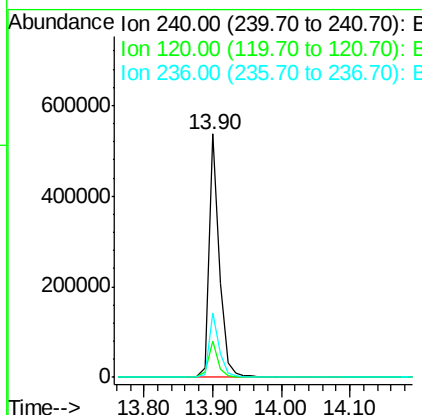
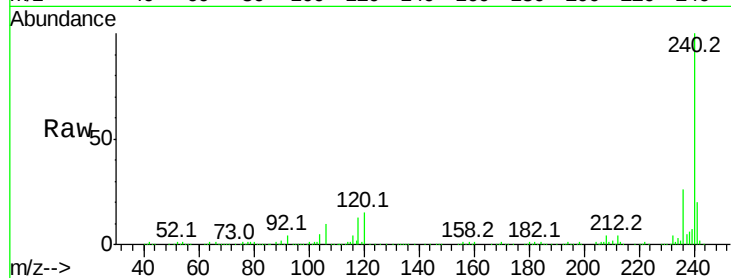




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BF093549.D
 Acq: 11 Mar 2017 4:00

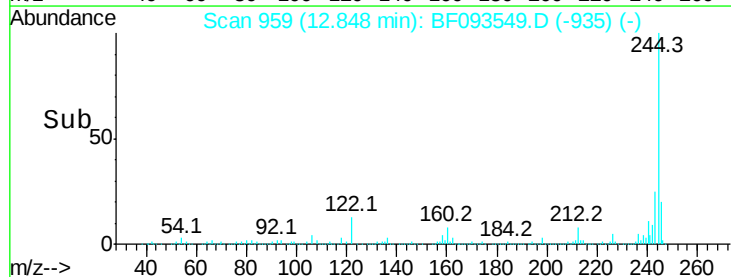
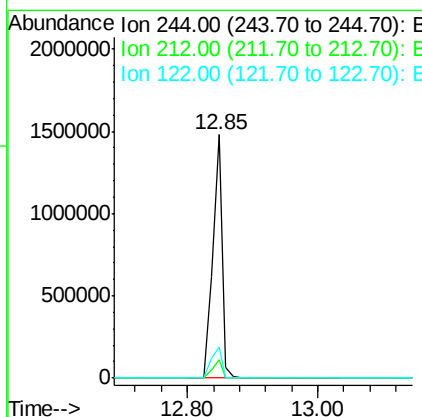
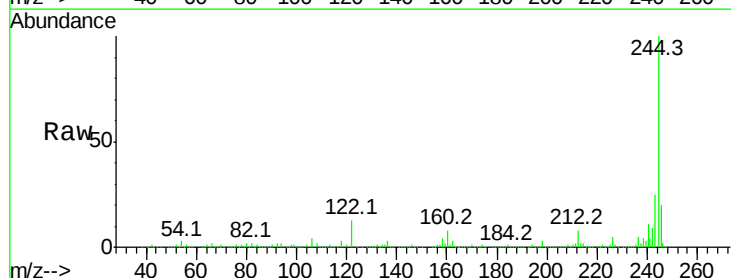
Instrument :
 BNA_F
 ClientSampleId :
 PB97501BL

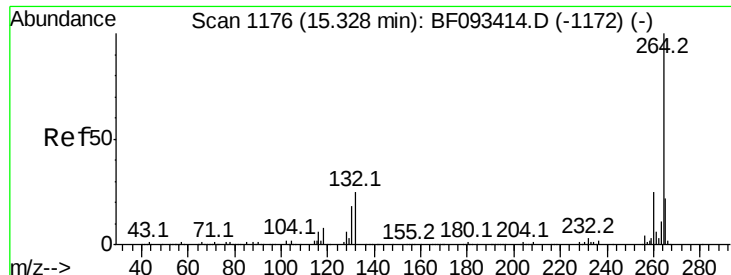
Tot Ion:240 Resp: 565246
 Ion Ratio Lower Upper
 240 100
 120 14.8 12.9 19.3
 236 26.4 20.9 31.3



#78
 Terphenyl-d14
 Concen: 69.33 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093549.D
 Acq: 11 Mar 2017 4:00

Tgt Ion:244 Resp: 1507338
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.6 11.4 17.2

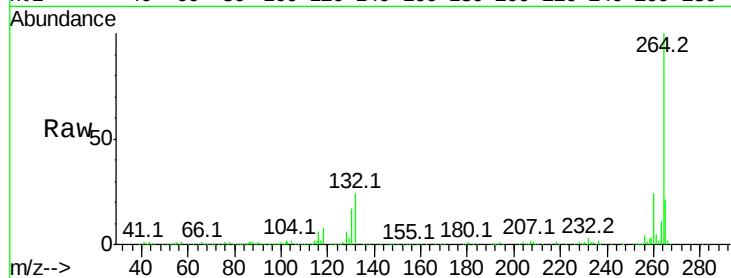




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093549.D
 Acq: 11 Mar 2017 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	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

