

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093462.D
 Acq On : 9 Mar 2017 8:05
 Operator : SJ/MA
 Sample : I2127-23
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 10:07:50 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

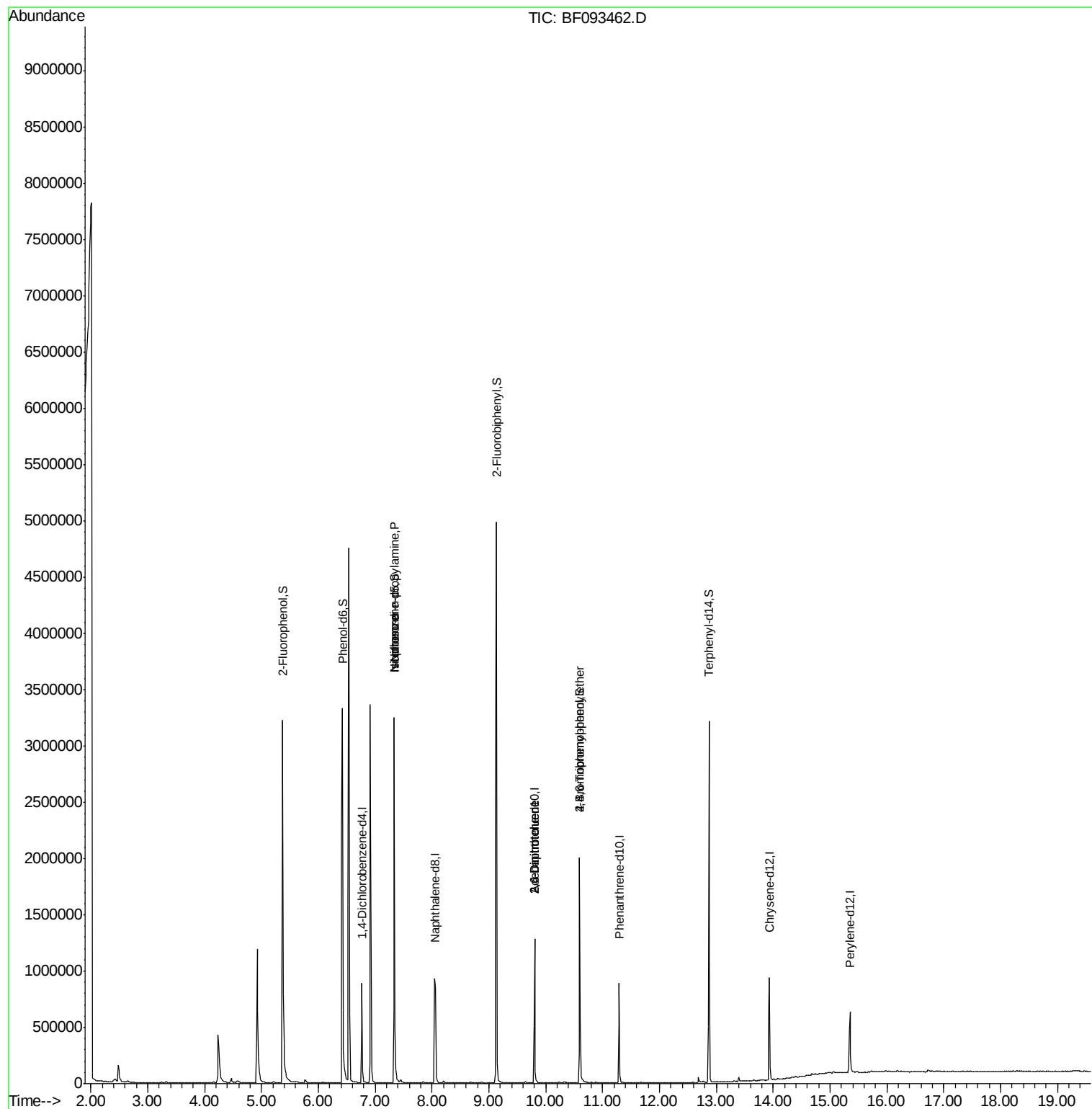
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	167619	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	638293	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	280066	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	402575	20.00	ng	0.01
75) Chrysene-d12	13.93	240	352246	20.00	ng	0.01
86) Perylene-d12	15.35	264	271042	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1388490	137.87	ng	0.02
7) Phenol-d6	6.42	99	1726195	135.92	ng	0.01
23) Nitrobenzene-d5	7.34	82	1076864	93.61	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	220838	121.03	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1735235	115.24	ng	0.00
78) Terphenyl-d14	12.87	244	1054537	77.84	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	2221	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	146095	16.73	ng	81
25) Isophorone	7.34	82	907665	39.13	ng	65
50) 2,6-Dinitrotoluene	9.81	165	35548	8.73	ng	32
56) 2,4-Dinitrotoluene	9.81	165	35550	7.10	ng	20
66) 4-Bromophenyl-phenylether	10.60	248	17045	4.00	ng	1

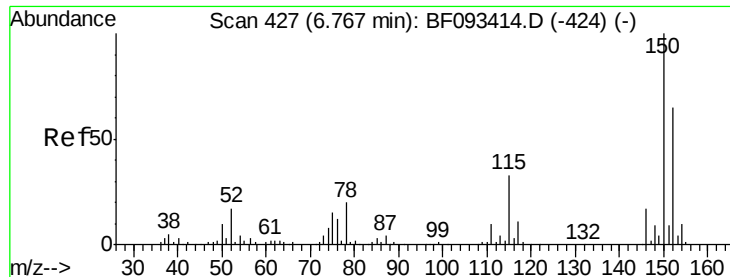
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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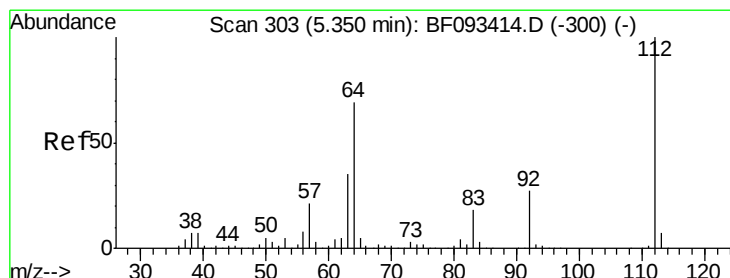
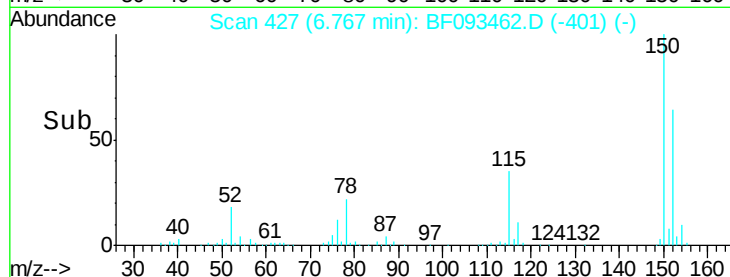
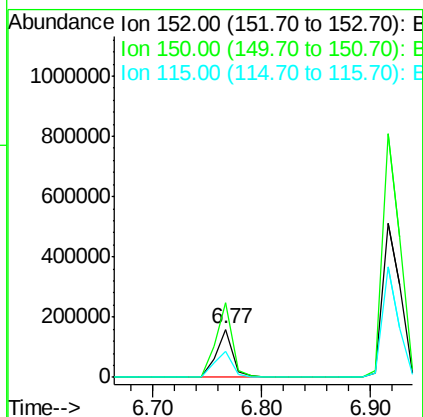
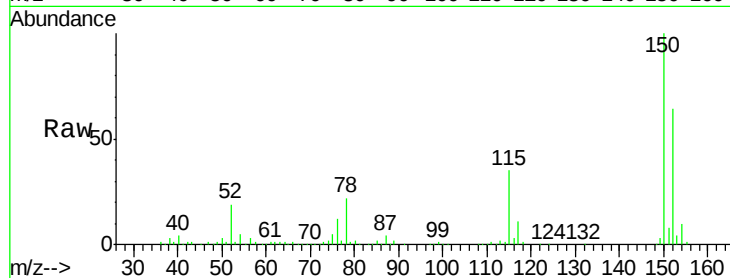


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

Instrument :
BNA_F
ClientSampleId :

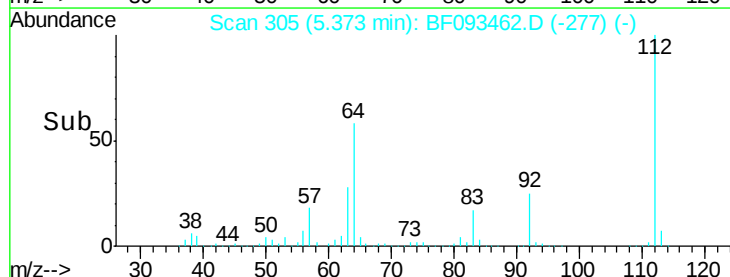
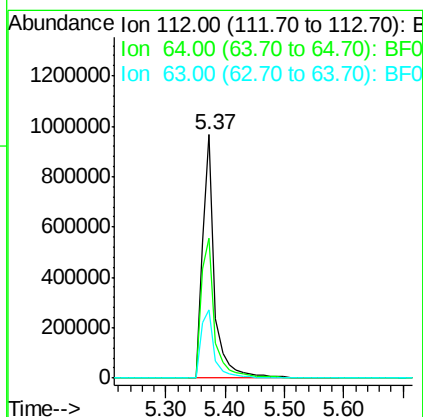
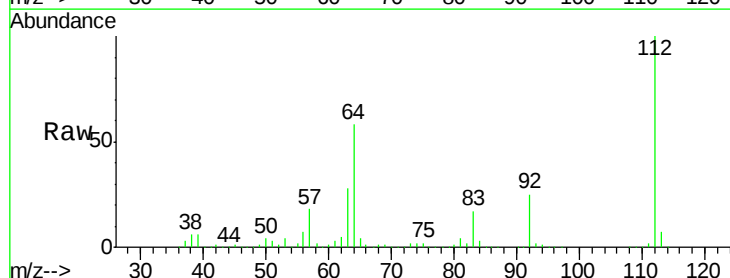
Tot Ion:152 Resp: 167619
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 54.9 46.0 69.0

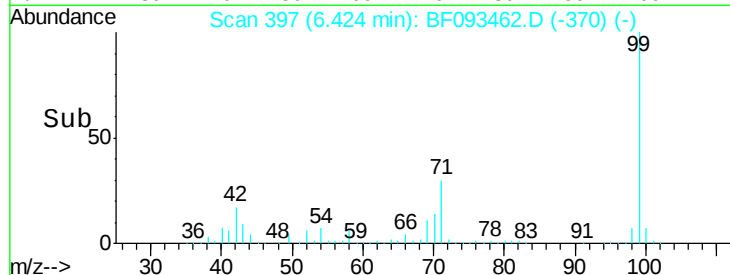
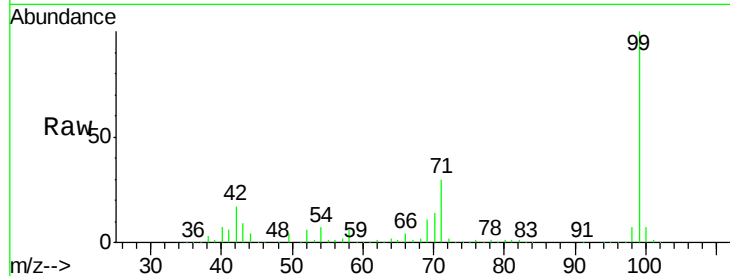
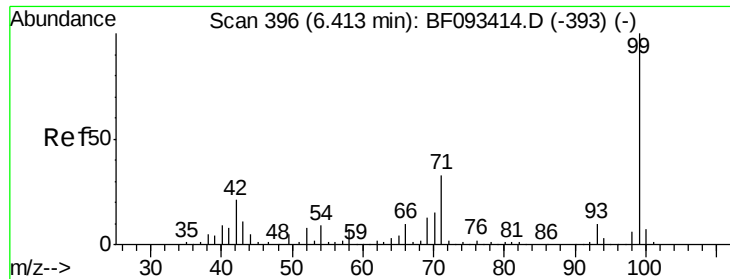


#5

2-Fluorophenol
Concen: 137.87 ng
RT: 5.37 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

Tgt Ion:112 Resp: 1388490
Ion Ratio Lower Upper
112 100
64 57.5 46.1 69.1
63 28.1 23.8 35.6





#7

Phenol-d6

Concen: 135.92 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093462.D

Acq: 9 Mar 2017 8:05

Instrument :

BNA_F

ClientSampleId :

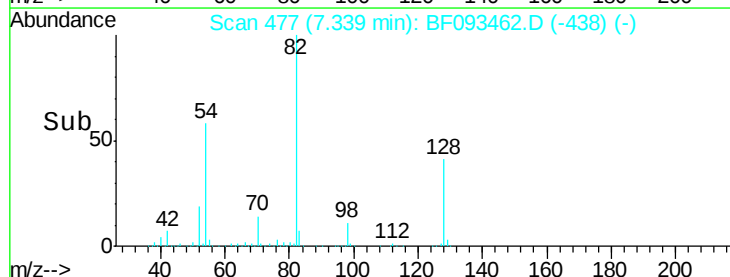
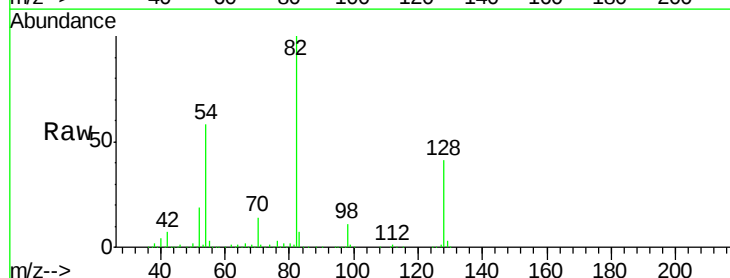
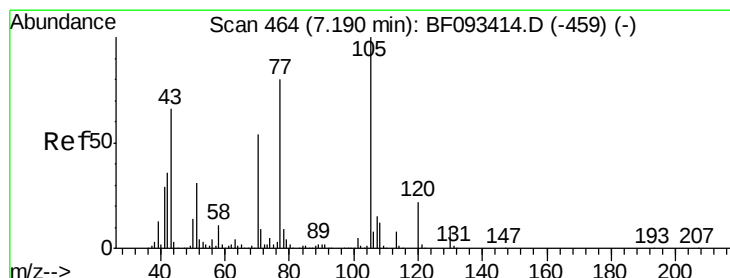
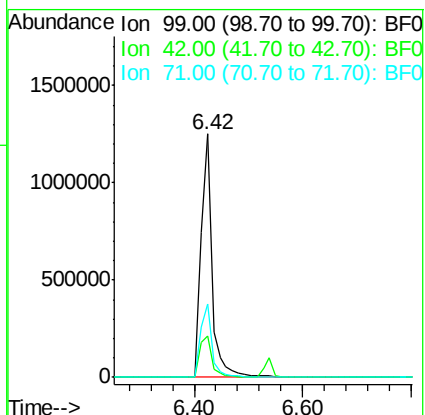
Tot Ion: 99 Resp: 1726195

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

71 30.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.73 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093462.D

Acq: 9 Mar 2017 8:05

Tgt Ion: 70 Resp: 146095

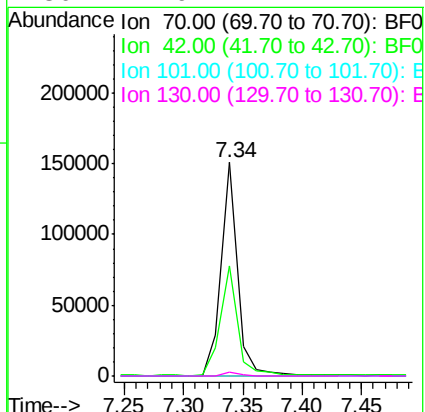
Ion Ratio Lower Upper

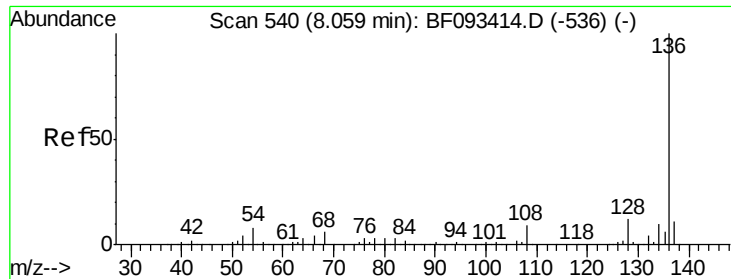
70 100

42 51.6 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

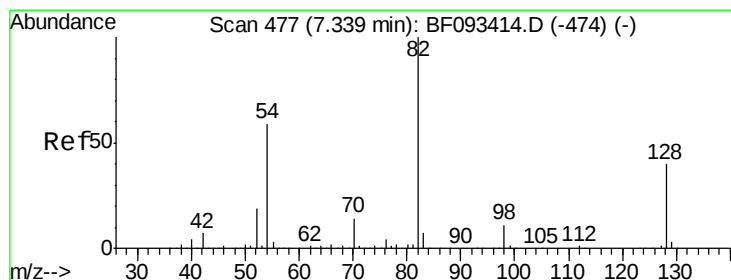
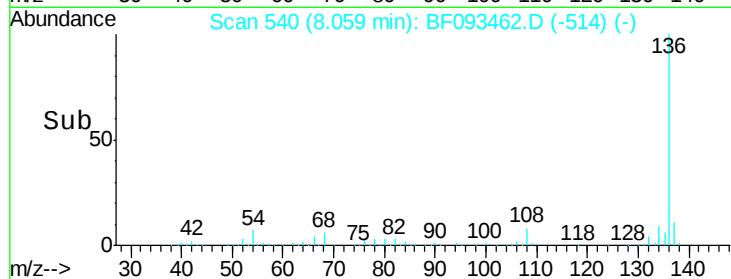
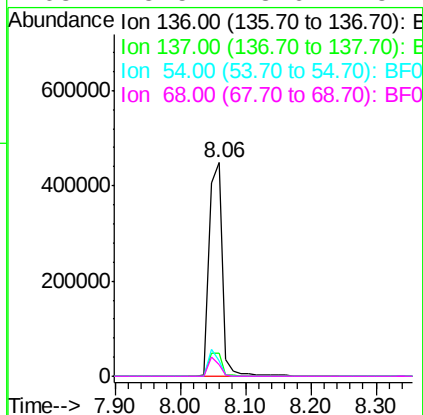
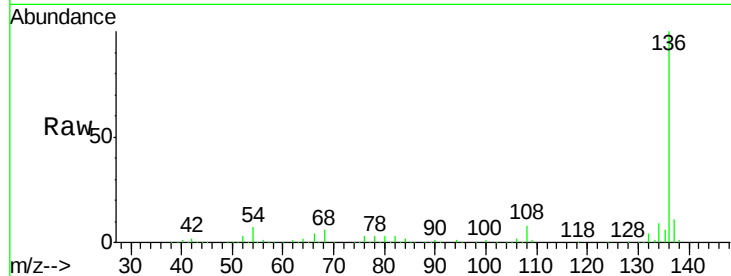




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

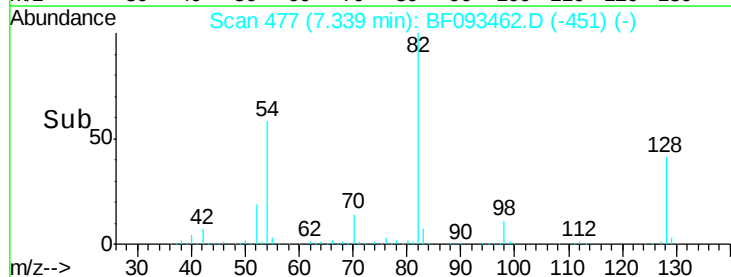
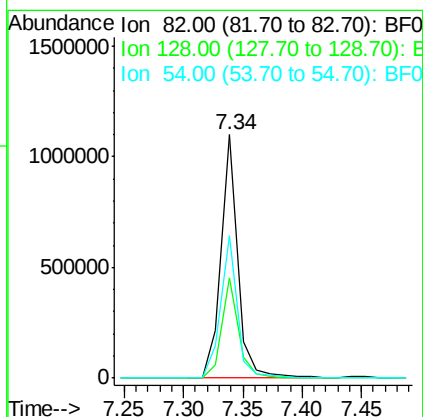
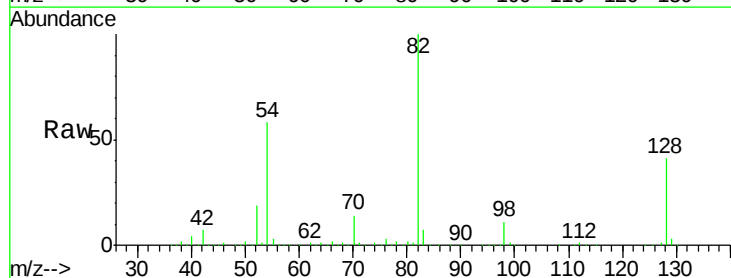
Instrument :
BNA_F
ClientSampleId :

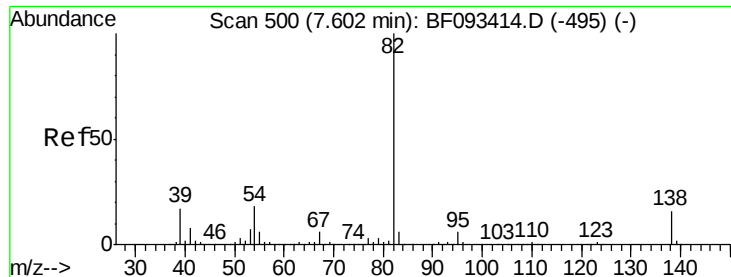
Tot Ion:	136	Resp:	638293
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.1	4.5	6.7#
68	5.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 93.61 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

Tgt Ion:	82	Resp:	1076864
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	58.4	39.5	59.3





#25

Isophorone

Concen: 39.13 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093462.D

Acq: 9 Mar 2017 8:05

Instrument :

BNA_F

ClientSampleID :

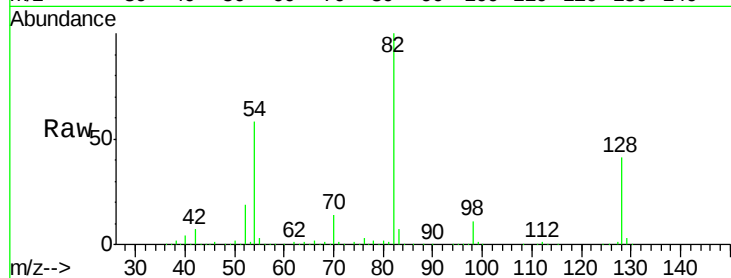
Tot Ion: 82 Resp: 907665

Ion Ratio Lower Upper

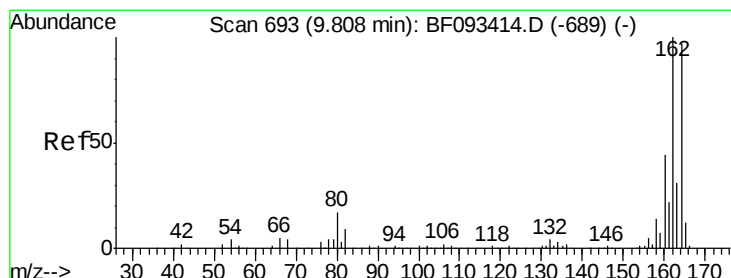
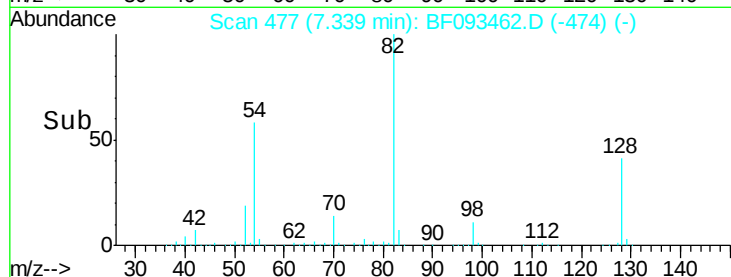
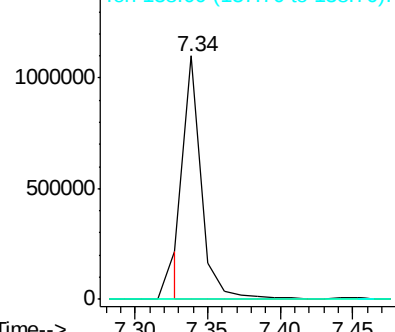
82 100

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: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093462.D

Acq: 9 Mar 2017 8:05

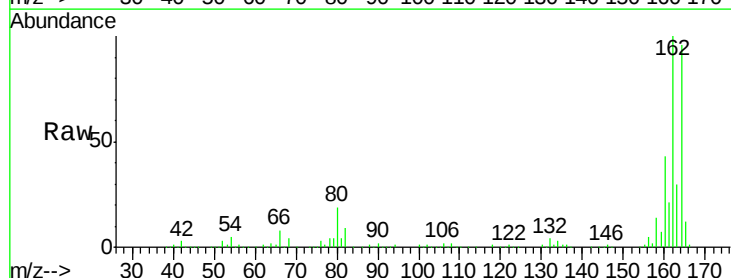
Tgt Ion: 164 Resp: 280066

Ion Ratio Lower Upper

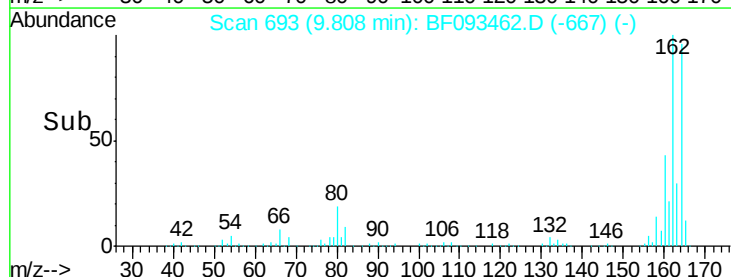
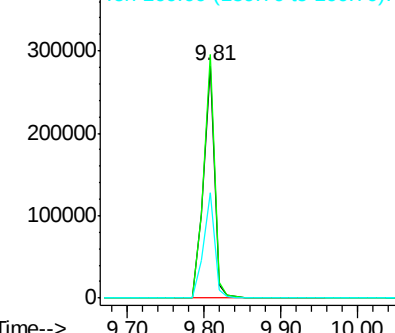
164 100

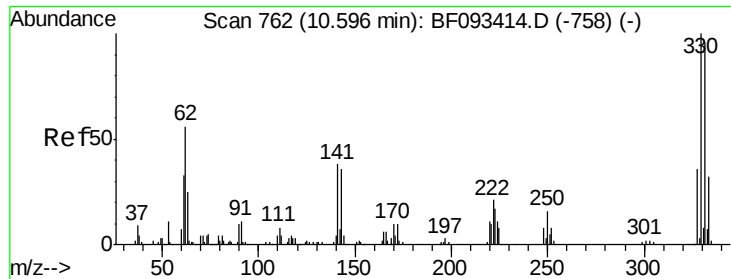
162 104.6 80.2 120.2

160 45.1 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

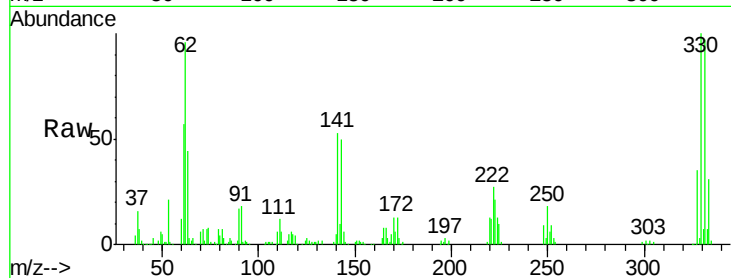




#41
 2,4,6-Tribromophenol
 Concen: 121.03 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093462.D
 Acq: 9 Mar 2017 8:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.2
141	43.4	34.1	51.1

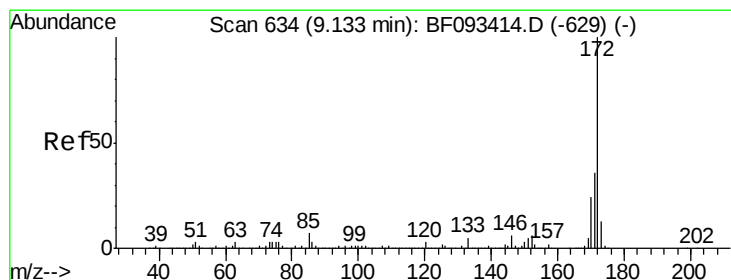
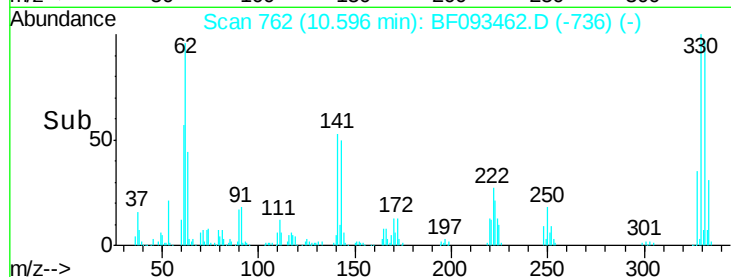
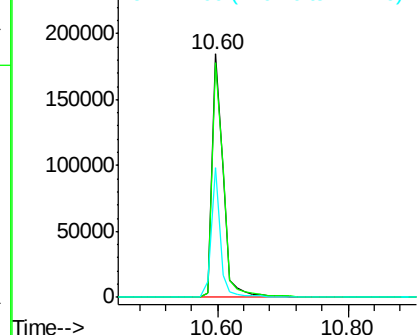


Abundance

Ion 329.80 (329.50 to 330.50): E

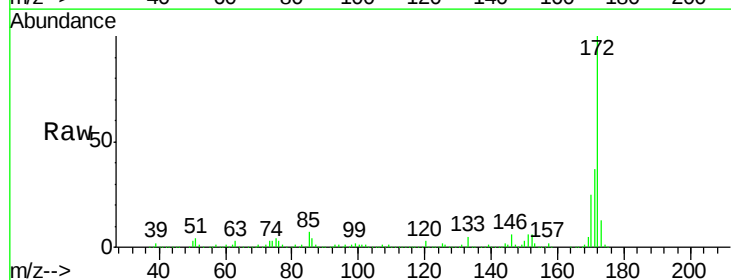
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 115.24 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093462.D
 Acq: 9 Mar 2017 8:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.0	20.2	30.4

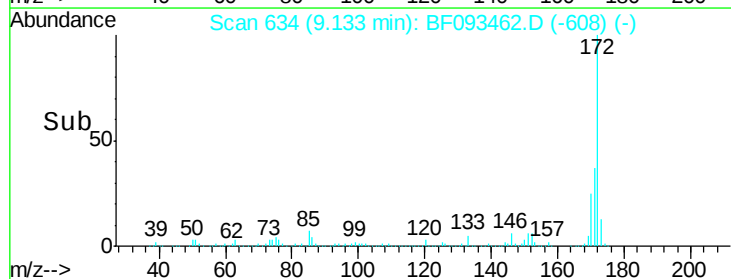
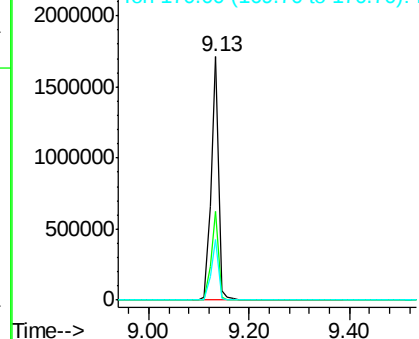


Abundance

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

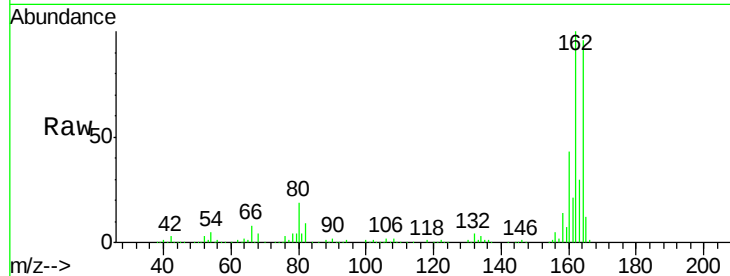




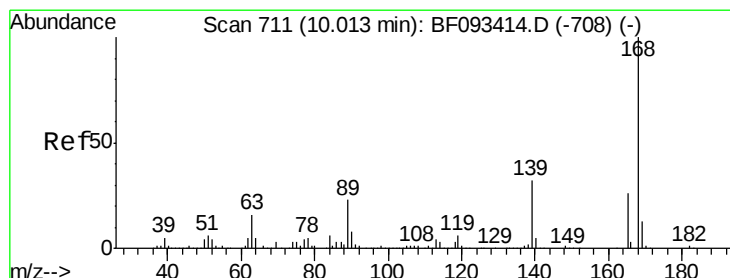
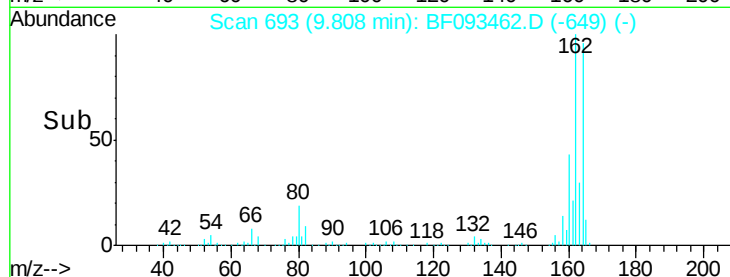
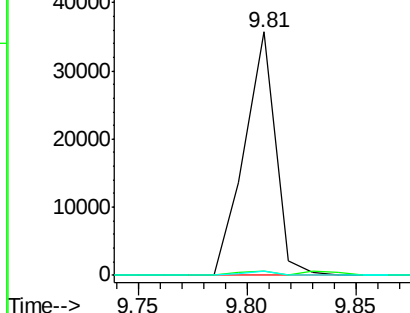
#50
2,6-Dinitrotoluene
Concen: 8.73 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.21 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 35548
Ion Ratio Lower Upper
165 100
63 1.7 36.2 54.4#
89 1.8 40.2 60.4#

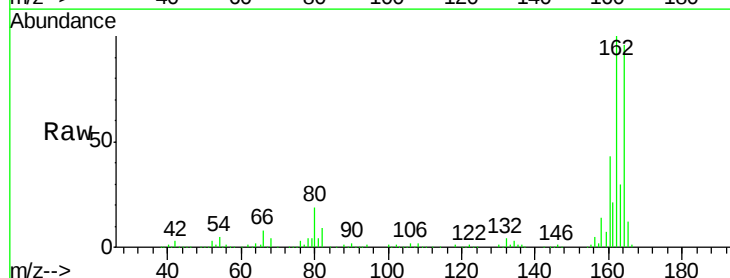


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

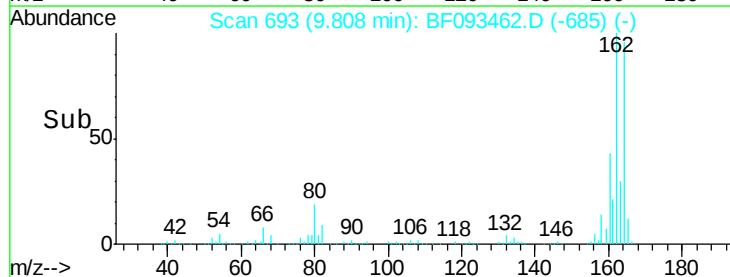
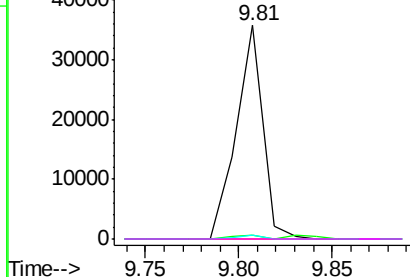


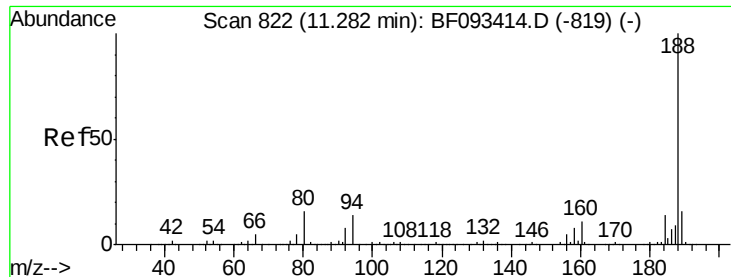
#56
2,4-Dinitrotoluene
Concen: 7.10 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.21 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

Tgt Ion:165 Resp: 35550
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 1.8 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

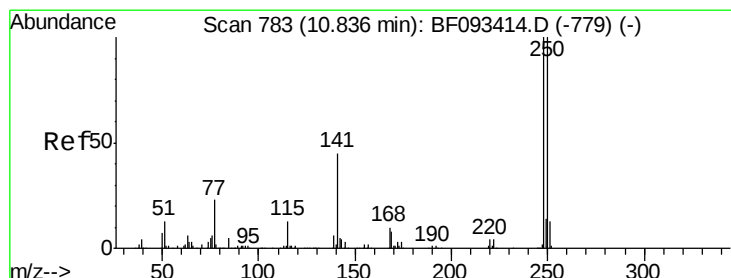
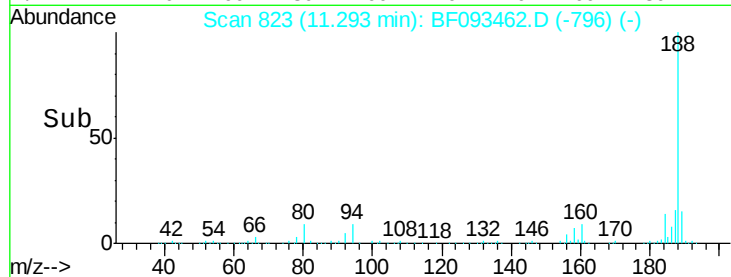
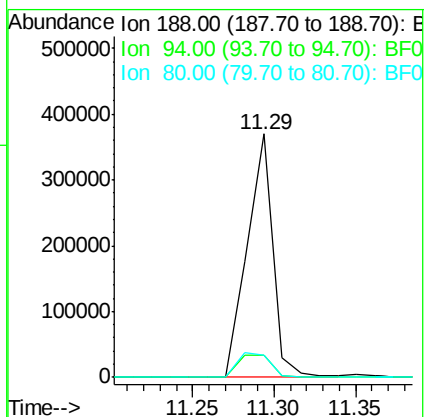
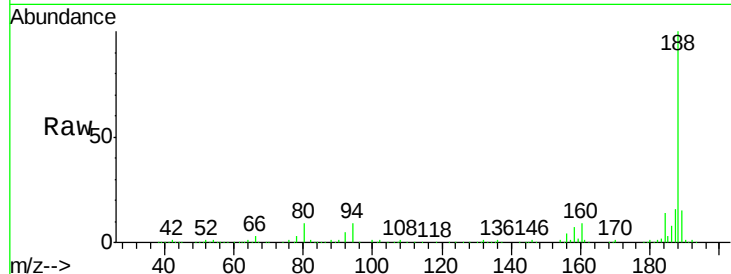




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

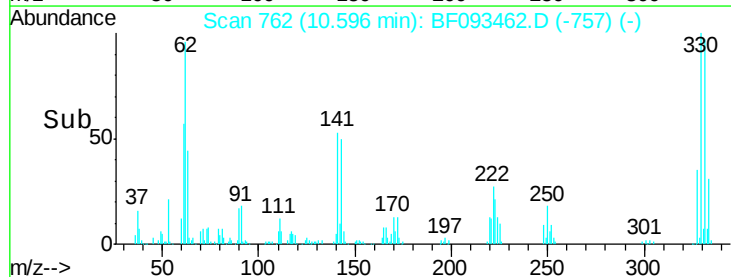
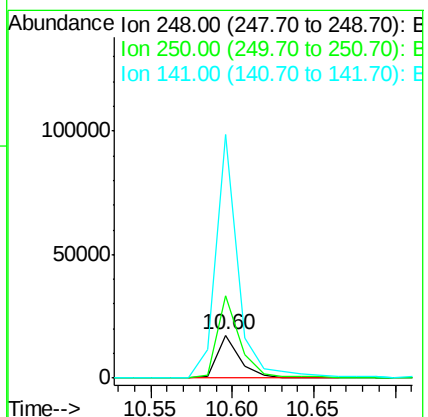
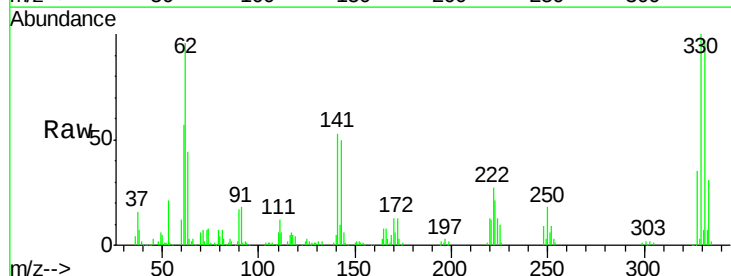
Instrument :
BNA_F
ClientSampleId :

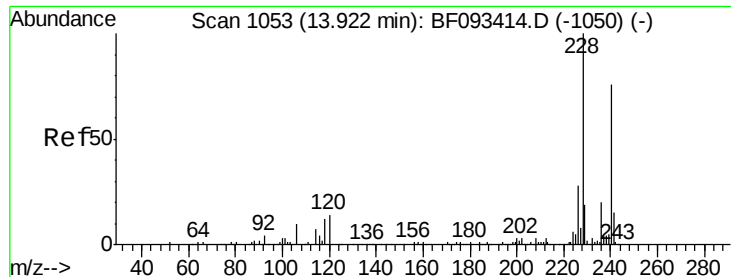
Tot Ion:188 Resp: 402575
Ion Ratio Lower Upper
188 100
94 8.9 10.0 15.0#
80 9.1 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

Tgt Ion:248 Resp: 17045
Ion Ratio Lower Upper
248 100
250 190.7 76.9 115.3#
141 564.2 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093462.D

Acq: 9 Mar 2017 8:05

Instrument :

BNA_F

ClientSampleId :

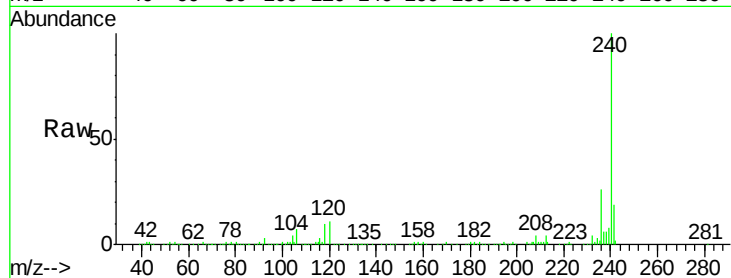
Tot Ion:240 Resp: 352246

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

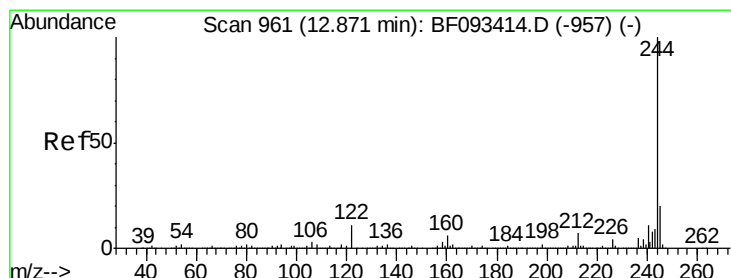
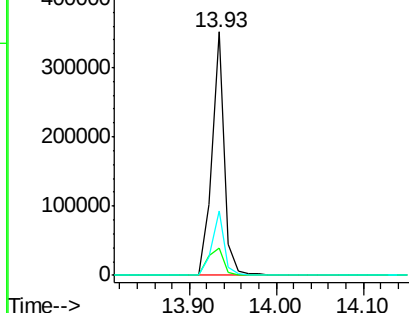
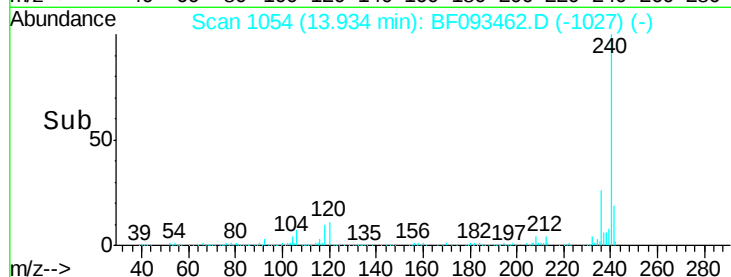
236 26.3 20.9 31.3



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: 77.84 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093462.D

Acq: 9 Mar 2017 8:05

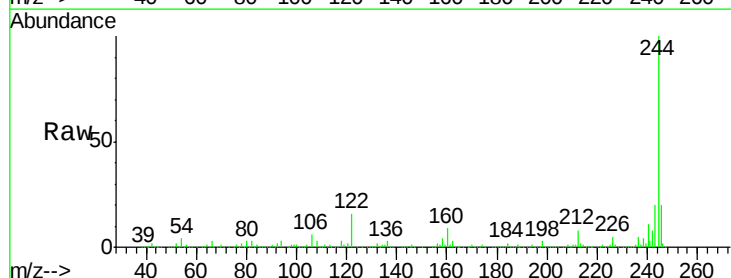
Tgt Ion:244 Resp: 1054537

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

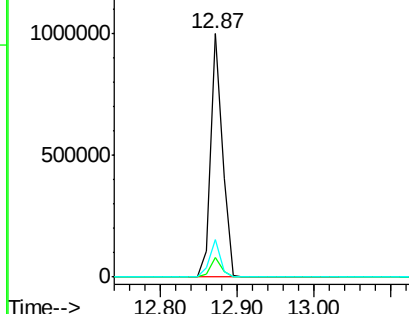
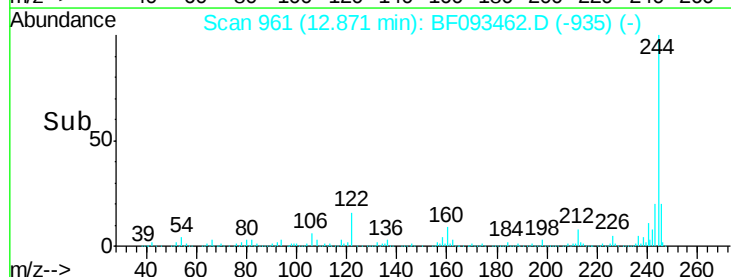
122 15.5 11.4 17.2

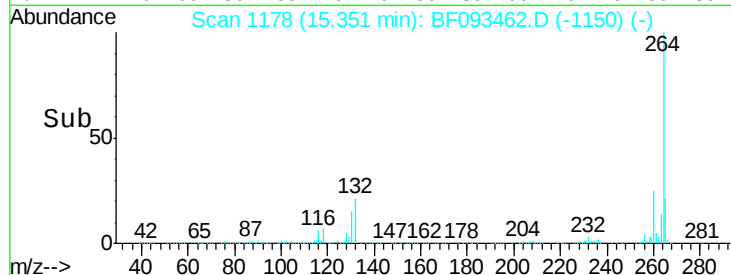
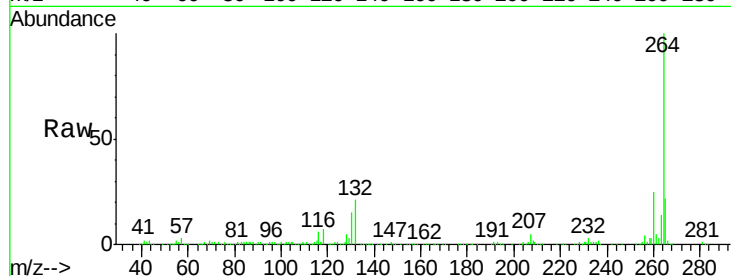
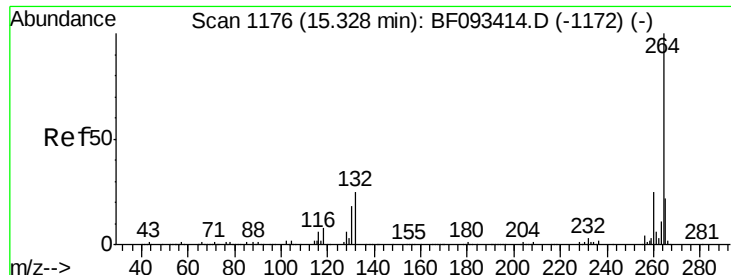


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	271042
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.6	17.4	26.0

