

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093473.D
 Acq On : 9 Mar 2017 13:05
 Operator : SJ/MA
 Sample : I2129-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 13:28:24 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

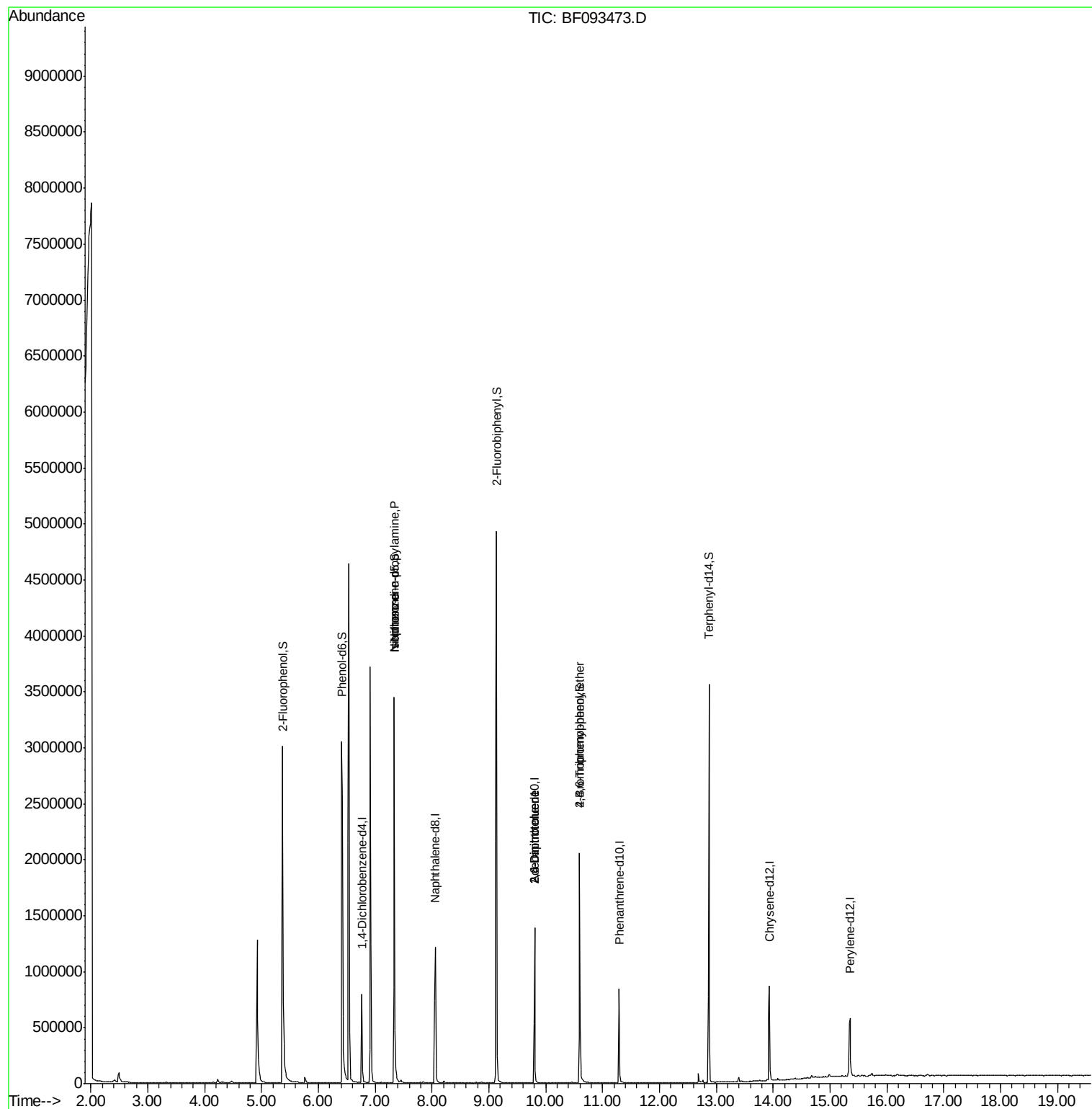
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	184801	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	705153	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	298001	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	428030	20.00	ng	0.01
75) Chrysene-d12	13.93	240	380220	20.00	ng	0.01
86) Perylene-d12	15.35	264	288101	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1406199	126.64	ng	0.02
7) Phenol-d6	6.41	99	1724712	123.18	ng	0.00
23) Nitrobenzene-d5	7.34	82	1169448	92.02	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	227302	117.07	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1700085	106.11	ng	0.00
78) Terphenyl-d14	12.87	244	1046891	71.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	2447	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	163844	17.02	ng	81
25) Isophorone	7.34	82	950797	37.10	ng	65
50) 2,6-Dinitrotoluene	9.81	165	37702	8.70	ng	31
56) 2,4-Dinitrotoluene	9.81	165	37704	7.08	ng	20
66) 4-Bromophenyl-phenylether	10.60	248	17196	3.80	ng	1

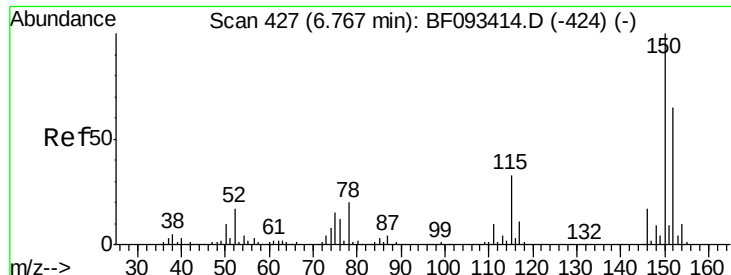
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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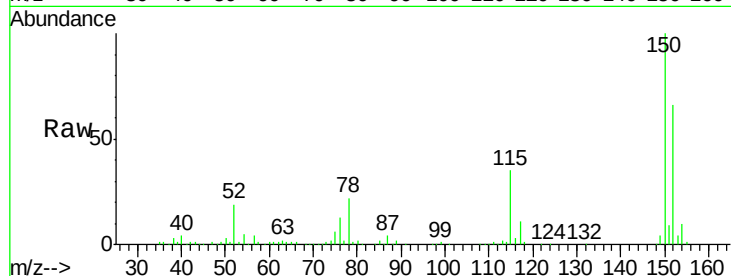


#1

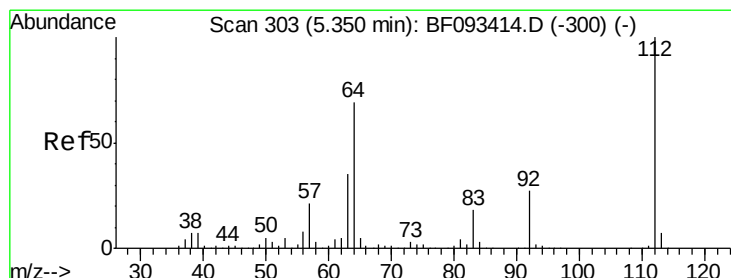
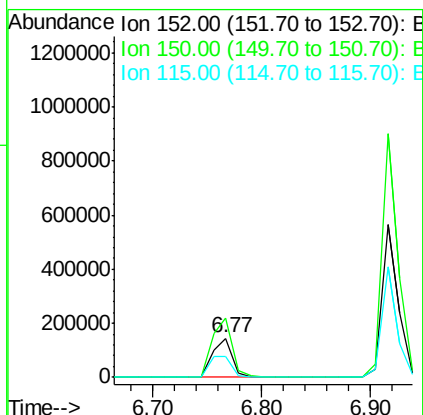
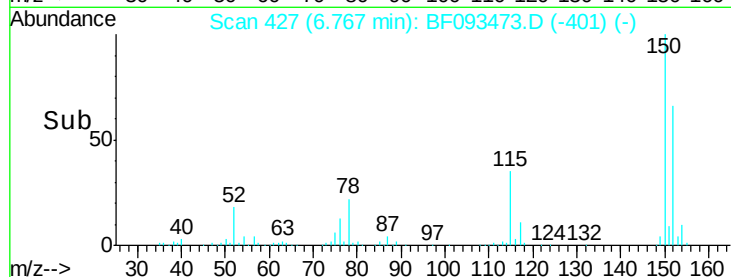
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 184801
Ion Ratio Lower Upper
152 100
150 151.3 124.9 187.3
115 52.5 46.0 69.0



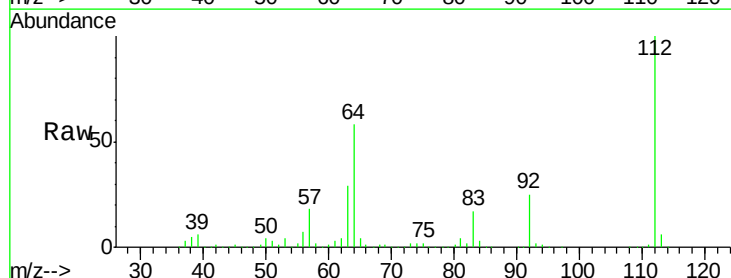
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



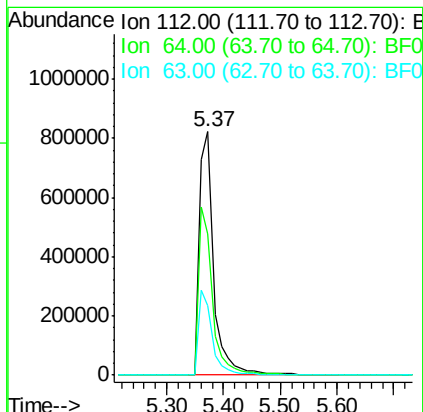
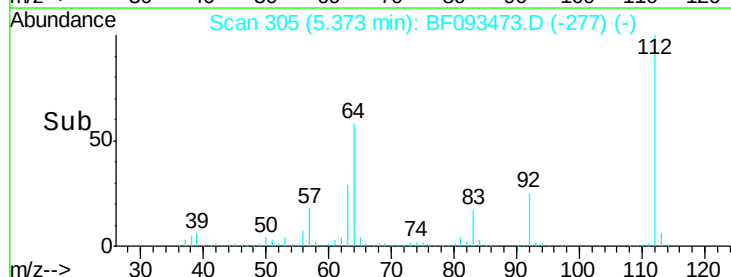
#5

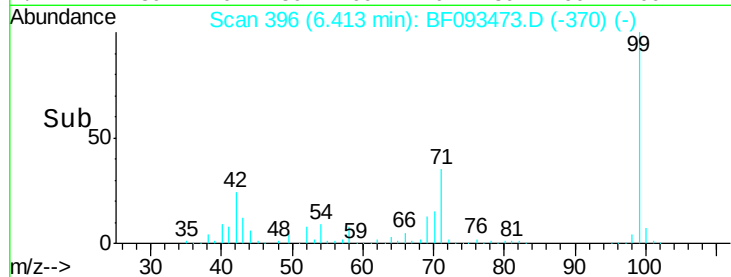
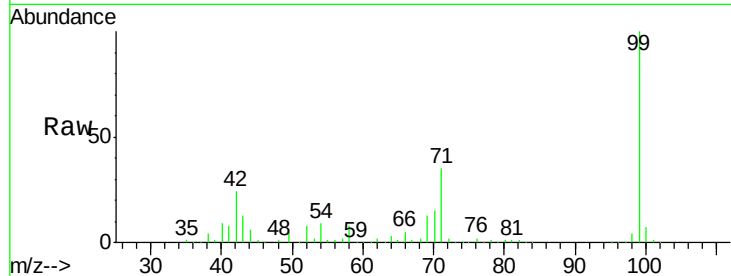
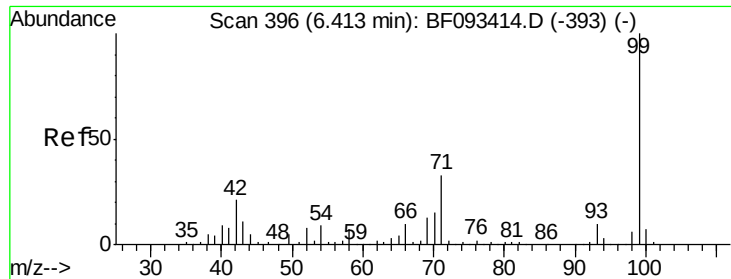
2-Fluorophenol
Concen: 126.64 ng
RT: 5.37 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

Tgt Ion:112 Resp: 1406199
Ion Ratio Lower Upper
112 100
64 57.8 46.1 69.1
63 28.7 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: 123.18 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093473.D

Acq: 9 Mar 2017 13:05

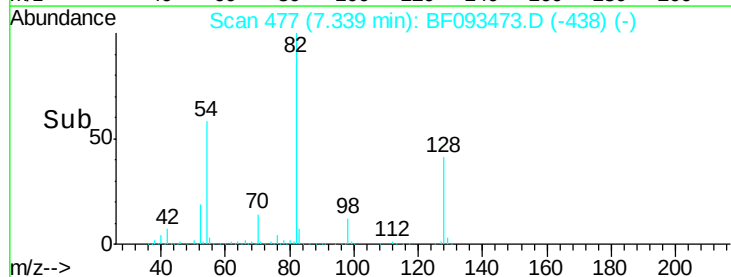
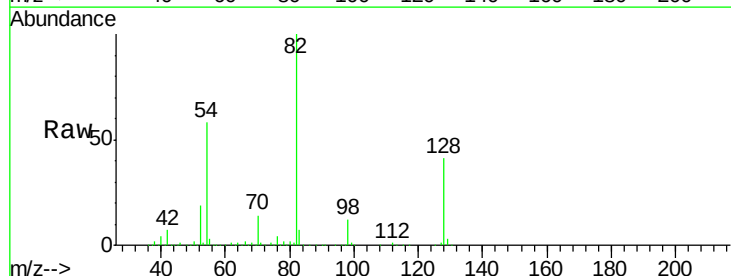
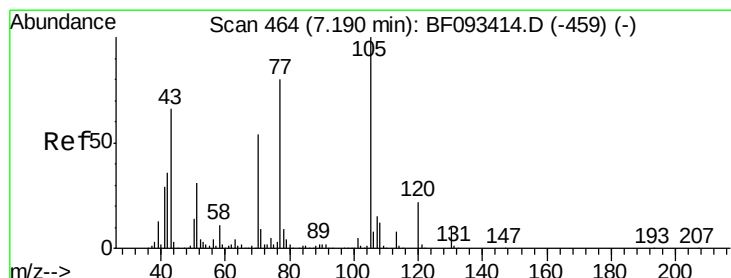
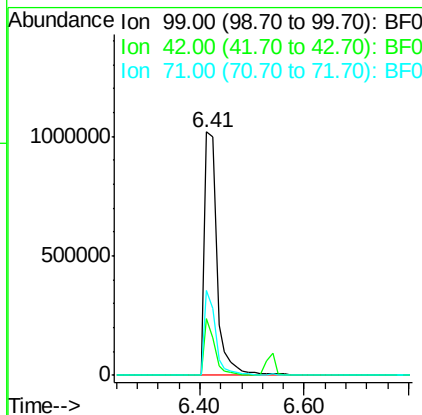
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1724712

Ion	Ratio	Lower	Upper
99	100		
42	23.6	15.6	23.4#
71	34.7	27.5	41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.02 ng

RT: 7.34 min Scan# 477

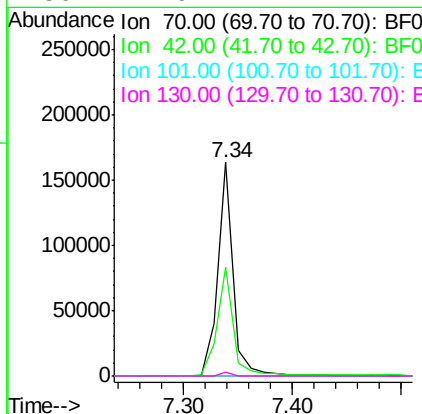
Delta R.T. 0.15 min

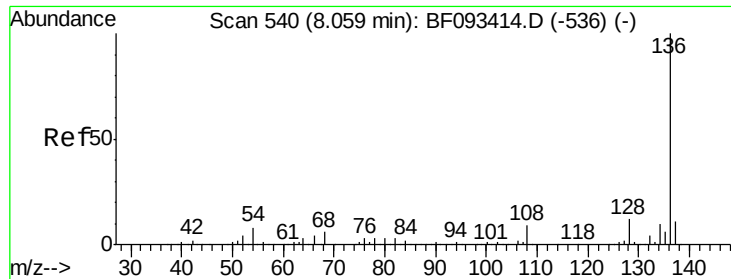
Lab File: BF093473.D

Acq: 9 Mar 2017 13:05

Tgt Ion: 70 Resp: 163844

Ion	Ratio	Lower	Upper
70	100		
42	51.2	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

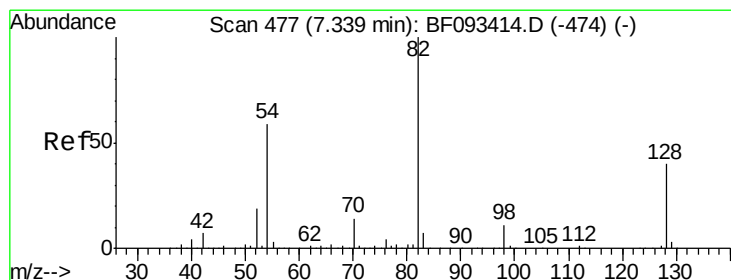
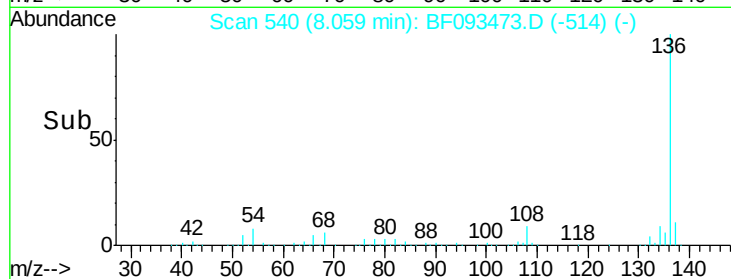
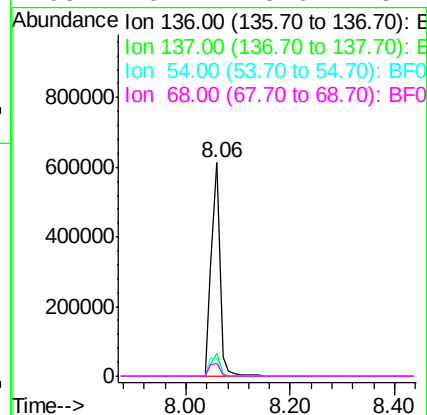
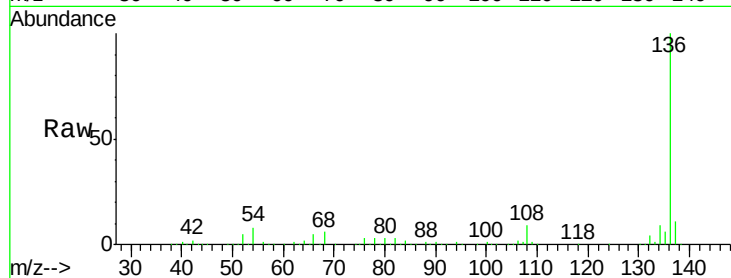




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

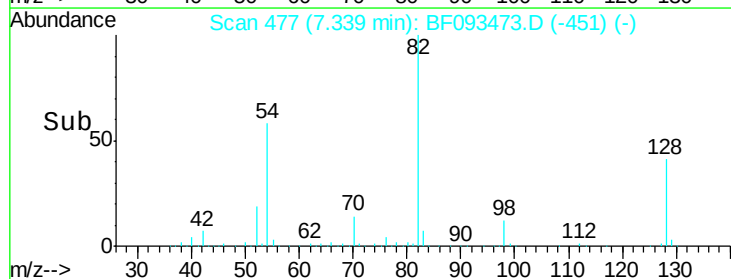
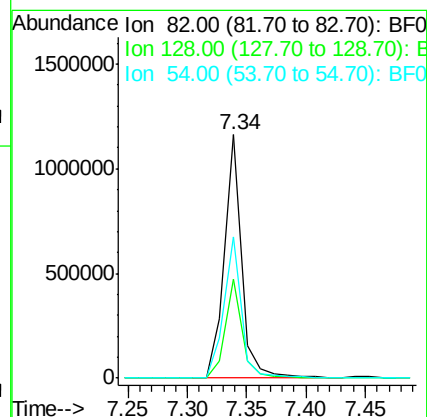
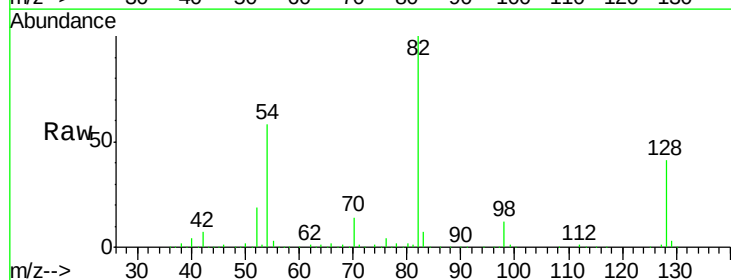
Instrument :
BNA_F
ClientSampleId :

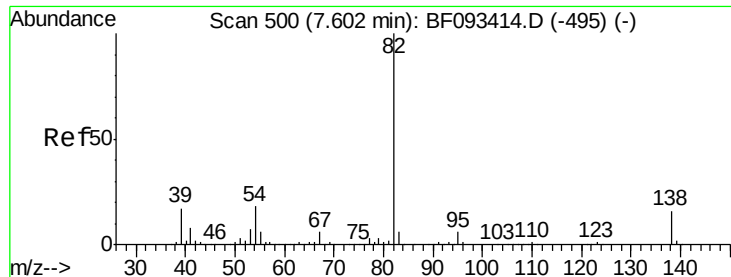
Tot Ion:	136	Resp:	705153
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.3	4.5	6.7#
68	6.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 92.02 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

Tgt Ion:	82	Resp:	1169448
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	52.0
54	58.1	39.5	59.3





#25

Isophorone

Concen: 37.10 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093473.D

Acq: 9 Mar 2017 13:05

Instrument :

BNA_F

ClientSampleId :

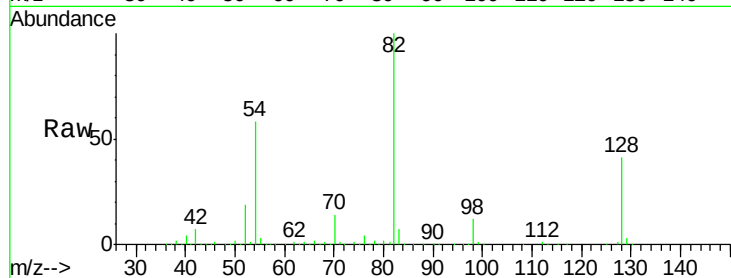
Tot Ion: 82 Resp: 950797

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

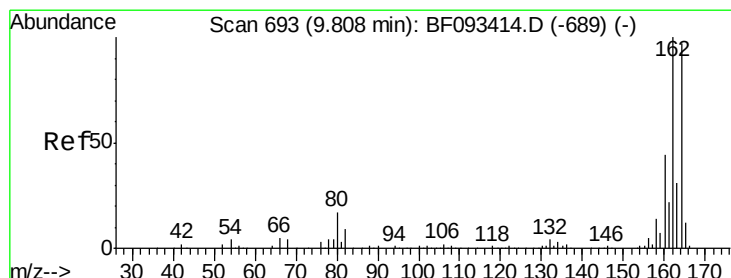
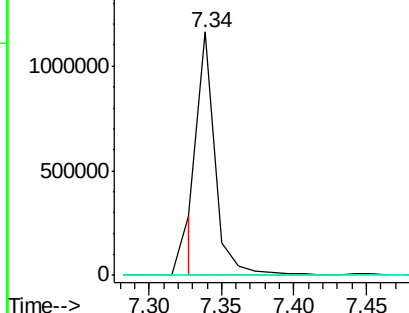
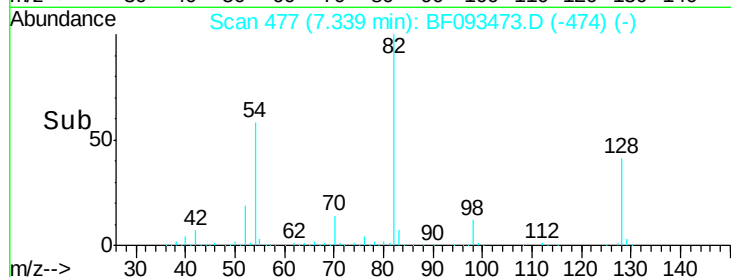
138 0.0 14.6 22.0#



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: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093473.D

Acq: 9 Mar 2017 13:05

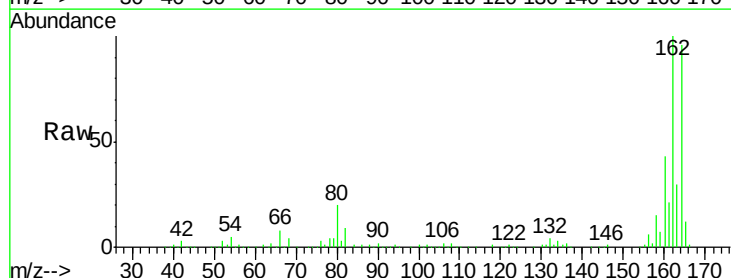
Tgt Ion: 164 Resp: 298001

Ion Ratio Lower Upper

164 100

162 104.0 80.2 120.2

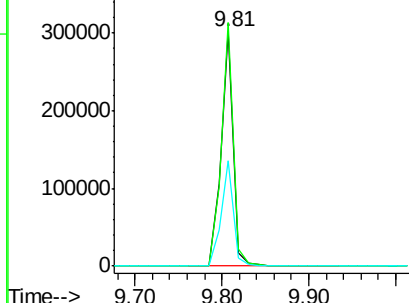
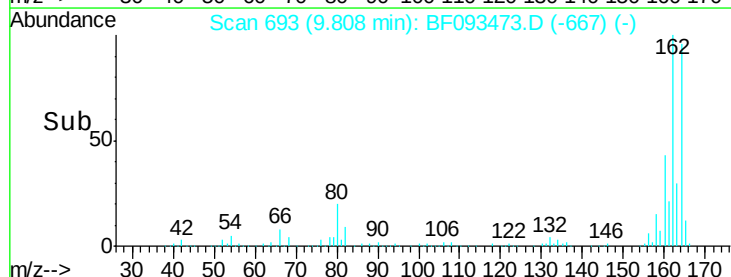
160 45.1 36.9 55.3

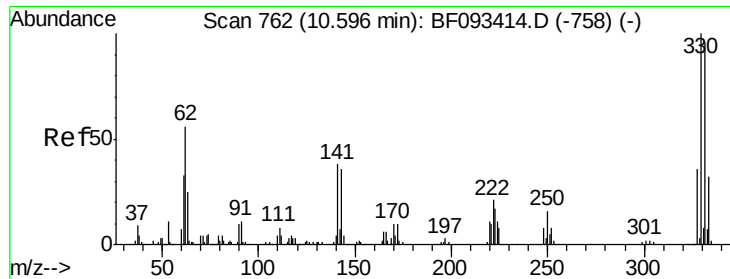


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

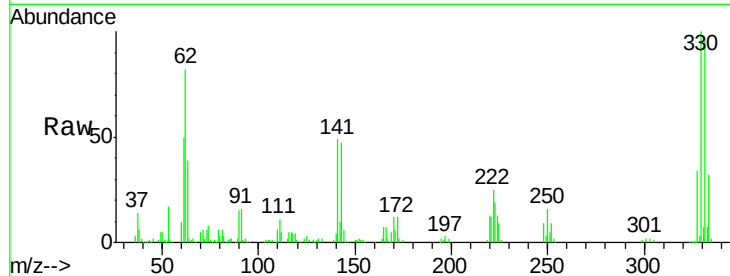




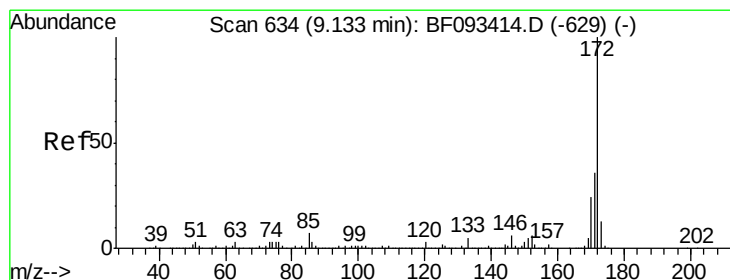
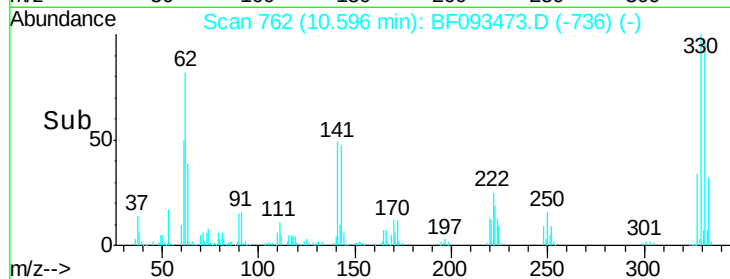
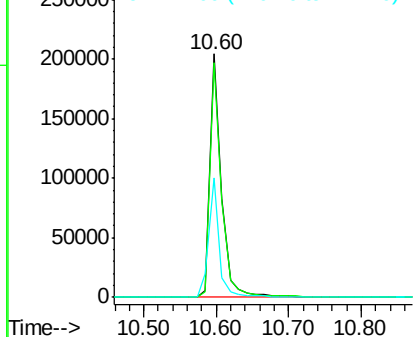
#41
 2,4,6-Tribromophenol
 Concen: 117.07 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093473.D
 Acq: 9 Mar 2017 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 227302
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 45.4 34.1 51.1

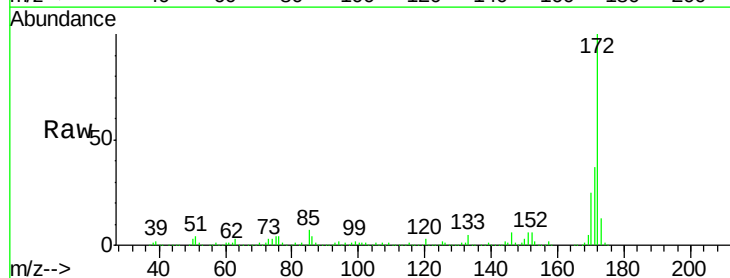


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

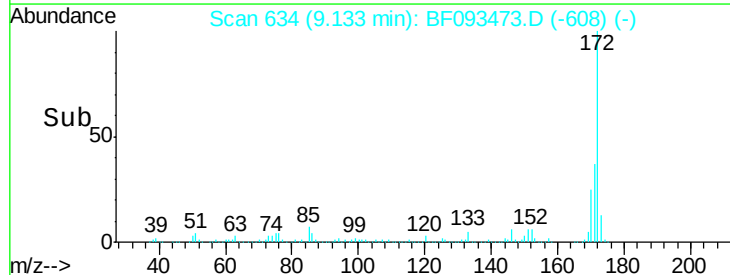
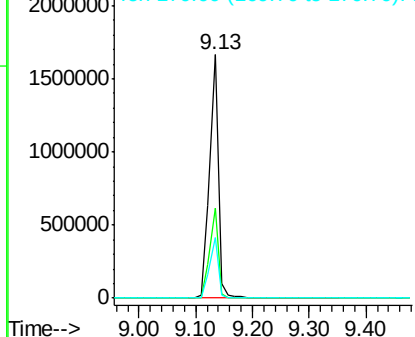


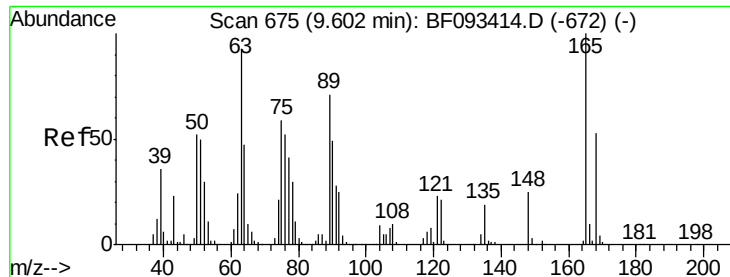
#44
 2-Fluorobiphenyl
 Concen: 106.11 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093473.D
 Acq: 9 Mar 2017 13:05

Tgt Ion:172 Resp: 1700085
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.8 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

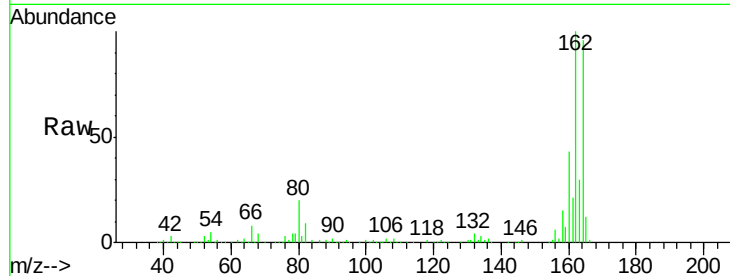




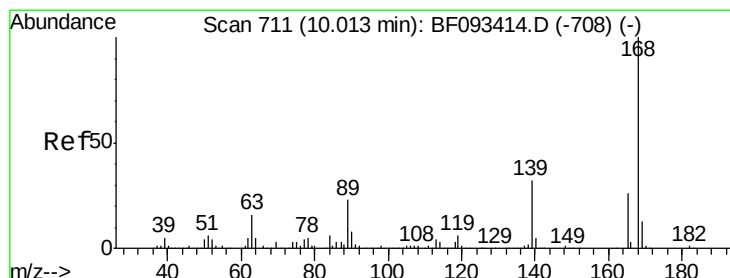
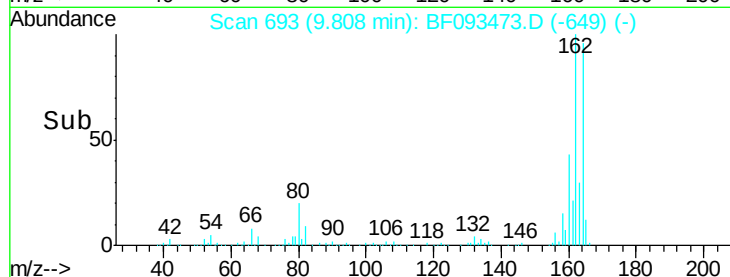
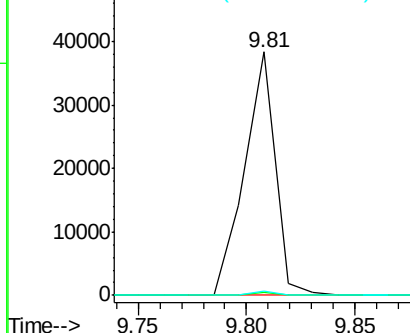
#50
2,6-Dinitrotoluene
Concen: 8.70 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.21 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 37702
Ion Ratio Lower Upper
165 100
63 1.1 36.2 54.4#
89 1.6 40.2 60.4#

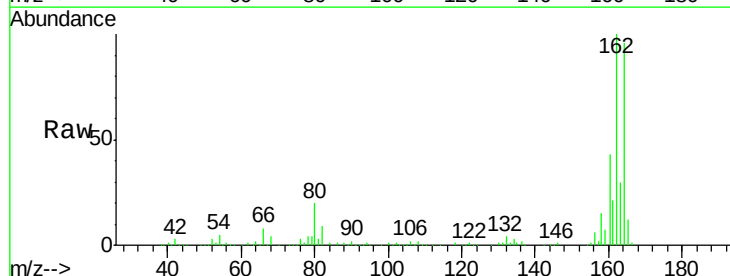


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

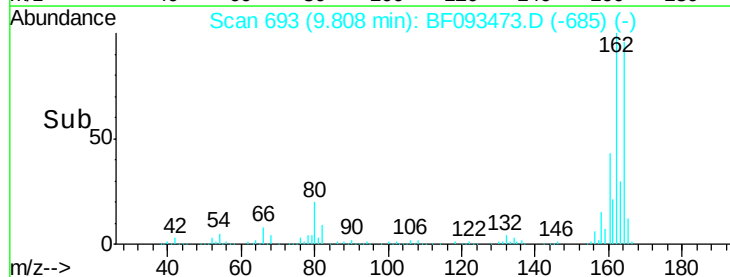
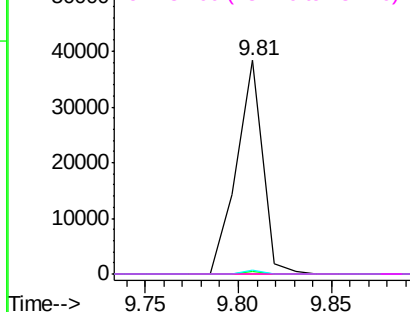


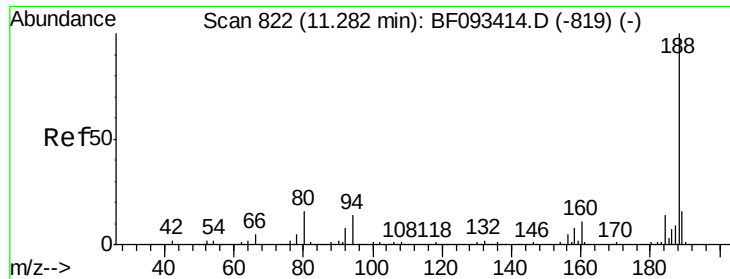
#56
2,4-Dinitrotoluene
Concen: 7.08 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.21 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

Tgt Ion:165 Resp: 37704
Ion Ratio Lower Upper
165 100
63 1.1 40.2 60.4#
89 1.6 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

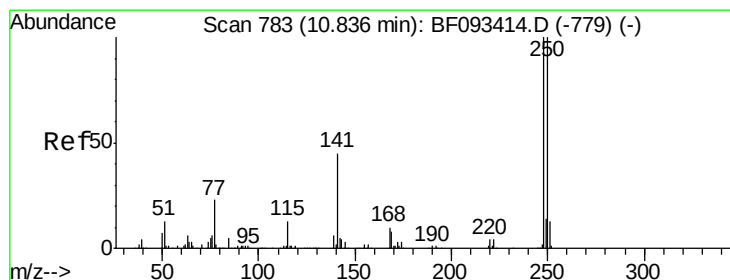
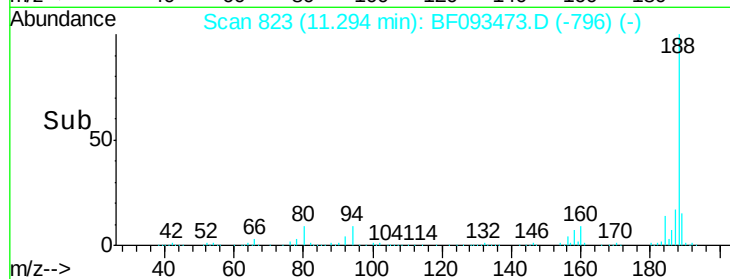
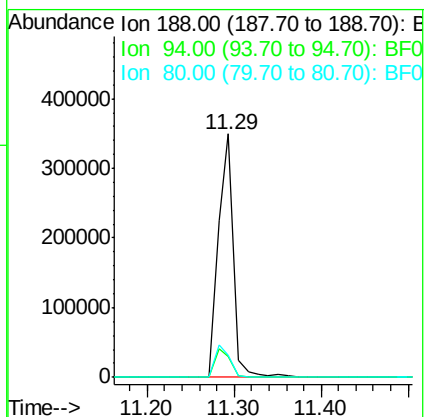
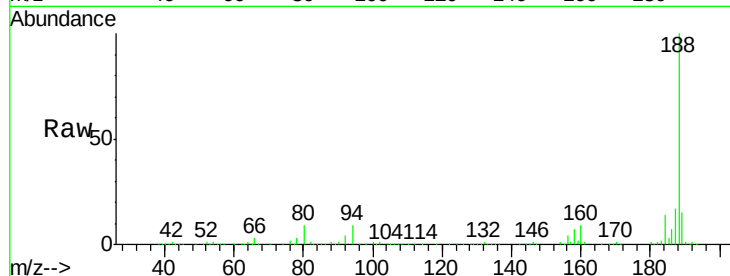




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

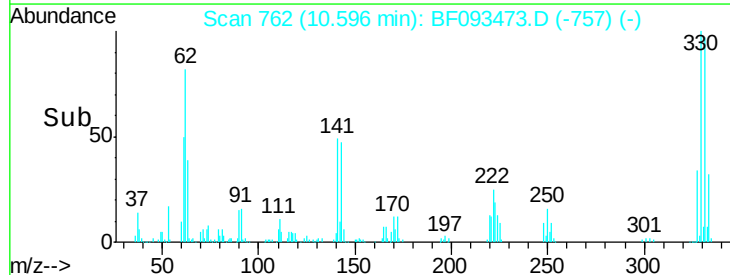
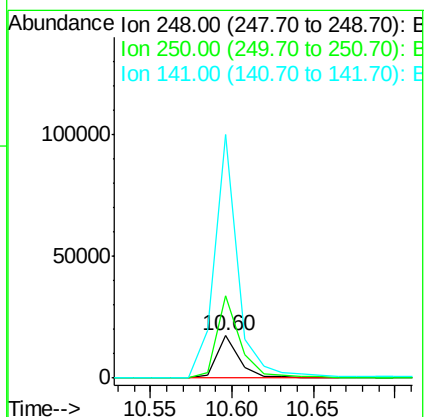
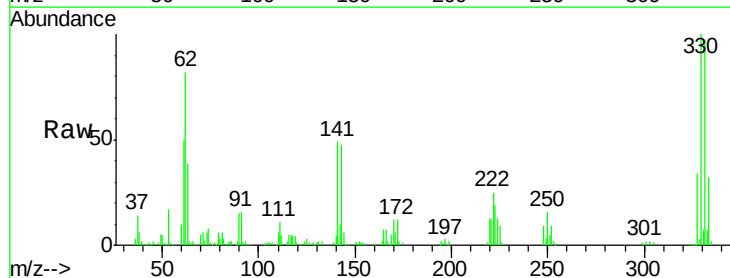
Instrument :
BNA_F
ClientSampleId :

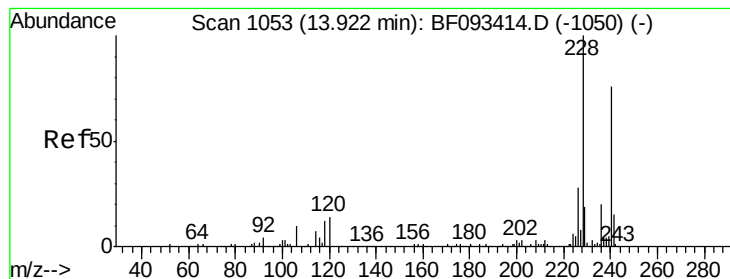
Tot Ion:188 Resp: 428030
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 8.9 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.80 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

Tgt Ion:248 Resp: 17196
Ion Ratio Lower Upper
248 100
250 193.2 76.9 115.3#
141 572.0 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: BF093473.D

Acq: 9 Mar 2017 13:05

Instrument :

BNA_F

ClientSampleId :

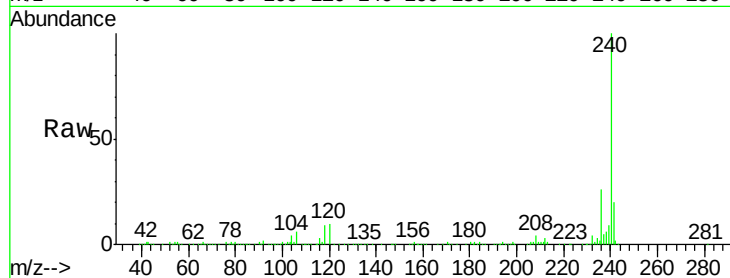
Tot Ion:240 Resp: 380220

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

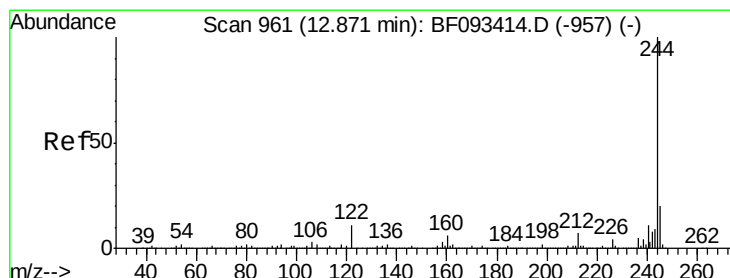
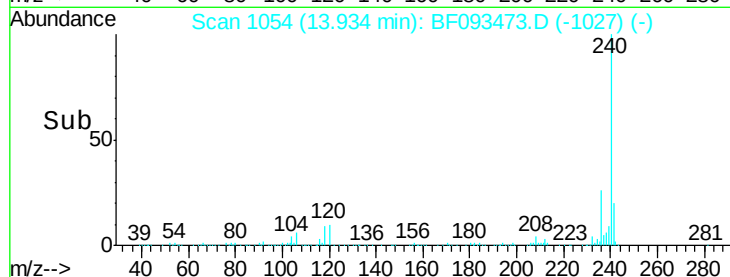
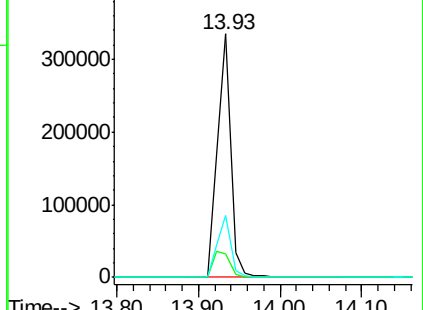
236 25.6 20.9 31.3



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: 71.59 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093473.D

Acq: 9 Mar 2017 13:05

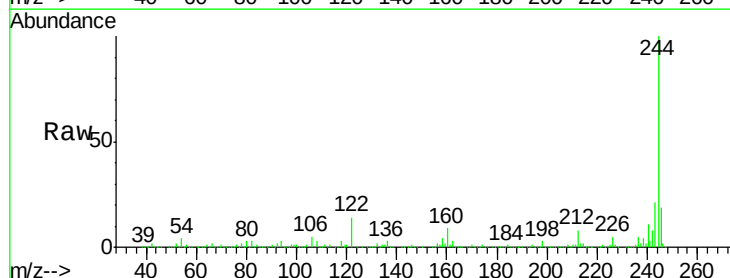
Tgt Ion:244 Resp: 1046891

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

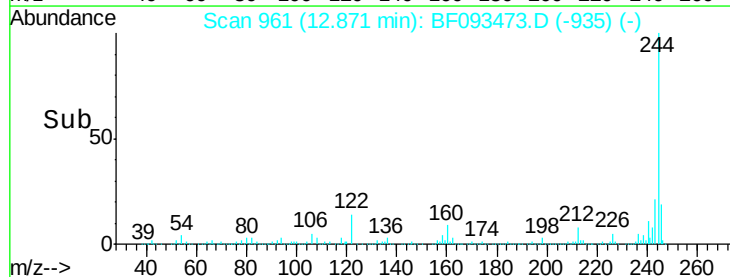
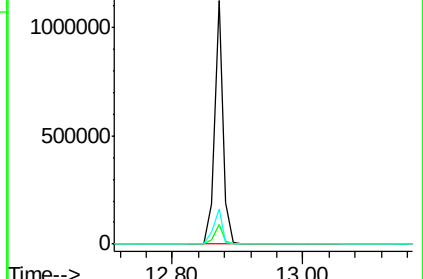
122 14.3 11.4 17.2

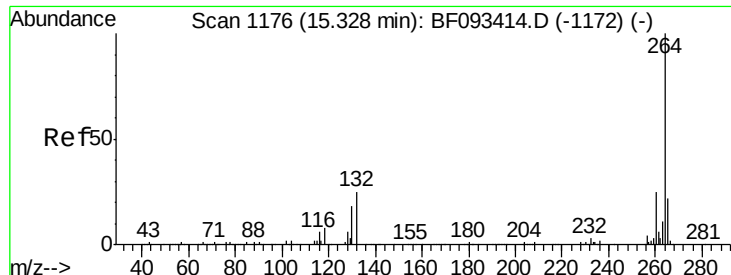


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF093473.D
Acq: 9 Mar 2017 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 288101

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.2	17.4	26.0

