

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093554.D
 Acq On : 11 Mar 2017 6:18
 Operator : SJ/MA
 Sample : PB97520TB
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 14:00:06 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

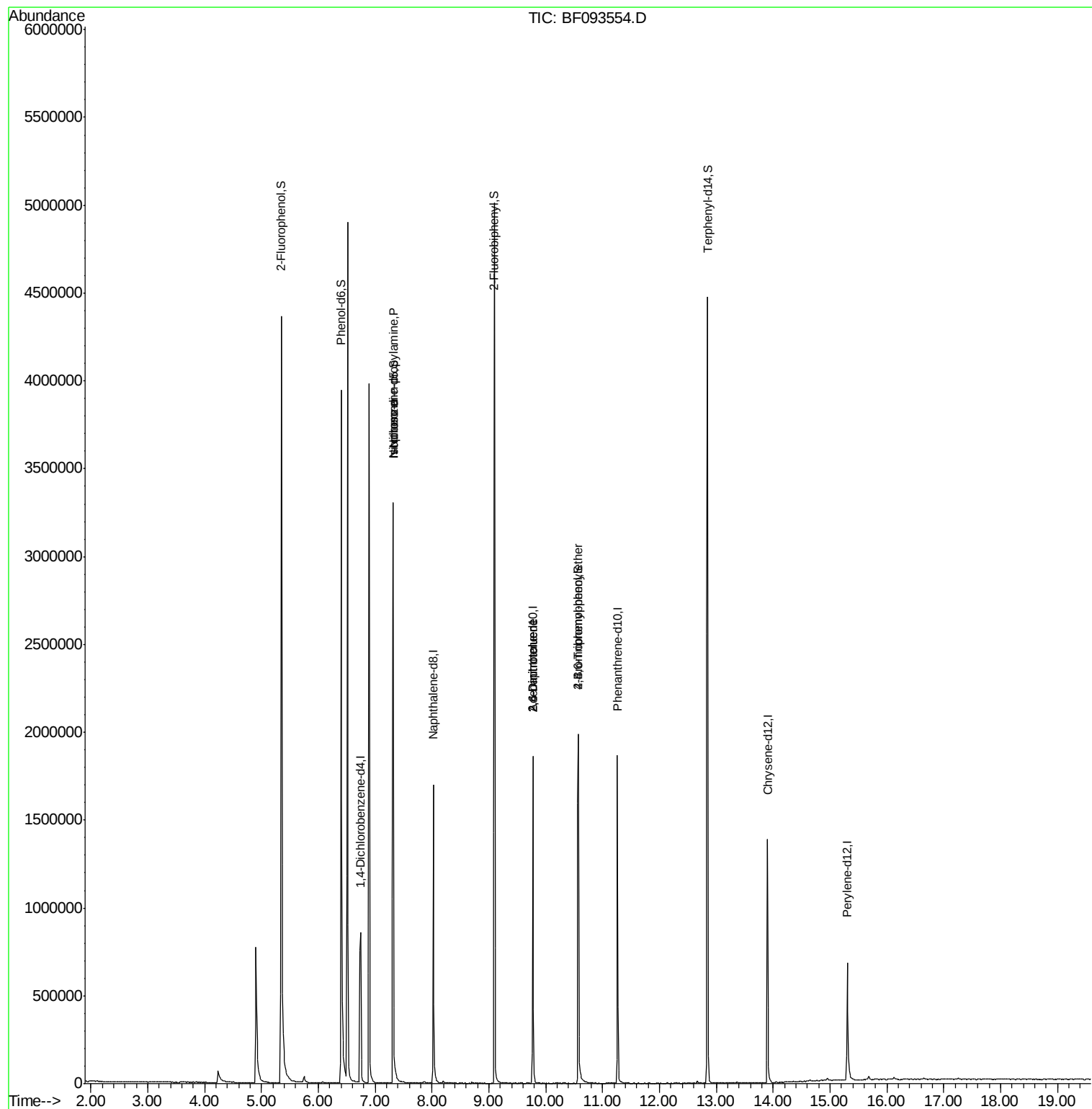
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	192707	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	790245	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	367440	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	692032	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	520863	20.00	ng	-0.02
86) Perylene-d12	15.31	264	333880	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1427379	123.28	ng	0.00
7) Phenol-d6	6.40	99	1719035	117.73	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1227001	86.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	311593	130.16	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1664752	84.27	ng	-0.03
78) Terphenyl-d14	12.85	244	1596401	79.69	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.40	77	2014	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	163012	16.24	ng	# 79
25) Isophorone	7.32	82	1228678	42.78	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	47388	8.87	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	47390	7.22	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	23652	3.23	ng	# 1

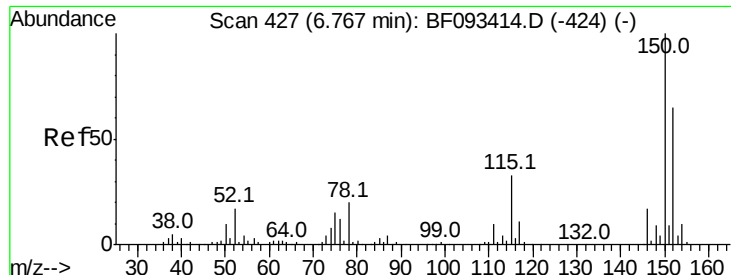
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 13 14:00:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
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QLast Update : Tue Mar 07 15:55:22 2017
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: BF093554.D

Acq: 11 Mar 2017 6:18

Instrument :

BNA_F

ClientSampled :

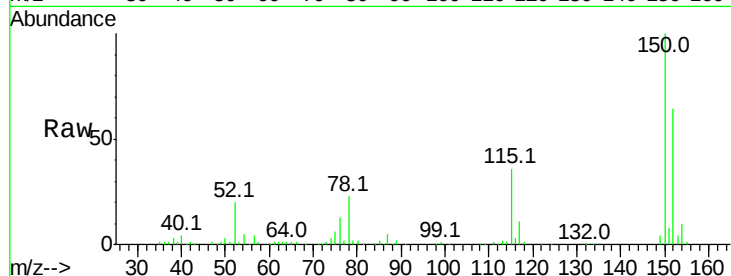
Tot Ion:152 Resp: 192707

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

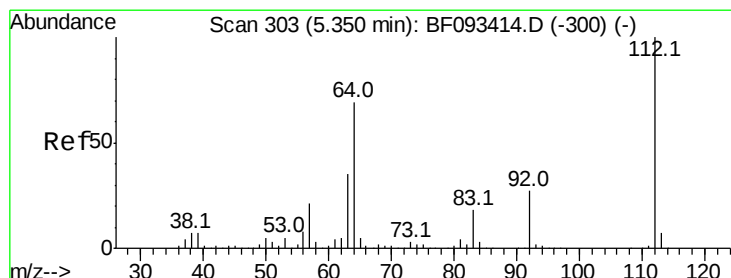
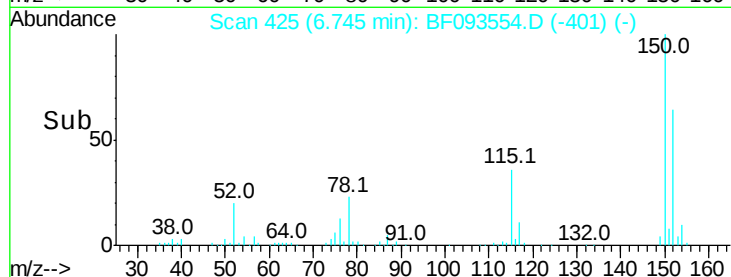
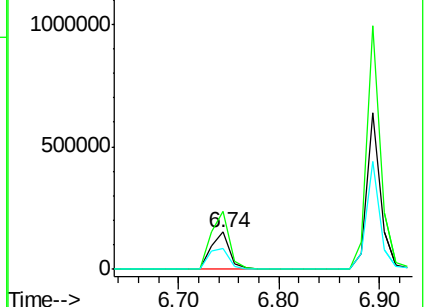
115 56.5 46.0 69.0



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: 123.28 ng

RT: 5.35 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF093554.D

Acq: 11 Mar 2017 6:18

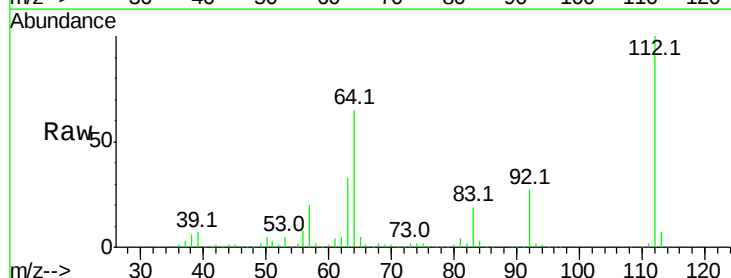
Tgt Ion:112 Resp: 1427379

Ion Ratio Lower Upper

112 100

64 65.4 46.1 69.1

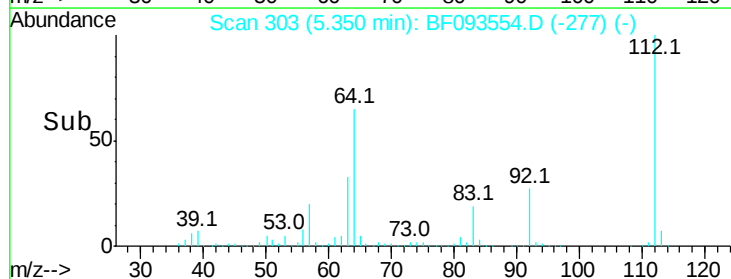
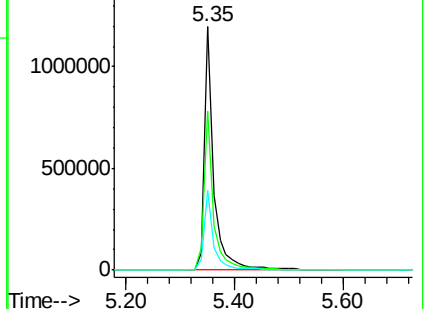
63 33.0 23.8 35.6

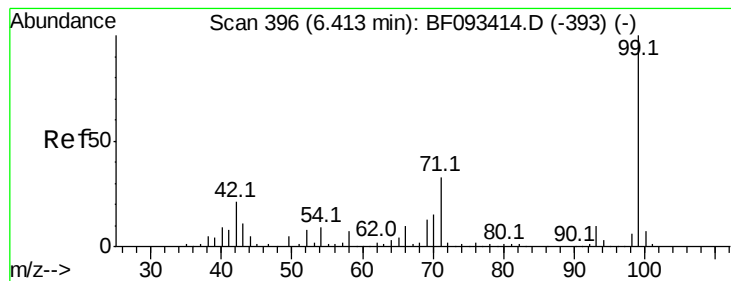


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.73 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093554.D

Acq: 11 Mar 2017 6:18

Instrument :

BNA_F

ClientSampleId :

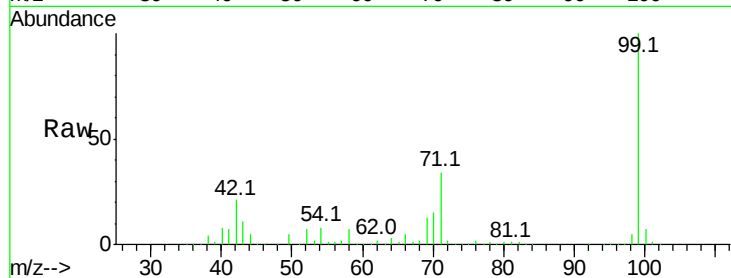
Tot Ion: 99 Resp: 1719035

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

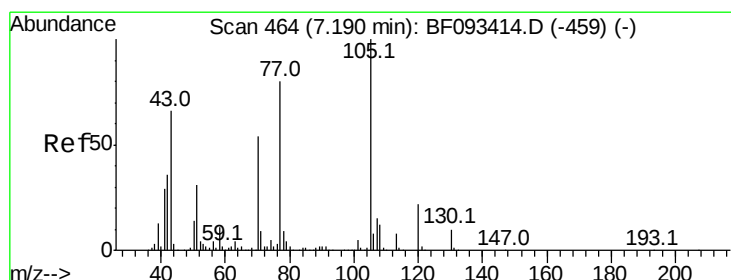
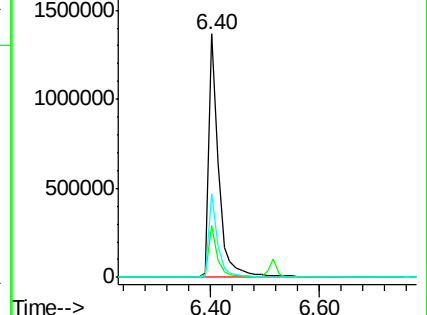
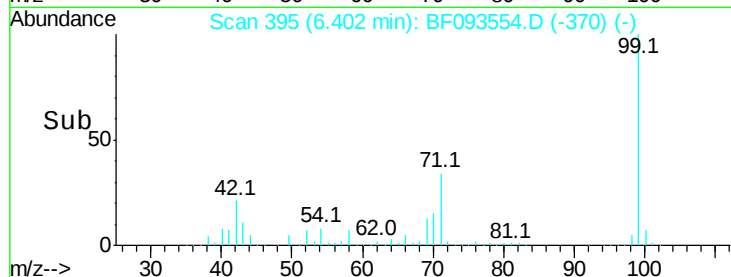
71 34.3 27.5 41.3



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: 16.24 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093554.D

Acq: 11 Mar 2017 6:18

Tgt Ion: 70 Resp: 163012

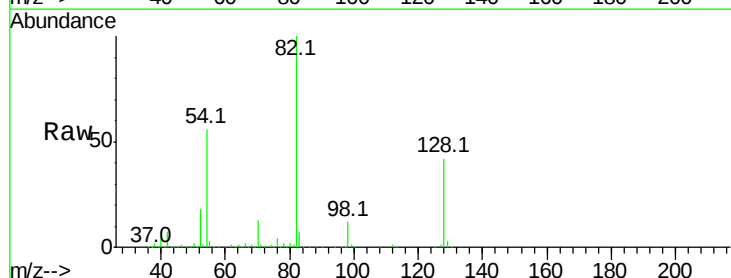
Ion Ratio Lower Upper

70 100

42 49.6 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

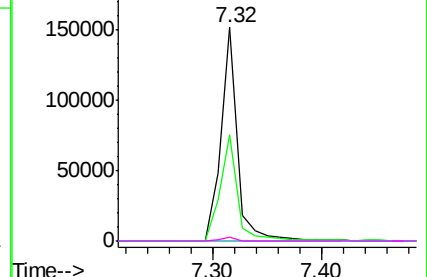
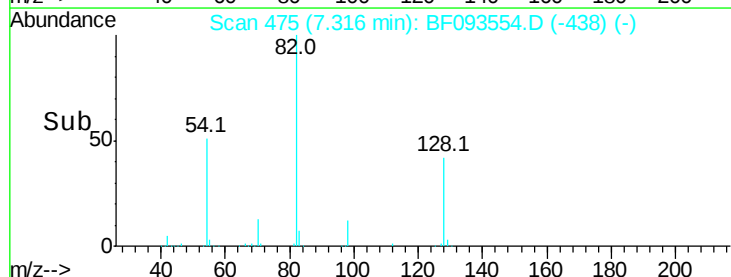


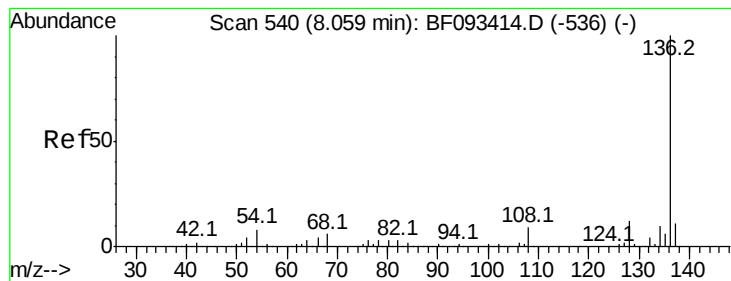
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF093554.D

Acq: 11 Mar 2017 6:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 790245

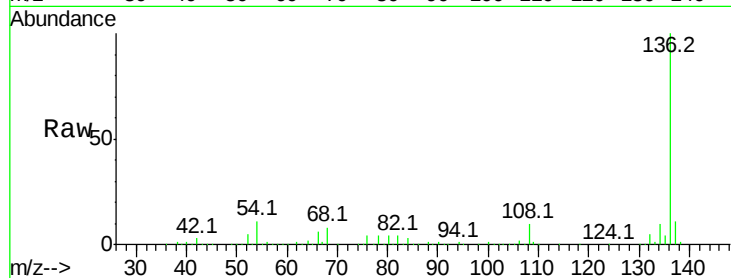
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.9 4.5 6.7#

68 7.9 3.6 5.4#

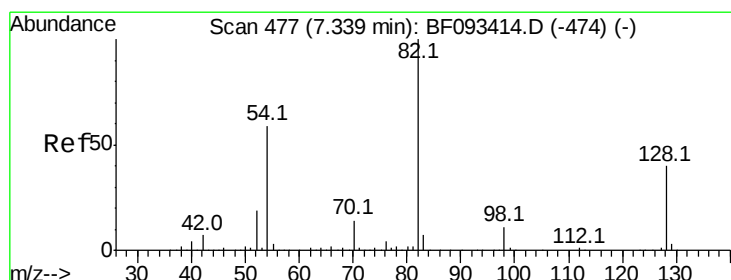
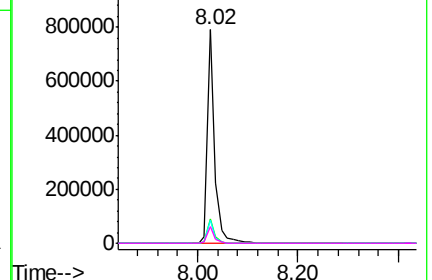
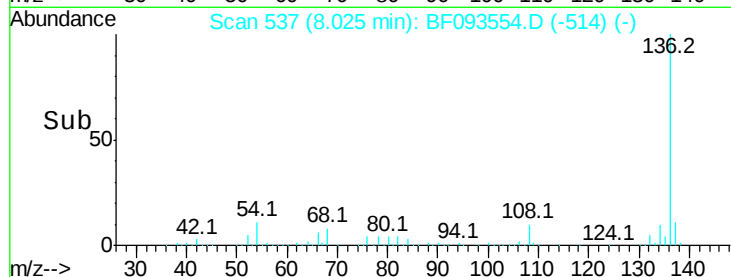


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.15 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF093554.D

Acq: 11 Mar 2017 6:18

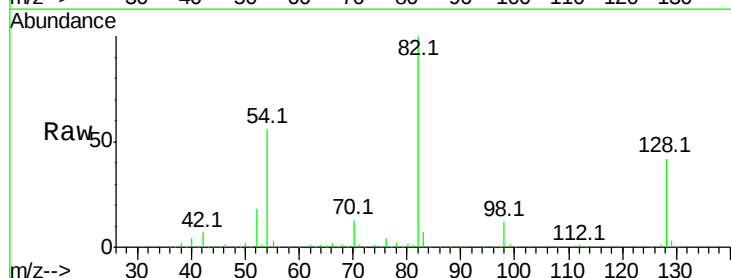
Tgt Ion: 82 Resp: 1227001

Ion Ratio Lower Upper

82 100

128 42.4 34.6 52.0

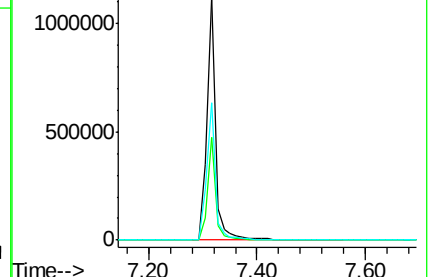
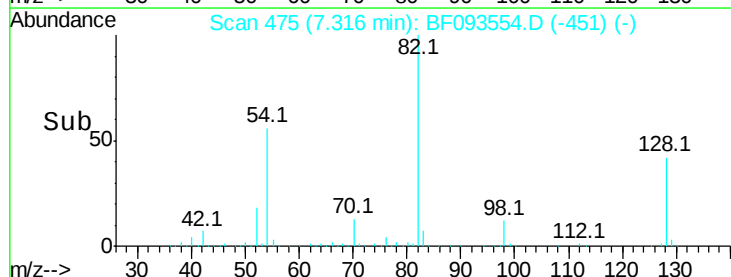
54 56.3 39.5 59.3

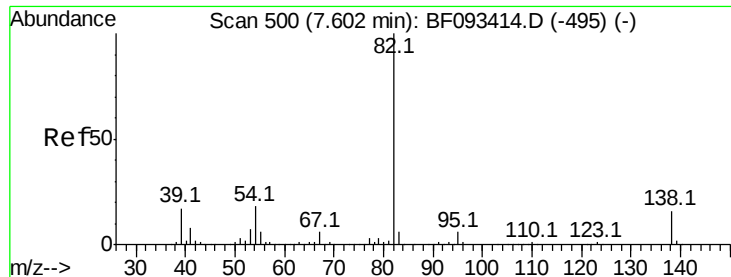


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

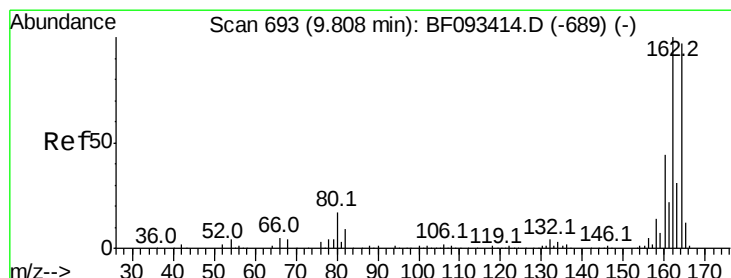
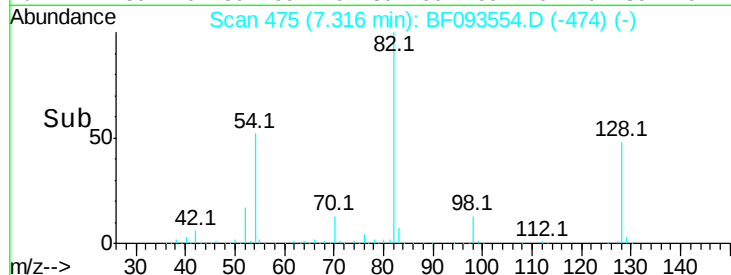
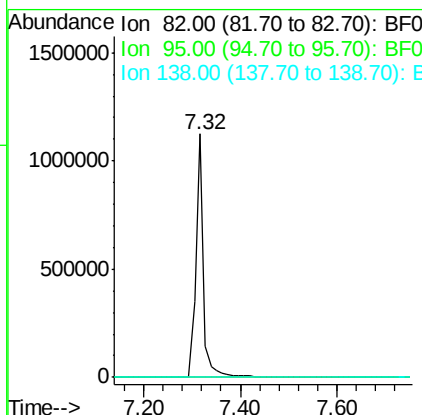
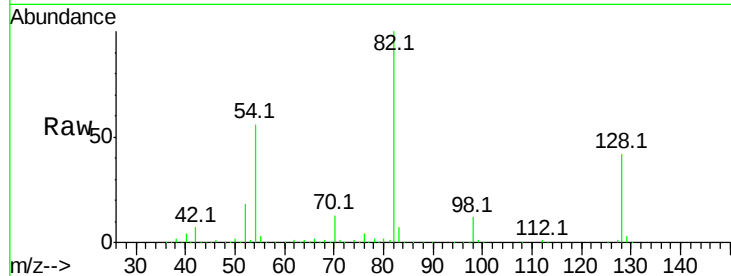




#25
Isophorone
Concen: 42.78 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.29 min
Lab File: BF093554.D
Acq: 11 Mar 2017 6:18

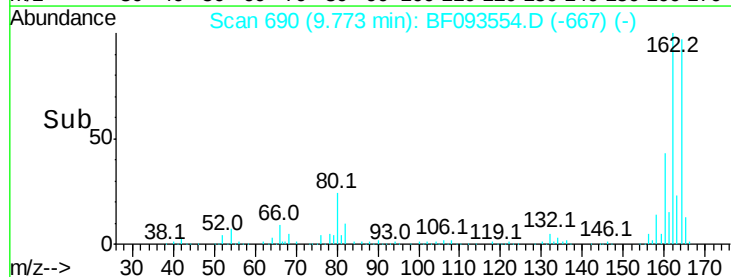
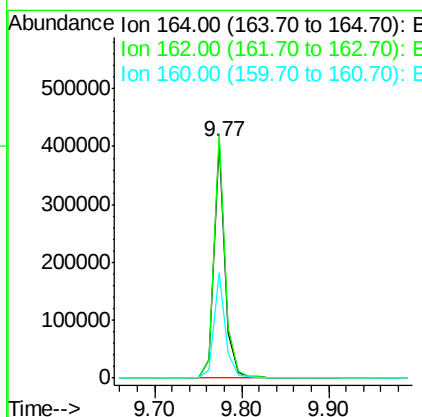
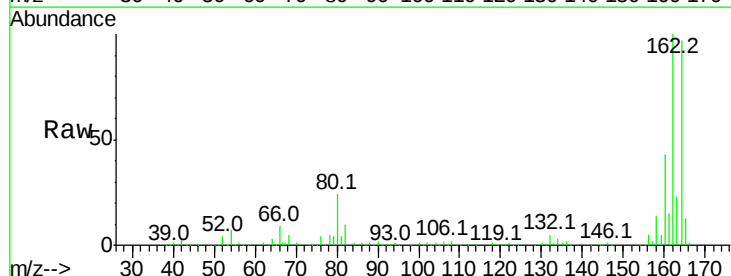
Instrument :
BNA_F
ClientSampled :

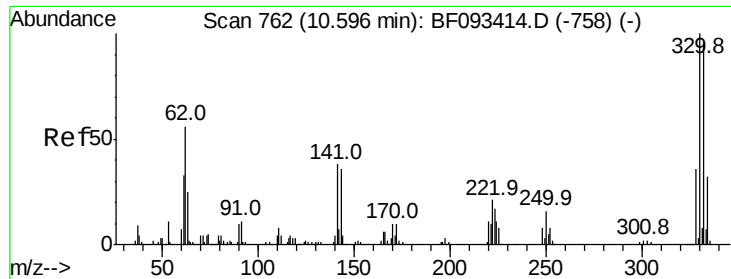
Tot Ion: 82 Resp: 1228678
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093554.D
Acq: 11 Mar 2017 6:18

Tgt Ion:164 Resp: 367440
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 44.5 36.9 55.3

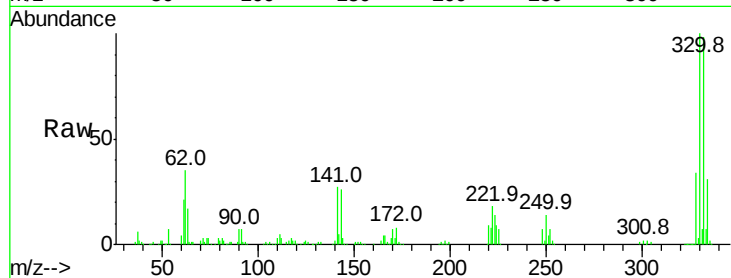




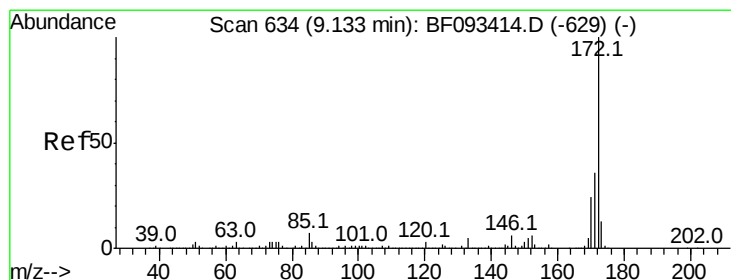
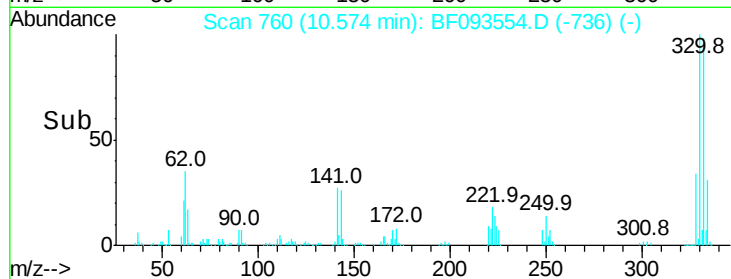
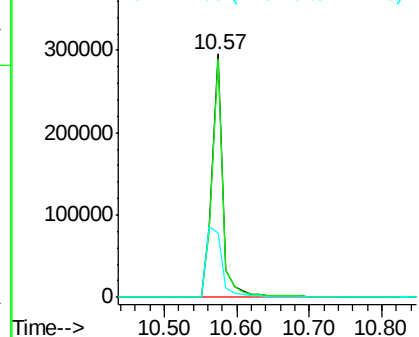
#41
 2,4,6-Tribromophenol
 Concen: 130.16 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093554.D
 Acq: 11 Mar 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.2
141	43.1	34.1	51.1

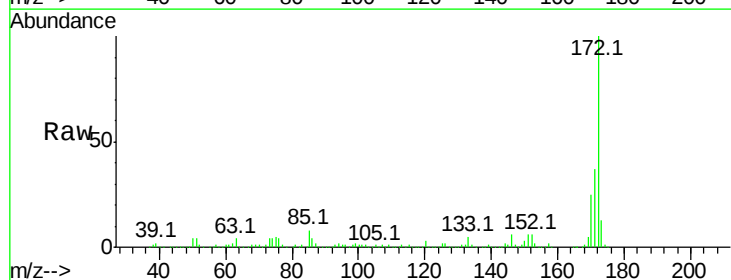


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

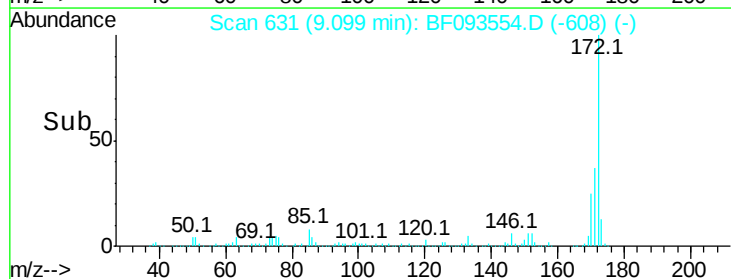
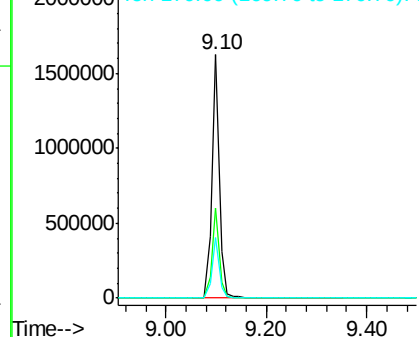


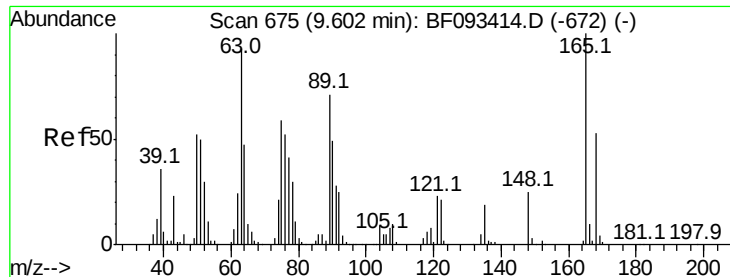
#44
 2-Fluorobiphenyl
 Concen: 84.27 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093554.D
 Acq: 11 Mar 2017 6:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	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

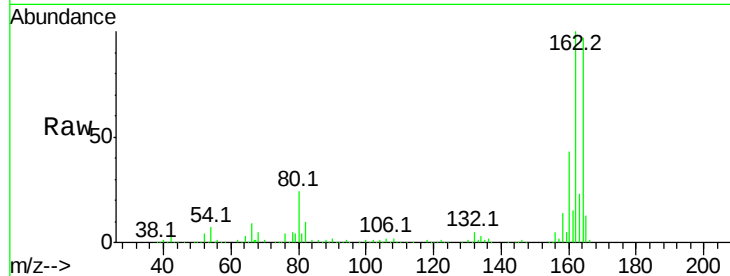




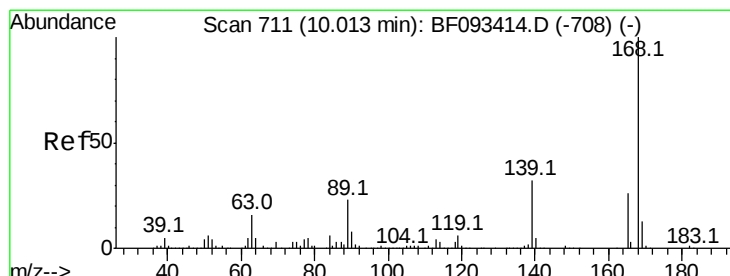
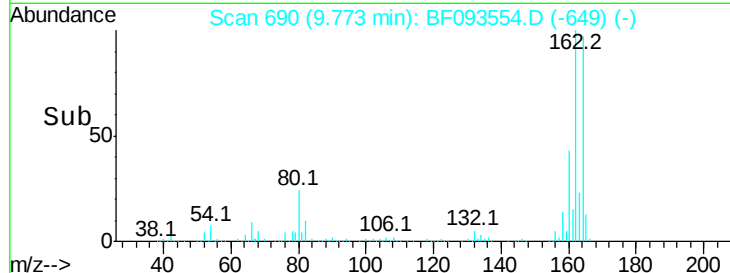
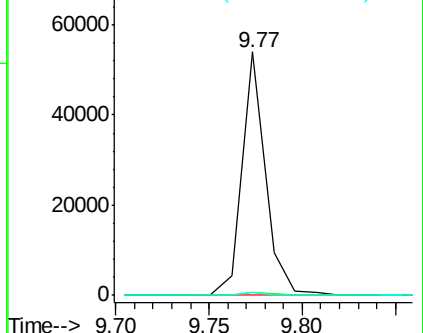
#50
2,6-Dinitrotoluene
Concen: 8.87 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093554.D
Acq: 11 Mar 2017 6:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 47388
Ion Ratio Lower Upper
165 100
63 1.3 36.2 54.4#
89 1.3 40.2 60.4#

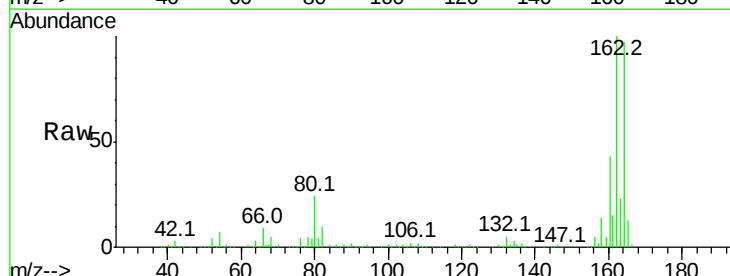


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

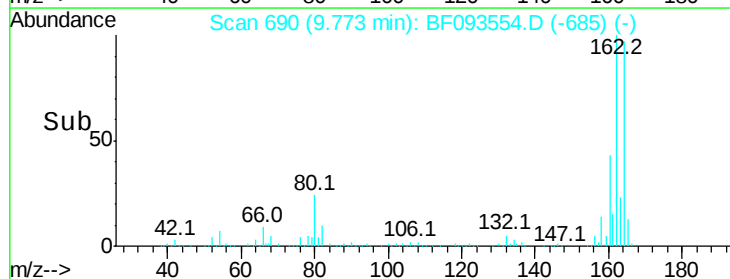
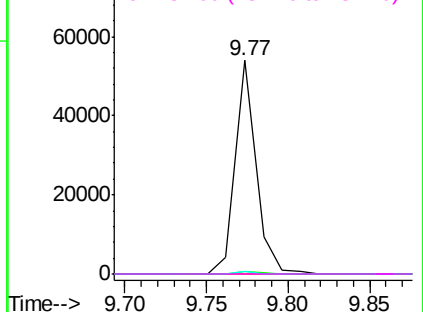


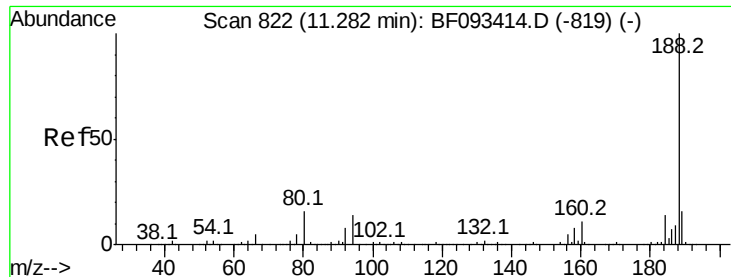
#56
2,4-Dinitrotoluene
Concen: 7.22 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093554.D
Acq: 11 Mar 2017 6:18

Tgt Ion:165 Resp: 47390
Ion Ratio Lower Upper
165 100
63 1.3 40.2 60.4#
89 1.3 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

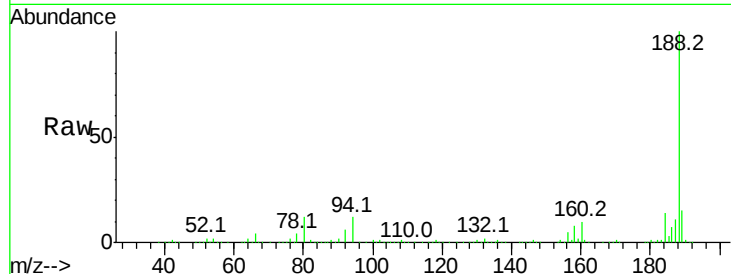




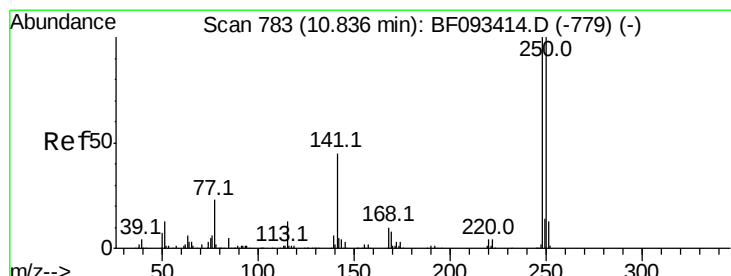
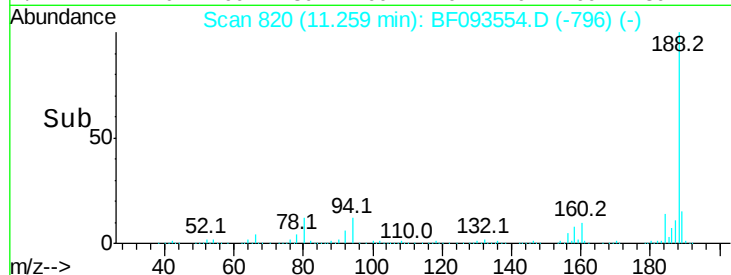
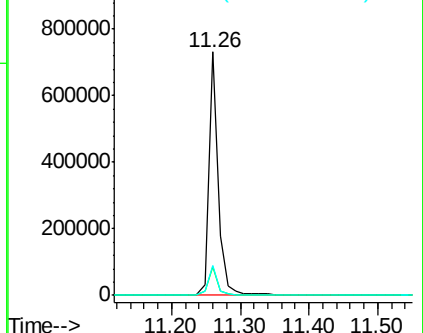
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093554.D
 Acq: 11 Mar 2017 6:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 692032
 Ion Ratio Lower Upper
 188 100
 94 11.9 10.0 15.0
 80 12.5 11.2 16.8

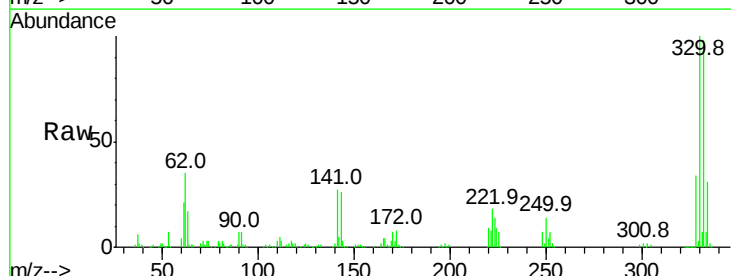


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

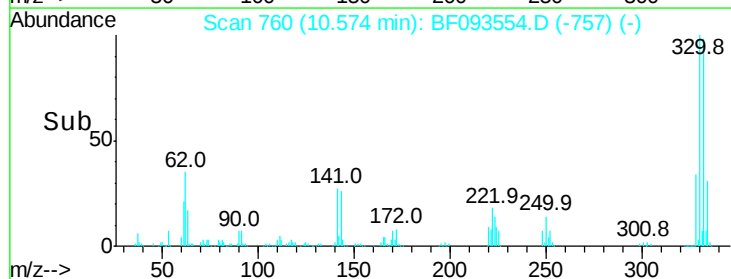
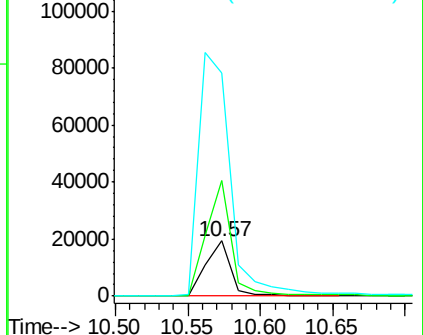


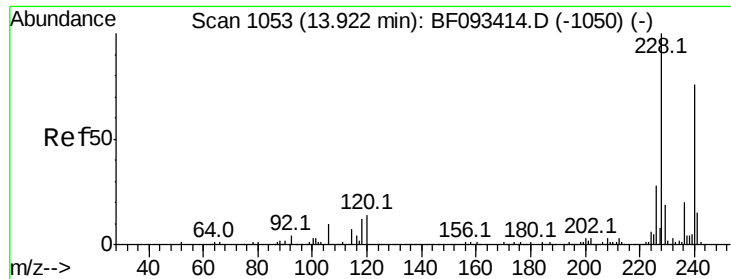
#66
 4-Bromophenyl-phenylether
 Concen: 3.23 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093554.D
 Acq: 11 Mar 2017 6:18

Tgt Ion:248 Resp: 23652
 Ion Ratio Lower Upper
 248 100
 250 208.5 76.9 115.3#
 141 404.2 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: BF093554.D

Acq: 11 Mar 2017 6:18

Instrument :

BNA_F

ClientSampleId :

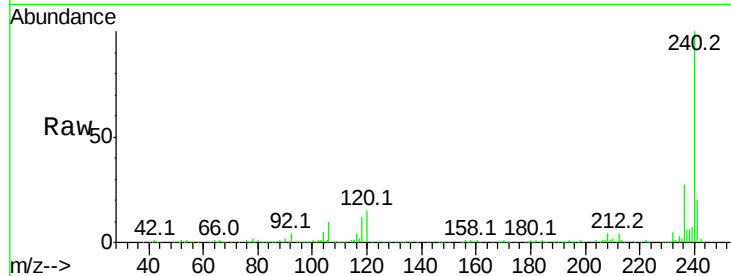
Tot Ion:240 Resp: 520863

Ion Ratio Lower Upper

240 100

120 14.7 12.9 19.3

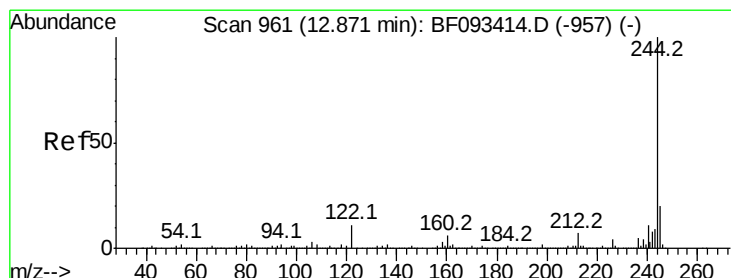
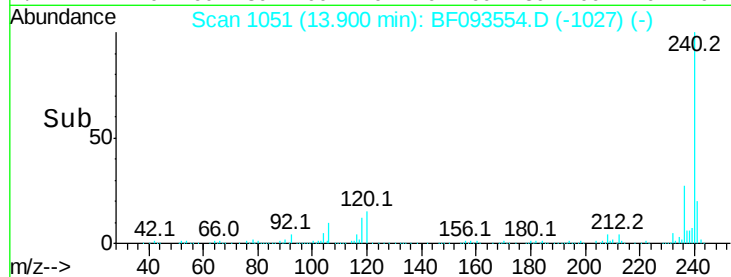
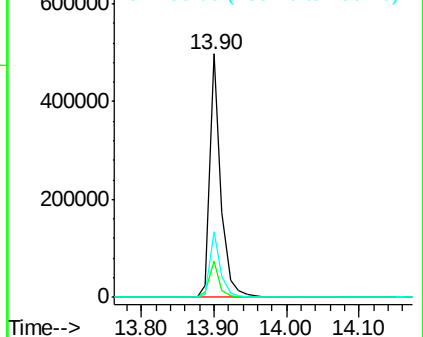
236 27.2 20.9 31.3



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: 79.69 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093554.D

Acq: 11 Mar 2017 6:18

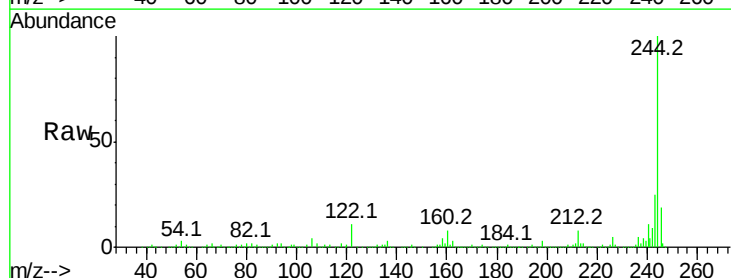
Tgt Ion:244 Resp: 1596401

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

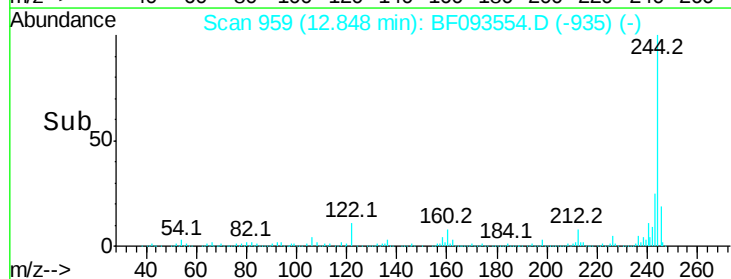
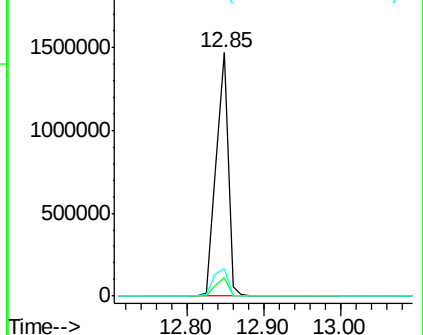
122 11.5 11.4 17.2

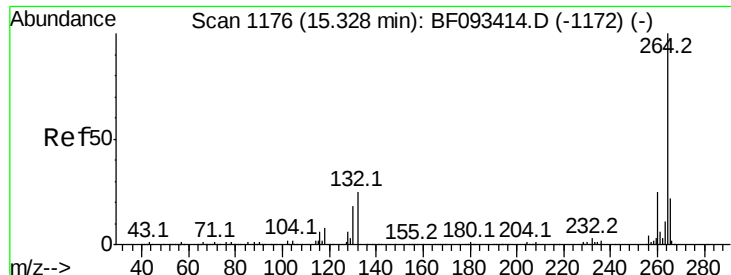


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

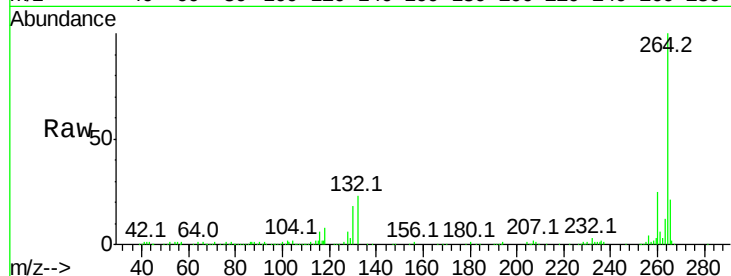




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093554.D
Acq: 11 Mar 2017 6:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 333880
Ion Ratio Lower Upper
264 100
260 24.6 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

