

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093526.D
 Acq On : 10 Mar 2017 17:10
 Operator : SJ/MA
 Sample : PB97500TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97500TB

Quant Time: Mar 10 22:15:43 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

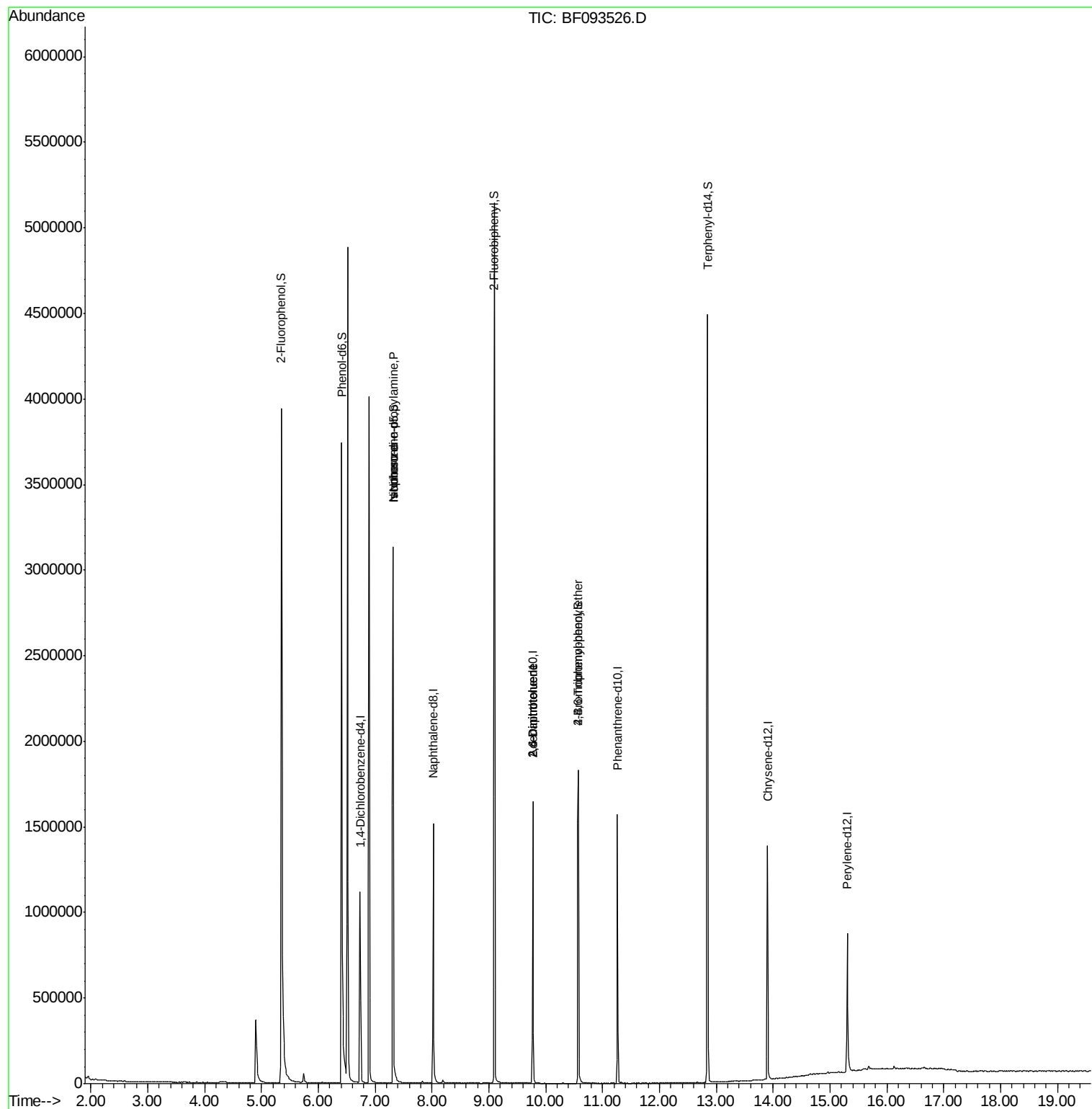
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	185172	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	706932	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	321927	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	583611	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	494525	20.00	ng	-0.02
86) Perylene-d12	15.31	264	366251	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1497396	134.59	ng	0.00
7) Phenol-d6	6.41	99	2033321	144.93	ng	0.00
23) Nitrobenzene-d5	7.32	82	1255440	98.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	306827	146.29	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1696888	98.04	ng	-0.03
78) Terphenyl-d14	12.85	244	1545854	81.27	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	3014	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	166507	17.26	ng	# 78
25) Isophorone	7.32	82	1247987	48.57	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	41329	8.83	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	41330	7.18	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	22081	3.58	ng	# 1

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

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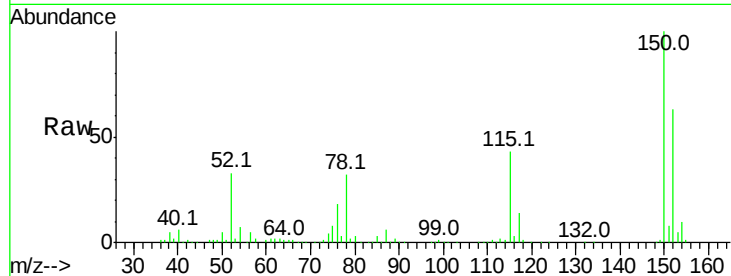


#1

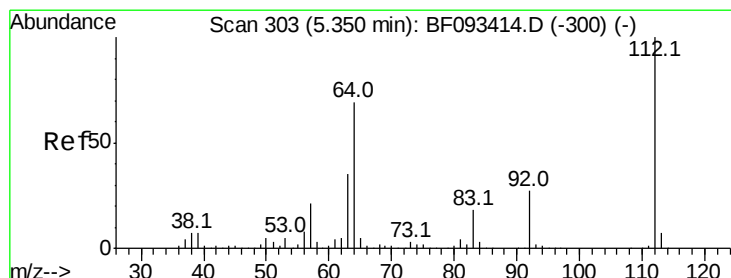
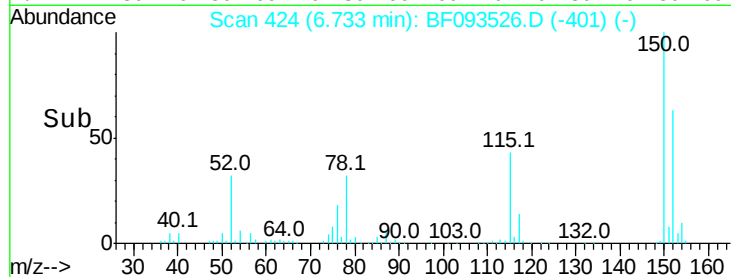
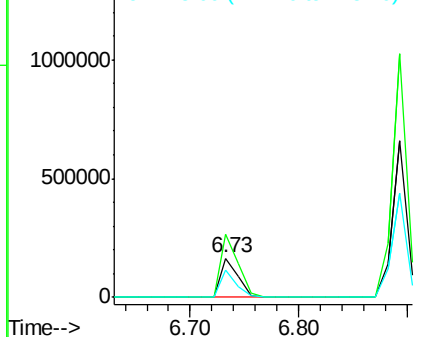
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF093526.D
Acq: 10 Mar 2017 17:10

Instrument :
BNA_F
ClientSampleId :
PB97500TB

Tot Ion:152 Resp: 185172
Ion Ratio Lower Upper
152 100
150 159.1 124.9 187.3
115 69.0 46.0 69.0



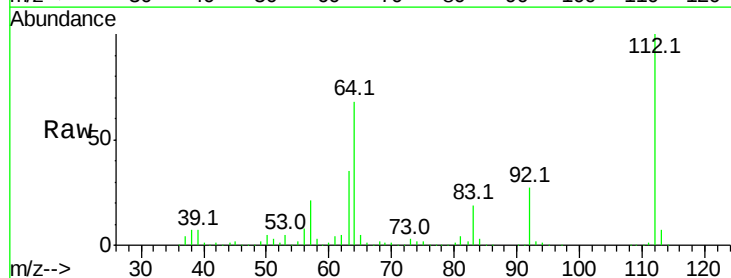
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



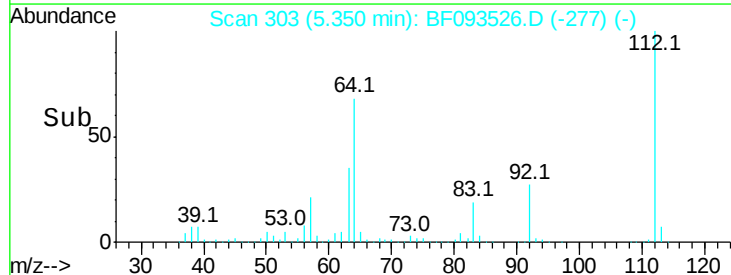
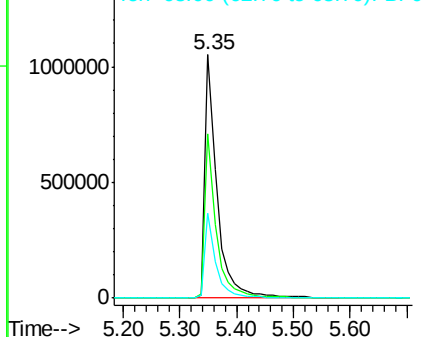
#5

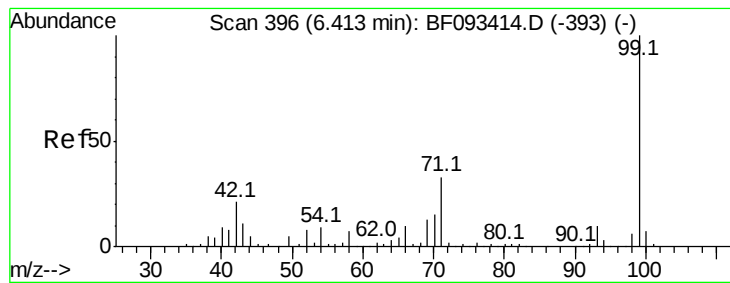
2-Fluorophenol
Concen: 134.59 ng
RT: 5.35 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF093526.D
Acq: 10 Mar 2017 17:10

Tgt Ion:112 Resp: 1497396
Ion Ratio Lower Upper
112 100
64 67.5 46.1 69.1
63 34.8 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: 144.93 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093526.D

Acq: 10 Mar 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB97500TB

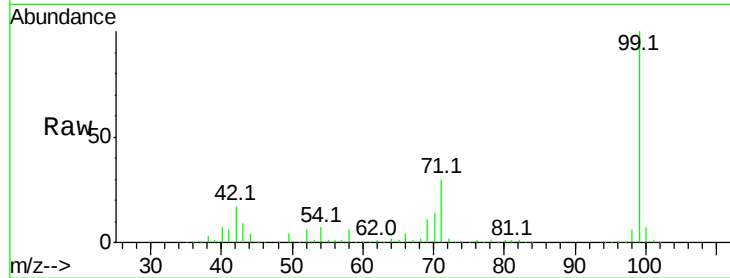
Tot Ion: 99 Resp: 2033321

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

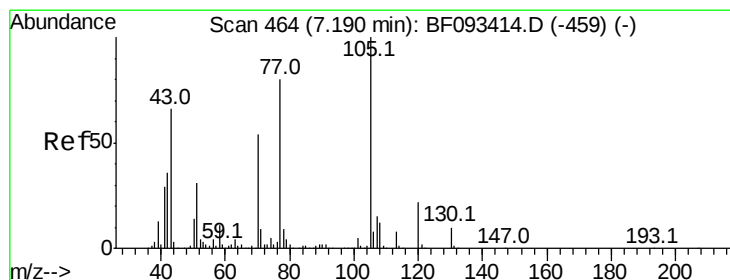
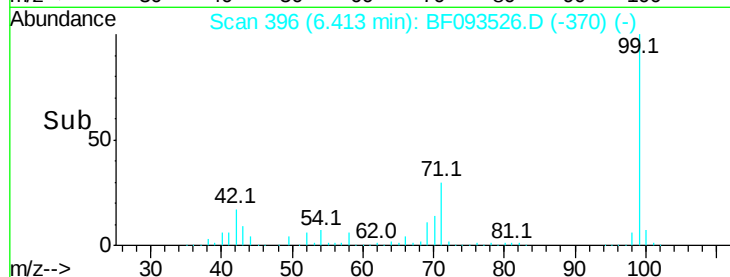
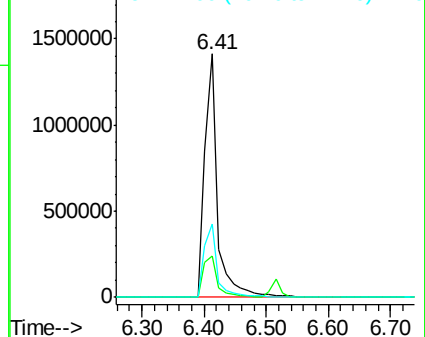
71 30.3 27.5 41.3



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: 17.26 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093526.D

Acq: 10 Mar 2017 17:10

Tgt Ion: 70 Resp: 166507

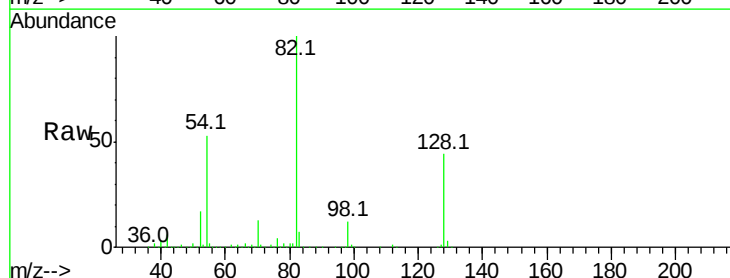
Ion Ratio Lower Upper

70 100

42 48.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

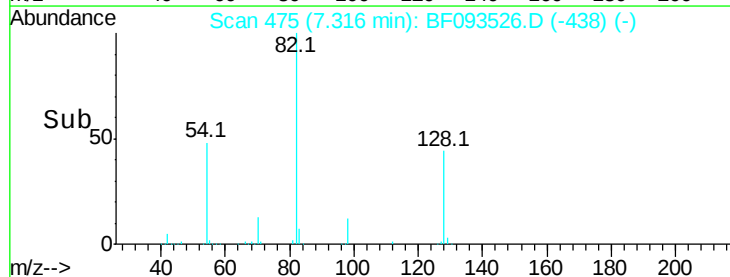
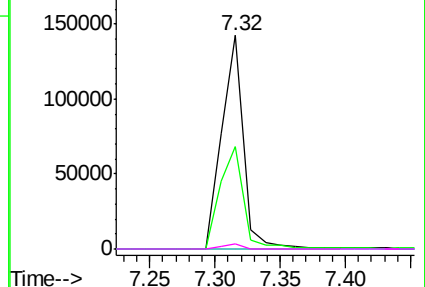


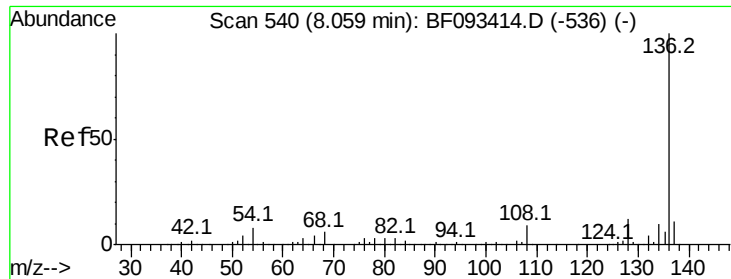
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

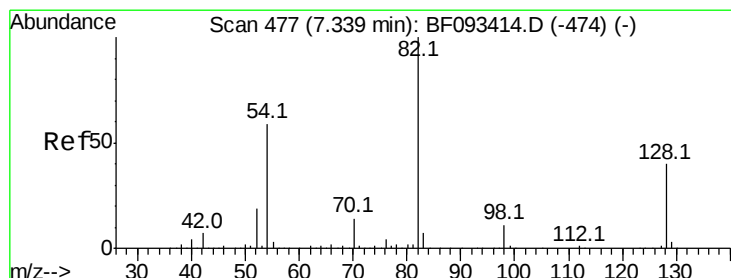
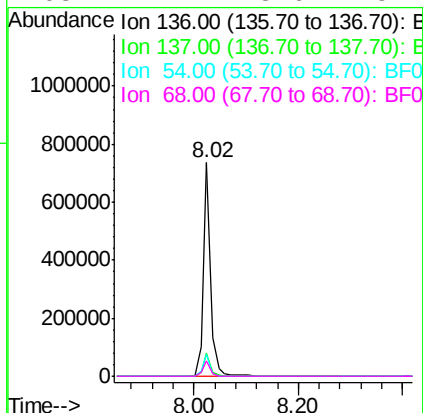
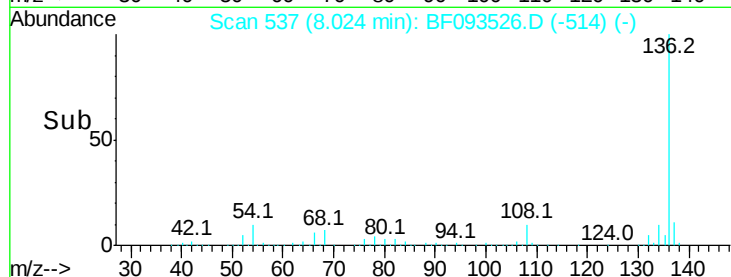
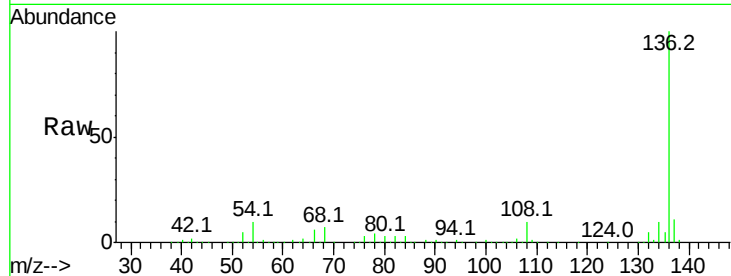




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093526.D
Acq: 10 Mar 2017 17:10

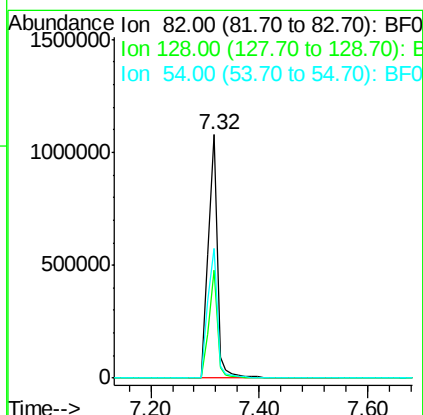
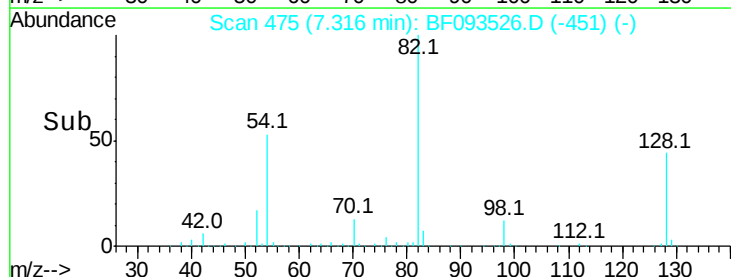
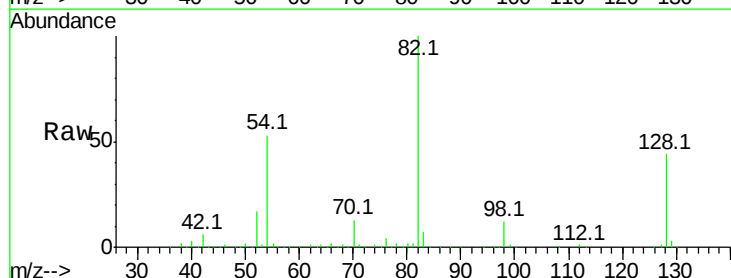
Instrument :
BNA_F
ClientSampleId :
PB97500TB

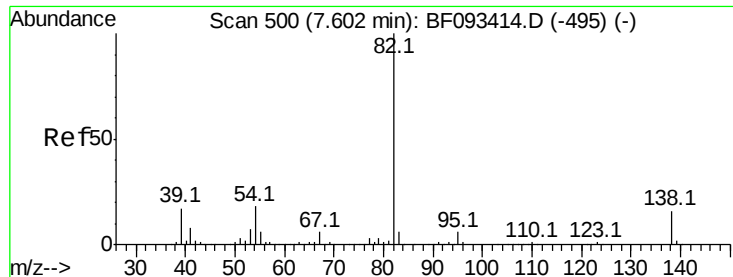
Tot Ion:	136	Resp:	706932
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.1	4.5	6.7#
68	7.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 98.53 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093526.D
Acq: 10 Mar 2017 17:10

Tgt Ion:	82	Resp:	1255440
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	53.2	39.5	59.3





#25

Isophorone

Concen: 48.57 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093526.D

Acq: 10 Mar 2017 17:10

Instrument :

BNA_F

ClientSampled :

PB97500TB

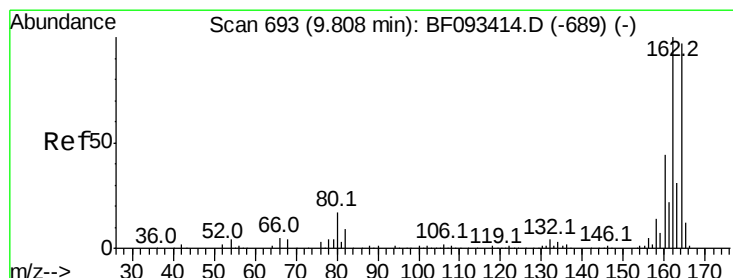
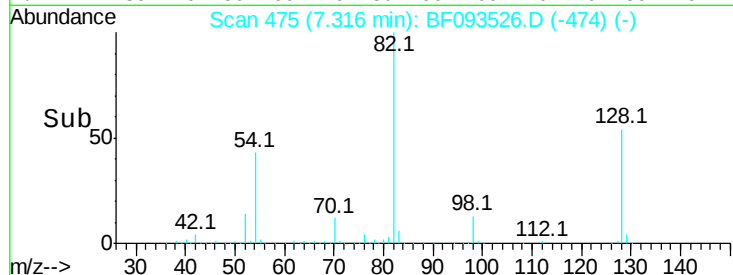
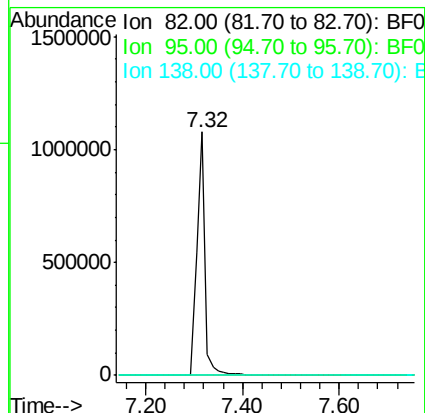
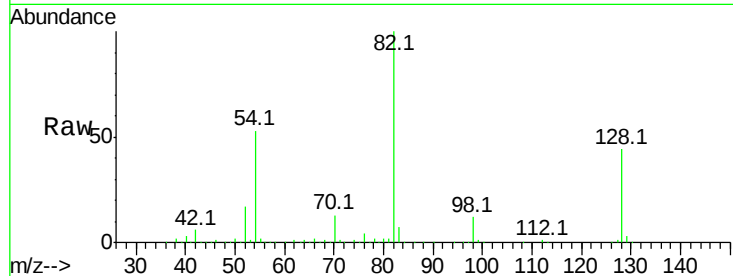
Tot Ion: 82 Resp: 1247987

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: BF093526.D

Acq: 10 Mar 2017 17:10

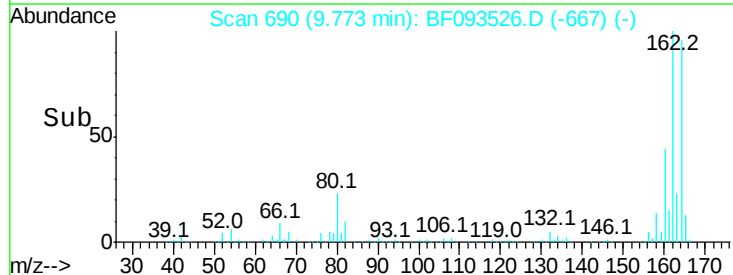
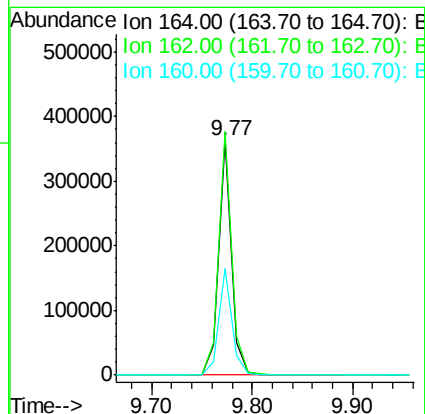
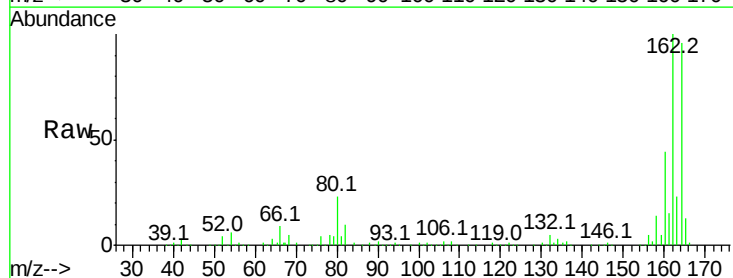
Tgt Ion: 164 Resp: 321927

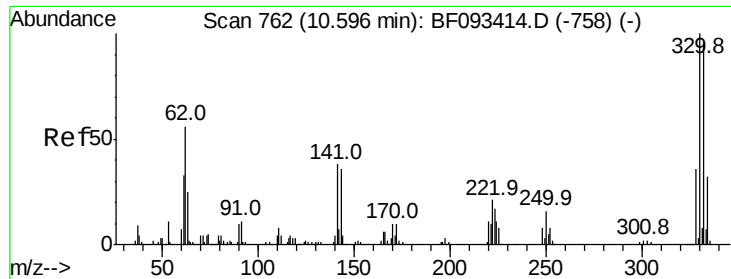
Ion Ratio Lower Upper

164 100

162 103.9 80.2 120.2

160 45.5 36.9 55.3

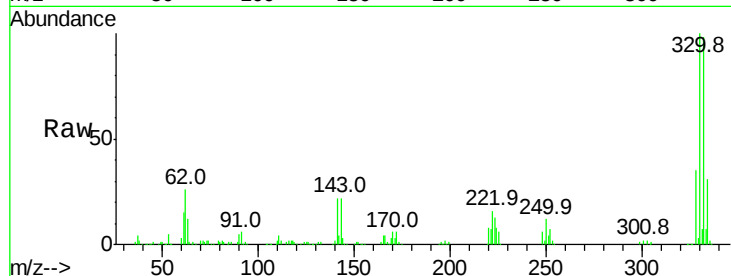




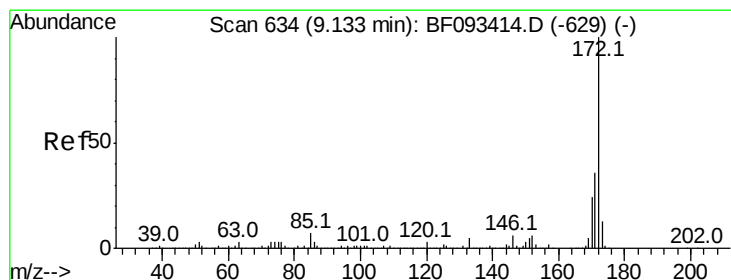
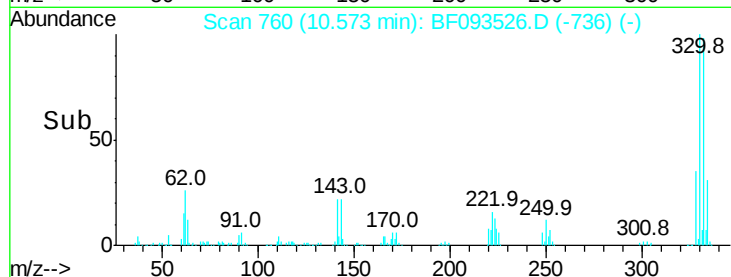
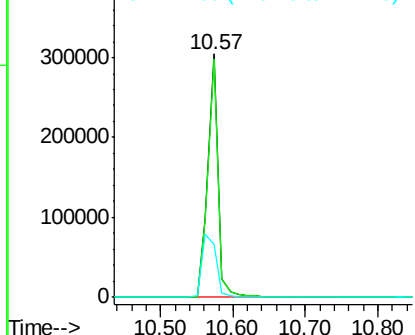
#41
 2,4,6-Tribromophenol
 Concen: 146.29 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093526.D
 Acq: 10 Mar 2017 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB97500TB

Tot Ion:330 Resp: 306827
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 35.4 34.1 51.1

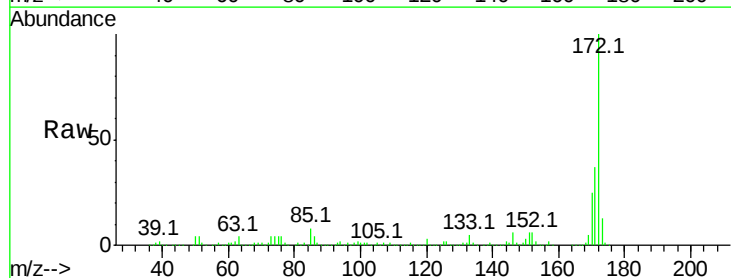


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

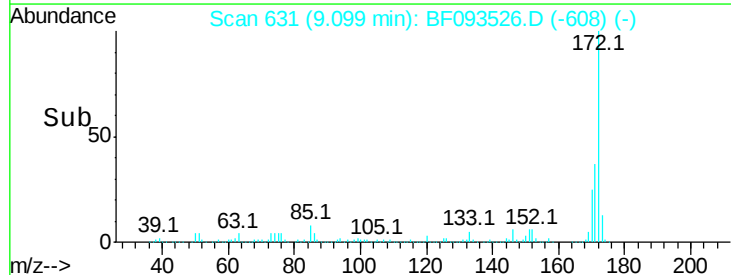
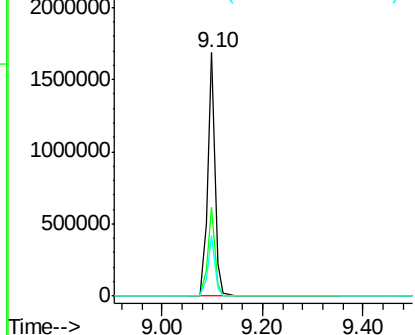


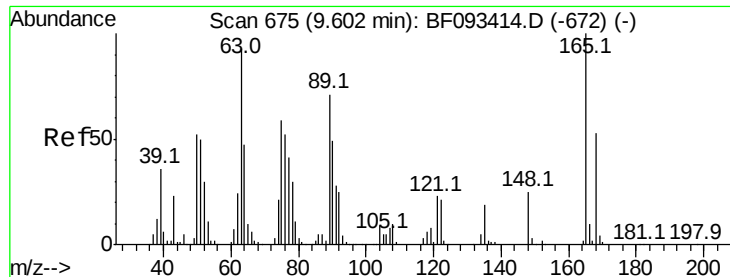
#44
 2-Fluorobiphenyl
 Concen: 98.04 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093526.D
 Acq: 10 Mar 2017 17:10

Tgt Ion:172 Resp: 1696888
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.9 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: 8.83 ng

RT: 9.77 min Scan# 690

Delta R.T. 0.17 min

Lab File: BF093526.D

Acq: 10 Mar 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB97500TB

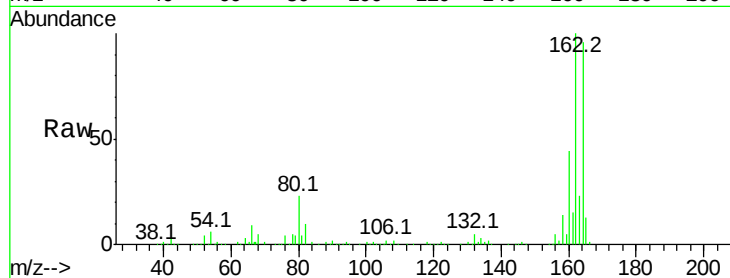
Tot Ion:165 Resp: 41329

Ion Ratio Lower Upper

165 100

63 1.3 36.2 54.4#

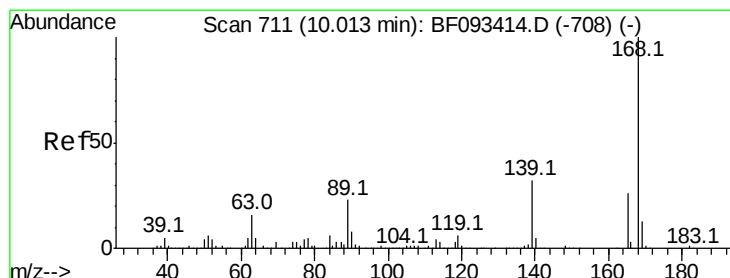
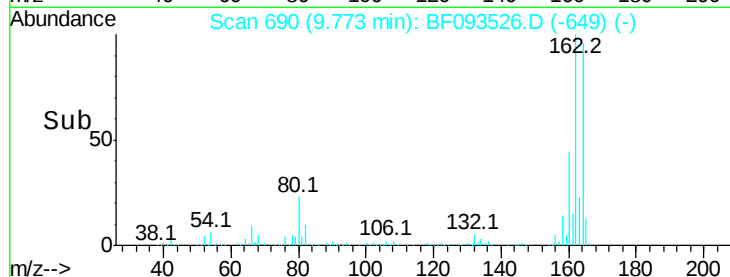
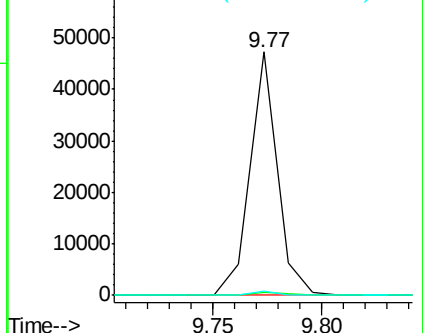
89 2.0 40.2 60.4#



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: 7.18 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.24 min

Lab File: BF093526.D

Acq: 10 Mar 2017 17:10

Tgt Ion:165 Resp: 41330

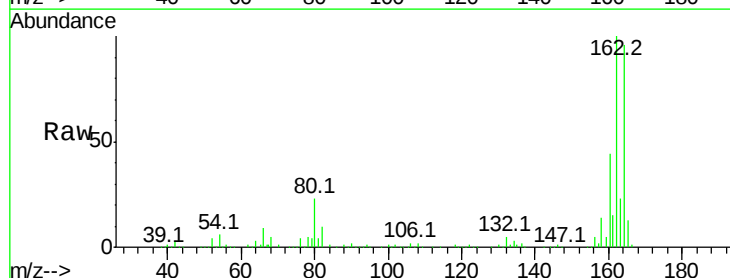
Ion Ratio Lower Upper

165 100

63 1.3 40.2 60.4#

89 2.0 62.5 93.7#

182 0.0 1.8 2.8#

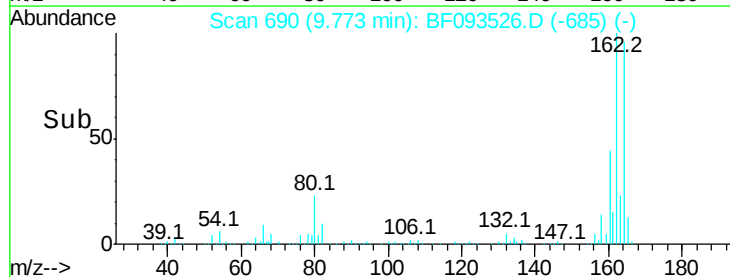
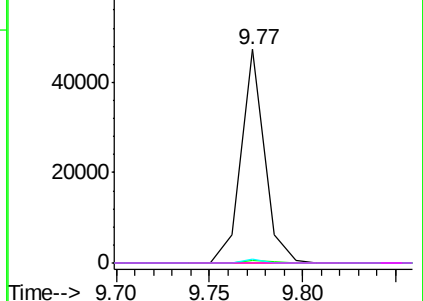


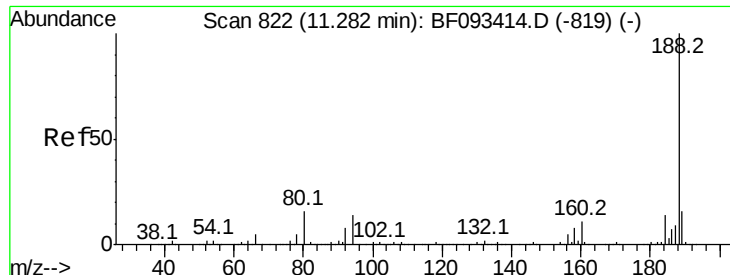
Abundance Ion 165.00 (164.70 to 165.70): E

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

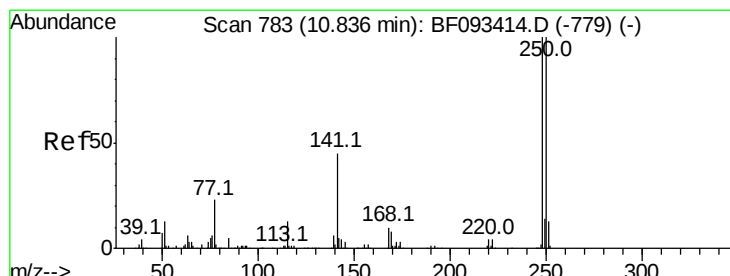
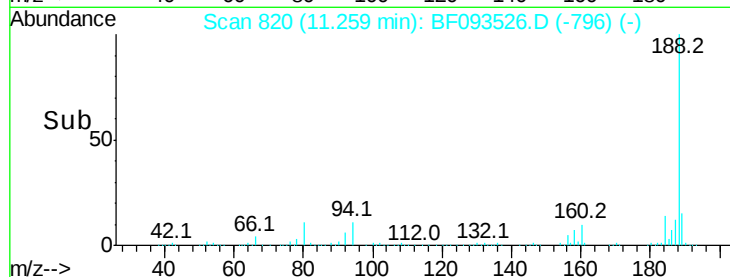
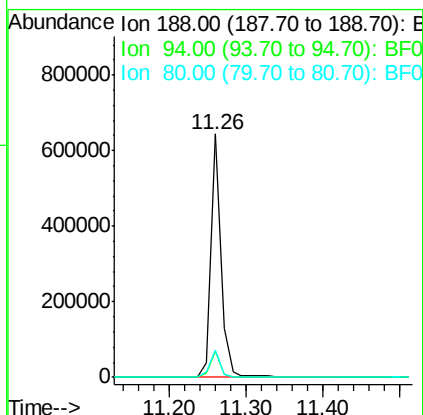
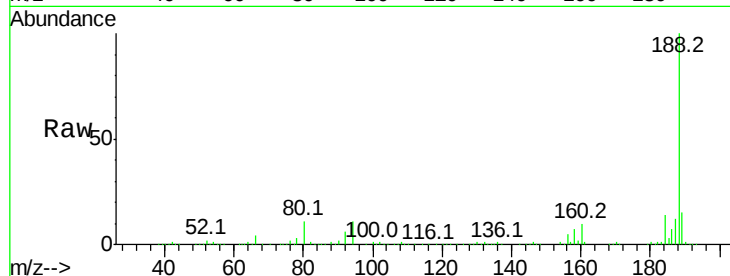




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093526.D
Acq: 10 Mar 2017 17:10

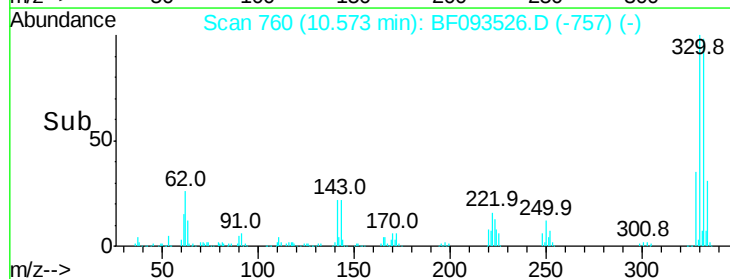
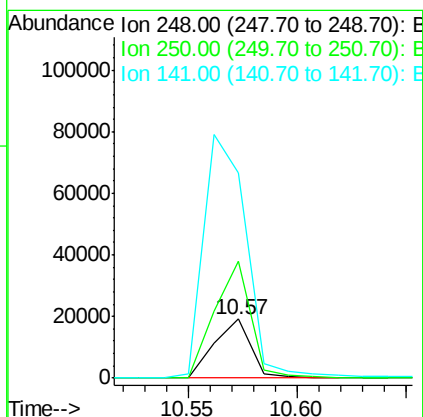
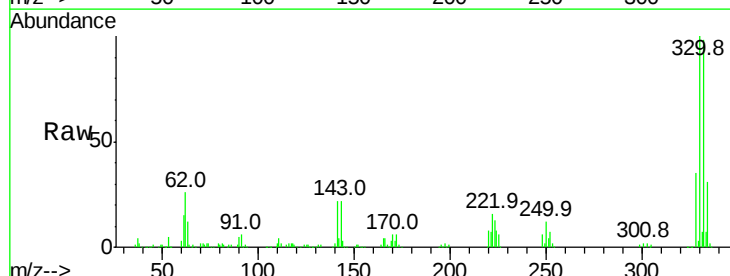
Instrument :
BNA_F
ClientSampleId :
PB97500TB

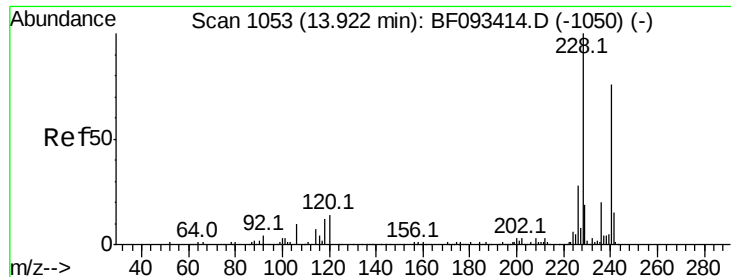
Tot Ion:188 Resp: 583611
Ion Ratio Lower Upper
188 100
94 10.5 10.0 15.0
80 11.3 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093526.D
Acq: 10 Mar 2017 17:10

Tgt Ion:248 Resp: 22081
Ion Ratio Lower Upper
248 100
250 198.6 76.9 115.3#
141 348.8 68.2 102.4#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093526.D

Acq: 10 Mar 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB97500TB

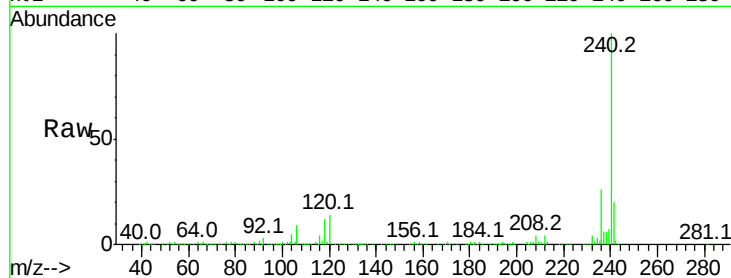
Tot Ion:240 Resp: 494525

Ion Ratio Lower Upper

240 100

120 13.8 12.9 19.3

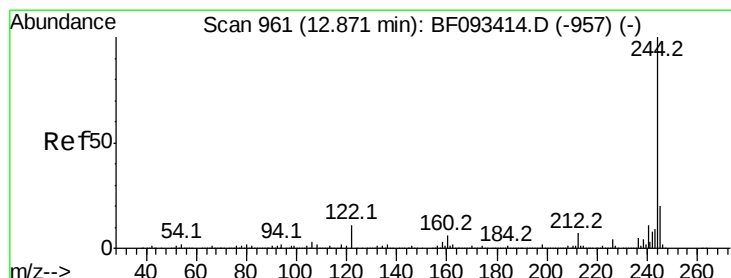
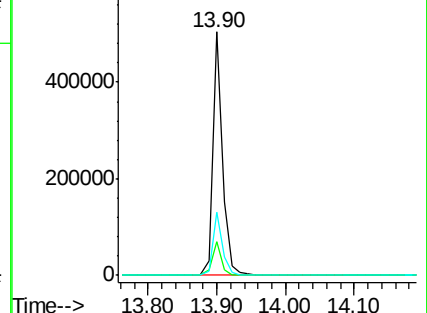
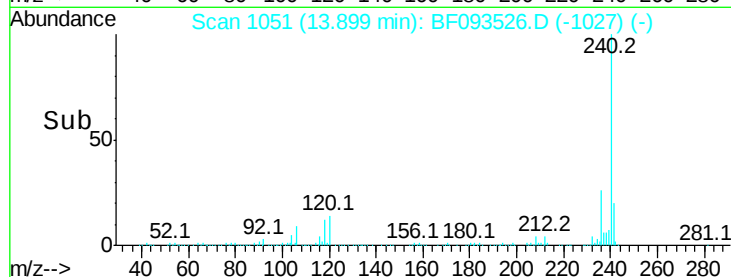
236 26.1 20.9 31.3



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: 81.27 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093526.D

Acq: 10 Mar 2017 17:10

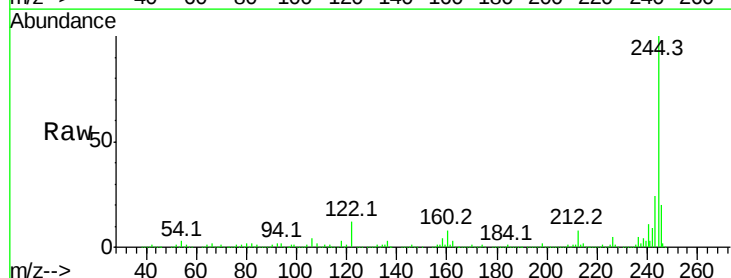
Tgt Ion:244 Resp: 1545854

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

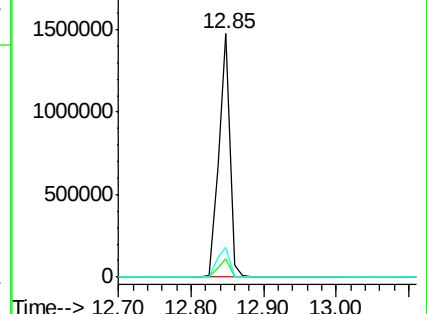
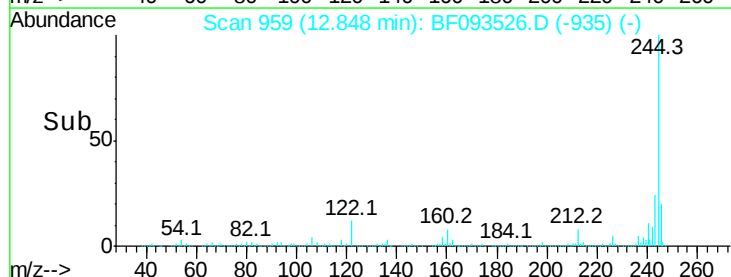
122 12.4 11.4 17.2

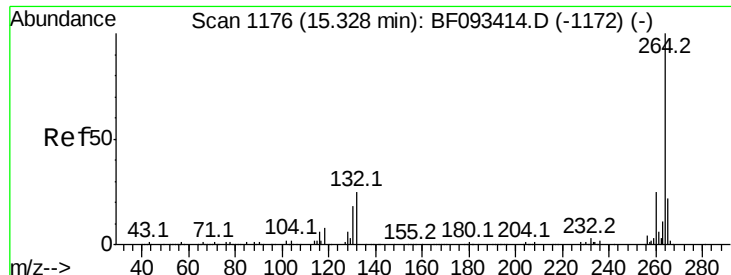


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

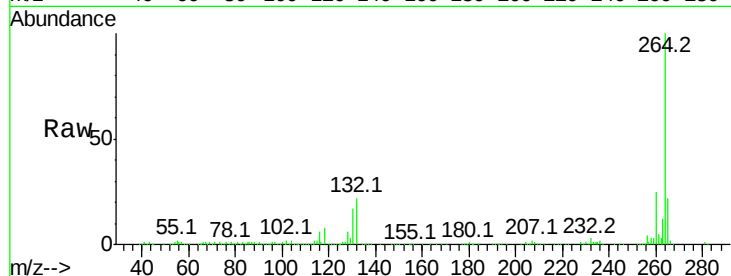




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093526.D
 Acq: 10 Mar 2017 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB97500TB

Tot Ion: 264 Resp: 366251
 Ion Ratio Lower Upper
 264 100
 260 24.6 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

