

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093536.D
 Acq On : 10 Mar 2017 21:47
 Operator : SJ/MA
 Sample : I2172-28
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-55

Quant Time: Mar 10 22:18:46 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

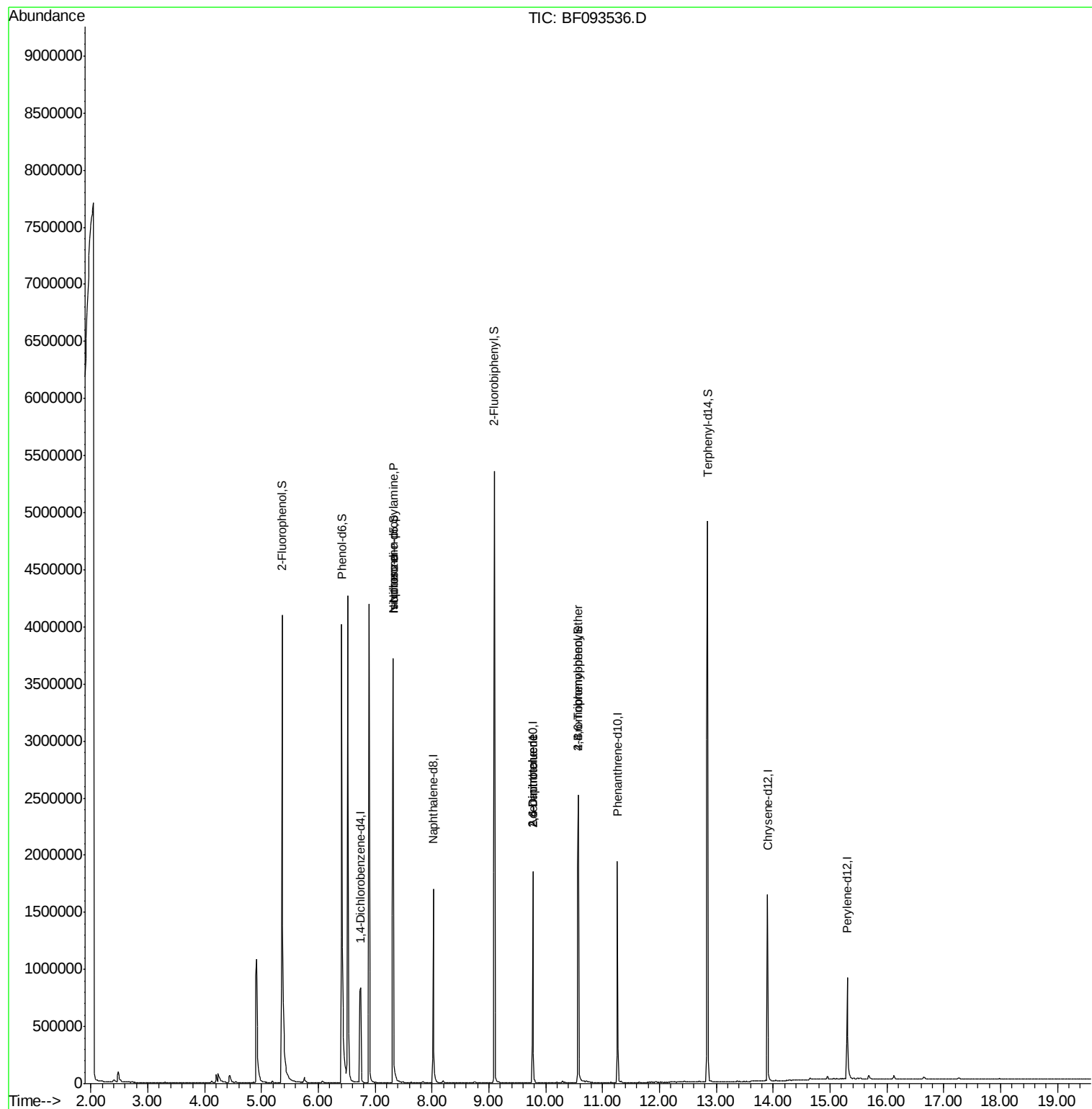
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	189249	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	759182	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	360263	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	677028	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	579467	20.00	ng	-0.02
86) Perylene-d12	15.31	264	400434	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1583868	139.29	ng	0.01
7) Phenol-d6	6.41	99	2014087	140.46	ng	0.00
23) Nitrobenzene-d5	7.32	82	1398560	102.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	376916	160.58	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1788807	92.36	ng	-0.03
78) Terphenyl-d14	12.85	244	1806471	81.05	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	2601	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	190046	19.28	ng	# 82
25) Isophorone	7.32	82	1400501	50.76	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	45681	8.72	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	45674	7.09	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	27755	3.88	ng	# 1

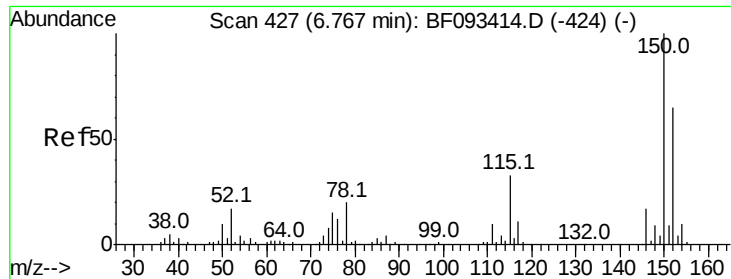
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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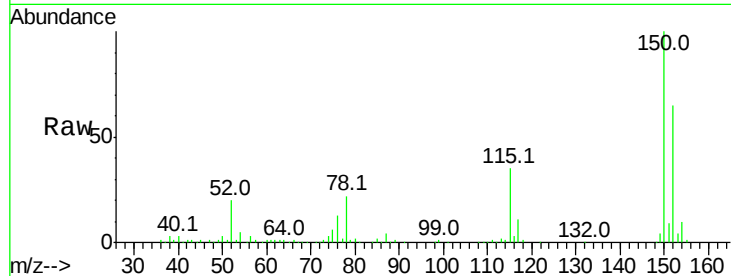


#1

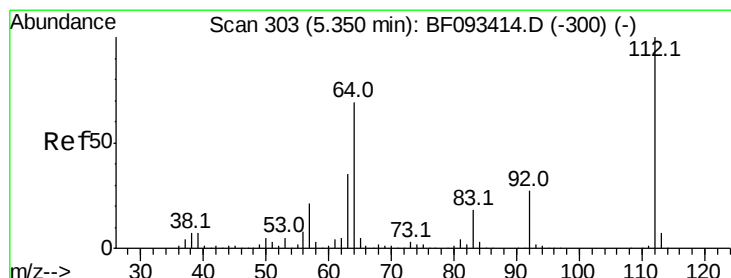
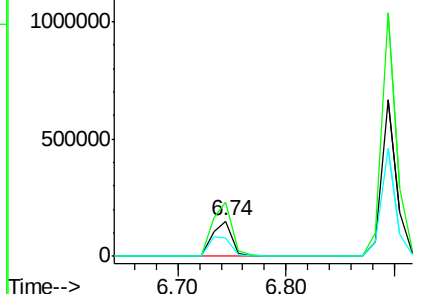
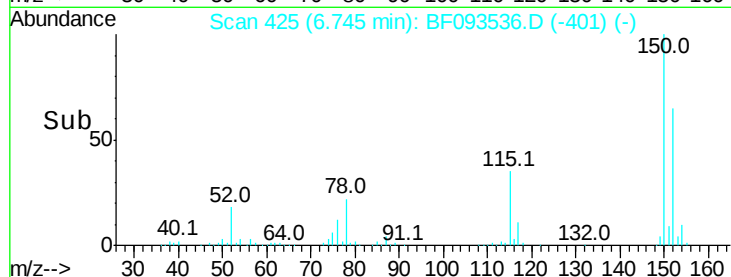
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093536.D
Acq: 10 Mar 2017 21:47

Instrument :
BNA_F
ClientSampleId :
D-55

Tot Ion:152 Resp: 189249
Ion Ratio Lower Upper
152 100
150 152.7 124.9 187.3
115 53.2 46.0 69.0



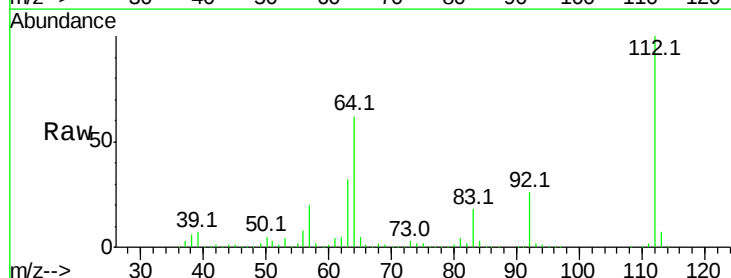
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



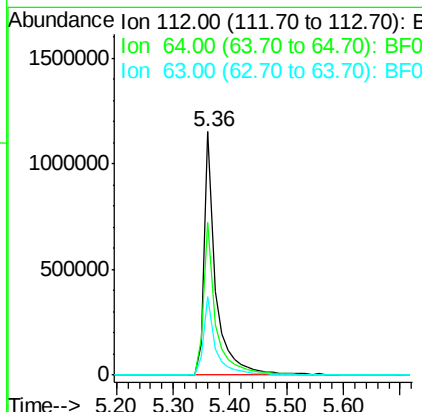
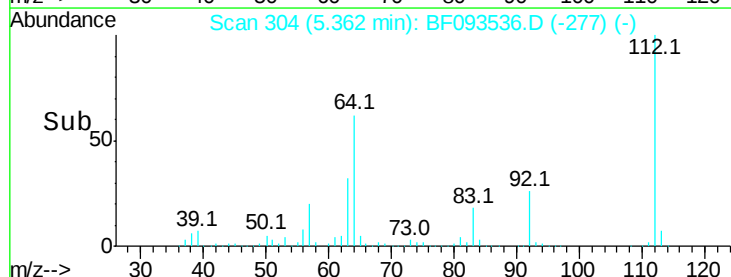
#5

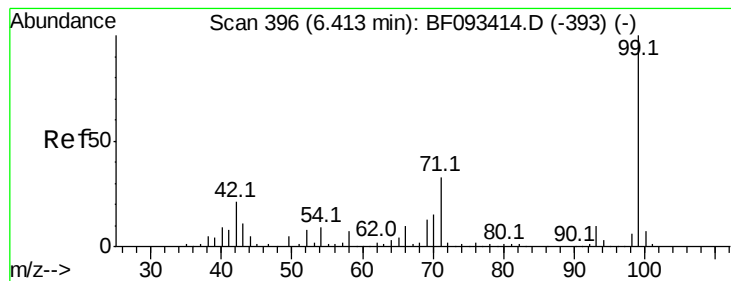
2-Fluorophenol
Concen: 139.29 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093536.D
Acq: 10 Mar 2017 21:47

Tgt Ion:112 Resp: 1583868
Ion Ratio Lower Upper
112 100
64 62.5 46.1 69.1
63 32.1 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: 140.46 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093536.D

Acq: 10 Mar 2017 21:47

Instrument :

BNA_F

ClientSampleId :

D-55

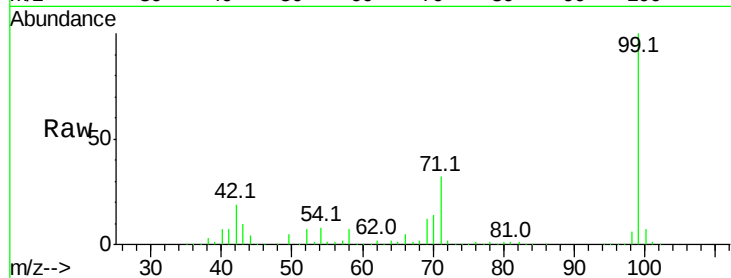
Tot Ion: 99 Resp: 2014087

Ion Ratio Lower Upper

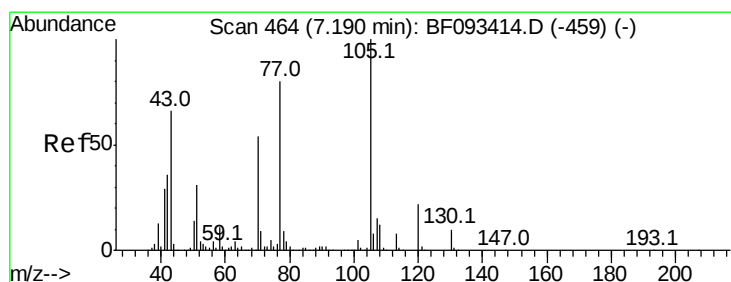
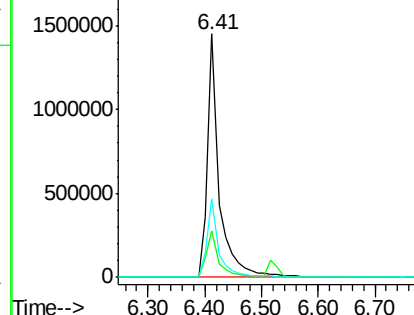
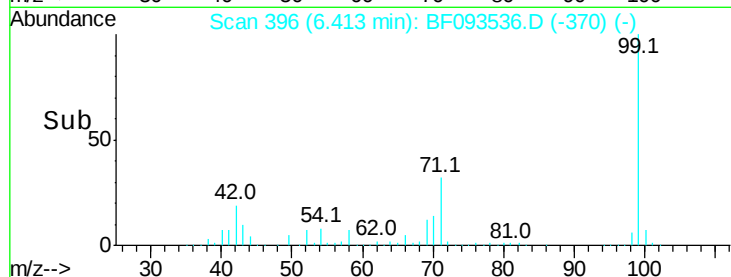
99 100

42 18.9 15.6 23.4

71 32.3 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: 19.28 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093536.D

Acq: 10 Mar 2017 21:47

Tgt Ion: 70 Resp: 190046

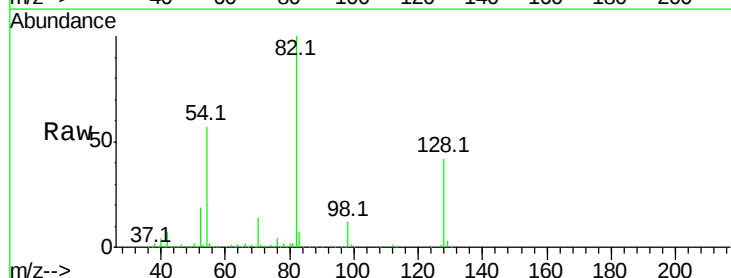
Ion Ratio Lower Upper

70 100

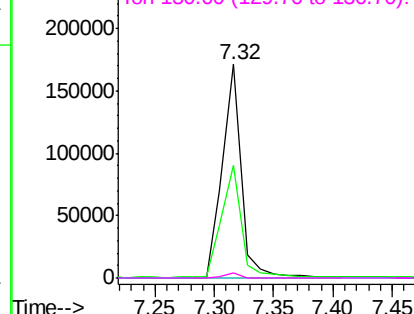
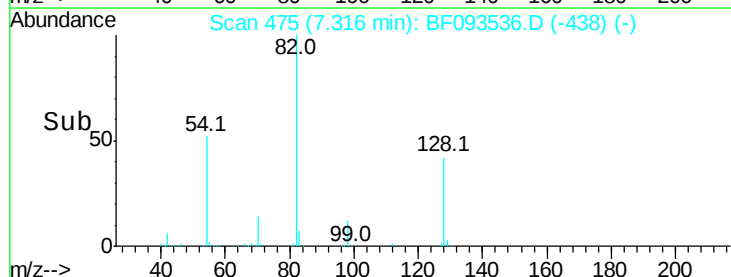
42 52.7 49.4 74.0

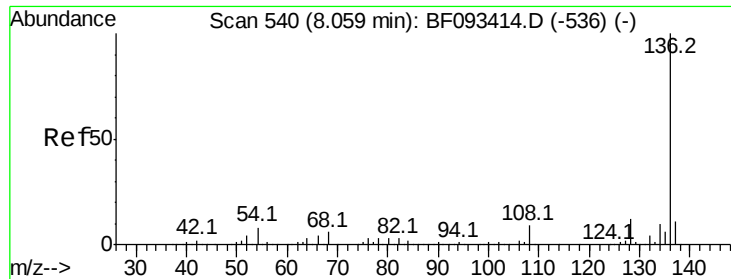
101 0.0 7.4 11.2#

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

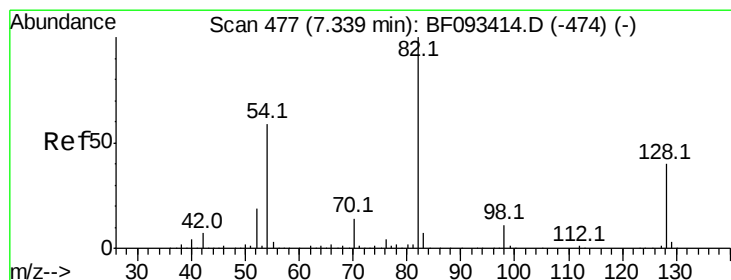
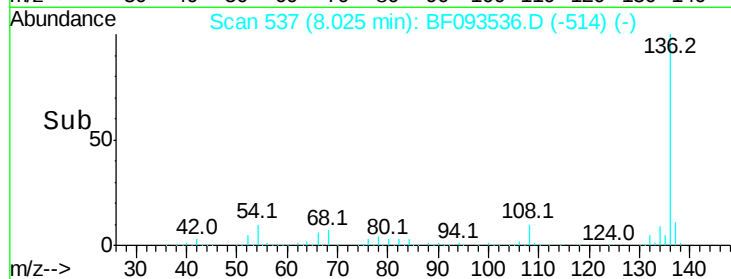
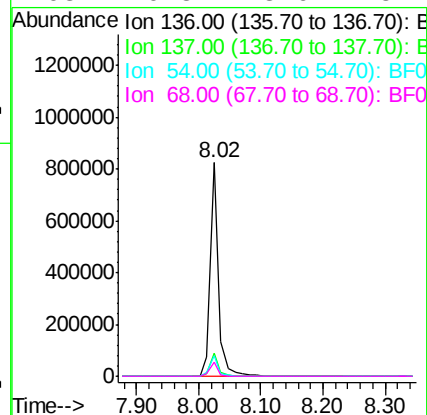
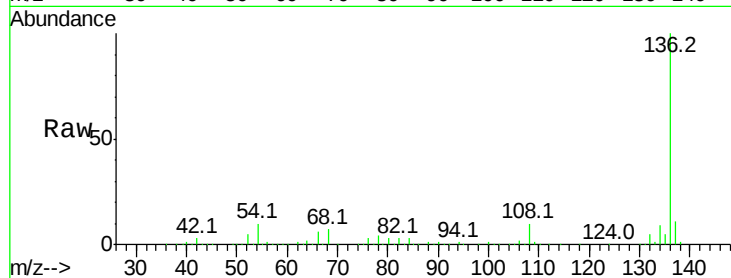




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093536.D
Acq: 10 Mar 2017 21:47

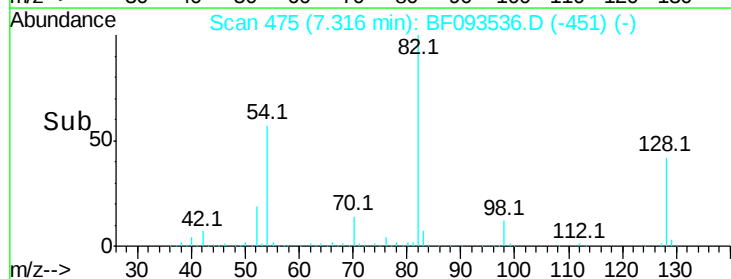
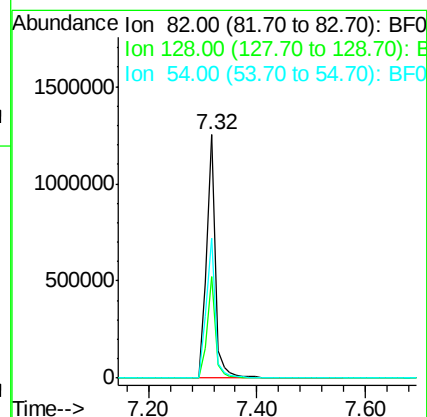
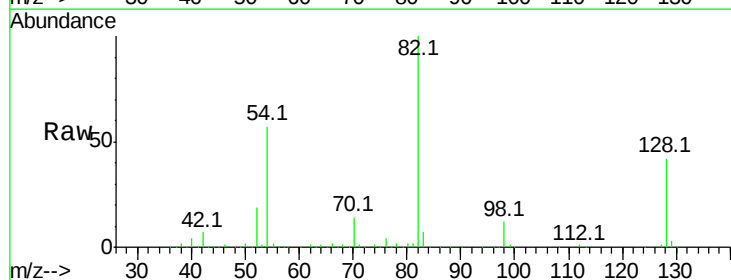
Instrument :
BNA_F
ClientSampleId :
D-55

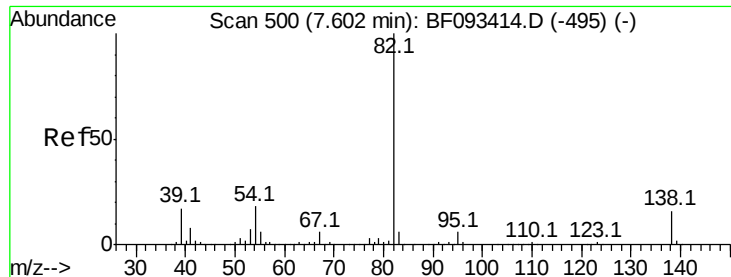
Tot Ion:	136	Resp:	759182
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.6	4.5	6.7#
68	6.8	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 102.21 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093536.D
Acq: 10 Mar 2017 21:47

Tgt Ion:	82	Resp:	1398560
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	57.3	39.5	59.3





#25

Isophorone

Concen: 50.76 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093536.D

Acq: 10 Mar 2017 21:47

Instrument :

BNA_F

ClientSampleId :

D-55

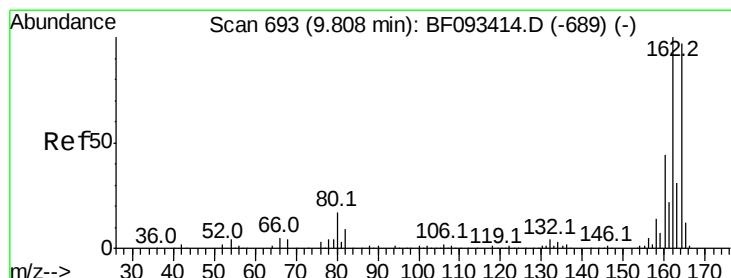
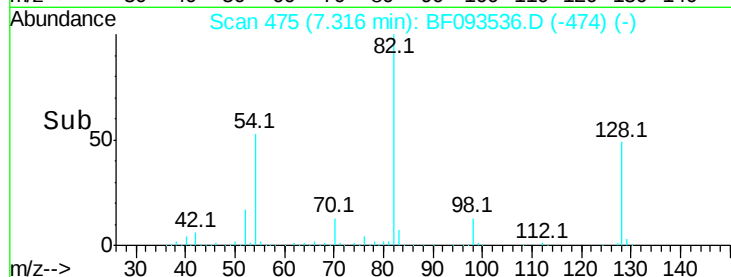
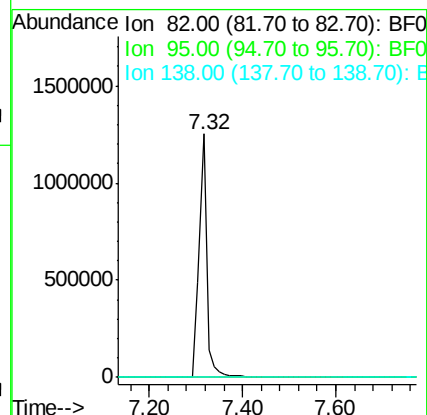
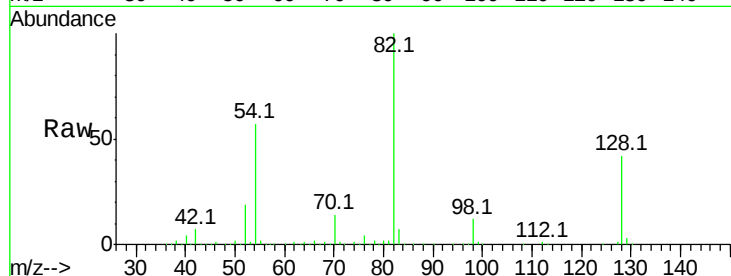
Tot Ion: 82 Resp: 1400501

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: BF093536.D

Acq: 10 Mar 2017 21:47

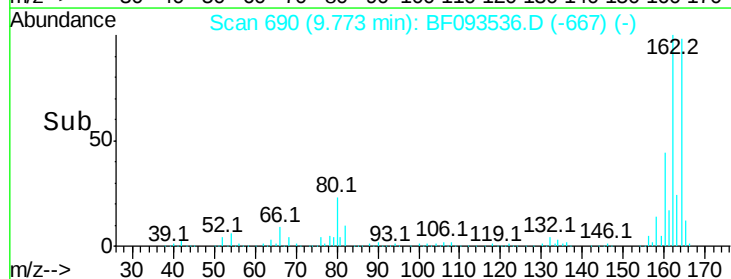
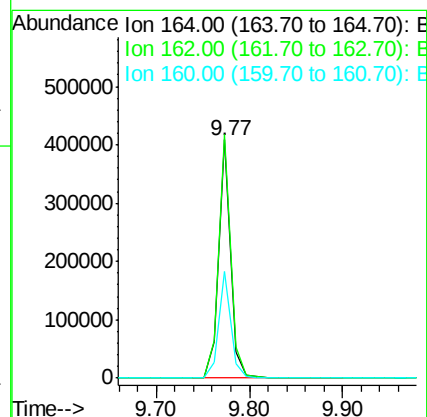
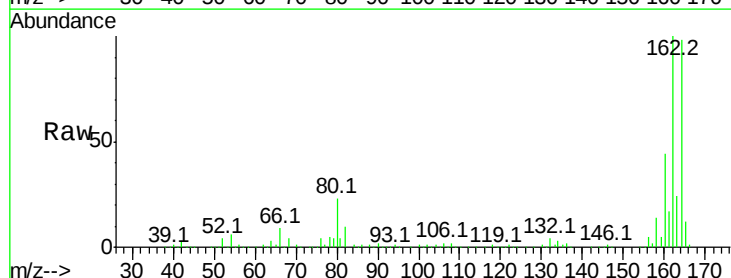
Tgt Ion:164 Resp: 360263

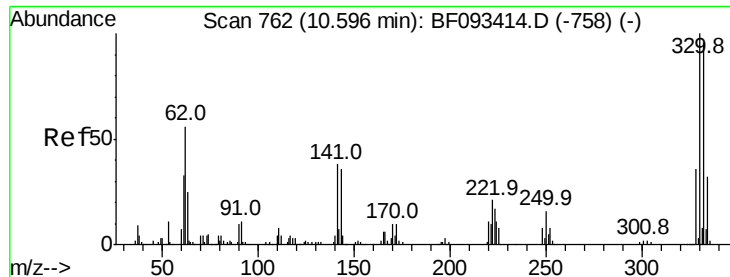
Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

160 44.9 36.9 55.3

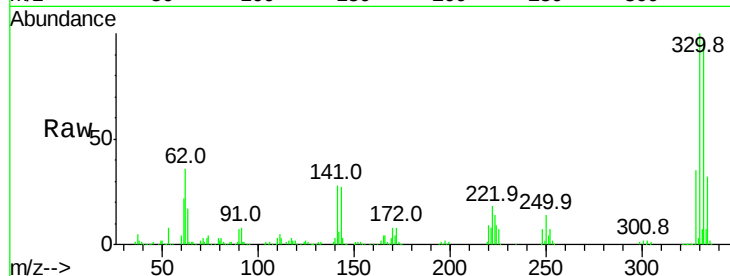




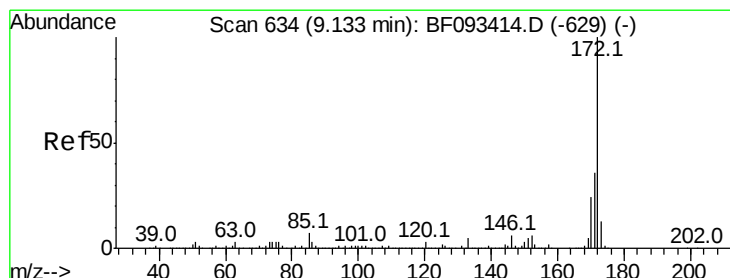
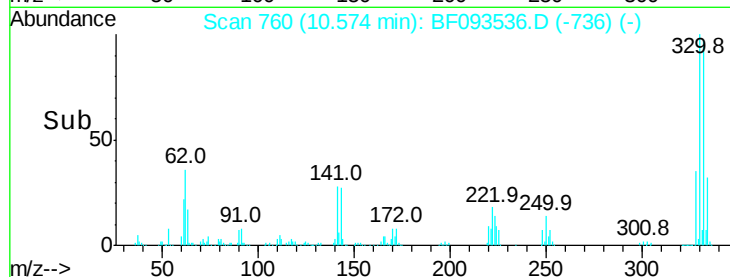
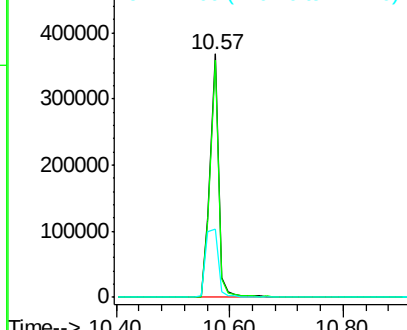
#41
 2,4,6-Tribromophenol
 Concen: 160.58 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093536.D
 Acq: 10 Mar 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :
 D-55

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	41.3	34.1	51.1

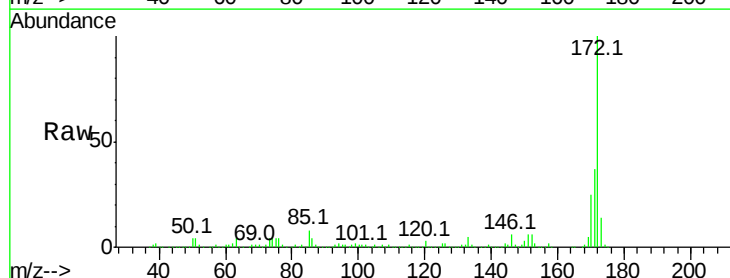


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

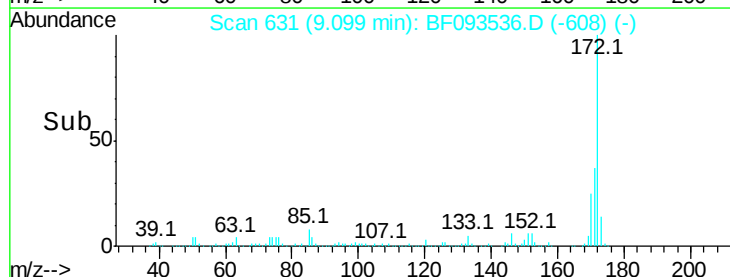
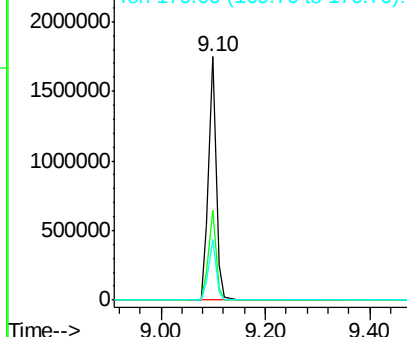


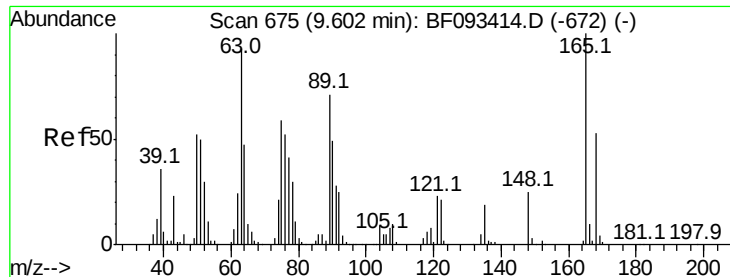
#44
 2-Fluorobiphenyl
 Concen: 92.36 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093536.D
 Acq: 10 Mar 2017 21:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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

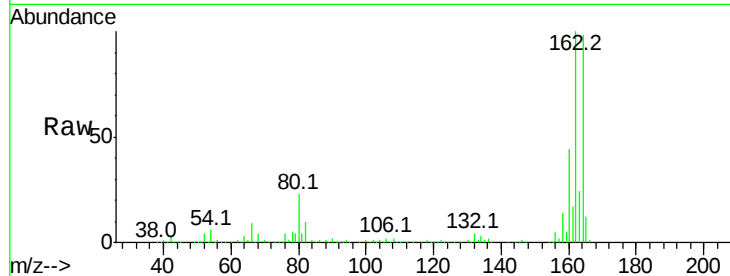




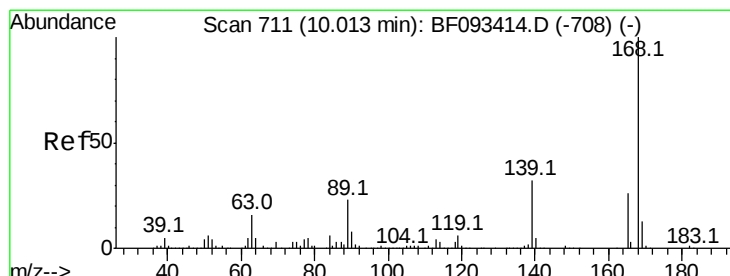
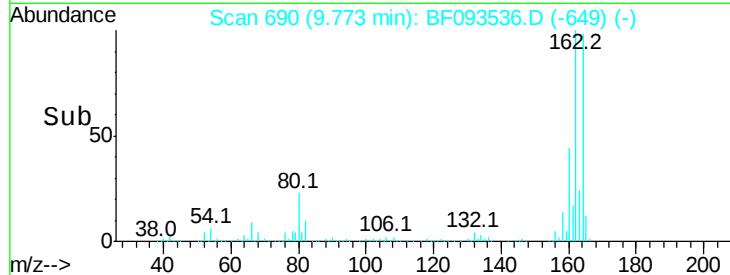
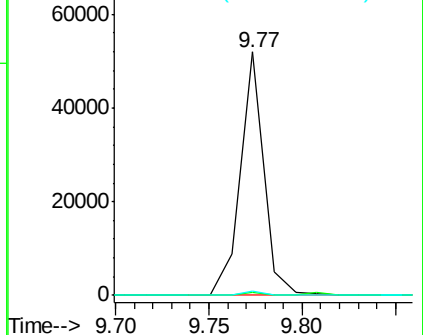
#50
 2,6-Dinitrotoluene
 Concen: 8.72 ng
 RT: 9.77 min Scan# 690
 Delta R.T. 0.17 min
 Lab File: BF093536.D
 Acq: 10 Mar 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :
 D-55

Tot Ion:165 Resp: 45681
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.6 40.2 60.4#

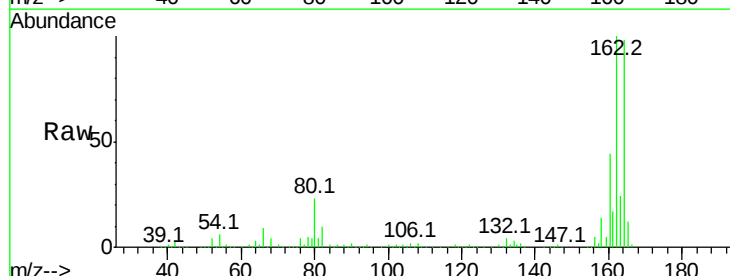


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

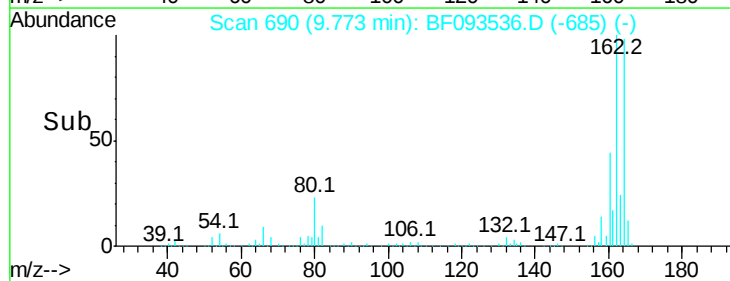
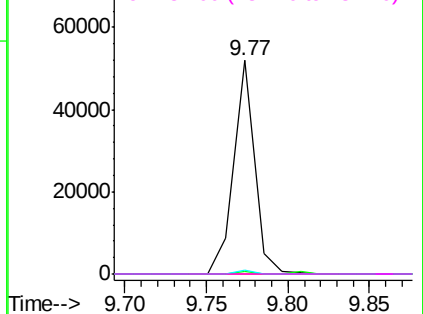


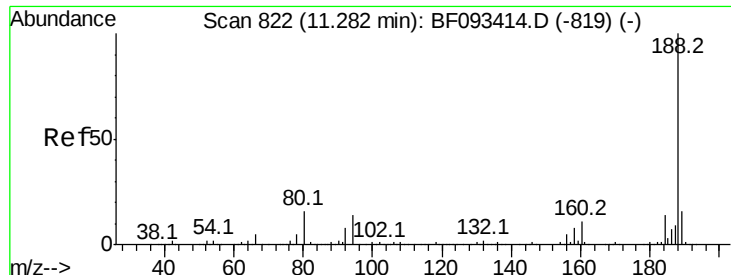
#56
 2,4-Dinitrotoluene
 Concen: 7.09 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.24 min
 Lab File: BF093536.D
 Acq: 10 Mar 2017 21:47

Tgt Ion:165 Resp: 45674
 Ion Ratio Lower Upper
 165 100
 63 1.5 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

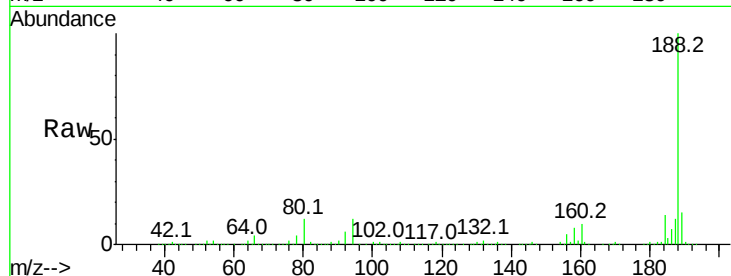




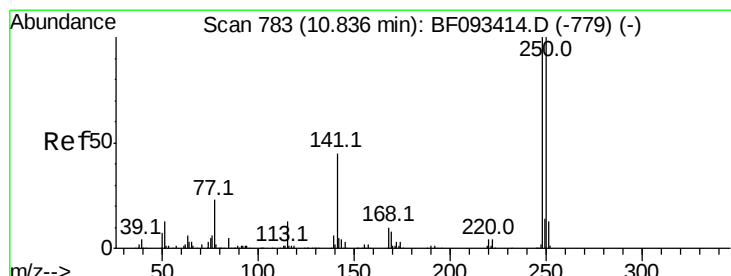
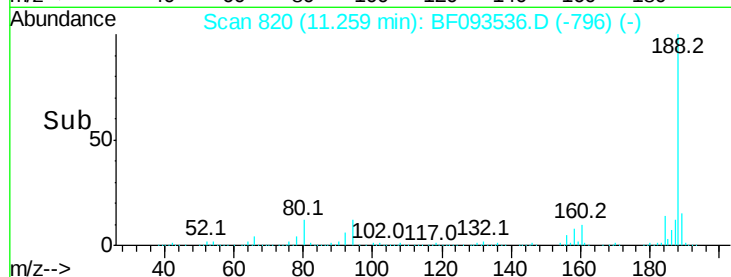
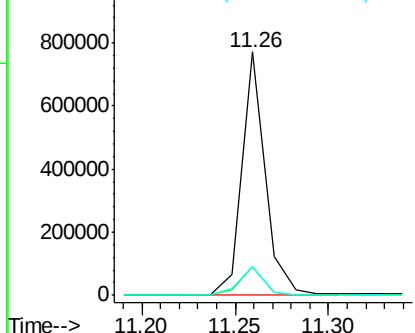
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093536.D
Acq: 10 Mar 2017 21:47

Instrument :
BNA_F
ClientSampleId :
D-55

Tot Ion:188 Resp: 677028
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 11.7 11.2 16.8

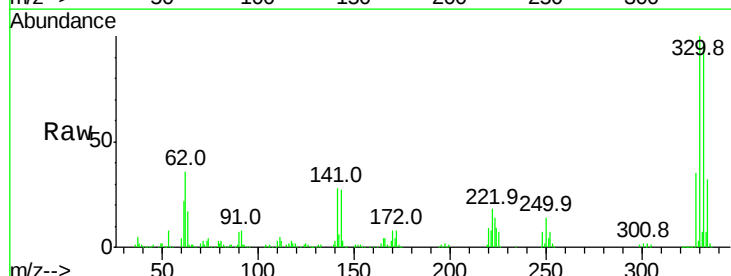


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

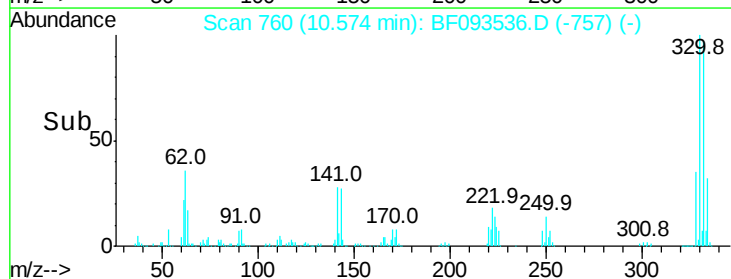
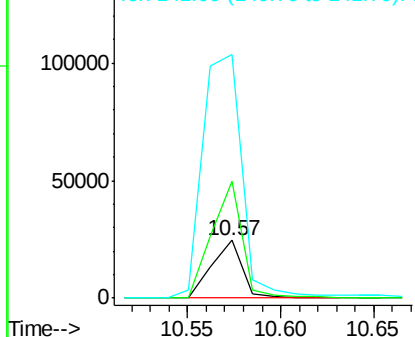


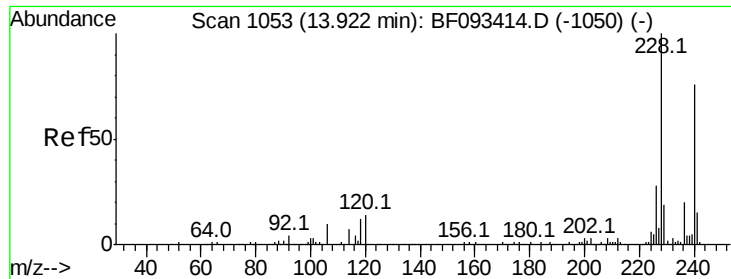
#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093536.D
Acq: 10 Mar 2017 21:47

Tgt Ion:248 Resp: 27755
Ion Ratio Lower Upper
248 100
250 203.0 76.9 115.3#
141 421.5 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: BF093536.D

Acq: 10 Mar 2017 21:47

Instrument :

BNA_F

ClientSampleId :

D-55

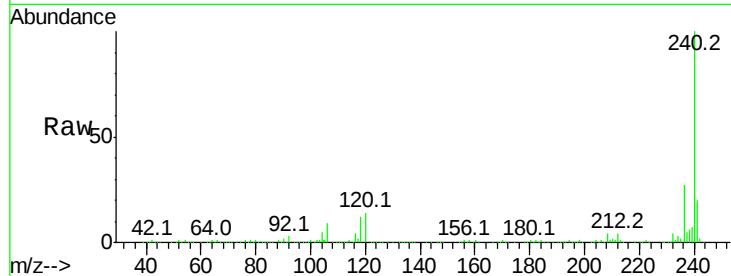
Tot Ion:240 Resp: 579467

Ion Ratio Lower Upper

240 100

120 14.2 12.9 19.3

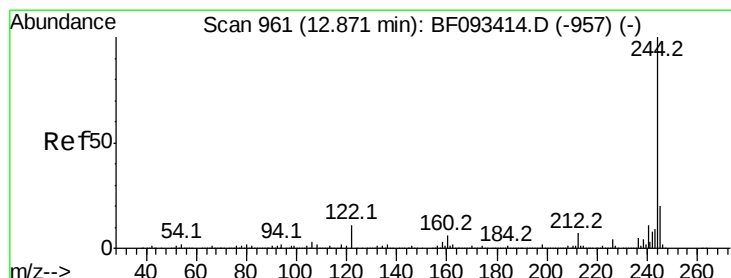
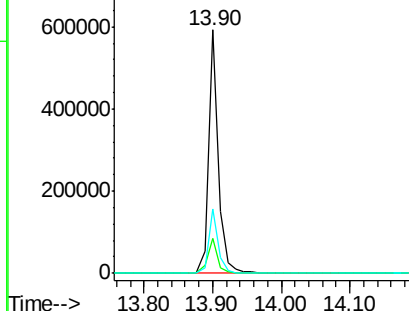
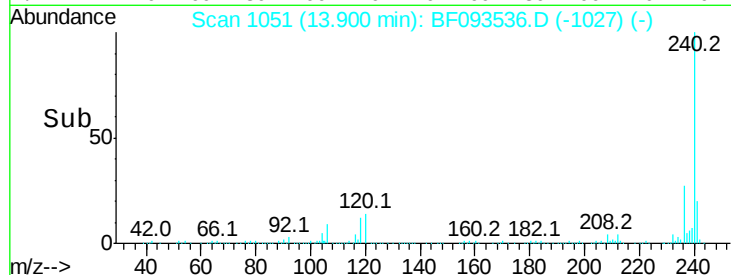
236 26.7 20.9 31.3



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: 81.05 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093536.D

Acq: 10 Mar 2017 21:47

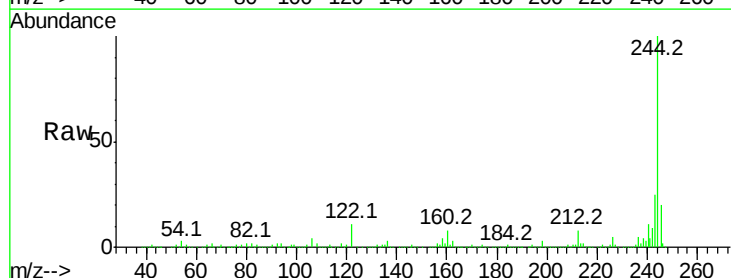
Tgt Ion:244 Resp: 1806471

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

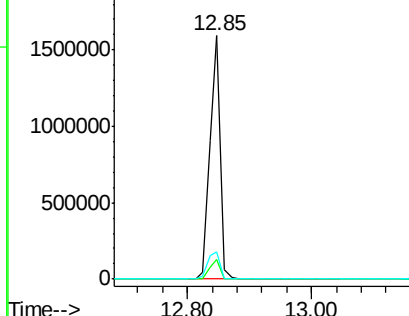
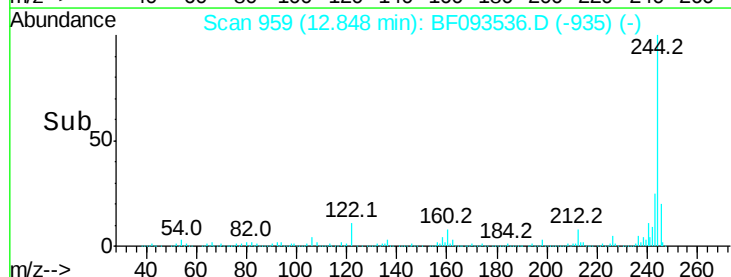
122 11.5 11.4 17.2

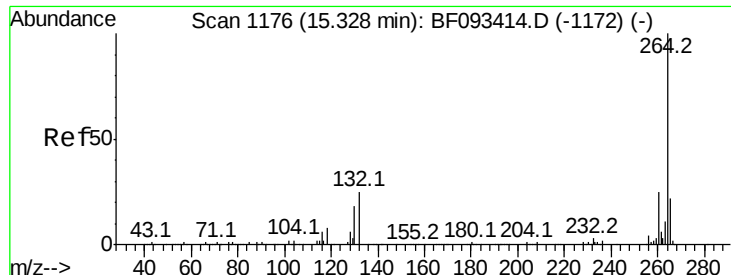


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

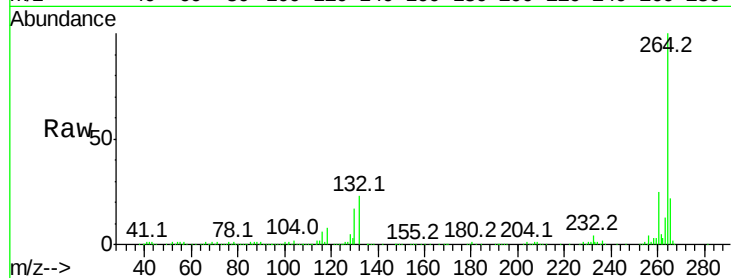




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093536.D
Acq: 10 Mar 2017 21:47

Instrument :
BNA_F
ClientSampleId :
D-55

Tot Ion:264 Resp: 400434
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.7 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

