

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093566.D
 Acq On : 11 Mar 2017 14:48
 Operator : SJ/MA
 Sample : PB97500BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 15:11:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

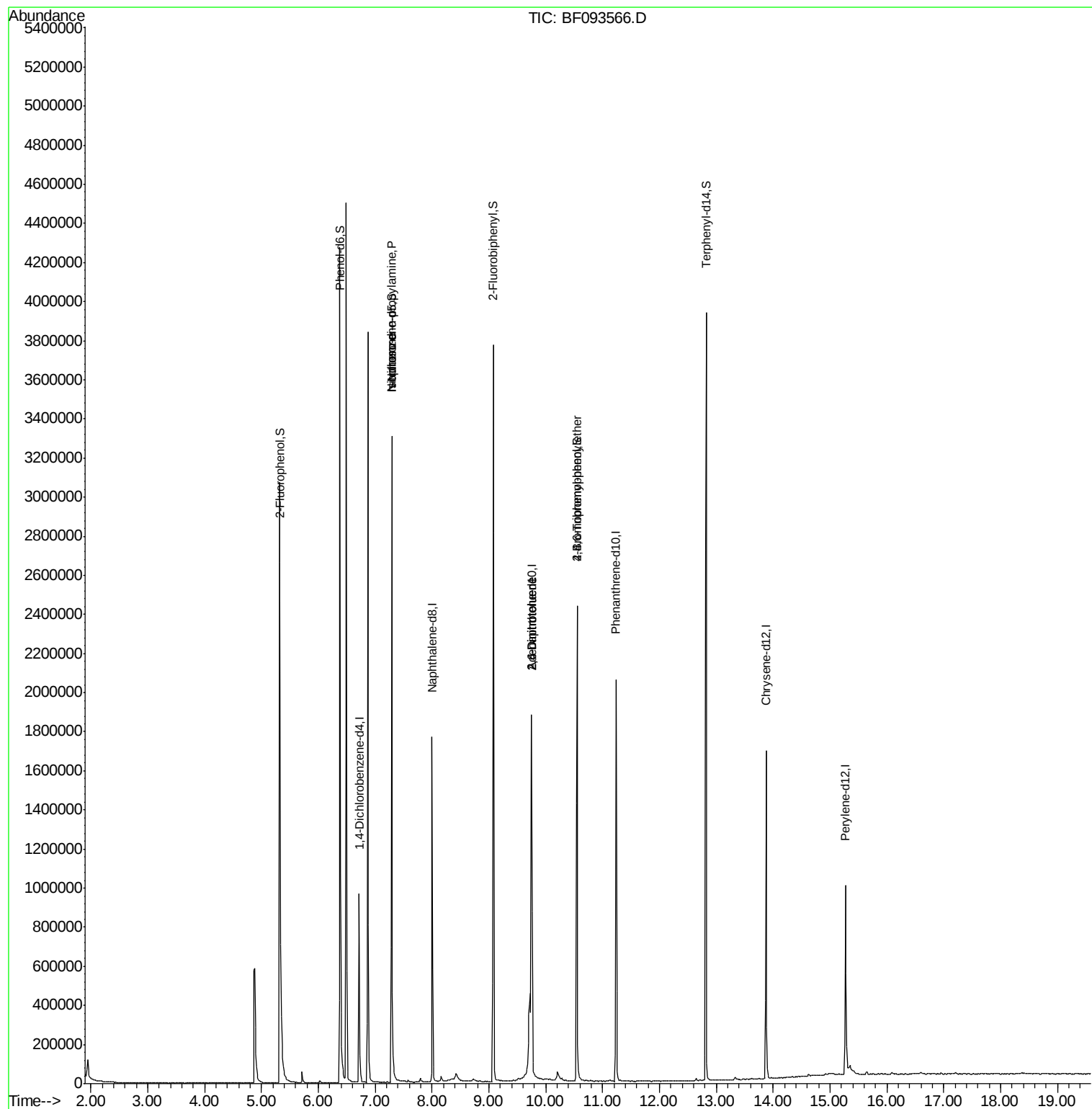
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	202273	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	811530	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	385629	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	718385	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	602282	20.00	ng	-0.01
86) Perylene-d12	15.27	264	442063	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1367212	112.50	ng	0.01
7) Phenol-d6	6.38	99	1572241	102.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	1113020	76.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	299263	119.11	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1660502	80.09	ng	-0.01
78) Terphenyl-d14	12.83	244	1507843	65.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	2324	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	149611	14.20	ng	# 83
25) Isophorone	7.29	82	1113163	37.74	ng	# 65
50) 2,6-Dinitrotoluene	9.75	165	48911	8.72	ng	# 32
56) 2,4-Dinitrotoluene	9.75	165	48911	7.10	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	23383	3.08	ng	# 1

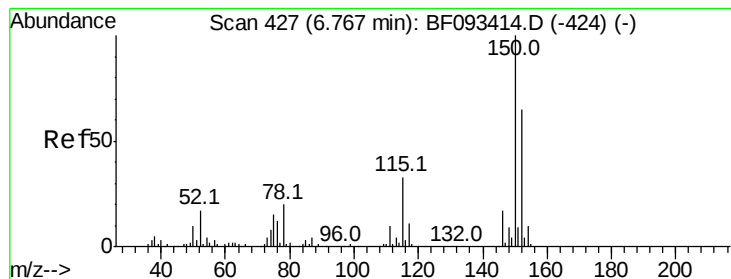
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

Instrument :

BNA_F

ClientSampleId :

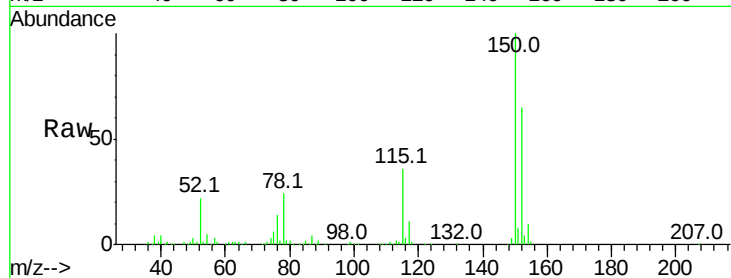
Tot Ion:152 Resp: 202273

Ion Ratio Lower Upper

152 100

150 153.0 124.9 187.3

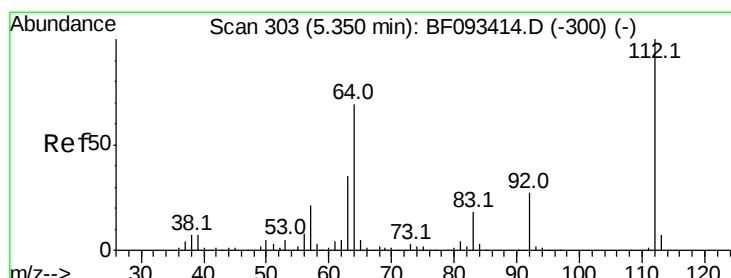
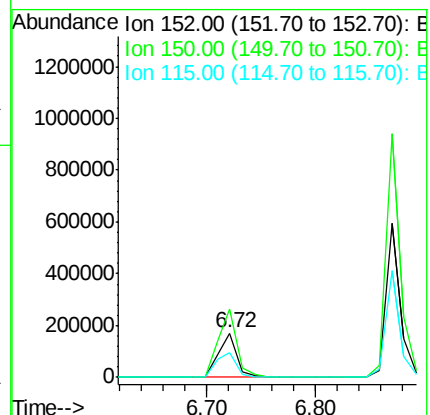
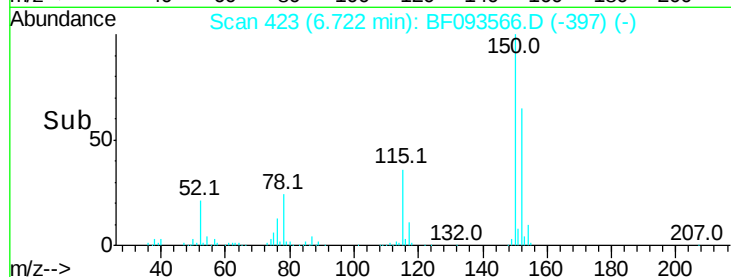
115 55.4 46.0 69.0



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: 112.50 ng

RT: 5.33 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

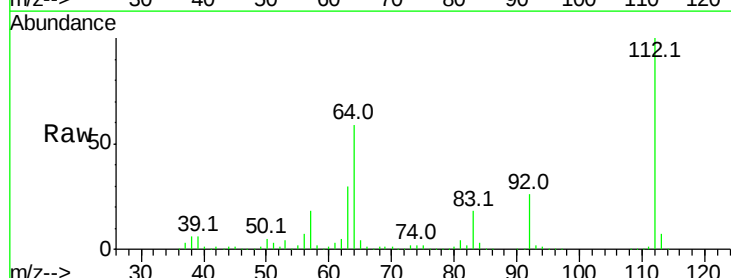
Tgt Ion:112 Resp: 1367212

Ion Ratio Lower Upper

112 100

64 59.3 46.1 69.1

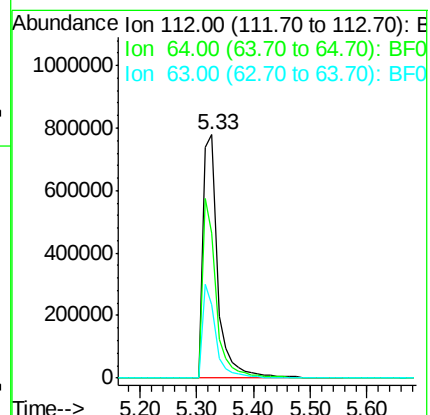
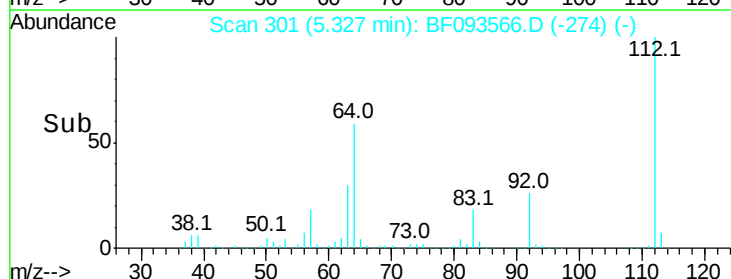
63 30.2 23.8 35.6

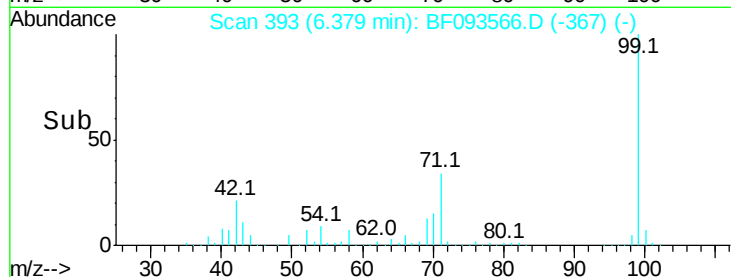
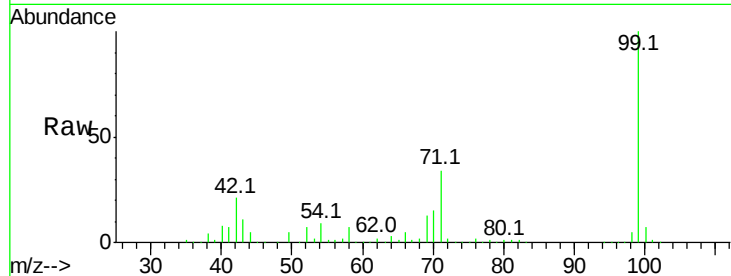
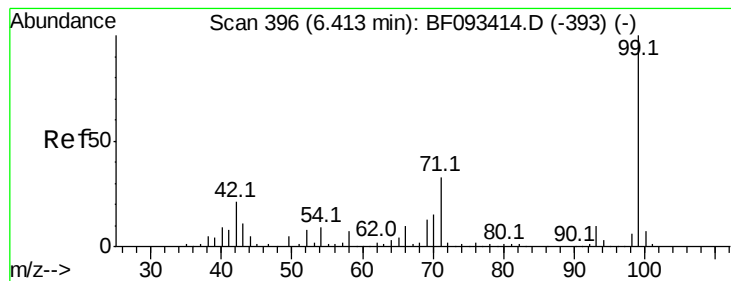


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.59 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

Instrument :

BNA_F

ClientSampleId :

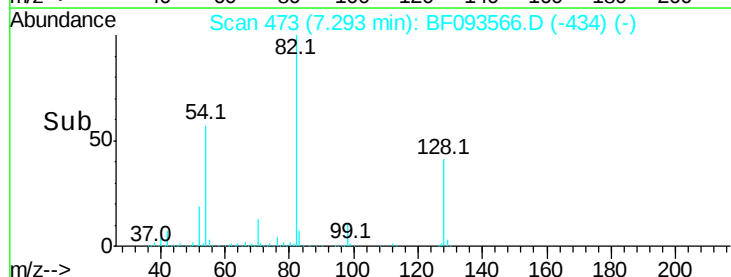
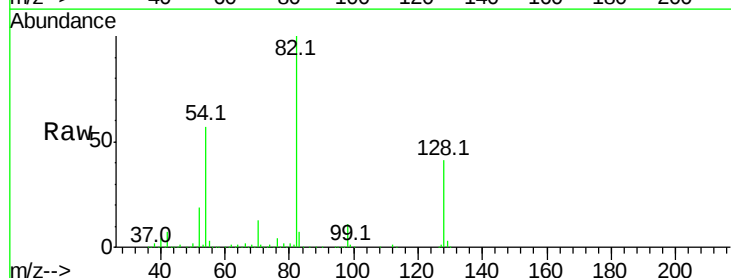
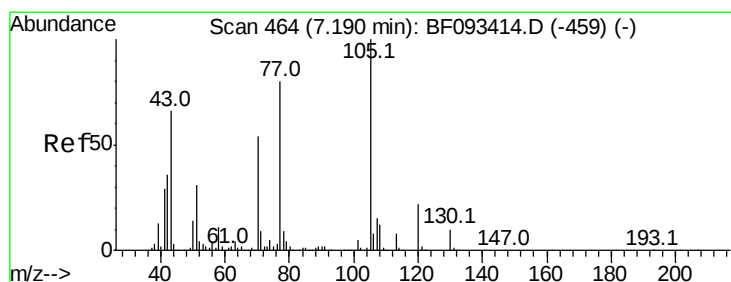
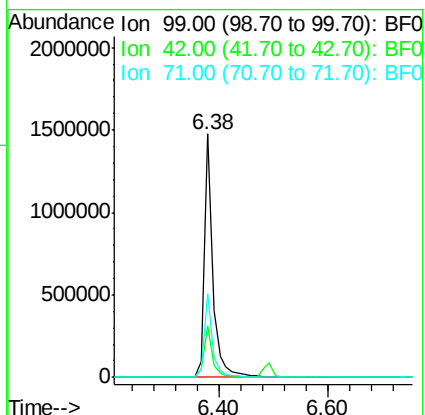
Tot Ion: 99 Resp: 1572241

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

71 34.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.20 ng

RT: 7.29 min Scan# 473

Delta R.T. 0.15 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

Tgt Ion: 70 Resp: 149611

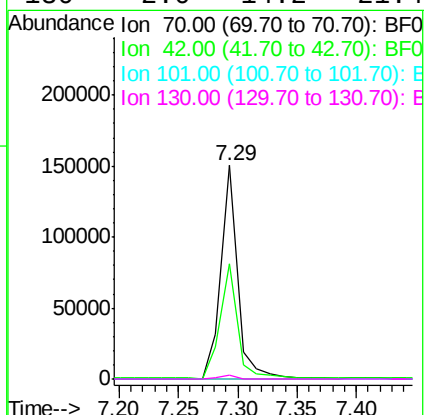
Ion Ratio Lower Upper

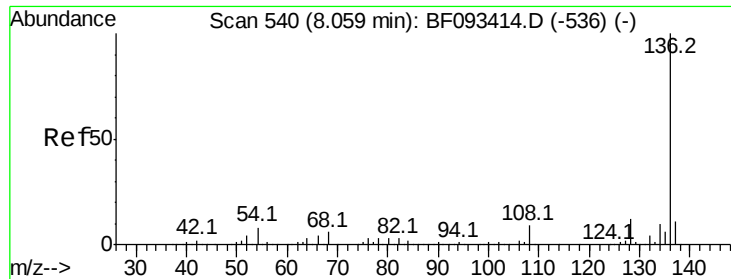
70 100

42 53.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

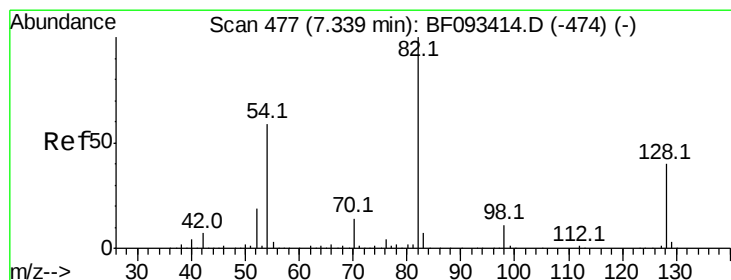
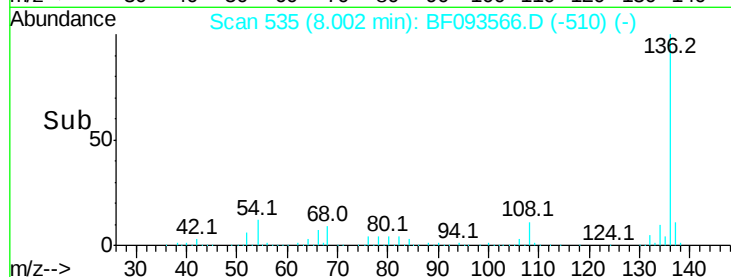
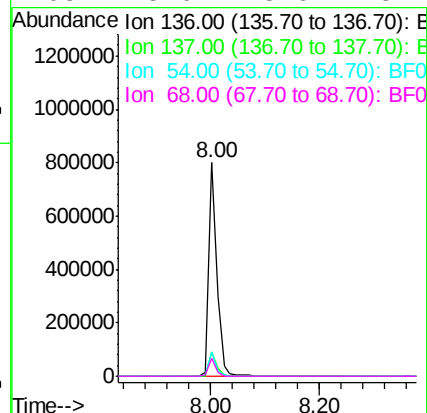
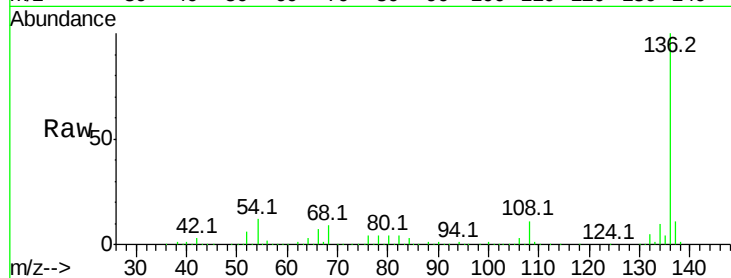




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093566.D
Acq: 11 Mar 2017 14:48

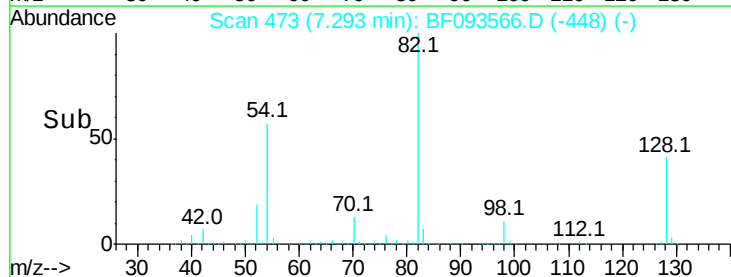
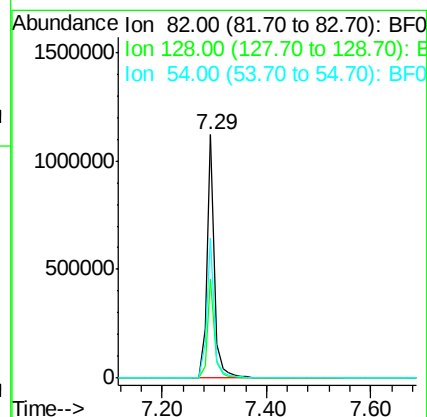
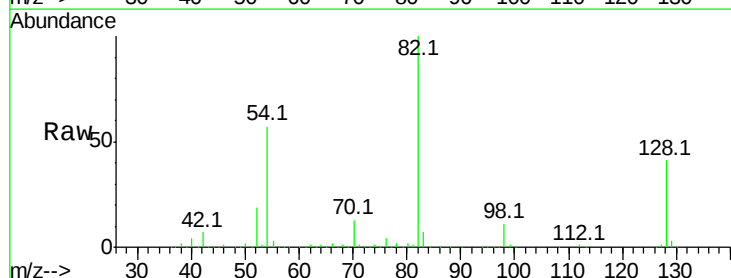
Instrument :
BNA_F
ClientSampleId :

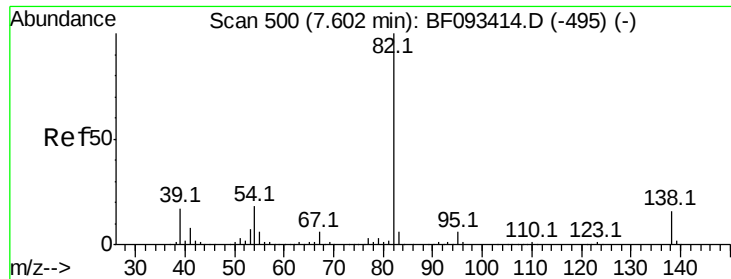
Tot Ion:	136	Resp:	811530
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.7	4.5	6.7#
68	8.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 76.10 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093566.D
Acq: 11 Mar 2017 14:48

Tgt Ion:	82	Resp:	1113020
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	57.5	39.5	59.3





#25

Isophorone

Concen: 37.74 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.26 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

Instrument :

BNA_F

ClientSampleId :

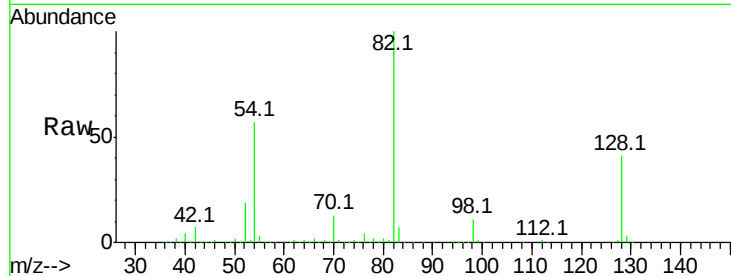
Tot Ion: 82 Resp: 1113163

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

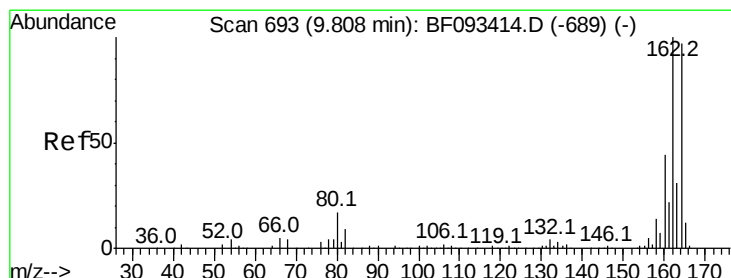
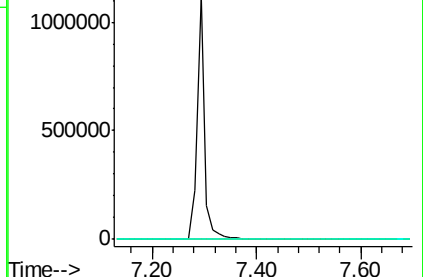
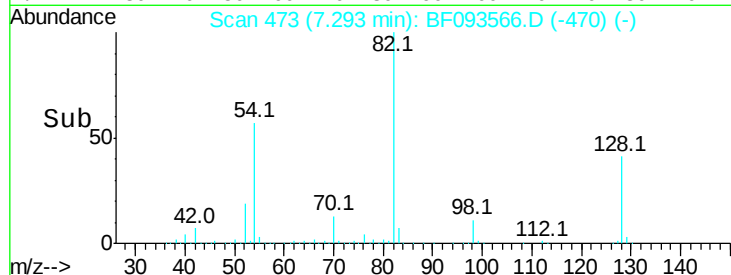
138 0.0 14.6 22.0#



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: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093566.D

Acq: 11 Mar 2017 14:48

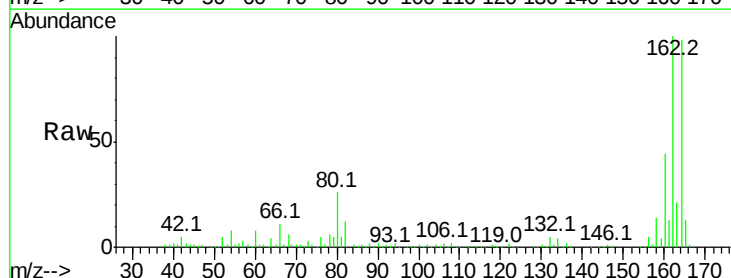
Tgt Ion:164 Resp: 385629

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

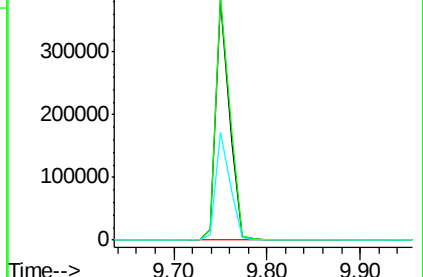
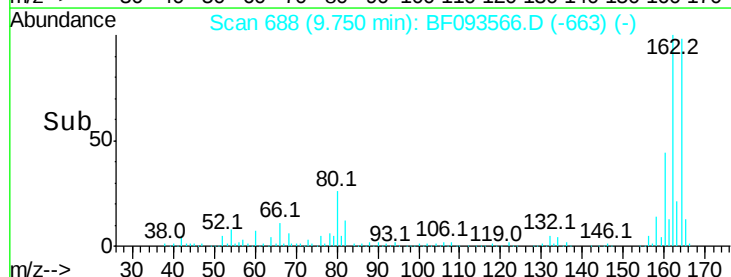
160 45.0 36.9 55.3

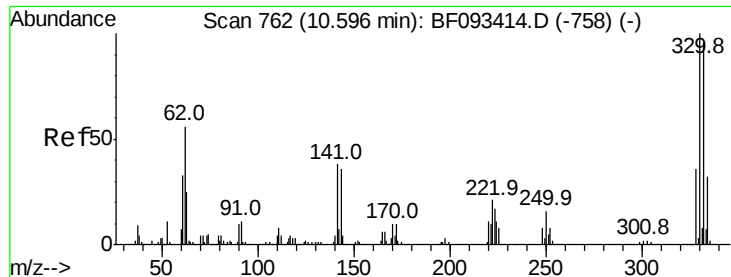


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

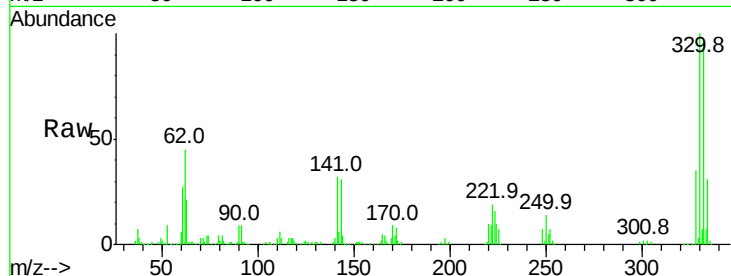




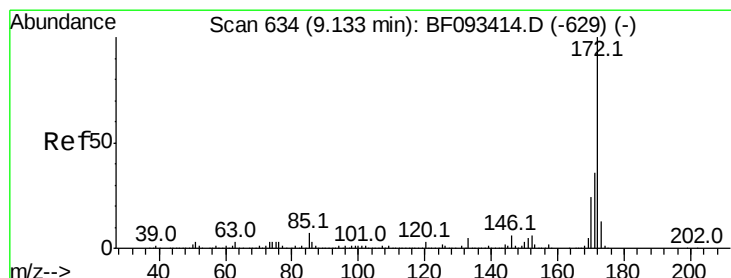
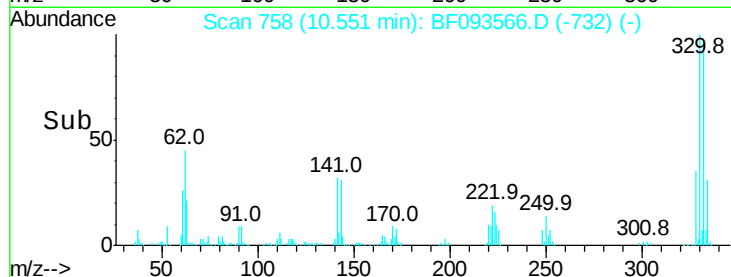
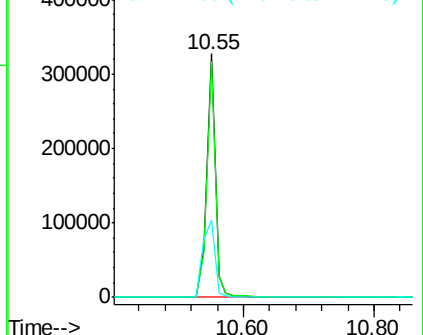
#41
 2,4,6-Tribromophenol
 Concen: 119.11 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093566.D
 Acq: 11 Mar 2017 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 299263
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 44.8 34.1 51.1

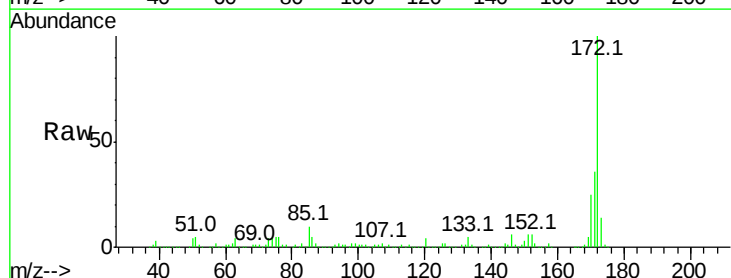


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

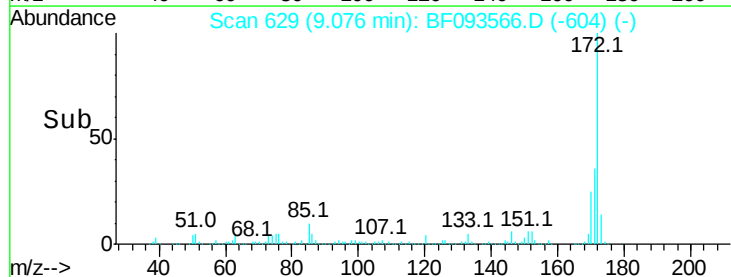
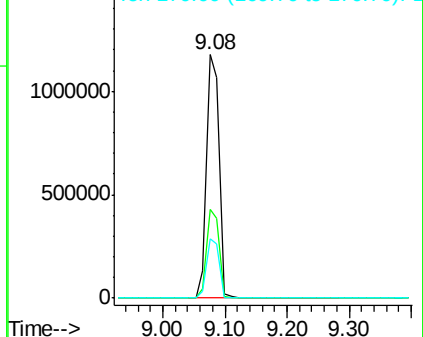


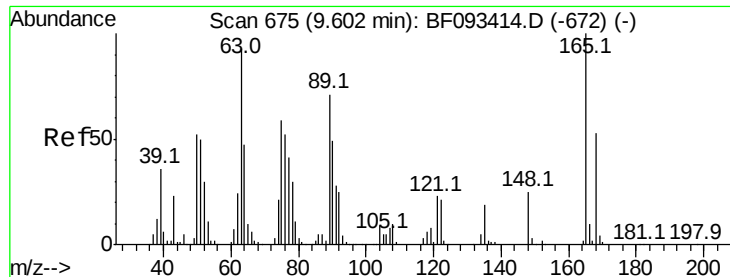
#44
 2-Fluorobiphenyl
 Concen: 80.09 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093566.D
 Acq: 11 Mar 2017 14:48

Tgt Ion:172 Resp: 1660502
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 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

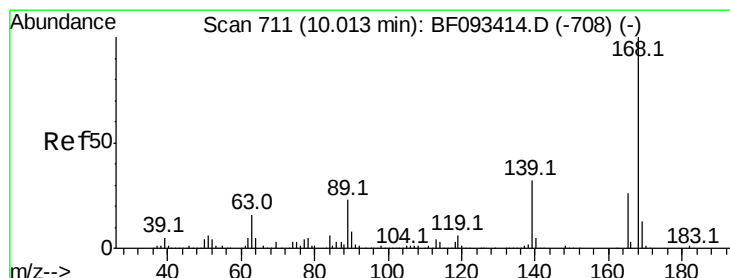
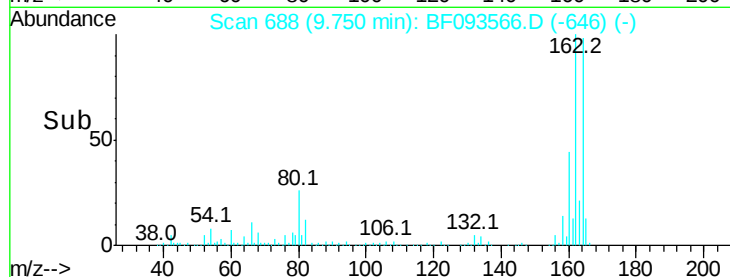
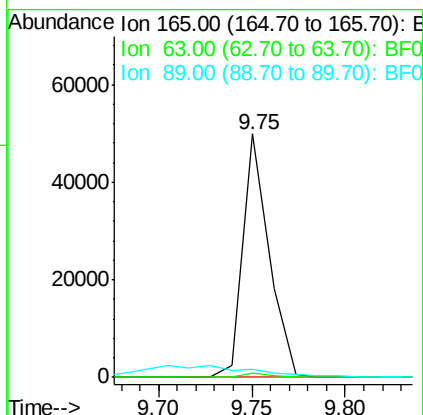
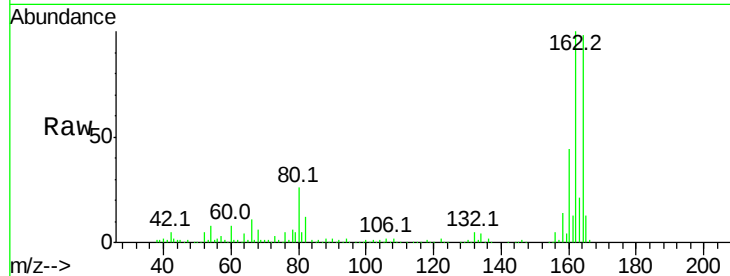




#50
2,6-Dinitrotoluene
Concen: 8.72 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.18 min
Lab File: BF093566.D
Acq: 11 Mar 2017 14:48

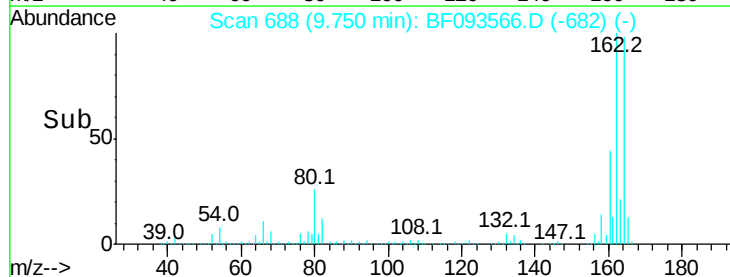
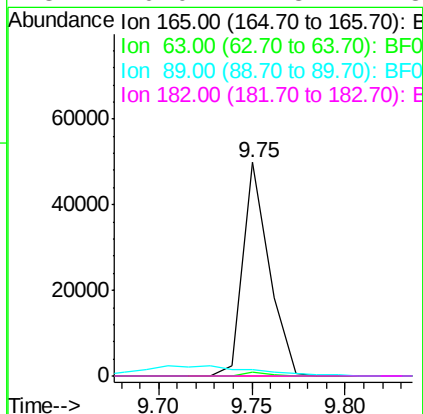
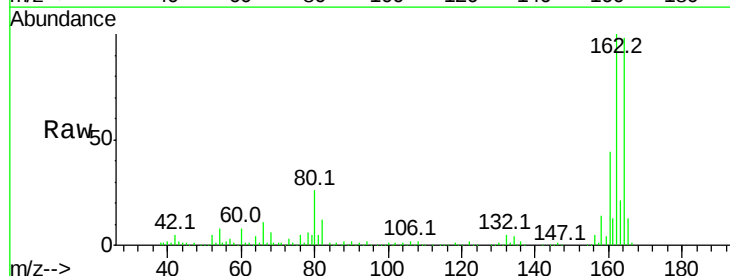
Instrument :
BNA_F
ClientSampleId :

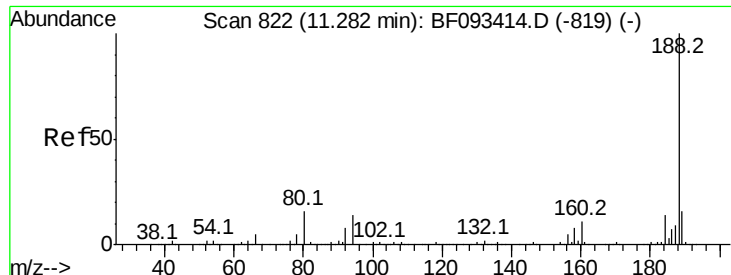
Tot Ion:165 Resp: 48911
Ion Ratio Lower Upper
165 100
63 1.6 36.2 54.4#
89 3.1 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 7.10 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.23 min
Lab File: BF093566.D
Acq: 11 Mar 2017 14:48

Tgt Ion:165 Resp: 48911
Ion Ratio Lower Upper
165 100
63 1.6 40.2 60.4#
89 3.1 62.5 93.7#
182 0.0 1.8 2.8#

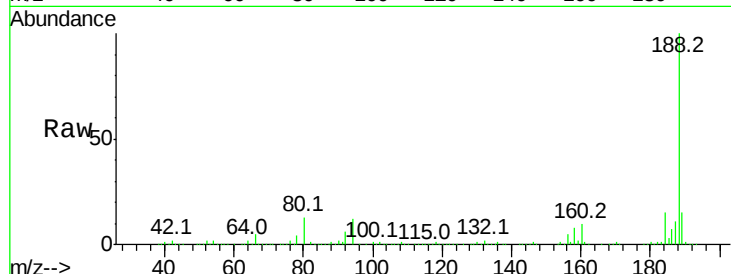




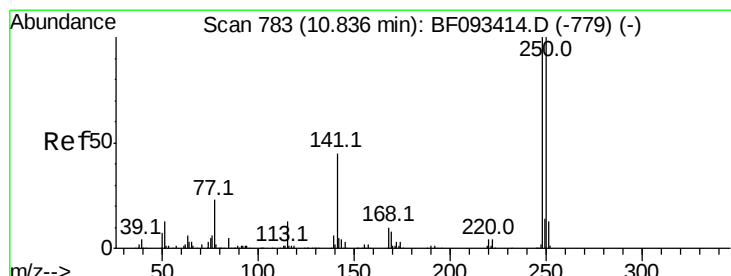
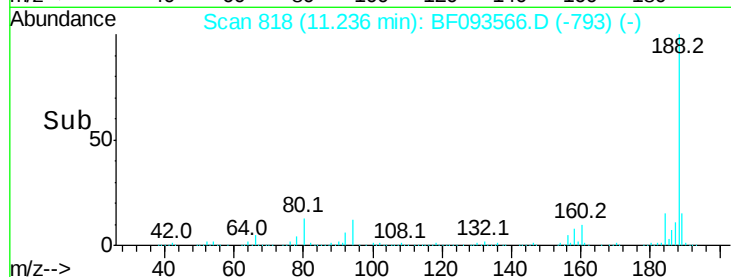
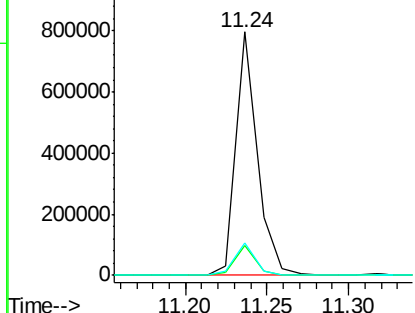
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF093566.D
Acq: 11 Mar 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 718385
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 13.4 11.2 16.8

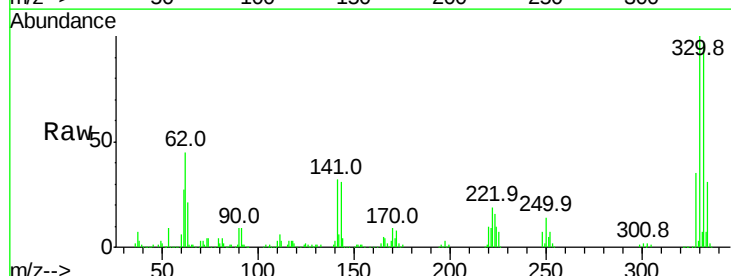


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

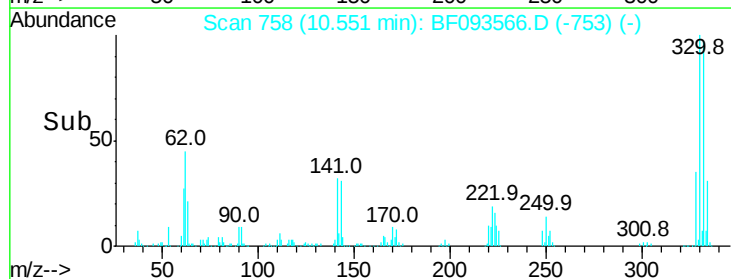
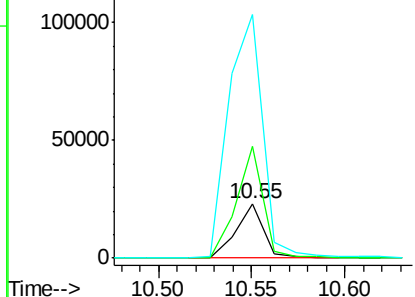


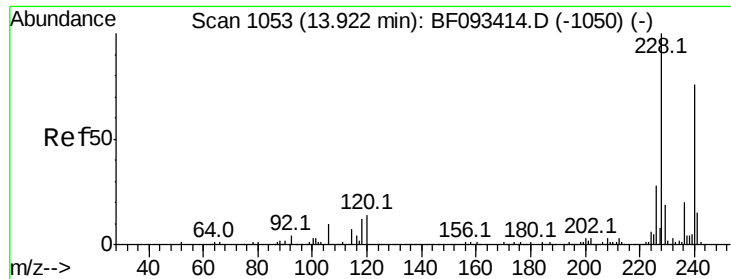
#66
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093566.D
Acq: 11 Mar 2017 14:48

Tgt Ion:248 Resp: 23383
Ion Ratio Lower Upper
248 100
250 205.0 76.9 115.3#
141 449.0 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

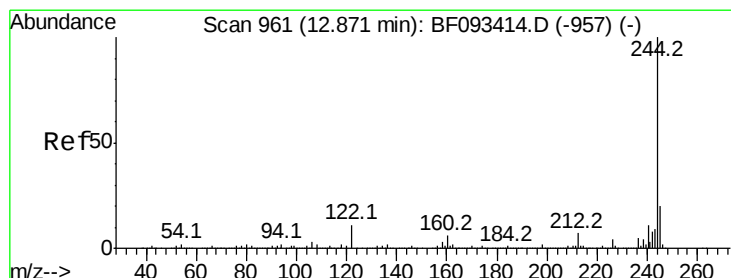
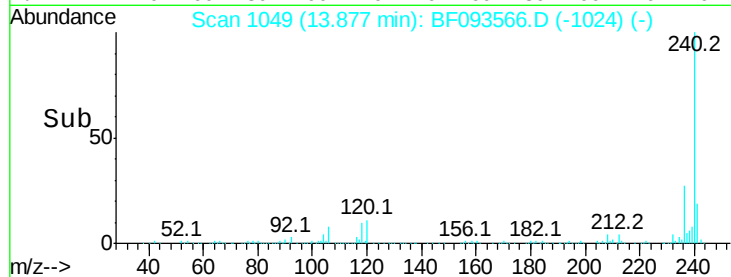
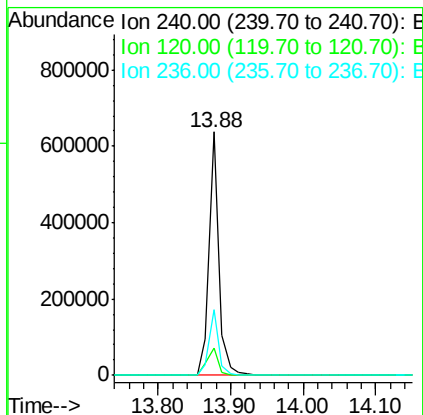
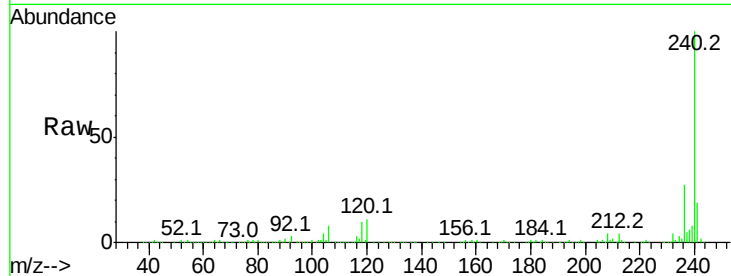




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF093566.D
 Acq: 11 Mar 2017 14:48

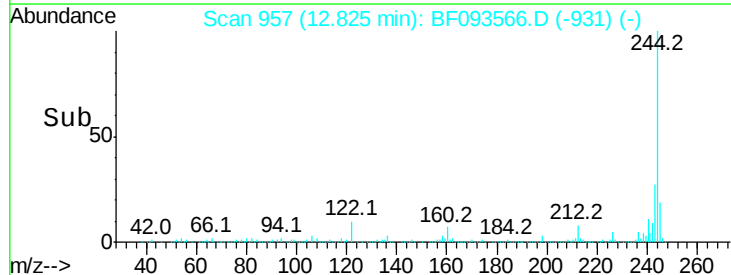
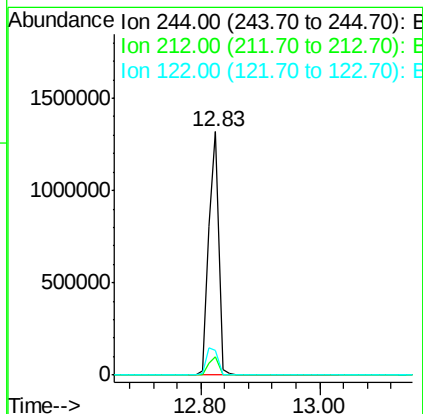
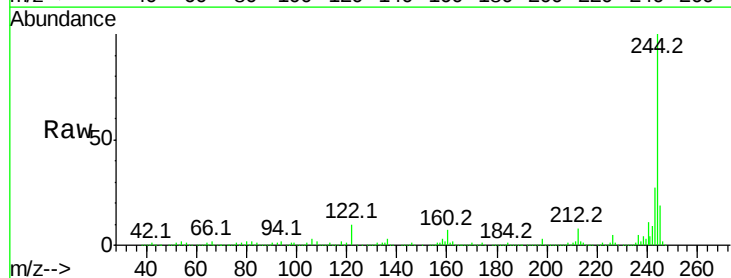
Instrument :
 BNA_F
 ClientSampleId :

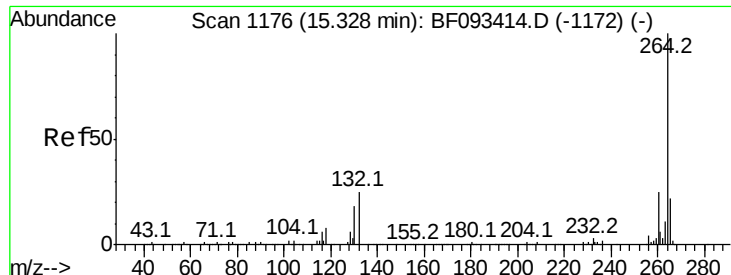
Tot Ion:240 Resp: 602282
 Ion Ratio Lower Upper
 240 100
 120 11.2 12.9 19.3#
 236 26.8 20.9 31.3



#78
 Terphenyl-d14
 Concen: 65.09 ng
 RT: 12.83 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF093566.D
 Acq: 11 Mar 2017 14:48

Tgt Ion:244 Resp: 1507843
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.2 11.4 17.2#

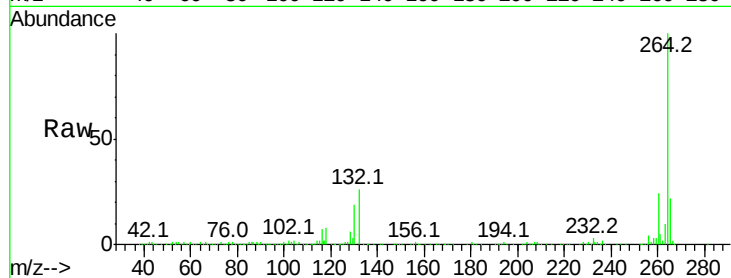




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093566.D
 Acq: 11 Mar 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 442063
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.6 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

