

Data Path : Z:\HPCHEM1\BNA F\Data\BF031017\
 Data File : BF093563.D
 Acq On : 11 Mar 2017 10:24
 Operator : SJ/MA
 Sample : I2208-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 14:25:46 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

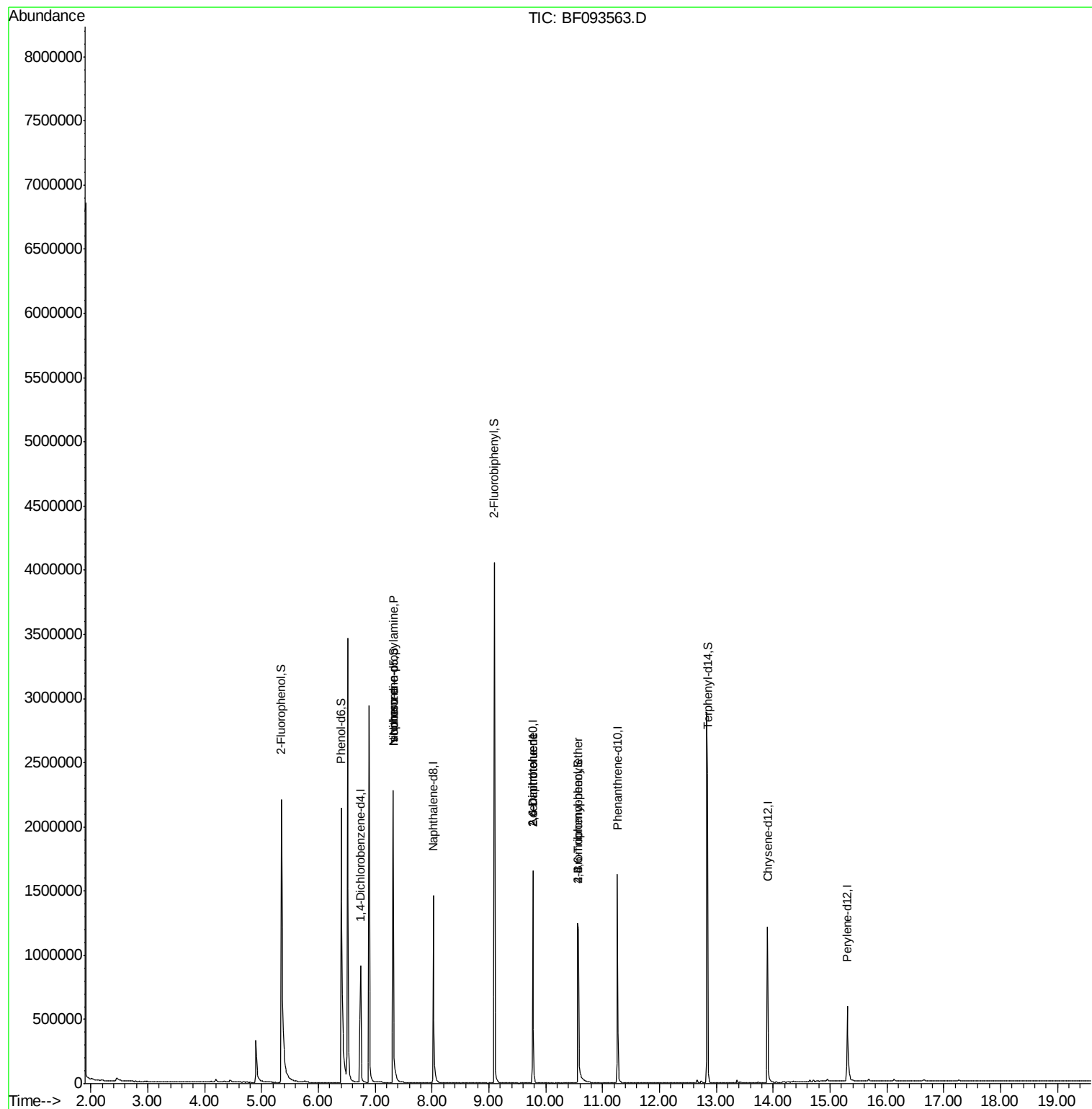
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	176534	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	729732	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	331960	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	629985	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	472661	20.00	ng	-0.02
86) Perylene-d12	15.31	264	315908	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1046417	98.65	ng	0.00
7) Phenol-d6	6.40	99	1322567	98.88	ng	-0.01
23) Nitrobenzene-d5	7.32	82	856848	65.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	223346	103.27	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1239141	69.43	ng	-0.03
78) Terphenyl-d14	12.85	244	1242004	68.32	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.40	77	1728	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	112658	12.25	ng	# 81
25) Isophorone	7.32	82	859524	32.41	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	40492	8.39	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	40493	6.83	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	17292	2.60	ng	# 1

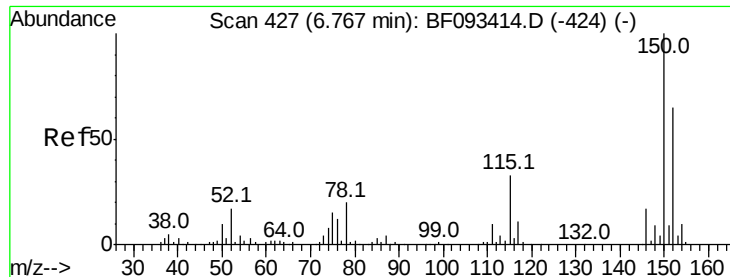
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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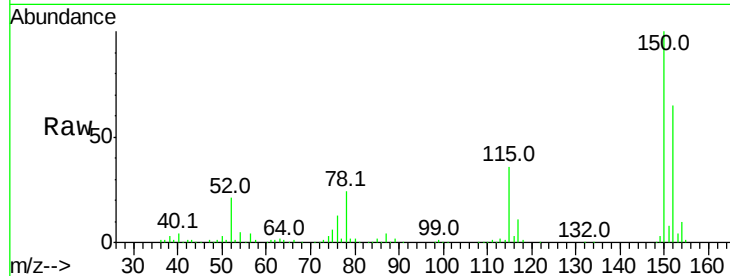


#1

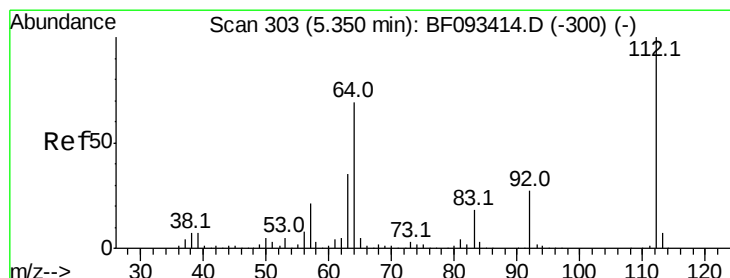
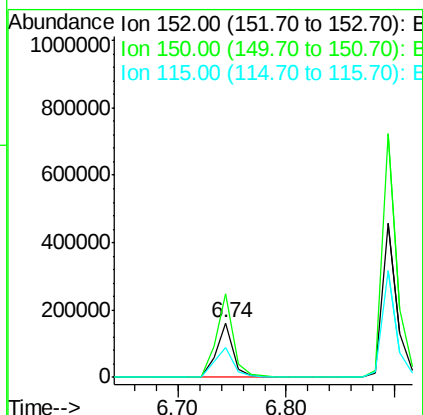
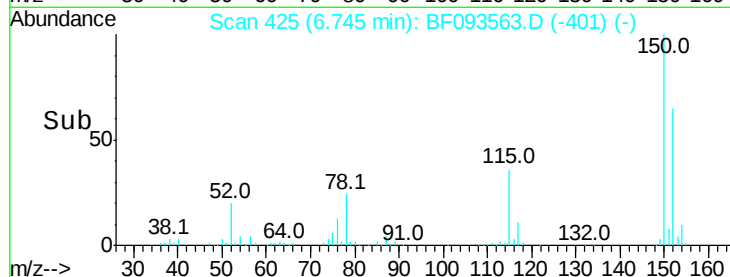
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093563.D
Acq: 11 Mar 2017 10:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 176534
Ion Ratio Lower Upper
152 100
150 153.1 124.9 187.3
115 54.9 46.0 69.0



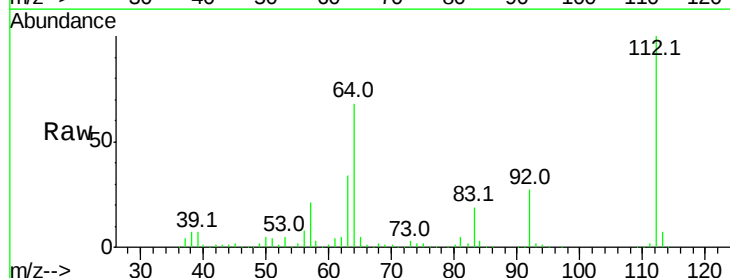
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



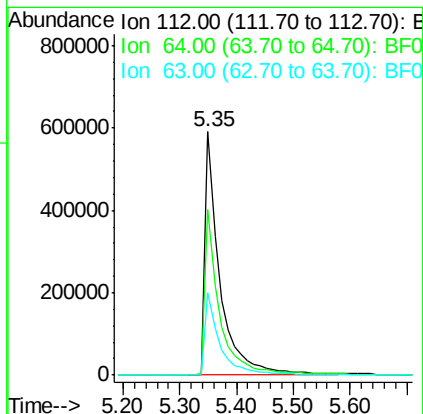
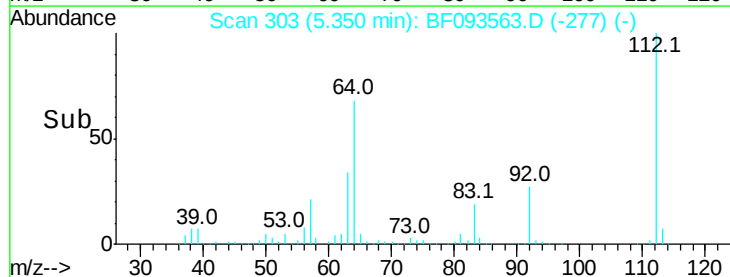
#5

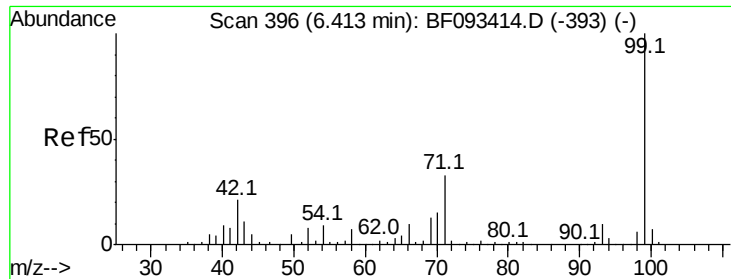
2-Fluorophenol
Concen: 98.65 ng
RT: 5.35 min Scan# 303
Delta R.T. 0.00 min
Lab File: BF093563.D
Acq: 11 Mar 2017 10:24

Tgt Ion:112 Resp: 1046417
Ion Ratio Lower Upper
112 100
64 68.1 46.1 69.1
63 33.9 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: 98.88 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093563.D

Acq: 11 Mar 2017 10:24

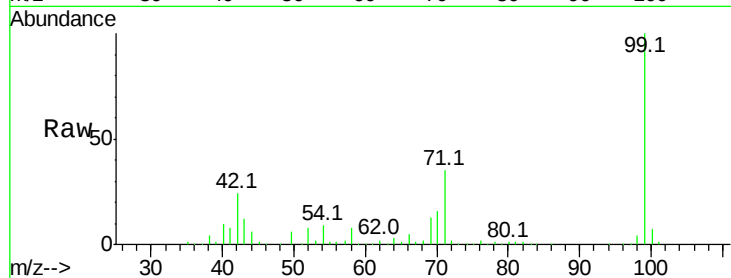
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1322567

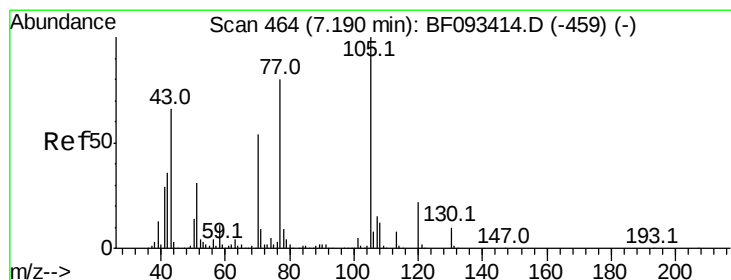
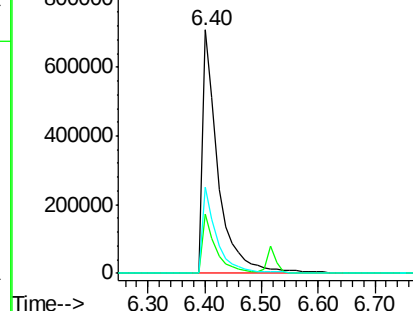
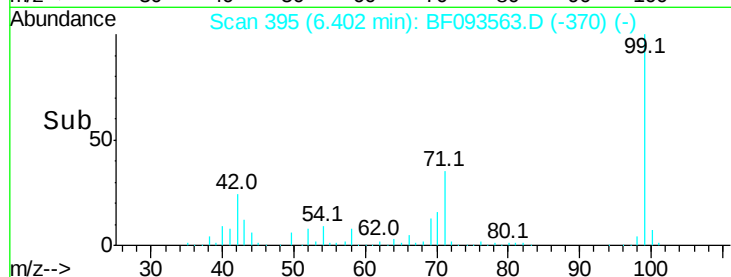
Ion	Ratio	Lower	Upper
99	100		
42	24.3	15.6	23.4#
71	35.5	27.5	41.3



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: 12.25 ng

RT: 7.32 min Scan# 475

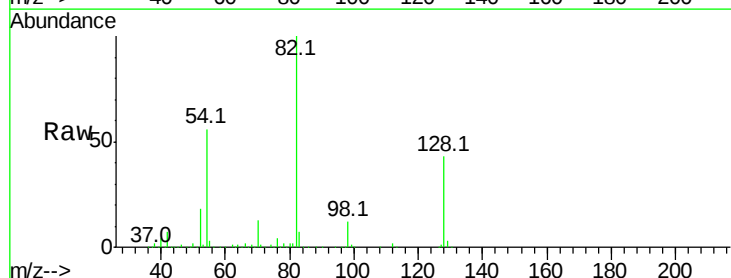
Delta R.T. 0.13 min

Lab File: BF093563.D

Acq: 11 Mar 2017 10:24

Tgt Ion: 70 Resp: 112658

Ion	Ratio	Lower	Upper
70	100		
42	51.1	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

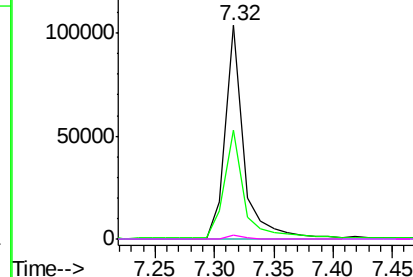
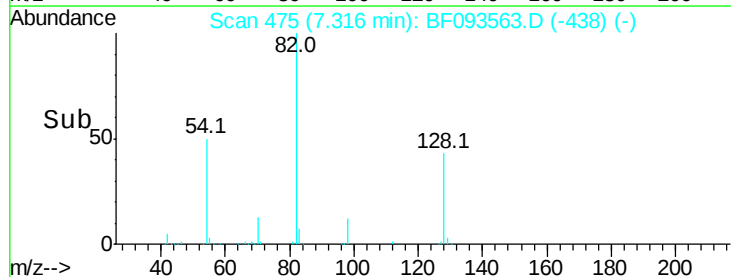


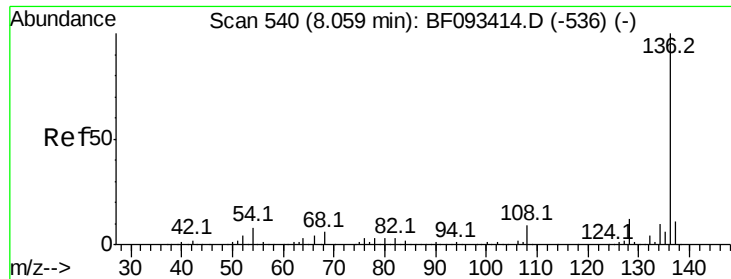
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

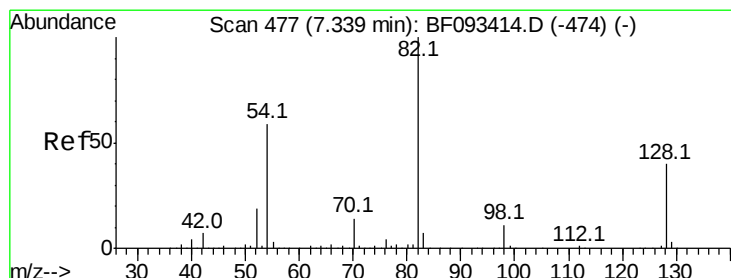
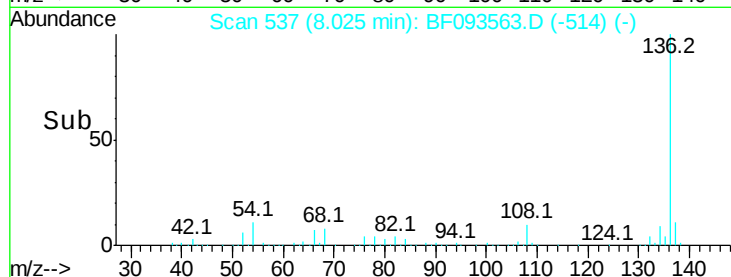
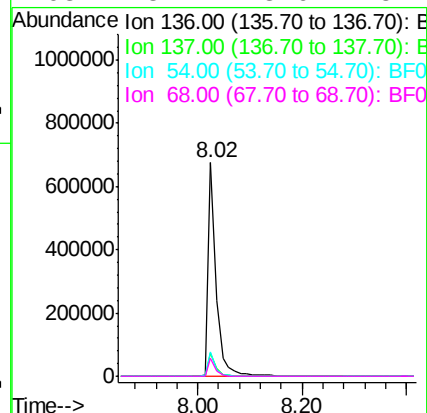
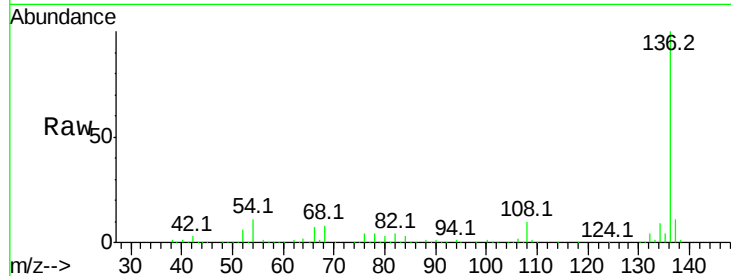




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093563.D
Acq: 11 Mar 2017 10:24

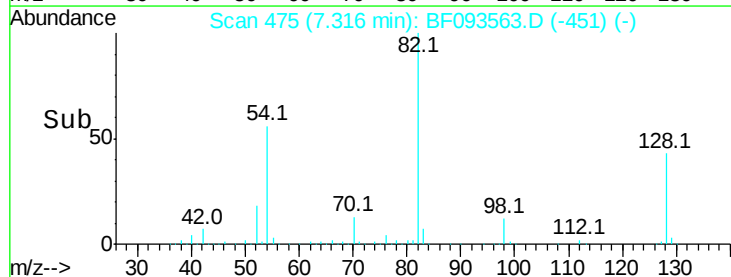
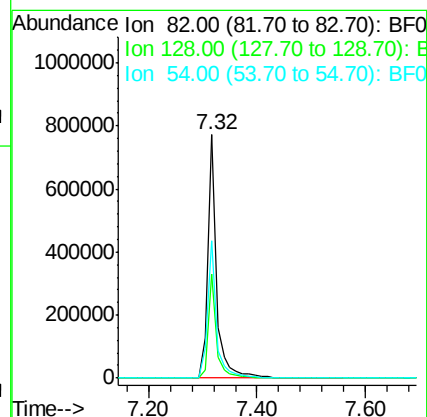
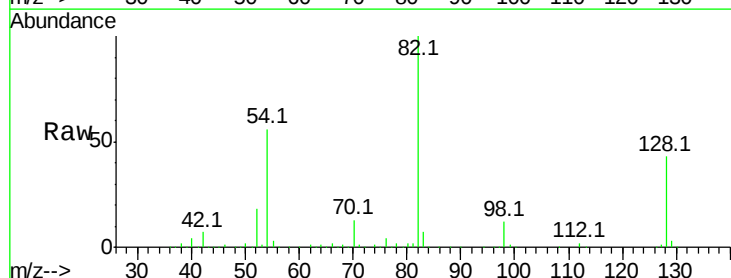
Instrument :
BNA_F
ClientSampleId :

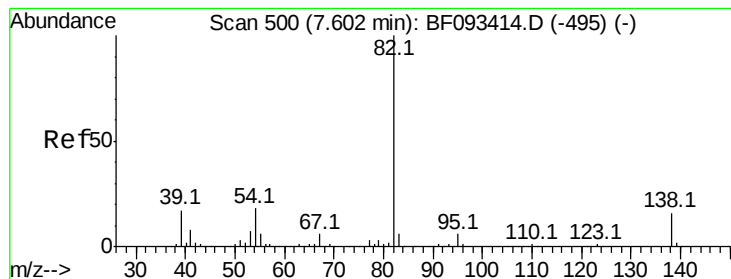
Tot Ion:	136	Resp:	729732
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	11.4	4.5	6.7#
68	8.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 65.15 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093563.D
Acq: 11 Mar 2017 10:24

Tgt Ion:	82	Resp:	856848
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	52.0
54	56.3	39.5	59.3





#25

Isophorone

Concen: 32.41 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093563.D

Acq: 11 Mar 2017 10:24

Instrument :

BNA_F

ClientSampleId :

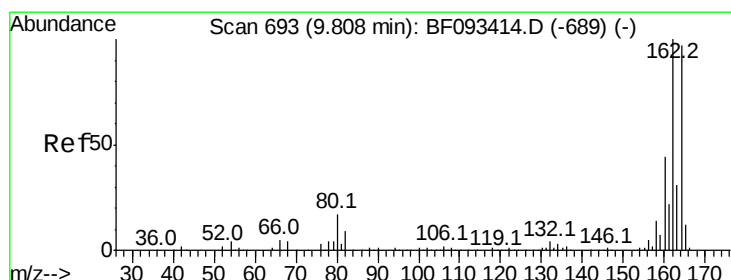
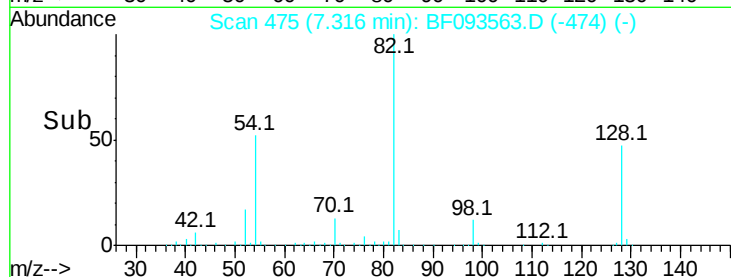
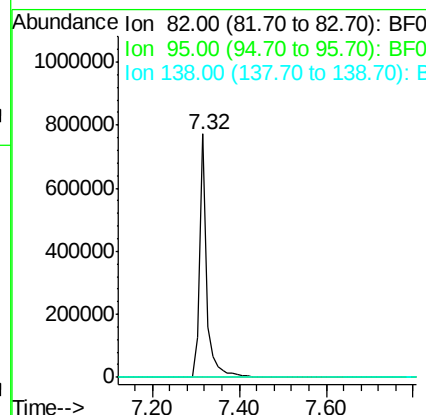
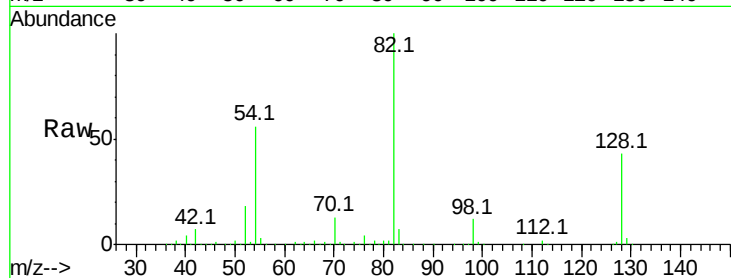
Tot Ion: 82 Resp: 859524

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: BF093563.D

Acq: 11 Mar 2017 10:24

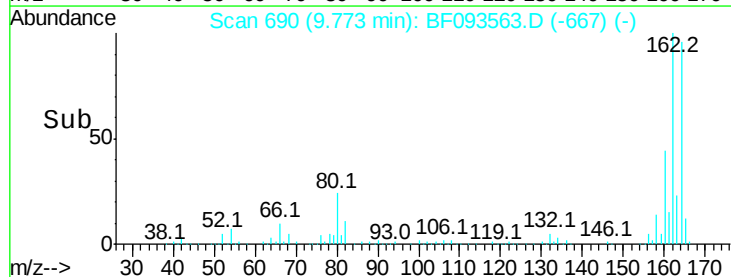
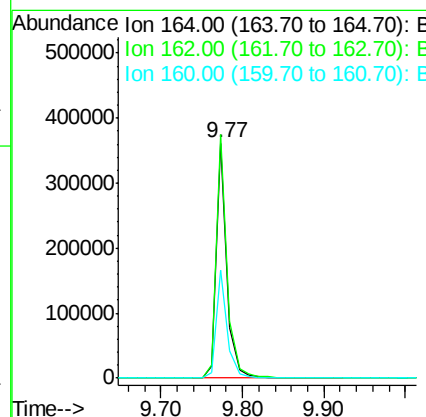
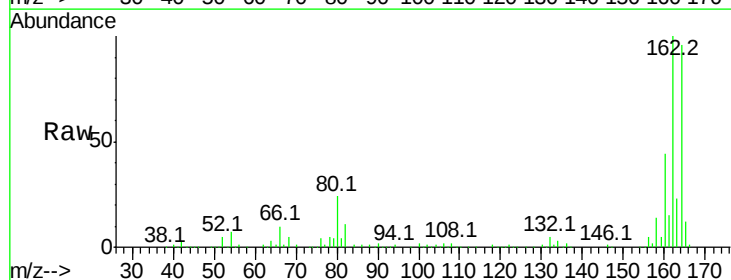
Tgt Ion: 164 Resp: 331960

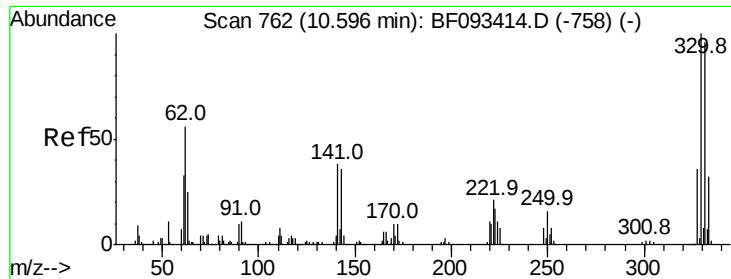
Ion Ratio Lower Upper

164 100

162 103.7 80.2 120.2

160 45.9 36.9 55.3

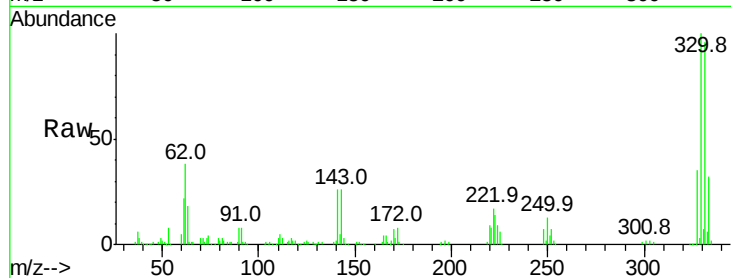




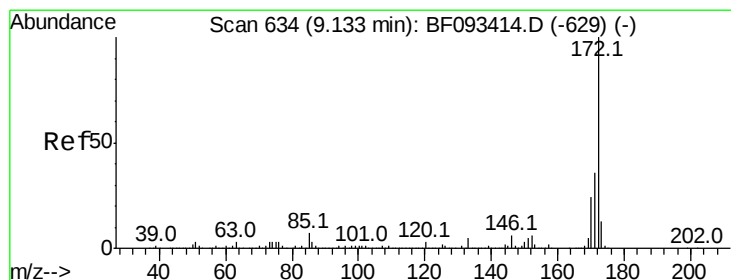
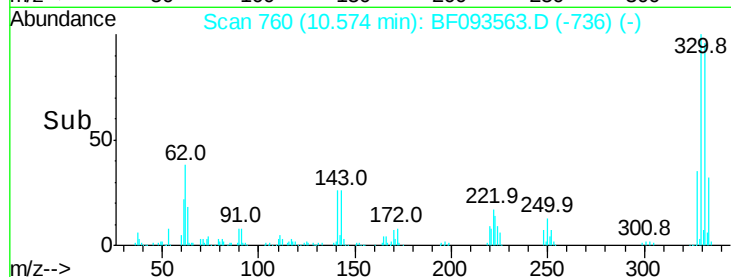
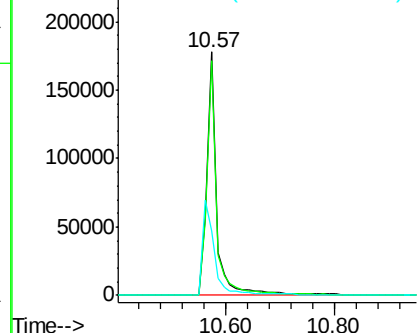
#41
 2,4,6-Tribromophenol
 Concen: 103.27 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	48.4	34.1	51.1

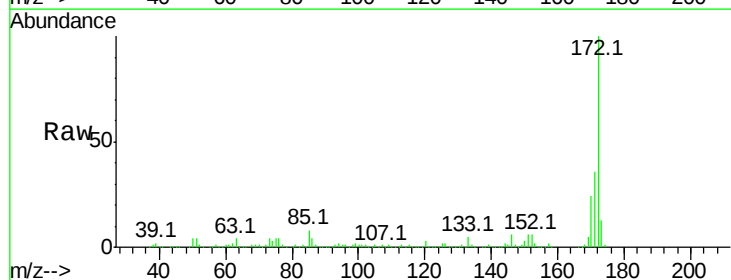


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

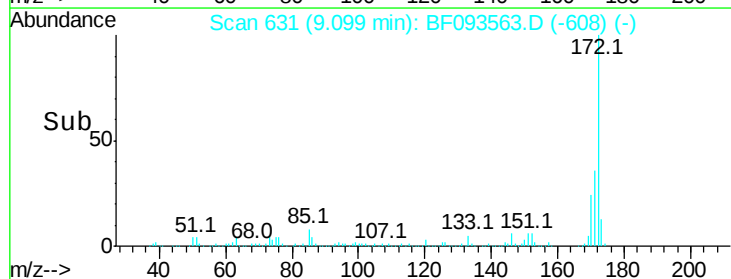
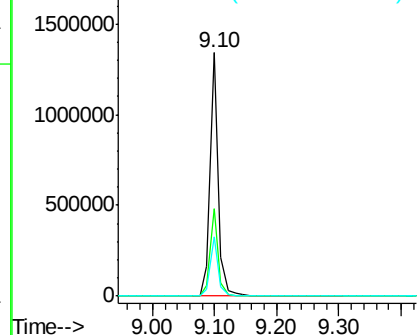


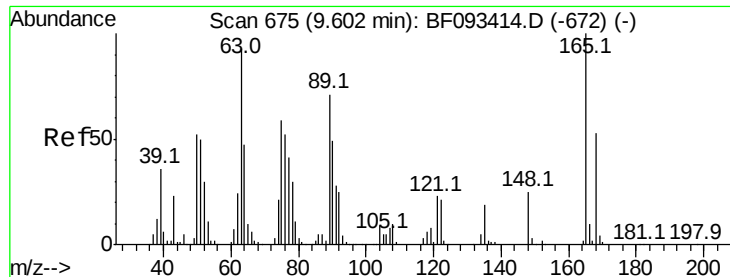
#44
 2-Fluorobiphenyl
 Concen: 69.43 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.2	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

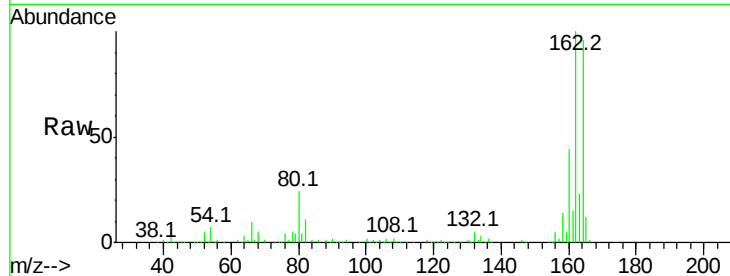




#50
 2,6-Dinitrotoluene
 Concen: 8.39 ng
 RT: 9.77 min Scan# 690
 Delta R.T. 0.17 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :

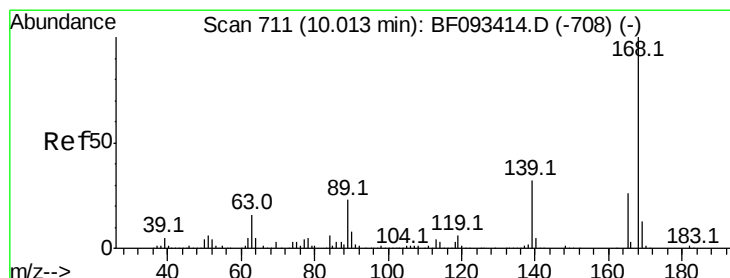
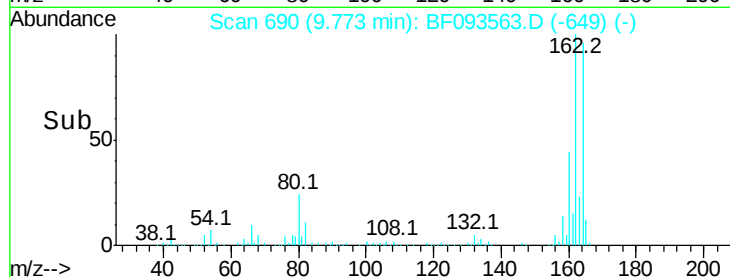
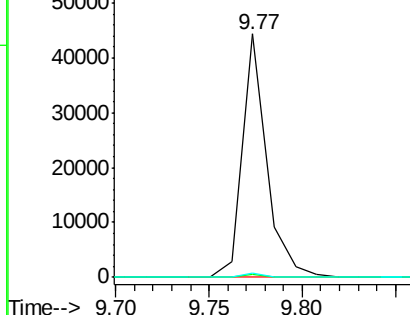
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.7	40.2	60.4#



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: 6.83 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.24 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

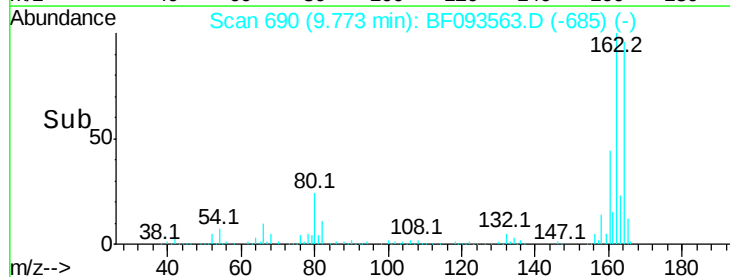
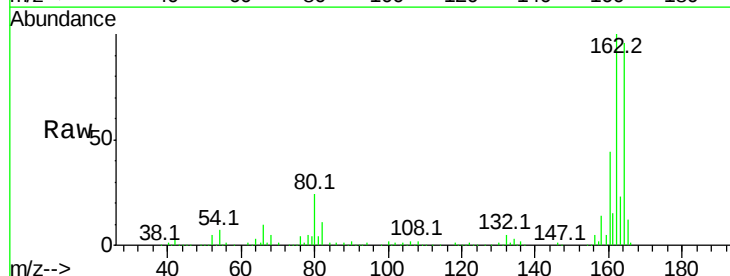
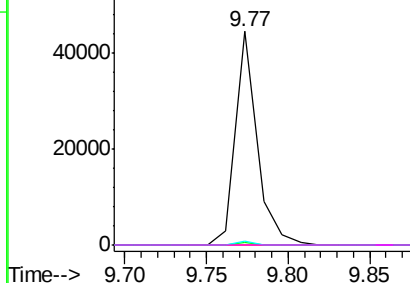
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#

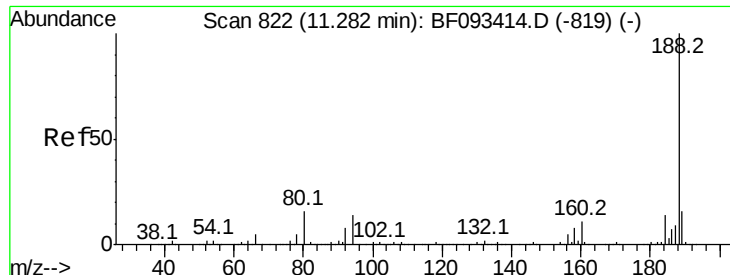
Abundance Ion 165.00 (164.70 to 165.70): E

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

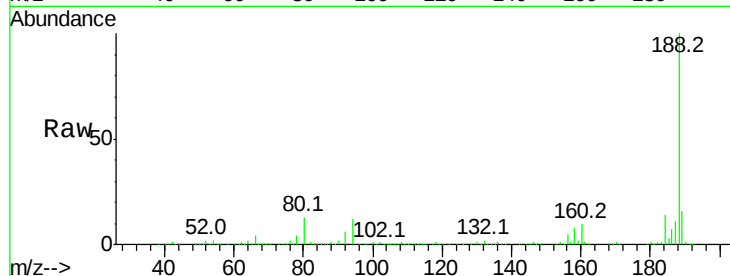




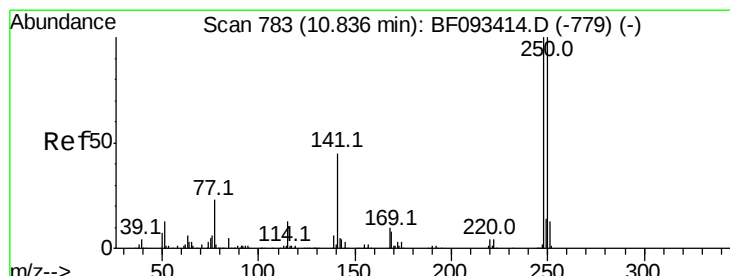
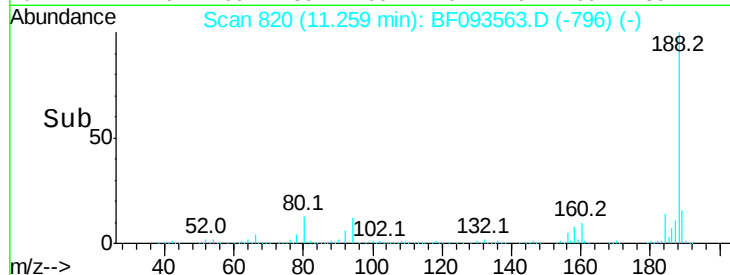
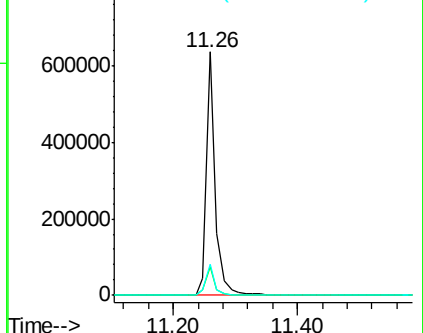
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 629985
 Ion Ratio Lower Upper
 188 100
 94 12.0 10.0 15.0
 80 12.8 11.2 16.8

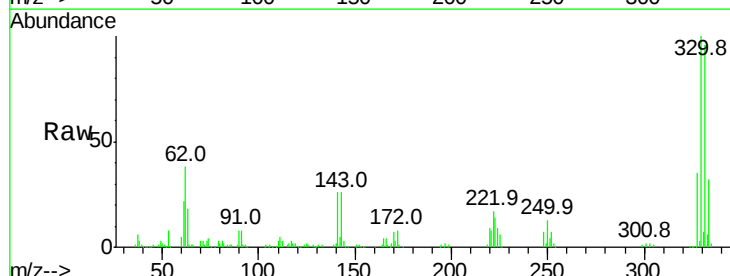


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

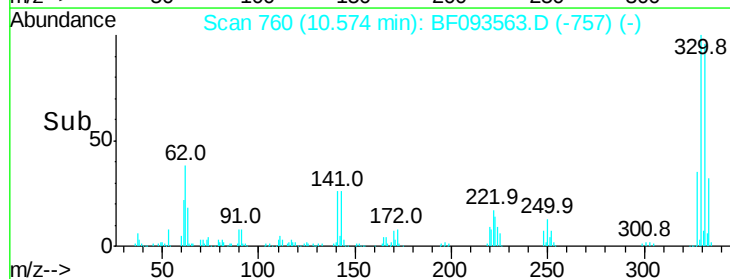
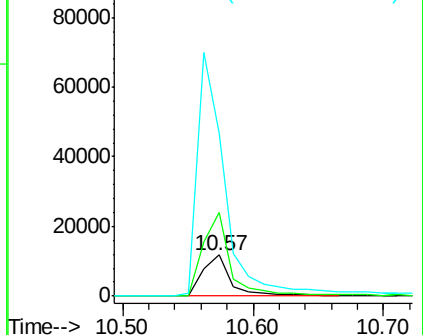


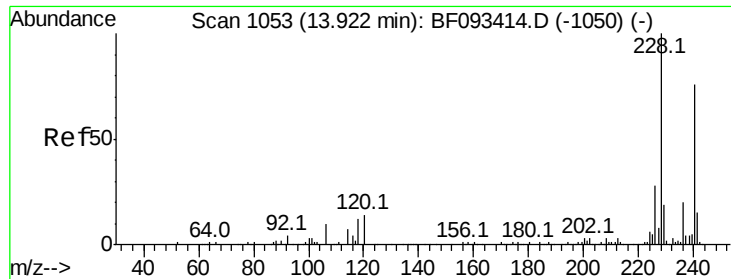
#66
 4-Bromophenyl-phenylether
 Concen: 2.60 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Tgt Ion:248 Resp: 17292
 Ion Ratio Lower Upper
 248 100
 250 203.1 76.9 115.3#
 141 398.1 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

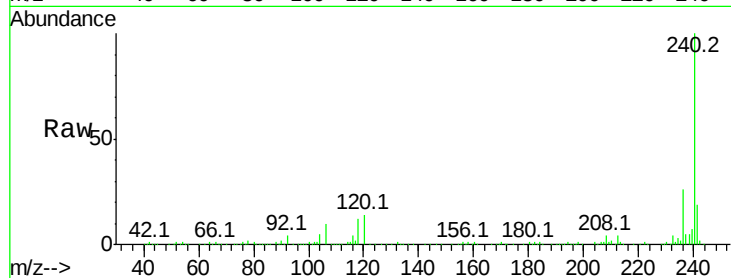




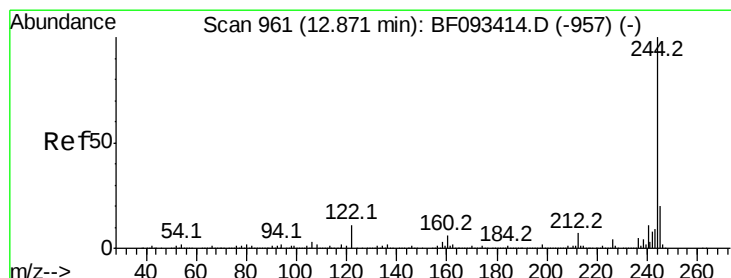
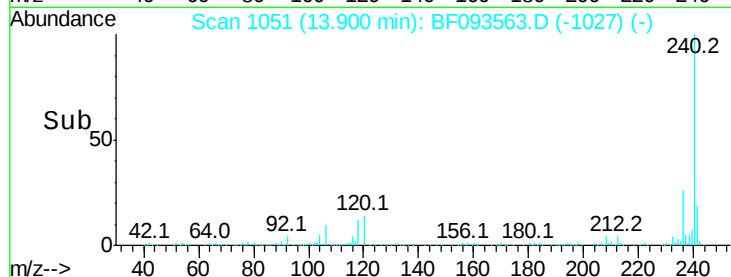
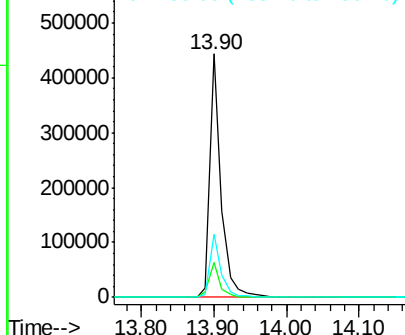
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 472661
 Ion Ratio Lower Upper
 240 100
 120 14.5 12.9 19.3
 236 25.7 20.9 31.3

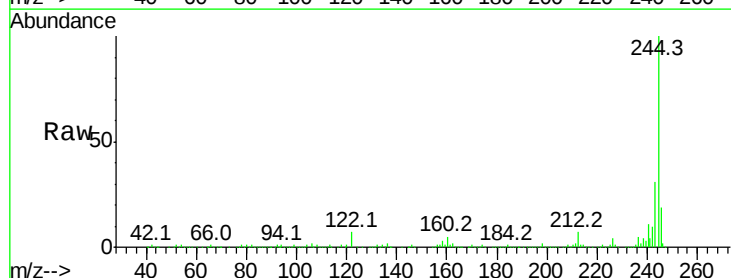


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

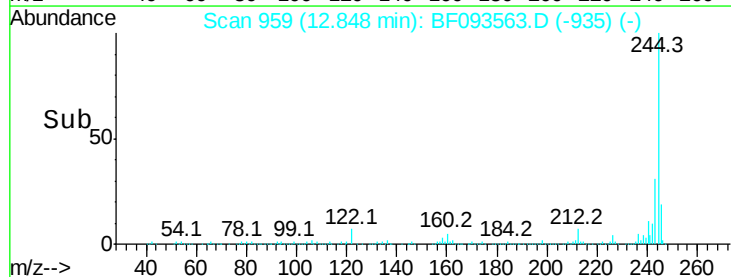
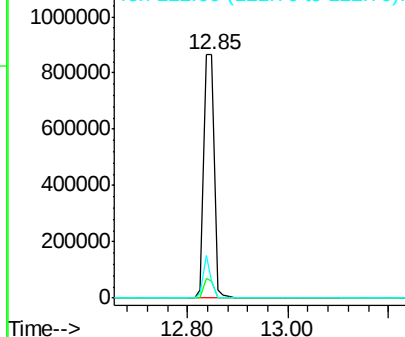


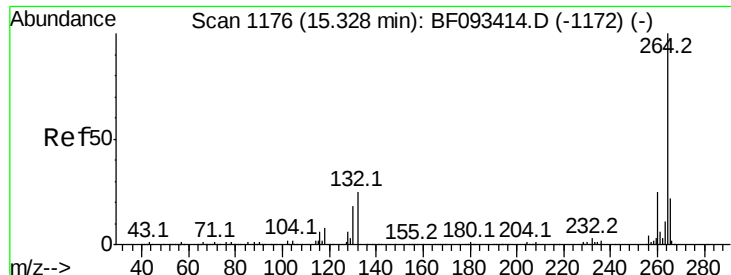
#78
 Terphenyl-d14
 Concen: 68.32 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Tgt Ion:244 Resp: 1242004
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 7.2 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

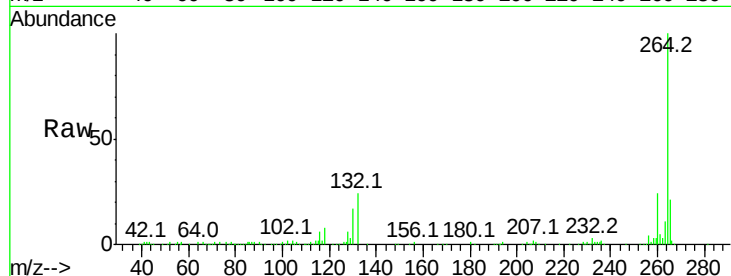




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093563.D
Acq: 11 Mar 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 315908
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.4 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

