

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093535.D
 Acq On : 10 Mar 2017 21:19
 Operator : SJ/MA
 Sample : I2172-27
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-53

Quant Time: Mar 10 22:18:23 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

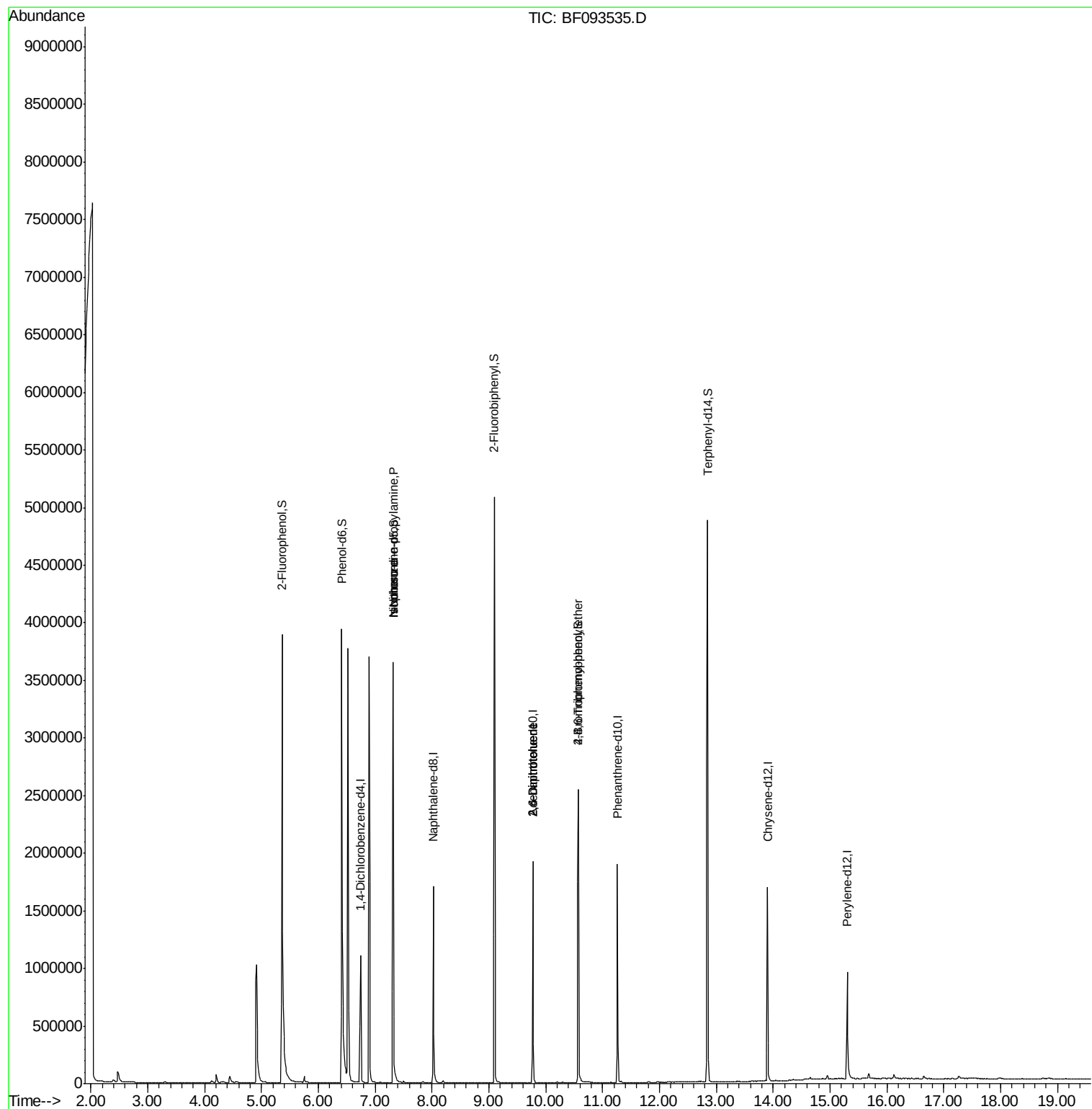
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	191766	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	773956	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	366721	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	672734	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	594553	20.00	ng	-0.02
86) Perylene-d12	15.31	264	428301	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1515509	131.53	ng	0.01
7) Phenol-d6	6.41	99	1899782	130.75	ng	0.00
23) Nitrobenzene-d5	7.32	82	1265156	90.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	365126	152.82	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1775299	90.04	ng	-0.03
78) Terphenyl-d14	12.85	244	1758770	76.91	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	2654	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	173011	17.32	ng	# 82
25) Isophorone	7.32	82	1267343	45.05	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	46808	8.77	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	46811	7.14	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	27082	3.81	ng	# 1

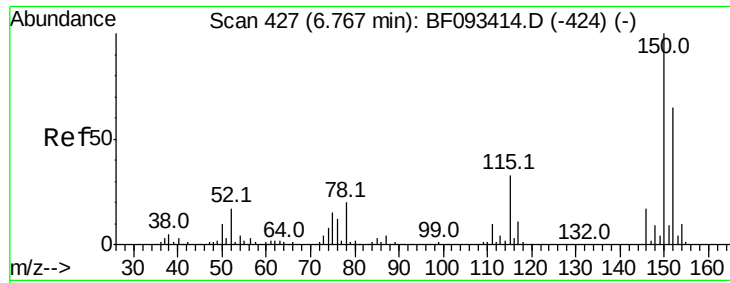
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093535.D

Acq: 10 Mar 2017 21:19

Instrument :

BNA_F

ClientSampleID :

D-53

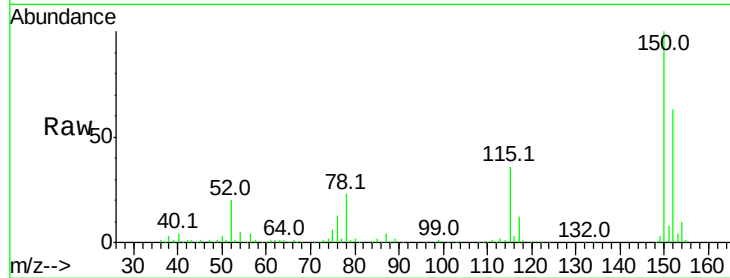
Tot Ion:152 Resp: 191766

Ion Ratio Lower Upper

152 100

150 158.1 124.9 187.3

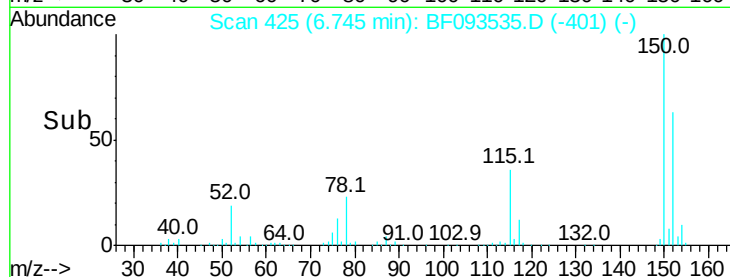
115 56.7 46.0 69.0



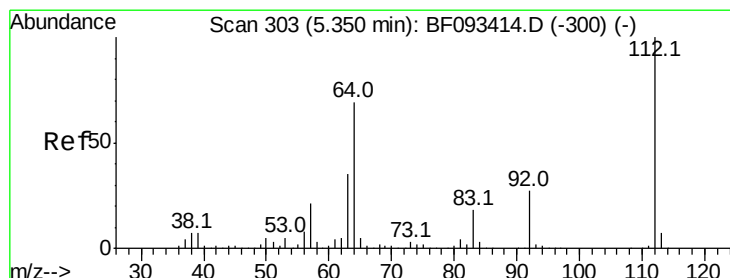
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 131.53 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093535.D

Acq: 10 Mar 2017 21:19

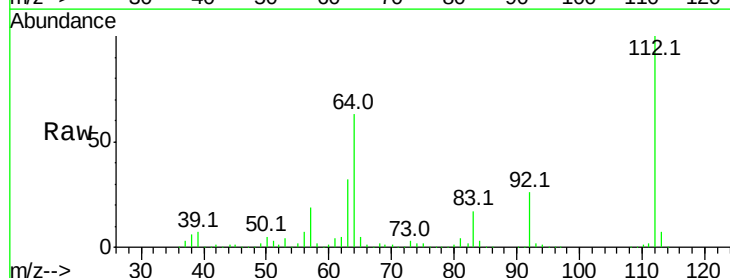
Tgt Ion:112 Resp: 1515509

Ion Ratio Lower Upper

112 100

64 62.6 46.1 69.1

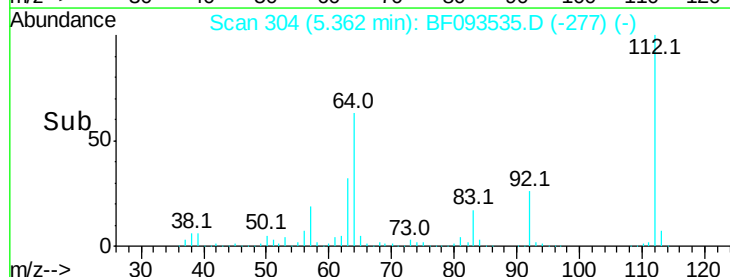
63 32.1 23.8 35.6



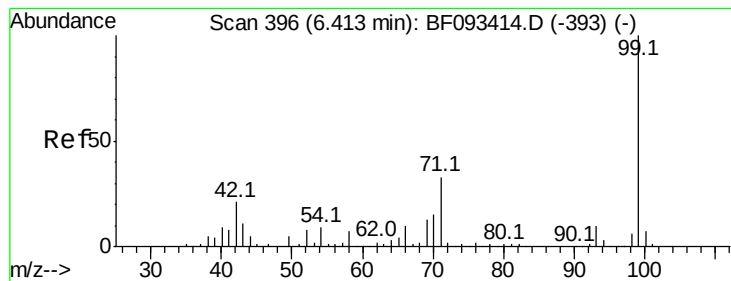
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 130.75 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093535.D

Acq: 10 Mar 2017 21:19

Instrument :

BNA_F

ClientSampleId :

D-53

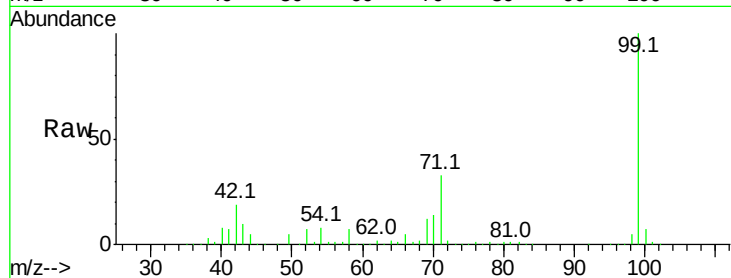
Tot Ion: 99 Resp: 1899782

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

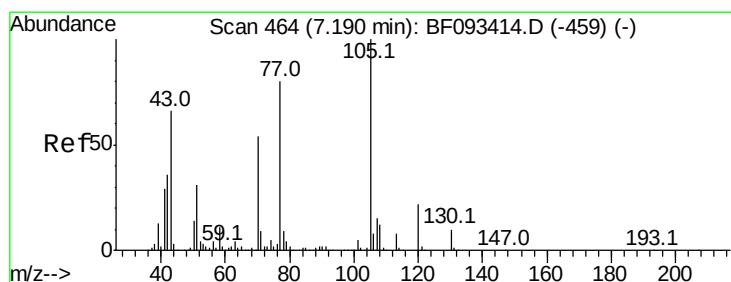
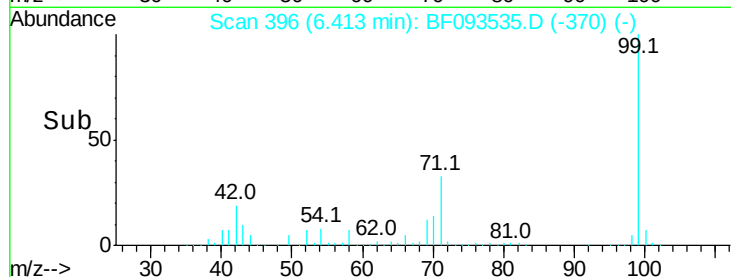
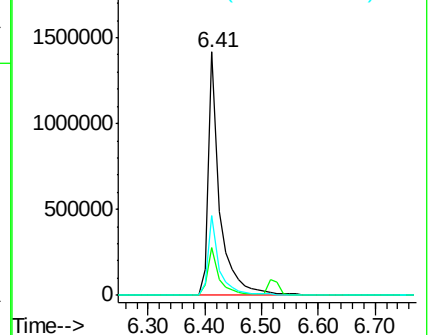
71 32.6 27.5 41.3



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: 17.32 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093535.D

Acq: 10 Mar 2017 21:19

Tgt Ion: 70 Resp: 173011

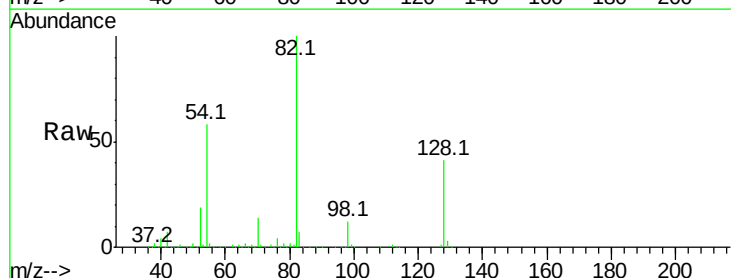
Ion Ratio Lower Upper

70 100

42 52.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

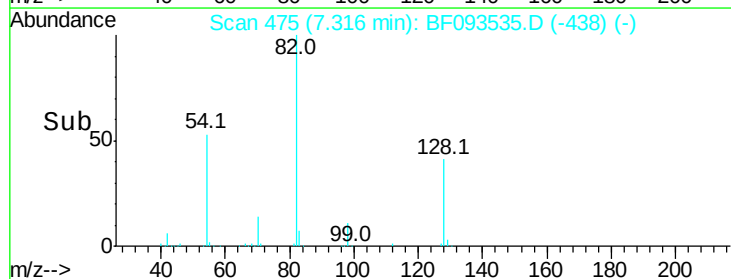
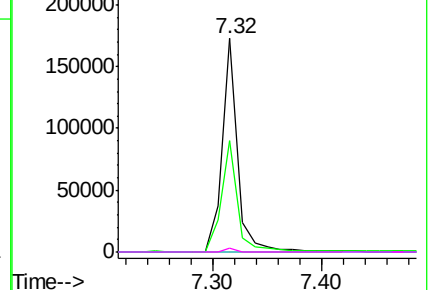


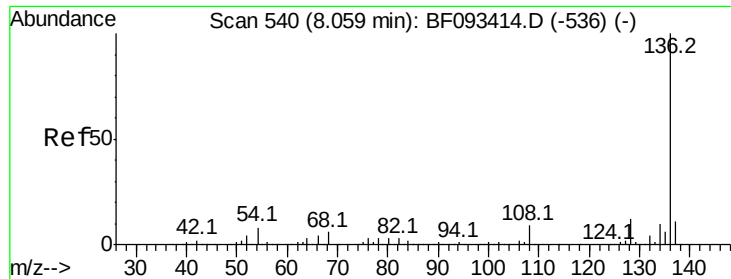
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

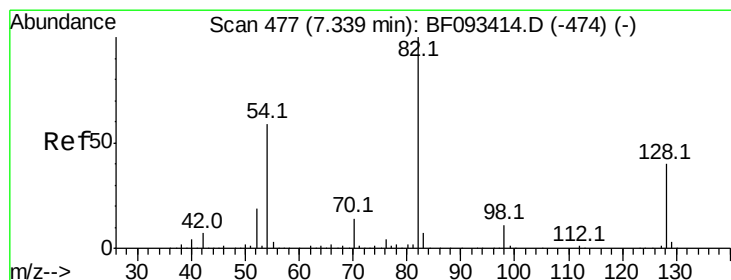
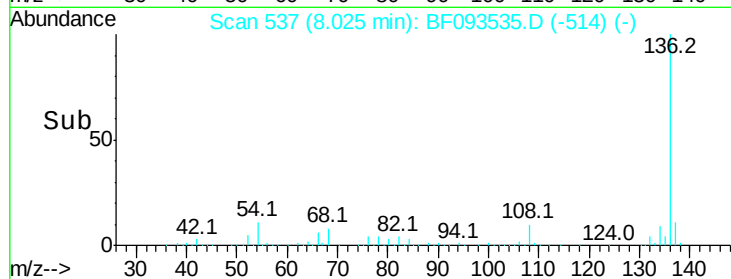
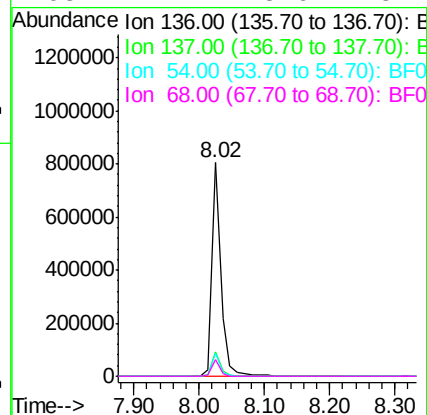
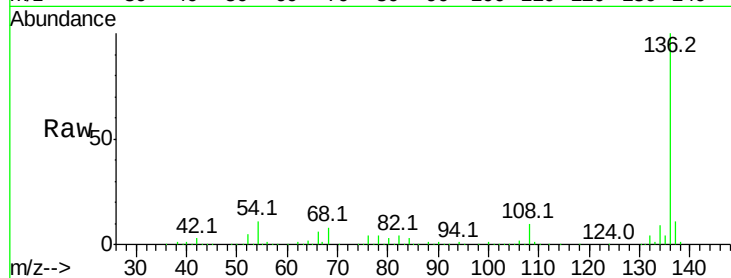




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093535.D
Acq: 10 Mar 2017 21:19

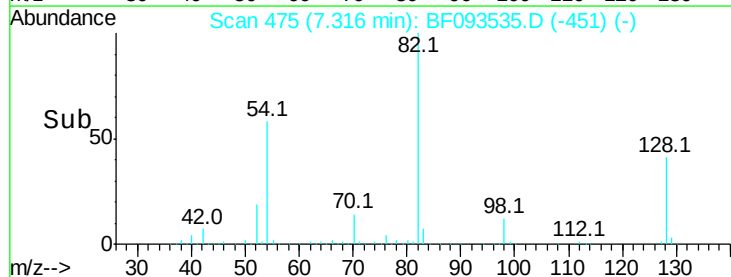
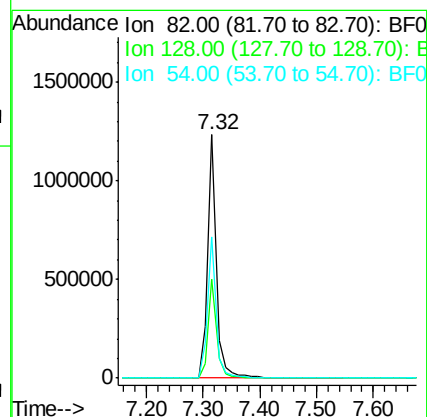
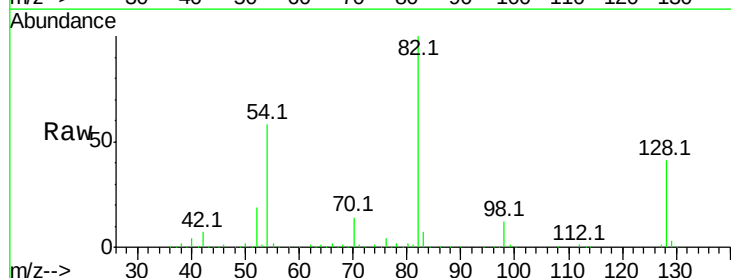
Instrument :
BNA_F
ClientSampleId :
D-53

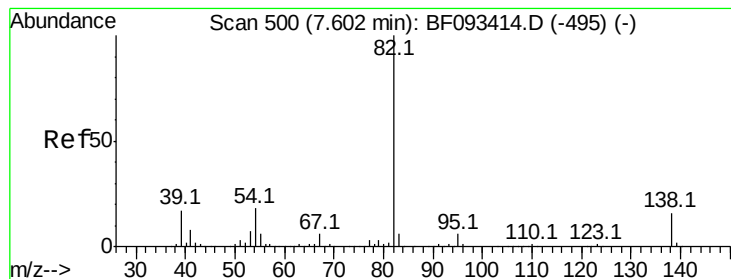
Tot Ion:	136	Resp:	773956
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	10.5	4.5	6.7#
68	7.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 90.70 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093535.D
Acq: 10 Mar 2017 21:19

Tgt Ion:	82	Resp:	1265156
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	58.2	39.5	59.3





#25

Isophorone

Concen: 45.05 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093535.D

Acq: 10 Mar 2017 21:19

Instrument :

BNA_F

ClientSampleId :

D-53

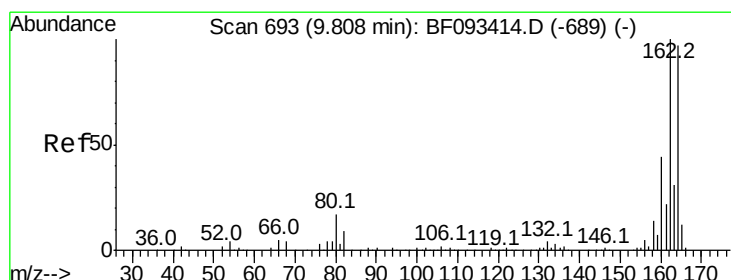
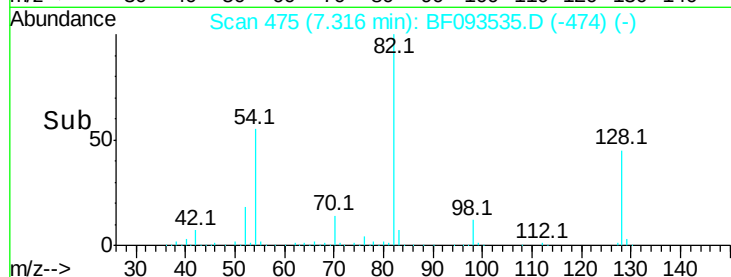
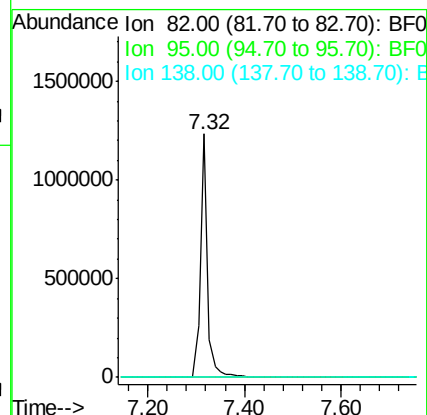
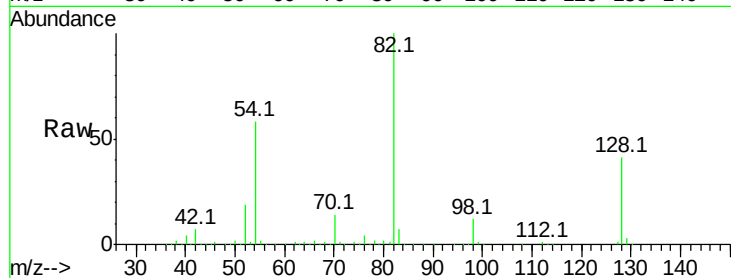
Tot Ion: 82 Resp: 1267343

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: BF093535.D

Acq: 10 Mar 2017 21:19

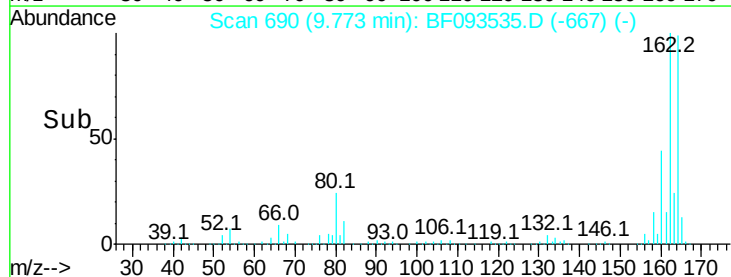
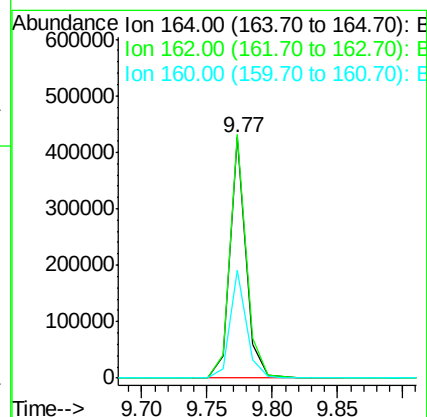
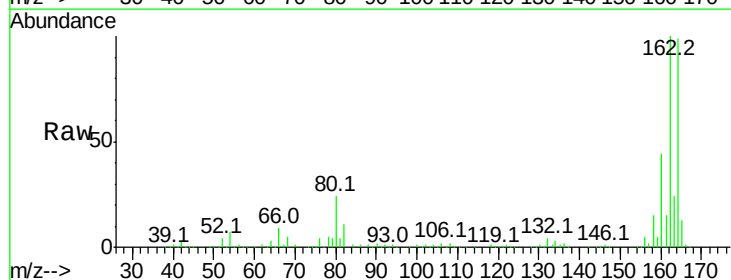
Tgt Ion:164 Resp: 366721

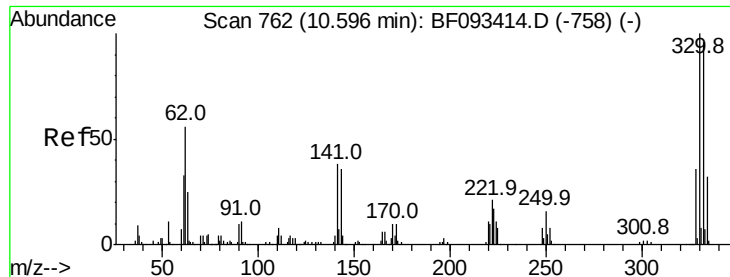
Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

160 44.9 36.9 55.3

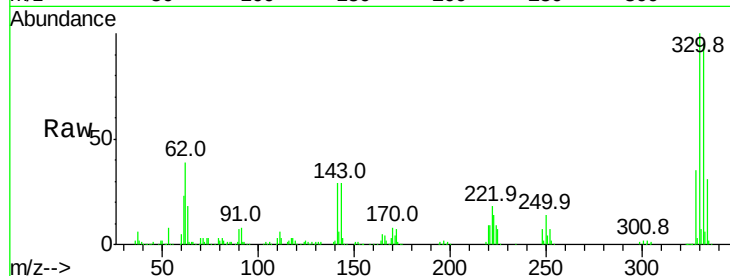




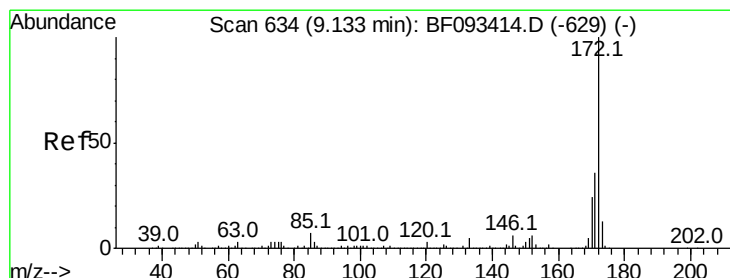
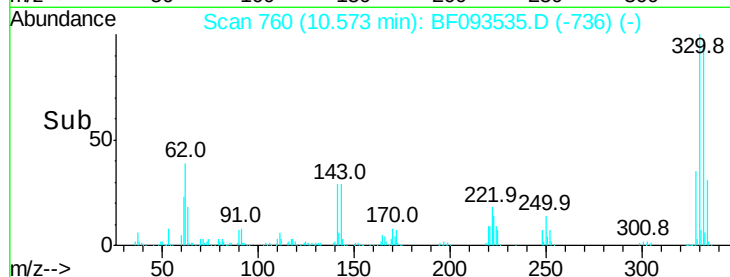
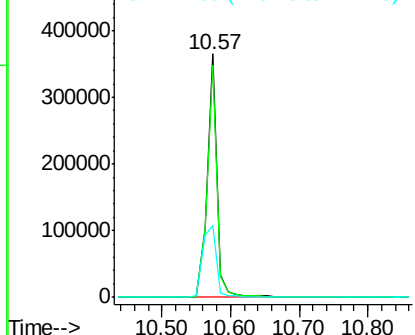
#41
 2,4,6-Tribromophenol
 Concen: 152.82 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093535.D
 Acq: 10 Mar 2017 21:19

Instrument :
 BNA_F
 ClientSampleID :
 D-53

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	41.0	34.1	51.1

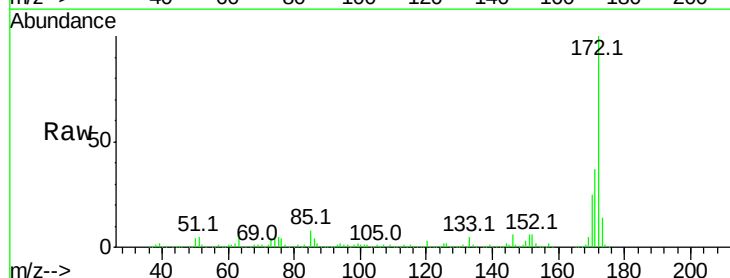


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

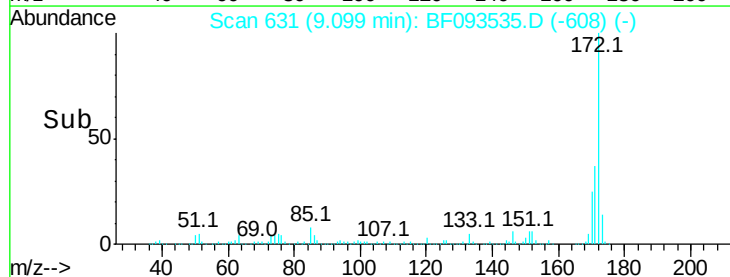
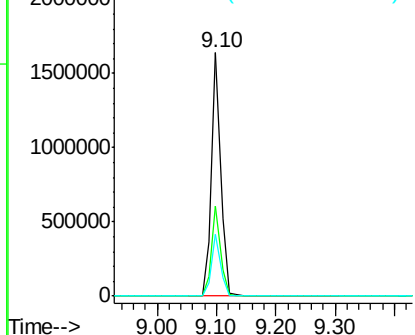


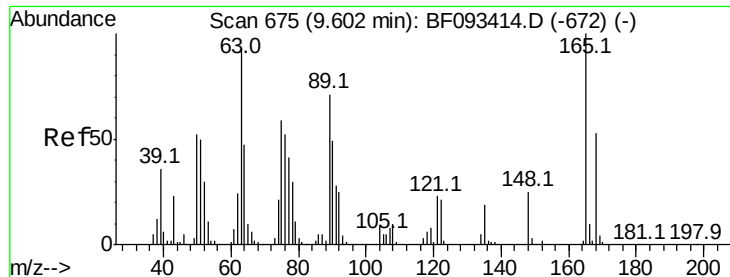
#44
 2-Fluorobiphenyl
 Concen: 90.04 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093535.D
 Acq: 10 Mar 2017 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.3	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

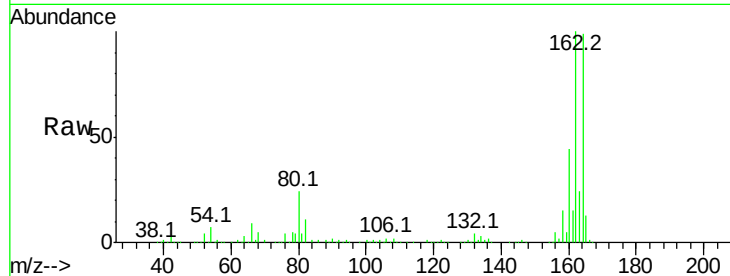




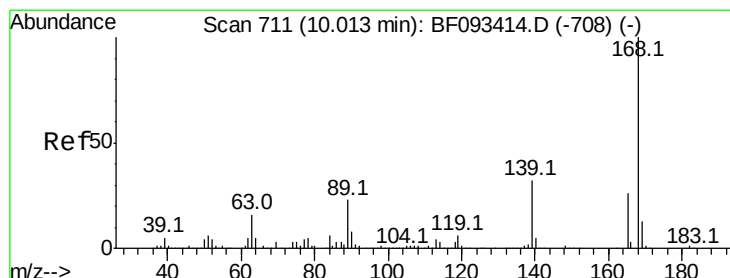
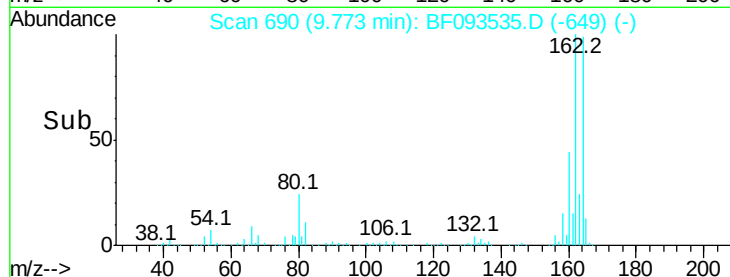
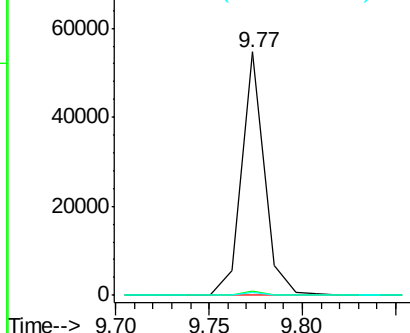
#50
2,6-Dinitrotoluene
Concen: 8.77 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093535.D
Acq: 10 Mar 2017 21:19

Instrument :
BNA_F
ClientSampleId :
D-53

Tot Ion:165 Resp: 46808
Ion Ratio Lower Upper
165 100
63 1.5 36.2 54.4#
89 1.5 40.2 60.4#

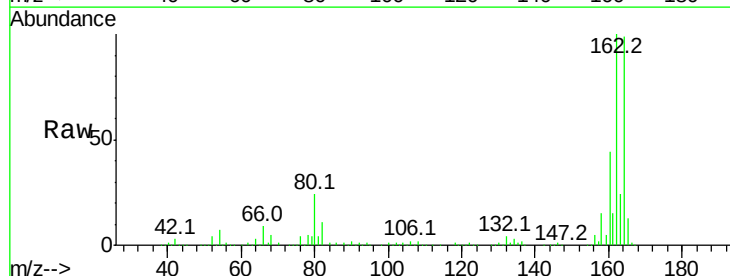


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

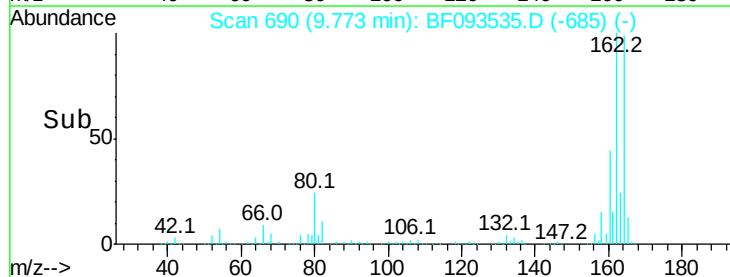
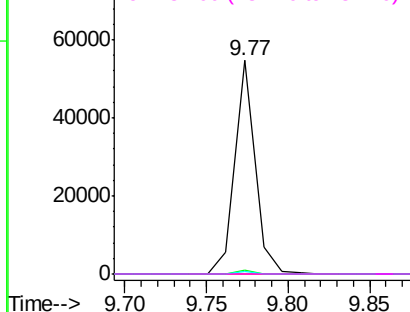


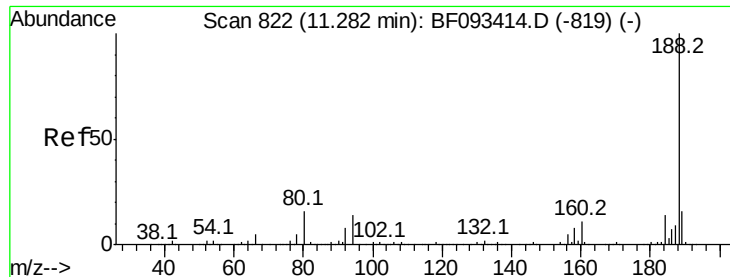
#56
2,4-Dinitrotoluene
Concen: 7.14 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093535.D
Acq: 10 Mar 2017 21:19

Tgt Ion:165 Resp: 46811
Ion Ratio Lower Upper
165 100
63 1.5 40.2 60.4#
89 1.5 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

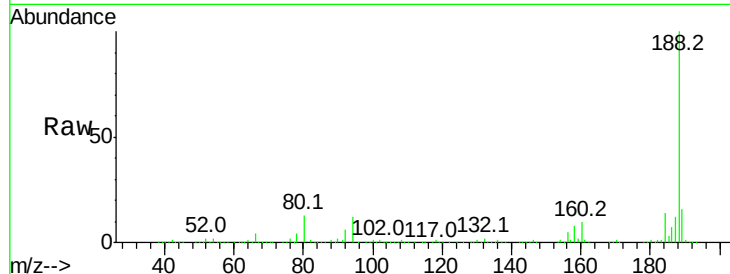




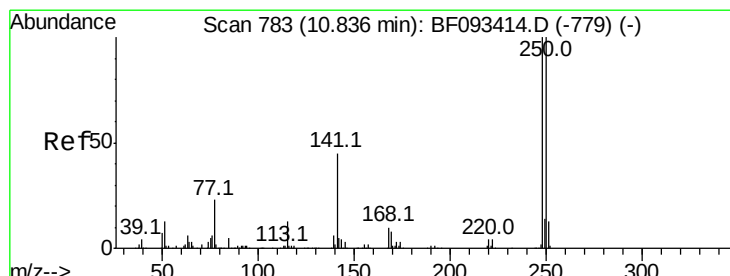
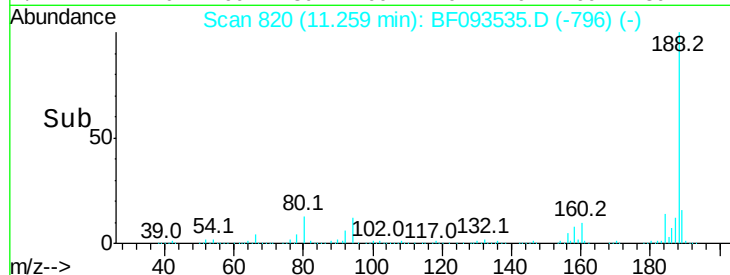
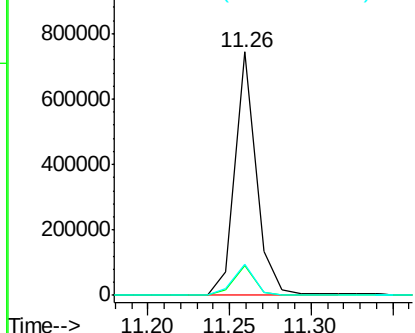
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093535.D
 Acq: 10 Mar 2017 21:19

Instrument :
 BNA_F
 ClientSampleID :
 D-53

Tot Ion:188 Resp: 672734
 Ion Ratio Lower Upper
 188 100
 94 12.1 10.0 15.0
 80 12.7 11.2 16.8

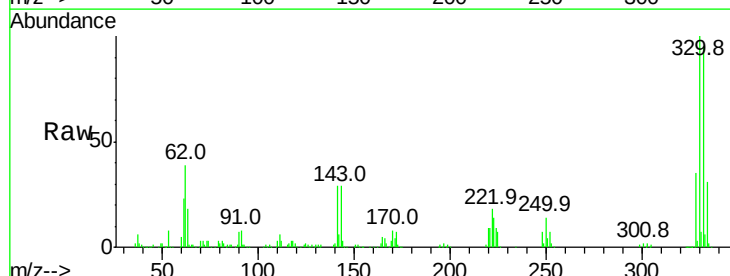


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

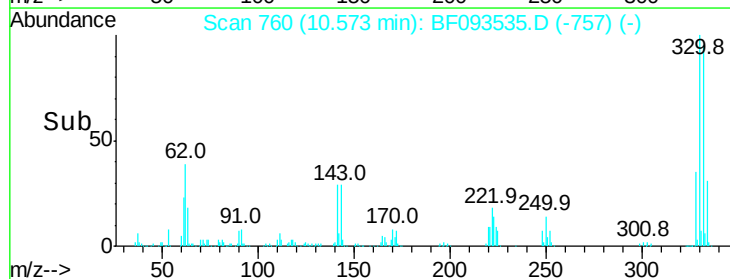
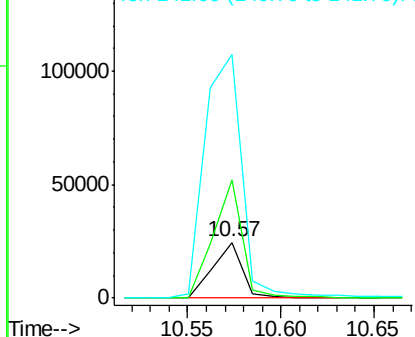


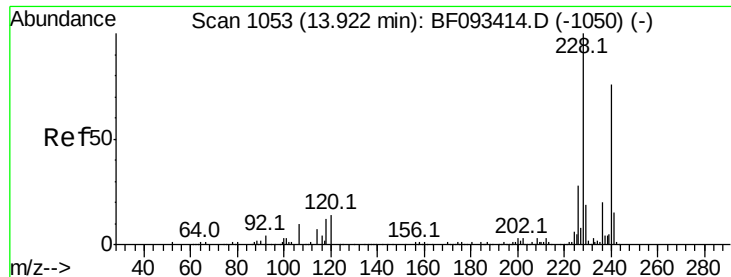
#66
 4-Bromophenyl-phenylether
 Concen: 3.81 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093535.D
 Acq: 10 Mar 2017 21:19

Tgt Ion:248 Resp: 27082
 Ion Ratio Lower Upper
 248 100
 250 211.8 76.9 115.3#
 141 435.4 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: BF093535.D

Acq: 10 Mar 2017 21:19

Instrument :

BNA_F

ClientSampleId :

D-53

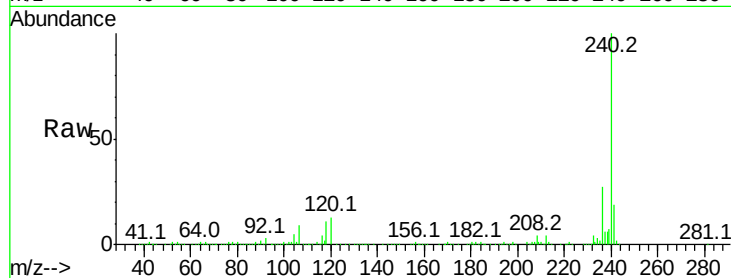
Tot Ion:240 Resp: 594553

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

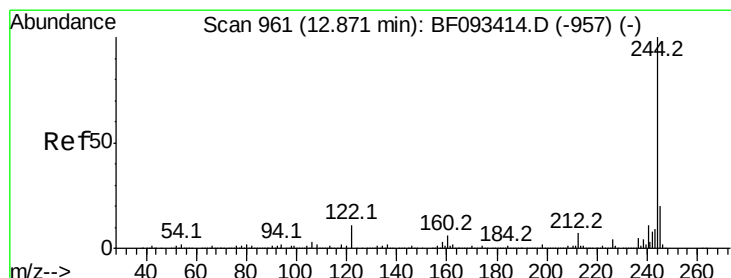
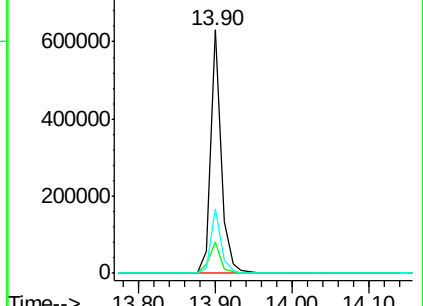
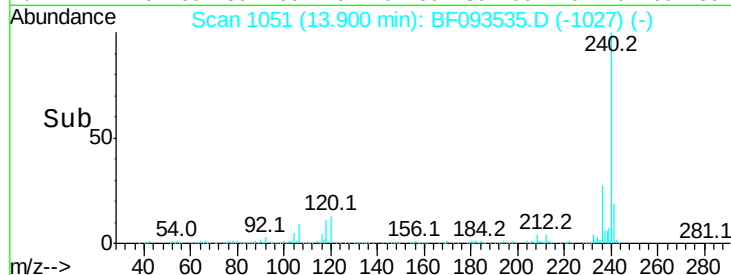
236 26.6 20.9 31.3



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: 76.91 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093535.D

Acq: 10 Mar 2017 21:19

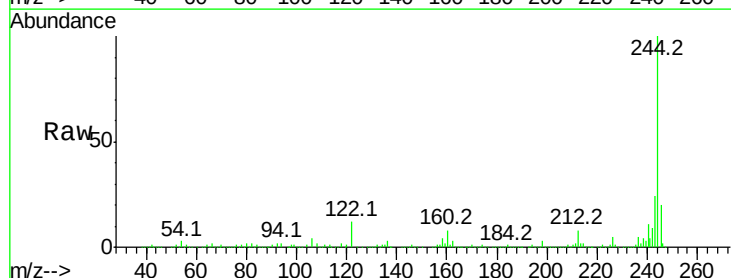
Tgt Ion:244 Resp: 1758770

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

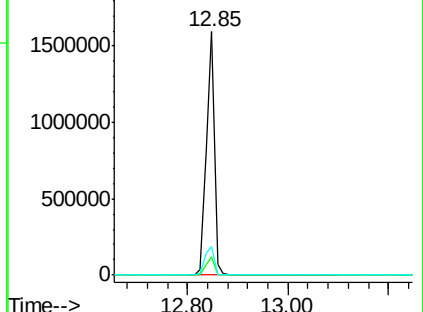
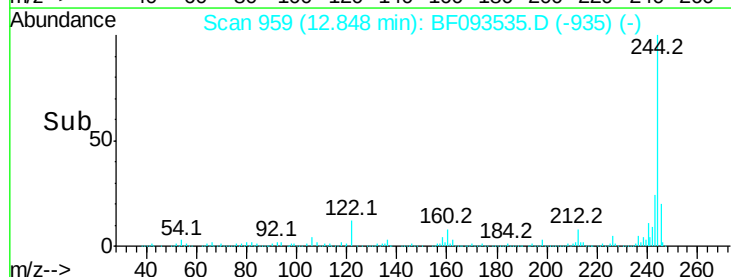
122 11.7 11.4 17.2

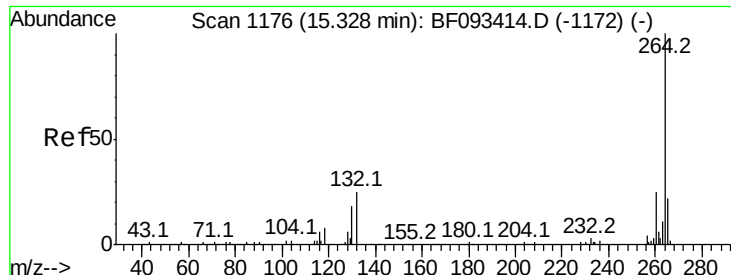


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

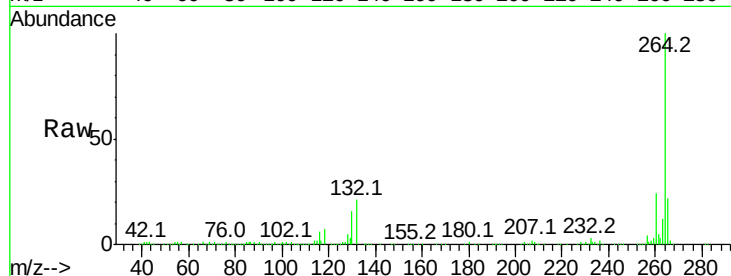




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093535.D
Acq: 10 Mar 2017 21:19

Instrument :
BNA_F
ClientSampleId :
D-53

Tot Ion:264 Resp: 428301
Ion Ratio Lower Upper
264 100
260 24.0 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

