

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093537.D
 Acq On : 10 Mar 2017 22:14
 Operator : SJ/MA
 Sample : I2172-29
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-57

Quant Time: Mar 10 23:12:30 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

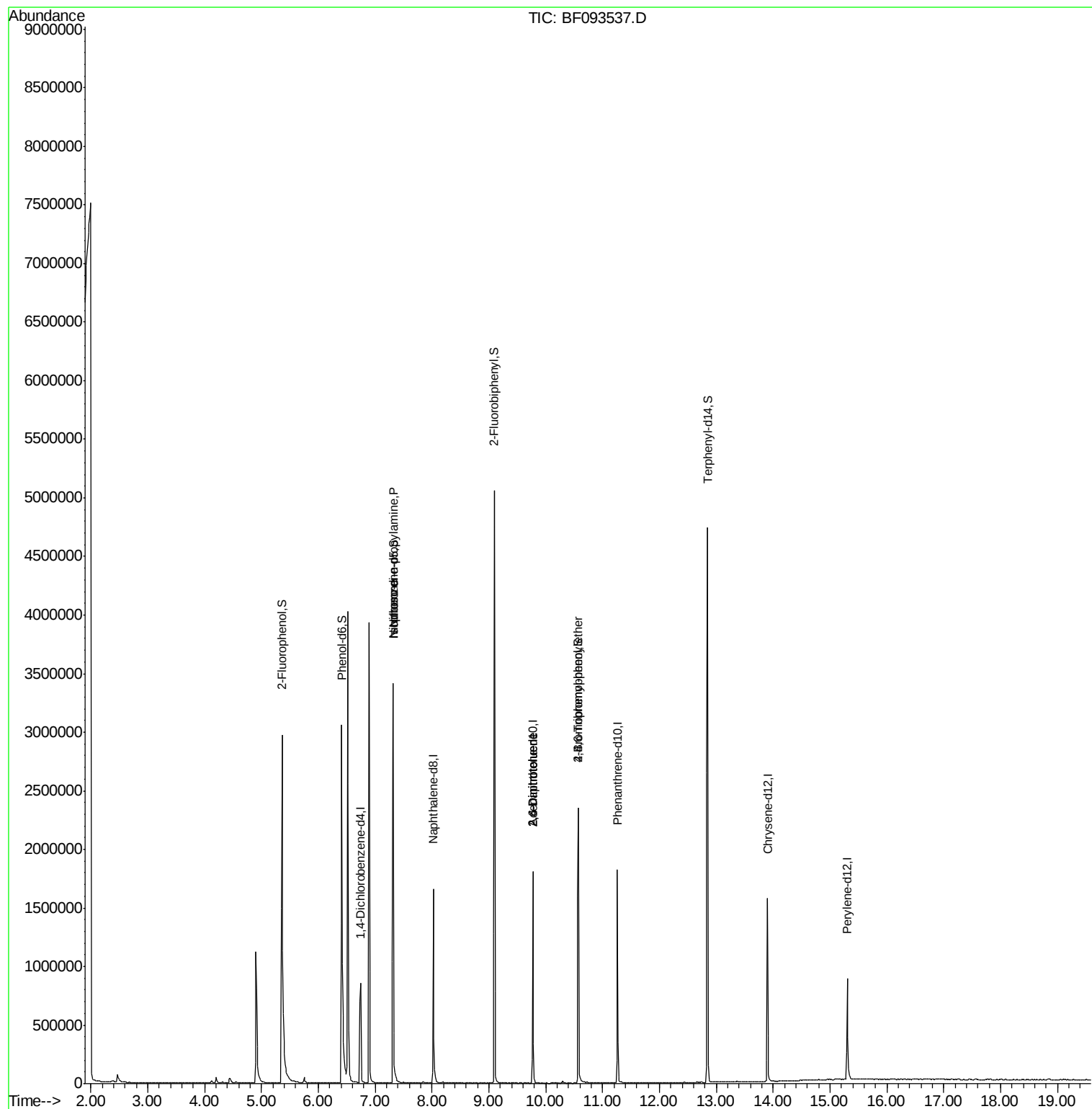
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	183529	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	748323	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	347591	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	663686	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	561317	20.00	ng	-0.02
86) Perylene-d12	15.31	264	394945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1405152	127.43	ng	0.01
7) Phenol-d6	6.41	99	1738412	125.01	ng	0.00
23) Nitrobenzene-d5	7.32	82	1229585	91.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	340466	150.34	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1649898	88.29	ng	-0.03
78) Terphenyl-d14	12.85	244	1691465	78.35	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	2588	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	164636	17.22	ng	# 80
25) Isophorone	7.32	82	1231793	45.29	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	44271	8.76	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	44273	7.13	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	26155	3.73	ng	# 1

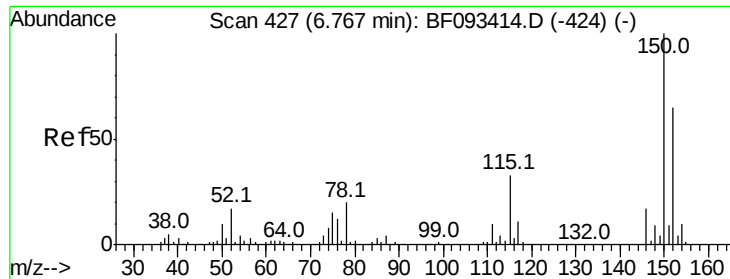
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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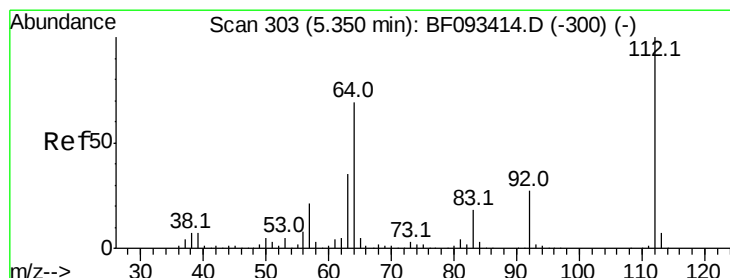
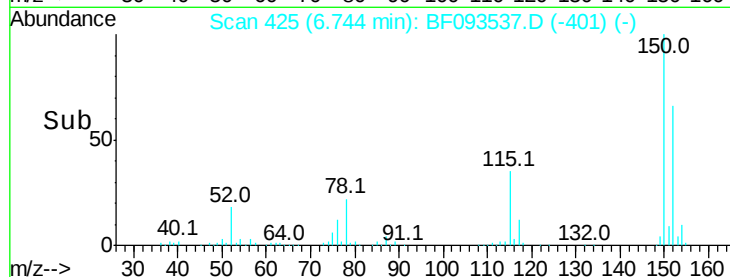
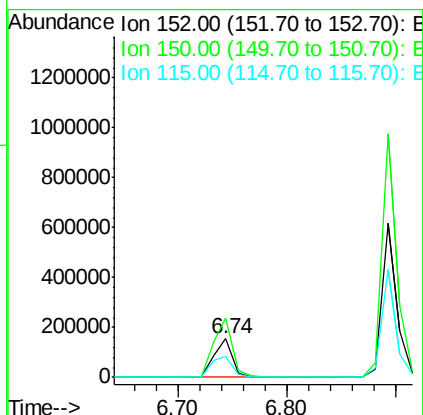
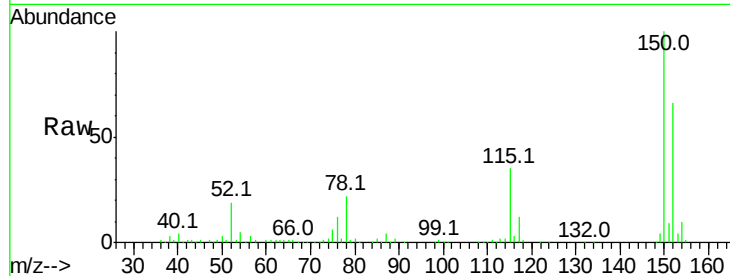


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093537.D
Acq: 10 Mar 2017 22:14

Instrument :
BNA_F
ClientSampleId :
D-57

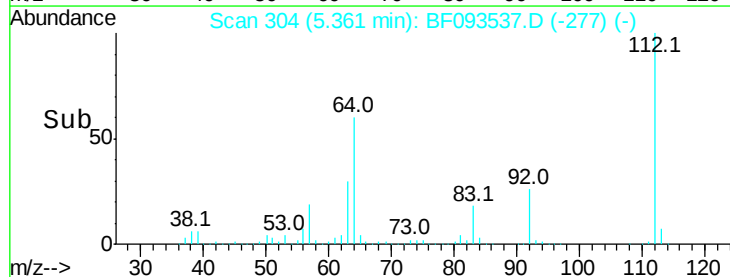
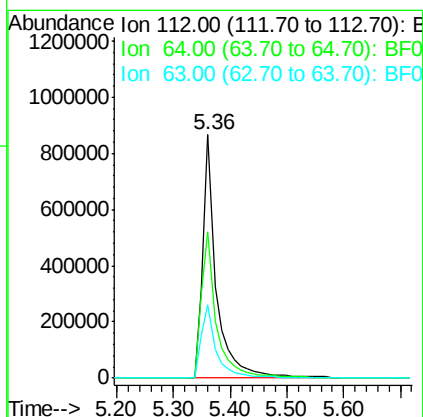
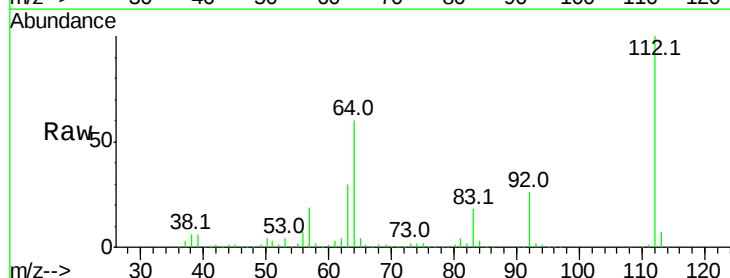
Tot Ion:152 Resp: 183529
Ion Ratio Lower Upper
152 100
150 151.8 124.9 187.3
115 53.7 46.0 69.0

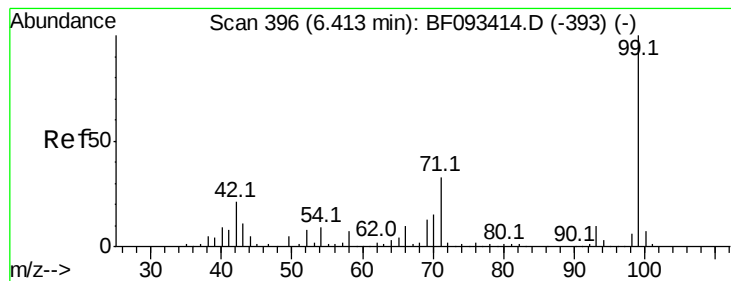


#5

2-Fluorophenol
Concen: 127.43 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093537.D
Acq: 10 Mar 2017 22:14

Tgt Ion:112 Resp: 1405152
Ion Ratio Lower Upper
112 100
64 60.0 46.1 69.1
63 30.3 23.8 35.6





#7

Phenol-d6

Concen: 125.01 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093537.D

Acq: 10 Mar 2017 22:14

Instrument :

BNA_F

ClientSampled :

D-57

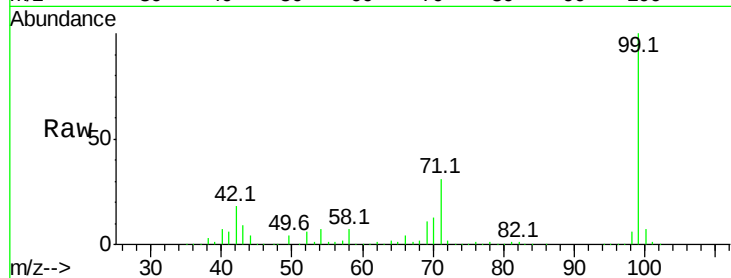
Tot Ion: 99 Resp: 1738412

Ion Ratio Lower Upper

99 100

42 18.0 15.6 23.4

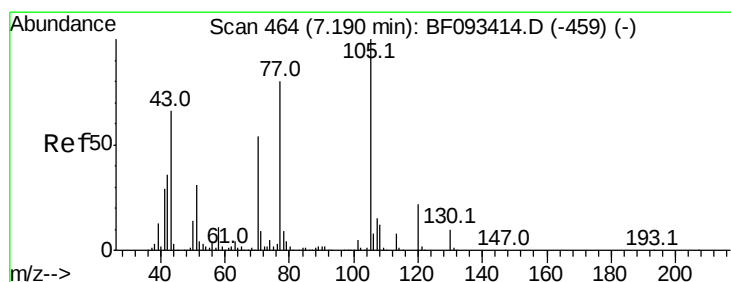
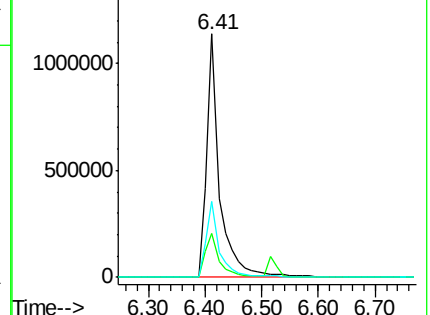
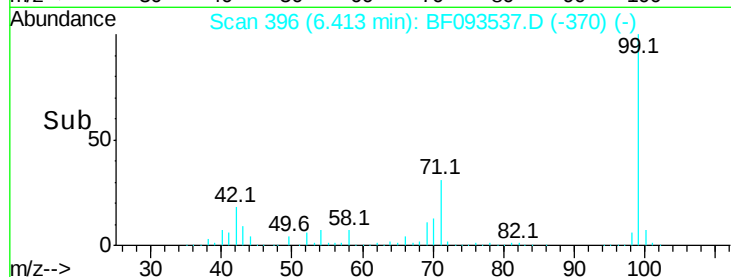
71 31.0 27.5 41.3



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: 17.22 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093537.D

Acq: 10 Mar 2017 22:14

Tgt Ion: 70 Resp: 164636

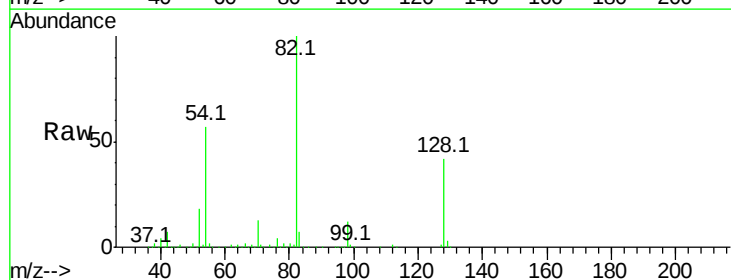
Ion Ratio Lower Upper

70 100

42 50.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

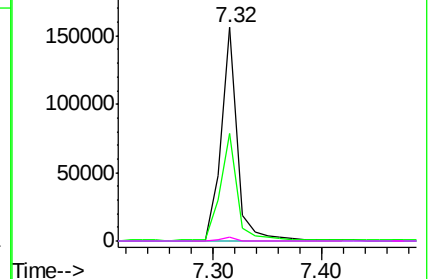
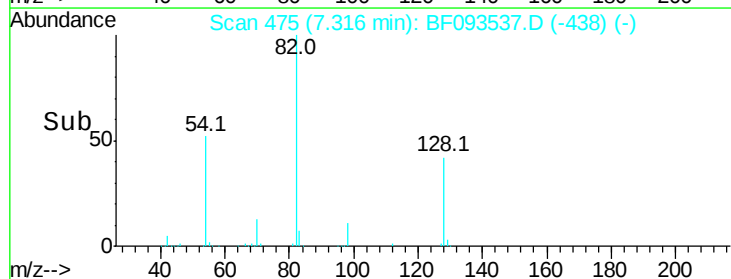


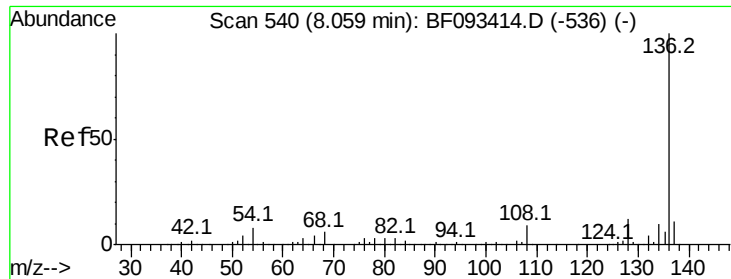
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

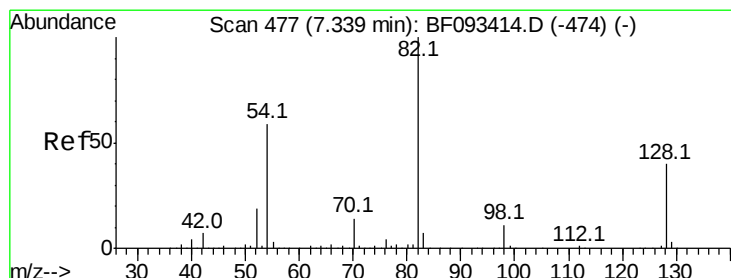
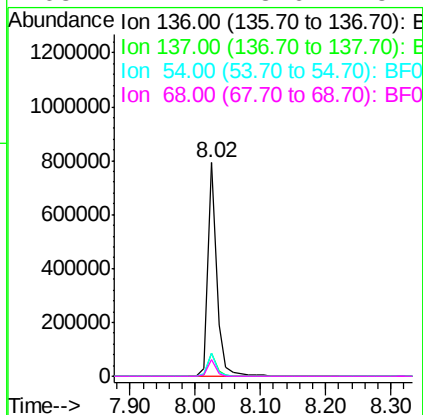
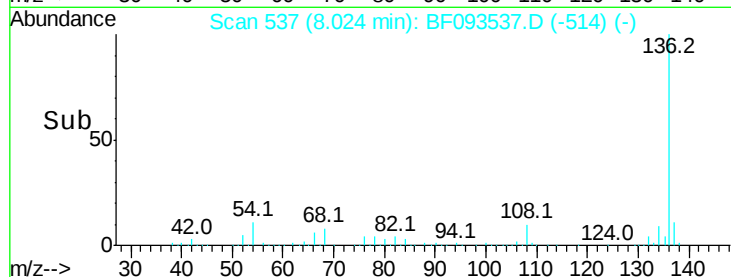
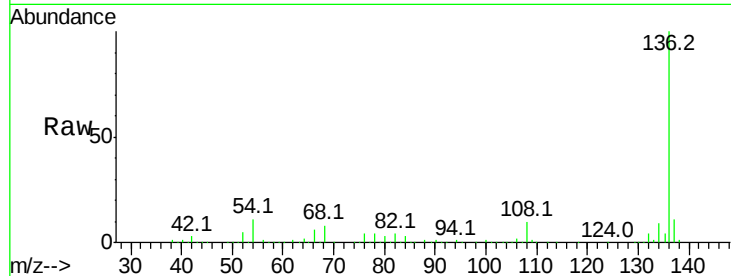




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093537.D
Acq: 10 Mar 2017 22:14

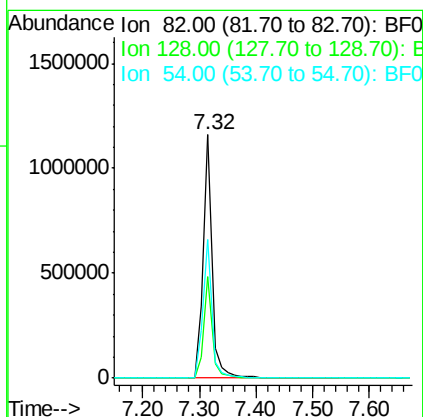
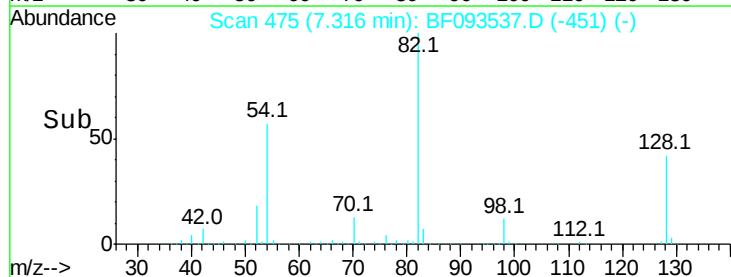
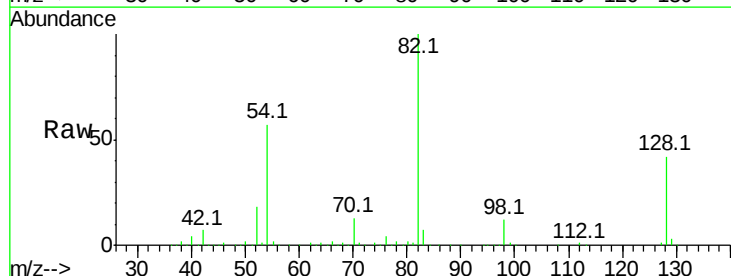
Instrument :
BNA_F
ClientSampleId :
D-57

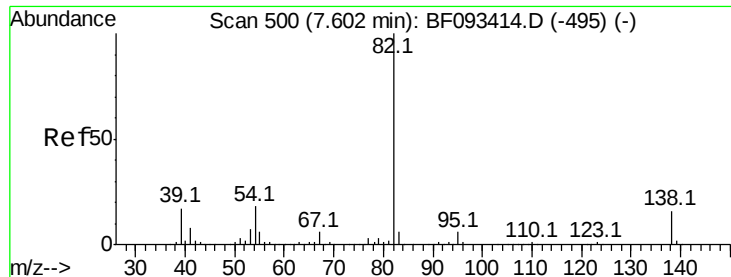
Tot Ion:	136	Resp:	748323
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.6	4.5	6.7#
68	7.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 91.17 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093537.D
Acq: 10 Mar 2017 22:14

Tgt Ion:	82	Resp:	1229585
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	52.0
54	56.8	39.5	59.3





#25

Isophorone

Concen: 45.29 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093537.D

Acq: 10 Mar 2017 22:14

Instrument :

BNA_F

ClientSampleId :

D-57

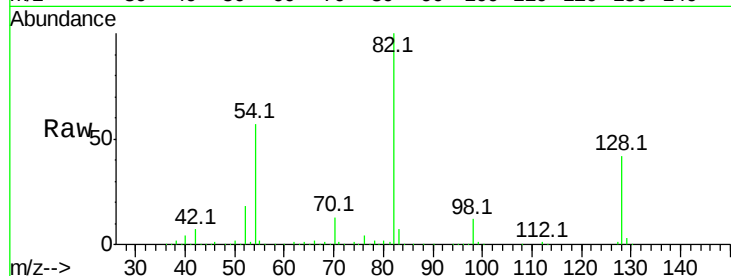
Tot Ion: 82 Resp: 1231793

Ion Ratio Lower Upper

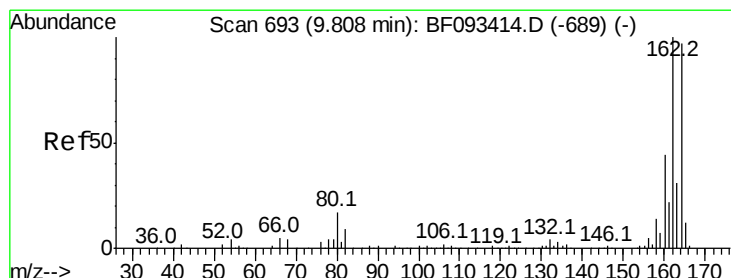
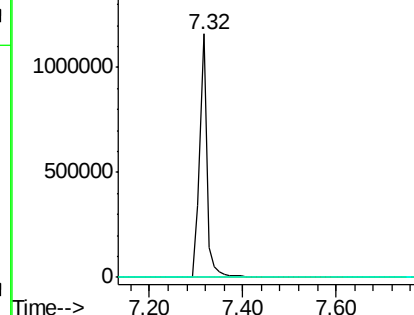
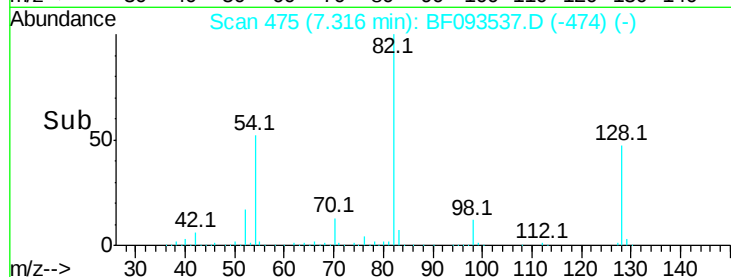
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093537.D

Acq: 10 Mar 2017 22:14

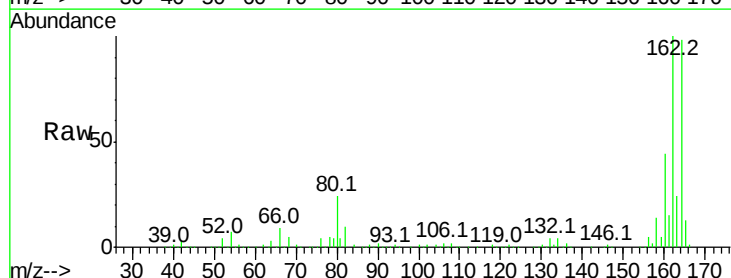
Tgt Ion:164 Resp: 347591

Ion Ratio Lower Upper

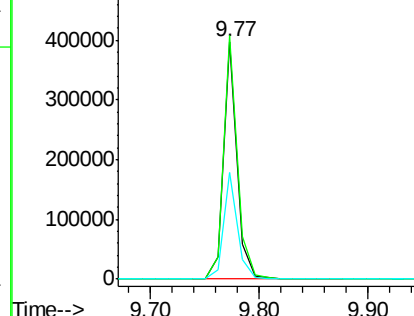
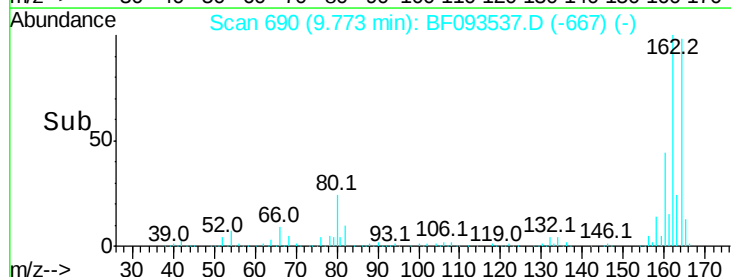
164 100

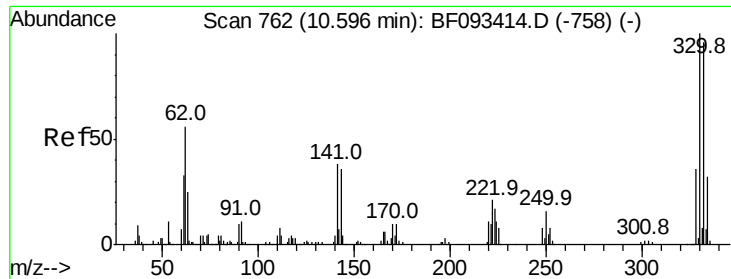
162 102.6 80.2 120.2

160 44.8 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

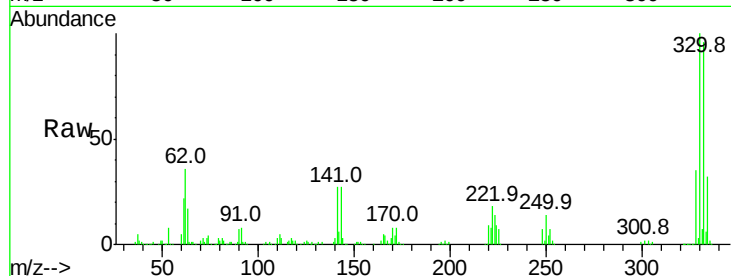




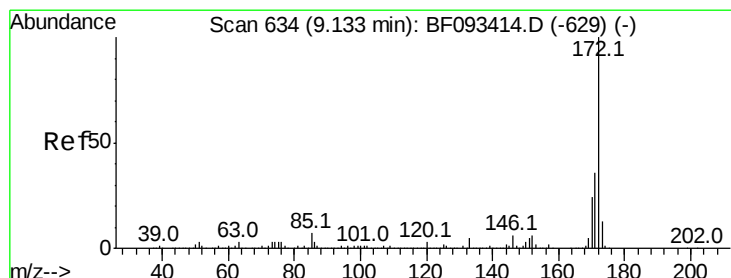
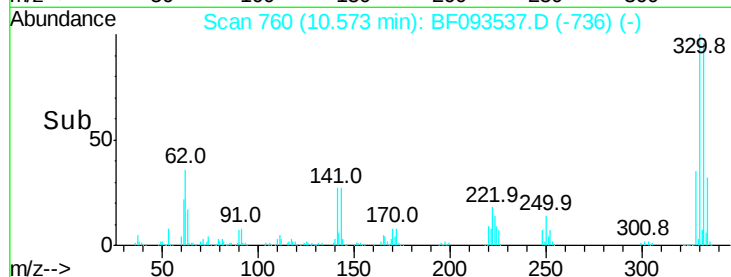
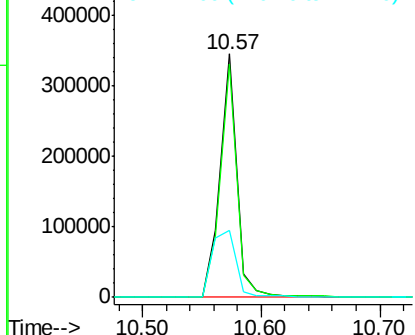
#41
 2,4,6-Tribromophenol
 Concen: 150.34 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093537.D
 Acq: 10 Mar 2017 22:14

Instrument :
 BNA_F
 ClientSampleId :
 D-57

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	40.3	34.1	51.1

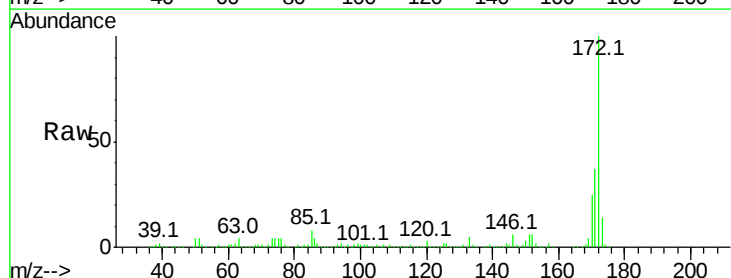


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

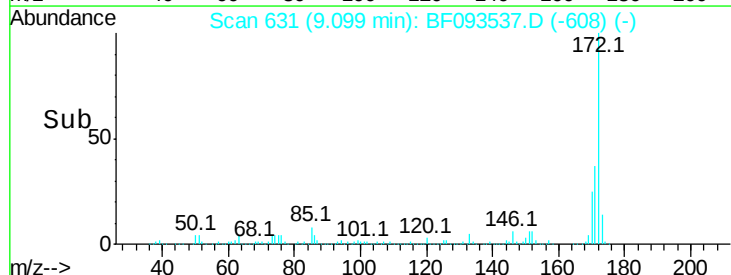
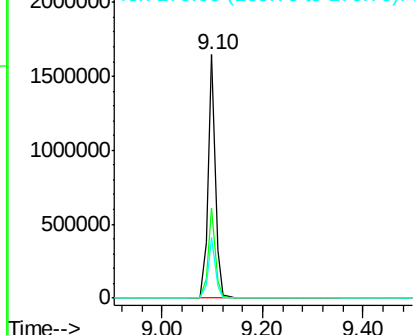


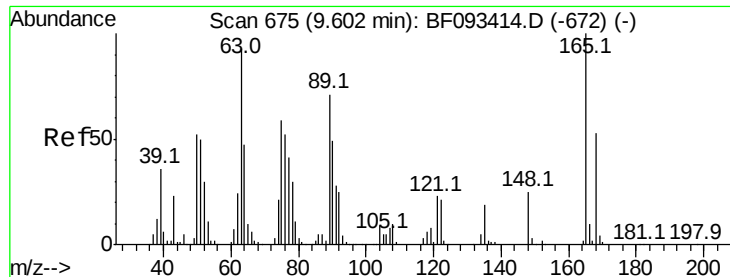
#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093537.D
 Acq: 10 Mar 2017 22:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.8	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

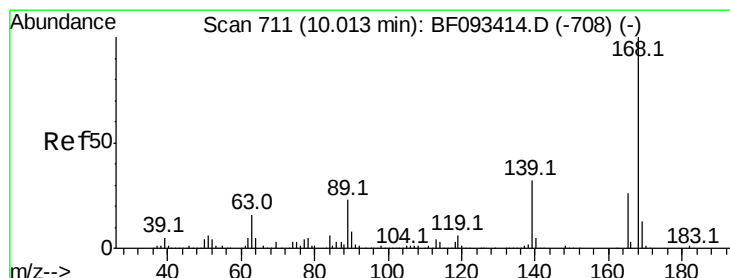
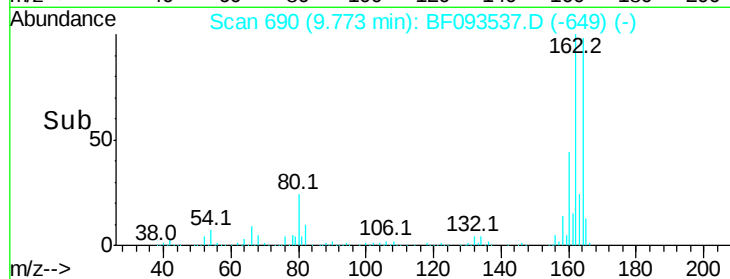
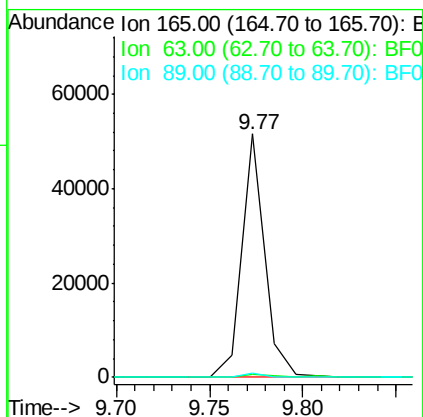
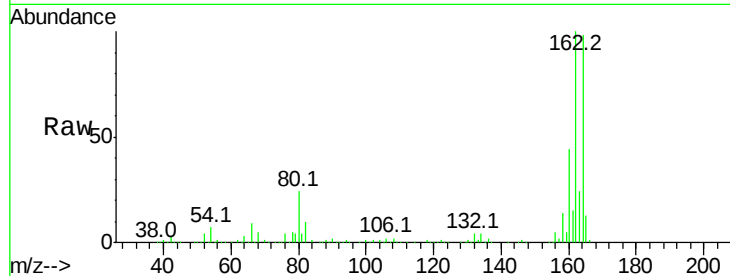




#50
2,6-Dinitrotoluene
Concen: 8.76 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093537.D
Acq: 10 Mar 2017 22:14

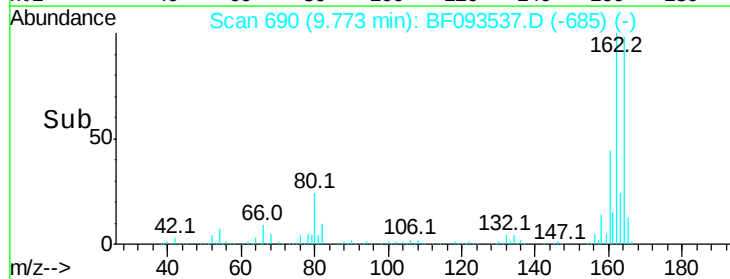
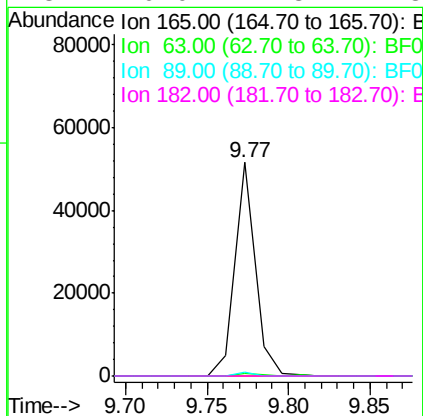
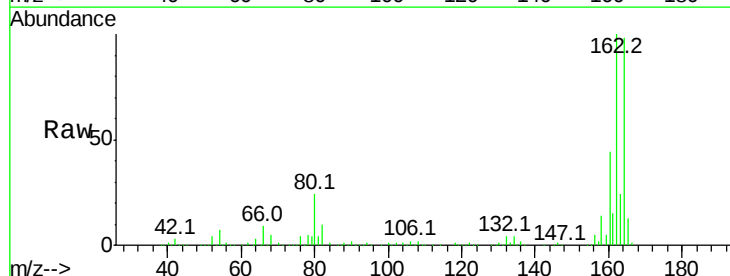
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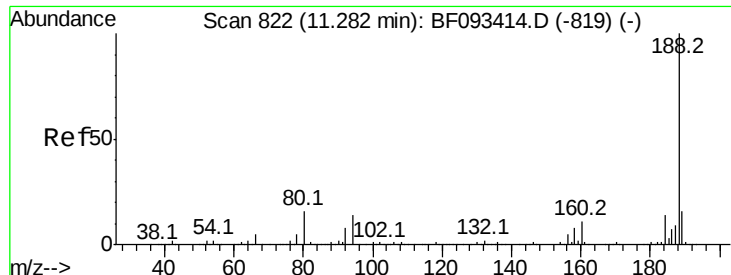
Tot Ion:165 Resp: 44271
Ion Ratio Lower Upper
165 100
63 1.4 36.2 54.4#
89 1.6 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093537.D
Acq: 10 Mar 2017 22:14

Tgt Ion:165 Resp: 44273
Ion Ratio Lower Upper
165 100
63 1.4 40.2 60.4#
89 1.6 62.5 93.7#
182 0.0 1.8 2.8#

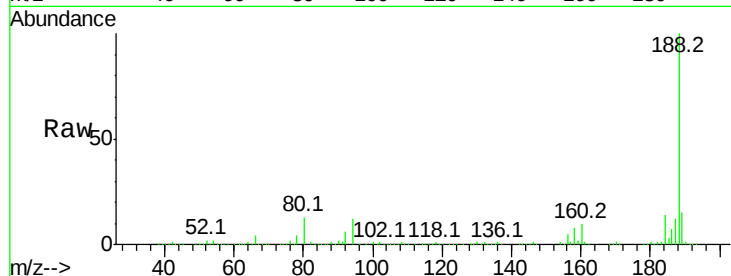




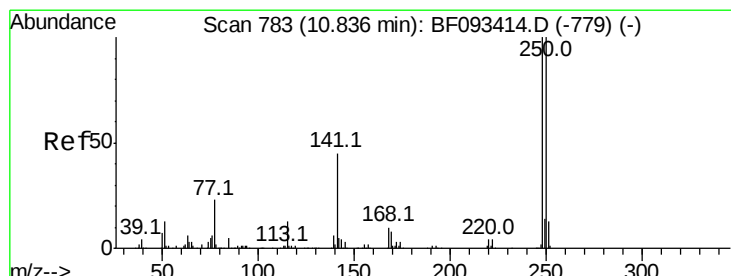
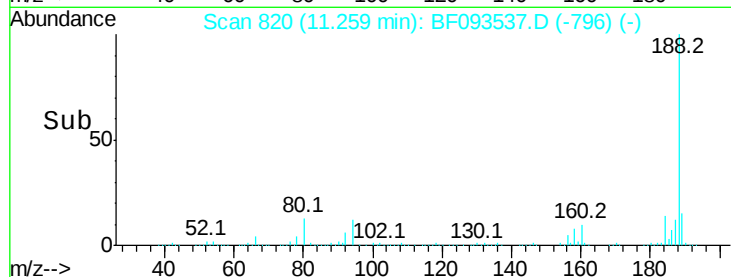
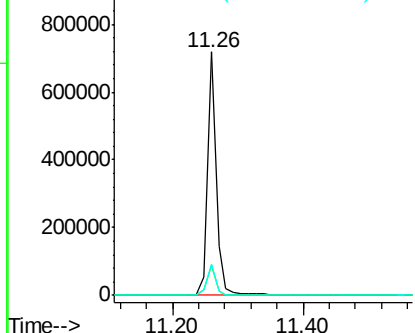
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093537.D
Acq: 10 Mar 2017 22:14

Instrument :
BNA_F
ClientSampleId :
D-57

Tot Ion:188 Resp: 663686
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 12.6 11.2 16.8

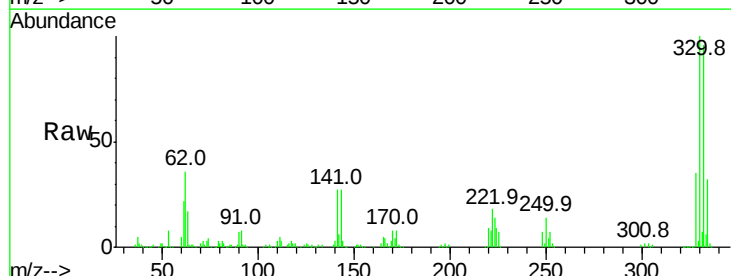


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

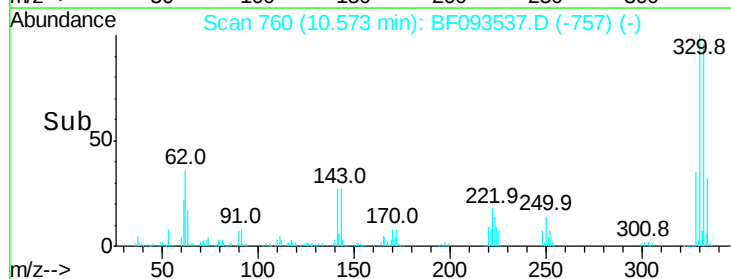
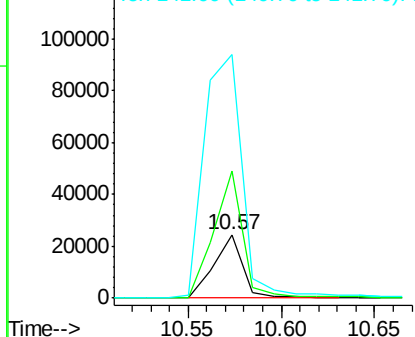


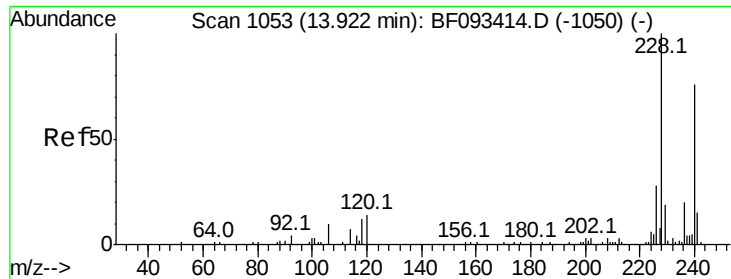
#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093537.D
Acq: 10 Mar 2017 22:14

Tgt Ion:248 Resp: 26155
Ion Ratio Lower Upper
248 100
250 201.4 76.9 115.3#
141 384.4 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: BF093537.D

Acq: 10 Mar 2017 22:14

Instrument :

BNA_F

ClientSampleId :

D-57

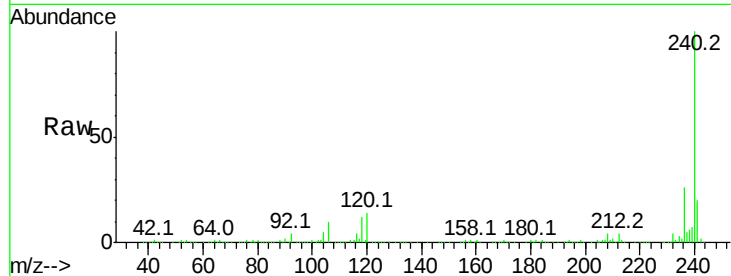
Tot Ion:240 Resp: 561317

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

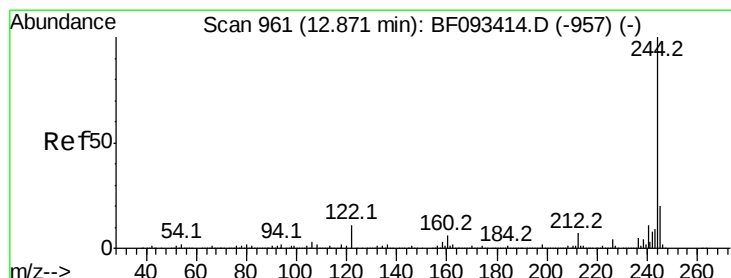
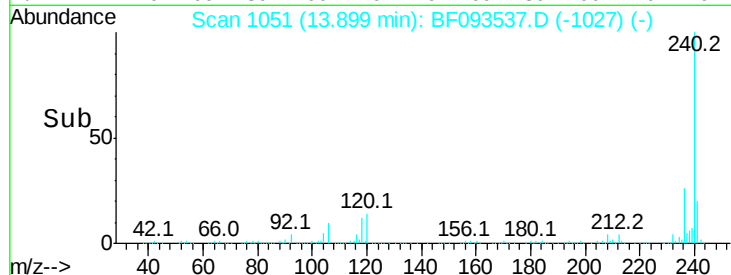
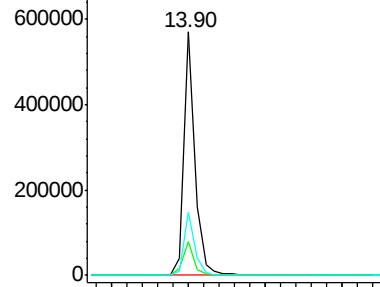
236 25.7 20.9 31.3



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: 78.35 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093537.D

Acq: 10 Mar 2017 22:14

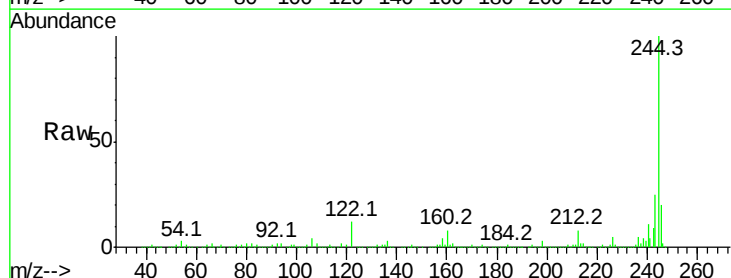
Tgt Ion:244 Resp: 1691465

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

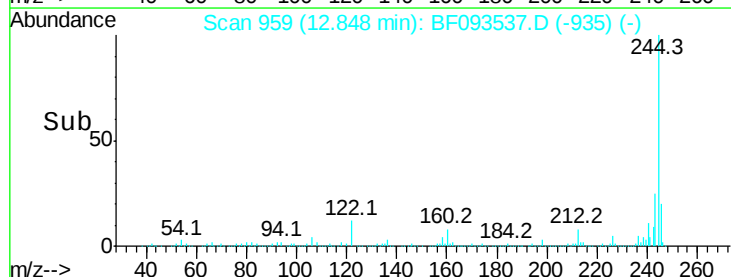
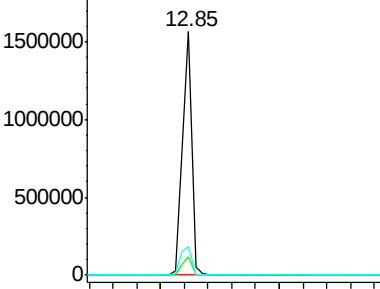
122 11.5 11.4 17.2

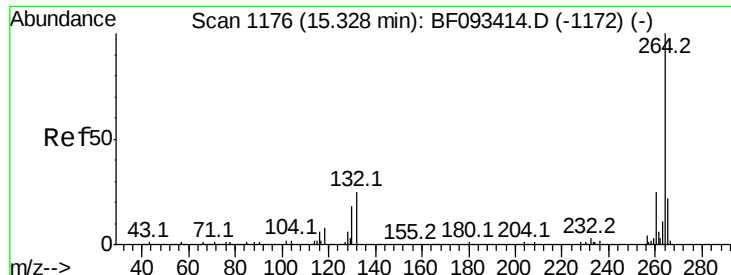


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

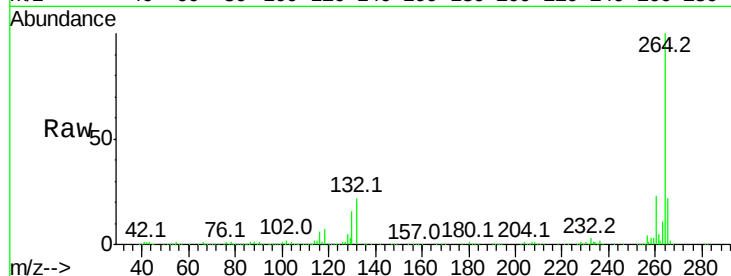




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093537.D
Acq: 10 Mar 2017 22:14

Instrument :
BNA_F
ClientSampleId :
D-57

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	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

