

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098950.D
 Acq On : 29 Sep 2017 16:13
 Operator : SJ/JU
 Sample : I5487-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 16:57:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

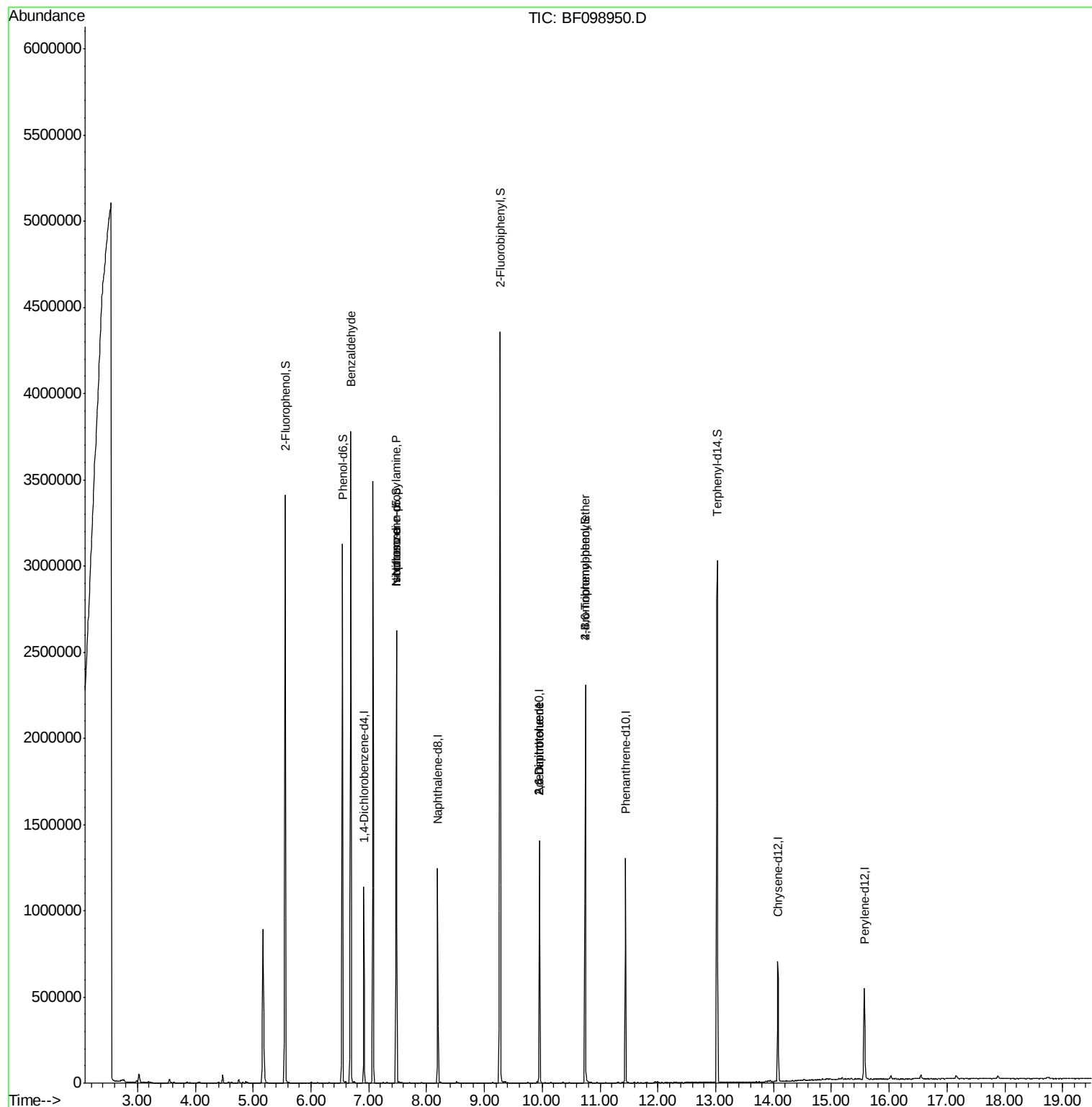
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	147554	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	616911	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	267522	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	407884	20.00	ng	0.00
75) Chrysene-d12	14.07	240	226685	20.00	ng	-0.01
86) Perylene-d12	15.57	264	242241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1113355	120.12	ng	0.02
7) Phenol-d6	6.55	99	1215563	106.31	ng	0.00
23) Nitrobenzene-d5	7.48	82	948576	98.61	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	276286	126.21	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1586644	99.01	ng	0.00
78) Terphenyl-d14	13.03	244	1035572	103.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	26167	3.945	ng	85
19) n-Nitroso-di-n-propylamine	7.48	70	125997	17.259	ng	# 76
25) Isophorone	7.48	82	943608	47.444	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	33419	7.603	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	33419	5.858	ng	# 24
66) 4-Bromophenyl-phenylether	10.75	248	18433	4.617	ng	# 1

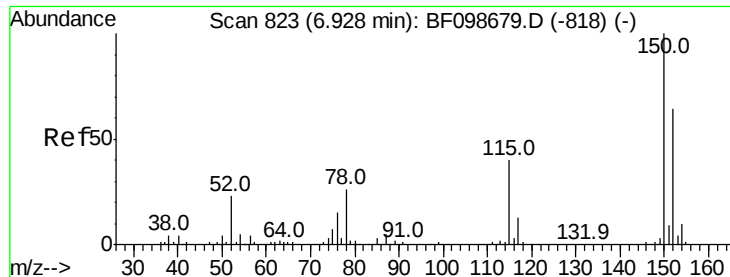
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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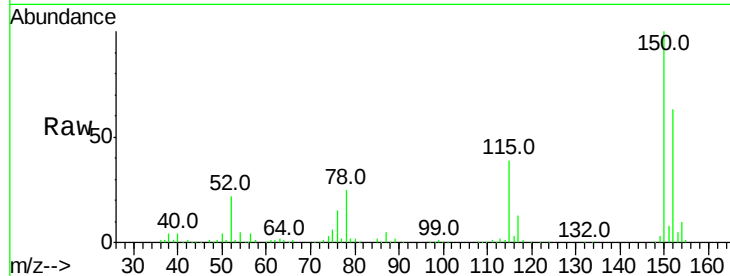


#1

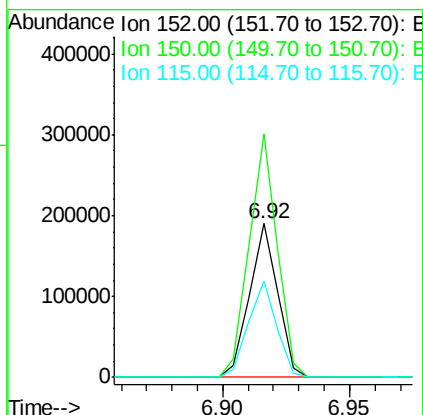
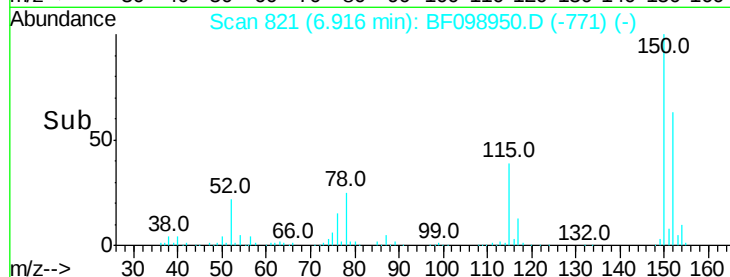
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098950.D
 Acq: 29 Sep 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 147554
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 62.2 50.1 75.1



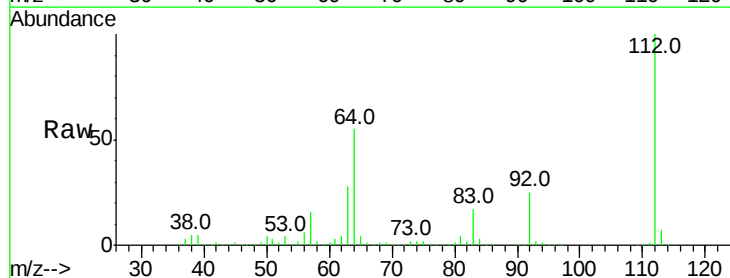
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



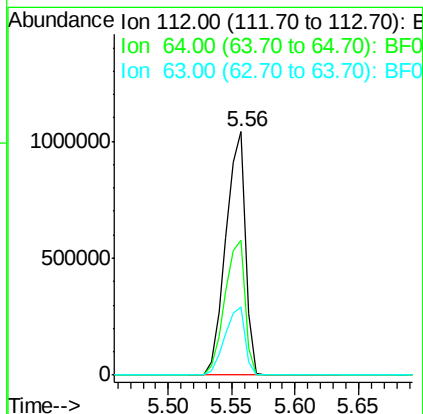
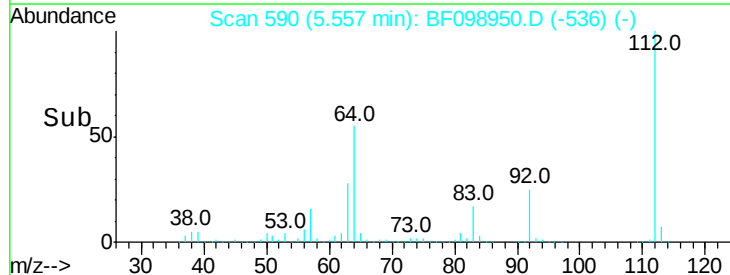
#5

2-Fluorophenol
 Concen: 120.115 ng
 RT: 5.56 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: BF098950.D
 Acq: 29 Sep 2017 16:13

Tgt Ion:112 Resp: 1113355
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.9 71.9
 63 27.9 23.7 35.5



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: 106.307 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098950.D

Acq: 29 Sep 2017 16:13

Instrument :

BNA_F

ClientSampleId :

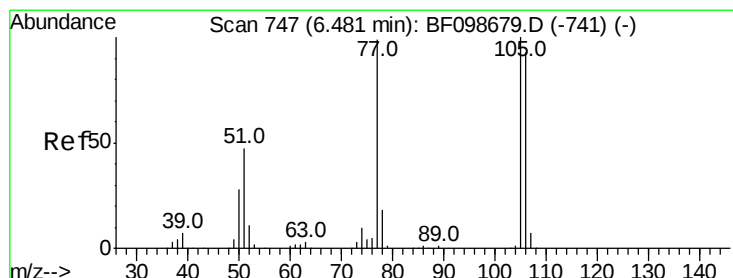
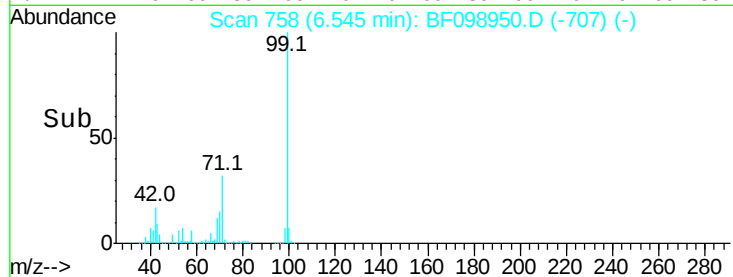
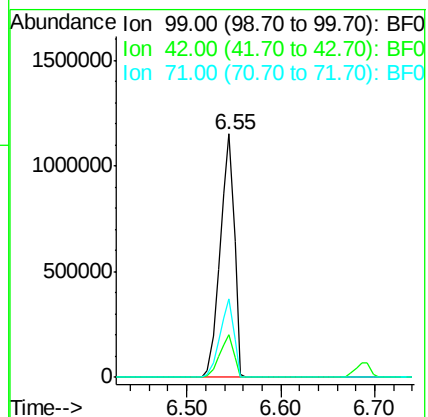
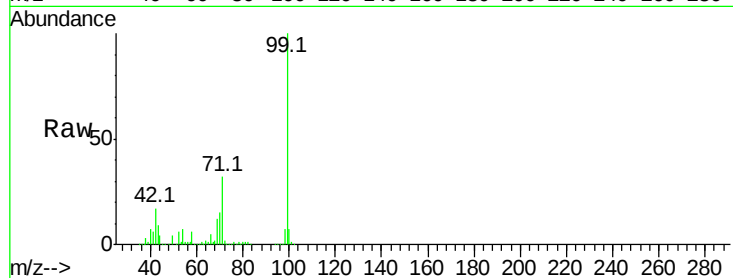
Tot Ion: 99 Resp: 1215563

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 32.2 25.4 38.0



#9

Benzaldehyde

Concen: 3.945 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.22 min

Lab File: BF098950.D

Acq: 29 Sep 2017 16:13

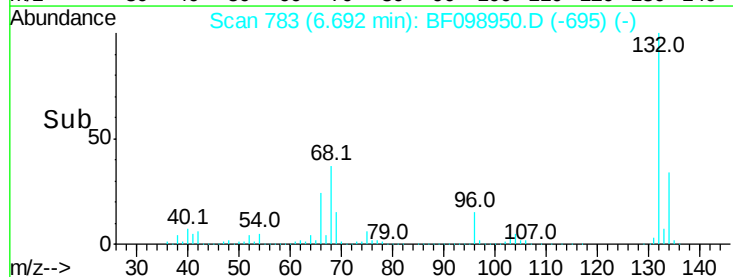
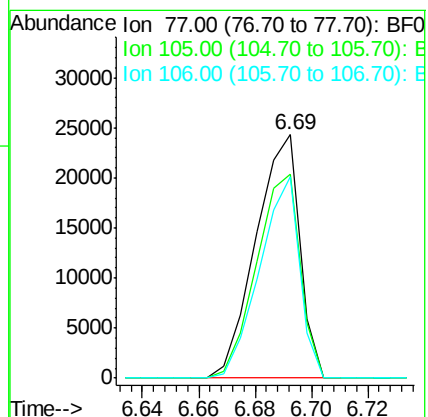
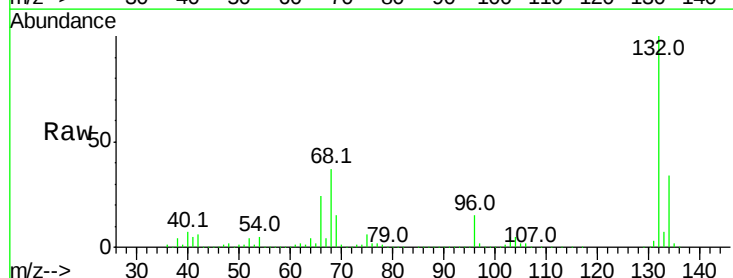
Tgt Ion: 77 Resp: 26167

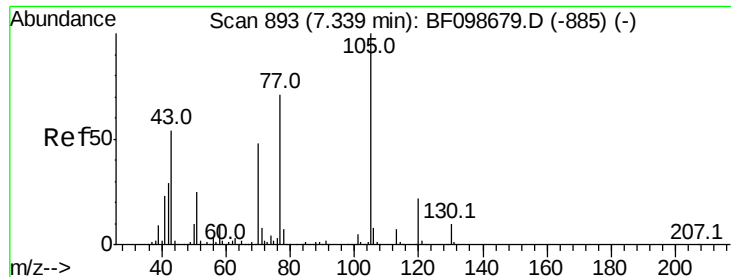
Ion Ratio Lower Upper

77 100

105 83.7 81.1 121.1

106 82.6 74.5 114.5

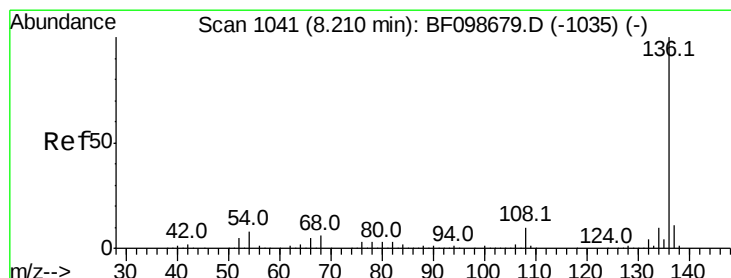
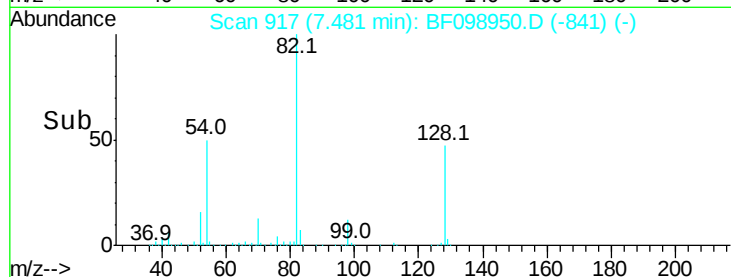
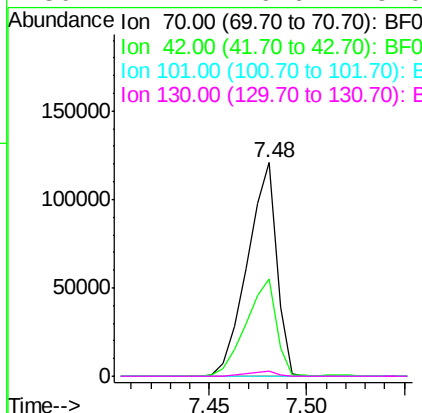
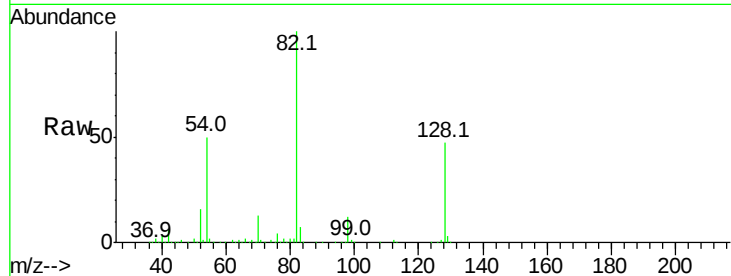




#19
n-Nitroso-di-n-propylamine
Concen: 17.259 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

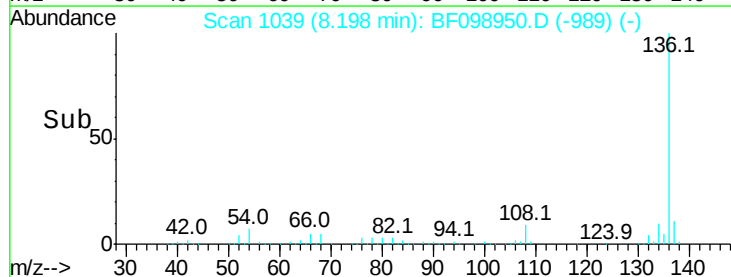
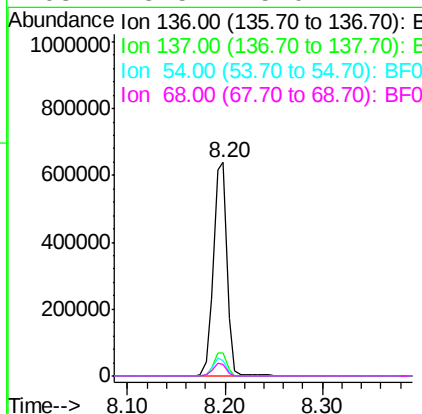
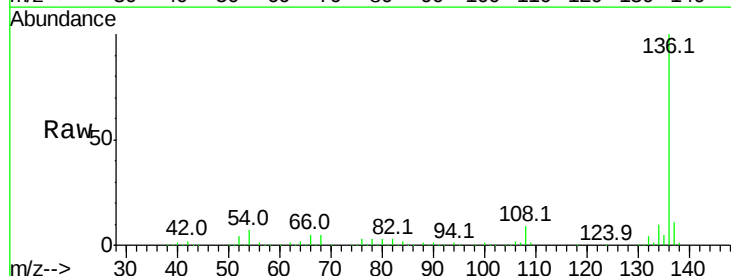
Instrument :
BNA_F
ClientSampleId :

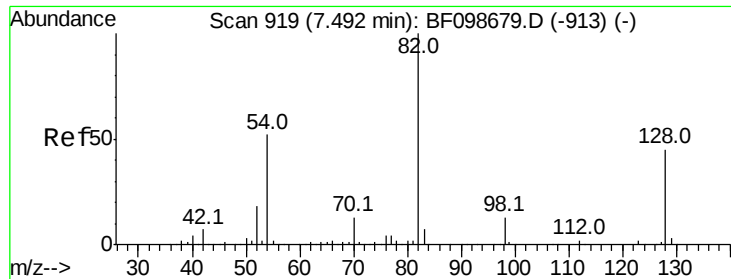
Tot Ion: 70 Resp: 125997
Ion Ratio Lower Upper
70 100
42 45.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Tgt Ion:136 Resp: 616911
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.2 6.6 9.8
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 98.608 ng

RT: 7.48 min Scan# 917

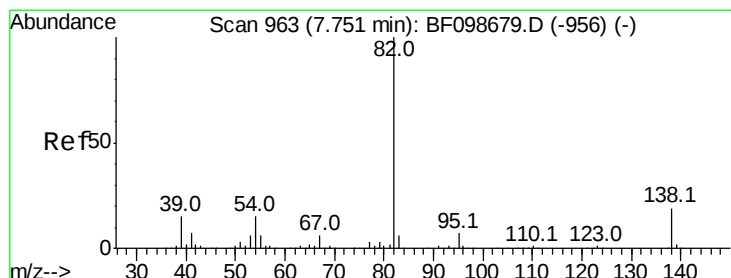
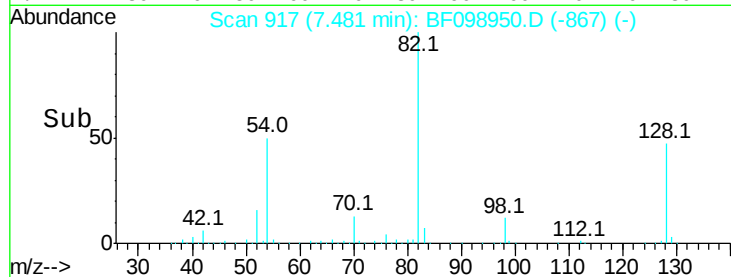
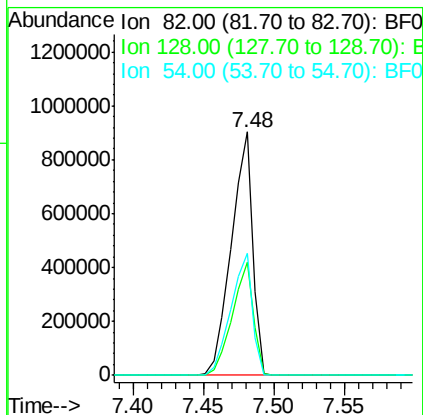
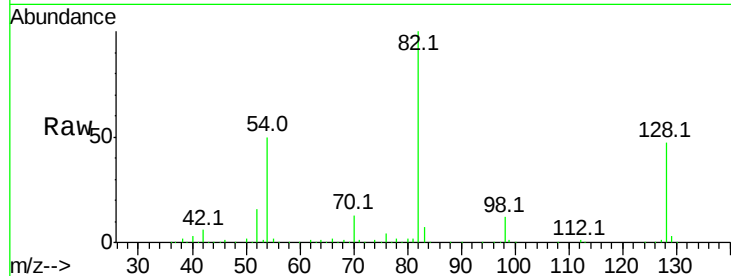
Delta R.T. -0.01 min

Lab File: BF098950.D

Acq: 29 Sep 2017 16:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	82	Resp:	948576
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	49.9	41.4	62.2



#25

Isophorone

Concen: 47.444 ng

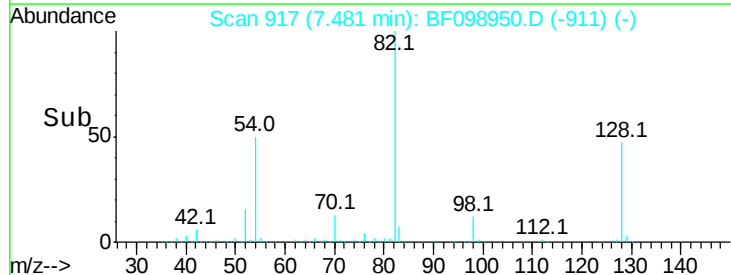
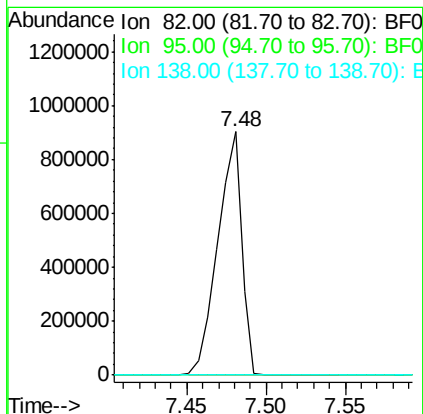
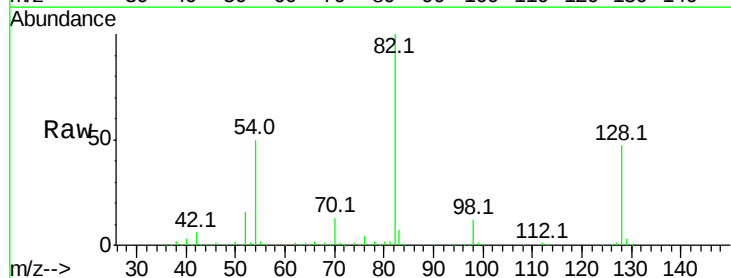
RT: 7.48 min Scan# 917

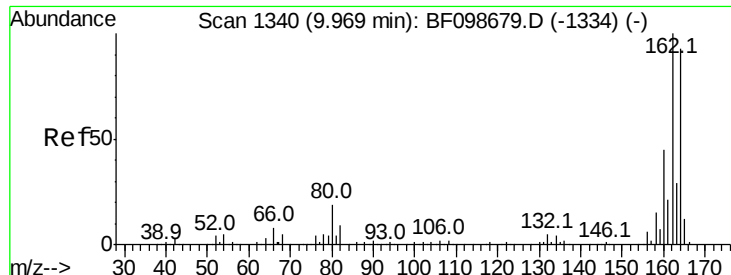
Delta R.T. -0.26 min

Lab File: BF098950.D

Acq: 29 Sep 2017 16:13

Tgt Ion:	82	Resp:	943608
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098950.D

Acq: 29 Sep 2017 16:13

Instrument :

BNA_F

ClientSampleId :

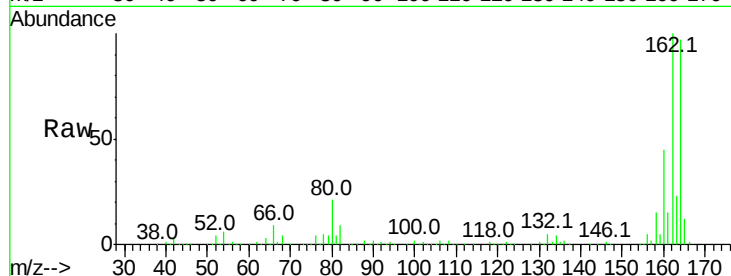
Tot Ion:164 Resp: 267522

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

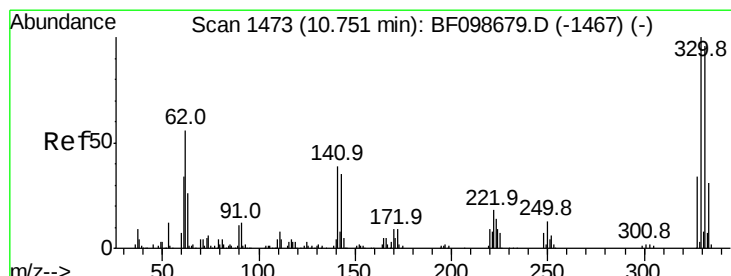
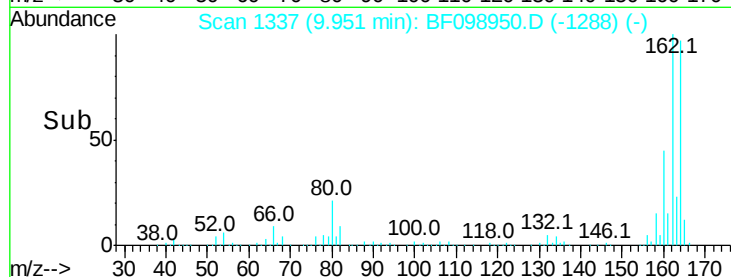
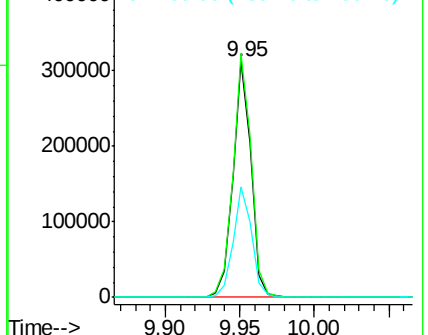
160 46.8 38.3 57.5



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: 126.212 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098950.D

Acq: 29 Sep 2017 16:13

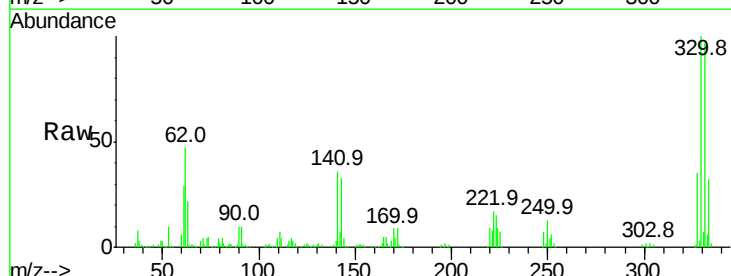
Tgt Ion:330 Resp: 276286

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

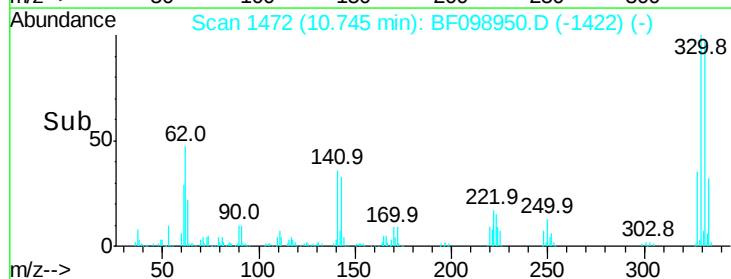
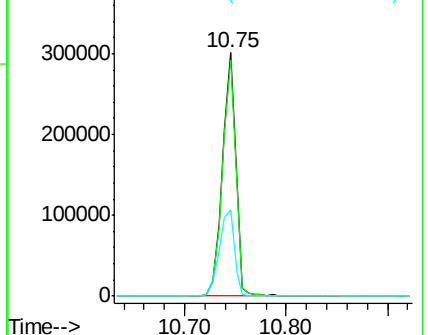
141 40.7 29.9 44.9

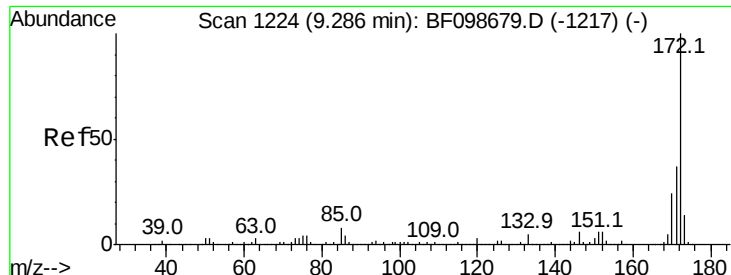


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



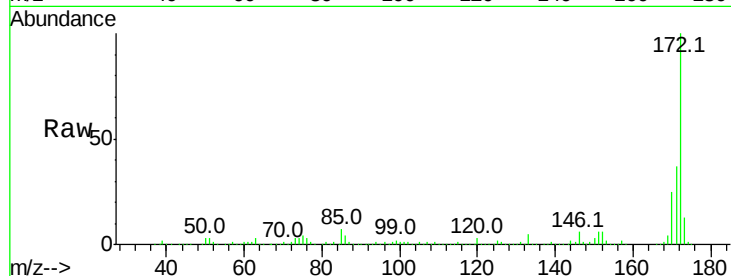


#44
 2-Fluorobiphenyl
 Concen: 99.011 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098950.D
 Acq: 29 Sep 2017 16:13

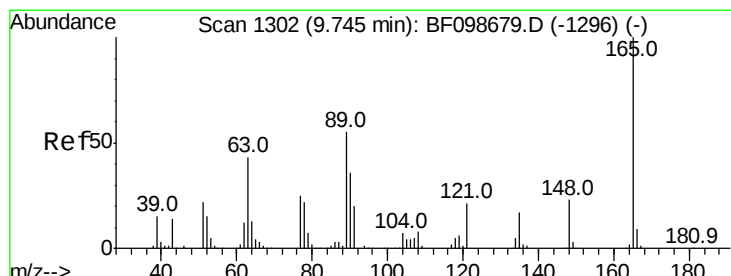
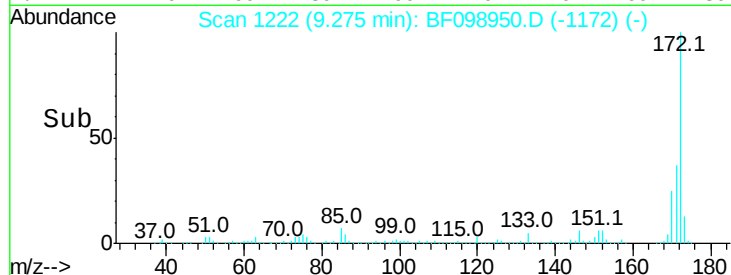
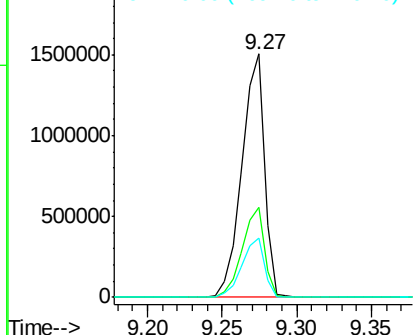
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1586644

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4



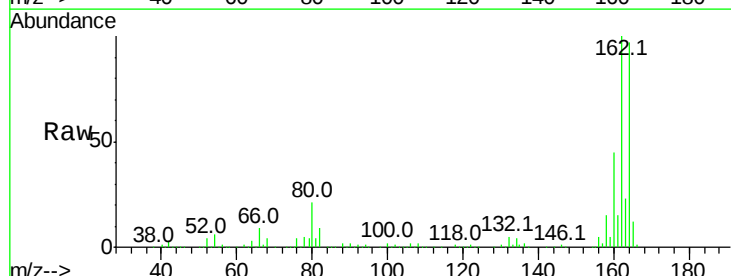
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



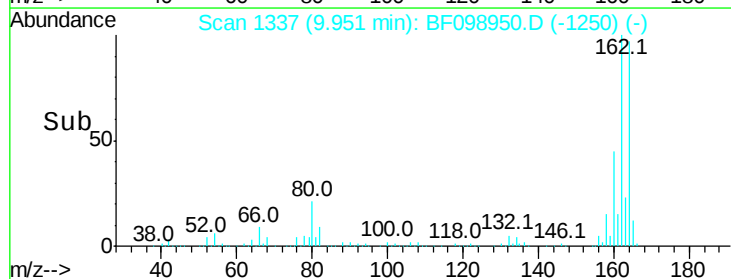
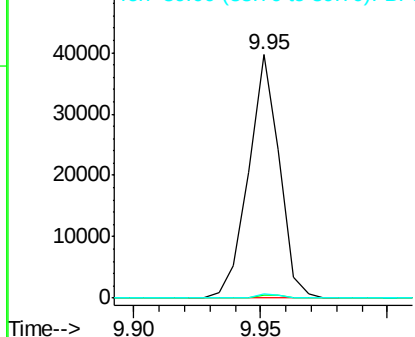
#50
 2,6-Dinitrotoluene
 Concen: 7.603 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098950.D
 Acq: 29 Sep 2017 16:13

Tgt Ion:165 Resp: 33419

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	2.0	44.0	66.0#



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

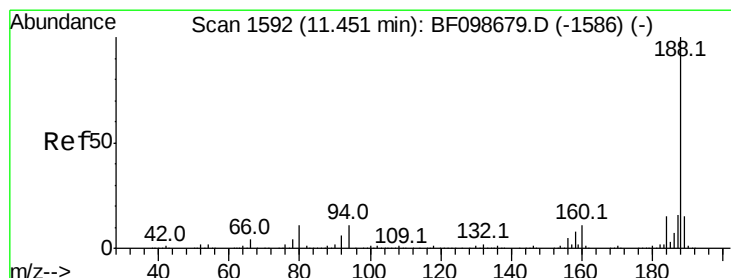
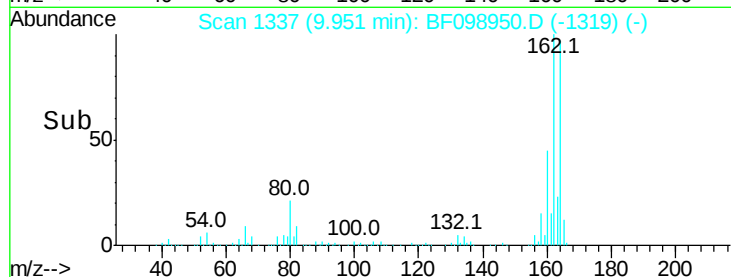
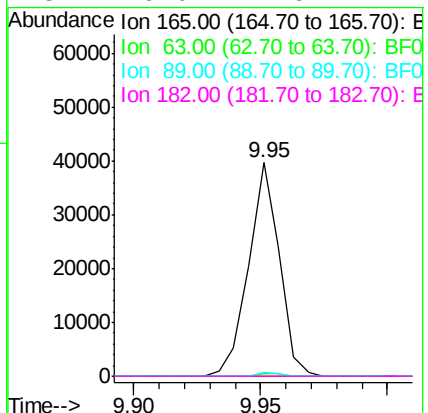
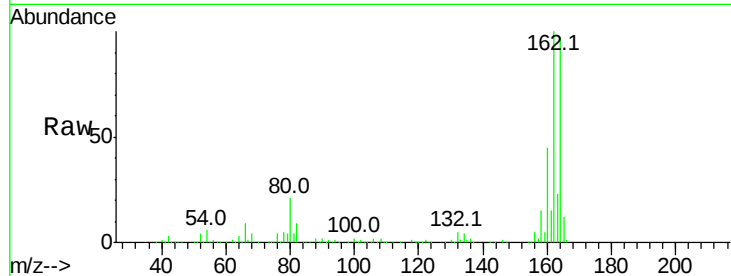




#56
 2,4-Dinitrotoluene
 Concen: 5.858 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098950.D
 Acq: 29 Sep 2017 16:13

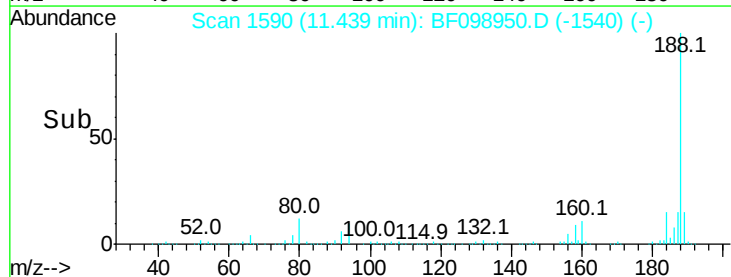
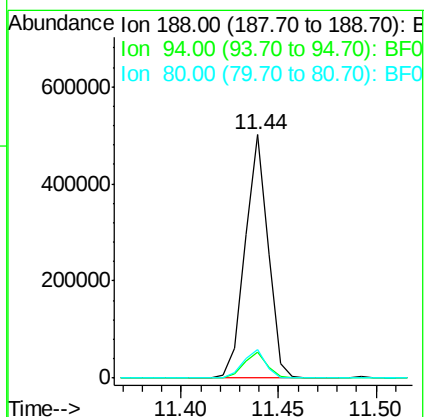
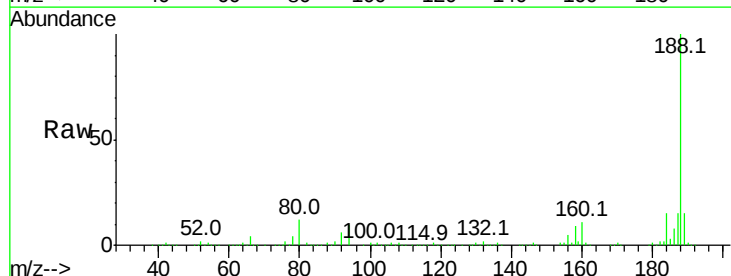
Instrument :
 BNA_F
 ClientSampleId :

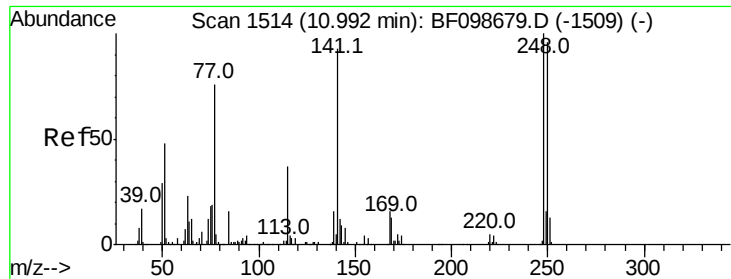
Tot Ion:165 Resp: 33419
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 2.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098950.D
 Acq: 29 Sep 2017 16:13

Tgt Ion:188 Resp: 407884
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.8 9.2 13.8

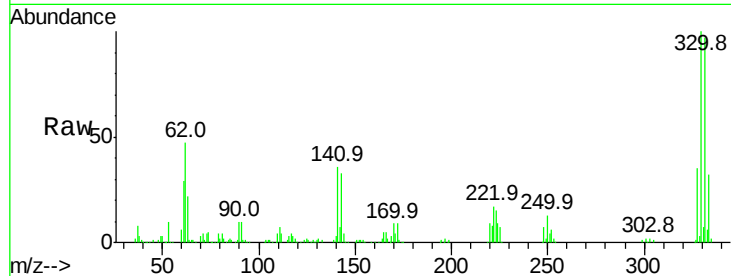




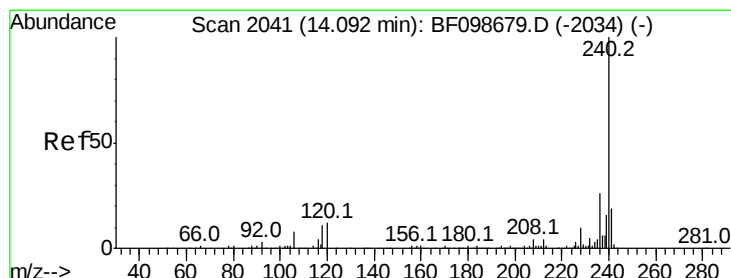
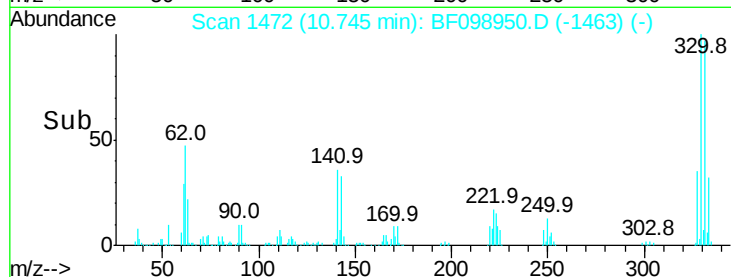
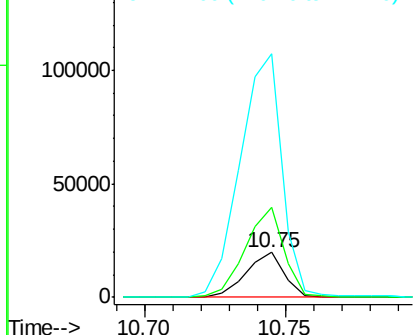
#66
4-Bromophenyl-phenylether
Concen: 4.617 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18433
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 543.0 74.4 111.6#

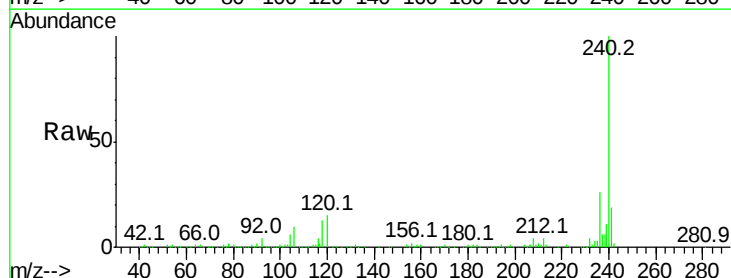


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

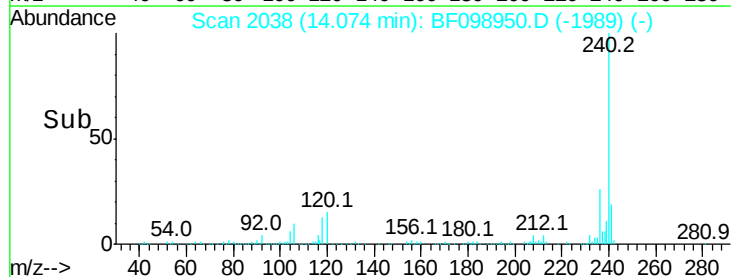
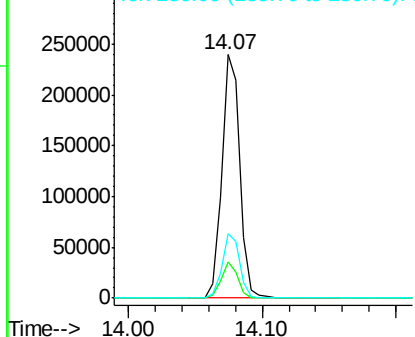


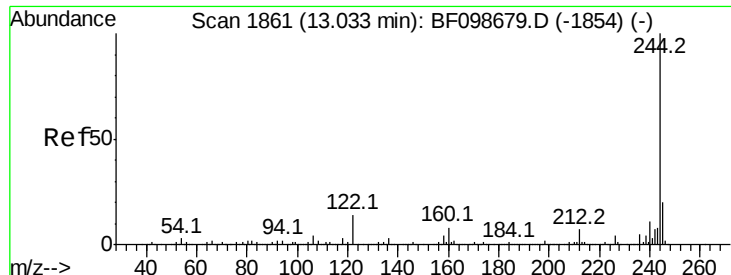
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Tgt Ion:240 Resp: 226685
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 26.4 20.7 31.1



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: 103.893 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098950.D

Acq: 29 Sep 2017 16:13

Instrument :

BNA_F

ClientSampled :

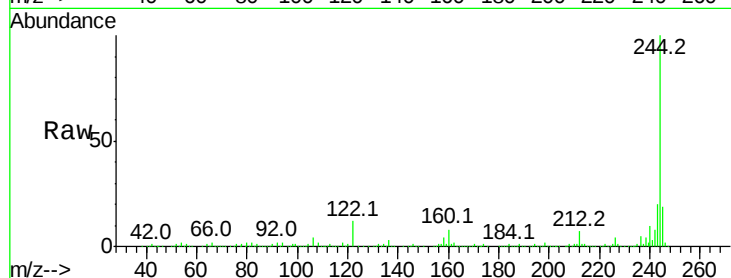
Tot Ion:244 Resp: 1035572

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

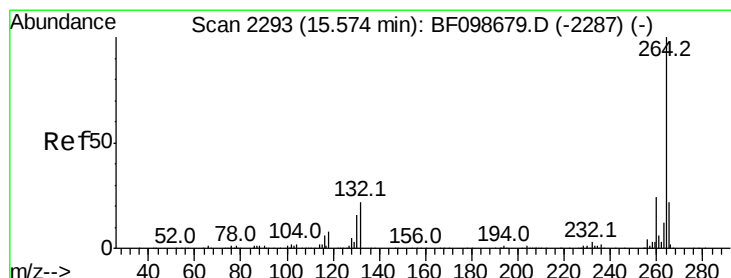
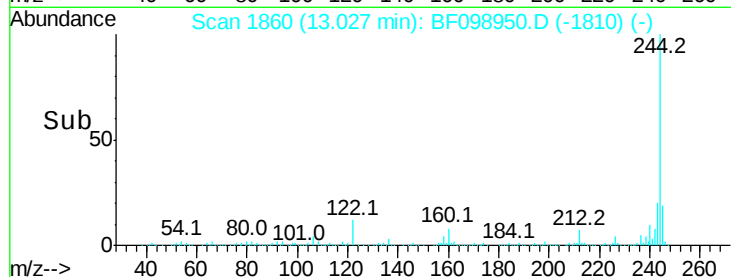
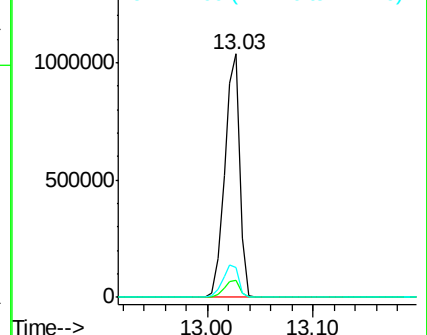
122 12.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098950.D

Acq: 29 Sep 2017 16:13

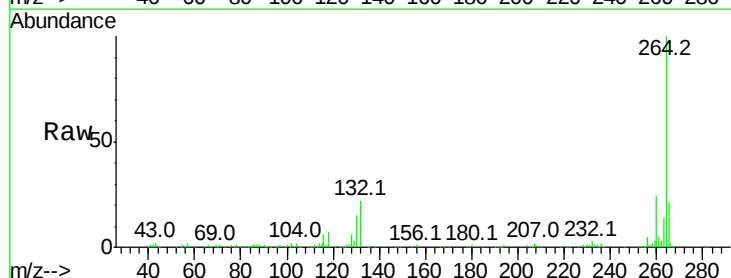
Tgt Ion:264 Resp: 242241

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.3 17.5 26.3



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

