

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099087.D
 Acq On : 5 Oct 2017 00:44
 Operator : SJ/JU
 Sample : I5589-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 05:40:28 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

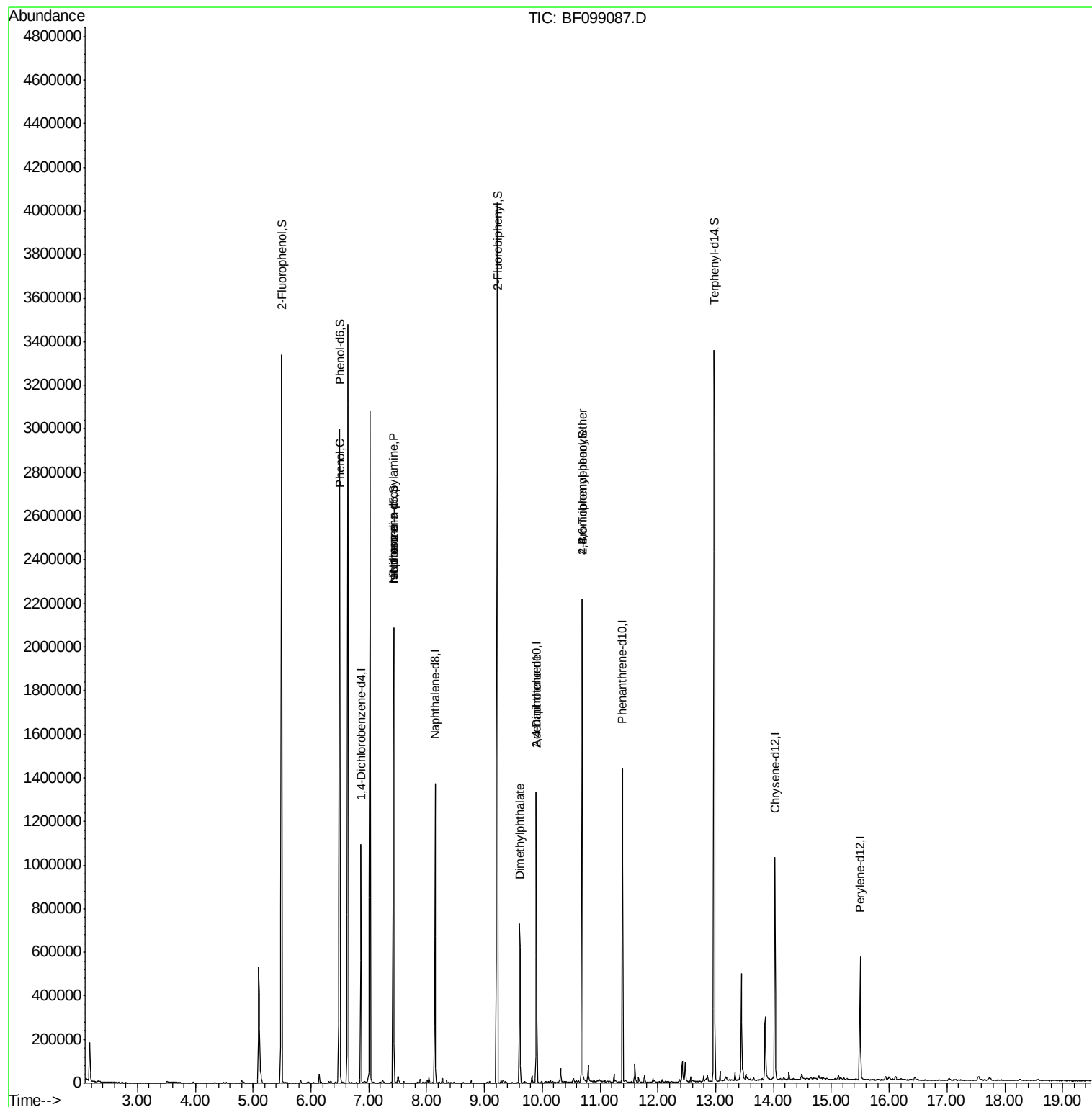
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	140065	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	591364	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	270127	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	470686	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	312900	20.00	ng	-0.06
86) Perylene-d12	15.50	264	237447	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1135805	129.09	ng	-0.05
7) Phenol-d6	6.50	99	1417247	130.57	ng	-0.05
23) Nitrobenzene-d5	7.43	82	851392	92.33	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	294515	133.24	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1452522	89.77	ng	-0.06
78) Terphenyl-d14	12.97	244	1265378	91.97	ng	-0.06
Target Compounds						
10) Phenol	6.51	94	36760	3.03	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.43	70	110388	15.93	ng	# 75
25) Isophorone	7.43	82	845673	44.36	ng	# 64
49) Dimethylphthalate	9.61	163	296593	14.55	ng	99
56) 2,4-Dinitrotoluene	9.90	165	34650	6.02	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	19611	4.26	ng	# 1

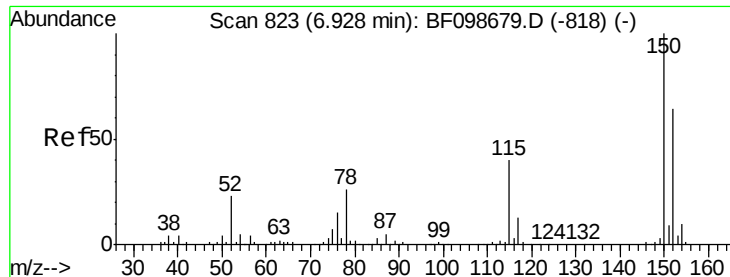
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099087.D
Acq On : 5 Oct 2017 00:44
Operator : SJ/JU
Sample : I5589-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 05 05:40:28 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



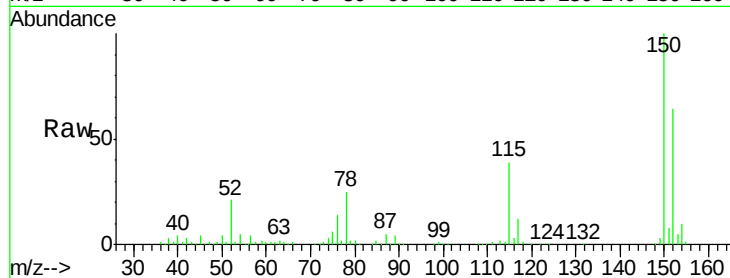


#1

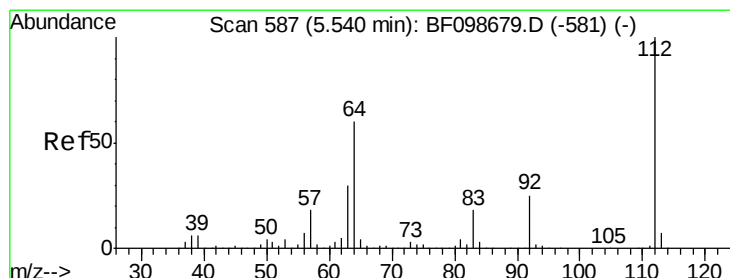
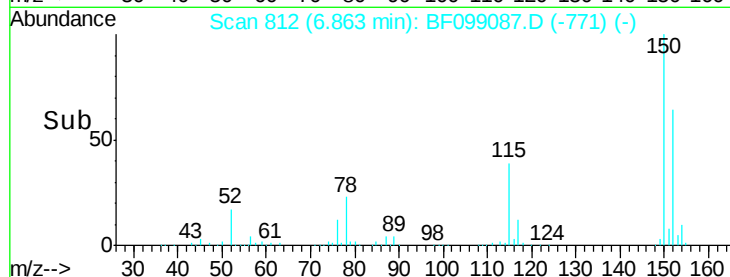
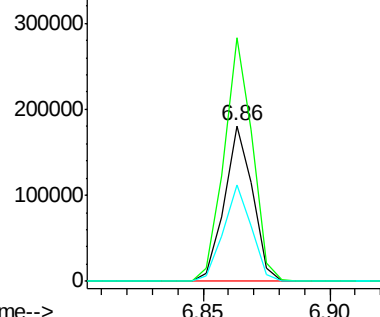
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140065
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.5 50.1 75.1



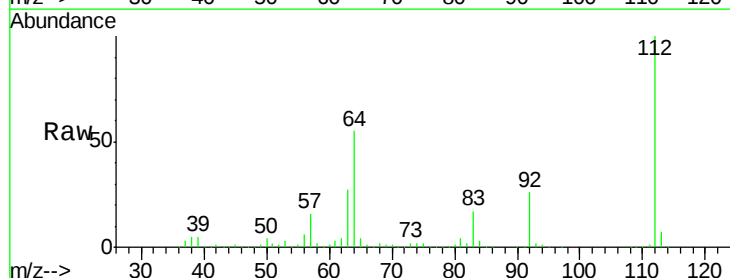
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



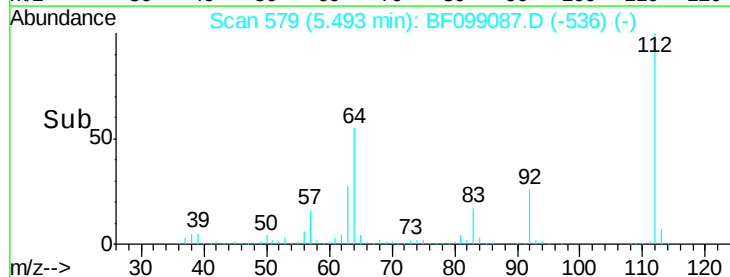
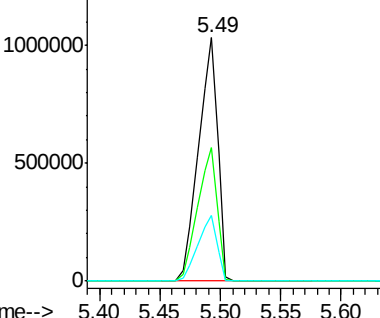
#5

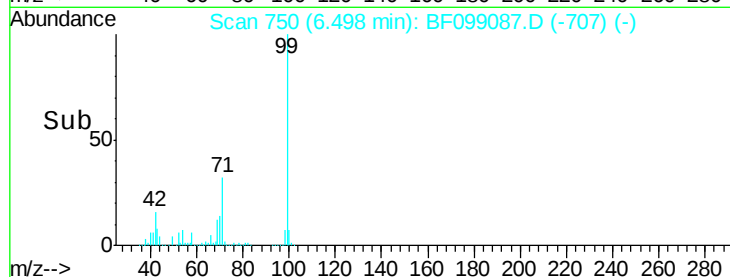
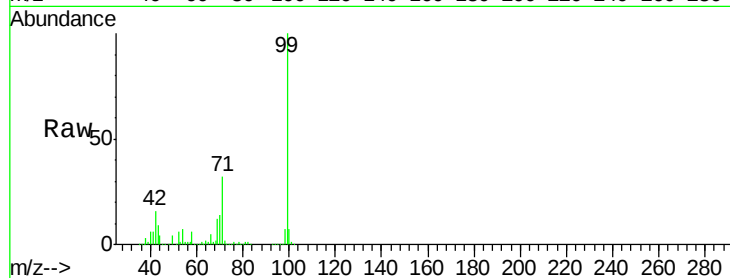
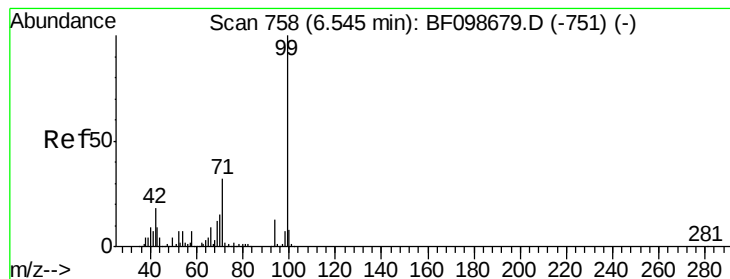
2-Fluorophenol
Concen: 129.09 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion:112 Resp: 1135805
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 27.1 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: 130.57 ng

RT: 6.50 min Scan# 750

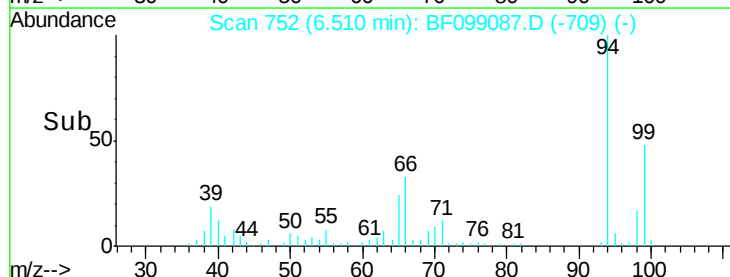
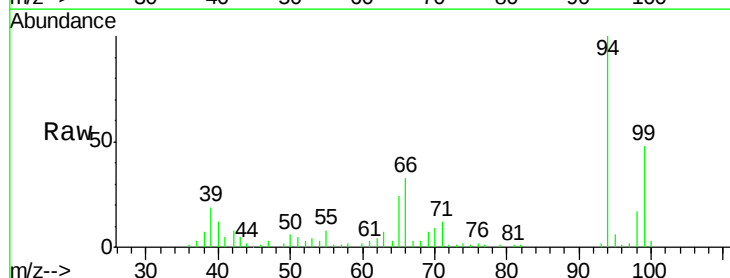
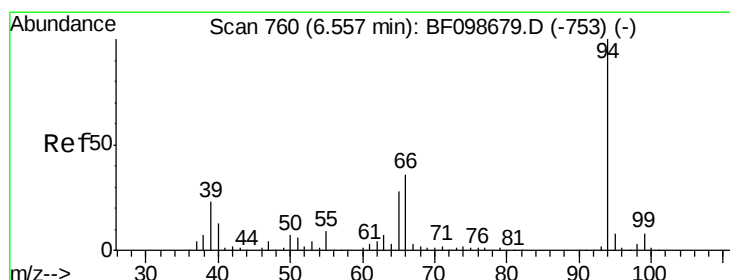
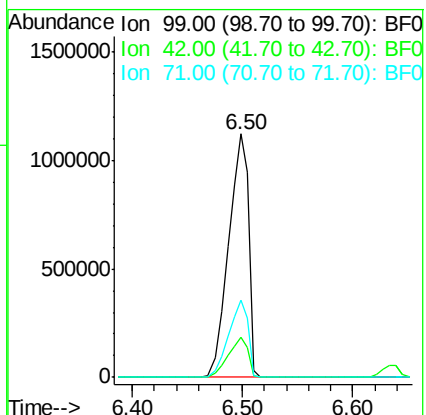
Delta R.T. -0.05 min

Lab File: BF099087.D

Acq: 5 Oct 2017 00:44

Tot Ion: 99 Resp: 1417247

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	31.5	25.4	38.0



#10

Phenol

Concen: 3.03 ng

RT: 6.51 min Scan# 752

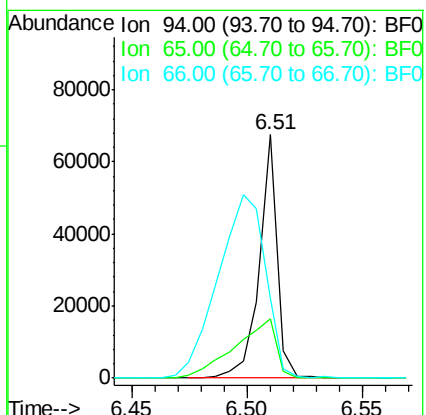
Delta R.T. -0.05 min

Lab File: BF099087.D

Acq: 5 Oct 2017 00:44

Tgt Ion: 94 Resp: 36760

Ion	Ratio	Lower	Upper
94	100		
65	24.3	7.9	47.9
66	32.5	16.2	56.2

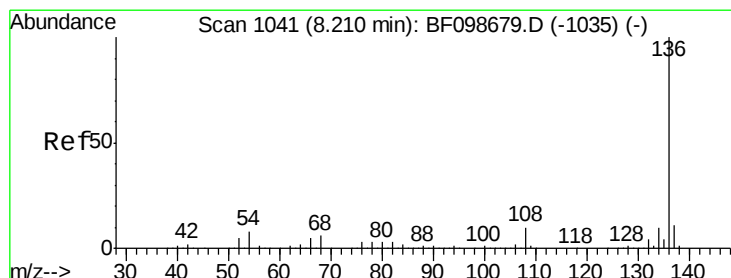
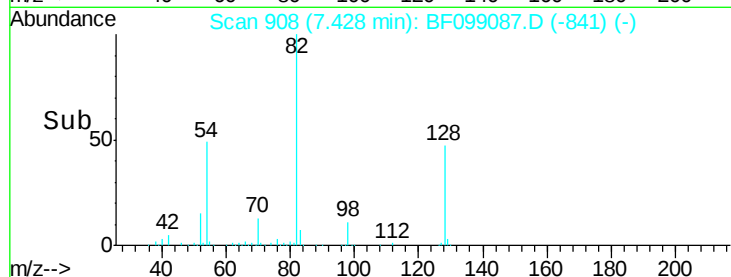
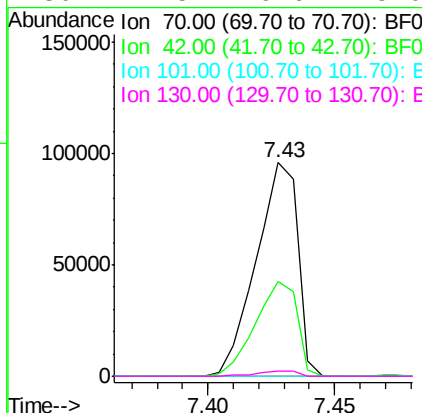
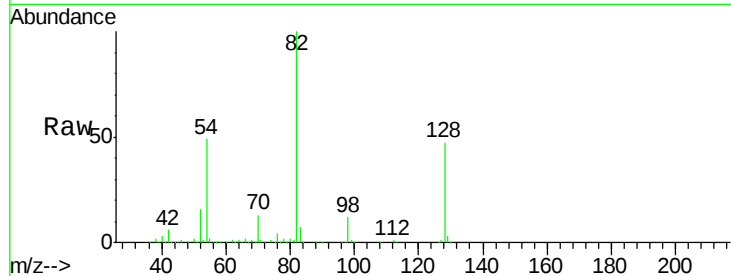




#19
n-Nitroso-di-n-propylamine
Concen: 15.93 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.09 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

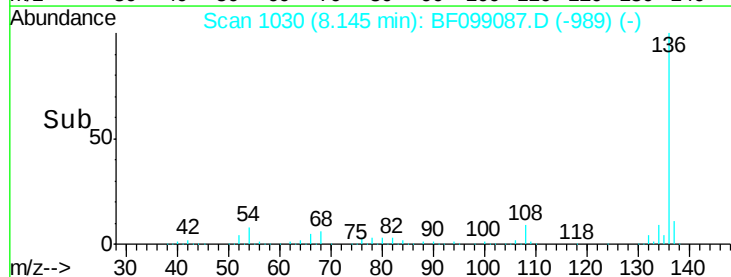
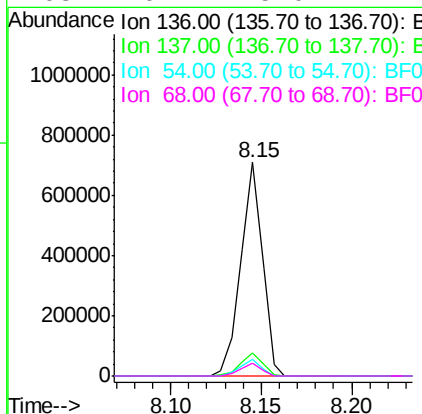
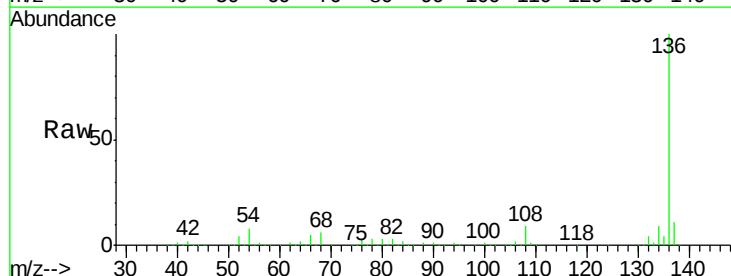
Instrument :
BNA_F
ClientSampled :

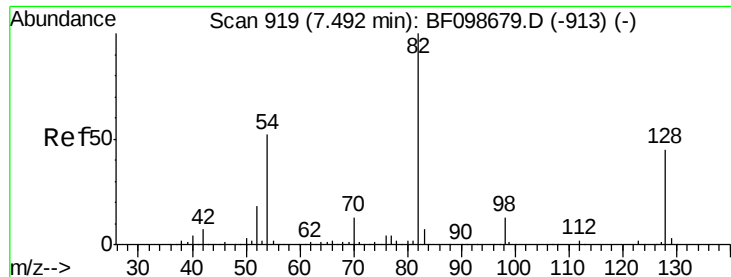
Tot Ion: 70 Resp: 110388
Ion Ratio Lower Upper
70 100
42 44.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion:136 Resp: 591364
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.5 6.6 9.8
68 6.2 5.0 7.4

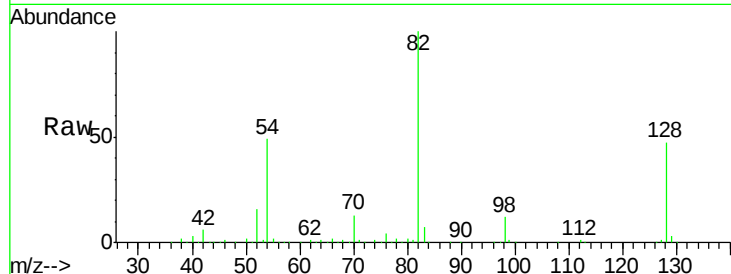




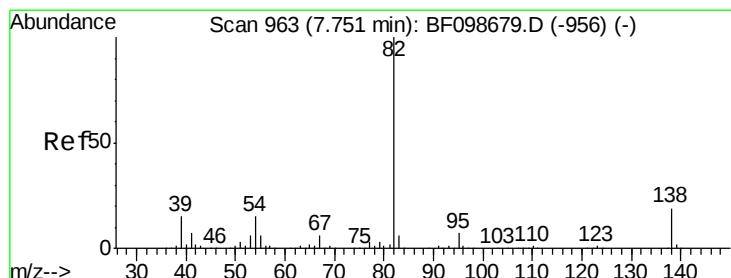
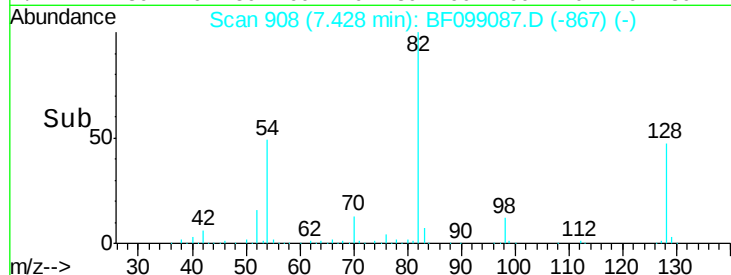
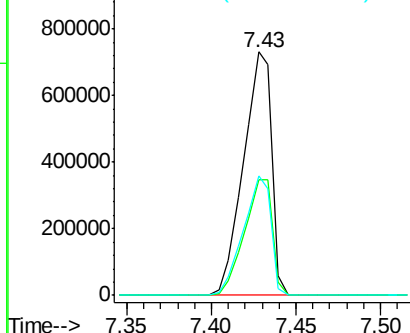
#23
 Nitrobenzene-d5
 Concen: 92.33 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.06 min
 Lab File: BF099087.D
 Acq: 5 Oct 2017 00:44

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	851392
Ion Ratio	100	Lower	Upper
128	47.3	36.1	54.1
54	48.8	41.4	62.2

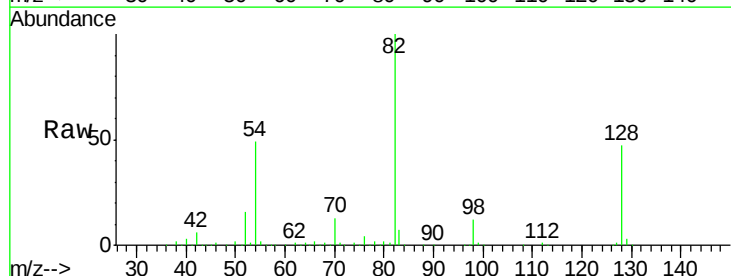


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

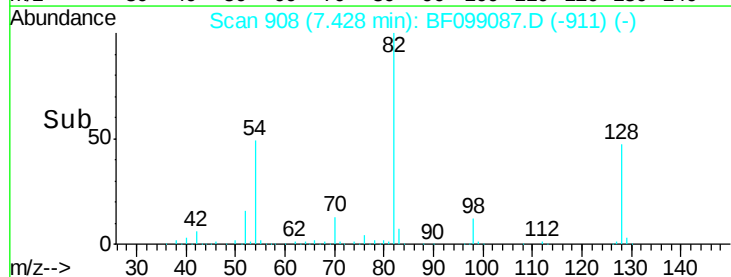
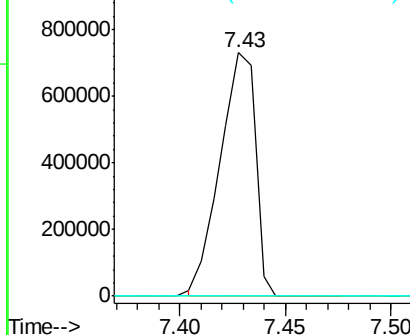


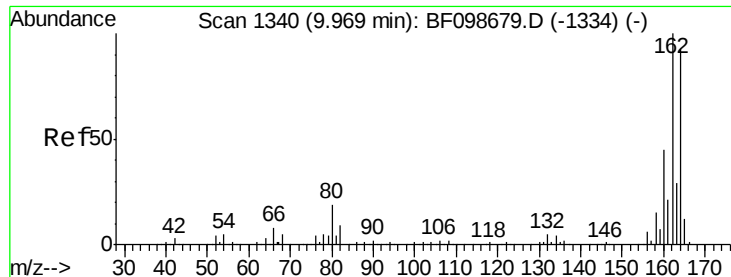
#25
 Isophorone
 Concen: 44.36 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.32 min
 Lab File: BF099087.D
 Acq: 5 Oct 2017 00:44

Tgt Ion	82	Resp	845673
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF099087.D

Acq: 5 Oct 2017 00:44

Instrument :

BNA_F

ClientSampleId :

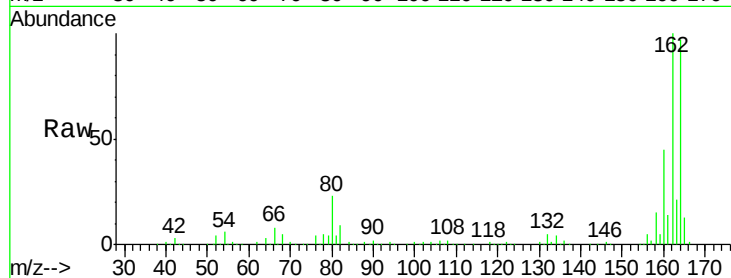
Tot Ion:164 Resp: 270127

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

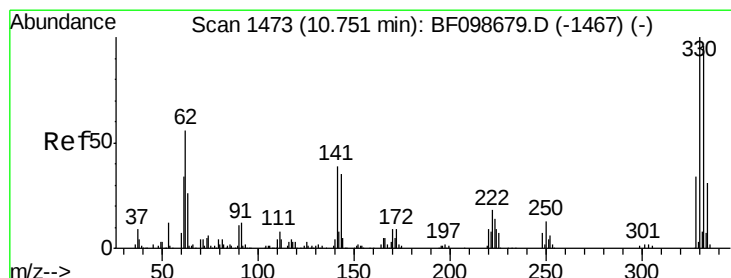
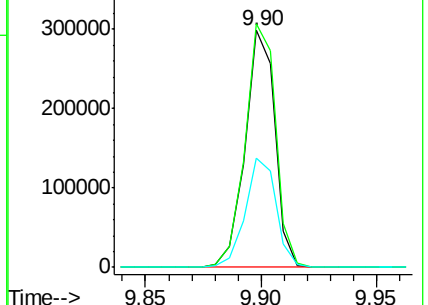
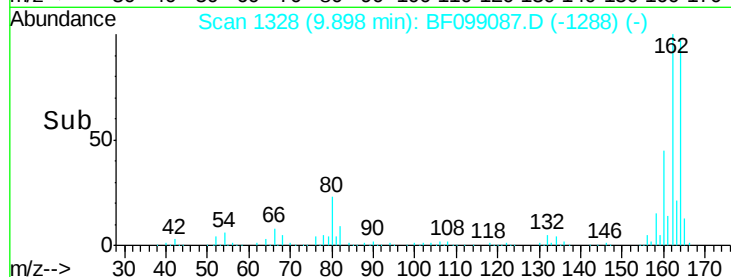
160 46.2 38.3 57.5



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: 133.24 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.06 min

Lab File: BF099087.D

Acq: 5 Oct 2017 00:44

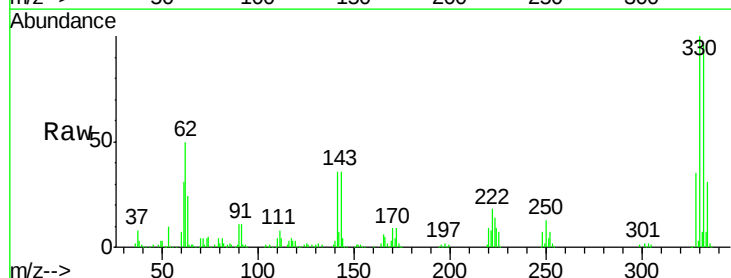
Tgt Ion:330 Resp: 294515

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

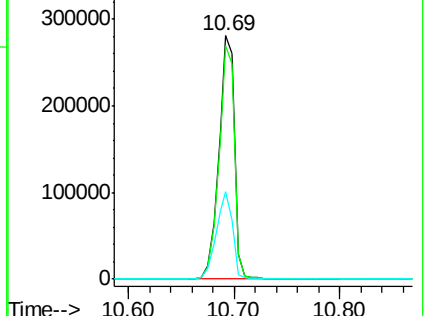
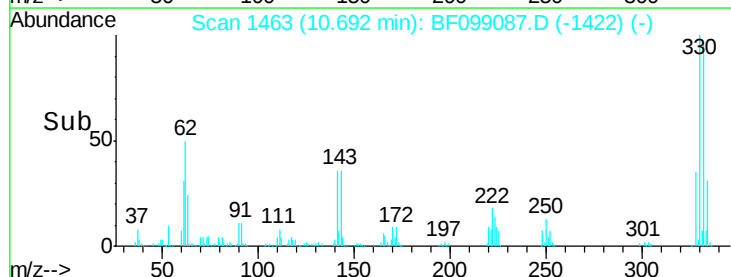
141 37.6 29.9 44.9

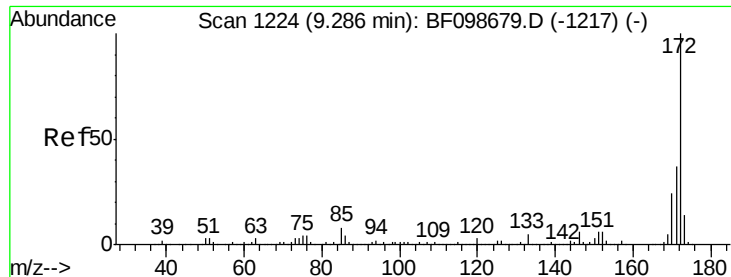


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

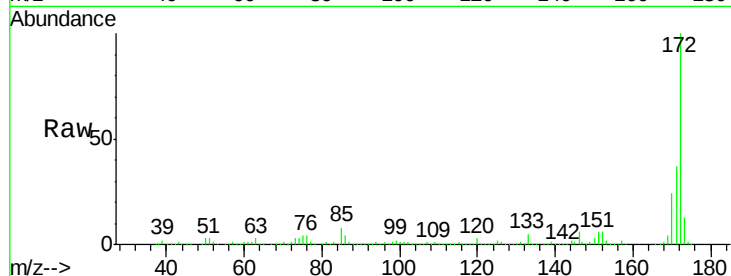




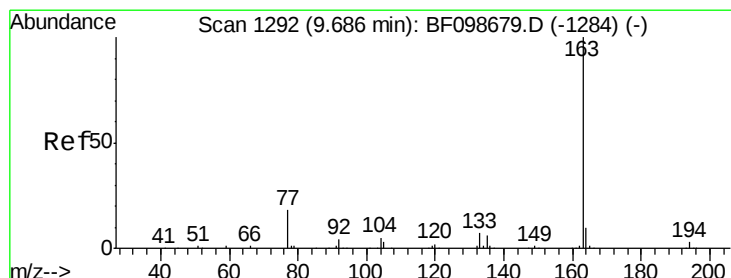
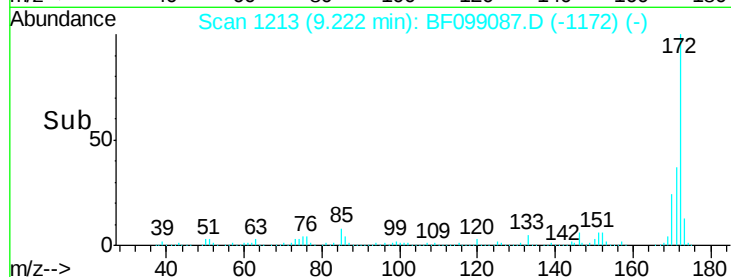
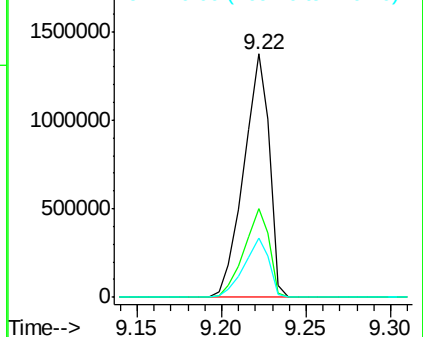
#44
2-Fluorobiphenyl
Concen: 89.77 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1452522
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.3 19.6 29.4

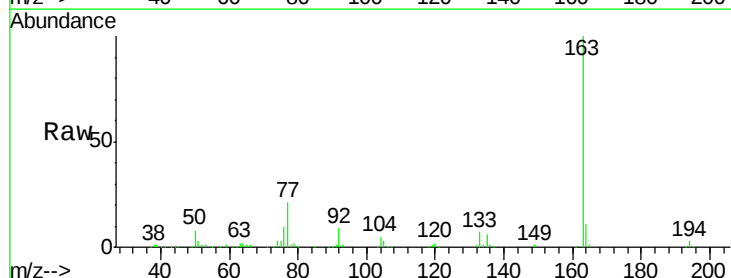


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

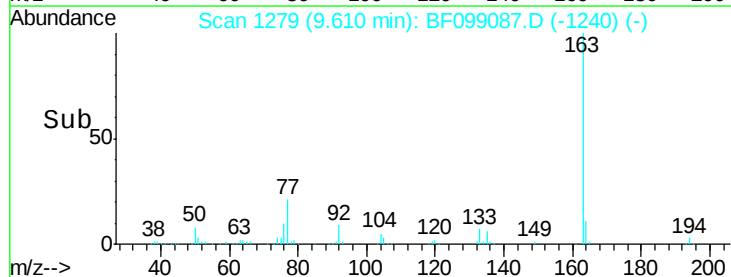
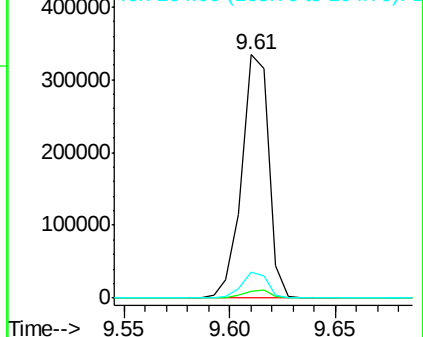


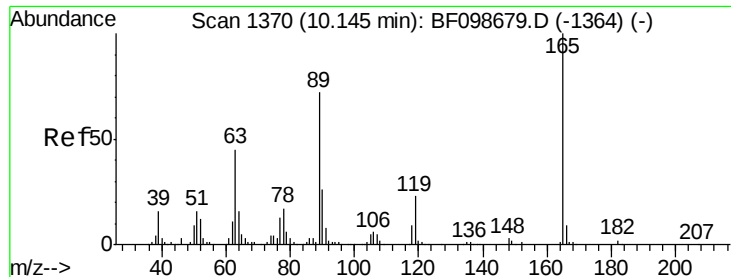
#49
Dimethylphthalate
Concen: 14.55 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion:163 Resp: 296593
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

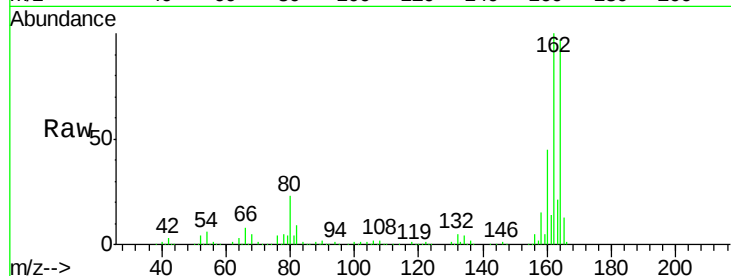




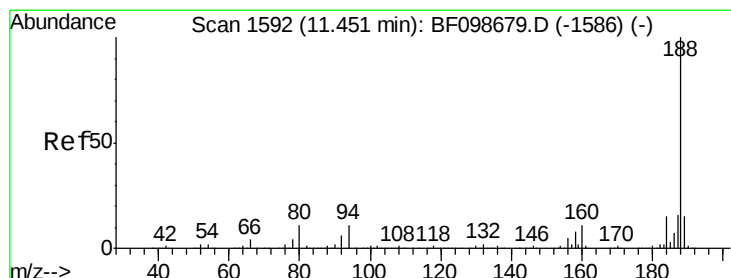
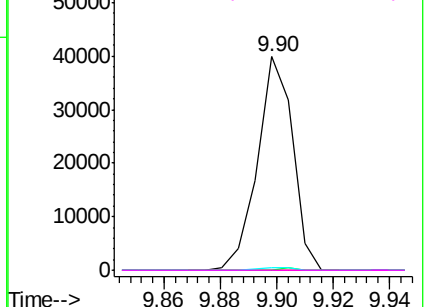
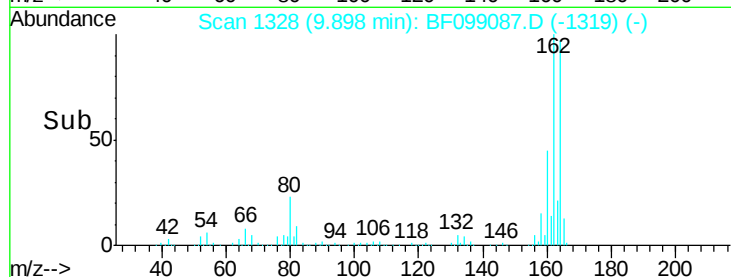
#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.25 min
 Lab File: BF099087.D
 Acq: 5 Oct 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34650
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#

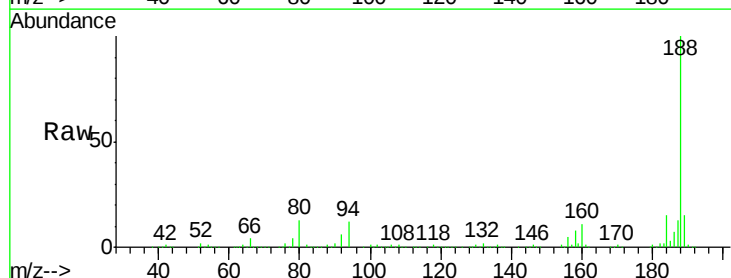


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

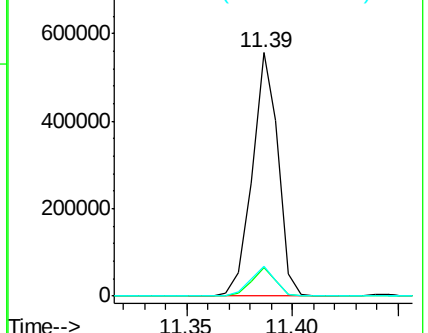
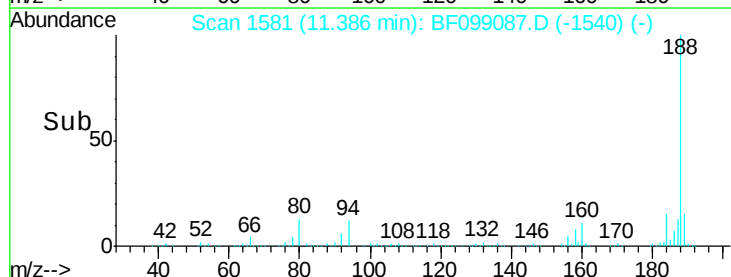


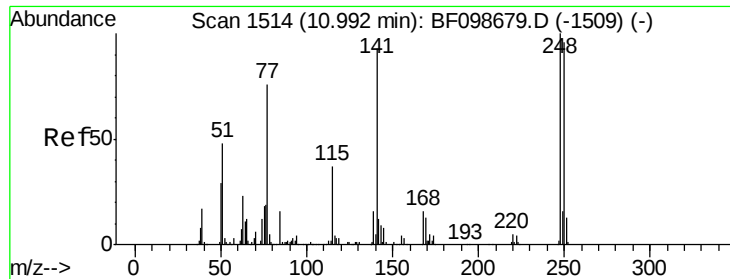
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.06 min
 Lab File: BF099087.D
 Acq: 5 Oct 2017 00:44

Tgt Ion:188 Resp: 470686
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 12.5 9.2 13.8



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

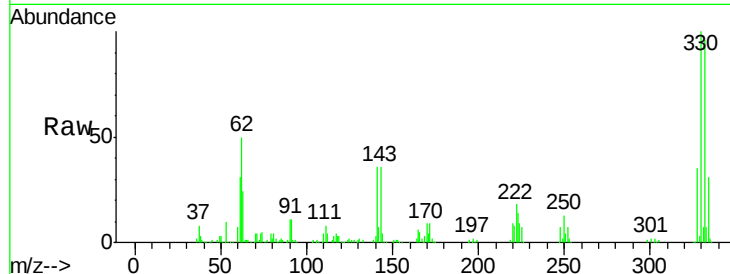




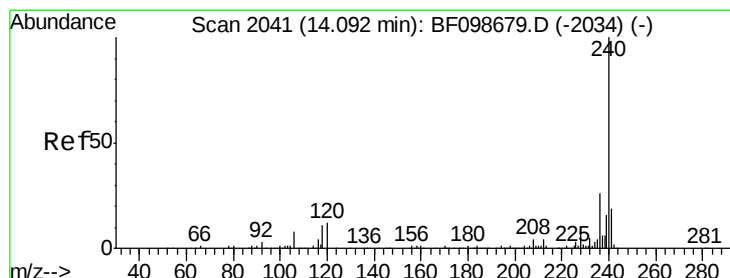
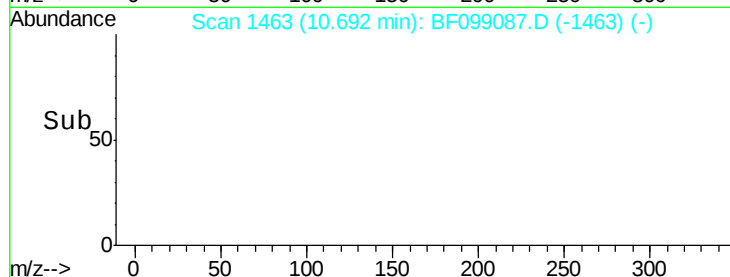
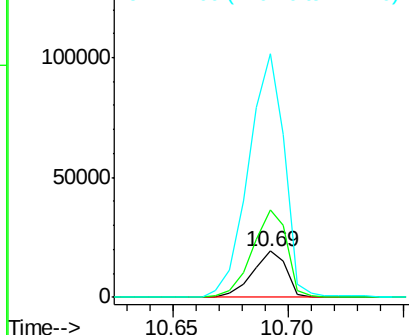
#66
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.30 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19611
Ion Ratio Lower Upper
248 100
250 190.0 76.9 115.3#
141 526.8 74.4 111.6#

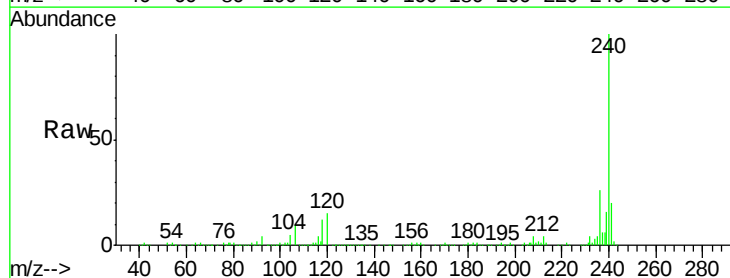


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

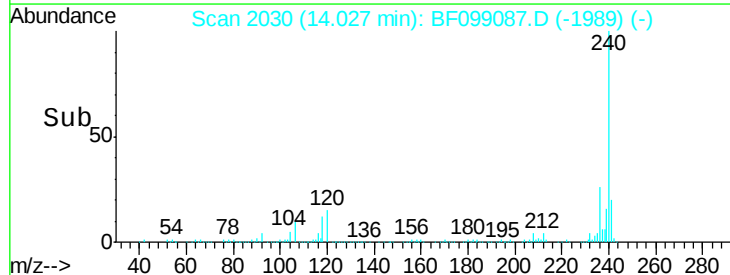
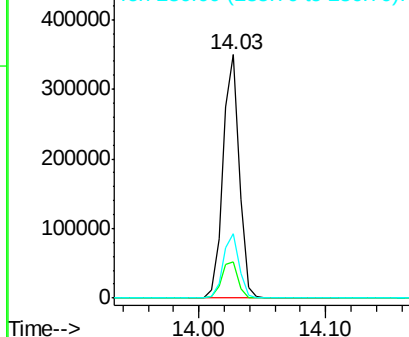


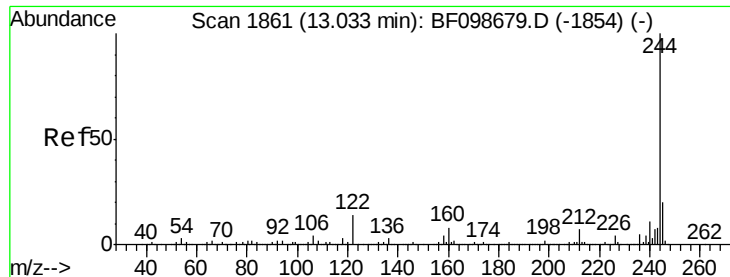
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099087.D
Acq: 5 Oct 2017 00:44

Tgt Ion:240 Resp: 312900
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 26.5 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

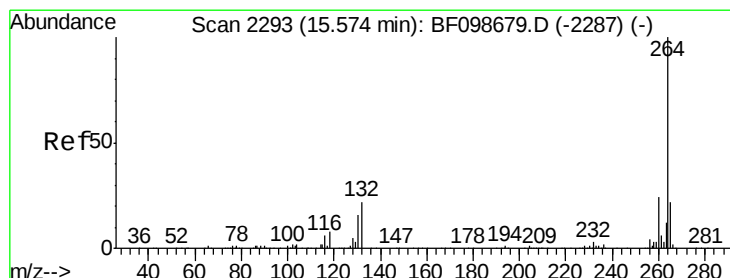
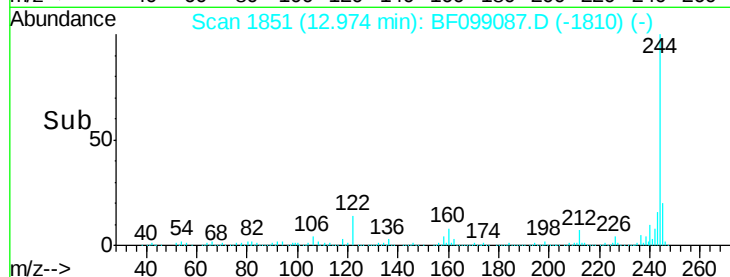
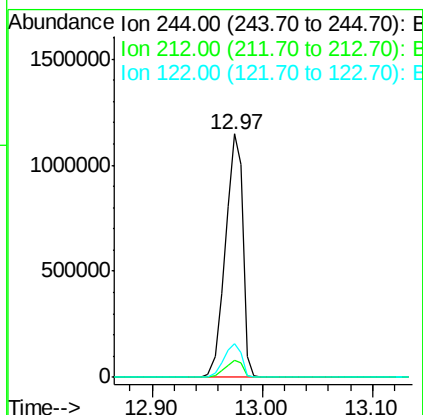
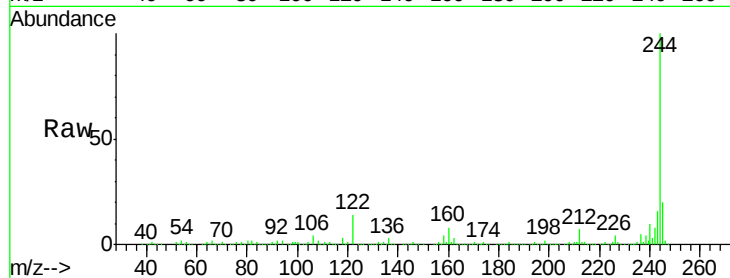




#78
 Terphenyl-d14
 Concen: 91.97 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.06 min
 Lab File: BF099087.D
 Acq: 5 Oct 2017 00:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1265378
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.08 min
 Lab File: BF099087.D
 Acq: 5 Oct 2017 00:44

Tgt Ion:264 Resp: 237447
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.5 17.5 26.3

