

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099266.D
 Acq On : 9 Oct 2017 17:01
 Operator : SJ/JU
 Sample : I5651-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:10:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

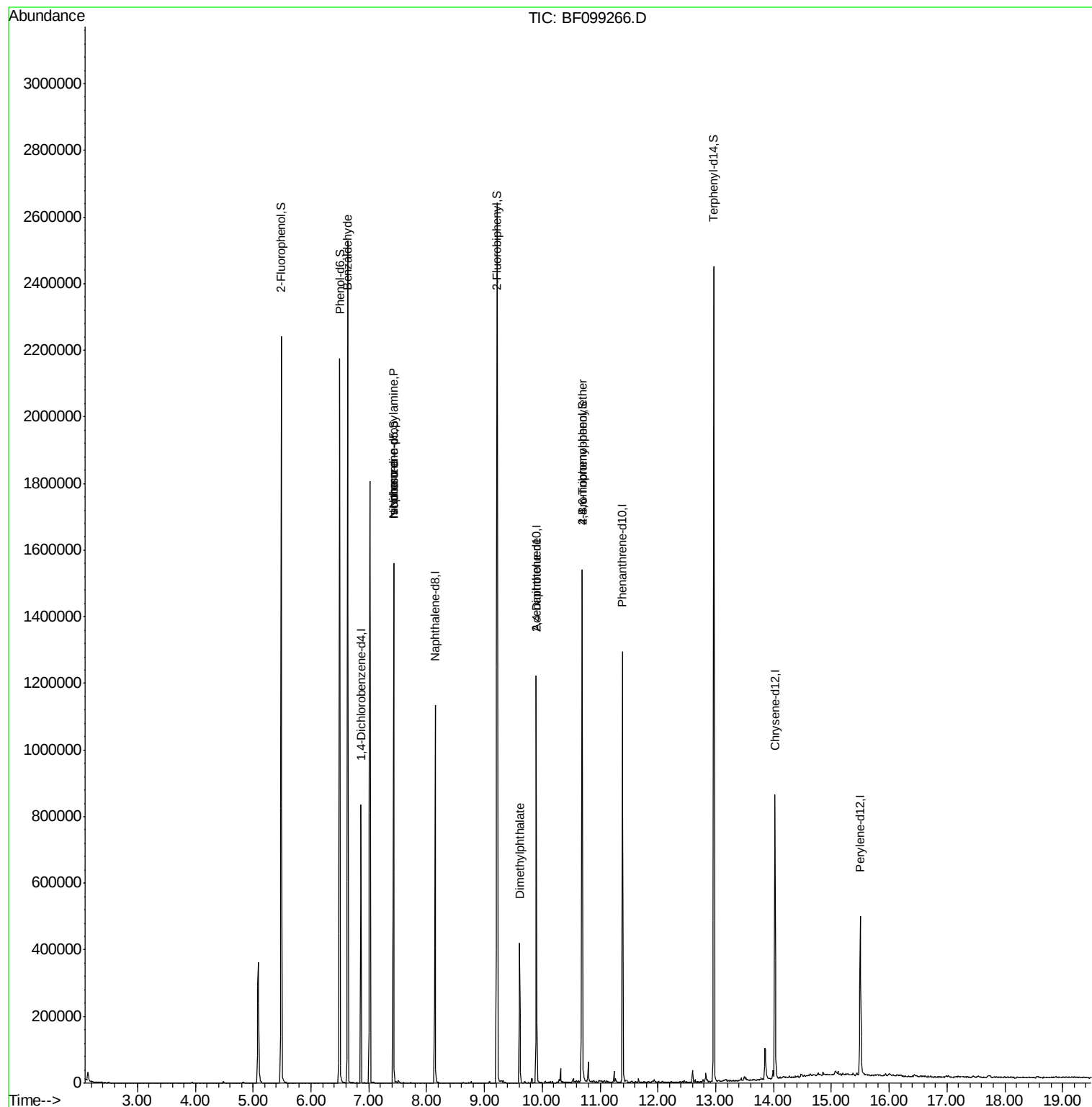
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119805	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	508545	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	235484	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	424772	20.00	ng	0.00
75) Chrysene-d12	14.03	240	272488	20.00	ng	0.00
86) Perylene-d12	15.50	264	217528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	673261	89.46	ng	0.00
7) Phenol-d6	6.50	99	853217	91.90	ng	0.00
23) Nitrobenzene-d5	7.43	82	508806	64.16	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	191064	99.16	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	955089	67.71	ng	0.00
78) Terphenyl-d14	12.97	244	817655	68.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13683	2.54	ng	88
19) n-Nitroso-di-n-propylamine	7.43	70	63719	10.75	ng	# 75
25) Isophorone	7.43	82	508802	31.03	ng	# 64
49) Dimethylphthalate	9.61	163	161621	9.09	ng	99
56) 2,4-Dinitrotoluene	9.90	165	30135	6.00	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	12806	3.08	ng	# 1

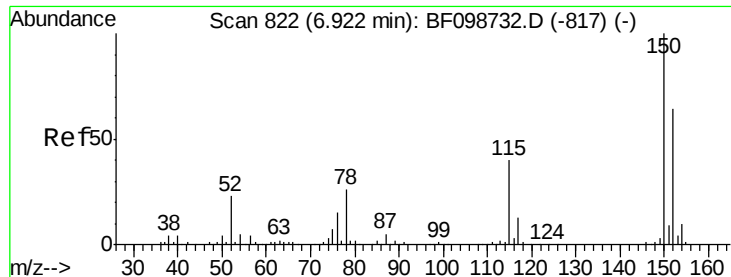
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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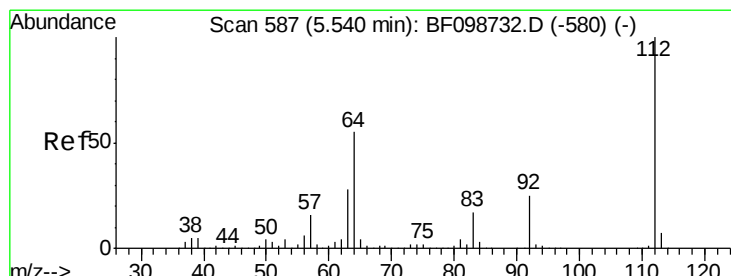
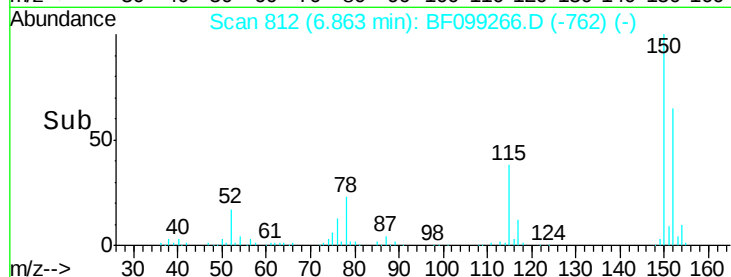
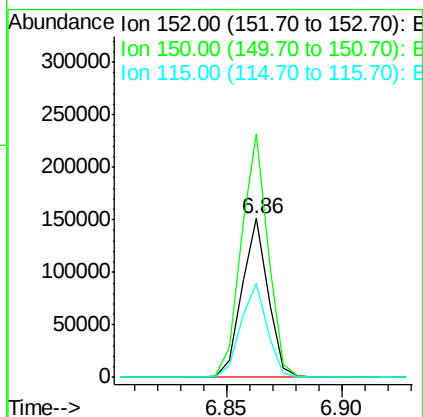
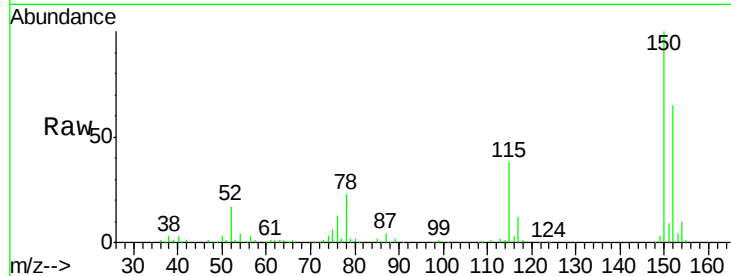


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099266.D
Acq: 9 Oct 2017 17:01

Instrument :
BNA_F
ClientSampleId :

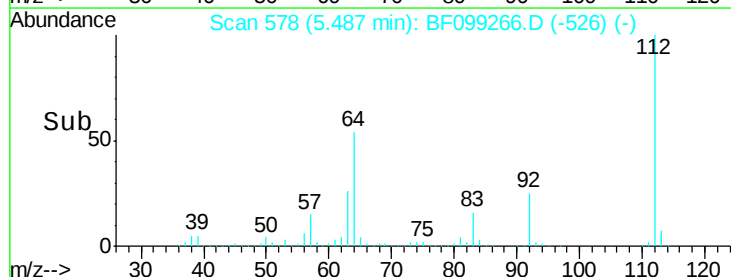
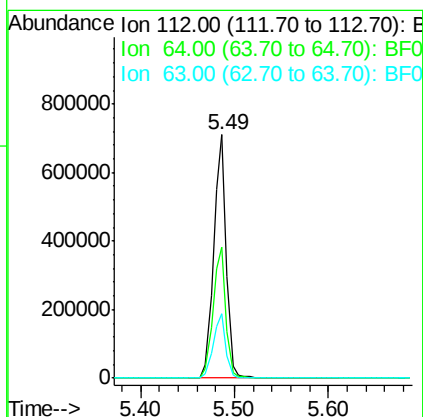
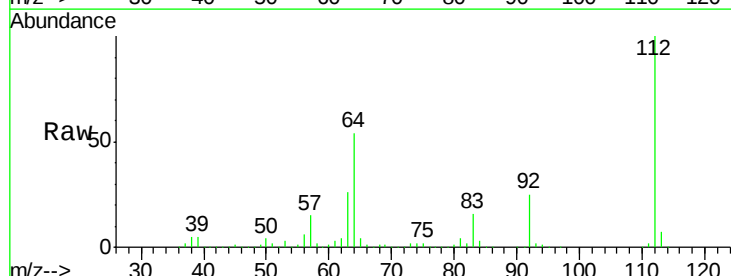
Tot Ion:152 Resp: 119805
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 58.8 50.1 75.1

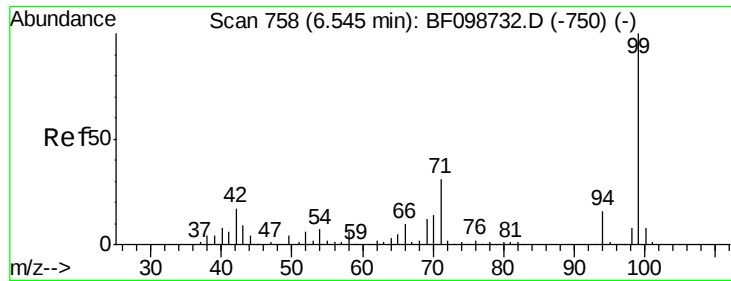


#5

2-Fluorophenol
Concen: 89.46 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099266.D
Acq: 9 Oct 2017 17:01

Tgt Ion:112 Resp: 673261
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 26.2 23.7 35.5





#7

Phenol-d6

Concen: 91.90 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099266.D

Acq: 9 Oct 2017 17:01

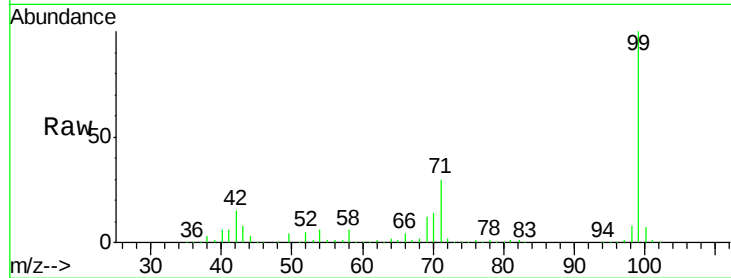
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 853217

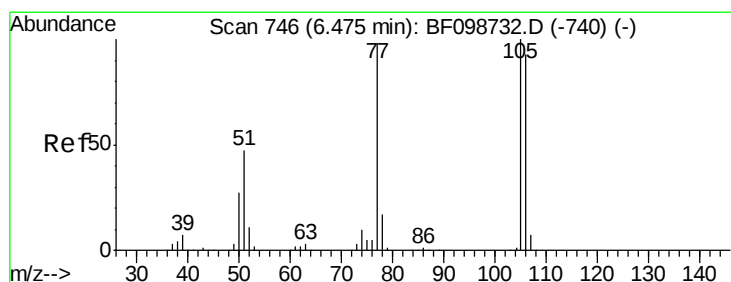
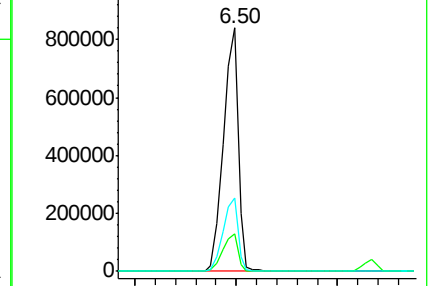
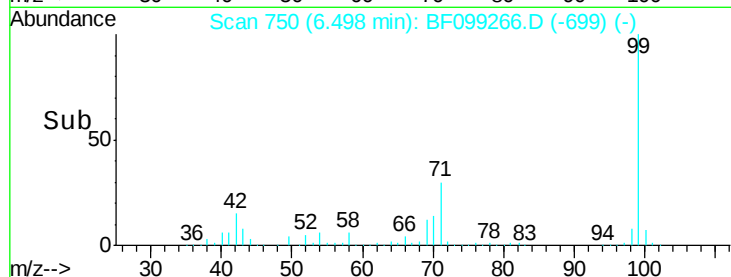
Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	30.1	25.4	38.0



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



#9

Benzaldehyde

Concen: 2.54 ng

RT: 6.63 min Scan# 773

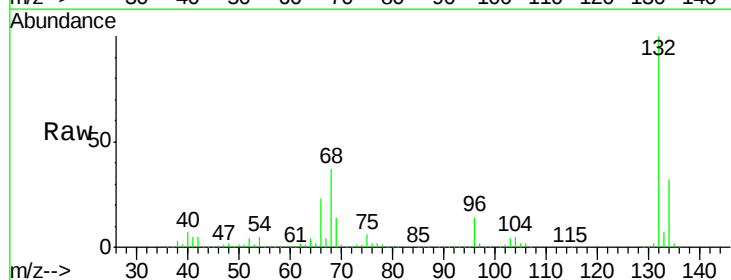
Delta R.T. 0.21 min

Lab File: BF099266.D

Acq: 9 Oct 2017 17:01

Tgt Ion: 77 Resp: 13683

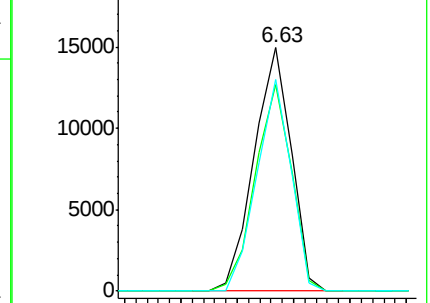
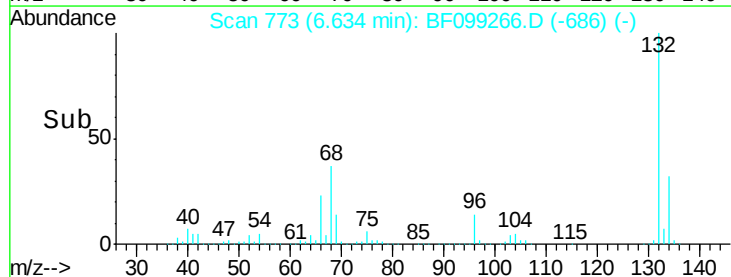
Ion	Ratio	Lower	Upper
77	100		
105	85.0	81.1	121.1
106	86.7	74.5	114.5

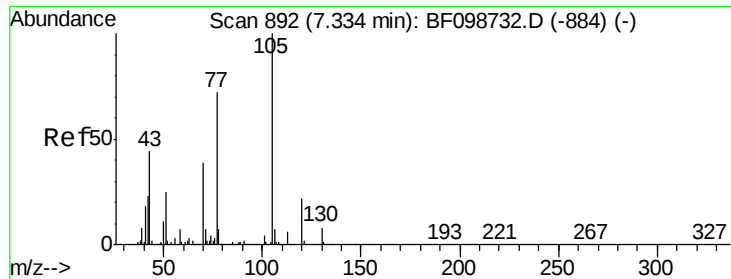


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

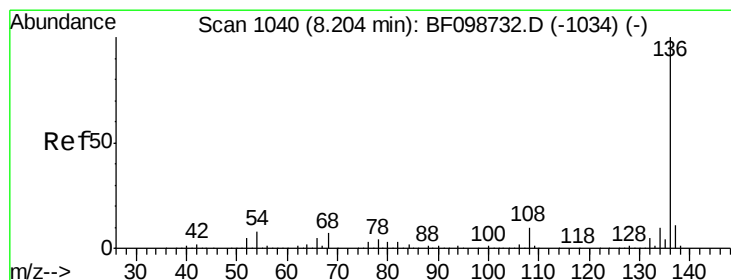
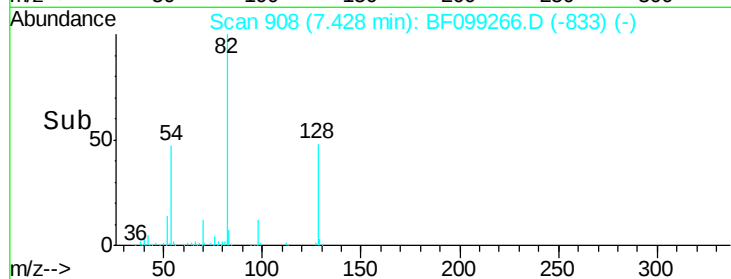
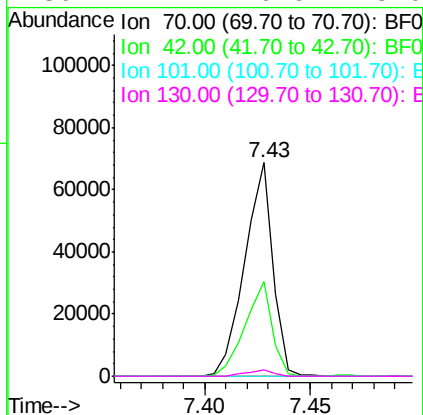
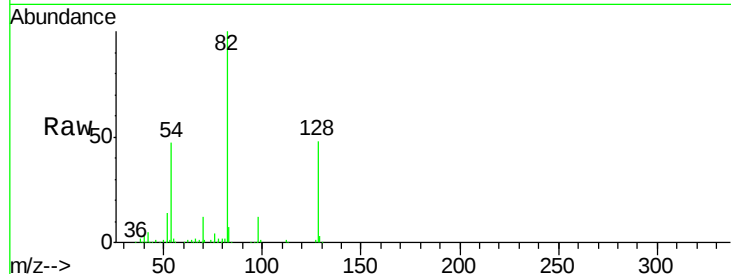




#19
n-Nitroso-di-n-propylamine
Concen: 10.75 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099266.D
Acq: 9 Oct 2017 17:01

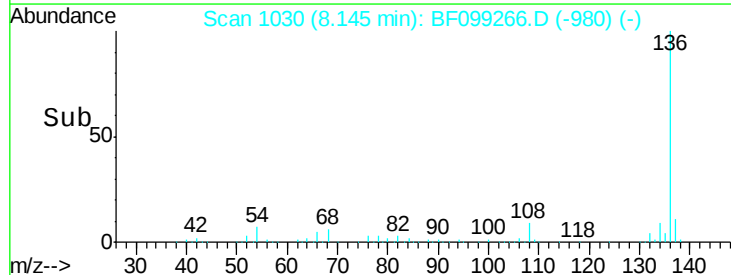
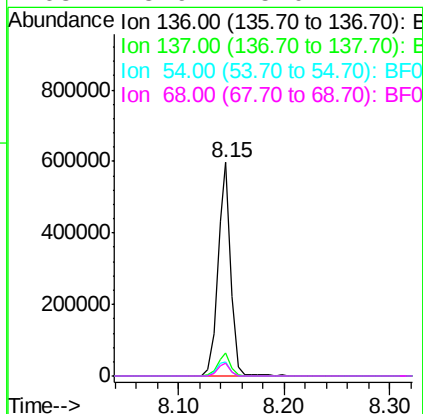
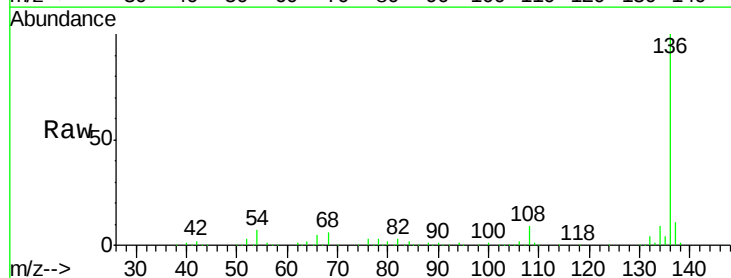
Instrument :
BNA_F
ClientSampleID :

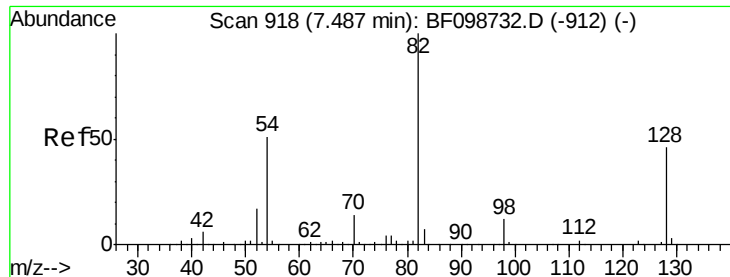
Tot Ion: 70 Resp: 63719
Ion Ratio Lower Upper
70 100
42 44.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099266.D
Acq: 9 Oct 2017 17:01

Tgt Ion: 136 Resp: 508545
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.8 6.6 9.8
68 5.9 5.0 7.4

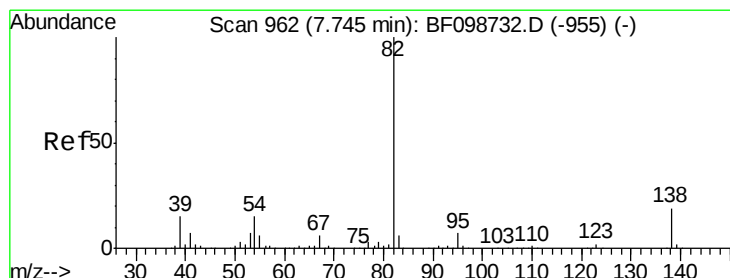
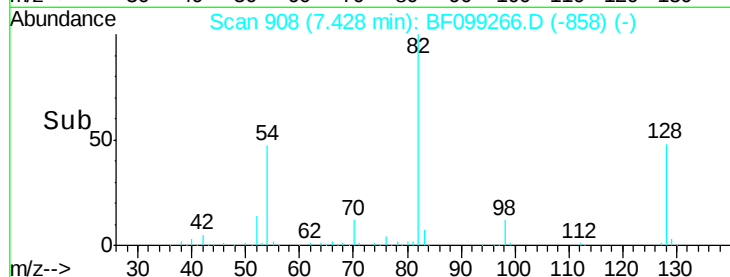
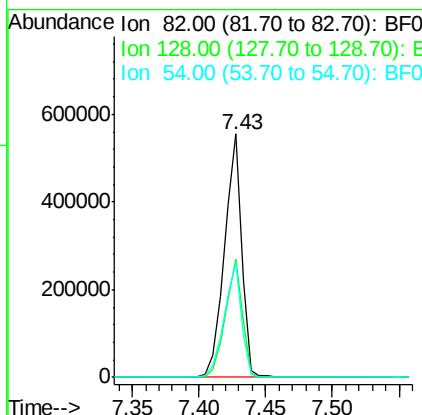
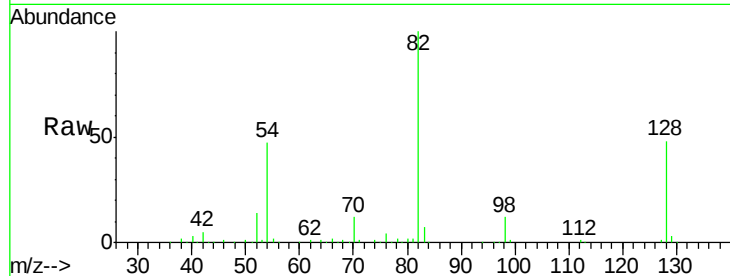




#23
 Nitrobenzene-d5
 Concen: 64.16 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

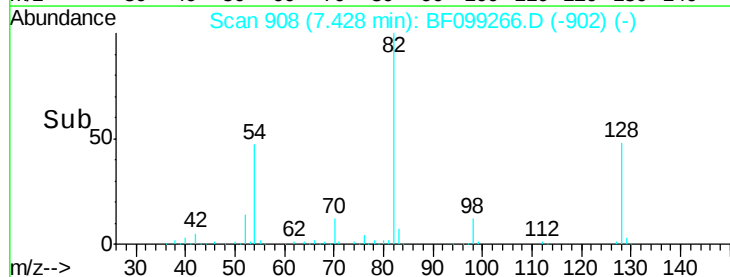
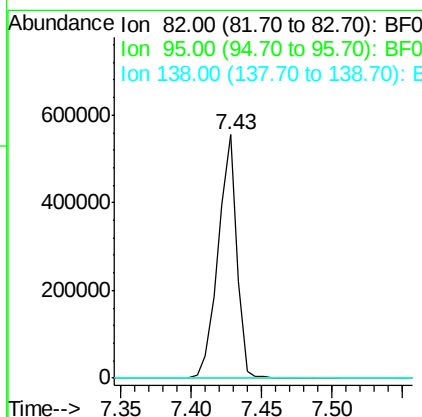
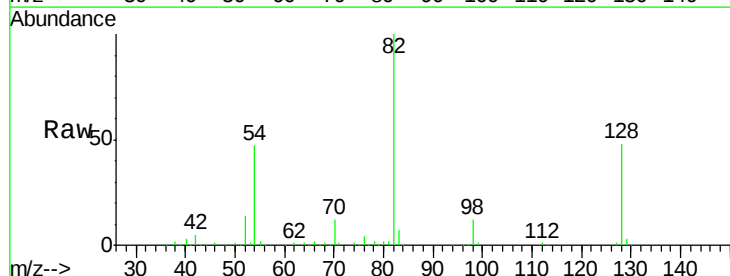
Instrument :
 BNA_F
 ClientSampleId :

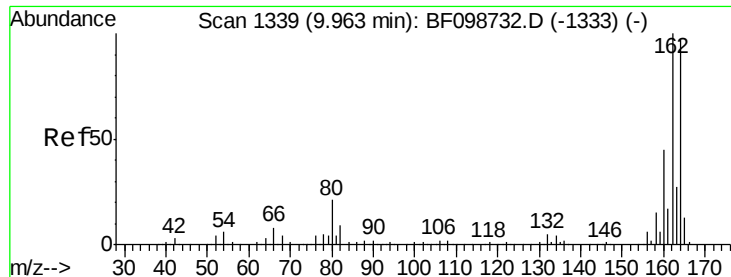
Tot Ion: 82 Resp: 508806
 Ion Ratio Lower Upper
 82 100
 128 48.4 36.1 54.1
 54 46.9 41.4 62.2



#25
 Isophorone
 Concen: 31.03 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

Tgt Ion: 82 Resp: 508802
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099266.D

Acq: 9 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

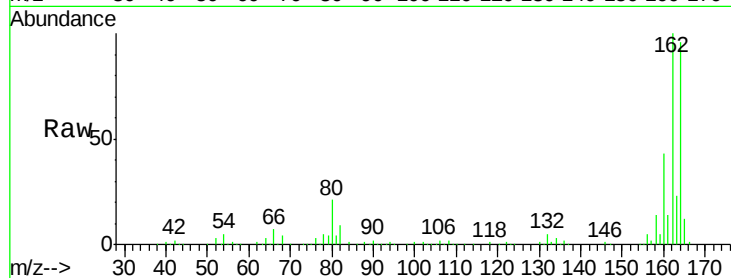
Tot Ion:164 Resp: 235484

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

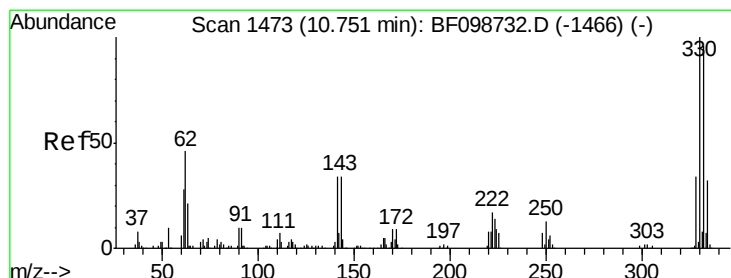
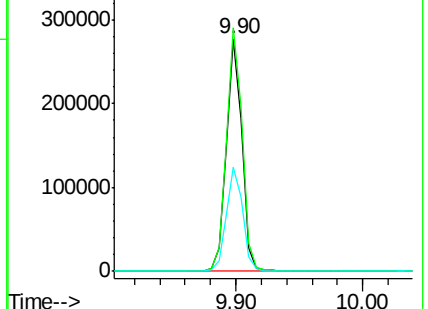
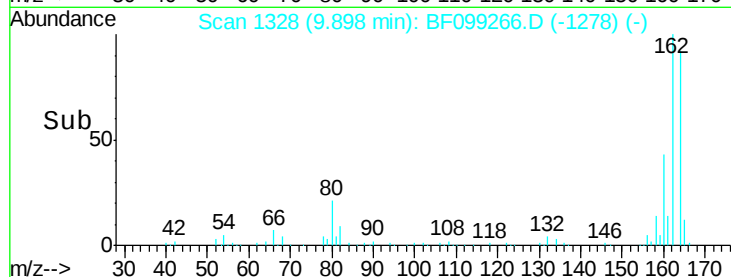
160 45.0 38.3 57.5



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: 99.16 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099266.D

Acq: 9 Oct 2017 17:01

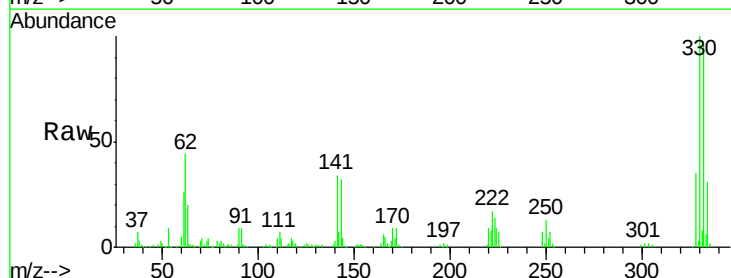
Tgt Ion:330 Resp: 191064

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

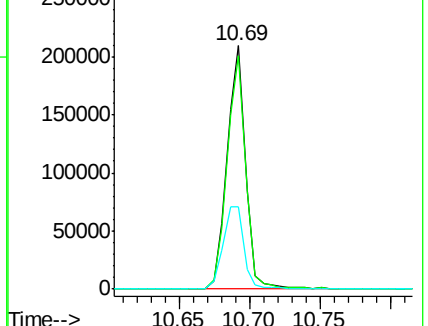
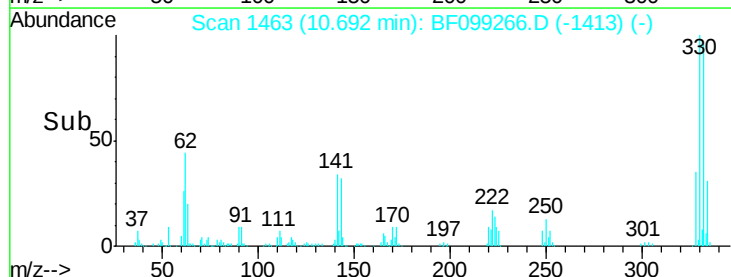
141 39.0 29.9 44.9

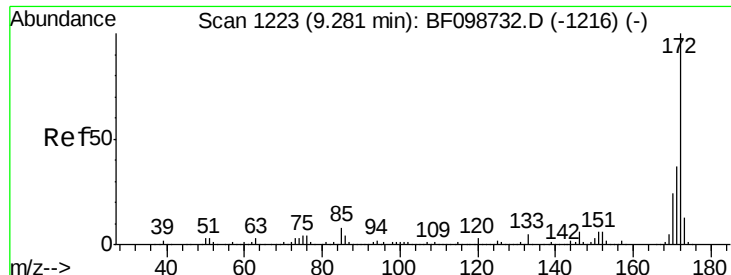


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

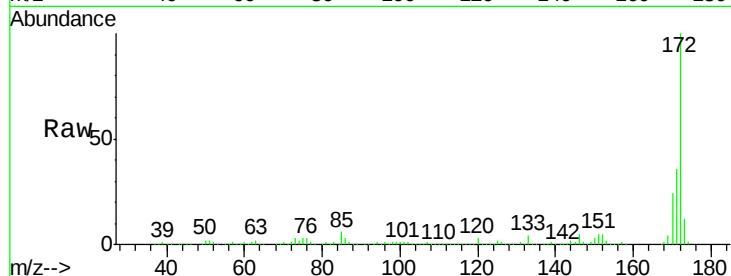




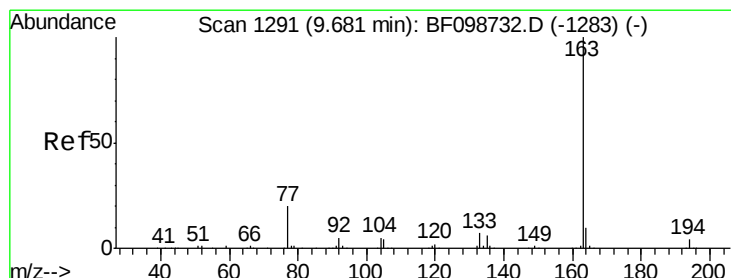
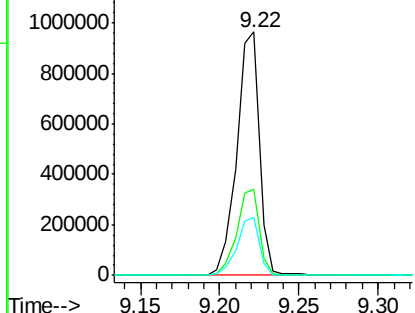
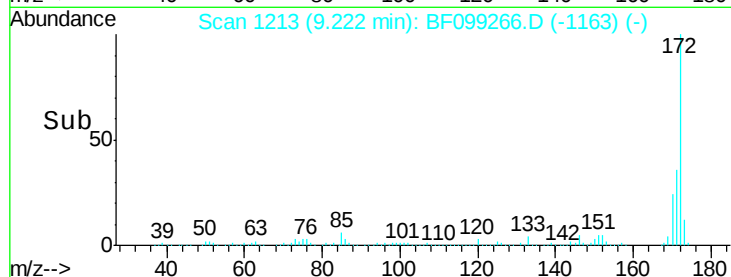
#44
2-Fluorobiphenyl
Concen: 67.71 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099266.D
Acq: 9 Oct 2017 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 955089
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.6 19.6 29.4

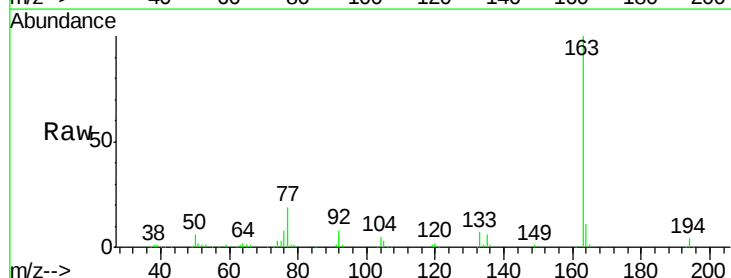


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

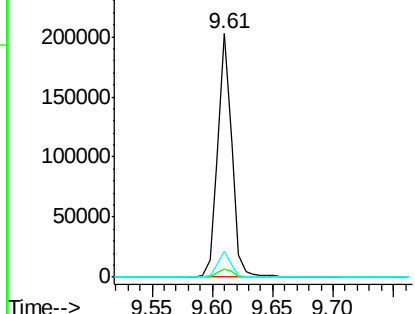
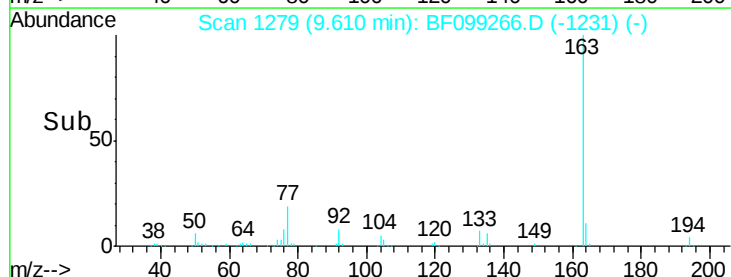


#49
Dimethylphthalate
Concen: 9.09 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099266.D
Acq: 9 Oct 2017 17:01

Tgt Ion:163 Resp: 161621
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 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

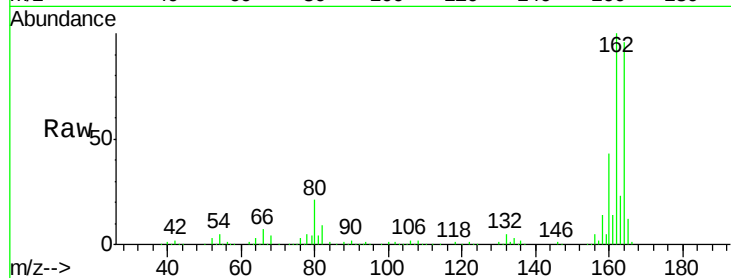




#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	30135
Ion Ratio	Lower	Upper
165	100	
63	1.0	36.4 54.6#
89	1.3	57.8 86.6#
182	0.0	1.6 2.4#

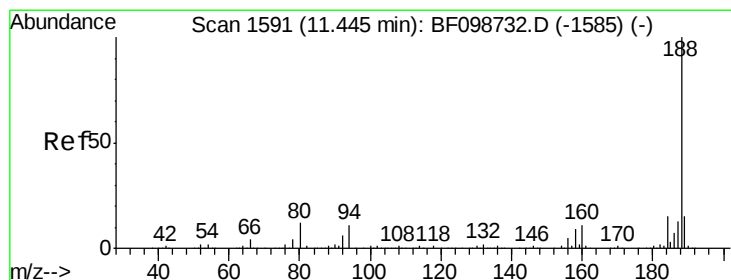
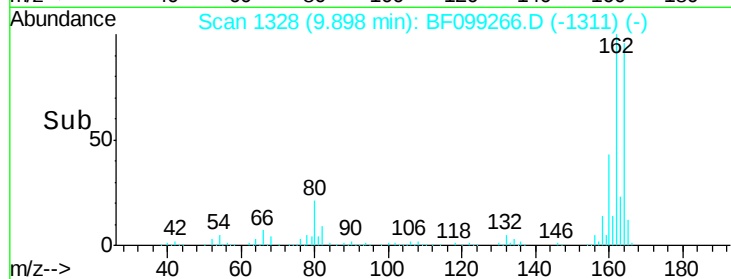
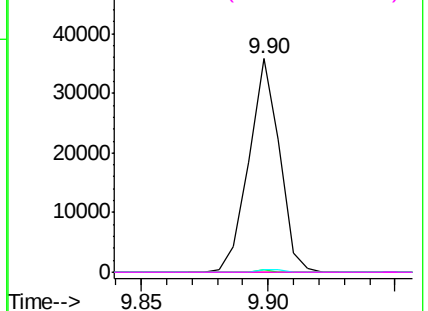


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

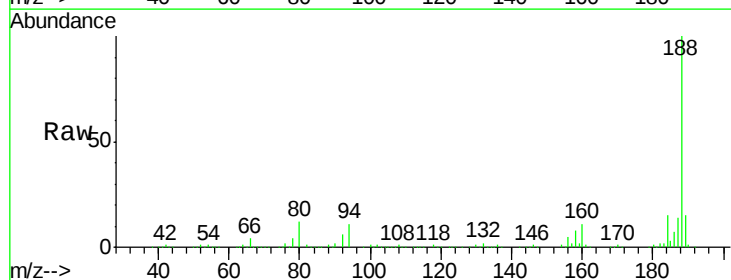
Ion 89.00 (88.70 to 89.70): BF0

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. -0.01 min
 Lab File: BF099266.D
 Acq: 9 Oct 2017 17:01

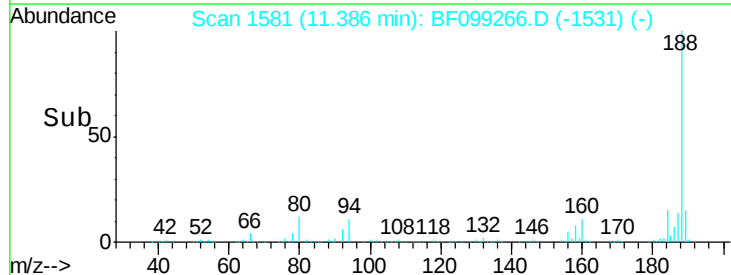
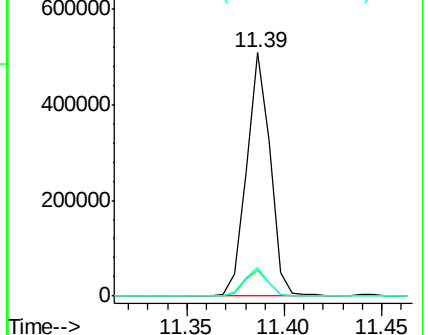
Tgt Ion:188	Resp:	424772
Ion Ratio	Lower	Upper
188	100	
94	10.9	8.5 12.7
80	11.8	9.2 13.8



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

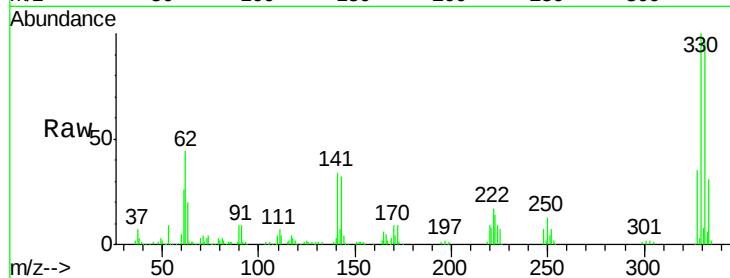




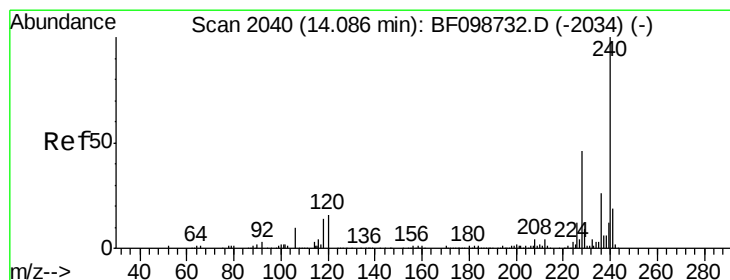
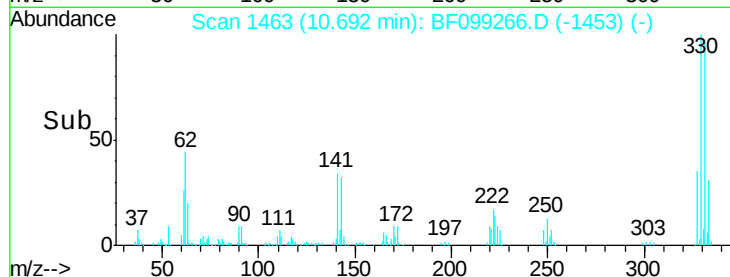
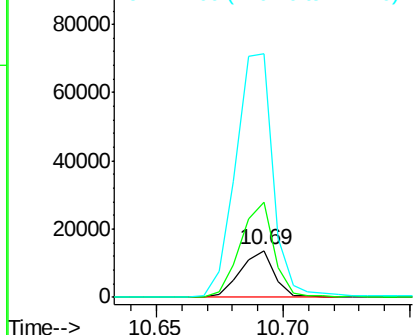
#66
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099266.D
Acq: 9 Oct 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12806
Ion Ratio Lower Upper
248 100
250 204.6 76.9 115.3#
141 522.5 74.4 111.6#

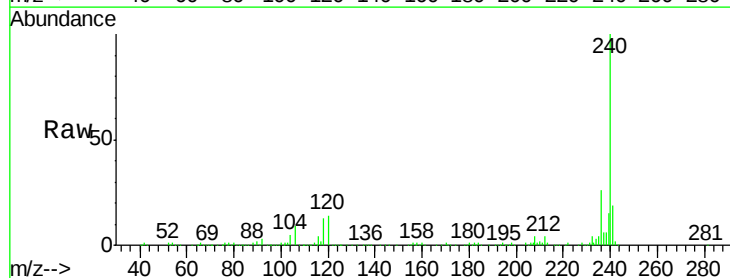


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

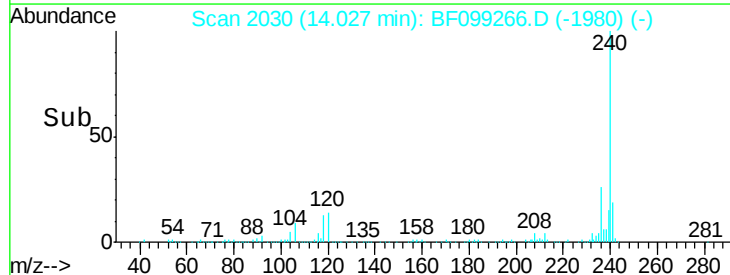
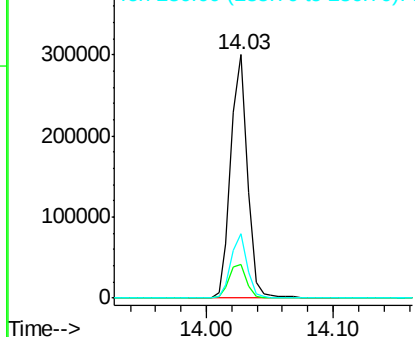


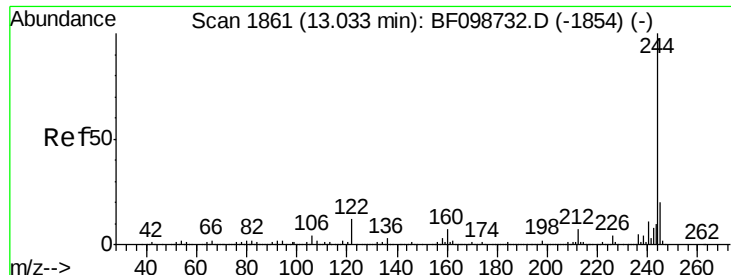
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099266.D
Acq: 9 Oct 2017 17:01

Tgt Ion:240 Resp: 272488
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 26.2 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: 68.24 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099266.D

Acq: 9 Oct 2017 17:01

Instrument :

BNA_F

ClientSampled :

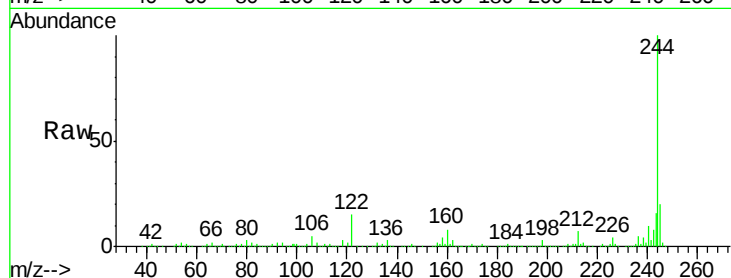
Tot Ion:244 Resp: 817655

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

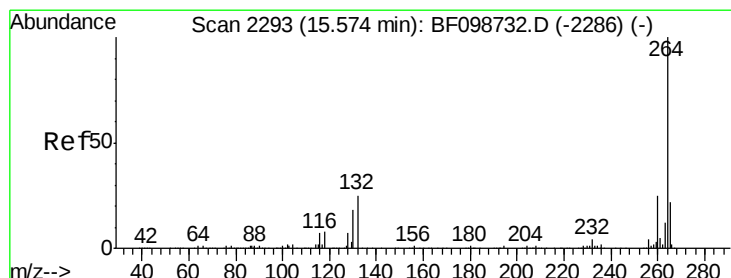
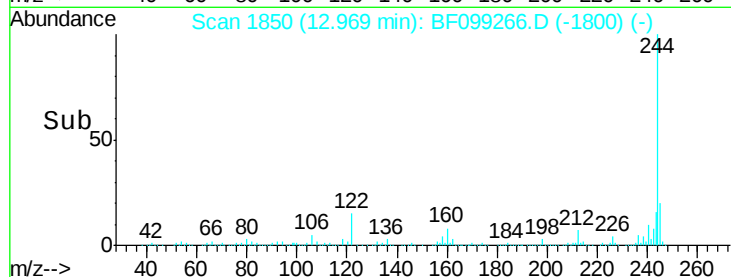
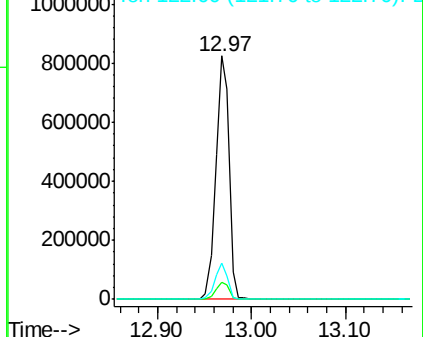
122 14.7 11.0 16.4



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: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF099266.D

Acq: 9 Oct 2017 17:01

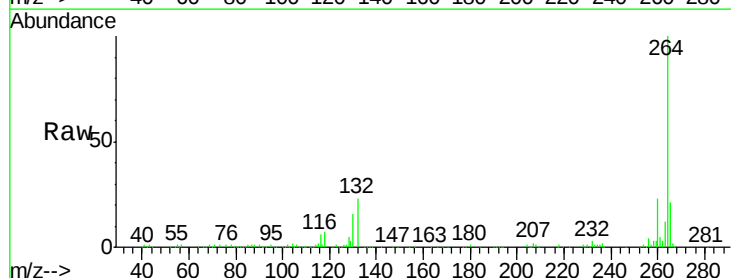
Tgt Ion:264 Resp: 217528

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.1 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

