

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099282.D
 Acq On : 10 Oct 2017 00:32
 Operator : SJ/JU
 Sample : I5651-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:16:09 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

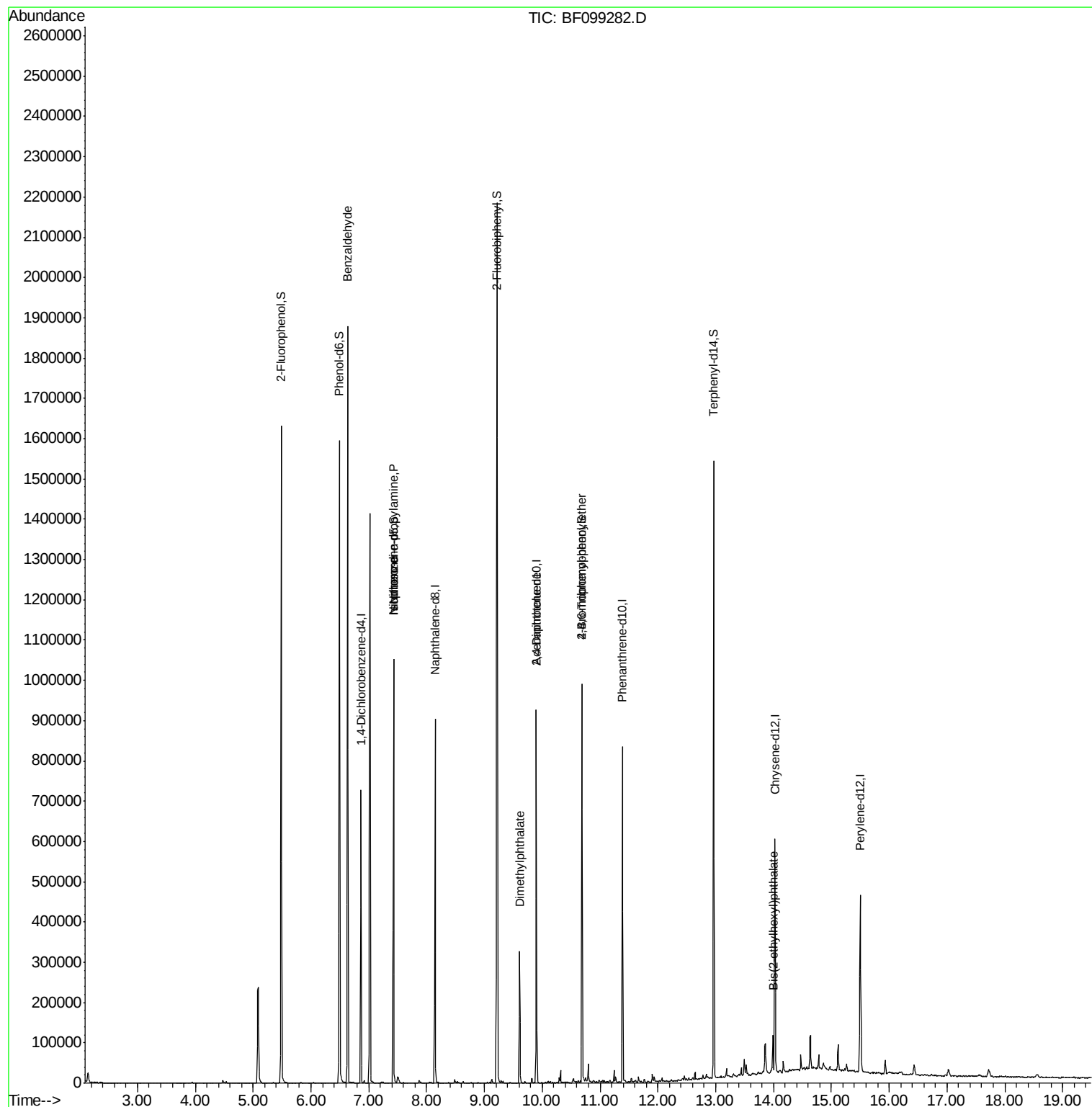
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	100977	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	411039	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	175712	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	270838	20.00	ng	0.00
75) Chrysene-d12	14.03	240	184945	20.00	ng	0.00
86) Perylene-d12	15.50	264	187282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	482859	76.12	ng	0.00
7) Phenol-d6	6.49	99	583216	74.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	338226	52.77	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	108205	75.26	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	684990	65.08	ng	-0.01
78) Terphenyl-d14	12.97	244	444592	54.67	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	9676	2.13	ng	92
19) n-Nitroso-di-n-propylamine	7.43	70	43363	8.68	ng	# 72
25) Isophorone	7.43	82	338221	25.52	ng	# 64
49) Dimethylphthalate	9.61	163	123933	9.35	ng	99
56) 2,4-Dinitrotoluene	9.90	165	22046	5.88	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	7133	2.69	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	31129	3.41	ng	97

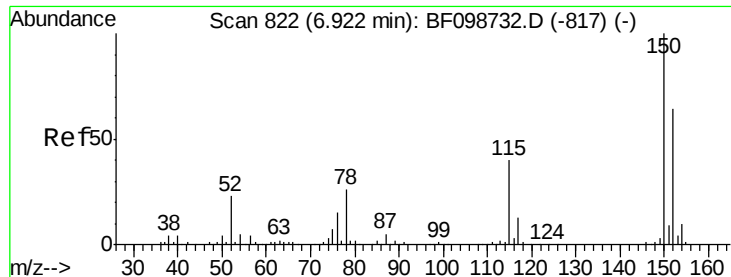
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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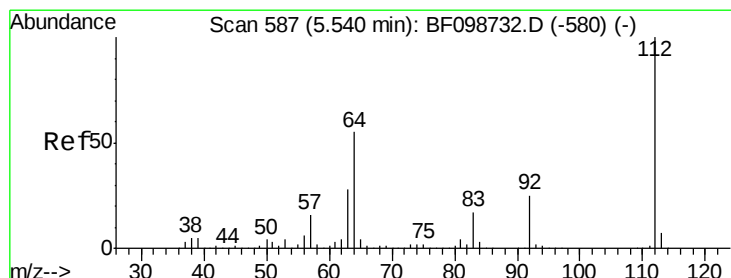
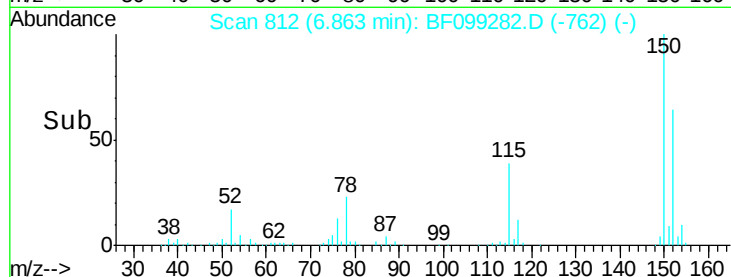
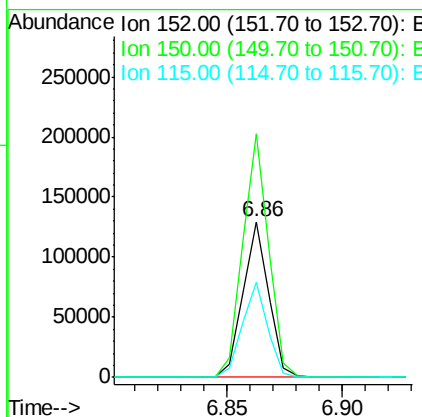
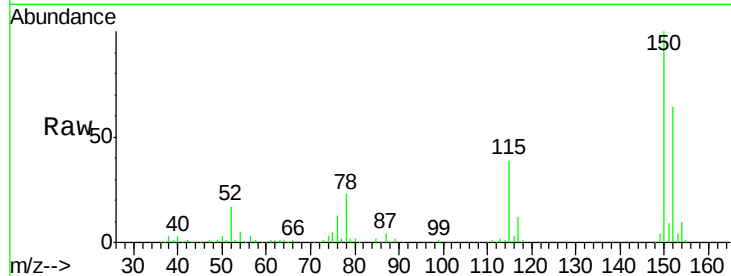


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099282.D
Acq: 10 Oct 2017 00:32

Instrument :
BNA_F
ClientSampled :

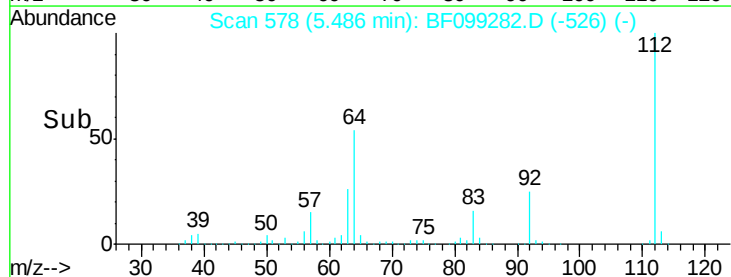
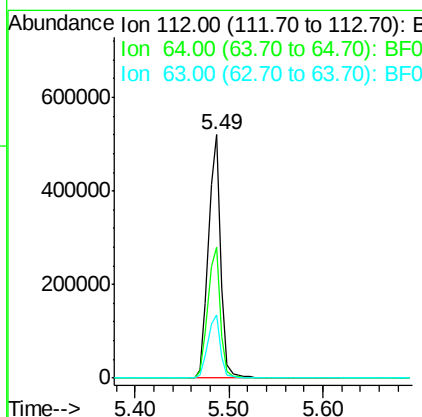
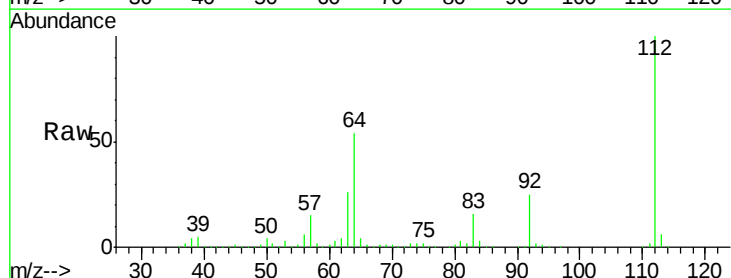
Tot Ion:152 Resp: 100977
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.4 50.1 75.1



#5

2-Fluorophenol
Concen: 76.12 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099282.D
Acq: 10 Oct 2017 00:32

Tgt Ion:112 Resp: 482859
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 25.8 23.7 35.5





#7

Phenol-d6

Concen: 74.53 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099282.D

Acq: 10 Oct 2017 00:32

Instrument :

BNA_F

ClientSampleId :

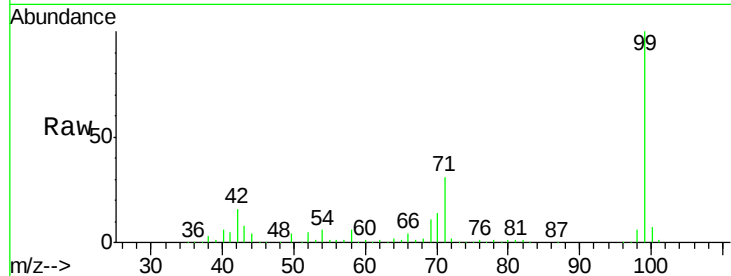
Tot Ion: 99 Resp: 583216

Ion Ratio Lower Upper

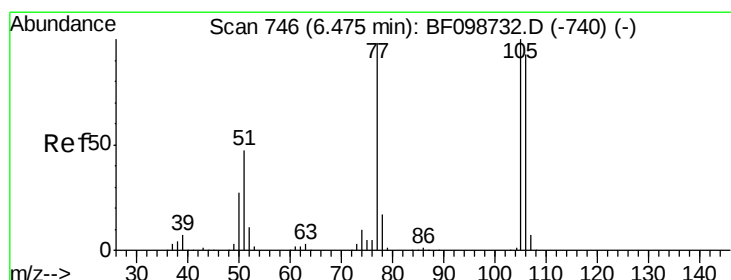
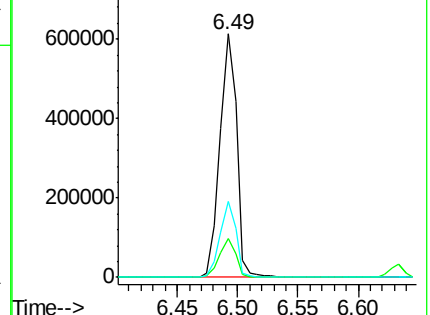
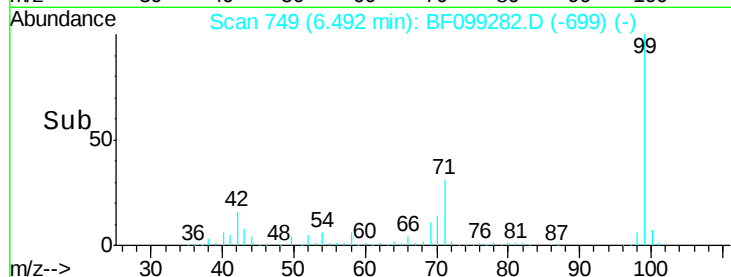
99 100

42 15.7 14.5 21.7

71 31.0 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: 2.13 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099282.D

Acq: 10 Oct 2017 00:32

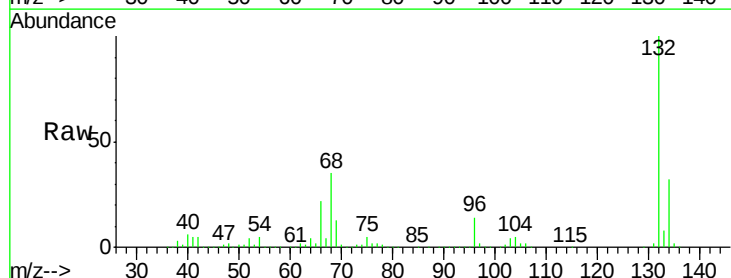
Tgt Ion: 77 Resp: 9676

Ion Ratio Lower Upper

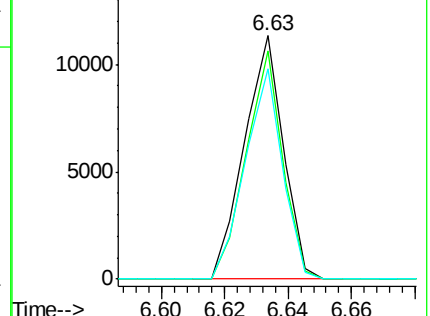
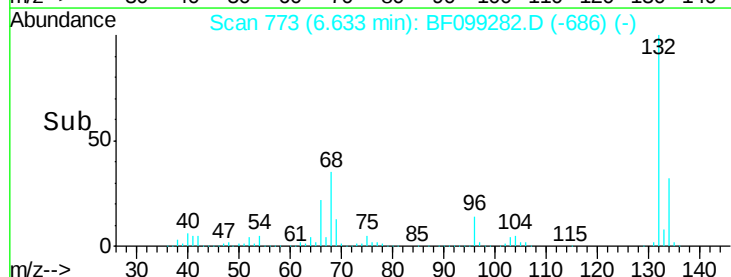
77 100

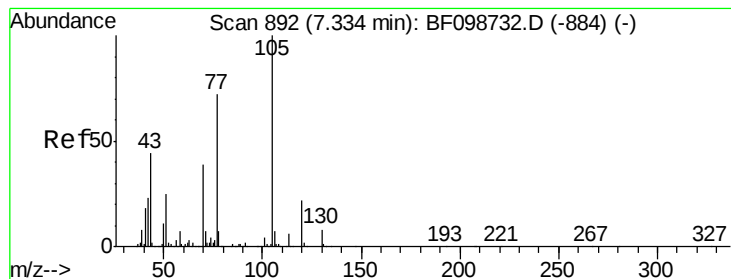
105 93.8 81.1 121.1

106 86.3 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: 8.68 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099282.D

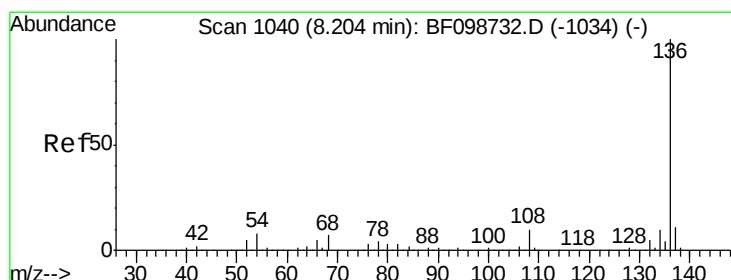
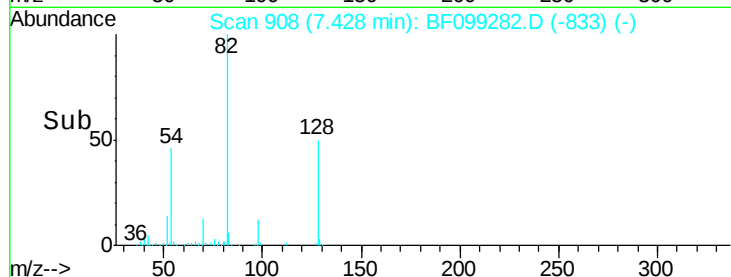
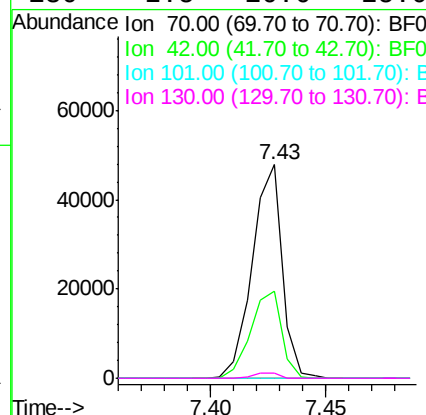
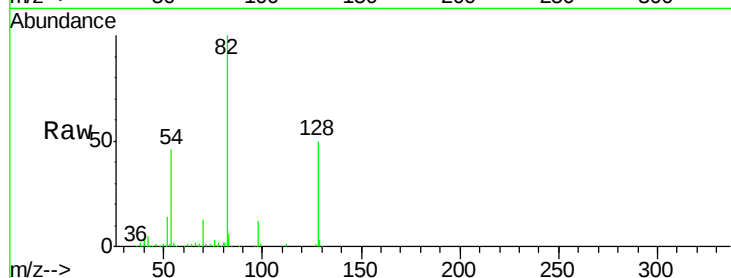
Acq: 10 Oct 2017 00:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	43363
Ion	Ratio	Lower	Upper
70	100		
42	41.0	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

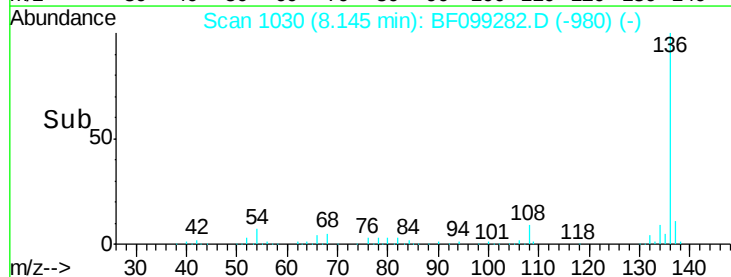
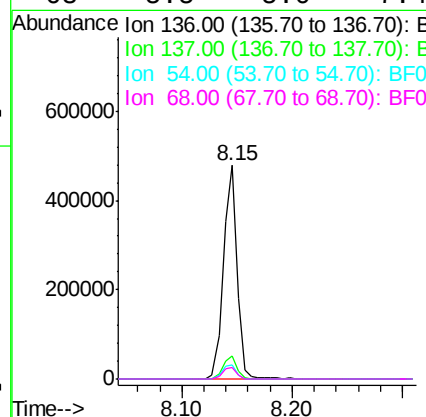
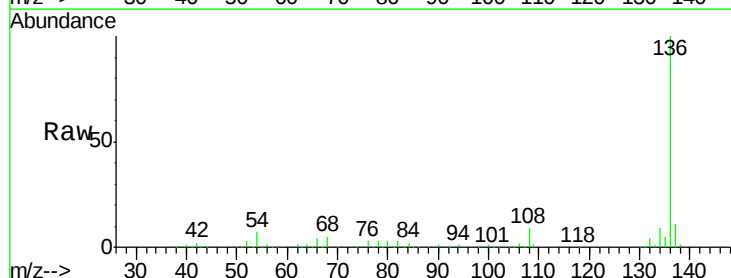
RT: 8.15 min Scan# 1030

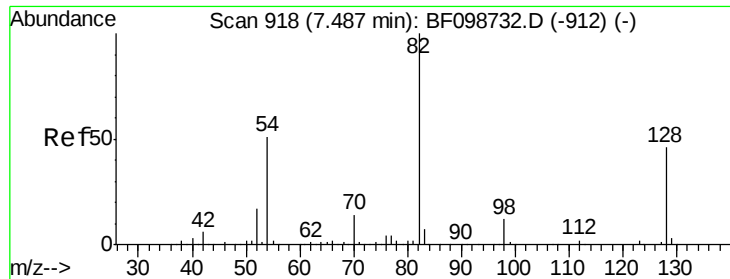
Delta R.T. -0.01 min

Lab File: BF099282.D

Acq: 10 Oct 2017 00:32

Tgt Ion:	136	Resp:	411039
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8#
68	5.5	5.0	7.4

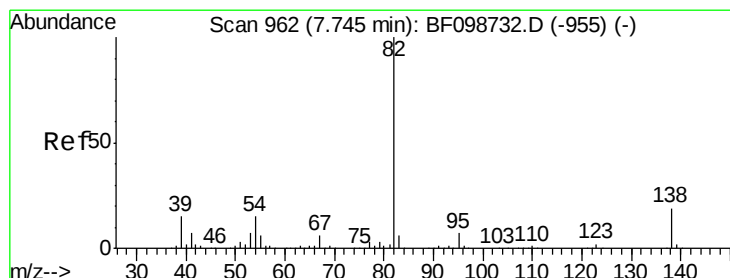
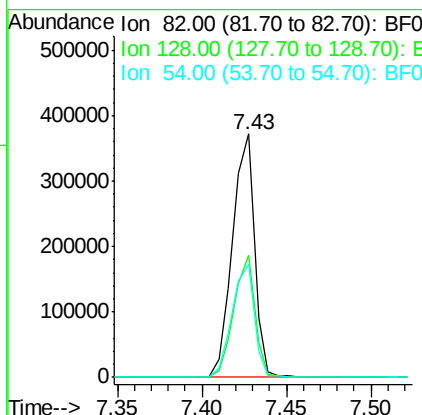
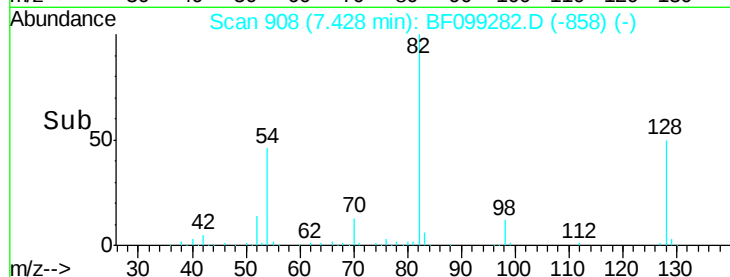
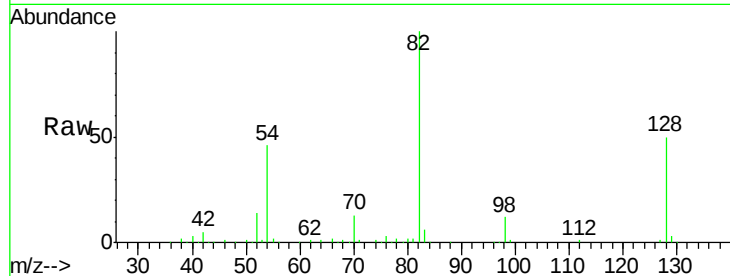




#23
Nitrobenzene-d5
Concen: 52.77 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099282.D
Acq: 10 Oct 2017 00:32

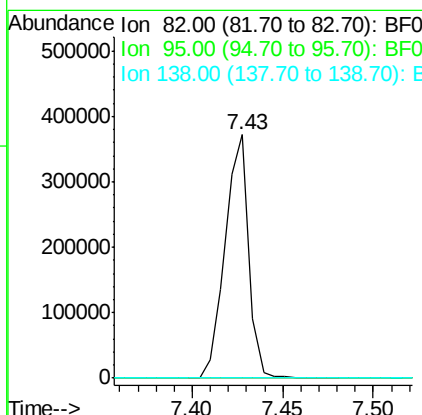
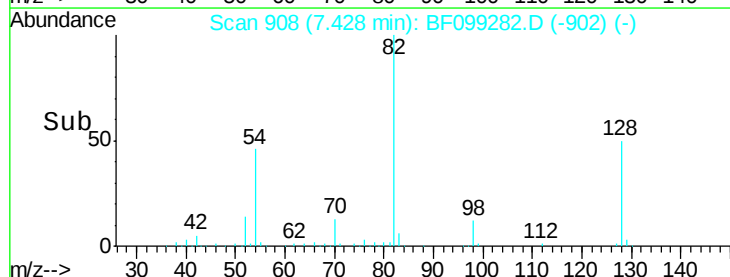
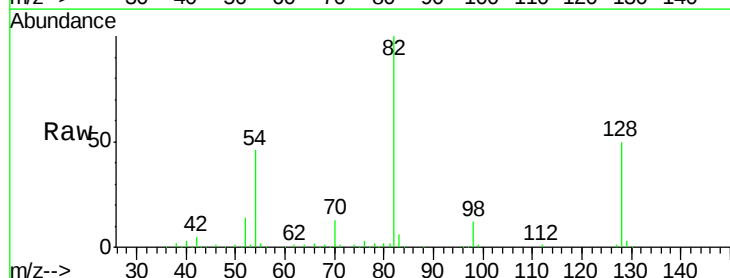
Instrument :
BNA_F
ClientSampleId :

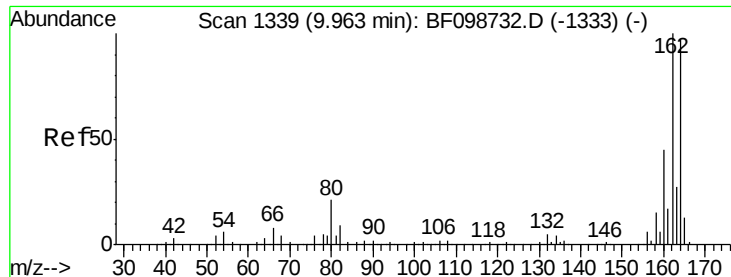
Tot Ion: 82 Resp: 338226
Ion Ratio Lower Upper
82 100
128 50.2 36.1 54.1
54 46.2 41.4 62.2



#25
Isophorone
Concen: 25.52 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099282.D
Acq: 10 Oct 2017 00:32

Tgt Ion: 82 Resp: 338221
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

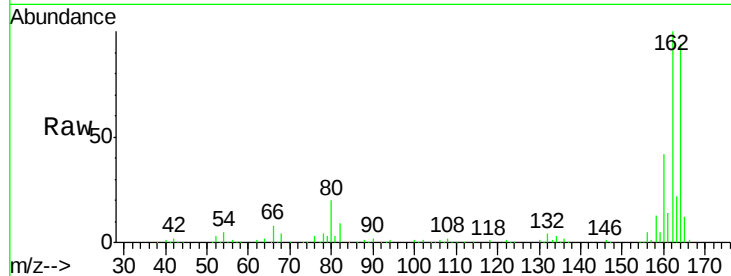




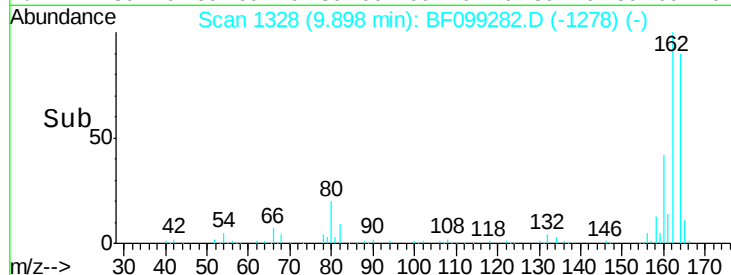
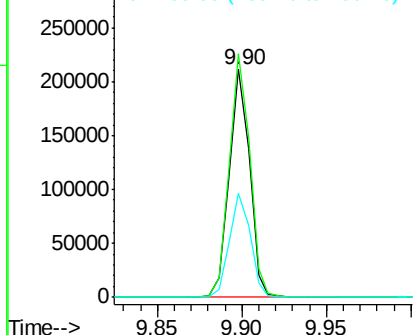
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099282.D
Acq: 10 Oct 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 175712
Ion Ratio Lower Upper
164 100
162 106.8 86.1 129.1
160 45.4 38.3 57.5

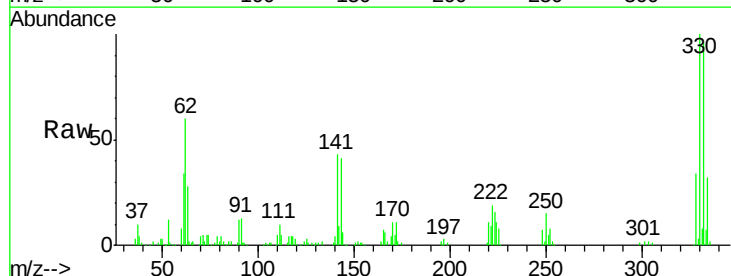


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

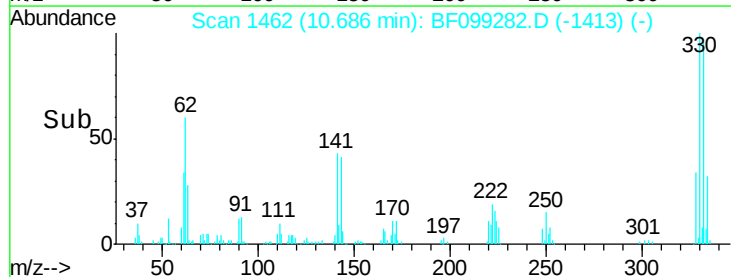
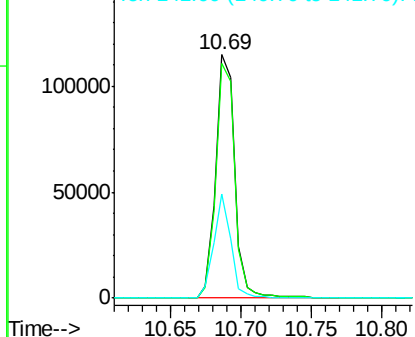


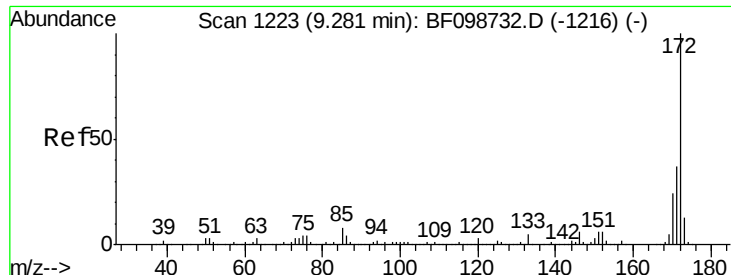
#41
2,4,6-Tribromophenol
Concen: 75.26 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF099282.D
Acq: 10 Oct 2017 00:32

Tgt Ion:330 Resp: 108205
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 38.8 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

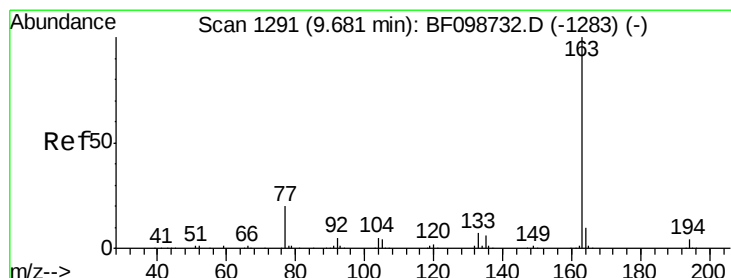
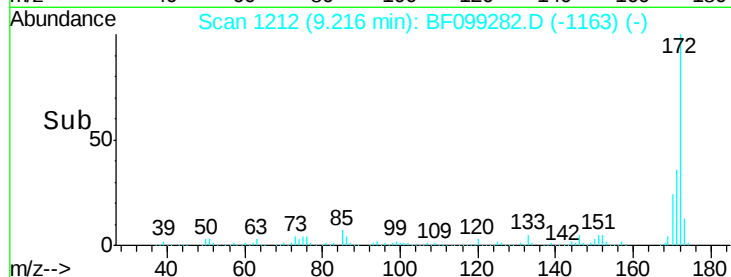
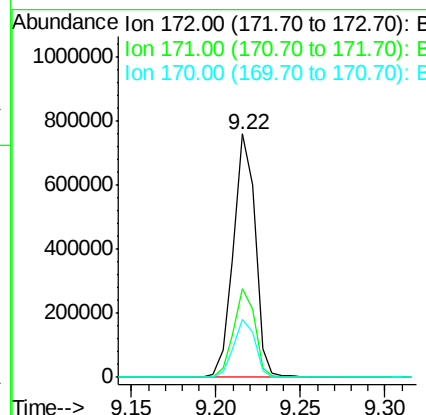
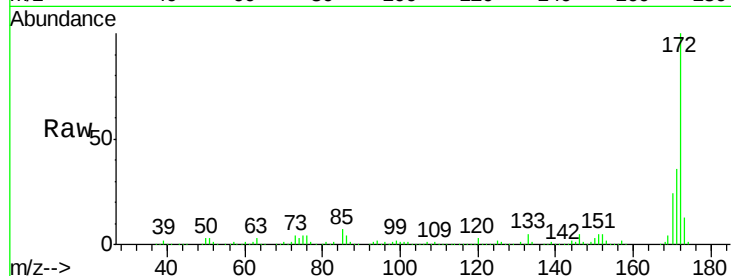




#44
2-Fluorobiphenyl
Concen: 65.08 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099282.D
Acq: 10 Oct 2017 00:32

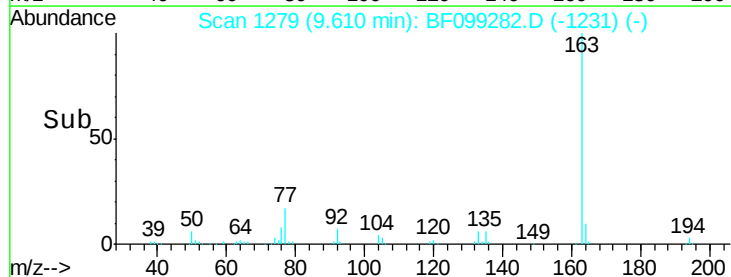
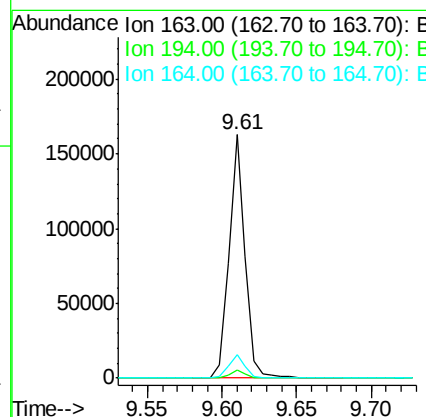
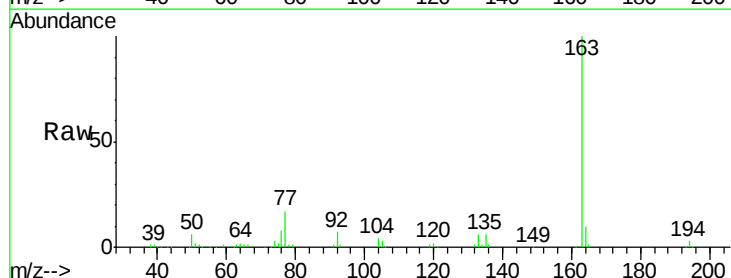
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 684990
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 9.35 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099282.D
Acq: 10 Oct 2017 00:32

Tgt Ion:163 Resp: 123933
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.7 8.2 12.2

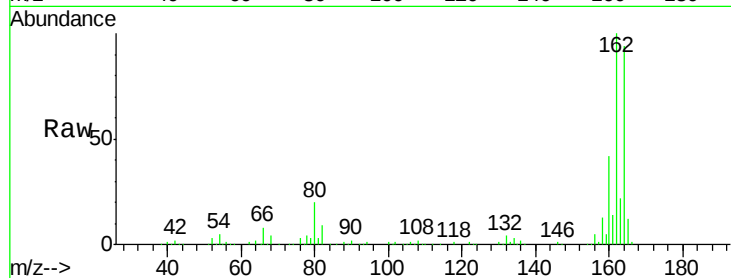




#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099282.D
 Acq: 10 Oct 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	22046
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.9	57.8 86.6#
182	0.0	1.6 2.4#

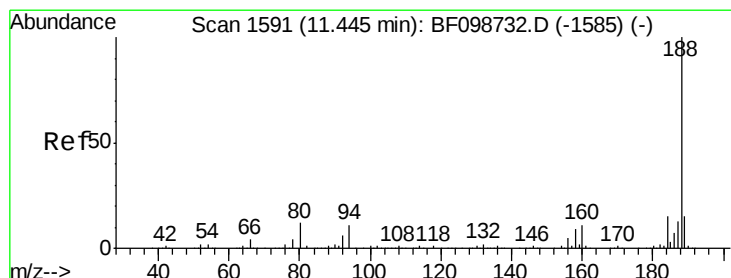
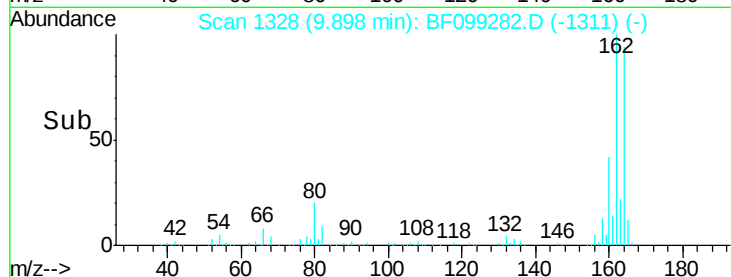
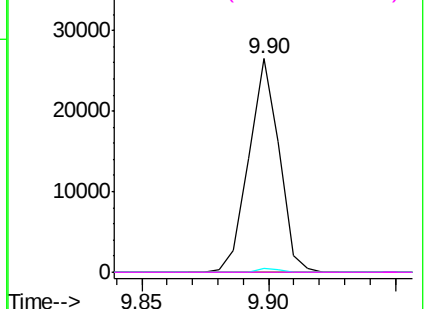


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

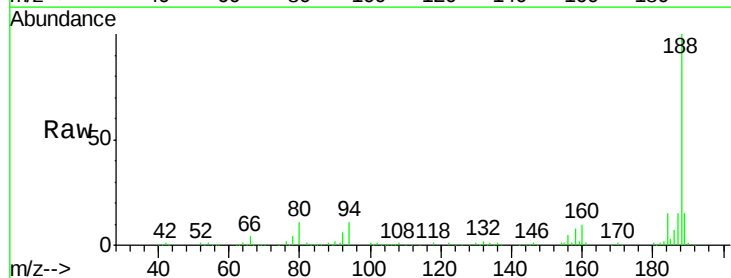
Ion 89.00 (88.70 to 89.70): BF0

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: BF099282.D
 Acq: 10 Oct 2017 00:32

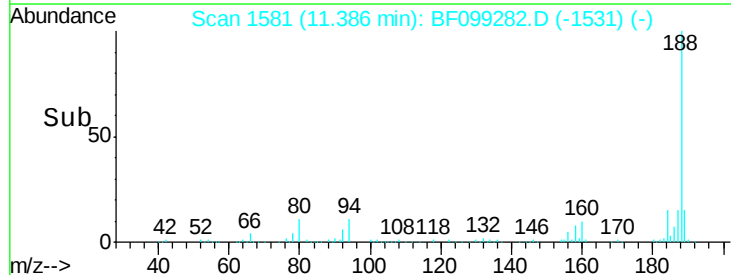
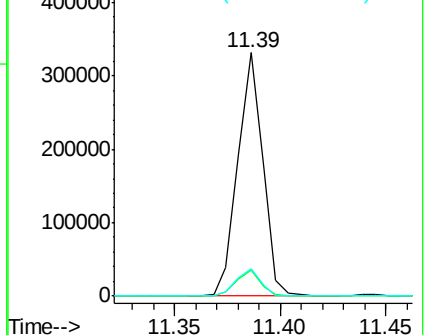
Tgt Ion:188	Resp:	270838
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.5 12.7
80	11.2	9.2 13.8



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

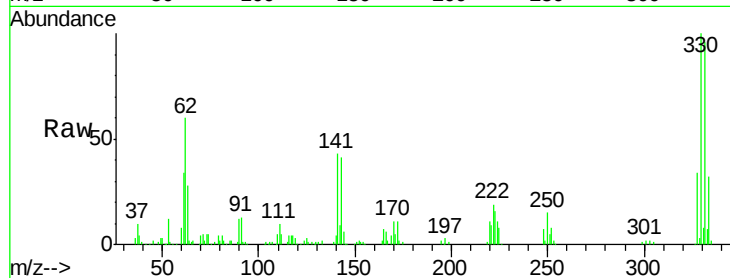




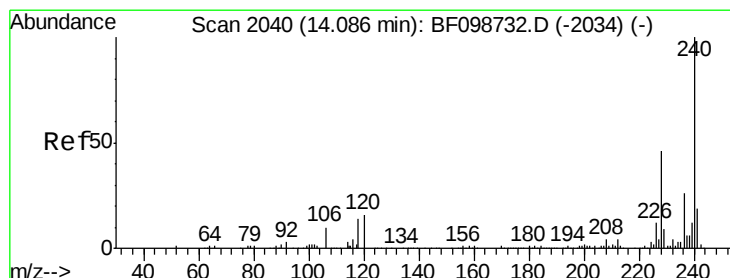
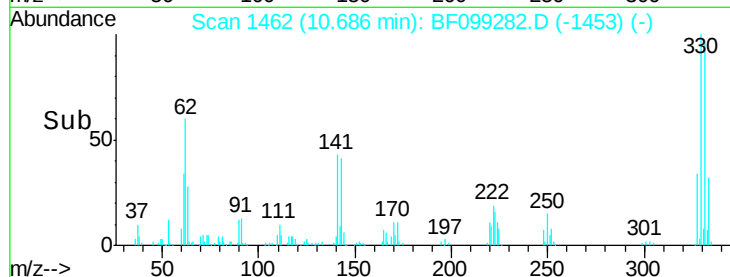
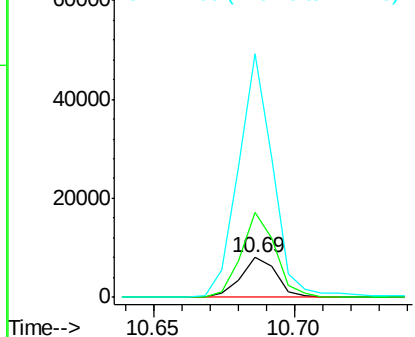
#66
4-Bromophenyl-phenylether
Concen: 2.69 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF099282.D
Acq: 10 Oct 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7133
Ion Ratio Lower Upper
248 100
250 214.3 76.9 115.3#
141 615.6 74.4 111.6#

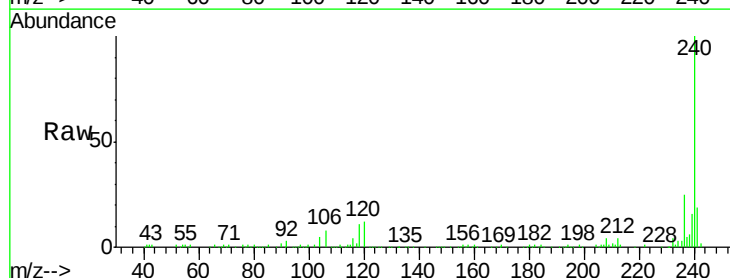


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

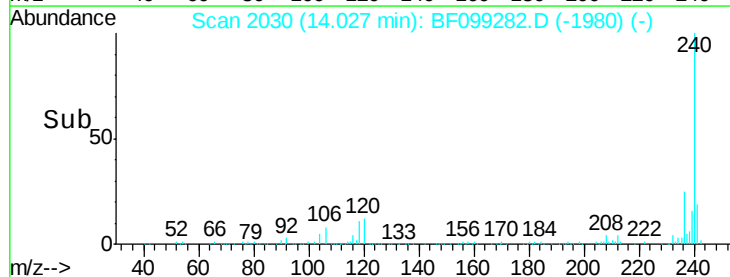
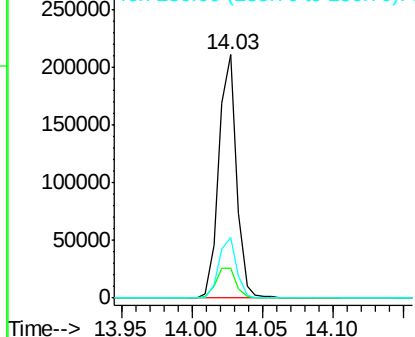


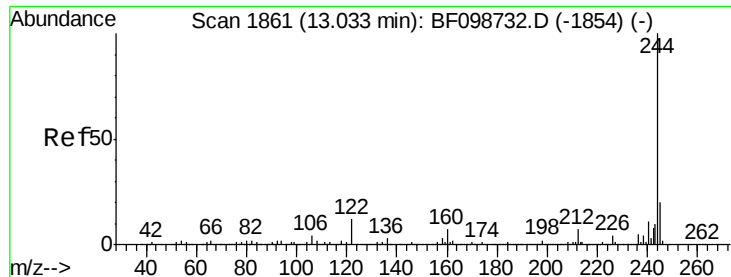
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099282.D
Acq: 10 Oct 2017 00:32

Tgt Ion:240 Resp: 184945
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.0 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: 54.67 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099282.D

Acq: 10 Oct 2017 00:32

Instrument :

BNA_F

ClientSampleId :

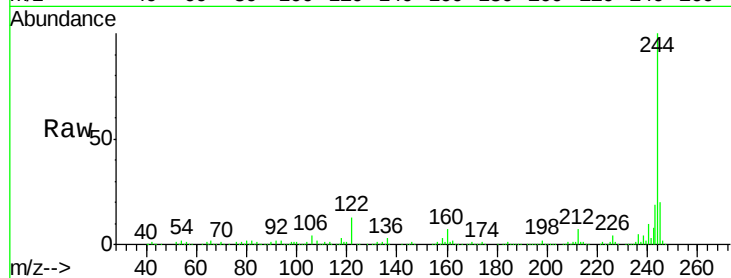
Tot Ion:244 Resp: 444592

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

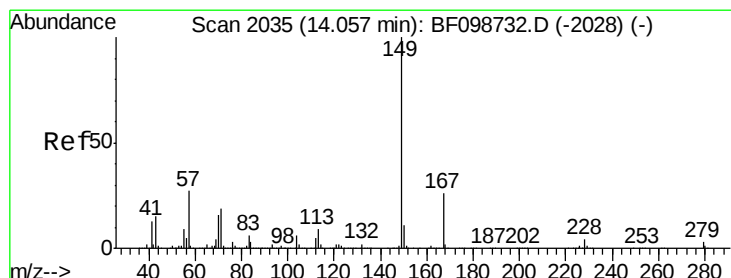
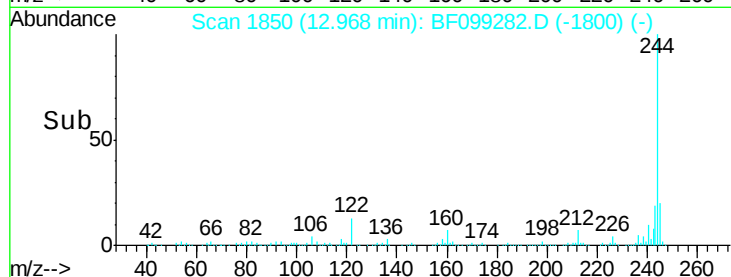
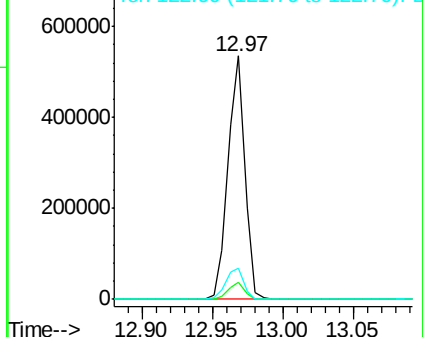
122 12.9 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.41 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099282.D

Acq: 10 Oct 2017 00:32

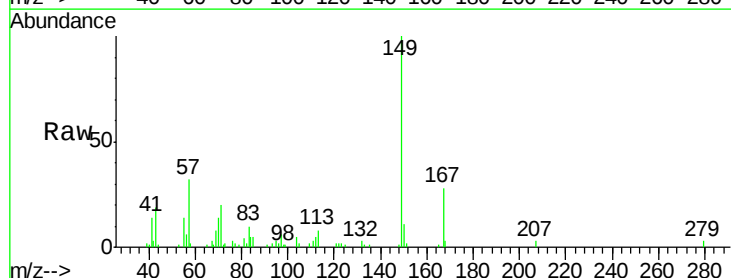
Tgt Ion:149 Resp: 31129

Ion Ratio Lower Upper

149 100

167 28.5 21.3 31.9

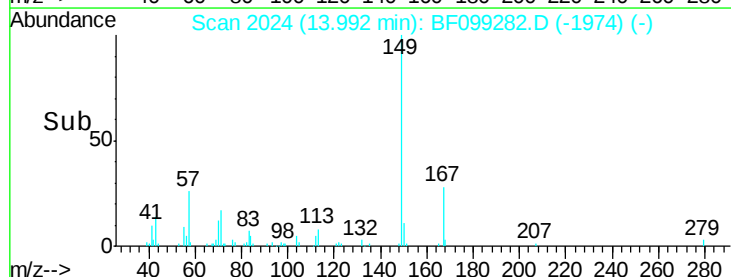
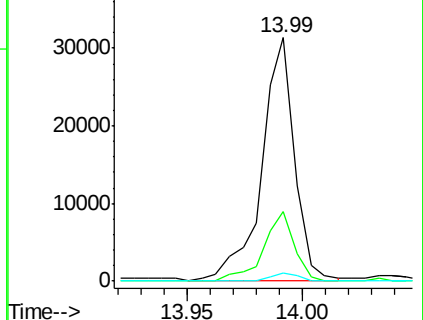
279 3.4 3.0 4.4

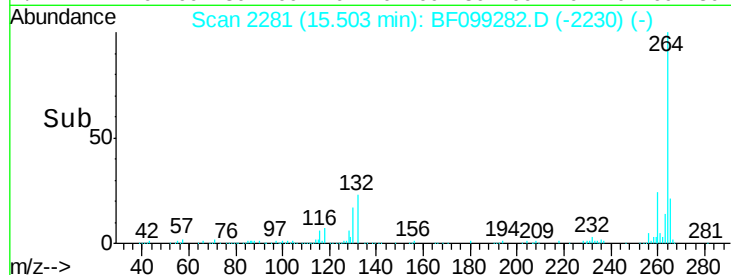
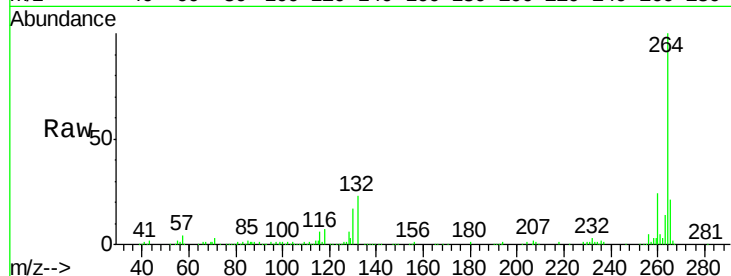
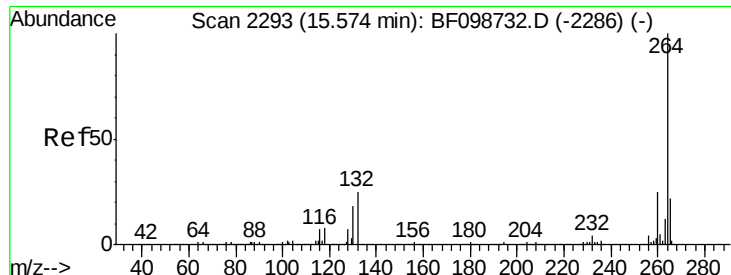


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099282.D
 Acq: 10 Oct 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	187282
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.2 28.8
265	21.0	17.5 26.3

