

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099467.D
 Acq On : 14 Oct 2017 4:38
 Operator : SJ/JU
 Sample : PB102194TB
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 05:05:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

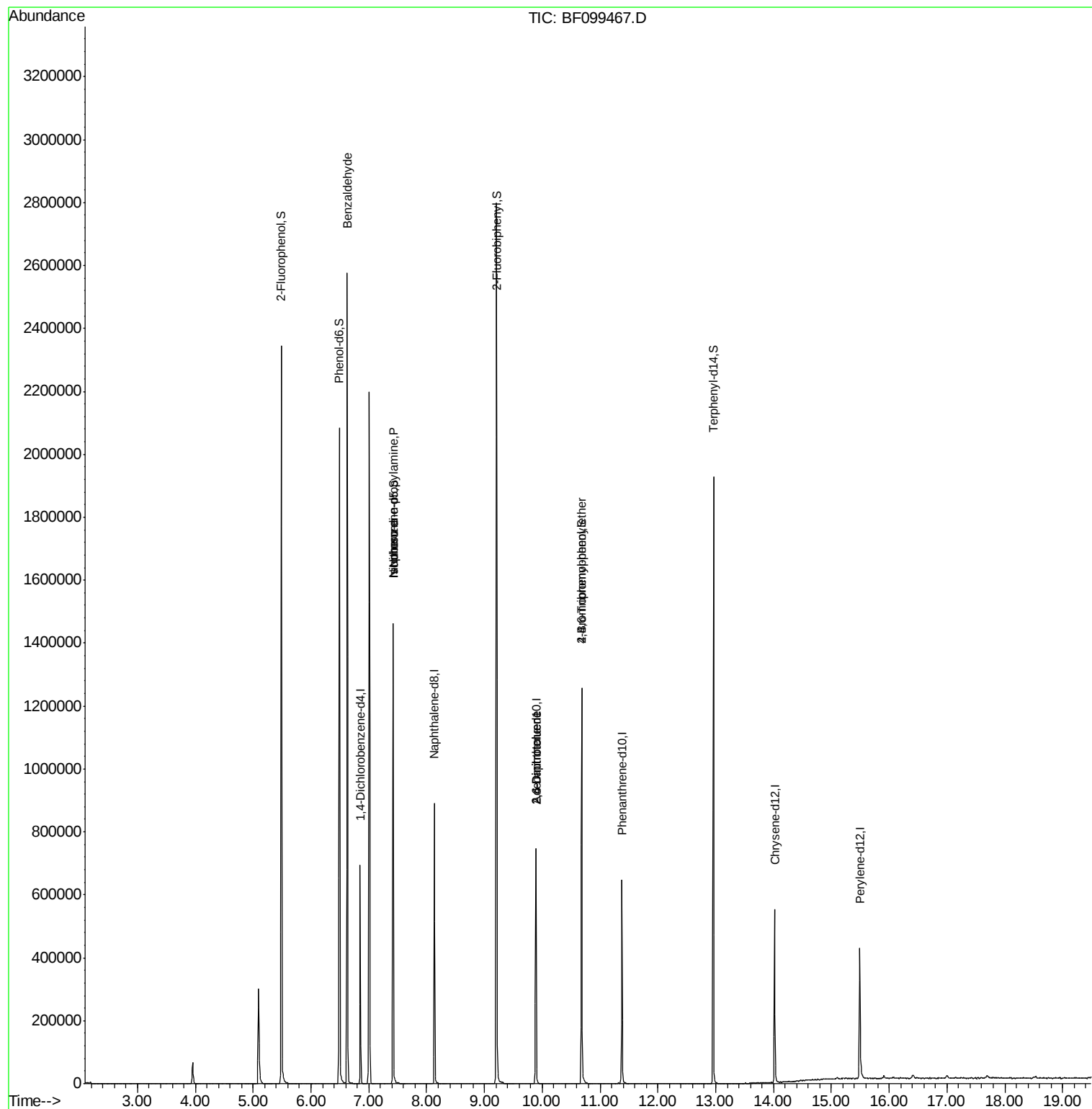
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101800	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	398172	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	163499	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	248311	20.00	ng	0.00
75) Chrysene-d12	14.02	240	191649	20.00	ng	0.00
86) Perylene-d12	15.49	264	194583	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	741996	116.03	ng	0.02
7) Phenol-d6	6.49	99	854707	108.34	ng	0.00
23) Nitrobenzene-d5	7.42	82	519970	83.75	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	144465	107.98	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	941441	96.13	ng	0.00
78) Terphenyl-d14	12.96	244	653834	77.59	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	14074	3.08	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	64995	12.90	ng	# 73
25) Isophorone	7.42	82	519966	40.51	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	20519	7.64	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	20519	5.89	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	9706	3.99	ng	# 1

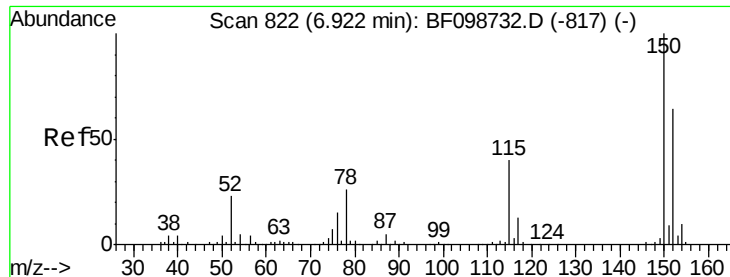
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

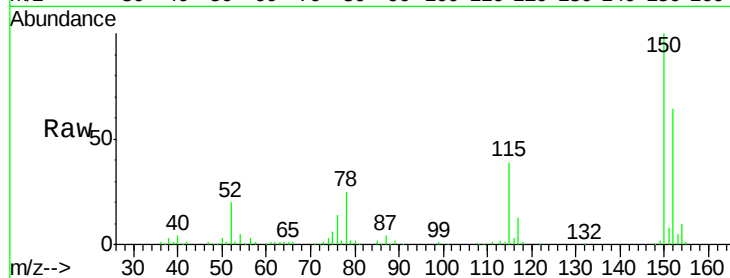
Delta R.T. -0.00 min

Lab File: BF099467.D

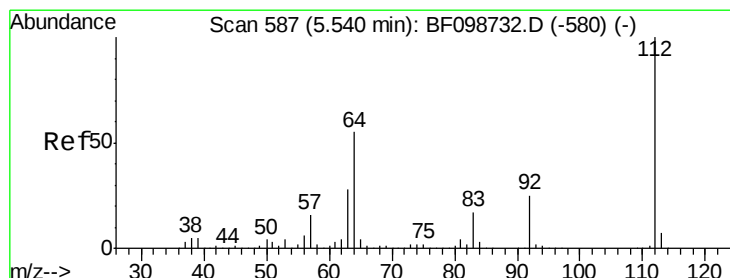
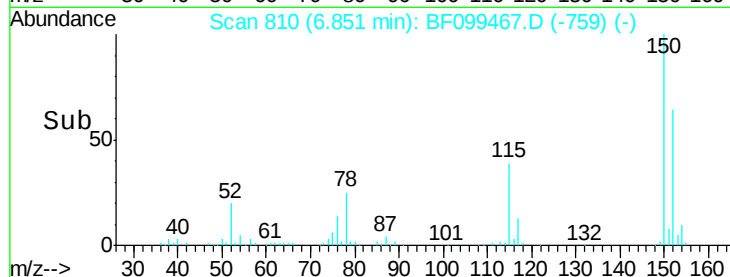
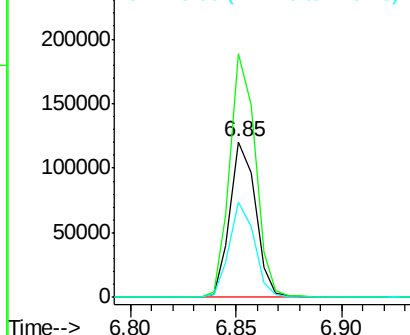
Acq: 14 Oct 2017 4:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101800
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 60.9 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: 116.03 ng

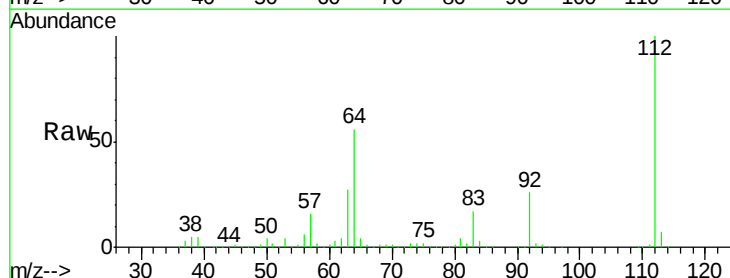
RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

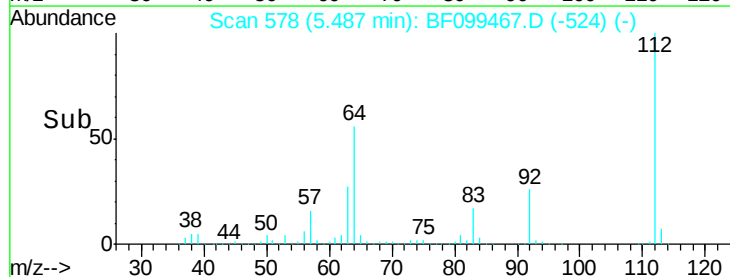
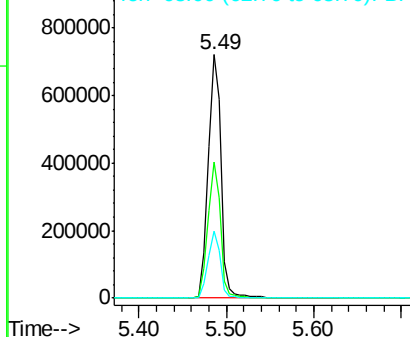
Lab File: BF099467.D

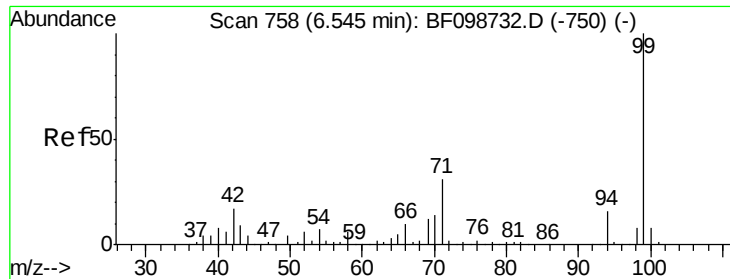
Acq: 14 Oct 2017 4:38

Tgt Ion:112 Resp: 741996
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 27.3 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: 108.34 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099467.D

Acq: 14 Oct 2017 4:38

Instrument :

BNA_F

ClientSampled :

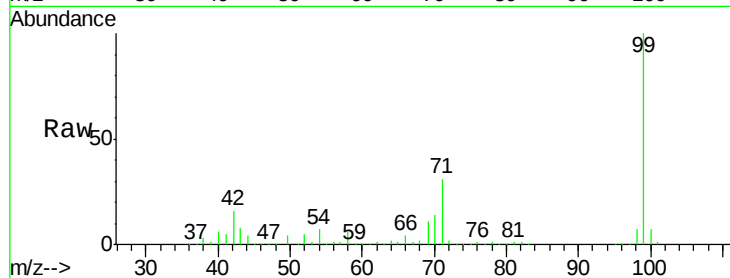
Tot Ion: 99 Resp: 854707

Ion Ratio Lower Upper

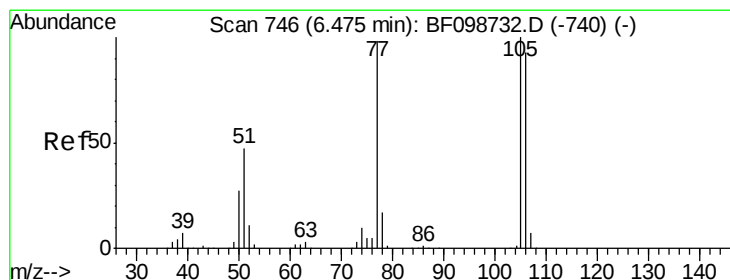
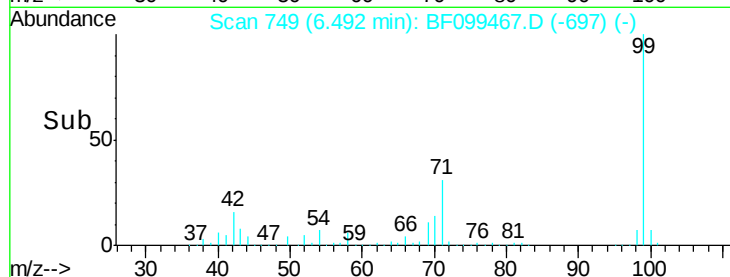
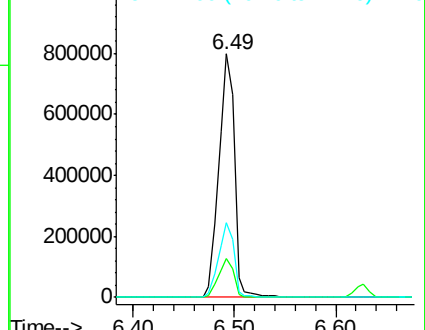
99 100

42 16.1 14.5 21.7

71 30.8 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: 3.08 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099467.D

Acq: 14 Oct 2017 4:38

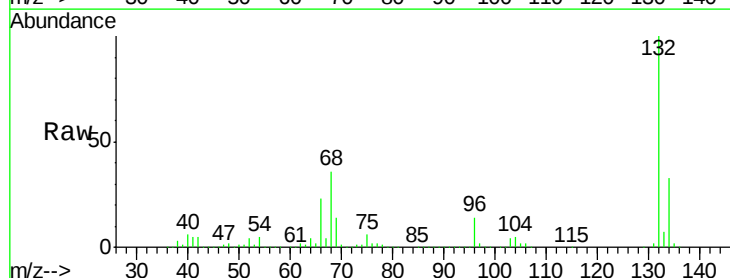
Tgt Ion: 77 Resp: 14074

Ion Ratio Lower Upper

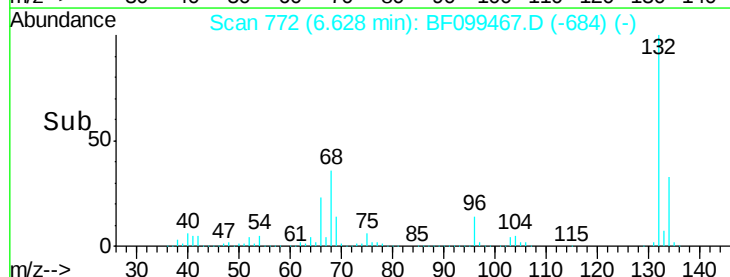
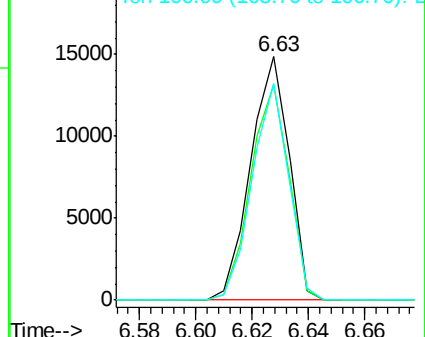
77 100

105 88.5 81.1 121.1

106 89.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

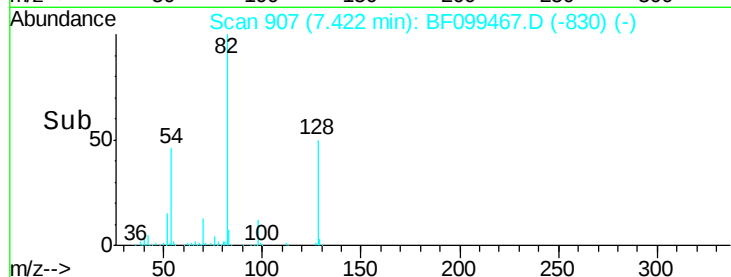
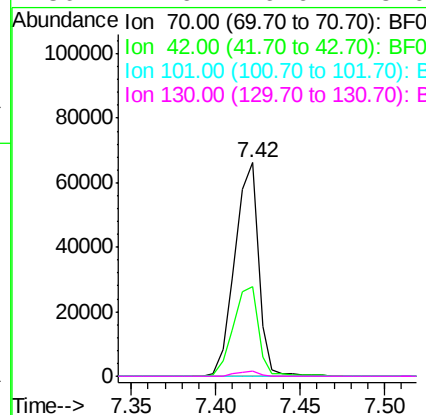
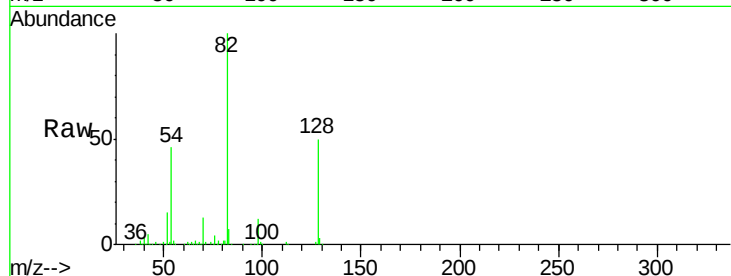




#19
n-Nitroso-di-n-propylamine
Concen: 12.90 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099467.D
Acq: 14 Oct 2017 4:38

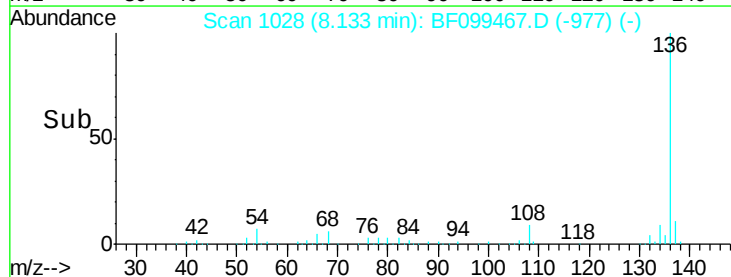
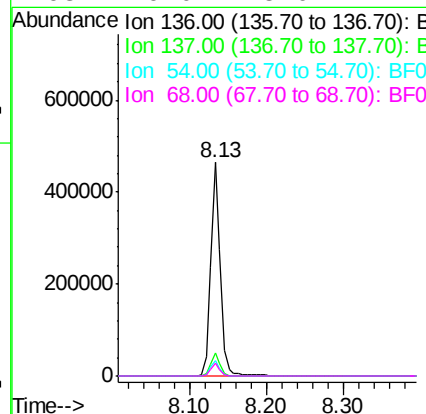
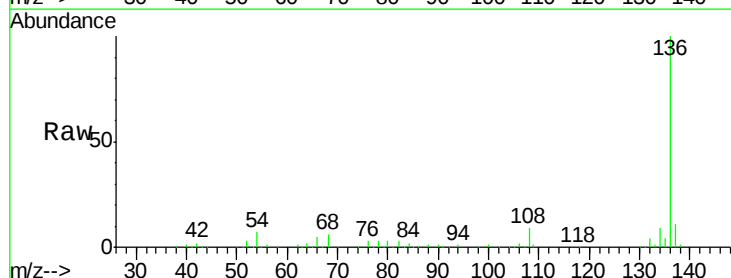
Instrument :
BNA_F
ClientSampleId :

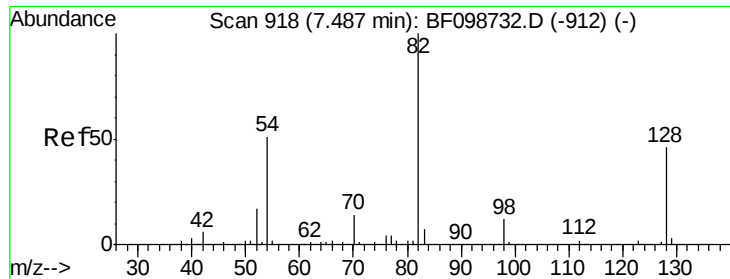
Tot Ion: 70 Resp: 64995
Ion Ratio Lower Upper
70 100
42 42.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099467.D
Acq: 14 Oct 2017 4:38

Tgt Ion: 136 Resp: 398172
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.4 6.6 9.8
68 6.0 5.0 7.4

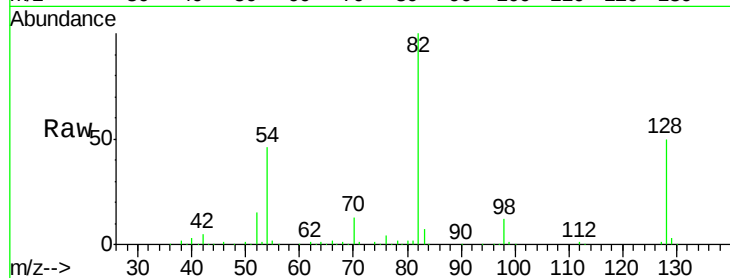




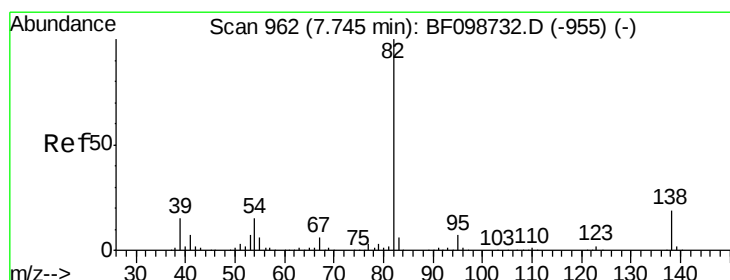
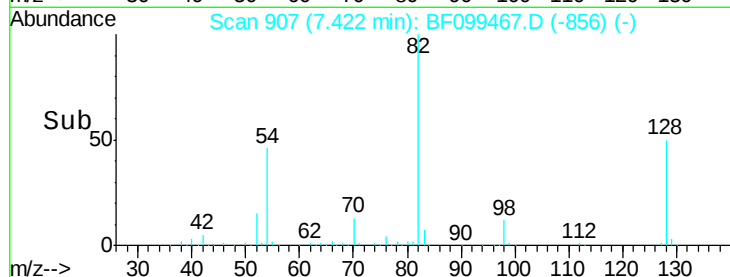
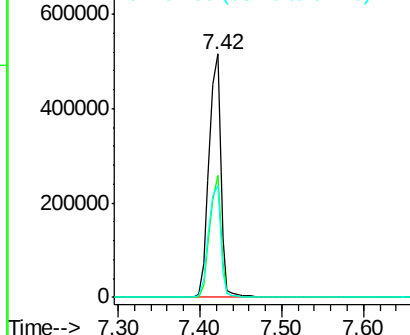
#23
Nitrobenzene-d5
Concen: 83.75 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099467.D
Acq: 14 Oct 2017 4:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 519970
Ion Ratio Lower Upper
82 100
128 49.9 36.1 54.1
54 45.8 41.4 62.2

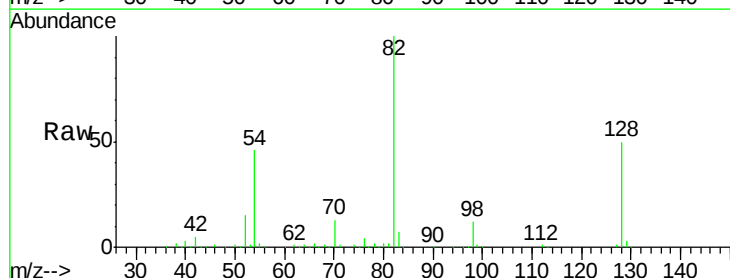


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

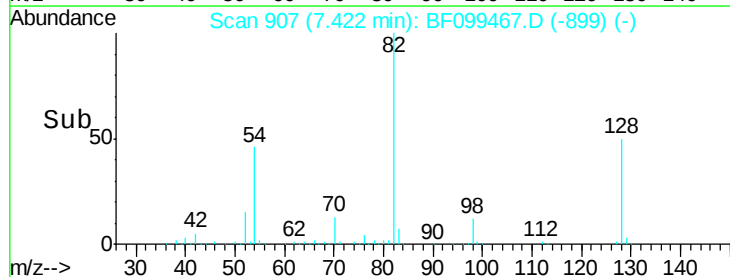
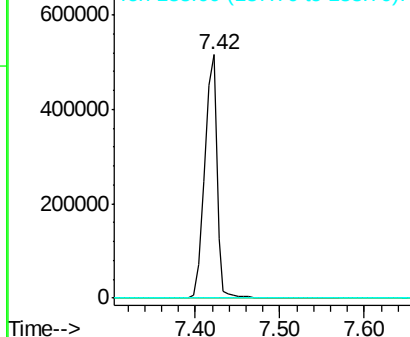


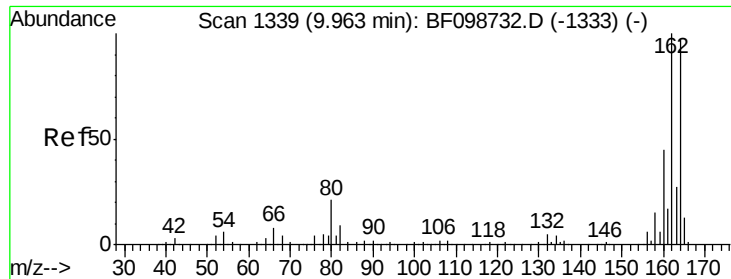
#25
Isophorone
Concen: 40.51 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099467.D
Acq: 14 Oct 2017 4:38

Tgt Ion: 82 Resp: 519966
Ion Ratio Lower Upper
82 100
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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099467.D

Acq: 14 Oct 2017 4:38

Instrument :

BNA_F

ClientSampleId :

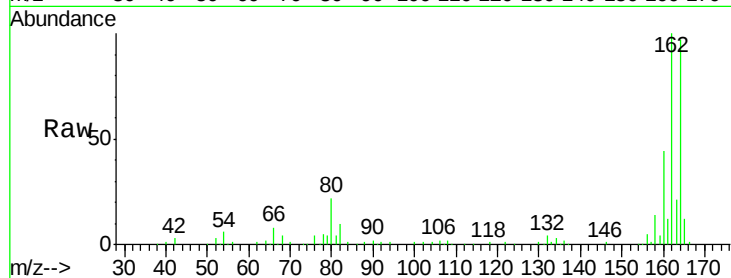
Tot Ion:164 Resp: 163499

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

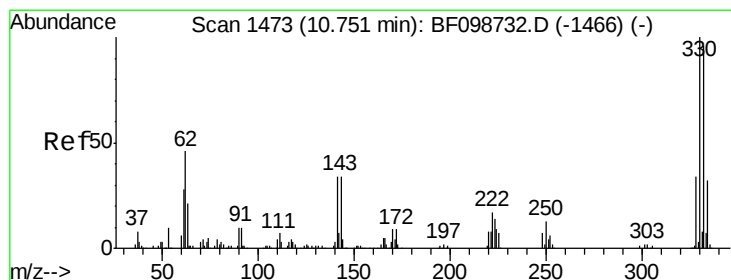
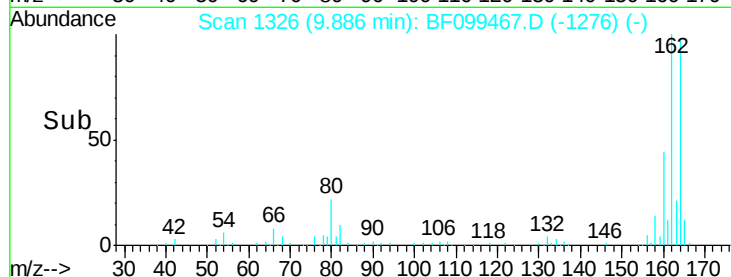
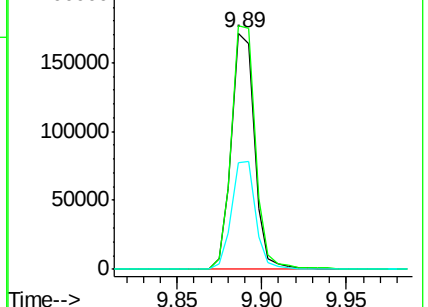
160 45.1 38.3 57.5



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: 107.98 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF099467.D

Acq: 14 Oct 2017 4:38

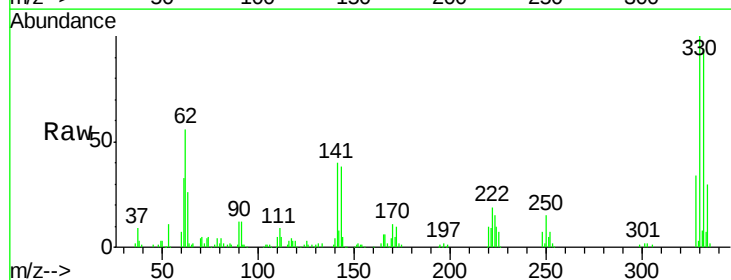
Tgt Ion:330 Resp: 144465

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

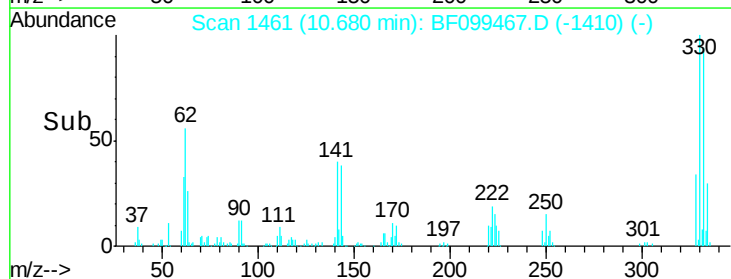
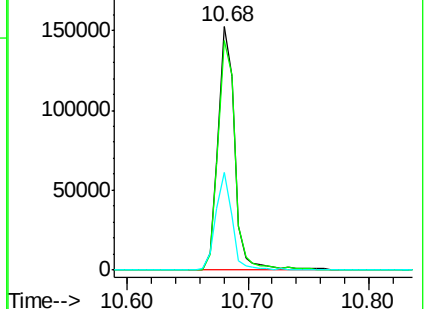
141 39.7 29.9 44.9



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

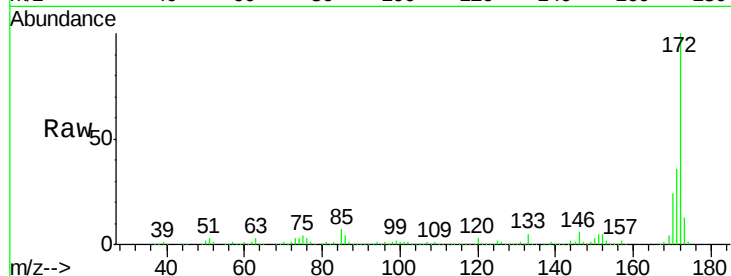




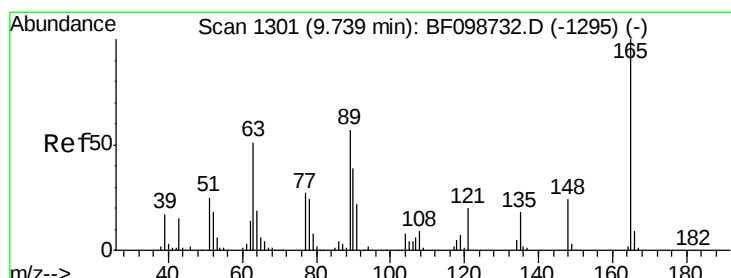
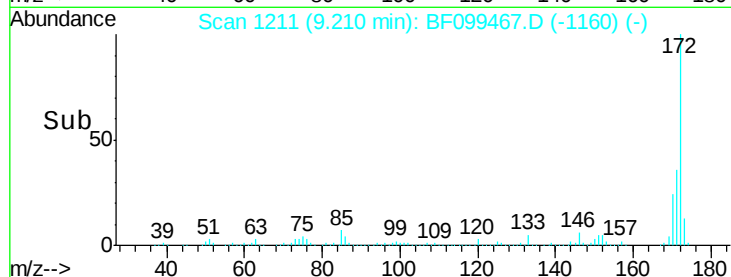
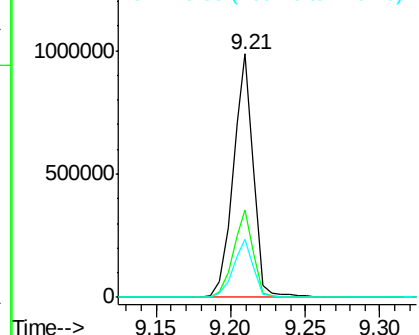
#44
 2-Fluorobiphenyl
 Concen: 96.13 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099467.D
 Acq: 14 Oct 2017 4:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 941441
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 19.6 29.4

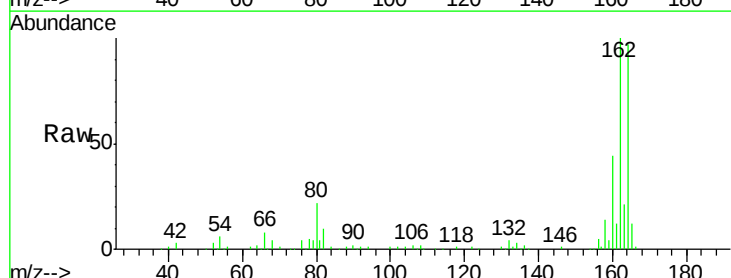


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

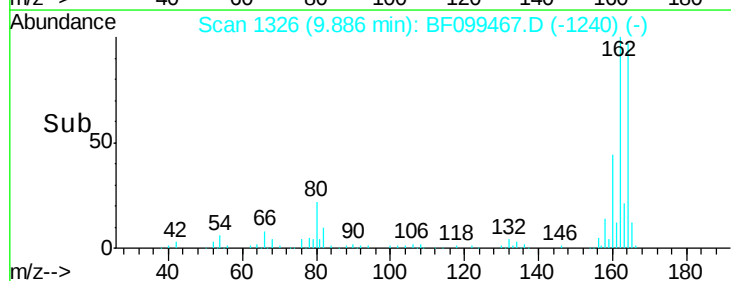
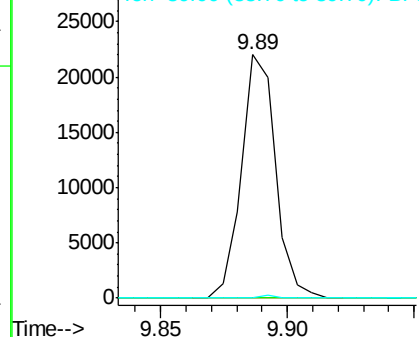


#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099467.D
 Acq: 14 Oct 2017 4:38

Tgt Ion:165 Resp: 20519
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 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

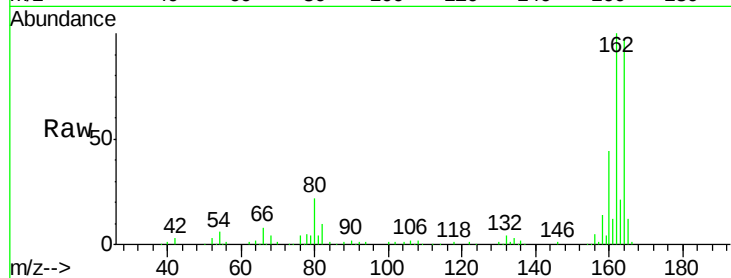




#56
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099467.D
Acq: 14 Oct 2017 4:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	20519
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

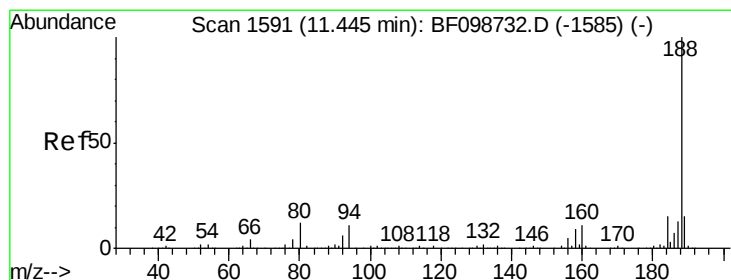
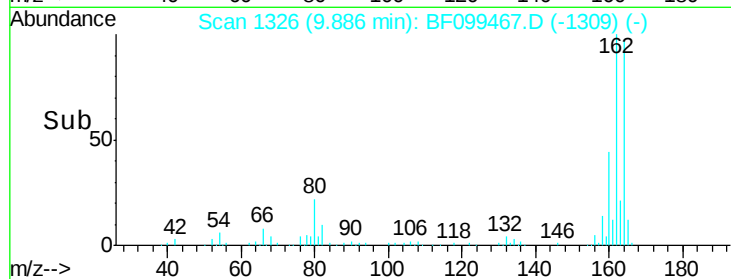
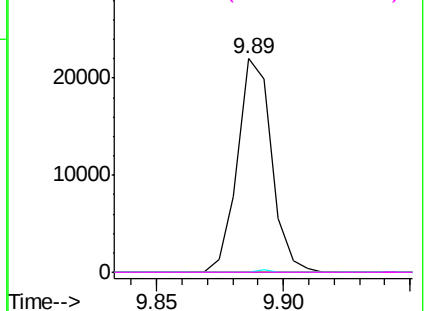


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

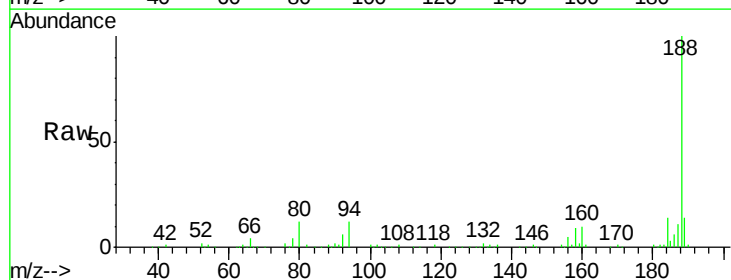
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099467.D
Acq: 14 Oct 2017 4:38

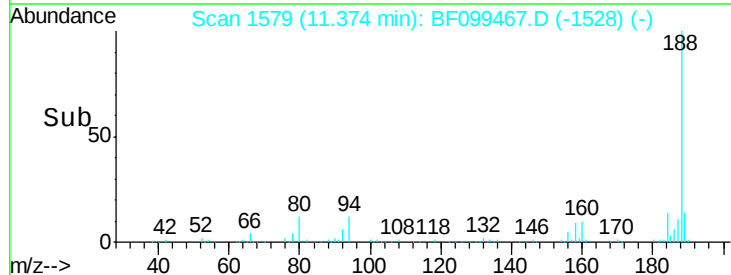
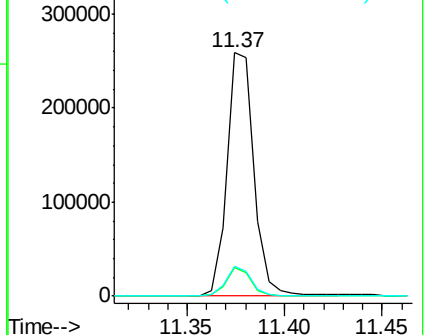
Tgt Ion:188	Resp:	248311
Ion Ratio	Lower	Upper
188	100	
94	11.6	8.5 12.7
80	12.4	9.2 13.8



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

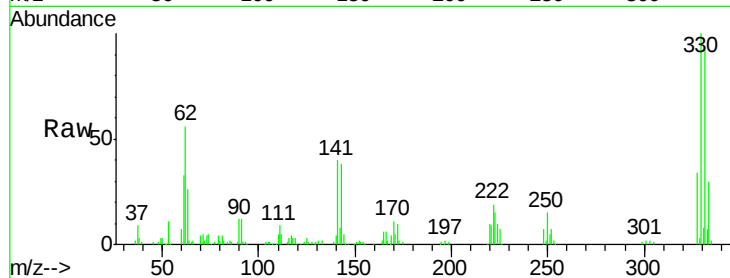




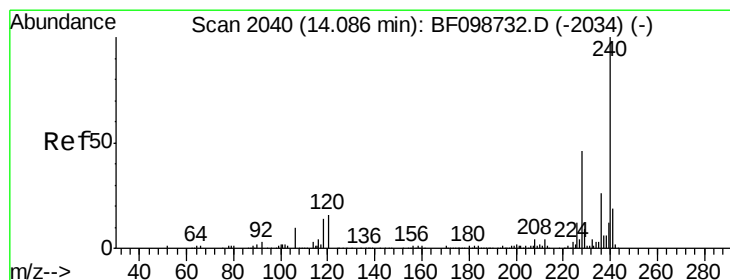
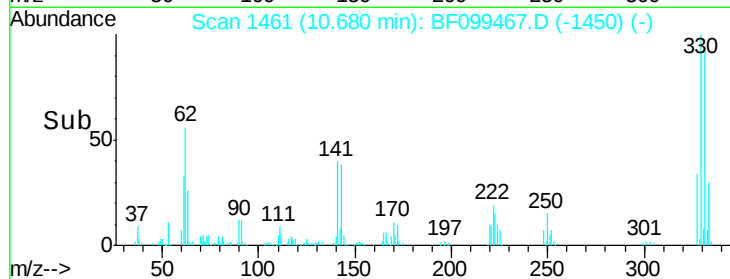
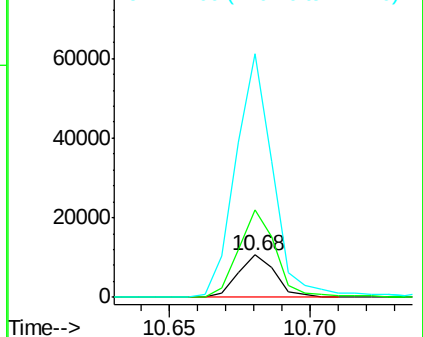
#66
 4-Bromophenyl-phenylether
 Concen: 3.99 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099467.D
 Acq: 14 Oct 2017 4:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9706
 Ion Ratio Lower Upper
 248 100
 250 208.5 76.9 115.3#
 141 576.8 74.4 111.6#

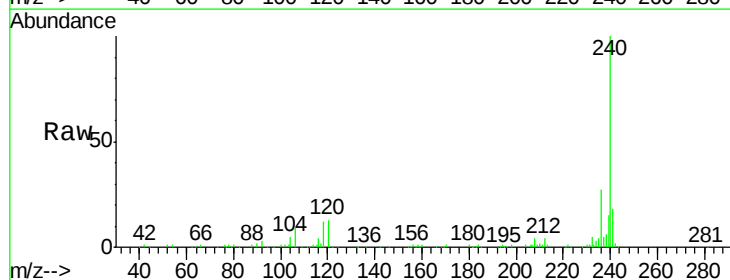


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

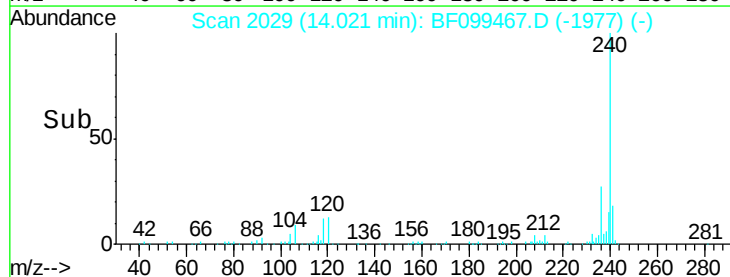
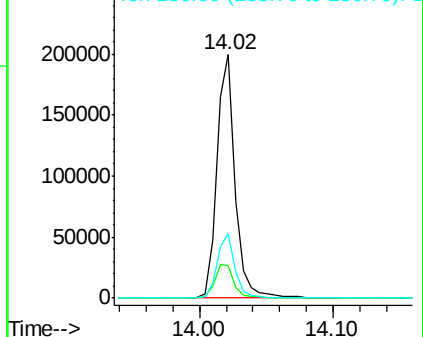


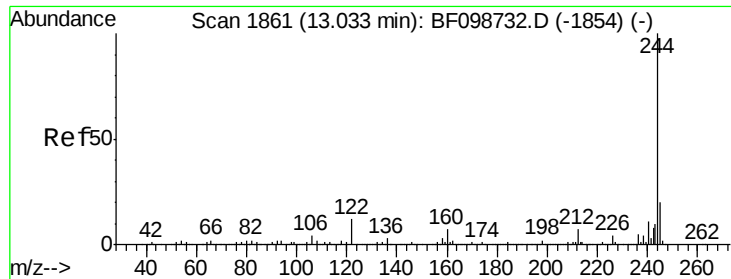
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099467.D
 Acq: 14 Oct 2017 4:38

Tgt Ion:240 Resp: 191649
 Ion Ratio Lower Upper
 240 100
 120 13.1 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

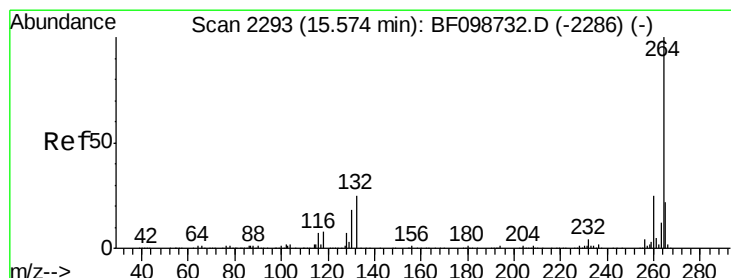
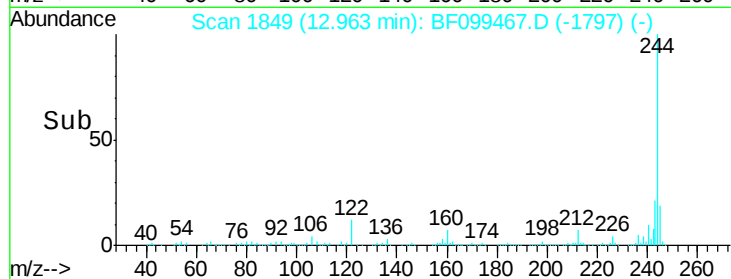
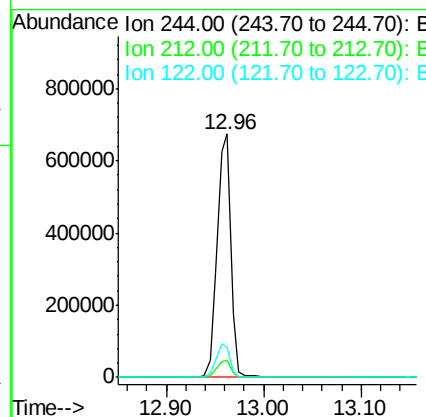
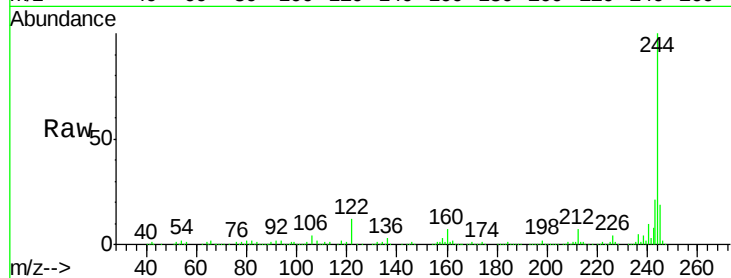




#78
 Terphenyl-d14
 Concen: 77.59 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099467.D
 Acq: 14 Oct 2017 4:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 653834
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099467.D
 Acq: 14 Oct 2017 4:38

Tgt Ion:264 Resp: 194583
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.3 17.5 26.3

