

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099690.D
 Acq On : 20 Oct 2017 7:33
 Operator : SJ/JU
 Sample : I5927-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:55:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

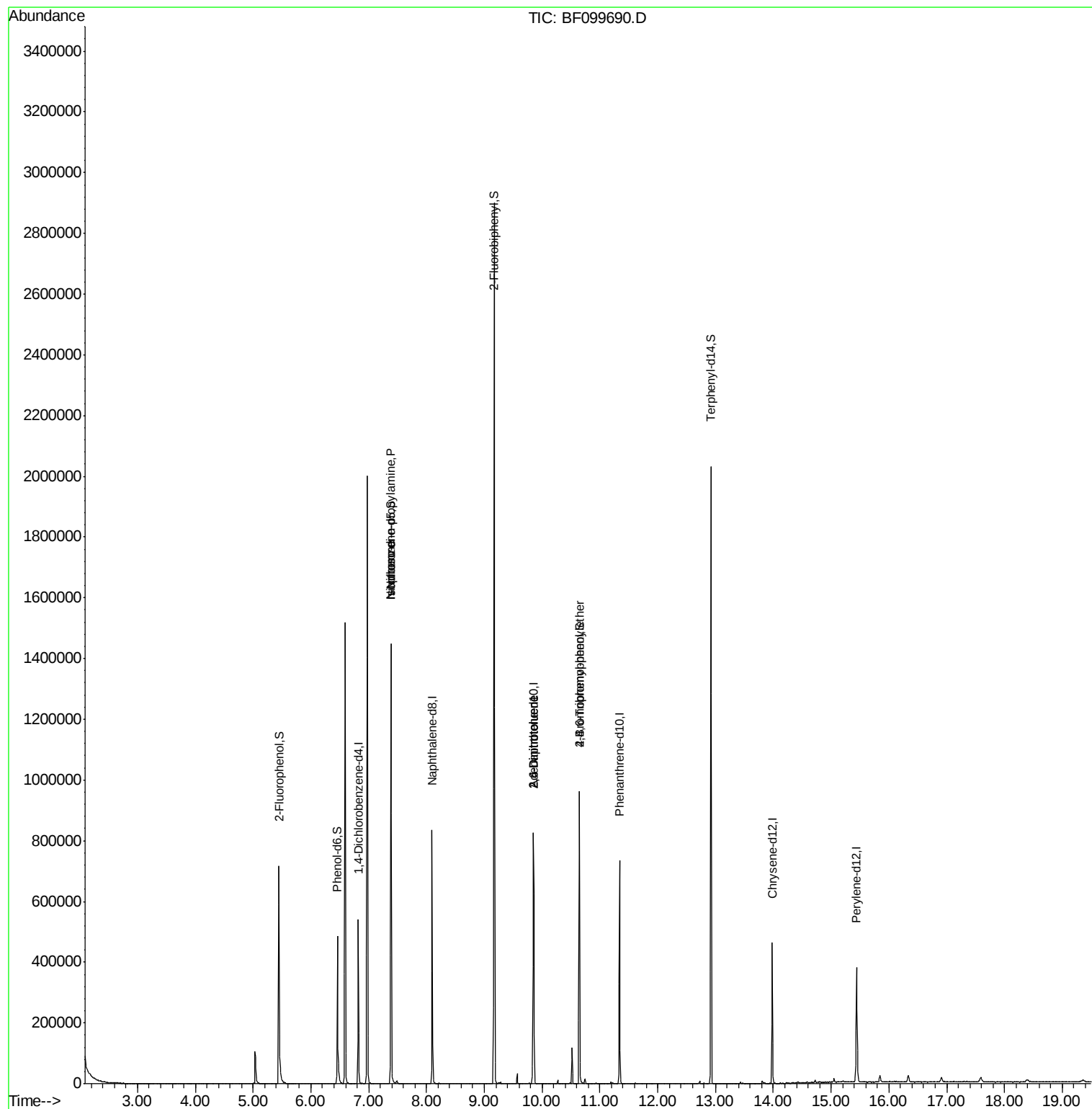
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93376	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	378145	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	165799	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	250690	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	159405	20.00	ng	-0.02
86) Perylene-d12	15.44	264	167432	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	261059	44.51	ng	0.00
7) Phenol-d6	6.46	99	198247	27.40	ng	-0.02
23) Nitrobenzene-d5	7.39	82	512475	86.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	110335	81.33	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	973518	98.02	ng	-0.01
78) Terphenyl-d14	12.92	244	661384	94.36	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	64204	13.897	ng	# 72
25) Isophorone	7.39	82	512471	42.036	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	20673	7.588	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	20673	5.847	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	7450	3.036	ng	# 1

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

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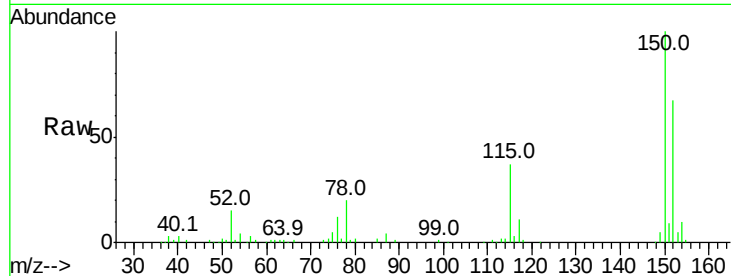


#1

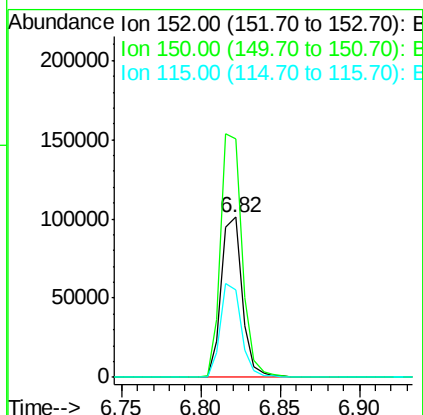
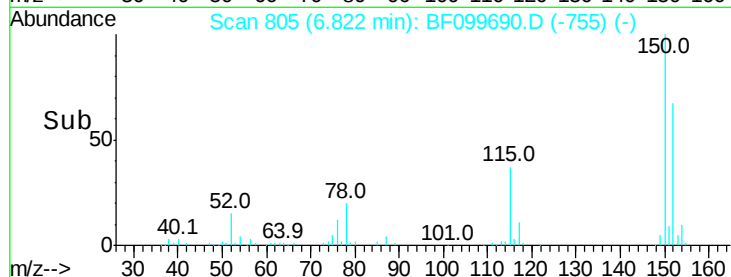
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF099690.D
Acq: 20 Oct 2017 7:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93376
Ion Ratio Lower Upper
152 100
150 149.6 124.6 186.8
115 54.6 50.1 75.1



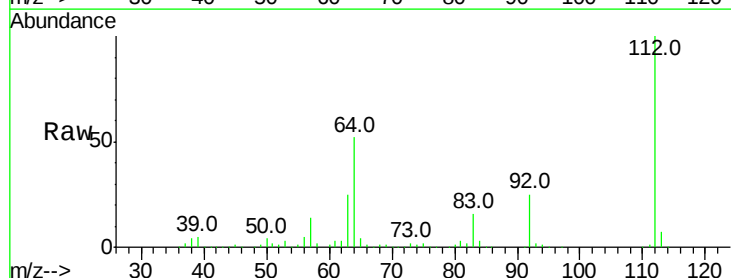
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



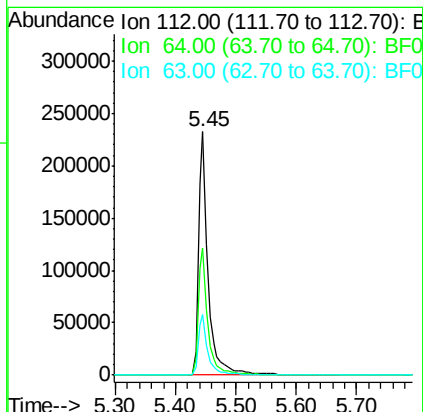
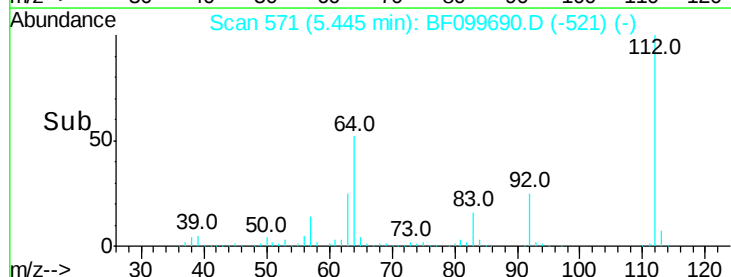
#5

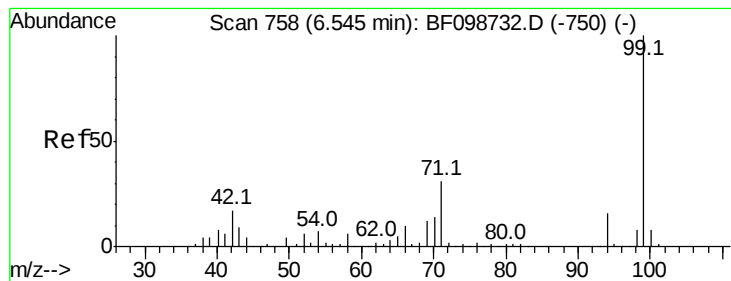
2-Fluorophenol
Concen: 44.506 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF099690.D
Acq: 20 Oct 2017 7:33

Tgt Ion:112 Resp: 261059
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 24.9 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: 27.397 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099690.D

Acq: 20 Oct 2017 7:33

Instrument :

BNA_F

ClientSampleId :

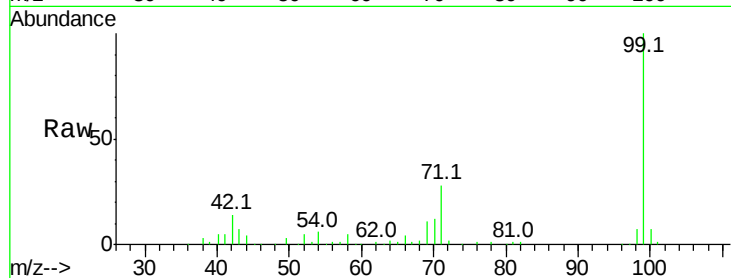
Tot Ion: 99 Resp: 198247

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

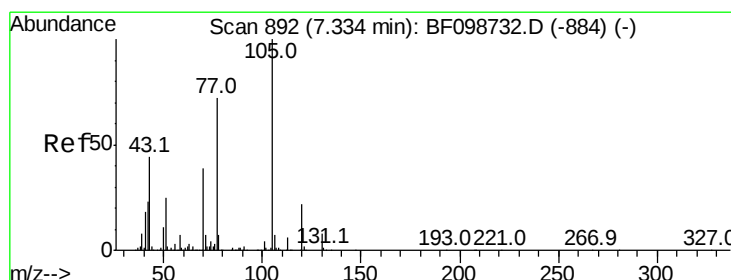
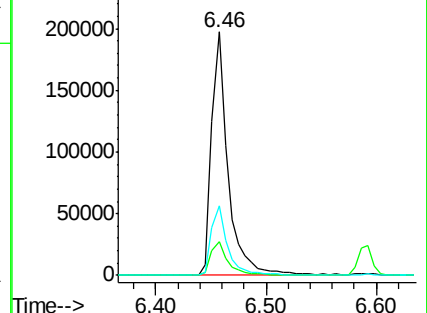
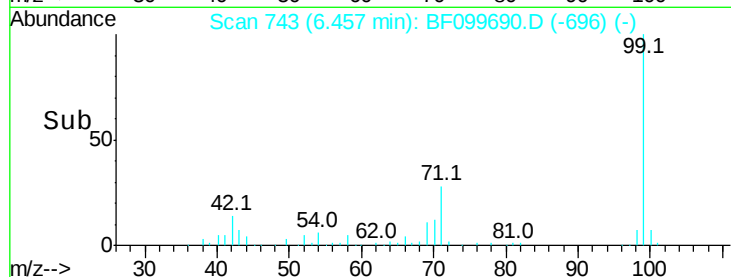
71 28.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.897 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF099690.D

Acq: 20 Oct 2017 7:33

Tgt Ion: 70 Resp: 64204

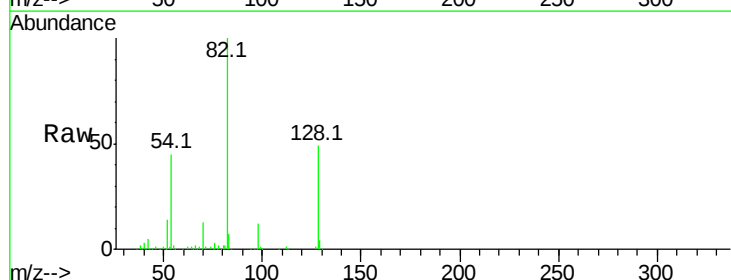
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

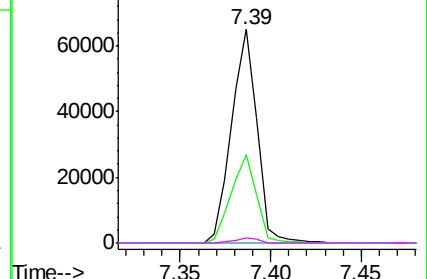
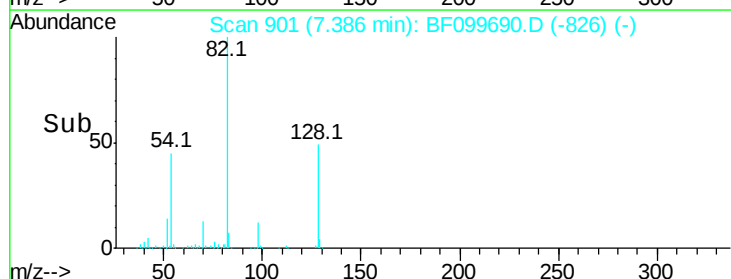


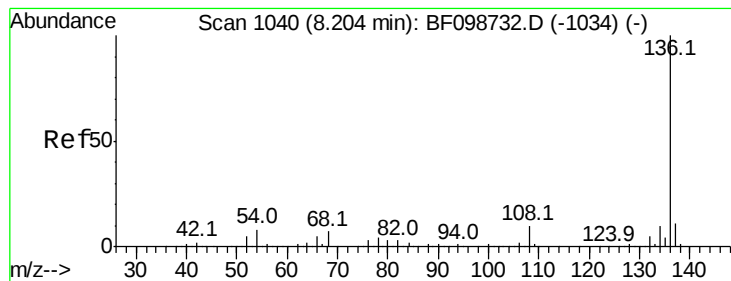
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099690.D

Acq: 20 Oct 2017 7:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 378145

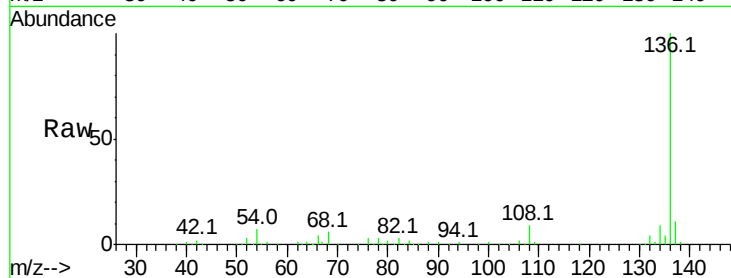
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.0 6.6 9.8

68 6.0 5.0 7.4

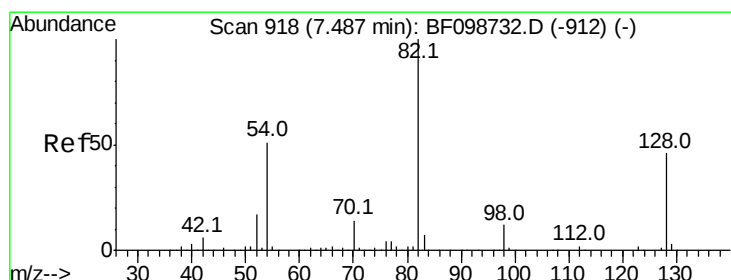
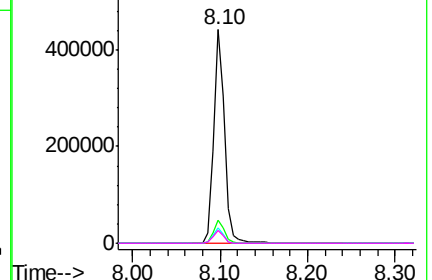
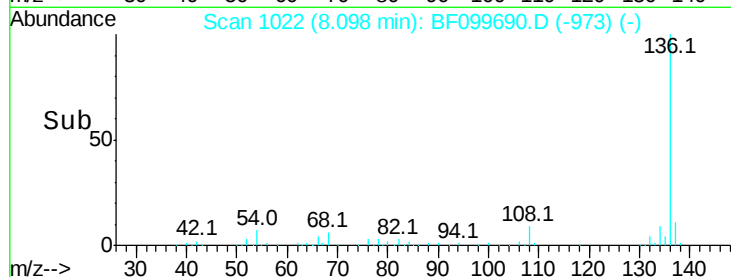


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 86.911 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF099690.D

Acq: 20 Oct 2017 7:33

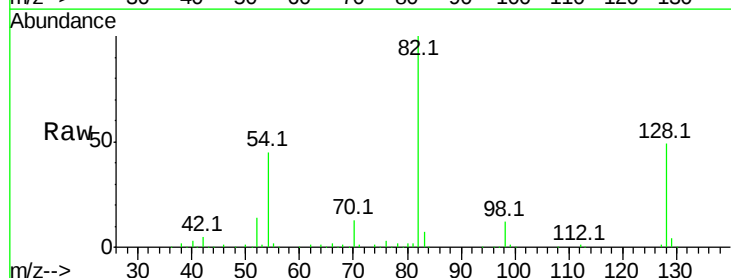
Tgt Ion: 82 Resp: 512475

Ion Ratio Lower Upper

82 100

128 49.2 36.1 54.1

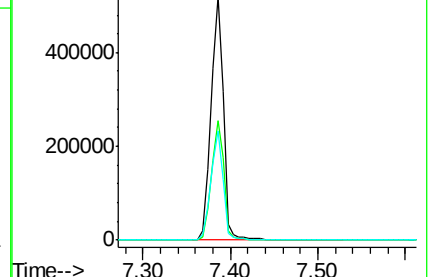
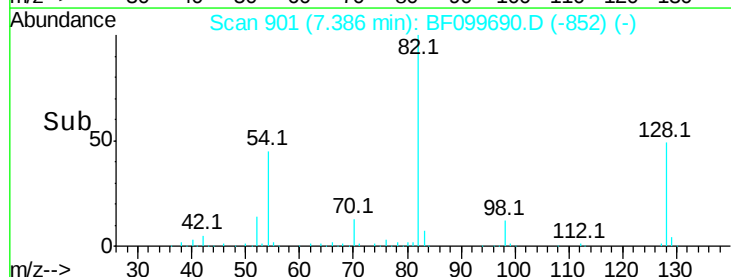
54 45.1 41.4 62.2

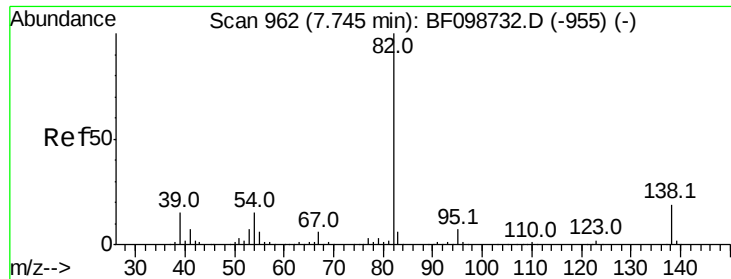


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.036 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF099690.D

Acq: 20 Oct 2017 7:33

Instrument :

BNA_F

ClientSampleId :

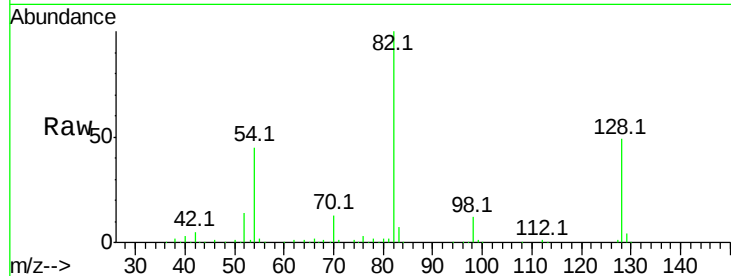
Tot Ion: 82 Resp: 512471

Ion Ratio Lower Upper

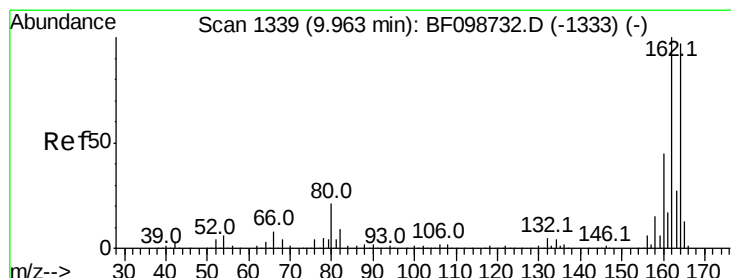
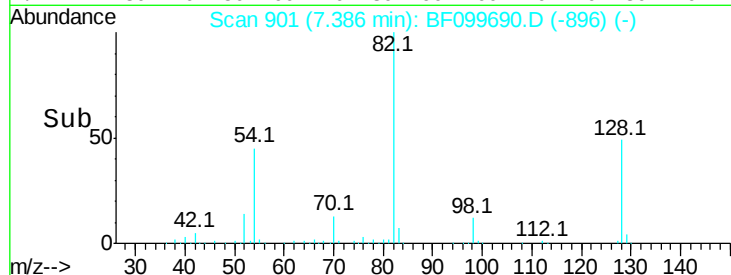
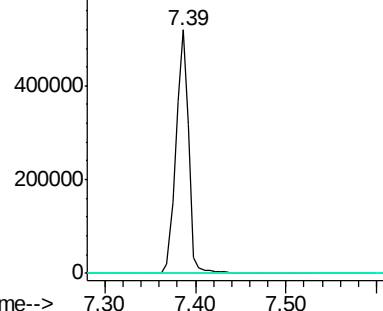
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF099690.D

Acq: 20 Oct 2017 7:33

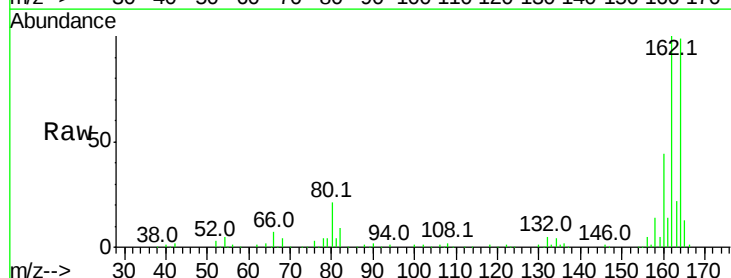
Tgt Ion:164 Resp: 165799

Ion Ratio Lower Upper

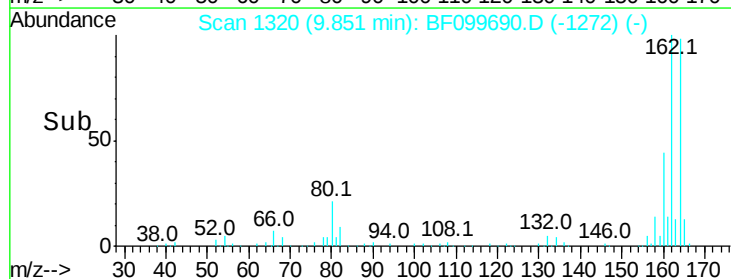
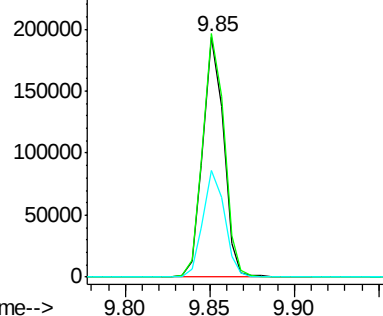
164 100

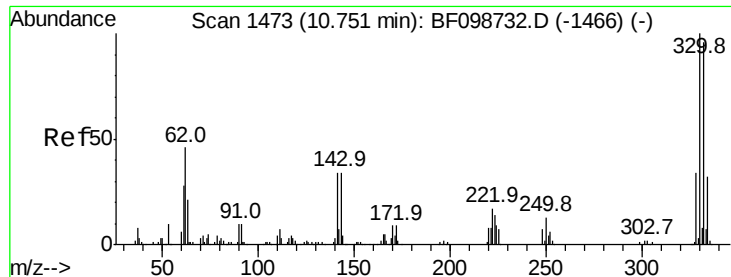
162 101.5 86.1 129.1

160 44.6 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

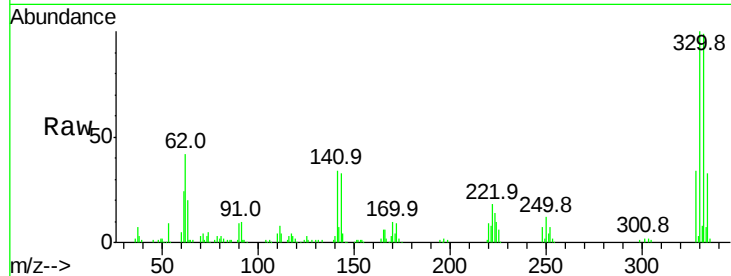




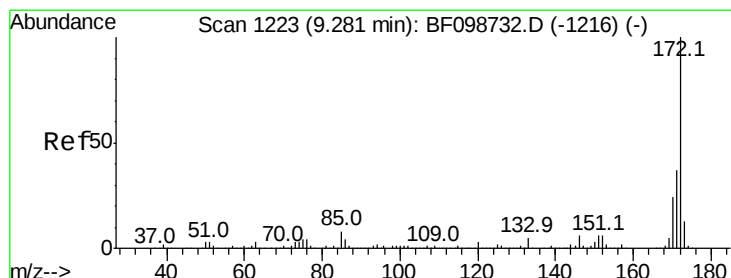
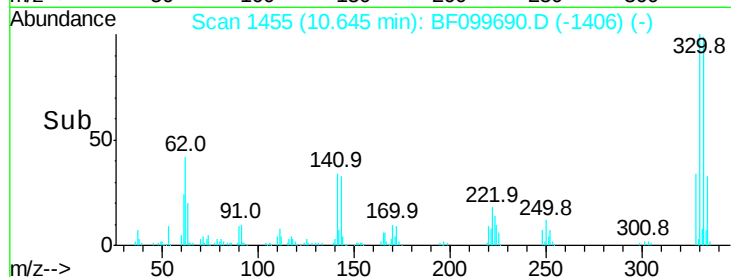
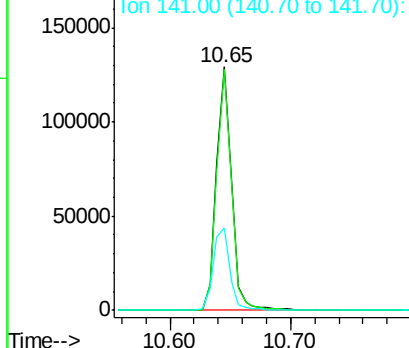
#41
 2,4,6-Tribromophenol
 Concen: 81.327 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099690.D
 Acq: 20 Oct 2017 7:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	37.4	29.9	44.9

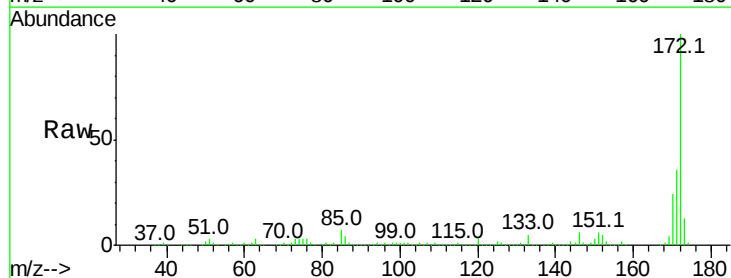


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

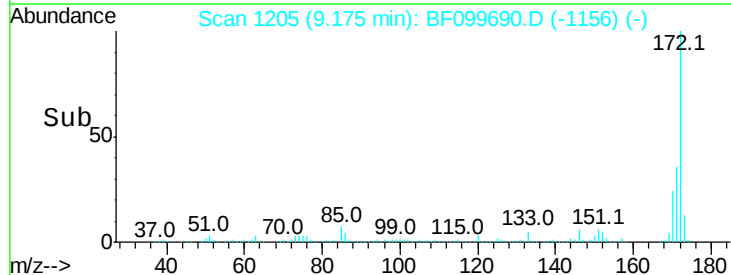
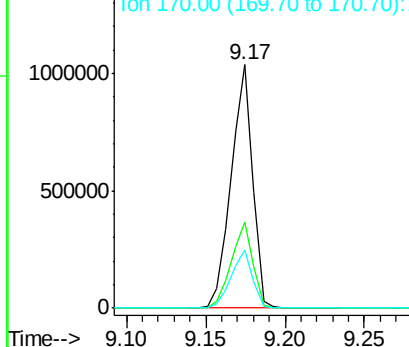


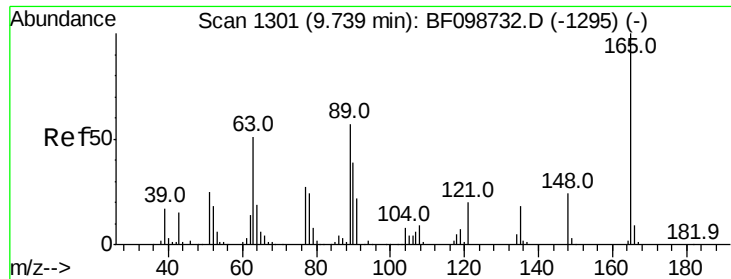
#44
 2-Fluorobiphenyl
 Concen: 98.023 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099690.D
 Acq: 20 Oct 2017 7:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	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

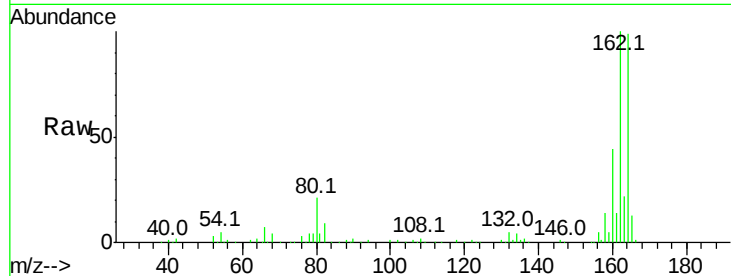




#50
 2,6-Dinitrotoluene
 Concen: 7.588 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.19 min
 Lab File: BF099690.D
 Acq: 20 Oct 2017 7:33

Instrument :
 BNA_F
 ClientSampleId :

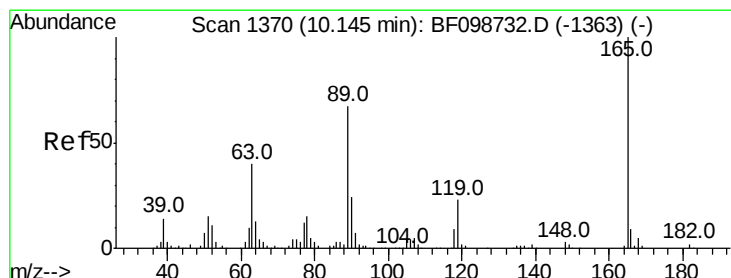
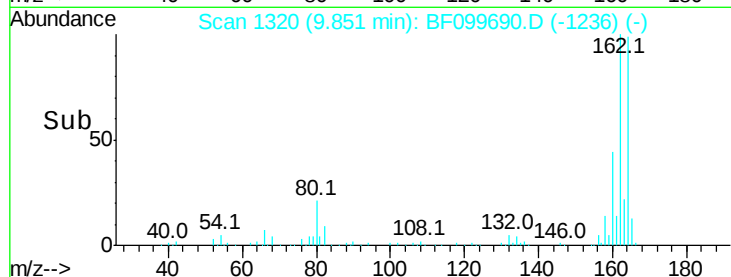
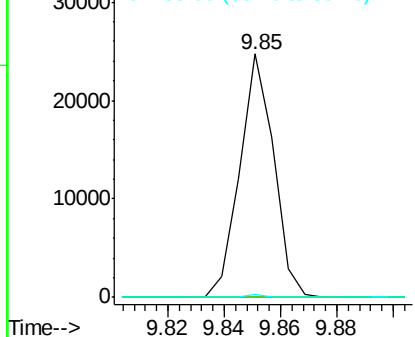
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.2	44.0	66.0#



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: 5.847 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.22 min
 Lab File: BF099690.D
 Acq: 20 Oct 2017 7:33

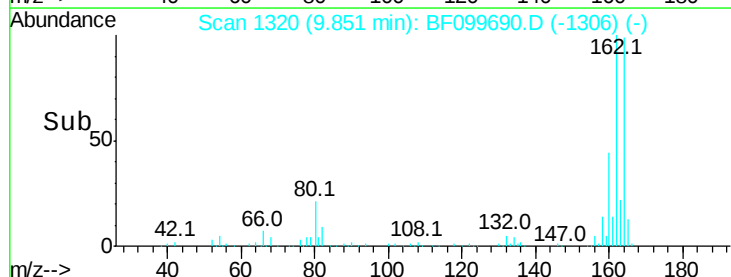
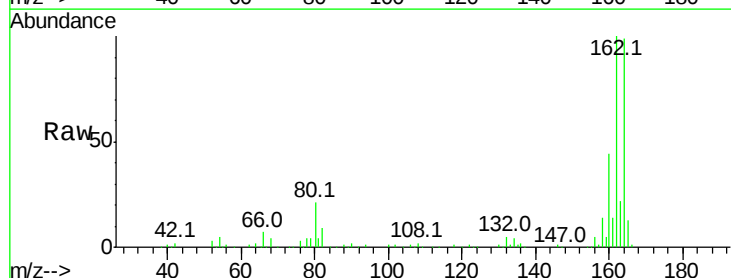
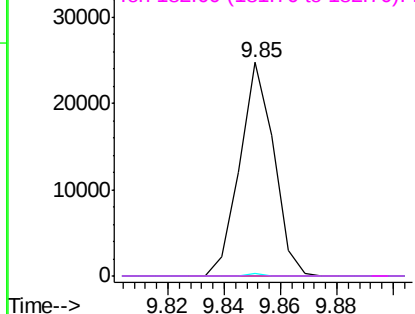
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

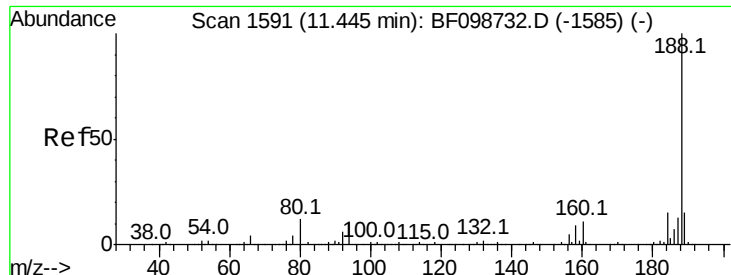
Abundance Ion 165.00 (164.70 to 165.70): E

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

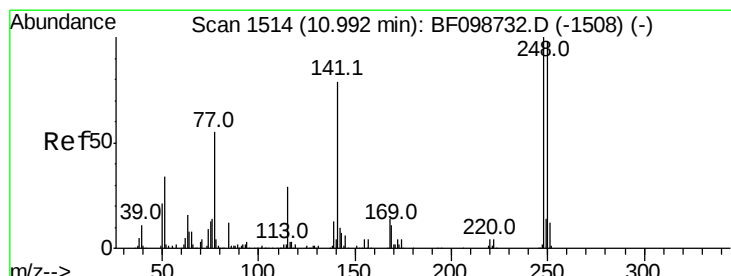
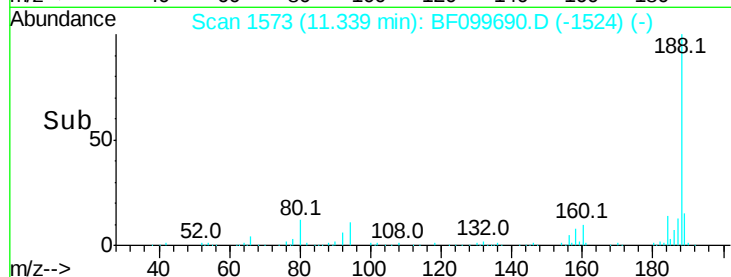
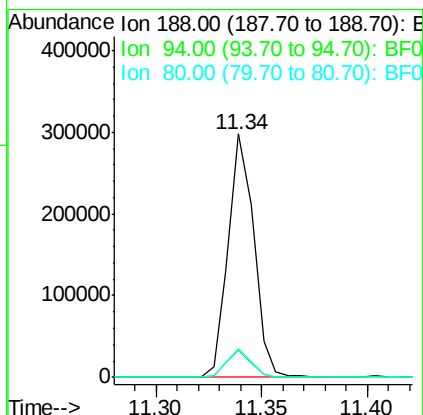
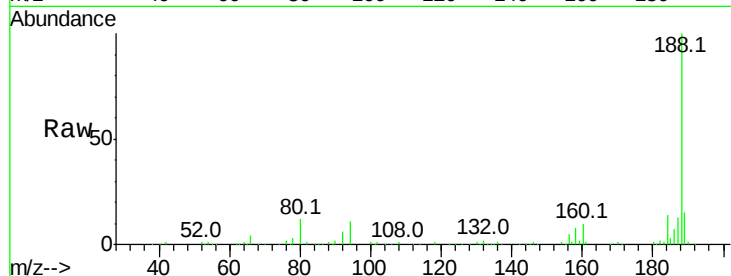




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099690.D
Acq: 20 Oct 2017 7:33

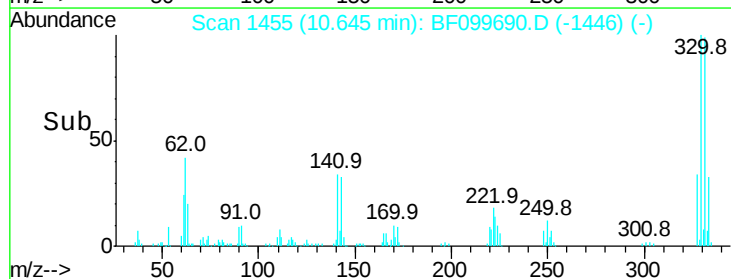
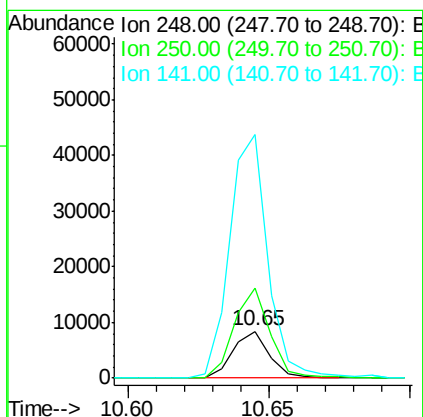
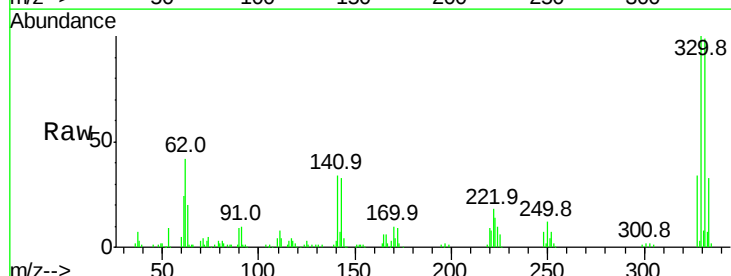
Instrument :
BNA_F
ClientSampleId :

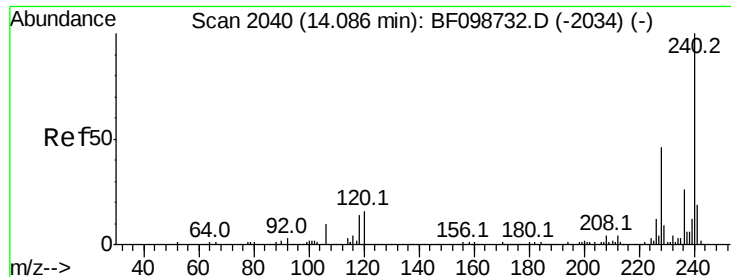
Tot Ion:188 Resp: 250690
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.036 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF099690.D
Acq: 20 Oct 2017 7:33

Tgt Ion:248 Resp: 7450
Ion Ratio Lower Upper
248 100
250 190.0 76.9 115.3#
141 516.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF099690.D

Acq: 20 Oct 2017 7:33

Instrument :

BNA_F

ClientSampleId :

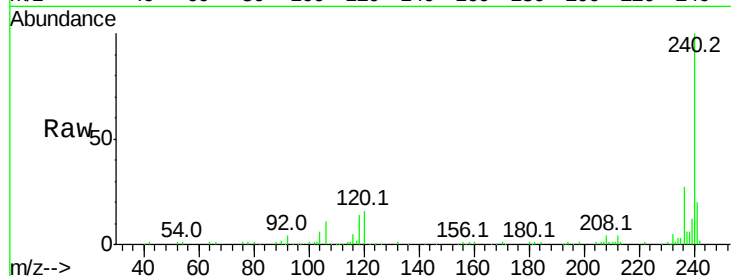
Tot Ion:240 Resp: 159405

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

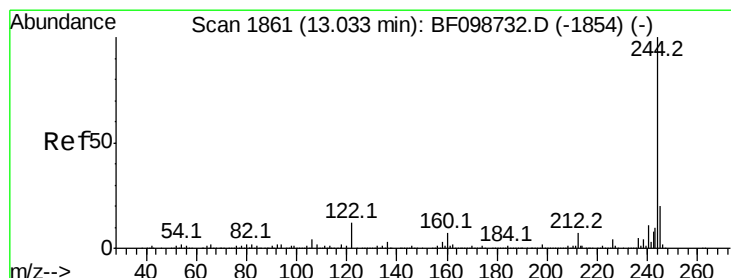
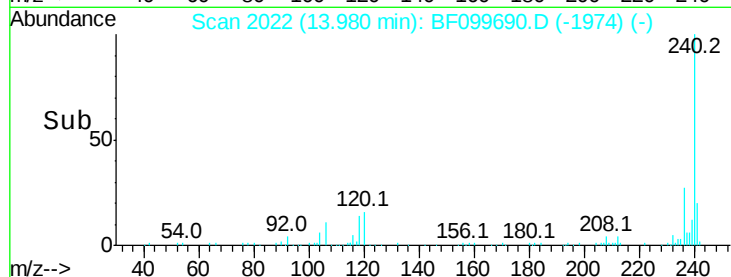
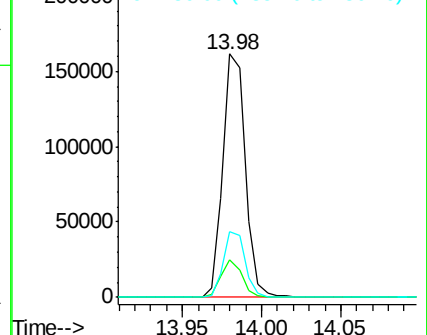
236 26.8 20.7 31.1



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: 94.358 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF099690.D

Acq: 20 Oct 2017 7:33

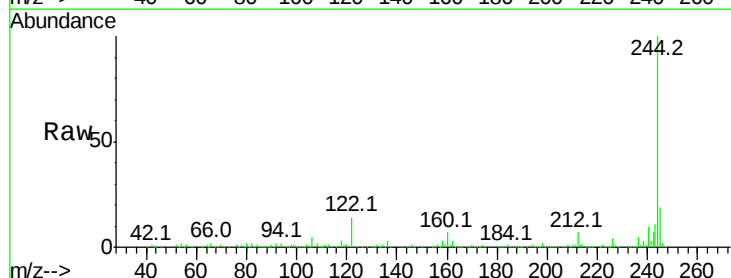
Tgt Ion:244 Resp: 661384

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

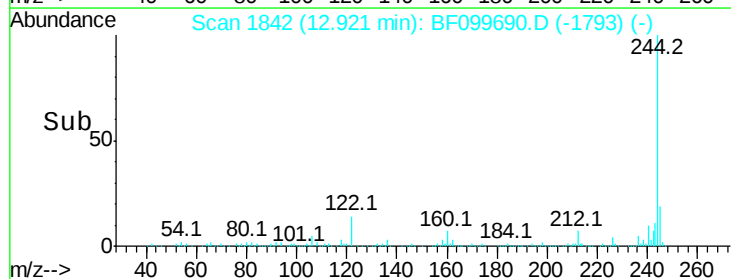
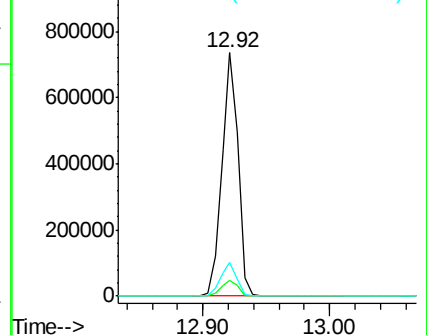
122 13.9 11.0 16.4

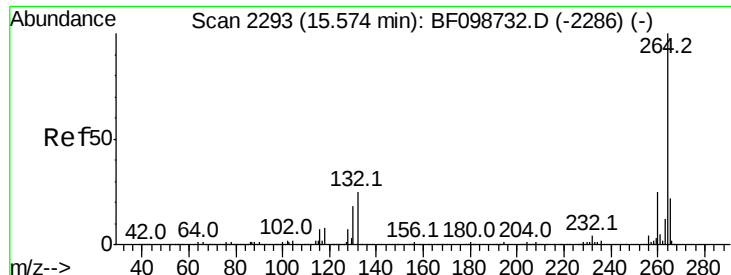


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

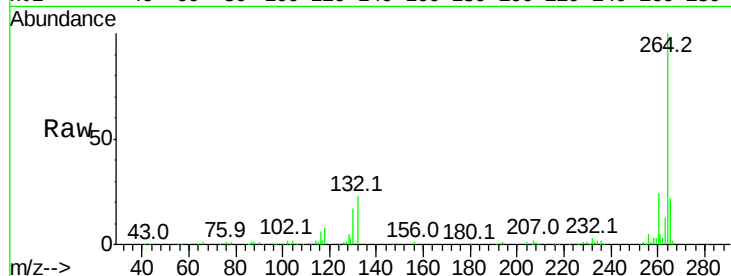




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF099690.D
 Acq: 20 Oct 2017 7:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	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

