

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099748.D
 Acq On : 22 Oct 2017 1:37
 Operator : SJ/JU
 Sample : I6037-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 05:14:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

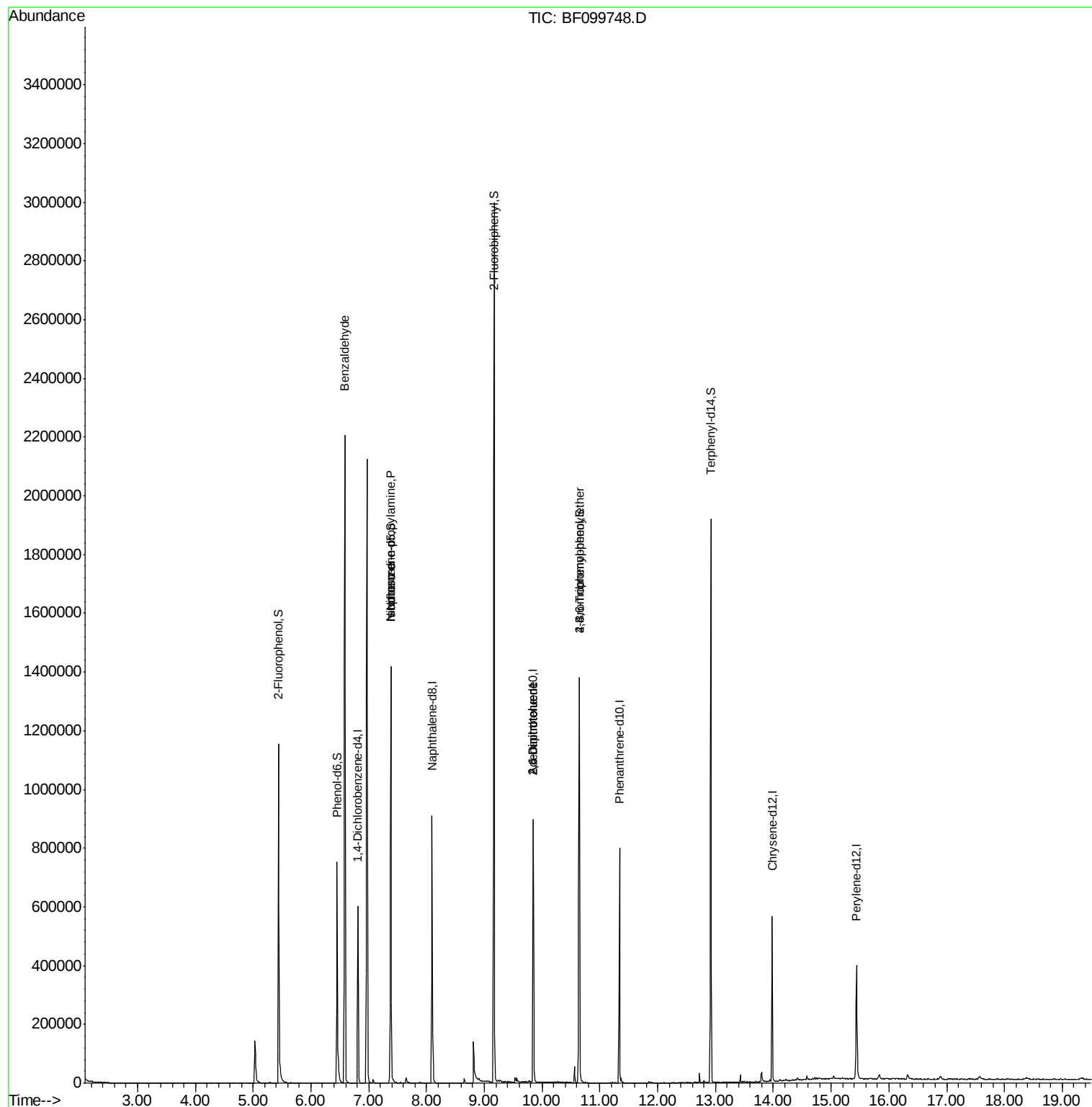
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	103061	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	422782	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	188767	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	301108	20.00	ng	0.00
75) Chrysene-d12	13.98	240	172289	20.00	ng	0.00
86) Perylene-d12	15.44	264	182919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	388434	60.00	ng	0.00
7) Phenol-d6	6.45	99	301718	37.78	ng	-0.01
23) Nitrobenzene-d5	7.39	82	540790	82.03	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	184779	119.63	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1055371	93.33	ng	0.00
78) Terphenyl-d14	12.92	244	666402	87.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	11700	2.525	ng	91
19) n-Nitroso-di-n-propylamine	7.39	70	67113	13.162	ng	# 71
25) Isophorone	7.39	82	540790	39.676	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	23908	7.708	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	23908	5.939	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	12201	4.140	ng	# 1

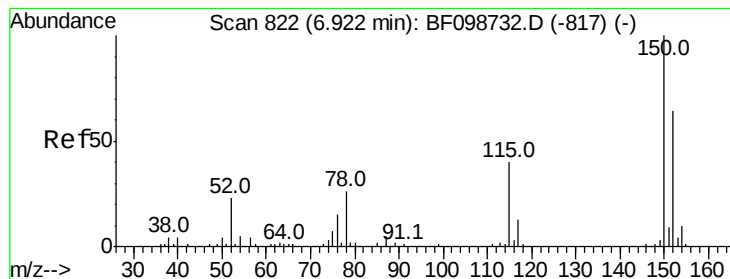
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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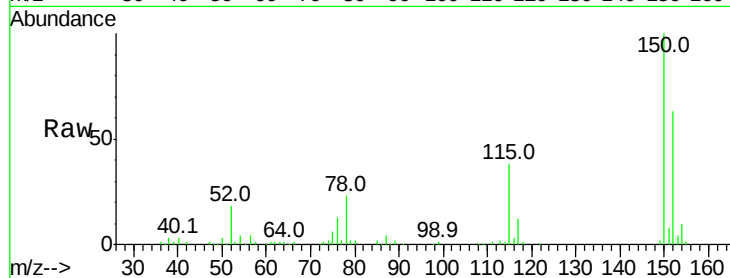


#1

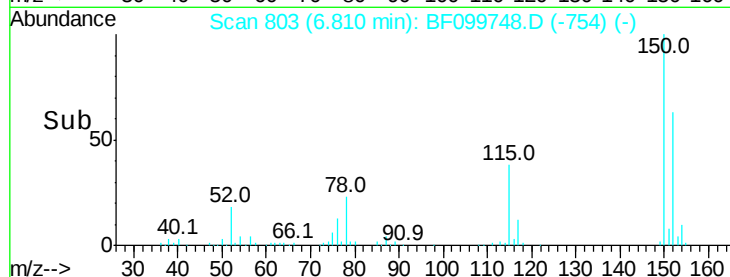
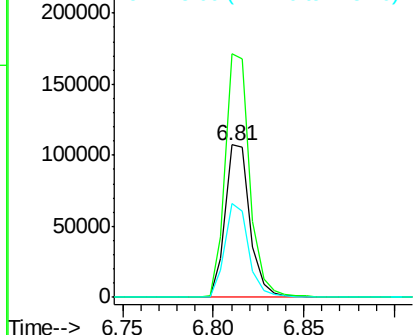
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099748.D
Acq: 22 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103061
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 61.5 50.1 75.1



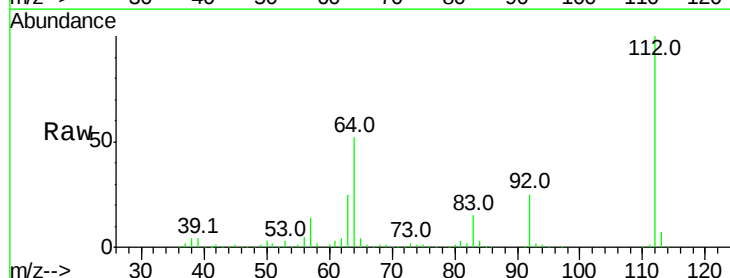
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



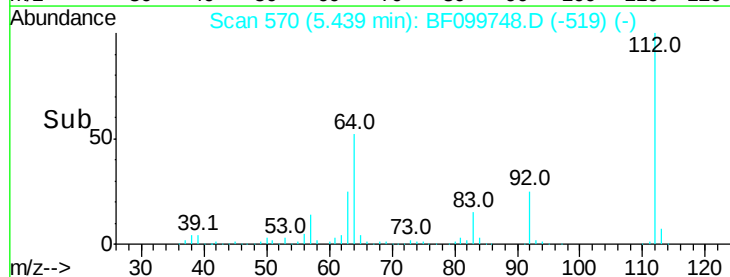
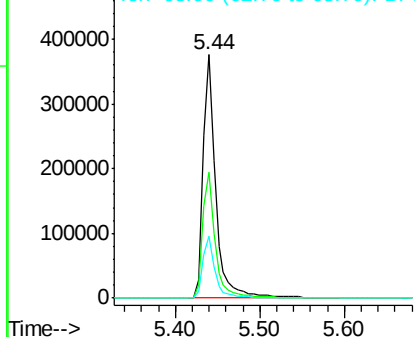
#5

2-Fluorophenol
Concen: 59.998 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099748.D
Acq: 22 Oct 2017 1:37

Tgt Ion:112 Resp: 388434
Ion Ratio Lower Upper
112 100
64 51.9 47.9 71.9
63 25.4 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: 37.778 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099748.D

Acq: 22 Oct 2017 1:37

Instrument :

BNA_F

ClientSampleId :

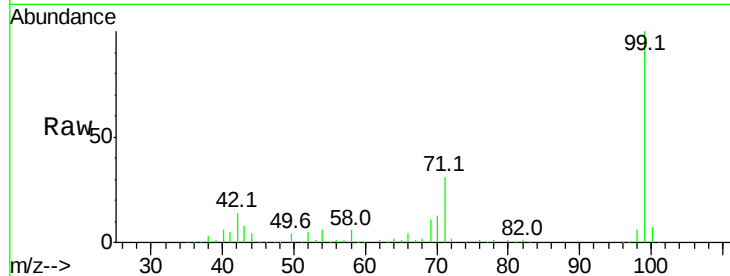
Tot Ion: 99 Resp: 301718

Ion Ratio Lower Upper

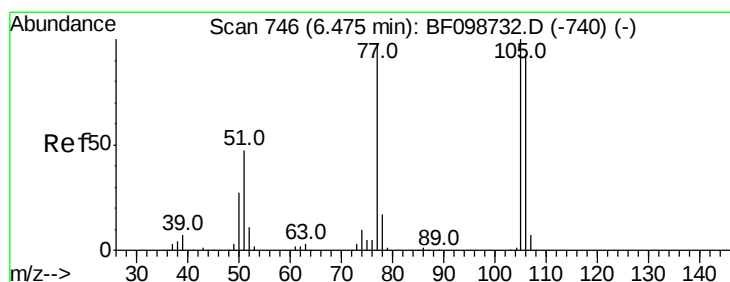
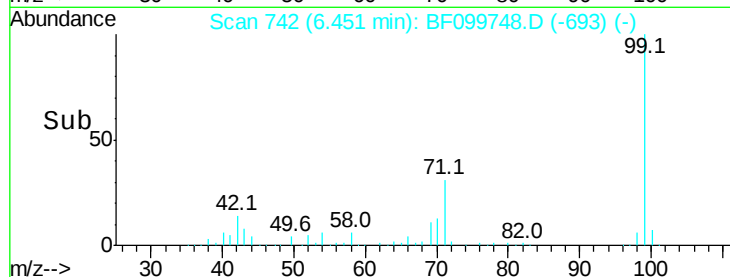
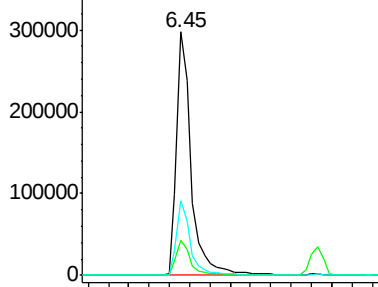
99 100

42 14.3 14.5 21.7#

71 30.7 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: 2.525 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099748.D

Acq: 22 Oct 2017 1:37

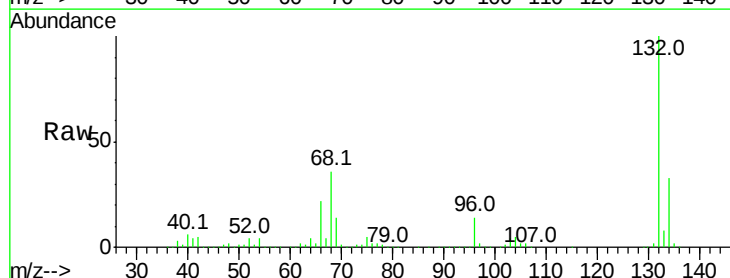
Tgt Ion: 77 Resp: 11700

Ion Ratio Lower Upper

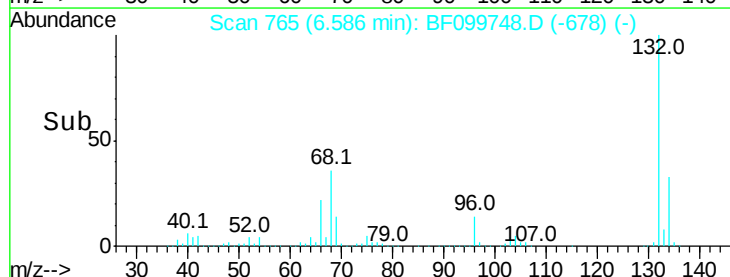
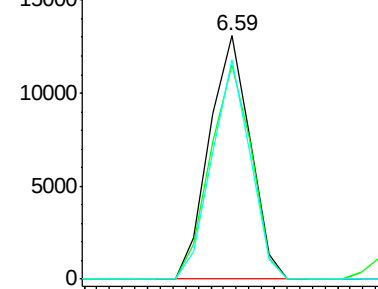
77 100

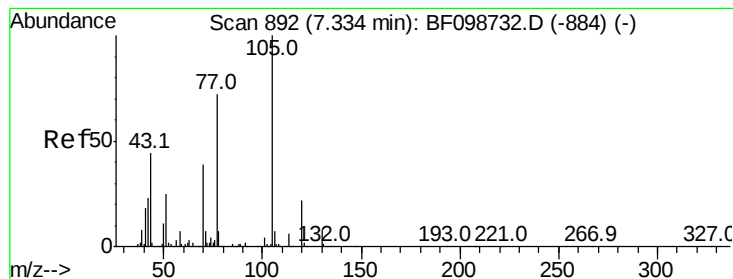
105 88.1 81.1 121.1

106 90.1 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: 13.162 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF099748.D

Acq: 22 Oct 2017 1:37

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 67113

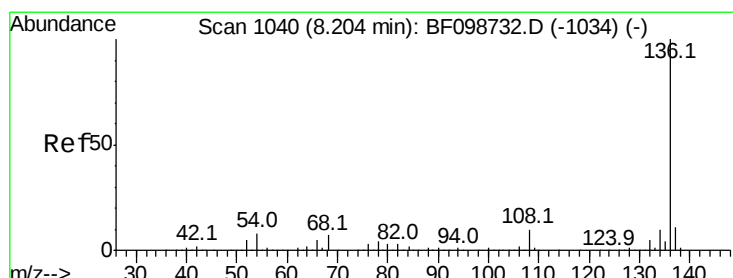
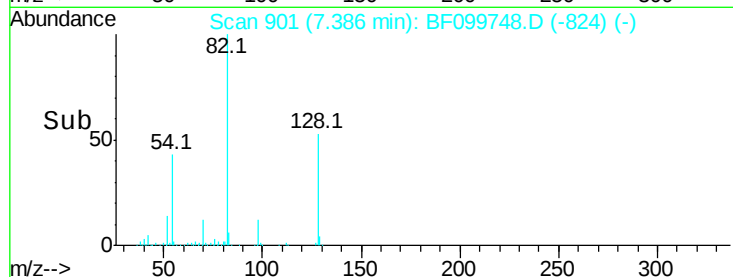
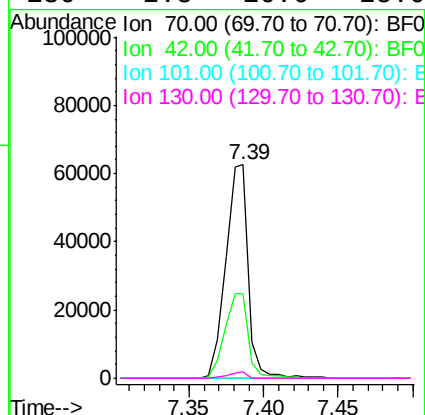
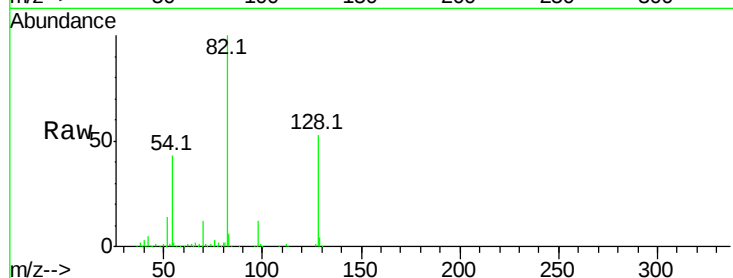
Ion	Ratio	Lower	Upper
70	100		
42	39.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#

70 100

42 39.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099748.D

Acq: 22 Oct 2017 1:37

Tgt Ion: 136 Resp: 422782

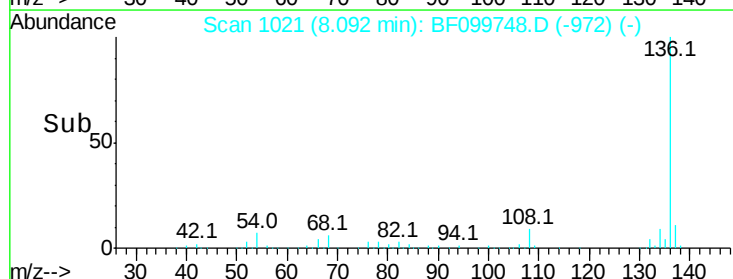
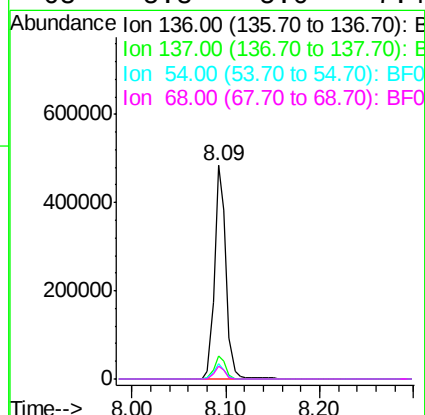
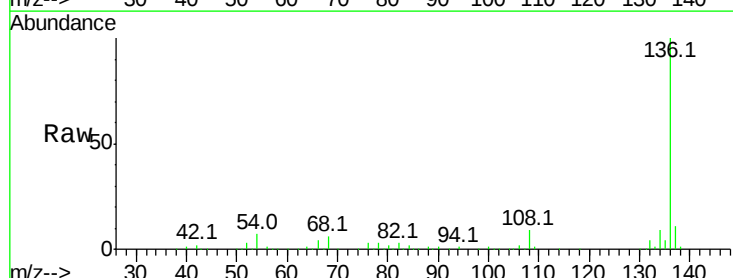
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.8	5.0	7.4

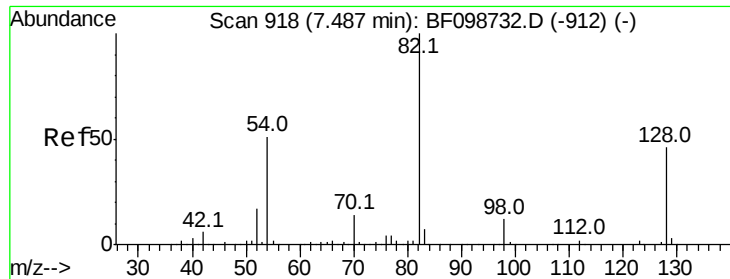
136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

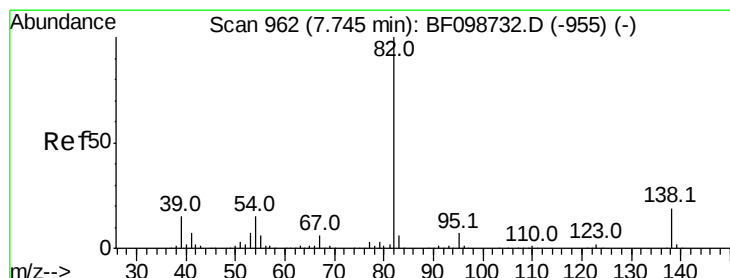
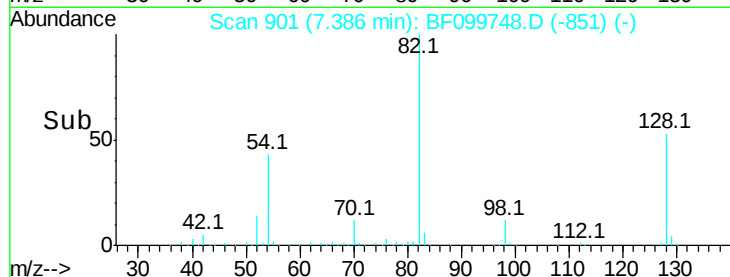
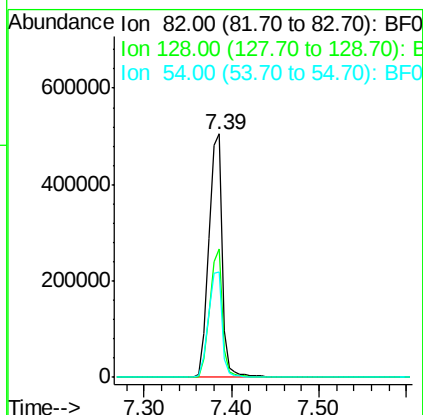
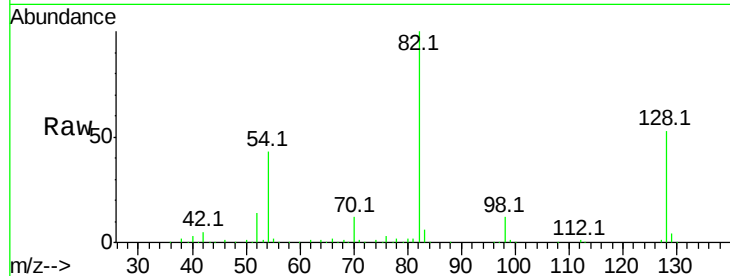




#23
Nitrobenzene-d5
Concen: 82.030 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099748.D
Acq: 22 Oct 2017 1:37

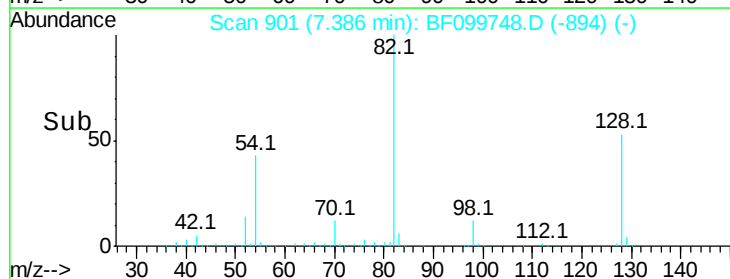
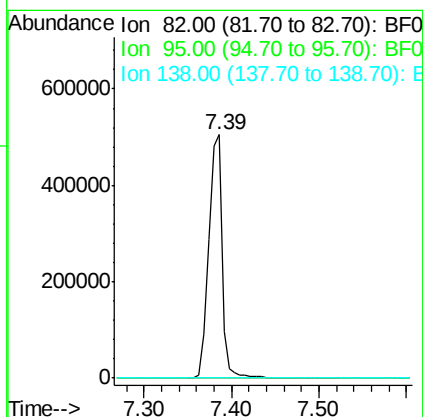
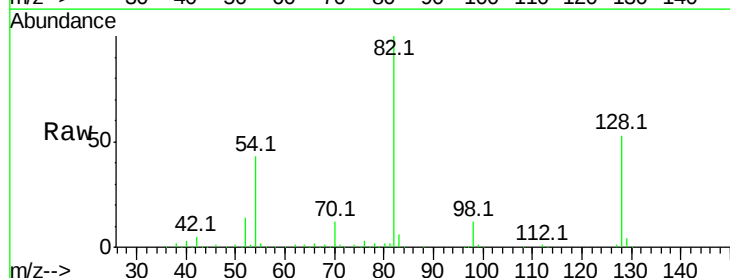
Instrument :
BNA_F
ClientSampleId :

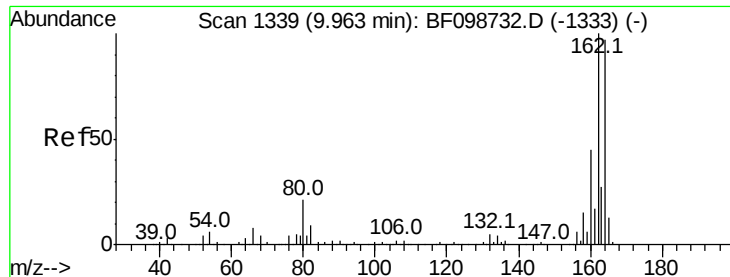
Tot Ion: 82 Resp: 540790
Ion Ratio Lower Upper
82 100
128 52.7 36.1 54.1
54 43.2 41.4 62.2



#25
Isophorone
Concen: 39.676 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF099748.D
Acq: 22 Oct 2017 1:37

Tgt Ion: 82 Resp: 540790
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

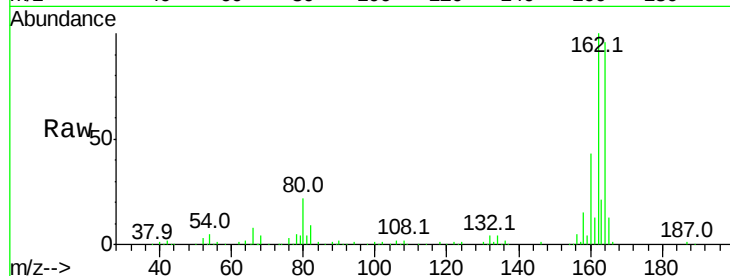




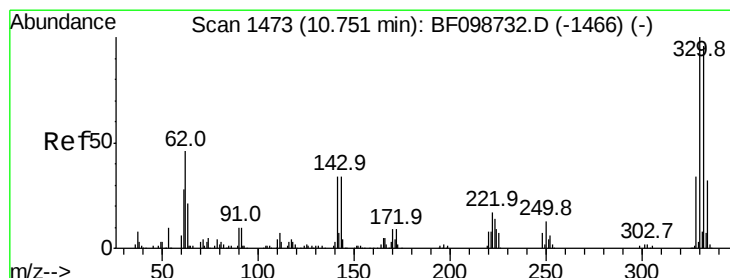
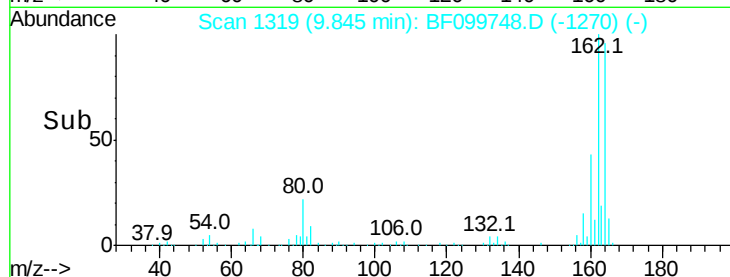
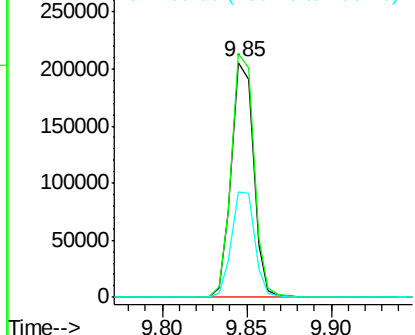
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099748.D
 Acq: 22 Oct 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 188767
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 44.8 38.3 57.5

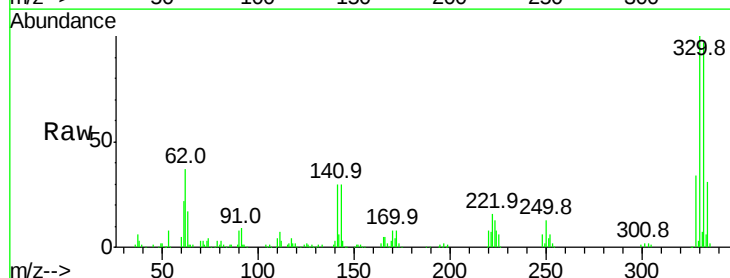


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

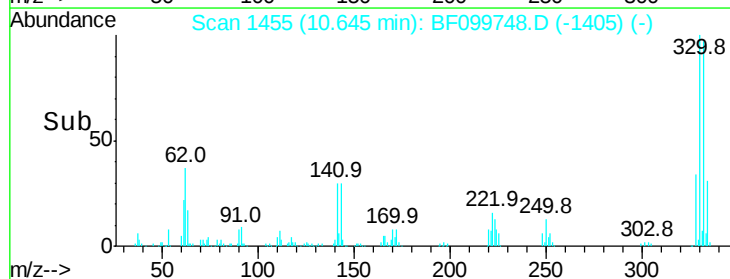
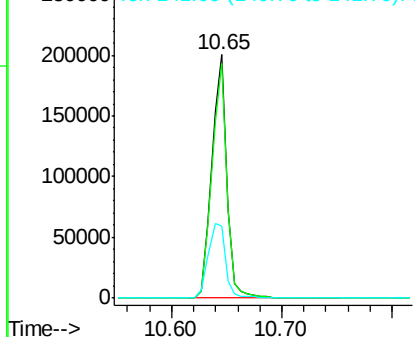


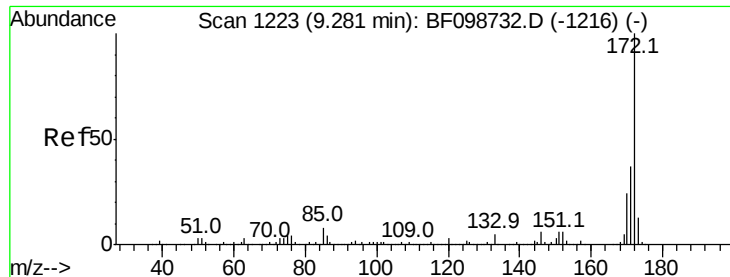
#41
 2,4,6-Tribromophenol
 Concen: 119.627 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099748.D
 Acq: 22 Oct 2017 1:37

Tgt Ion:330 Resp: 184779
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 35.4 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: 93.335 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF099748.D

Acq: 22 Oct 2017 1:37

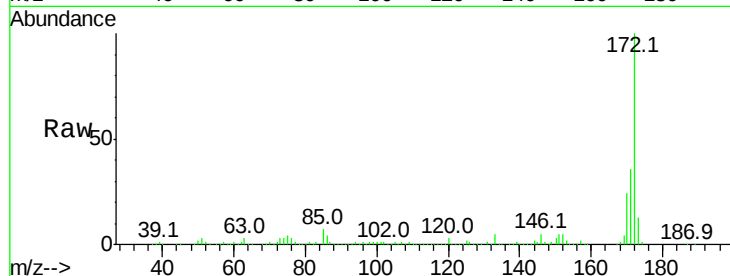
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1055371

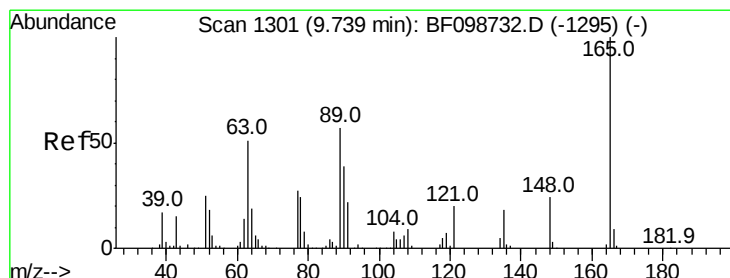
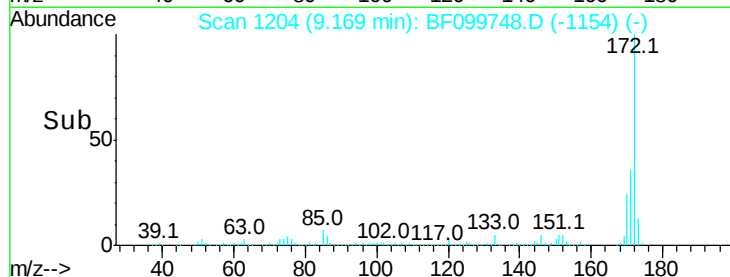
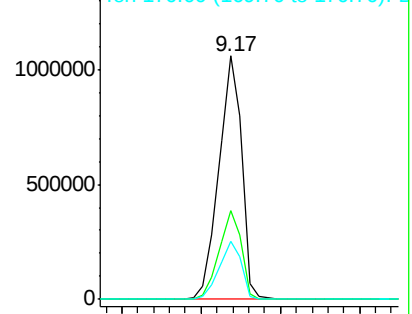
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



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: 7.708 ng

RT: 9.85 min Scan# 1319

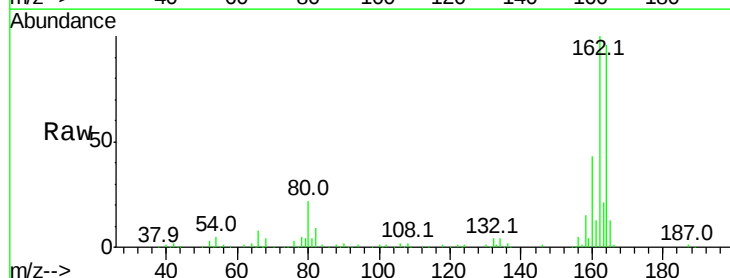
Delta R.T. 0.19 min

Lab File: BF099748.D

Acq: 22 Oct 2017 1:37

Tgt Ion:165 Resp: 23908

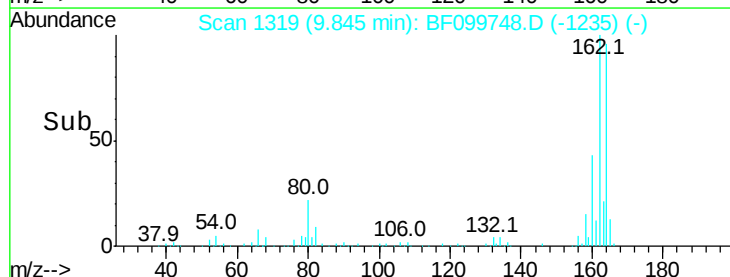
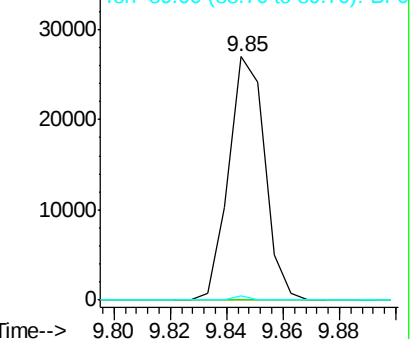
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#

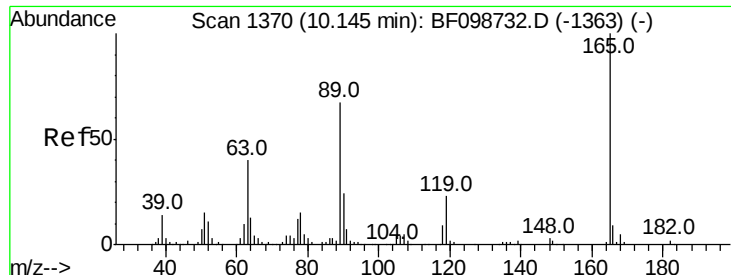


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

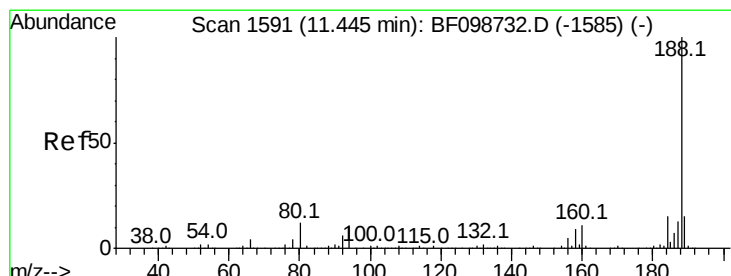
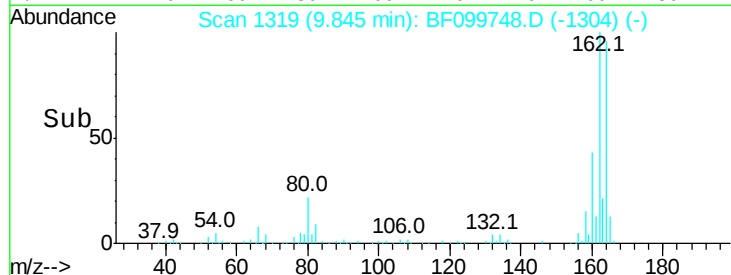
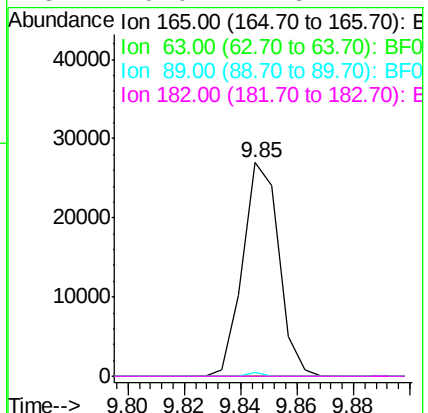
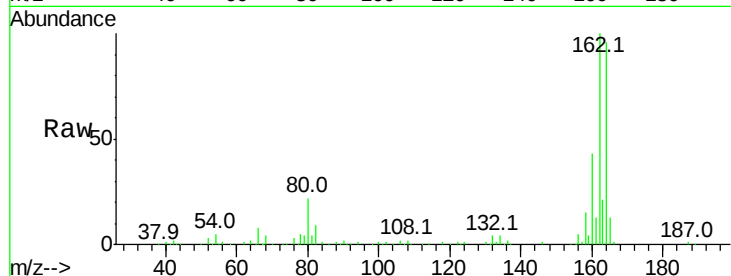




#56
 2,4-Dinitrotoluene
 Concen: 5.939 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF099748.D
 Acq: 22 Oct 2017 1:37

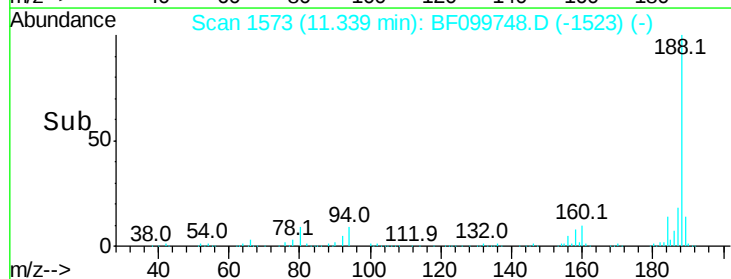
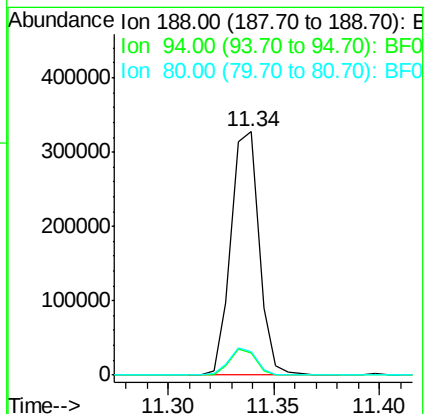
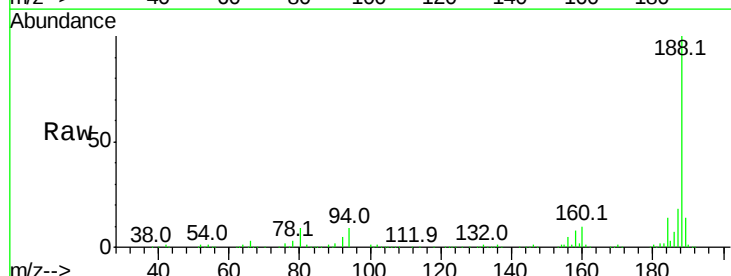
Instrument :
 BNA_F
 ClientSampleId :

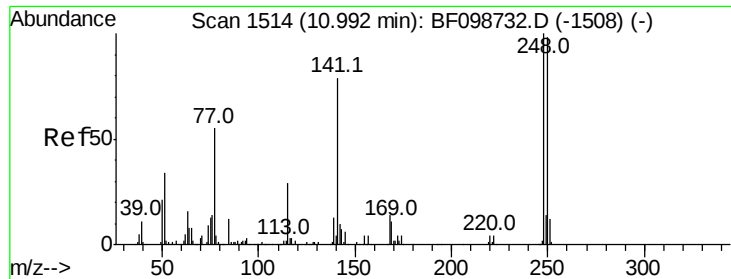
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099748.D
 Acq: 22 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.4	9.2	13.8

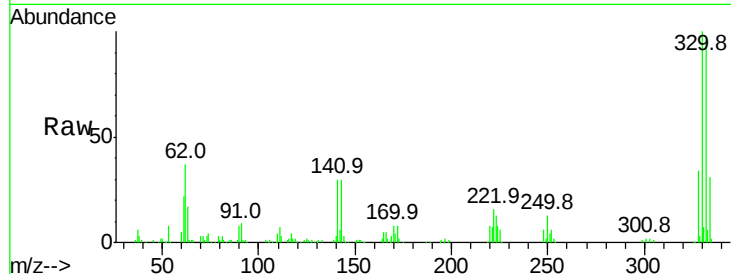




#66
 4-Bromophenyl-phenylether
 Concen: 4.140 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.24 min
 Lab File: BF099748.D
 Acq: 22 Oct 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	200.5	76.9	115.3#
141	467.6	74.4	111.6#

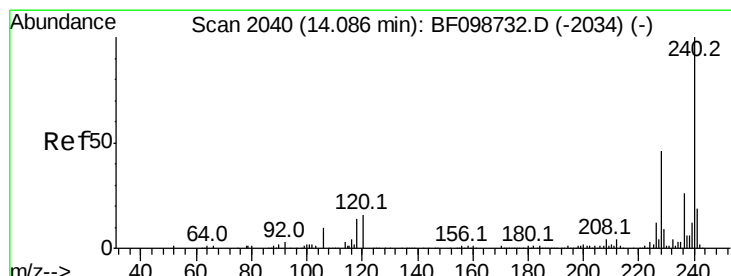
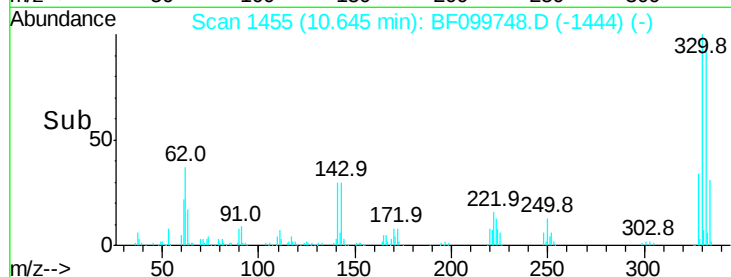
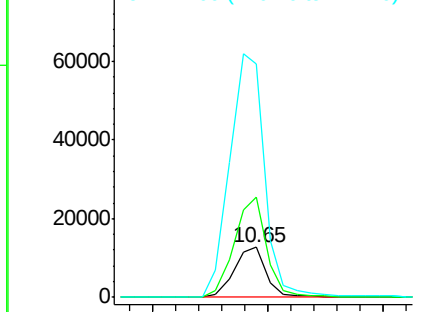


Abundance

Ion 248.00 (247.70 to 248.70): E

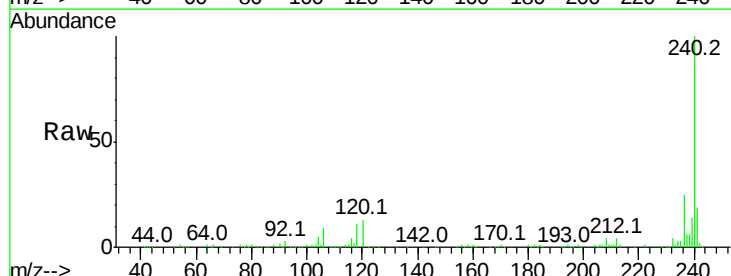
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099748.D
 Acq: 22 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.2	20.7	31.1

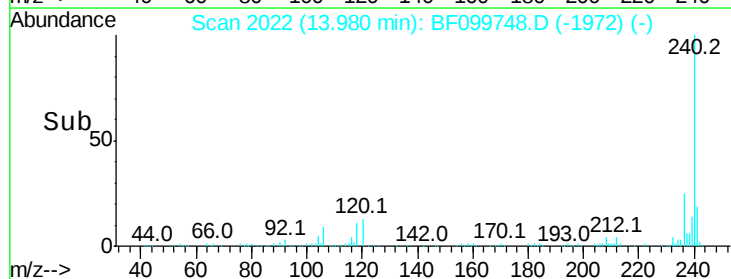
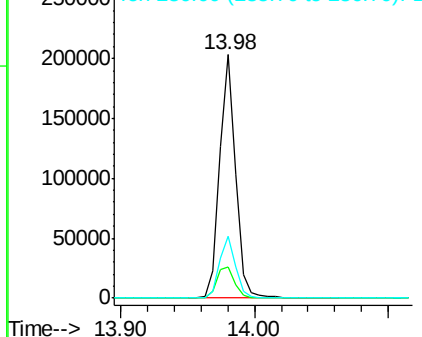


Abundance

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: 87.965 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099748.D

Acq: 22 Oct 2017 1:37

Instrument :

BNA_F

ClientSampled :

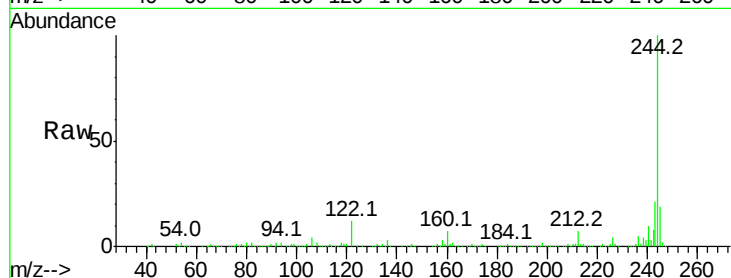
Tot Ion:244 Resp: 666402

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

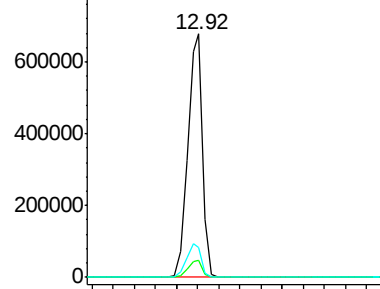
122 12.1 11.0 16.4



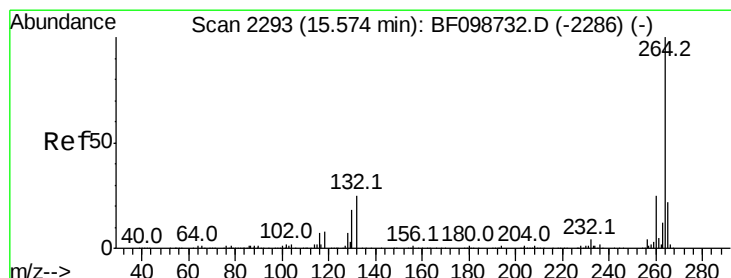
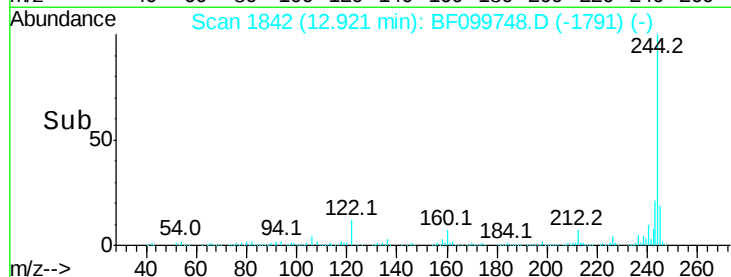
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF099748.D

Acq: 22 Oct 2017 1:37

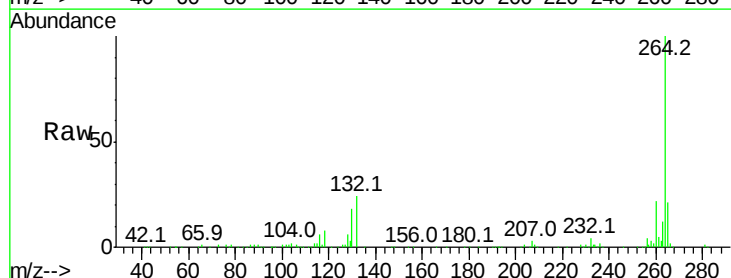
Tgt Ion:264 Resp: 182919

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

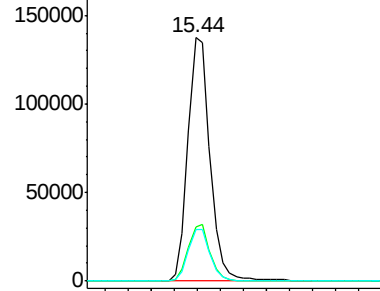
265 20.9 17.5 26.3



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



Time-->

