

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101547.D
 Acq On : 20 Dec 2017 3:37
 Operator : SJ/JU
 Sample : I6974-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCK-2

Quant Time: Dec 20 07:05:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

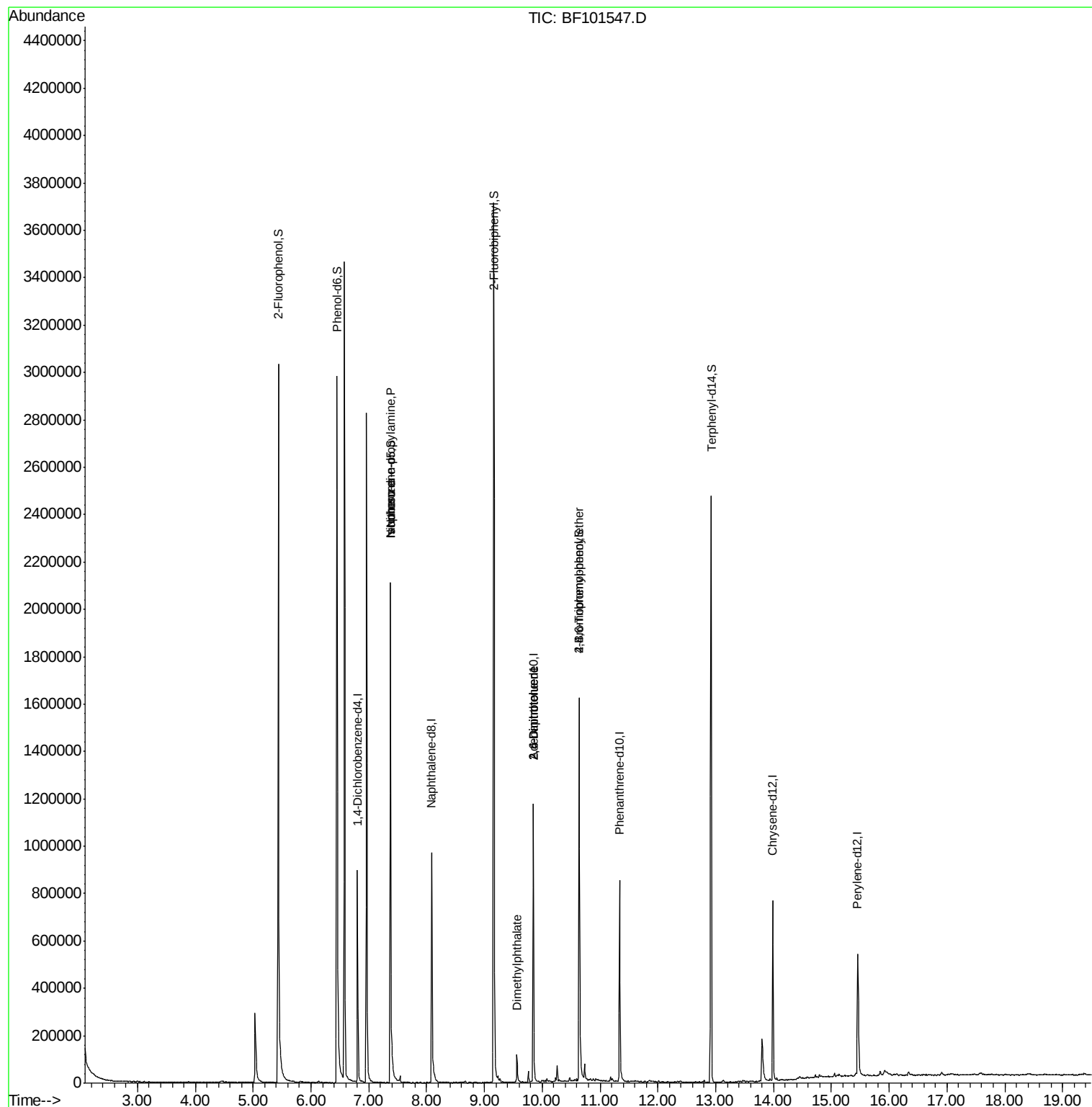
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144163	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	578334	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	240504	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	384317	20.00	ng	0.00
75) Chrysene-d12	13.99	240	288454	20.00	ng	0.00
86) Perylene-d12	15.46	264	299332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1019819	105.37	ng	0.01
7) Phenol-d6	6.45	99	1245843	103.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	812526	78.21	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	217062	93.66	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1310138	84.50	ng	0.00
78) Terphenyl-d14	12.92	244	914199	76.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	109882	13.891	ng	# 81
25) Isophorone	7.37	82	812520	38.985	ng	# 64
49) Dimethylphthalate	9.56	163	55726	2.881	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	30263	7.697	ng	# 27
56) 2,4-Dinitrotoluene	9.85	165	30263	6.832	ng	# 24
66) 4-Bromophenyl-phenylether	10.64	248	13667	3.165	ng	# 1

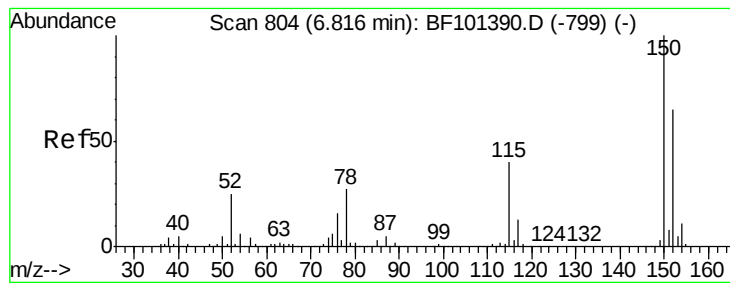
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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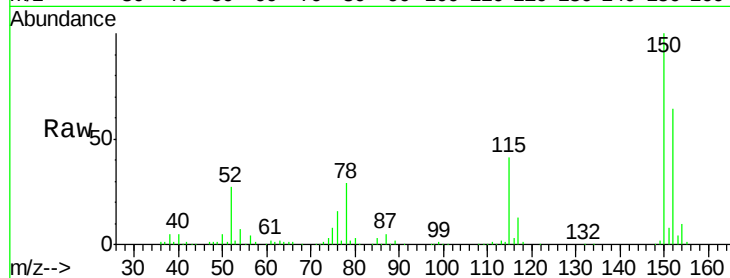


#1

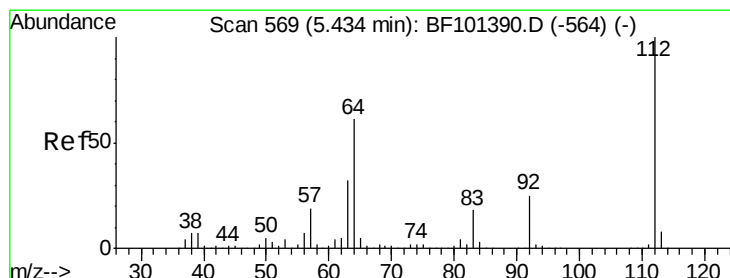
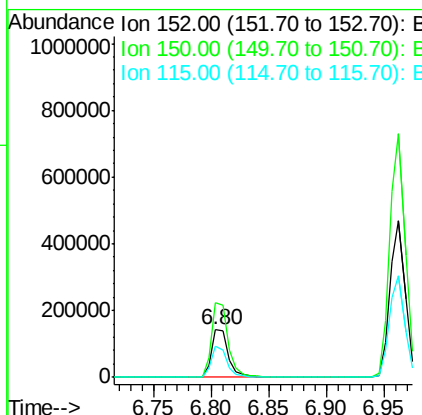
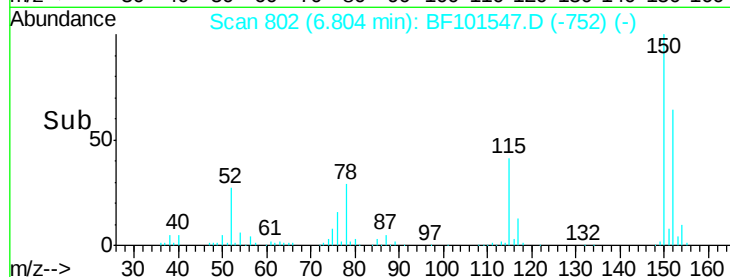
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101547.D
Acq: 20 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :
DOCK-2

Tot Ion:152 Resp: 144163
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 65.0 50.1 75.1



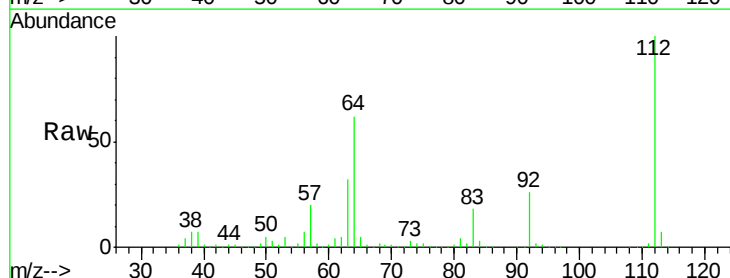
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



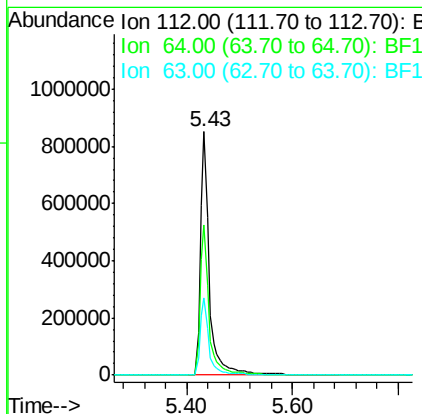
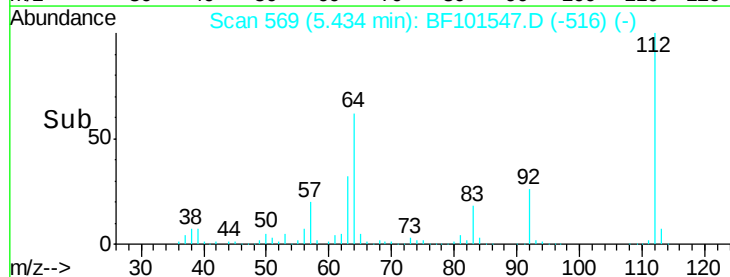
#5

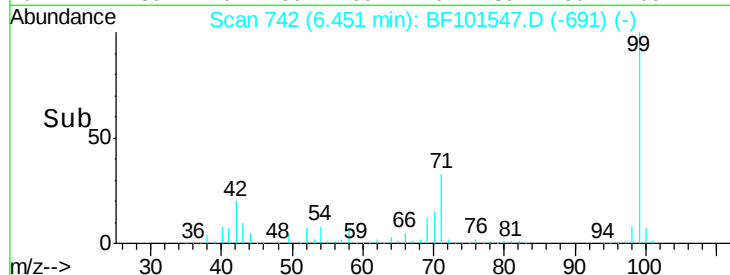
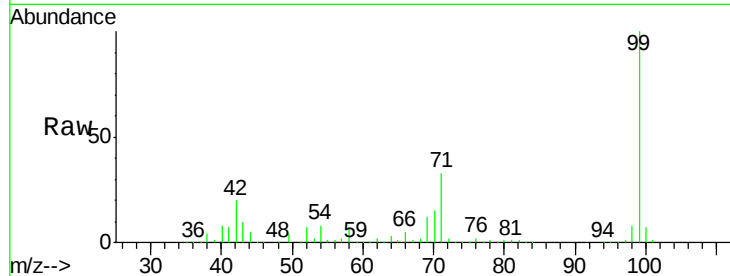
2-Fluorophenol
Concen: 105.374 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101547.D
Acq: 20 Dec 2017 3:37

Tgt Ion:112 Resp: 1019819
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.434 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101547.D

Acq: 20 Dec 2017 3:37

Instrument :

BNA_F

ClientSampled :

DOCK-2

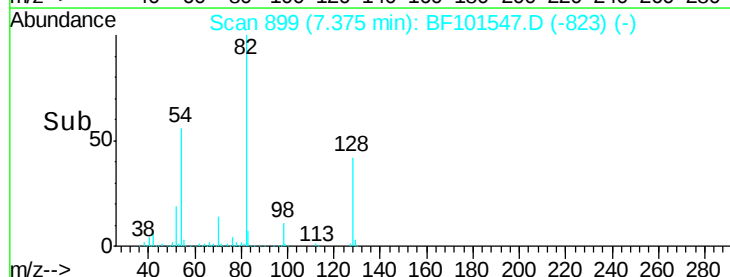
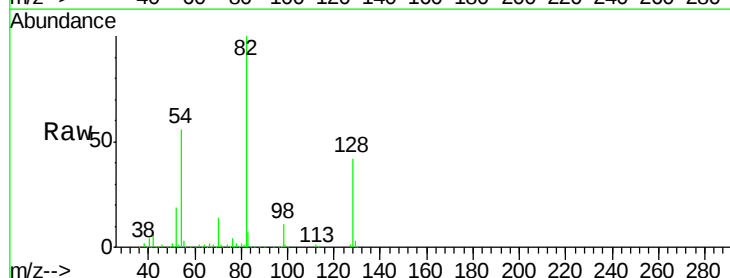
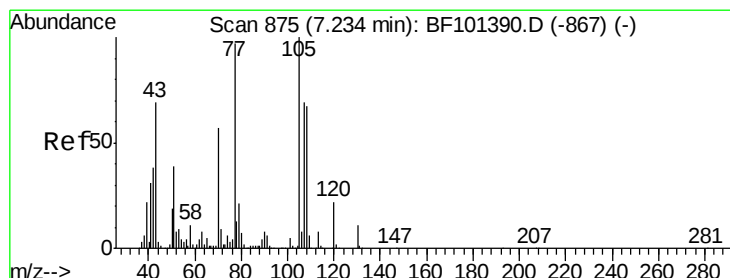
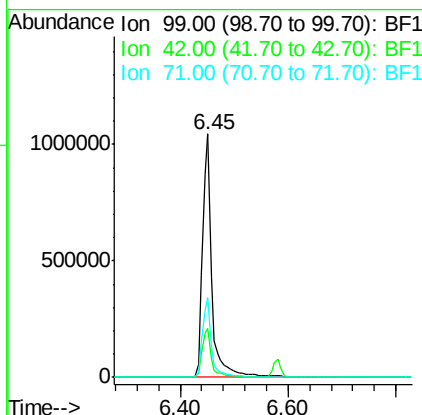
Tot Ion: 99 Resp: 1245843

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.891 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF101547.D

Acq: 20 Dec 2017 3:37

Tgt Ion: 70 Resp: 109882

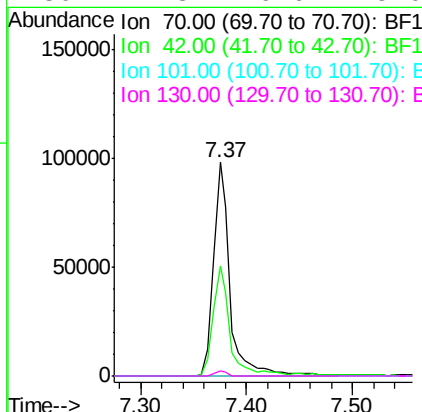
Ion Ratio Lower Upper

70 100

42 51.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

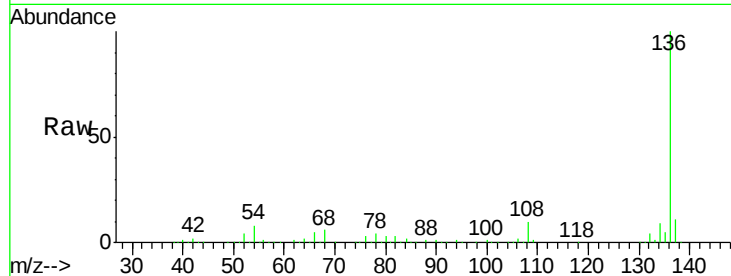




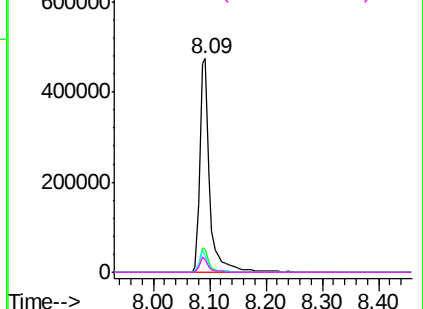
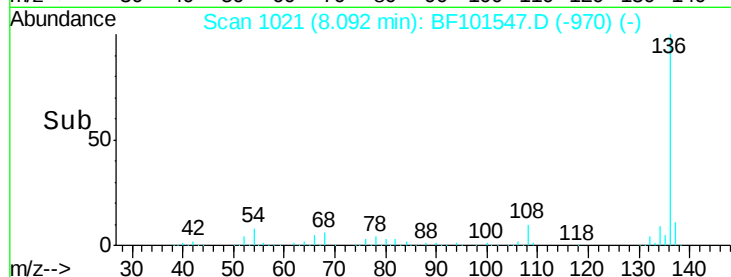
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101547.D
Acq: 20 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :
DOCK-2

Tot Ion:	136	Resp:	578334
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	6.6	9.8
68	6.1	5.0	7.4

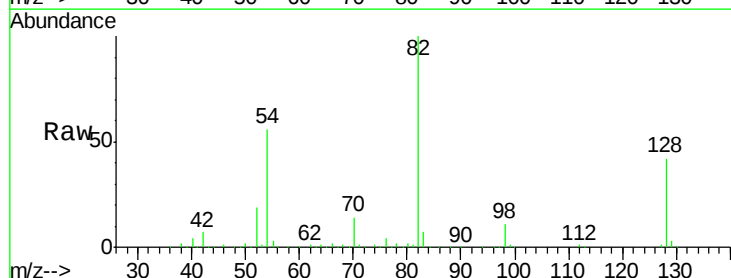


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

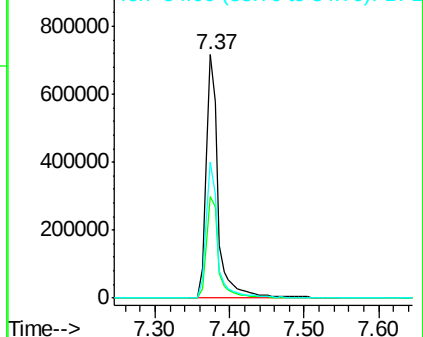
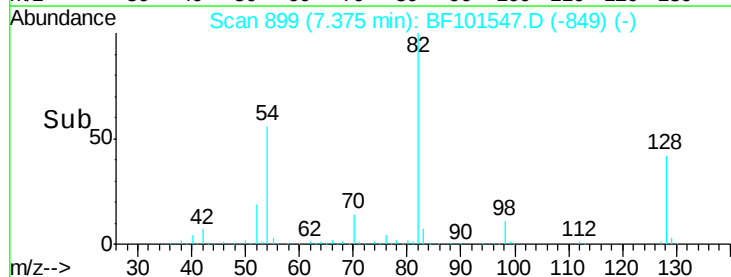


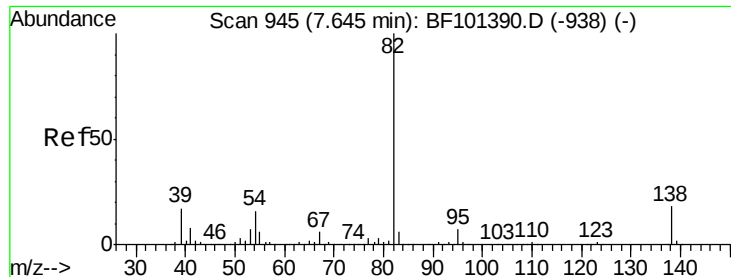
#23
Nitrobenzene-d5
Concen: 78.207 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101547.D
Acq: 20 Dec 2017 3:37

Tgt Ion:	82	Resp:	812526
Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	56.0	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.985 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF101547.D

Acq: 20 Dec 2017 3:37

Instrument :

BNA_F

ClientSampleId :

DOCK-2

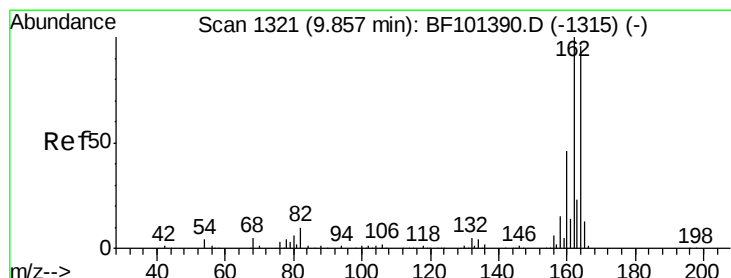
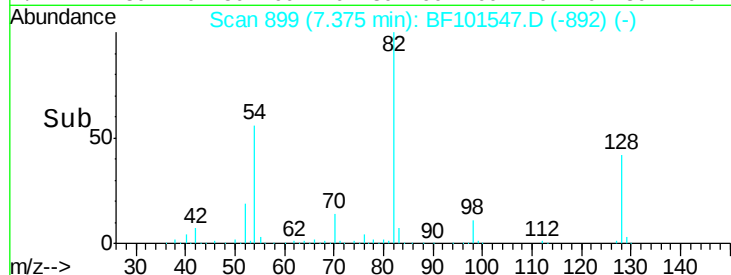
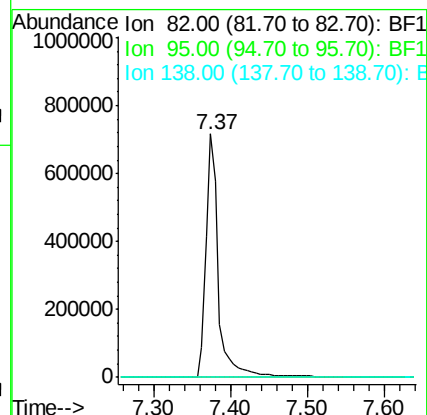
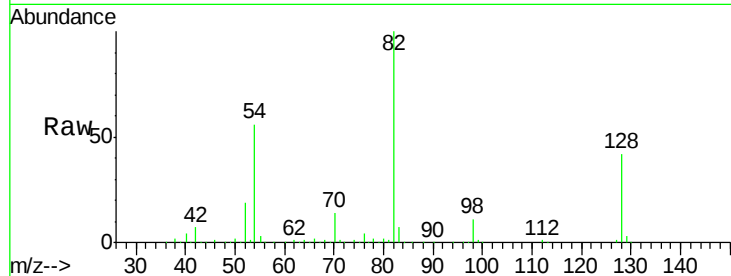
Tot Ion: 82 Resp: 812520

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. -0.00 min

Lab File: BF101547.D

Acq: 20 Dec 2017 3:37

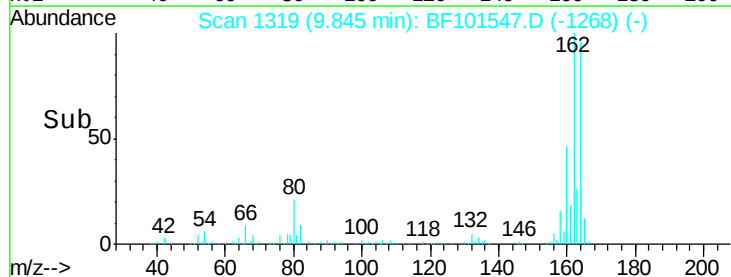
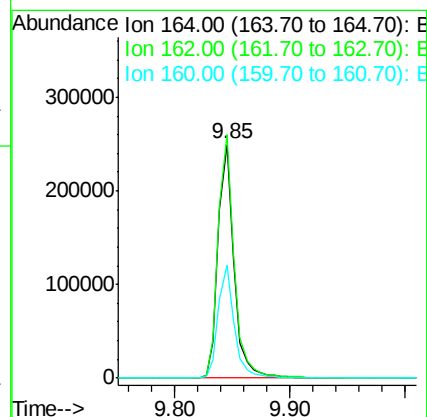
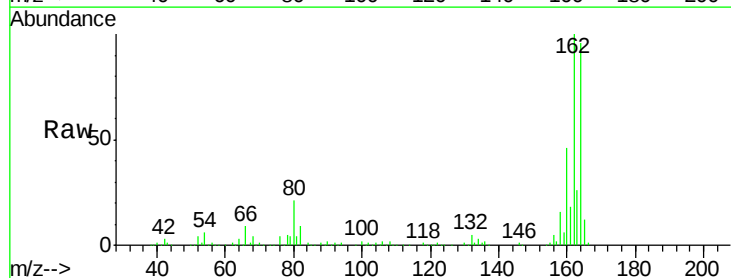
Tgt Ion: 164 Resp: 240504

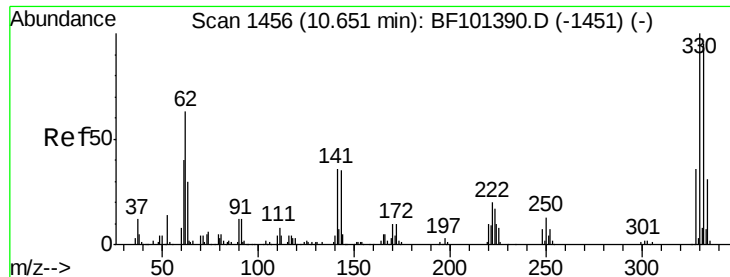
Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

160 48.1 38.3 57.5

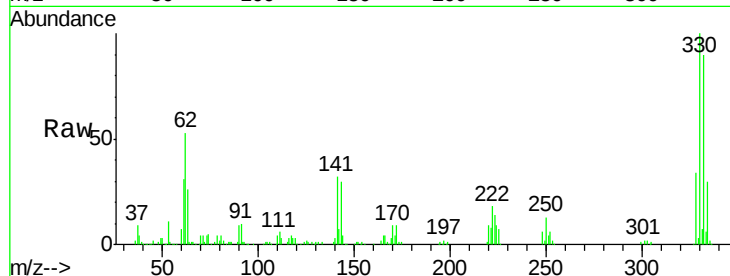




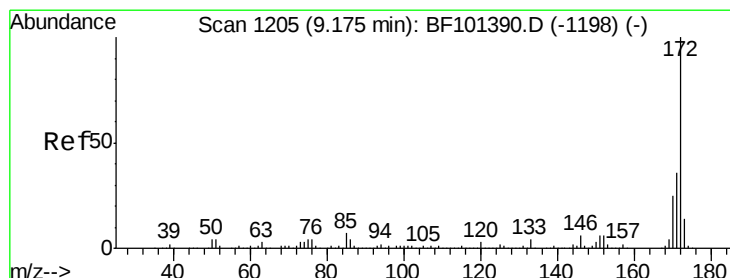
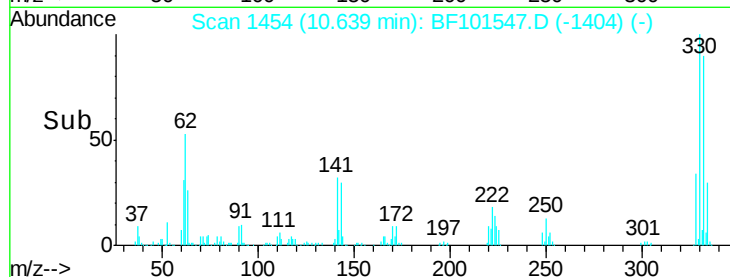
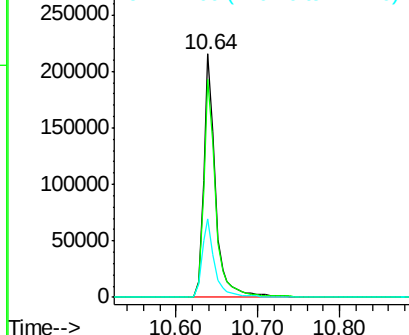
#41
 2,4,6-Tribromophenol
 Concen: 93.664 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101547.D
 Acq: 20 Dec 2017 3:37

Instrument :
 BNA_F
 ClientSampleId :
 DOCK-2

Tot Ion:330 Resp: 217062
 Ion Ratio Lower Upper
 330 100
 332 92.1 77.0 115.6
 141 34.5 29.9 44.9

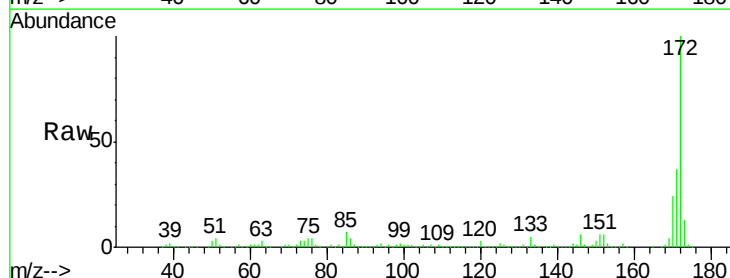


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

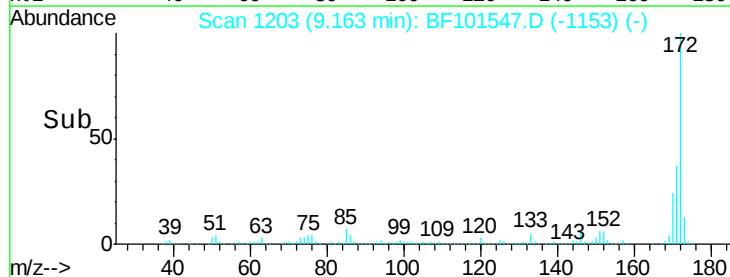
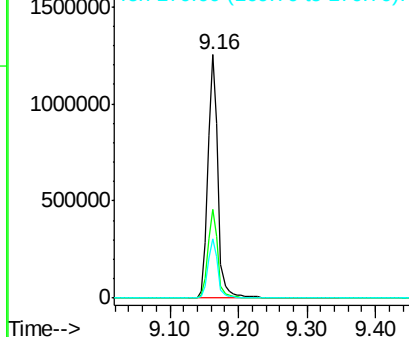


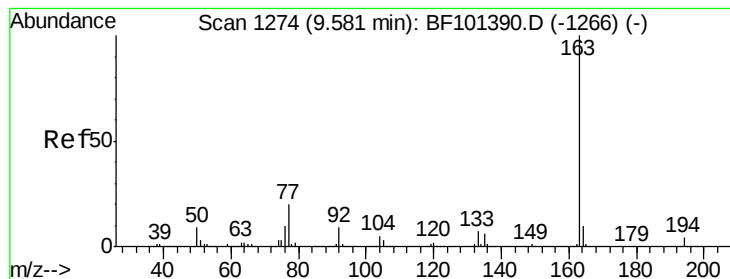
#44
 2-Fluorobiphenyl
 Concen: 84.503 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101547.D
 Acq: 20 Dec 2017 3:37

Tgt Ion:172 Resp: 1310138
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.5 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: 2.881 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF101547.D

Acq: 20 Dec 2017 3:37

Instrument :

BNA_F

ClientSampleId :

DOCK-2

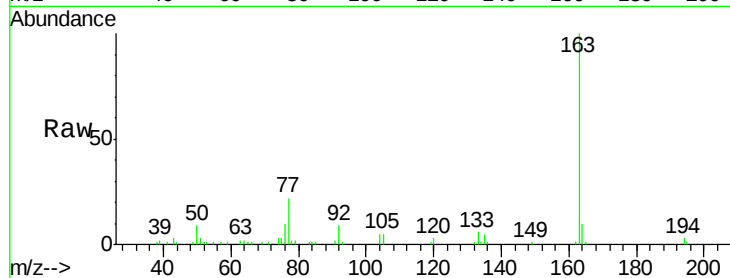
Tot Ion:163 Resp: 55726

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

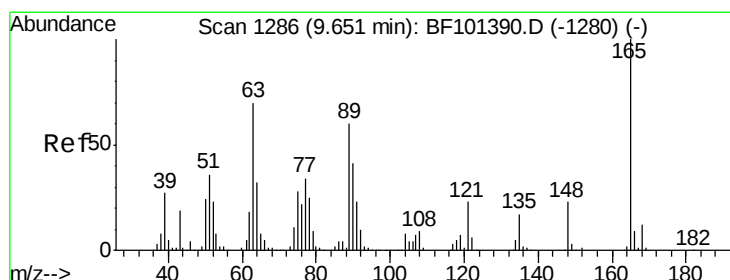
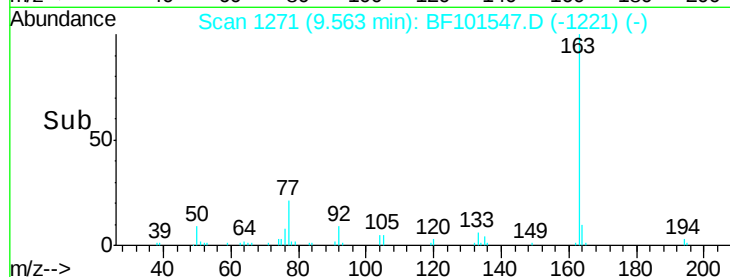
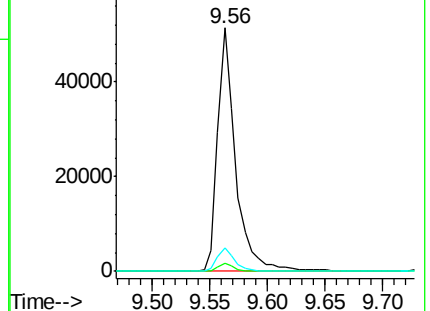
164 9.7 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.697 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF101547.D

Acq: 20 Dec 2017 3:37

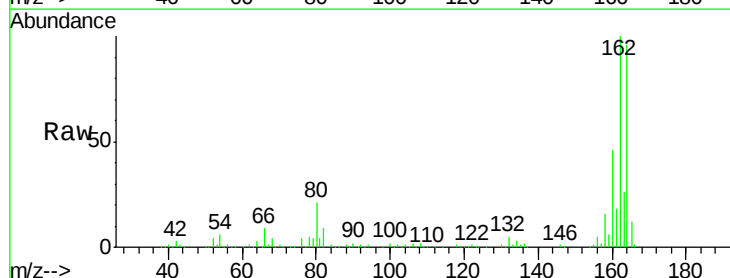
Tgt Ion:165 Resp: 30263

Ion Ratio Lower Upper

165 100

63 2.2 44.7 67.1#

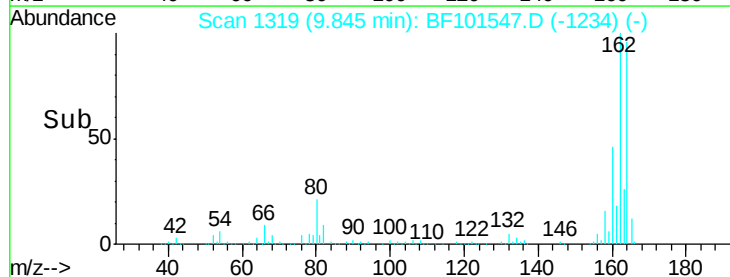
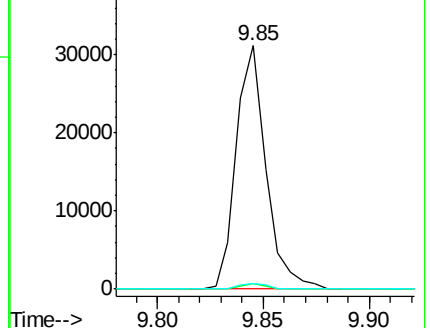
89 2.3 44.0 66.0#

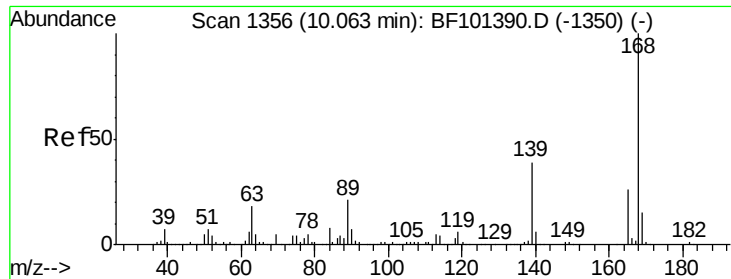


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

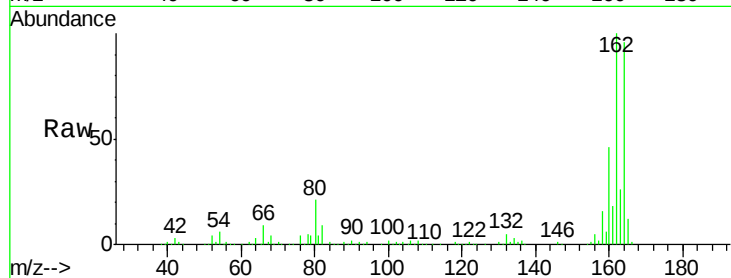




#56
 2,4-Dinitrotoluene
 Concen: 6.832 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101547.D
 Acq: 20 Dec 2017 3:37

Instrument :
 BNA_F
 ClientSampleId :
 DOCK-2

Tot Ion:165	Resp:	30263
Ion Ratio	Lower	Upper
165	100	
63	2.2	36.4 54.6#
89	2.3	57.8 86.6#
182	0.0	1.6 2.4#

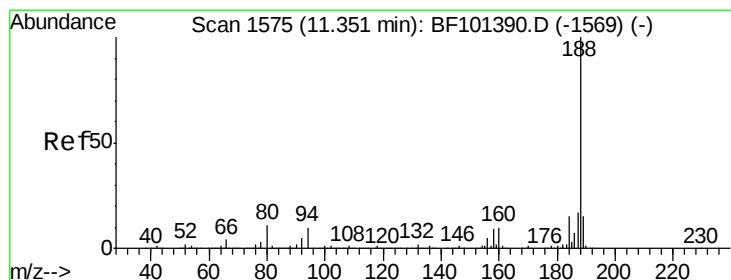
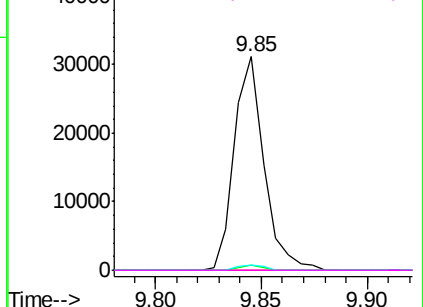
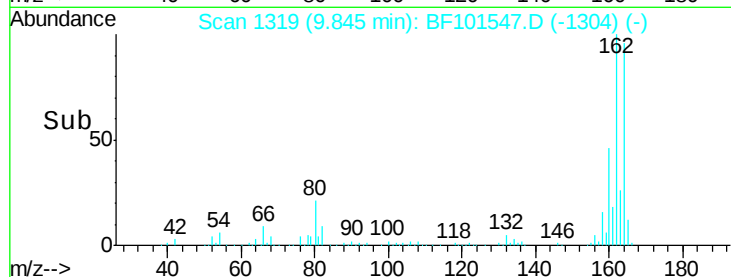


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

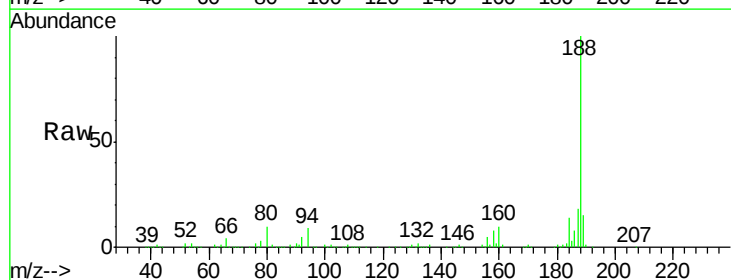
Ion 89.00 (88.70 to 89.70): BF1

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. -0.00 min
 Lab File: BF101547.D
 Acq: 20 Dec 2017 3:37

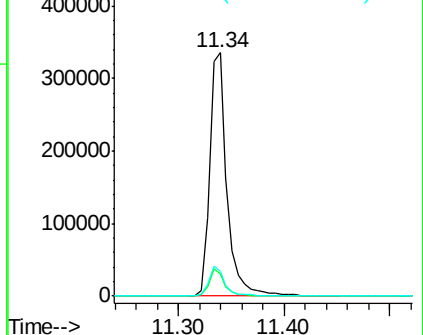
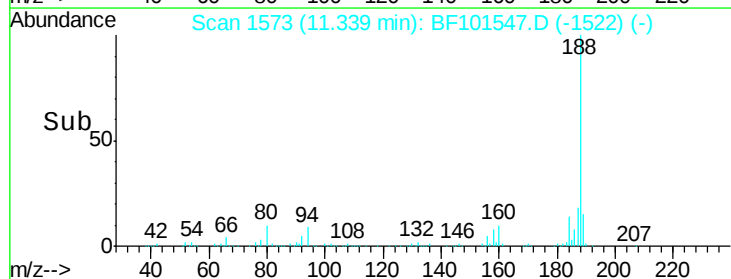
Tgt Ion:188	Resp:	384317
Ion Ratio	Lower	Upper
188	100	
94	9.3	8.5 12.7
80	10.4	9.2 13.8

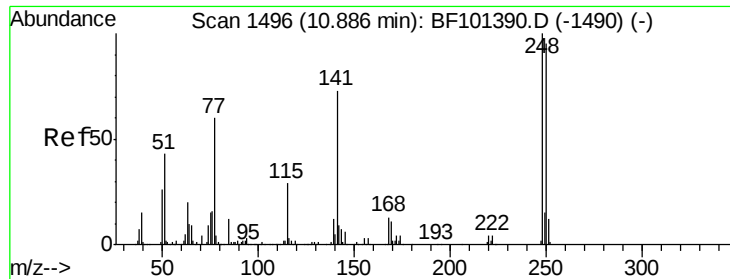


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

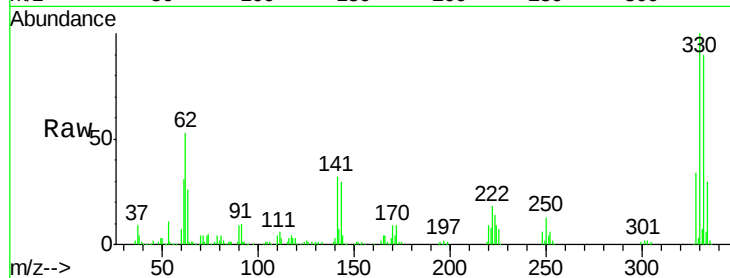




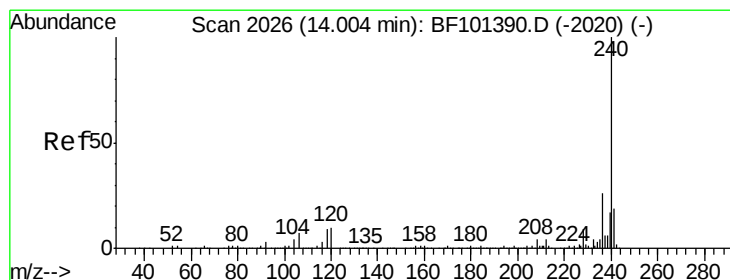
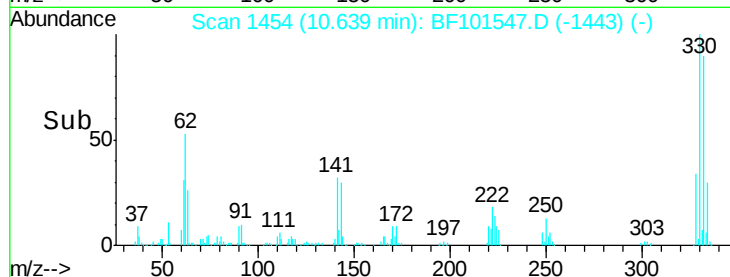
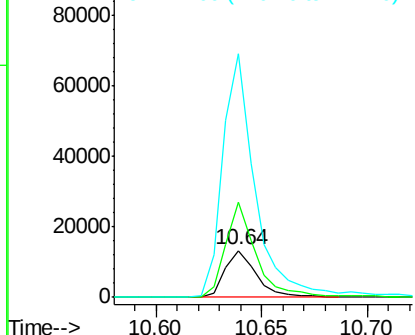
#66
4-Bromophenyl-phenylether
Concen: 3.165 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101547.D
Acq: 20 Dec 2017 3:37

Instrument :
BNA_F
ClientSampleId :
DOCK-2

Tot Ion:248 Resp: 13667
Ion Ratio Lower Upper
248 100
250 203.2 76.9 115.3#
141 517.5 74.4 111.6#

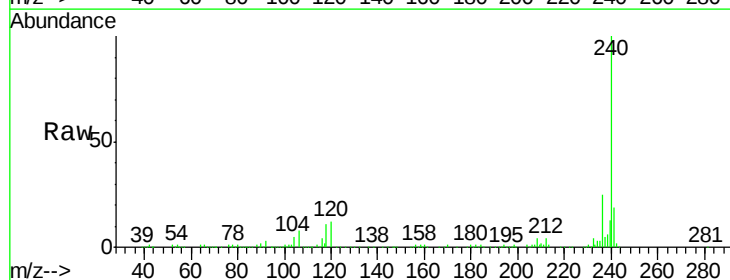


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

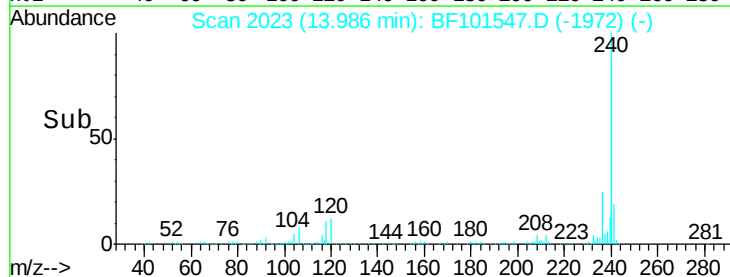
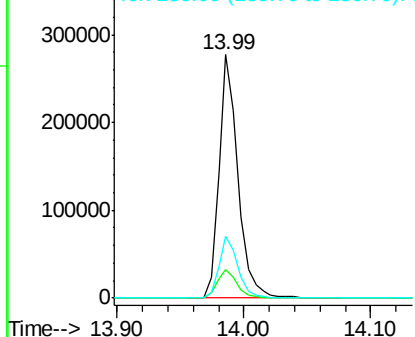


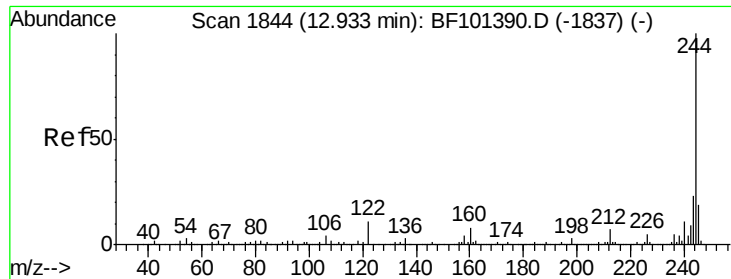
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101547.D
Acq: 20 Dec 2017 3:37

Tgt Ion:240 Resp: 288454
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.4 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: 76.405 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101547.D

Acq: 20 Dec 2017 3:37

Instrument :

BNA_F

ClientSampleId :

DOCK-2

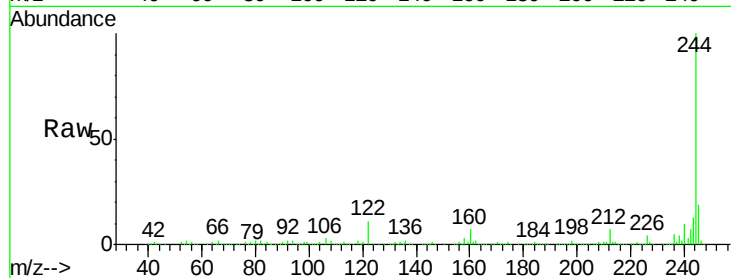
Tot Ion:244 Resp: 914199

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

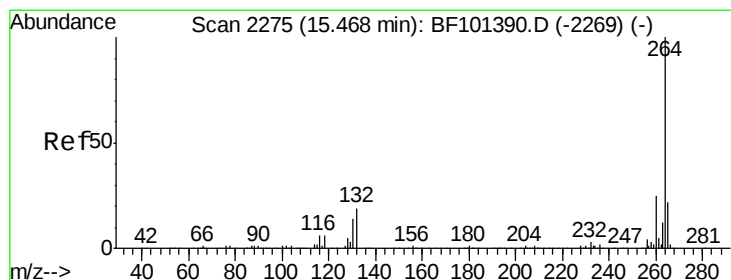
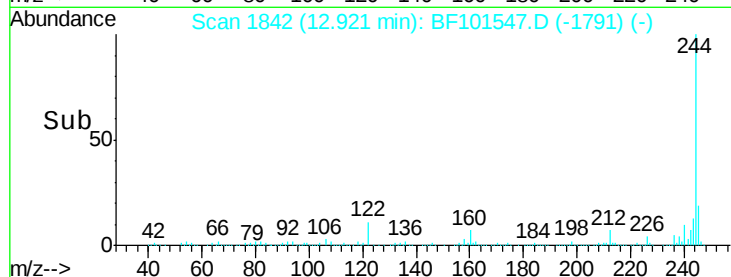
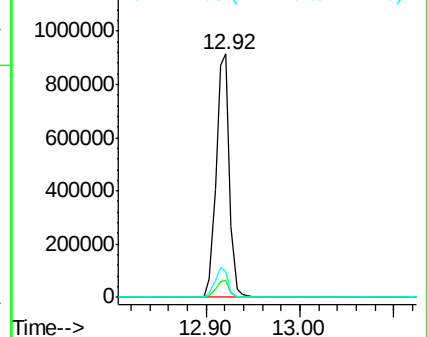
122 10.8 11.0 16.4#



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: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101547.D

Acq: 20 Dec 2017 3:37

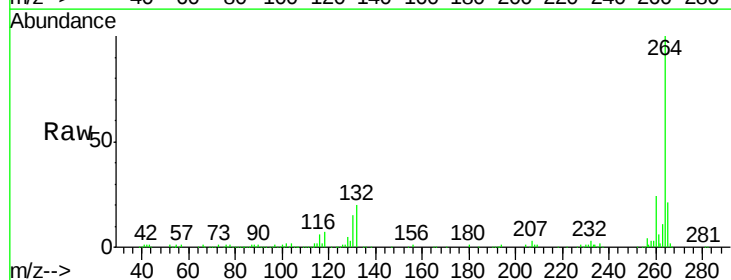
Tgt Ion:264 Resp: 299332

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.7 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

