

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101546.D
 Acq On : 20 Dec 2017 3:10
 Operator : SJ/JU
 Sample : I6974-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCK-1

Quant Time: Dec 20 07:05:11 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

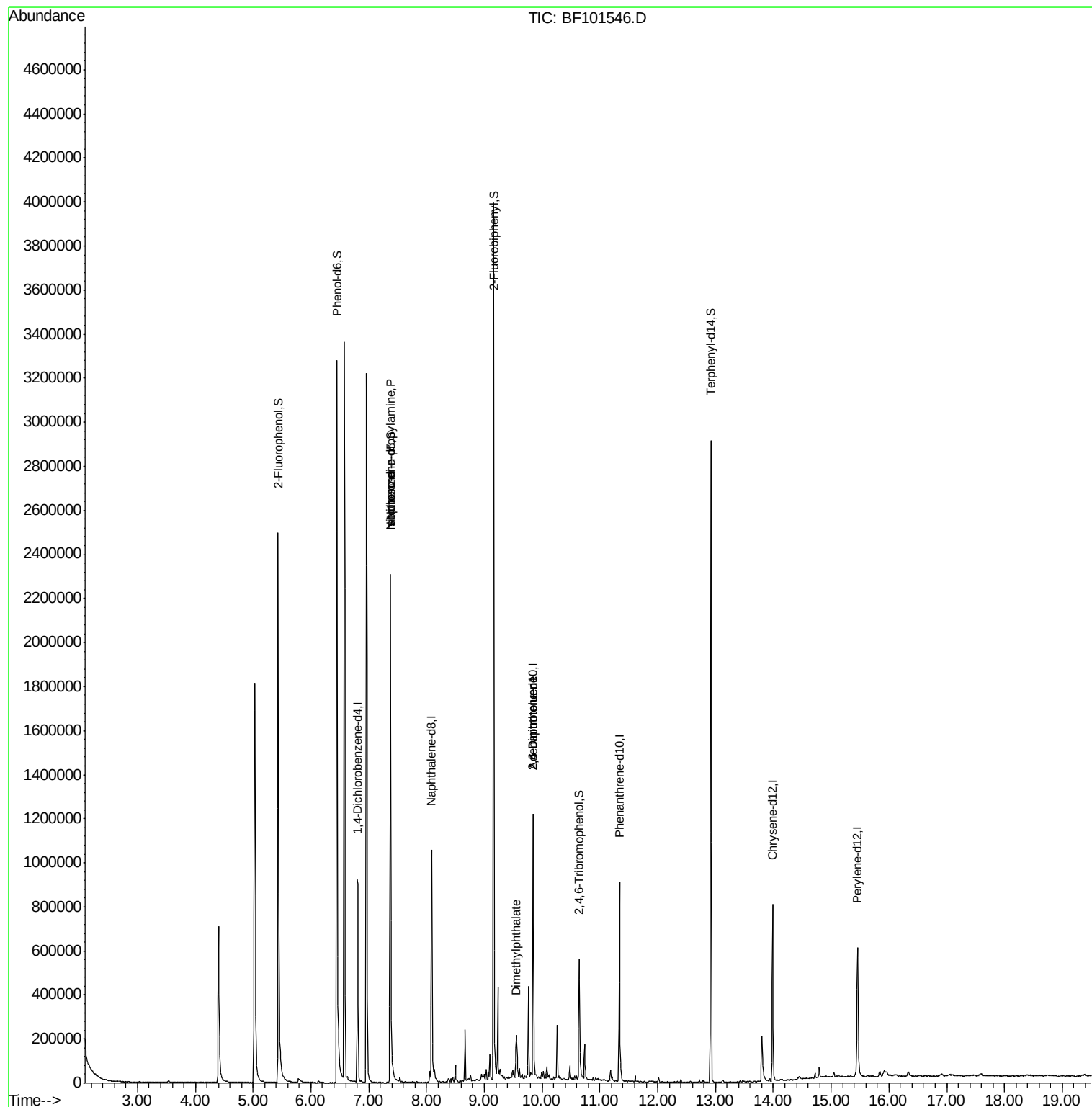
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	150840	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	600374	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	239037	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	386671	20.00	ng	0.00
75) Chrysene-d12	13.99	240	300635	20.00	ng	0.00
86) Perylene-d12	15.46	264	319004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	850312	83.97	ng	0.01
7) Phenol-d6	6.45	99	1385378	109.93	ng	0.00
23) Nitrobenzene-d5	7.38	82	964386	89.42	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	79330	34.44	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1462496	94.91	ng	0.00
78) Terphenyl-d14	12.92	244	1023856	82.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	129198	15.610	ng	# 79
25) Isophorone	7.38	82	964381	44.573	ng	# 64
49) Dimethylphthalate	9.56	163	65635	3.414	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	31411	8.038	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	31411	7.134	ng	# 23

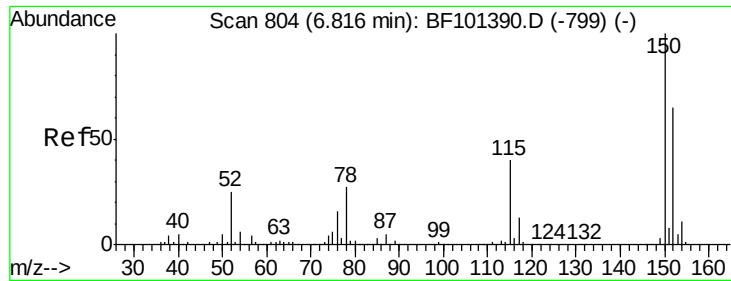
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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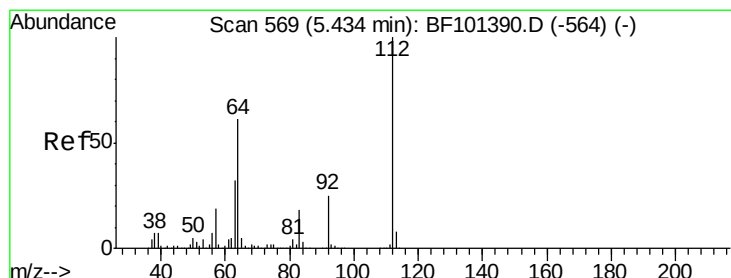
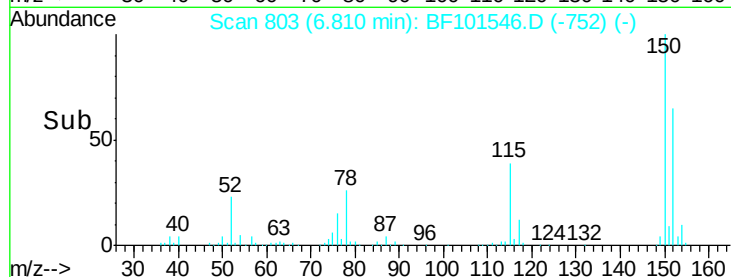
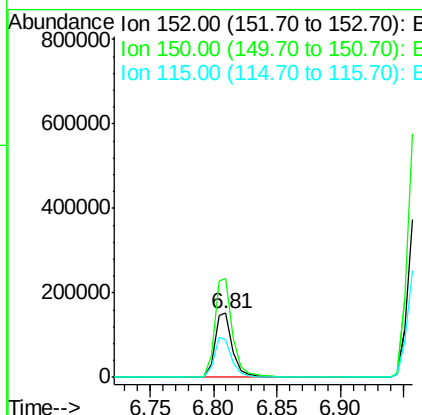
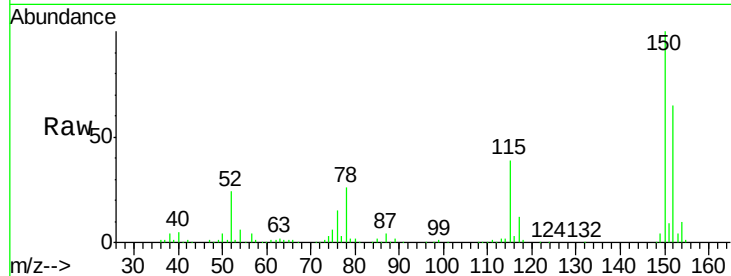


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101546.D
Acq: 20 Dec 2017 3:10

Instrument :
BNA_F
ClientSampleId :
DOCK-1

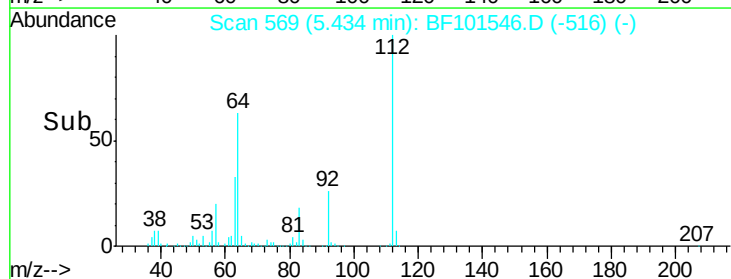
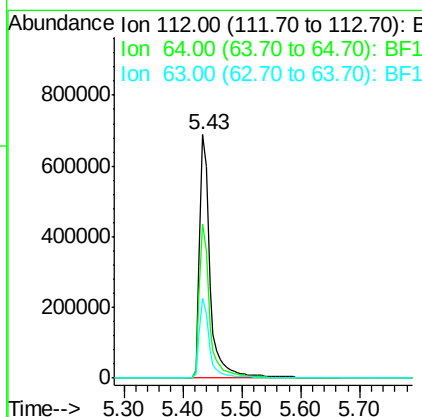
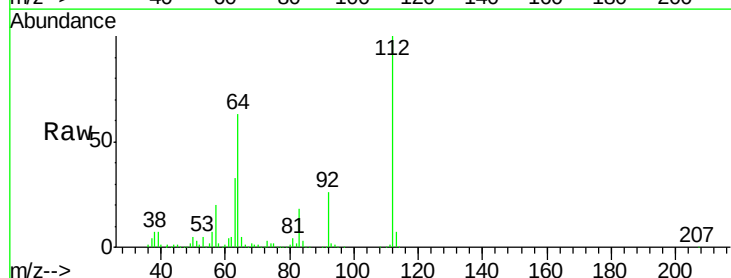
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	59.3	50.1	75.1

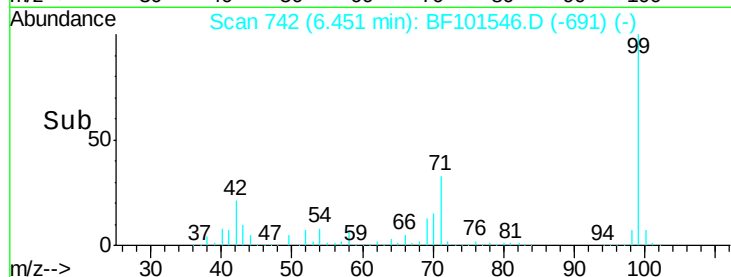
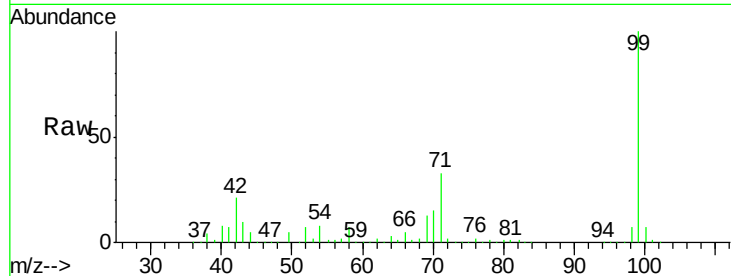
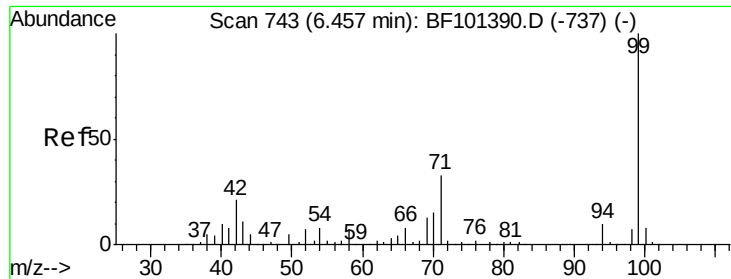


#5

2-Fluorophenol
Concen: 83.970 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101546.D
Acq: 20 Dec 2017 3:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	33.0	23.7	35.5





#7

Phenol-d6

Concen: 109.928 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101546.D

Acq: 20 Dec 2017 3:10

Instrument :

BNA_F

ClientSampled :

DOCK-1

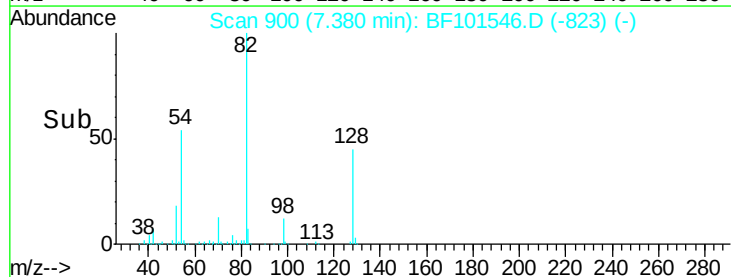
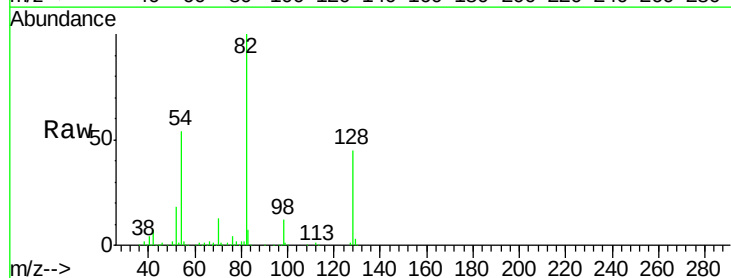
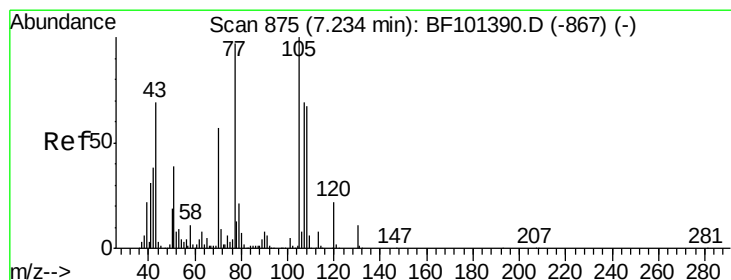
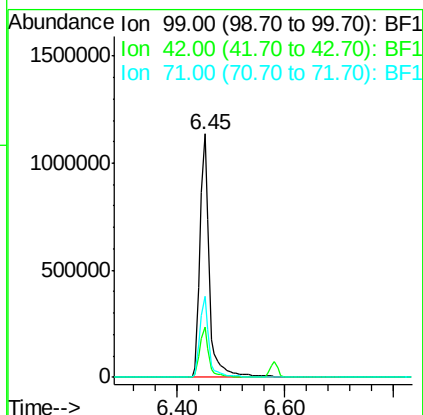
Tot Ion: 99 Resp: 1385378

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 33.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.610 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF101546.D

Acq: 20 Dec 2017 3:10

Tgt Ion: 70 Resp: 129198

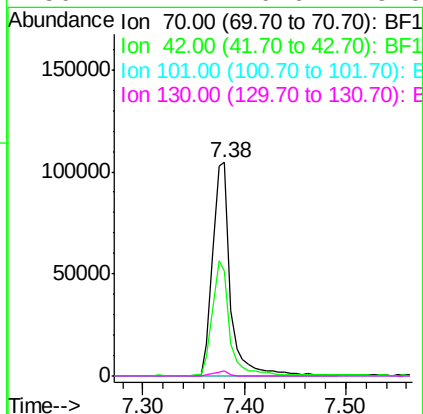
Ion Ratio Lower Upper

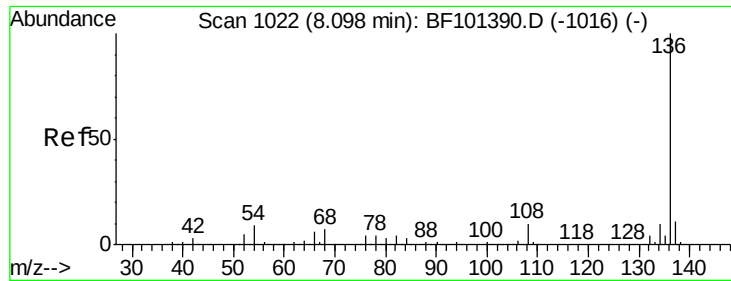
70 100

42 49.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

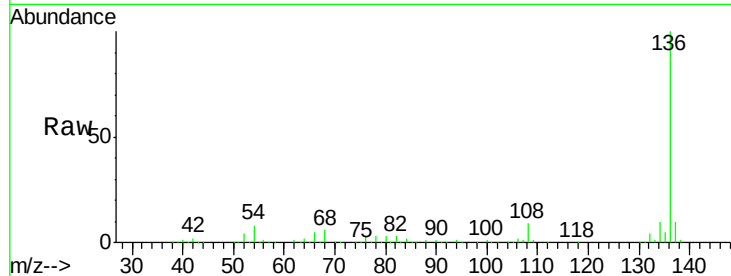




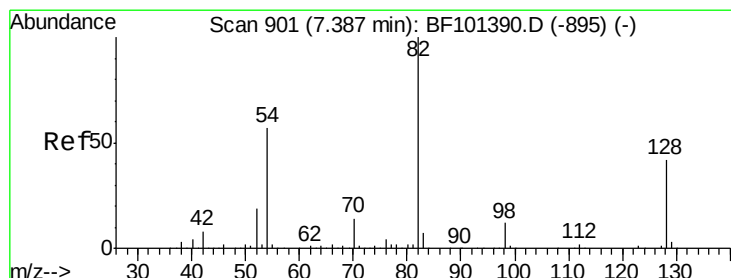
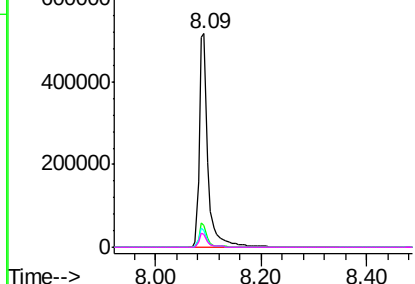
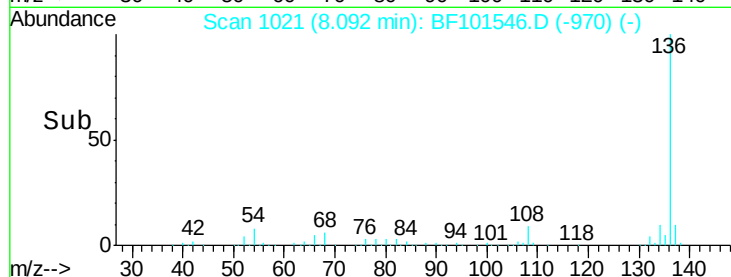
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101546.D
Acq: 20 Dec 2017 3:10

Instrument :
BNA_F
ClientSampleId :
DOCK-1

Tot Ion:136	Resp:	600374
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	7.9	6.6 9.8
68	6.2	5.0 7.4

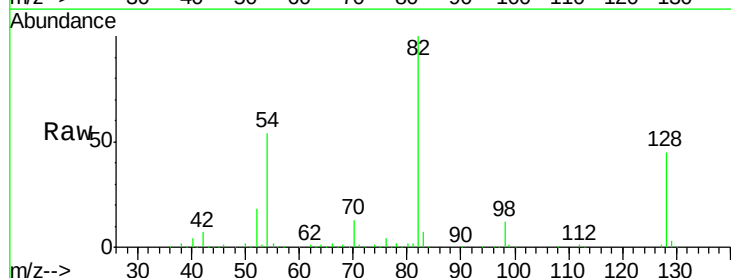


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

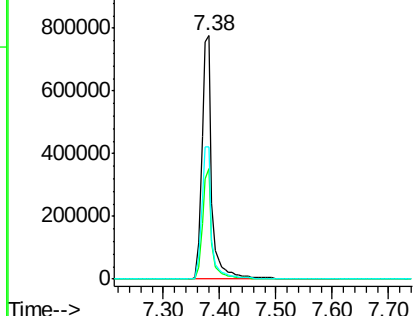
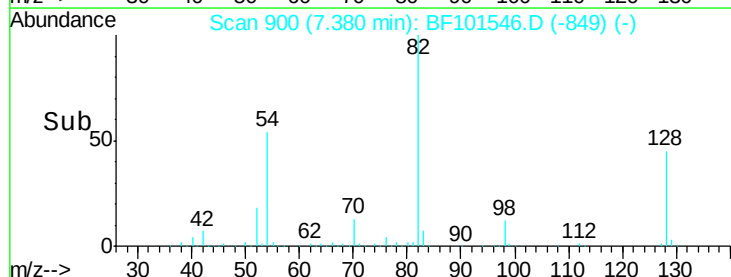


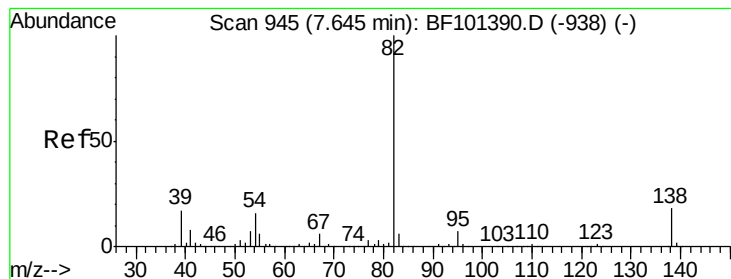
#23
Nitrobenzene-d5
Concen: 89.416 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101546.D
Acq: 20 Dec 2017 3:10

Tgt Ion: 82	Resp:	964386
Ion Ratio	Lower	Upper
82	100	
128	45.2	36.1 54.1
54	54.2	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: 44.573 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101546.D

Acq: 20 Dec 2017 3:10

Instrument :

BNA_F

ClientSampleId :

DOCK-1

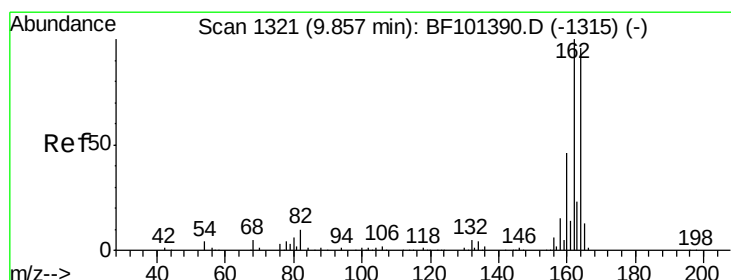
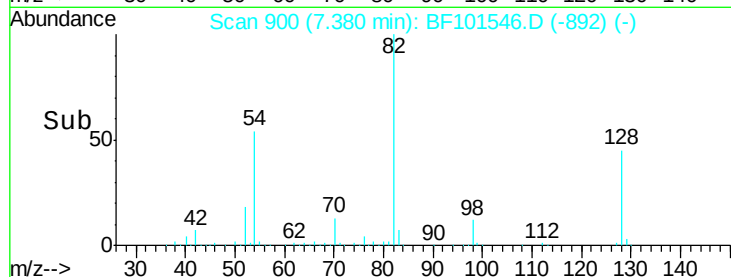
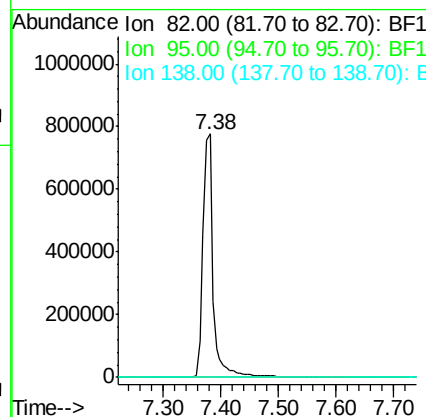
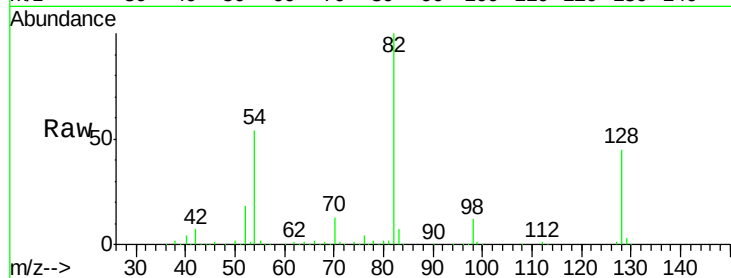
Tot Ion: 82 Resp: 964381

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: BF101546.D

Acq: 20 Dec 2017 3:10

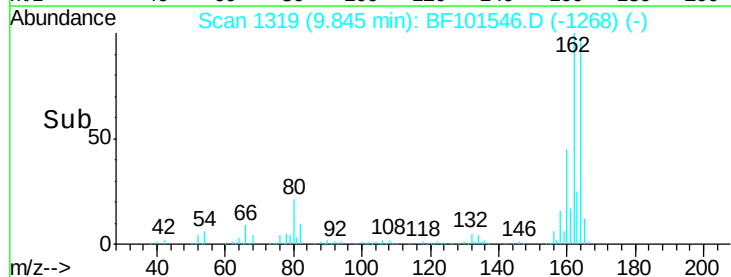
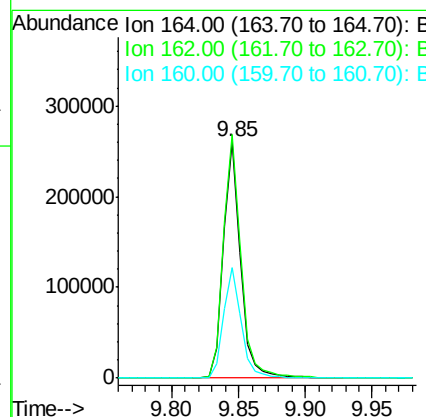
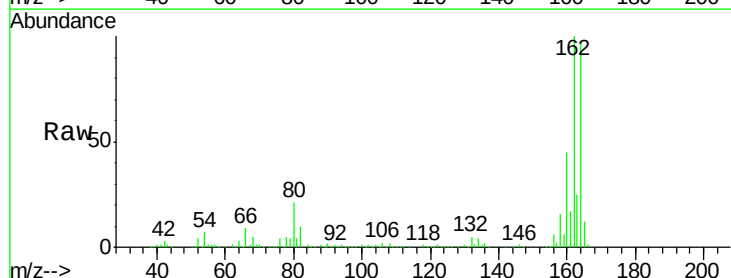
Tgt Ion:164 Resp: 239037

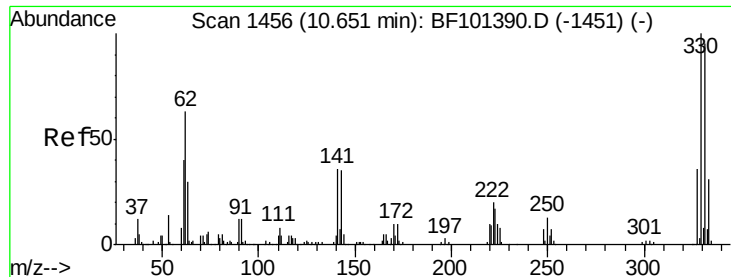
Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

160 46.8 38.3 57.5

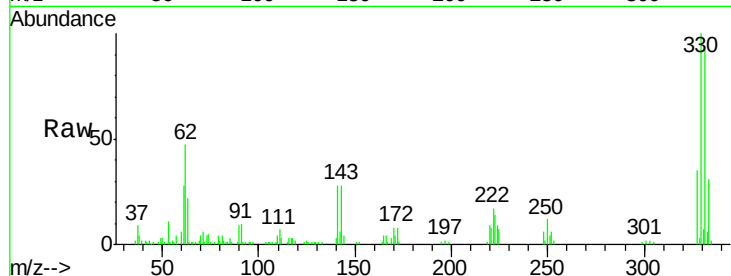




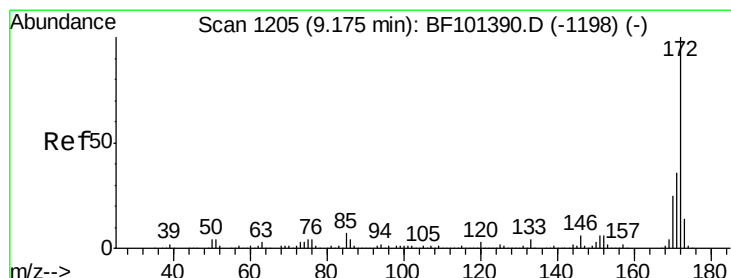
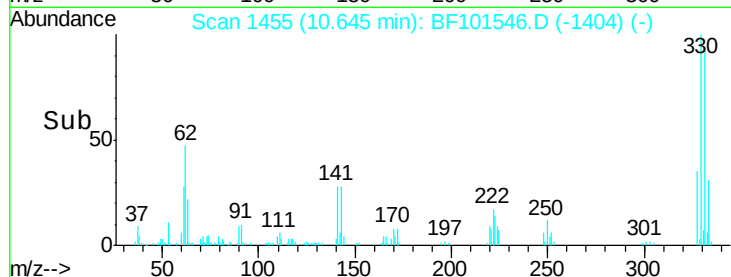
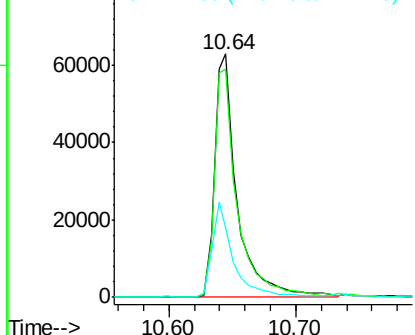
#41
 2,4,6-Tribromophenol
 Concen: 34.442 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101546.D
 Acq: 20 Dec 2017 3:10

Instrument :
 BNA_F
 ClientSampleId :
 DOCK-1

Tot Ion:330 Resp: 79330
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 36.4 29.9 44.9

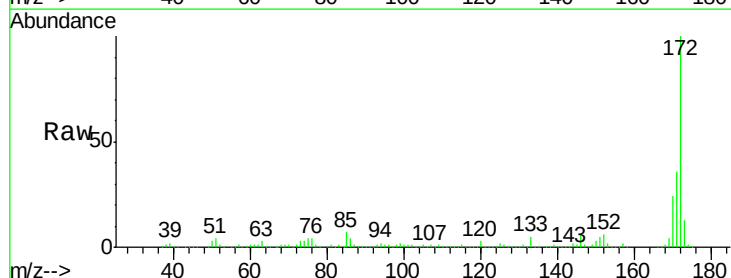


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

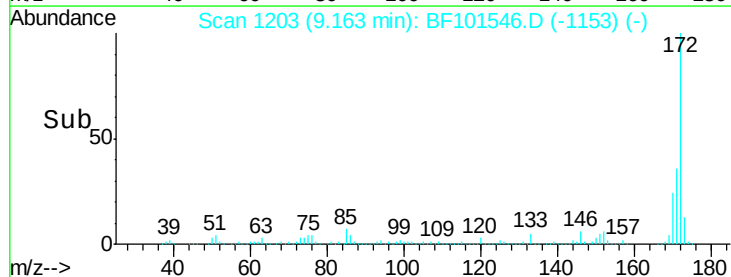
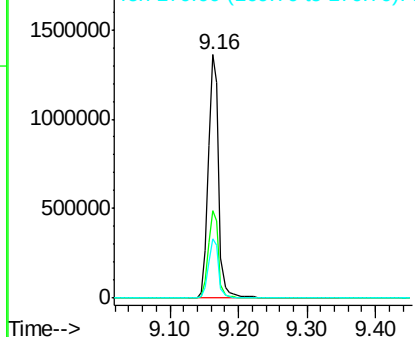


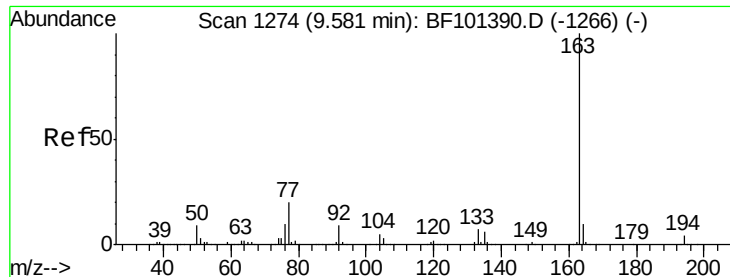
#44
 2-Fluorobiphenyl
 Concen: 94.909 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101546.D
 Acq: 20 Dec 2017 3:10

Tgt Ion:172 Resp: 1462496
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.4 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

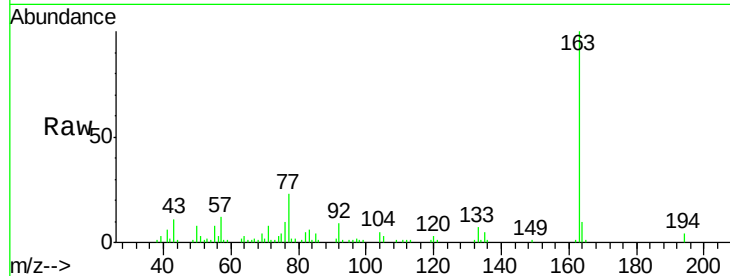




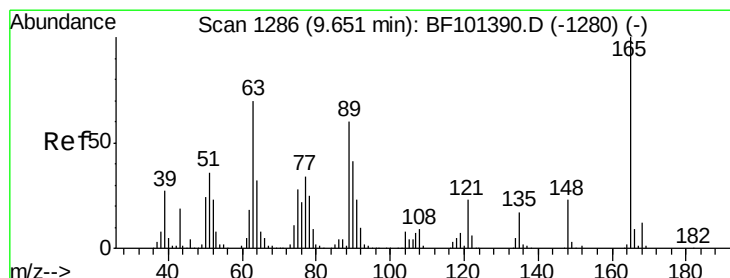
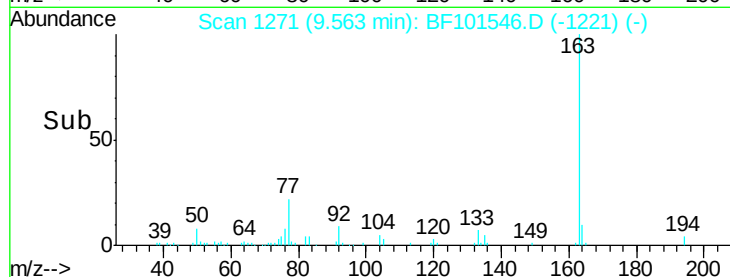
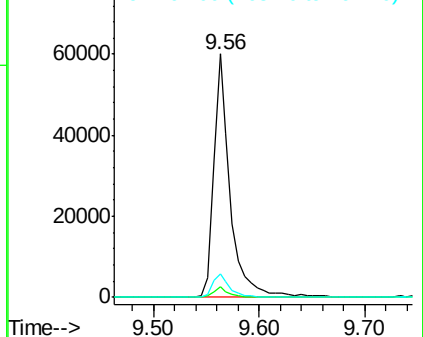
#49
Dimethylphthalate
Concen: 3.414 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101546.D
Acq: 20 Dec 2017 3:10

Instrument :
BNA_F
ClientSampleId :
DOCK-1

Tot Ion:163 Resp: 65635
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.7 8.2 12.2

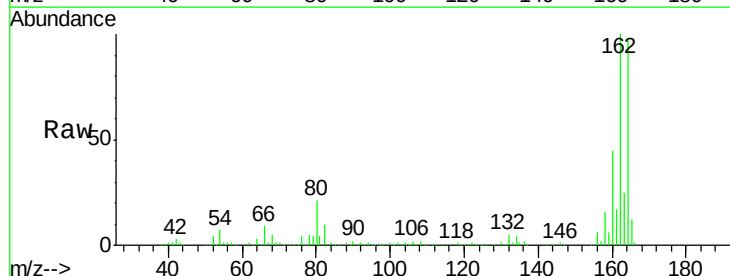


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

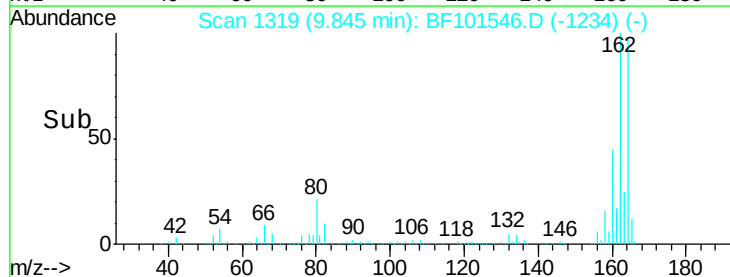
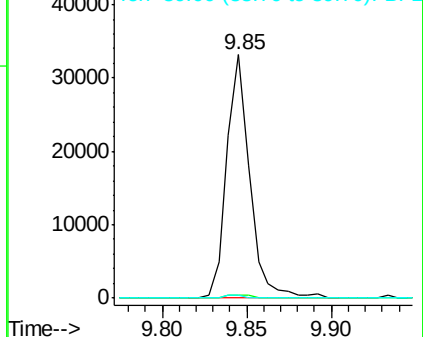


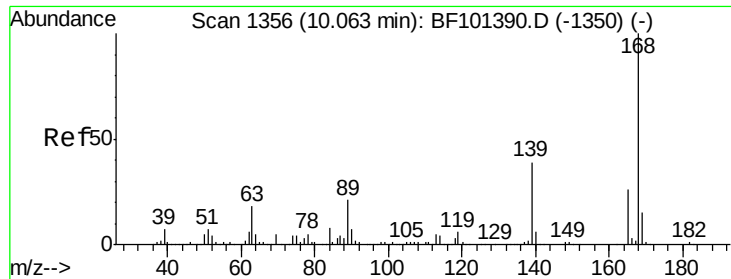
#50
2,6-Dinitrotoluene
Concen: 8.038 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101546.D
Acq: 20 Dec 2017 3:10

Tgt Ion:165 Resp: 31411
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.4 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

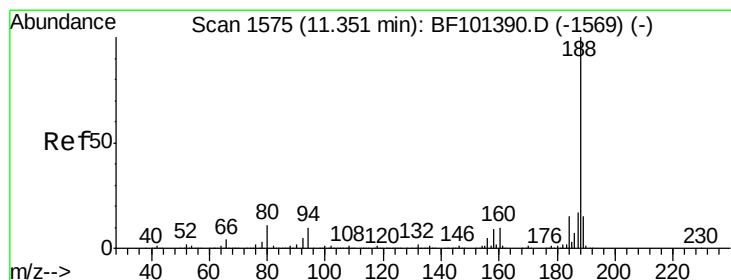
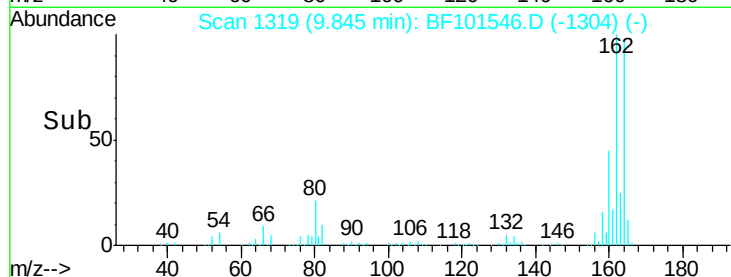
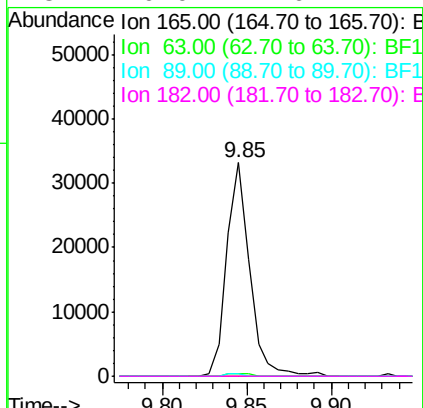
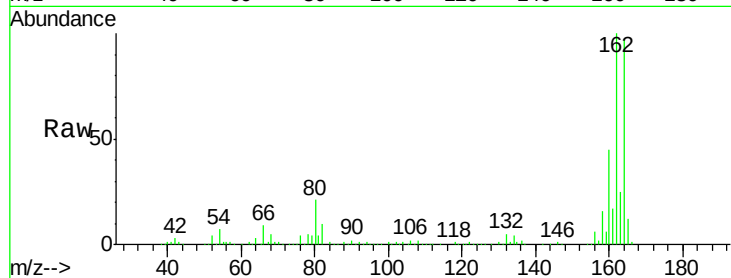




#56
 2,4-Dinitrotoluene
 Concen: 7.134 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101546.D
 Acq: 20 Dec 2017 3:10

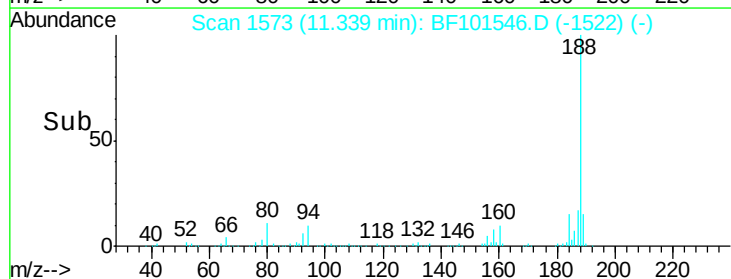
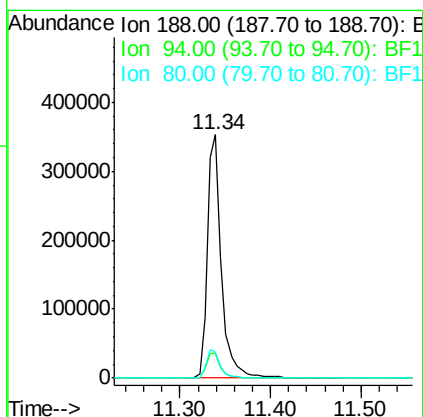
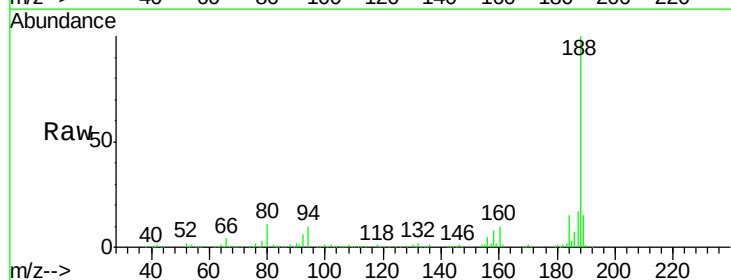
Instrument :
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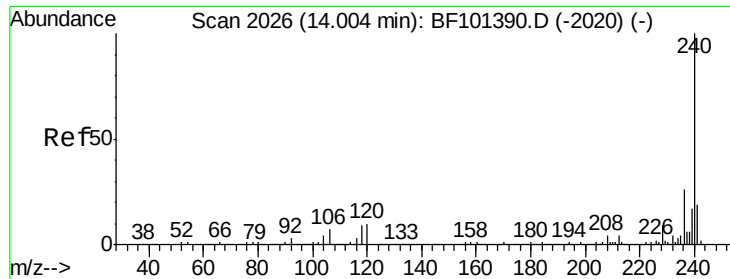
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF101546.D
 Acq: 20 Dec 2017 3:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.5	9.2	13.8

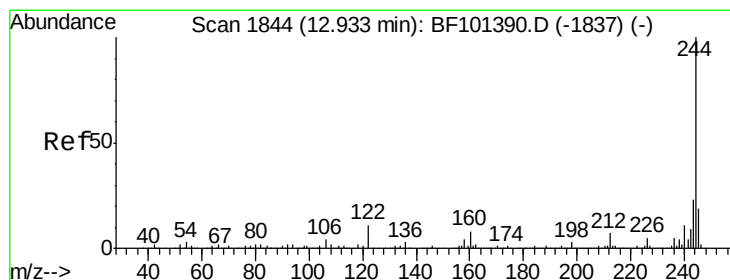
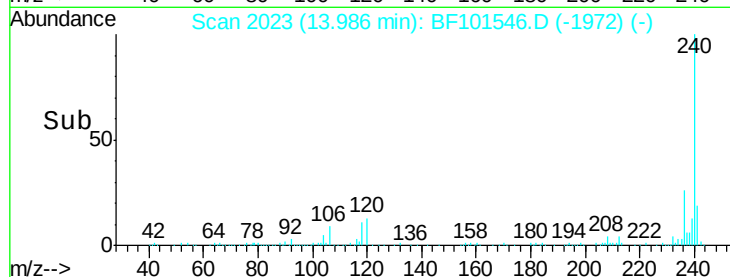
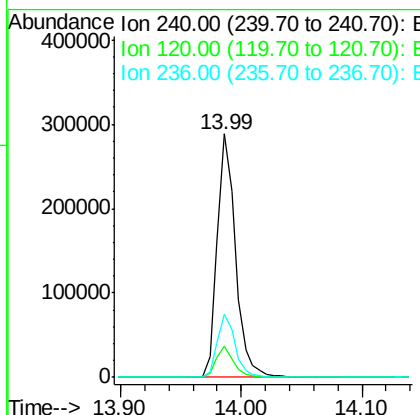
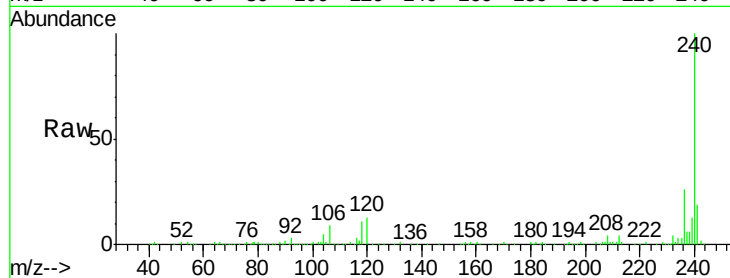




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101546.D
Acq: 20 Dec 2017 3:10

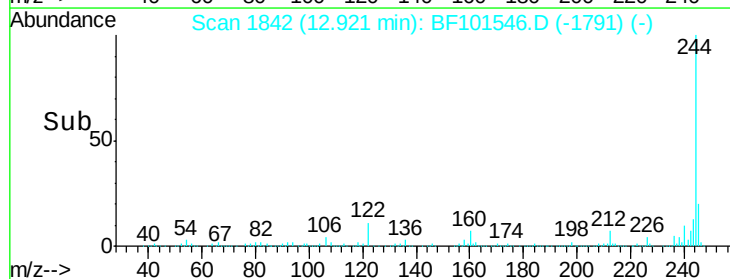
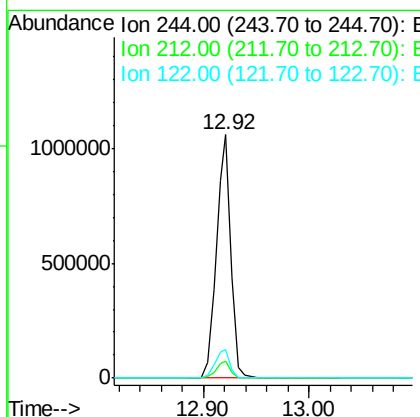
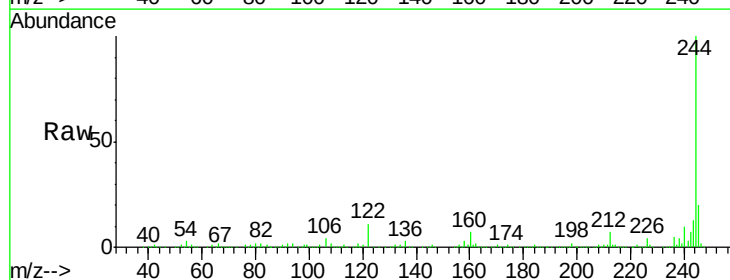
Instrument :
BNA_F
ClientSampleId :
DOCK-1

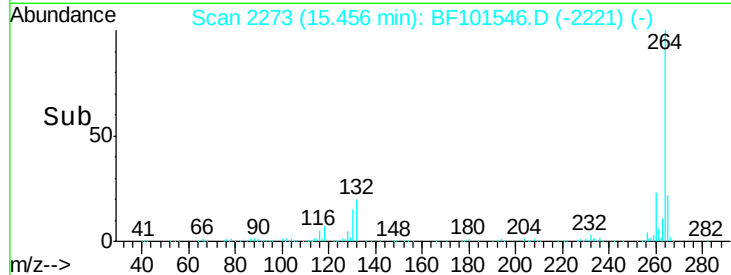
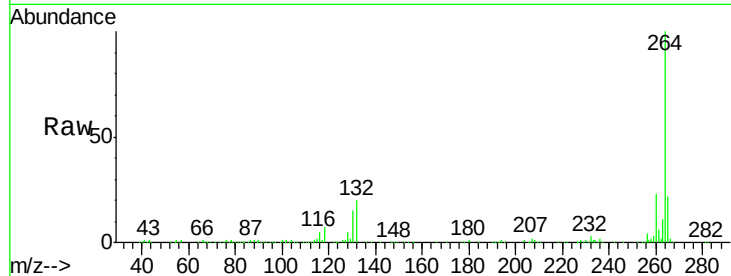
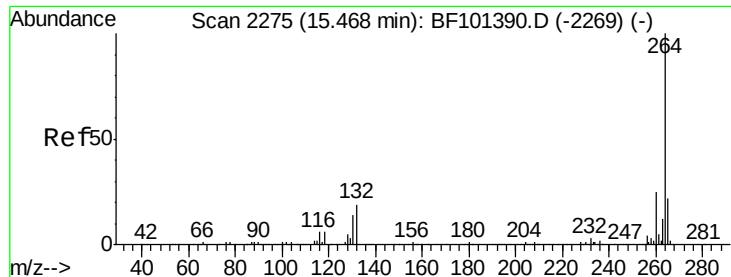
Tot Ion:240 Resp: 300635
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.9 20.7 31.1



#78
Terphenyl-d14
Concen: 82.102 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF101546.D
Acq: 20 Dec 2017 3:10

Tgt Ion:244 Resp: 1023856
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 11.5 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101546.D
Acq: 20 Dec 2017 3:10

Instrument :
BNA_F
ClientSampleId :
DOCK-1

Tot Ion:	264	Resp:	319004
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.7	17.5	26.3

