

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121917\
 Data File : BF101522.D
 Acq On : 19 Dec 2017 15:11
 Operator : SJ/JU
 Sample : I6908-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3

Quant Time: Dec 19 16:54:50 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

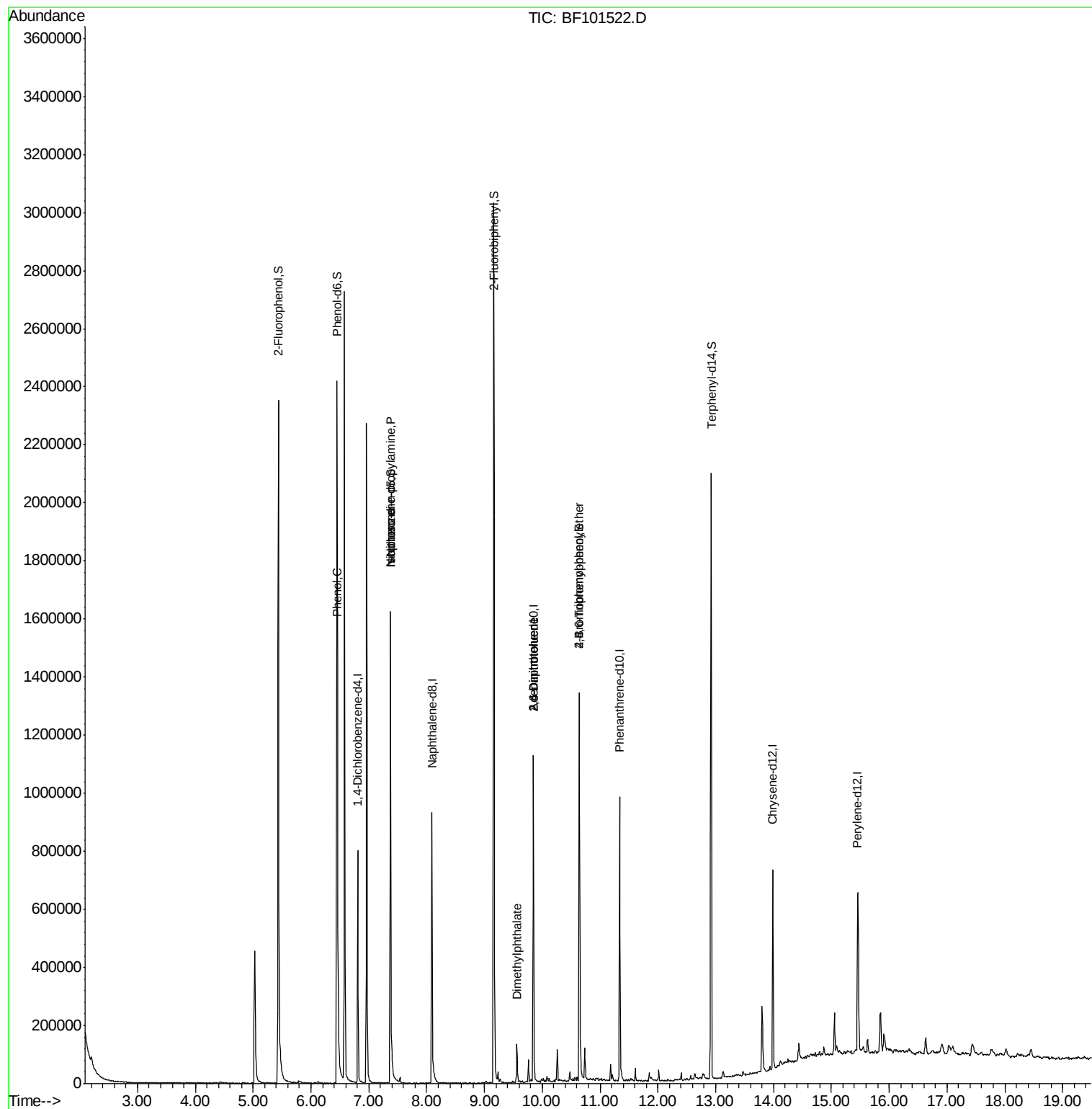
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129640	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	512820	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	225805	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	381286	20.00	ng	0.00
75) Chrysene-d12	13.99	240	246917	20.00	ng	0.00
86) Perylene-d12	15.46	264	298039	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	780398	89.67	ng	0.01
7) Phenol-d6	6.45	99	945414	87.28	ng	0.00
23) Nitrobenzene-d5	7.37	82	592332	64.30	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	179496	82.50	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	995318	68.38	ng	0.00
78) Terphenyl-d14	12.92	244	732345	71.50	ng	0.00
Target Compounds						
10) Phenol	6.46	94	44846	3.633	ng	84
19) n-Nitroso-di-n-propylamine	7.37	70	76001	10.685	ng	# 82
25) Isophorone	7.37	82	592329	32.051	ng	# 64
49) Dimethylphthalate	9.56	163	60191	3.314	ng	98
50) 2,6-Dinitrotoluene	9.85	165	29135	7.892	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	29135	7.005	ng	# 22
66) 4-Bromophenyl-phenylether	10.64	248	11235	2.622	ng	# 1

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

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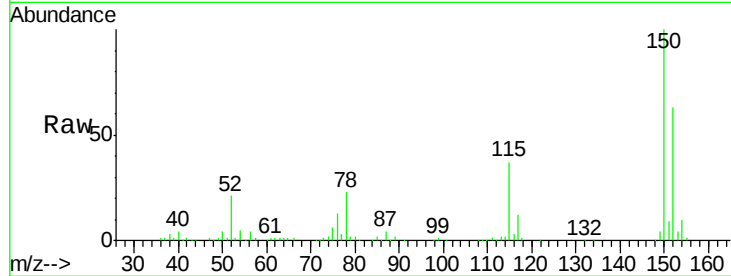


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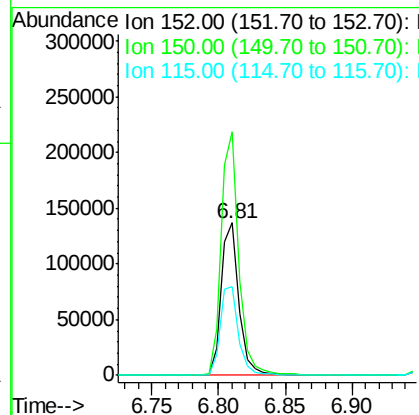
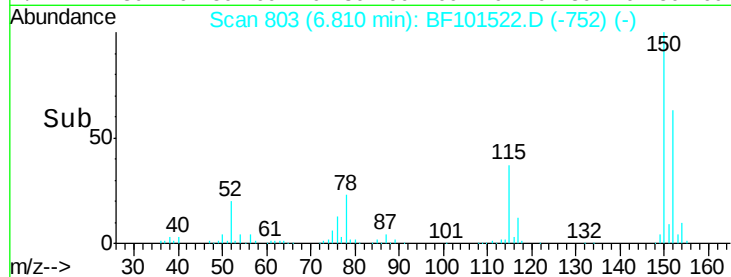
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion:152 Resp: 129640
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 58.5 50.1 75.1



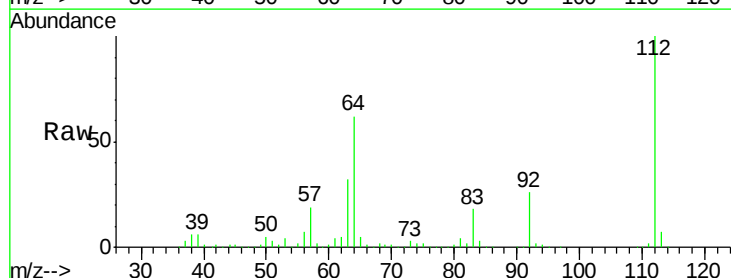
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



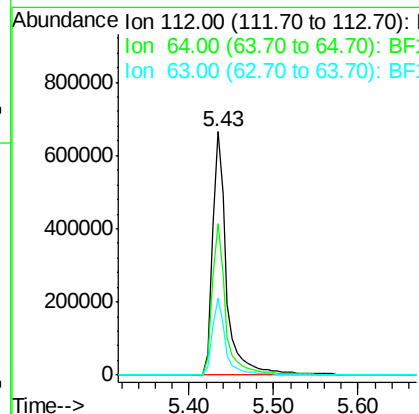
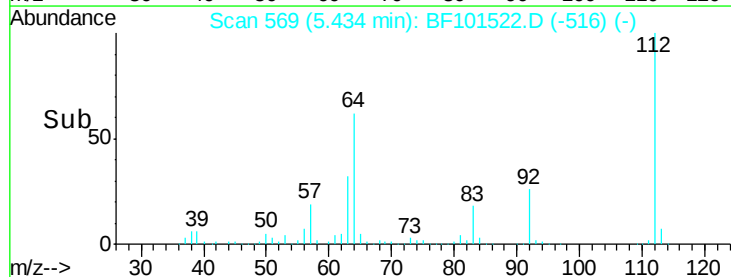
#5

2-Fluorophenol
Concen: 89.669 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Tgt Ion:112 Resp: 780398
Ion Ratio Lower Upper
112 100
64 62.2 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: 87.285 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

Instrument :

BNA_F

ClientSampleId :

3

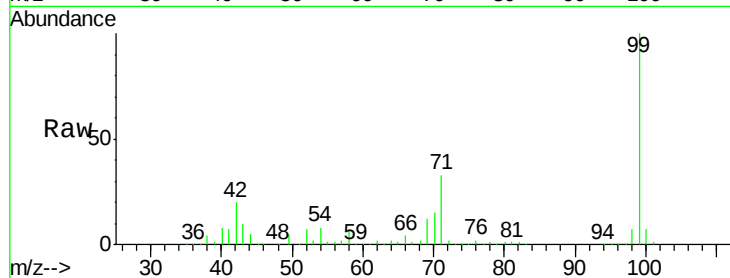
Tgt Ion: 99 Resp: 945414

Ion Ratio Lower Upper

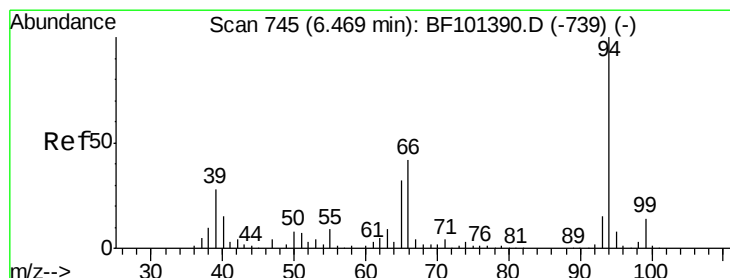
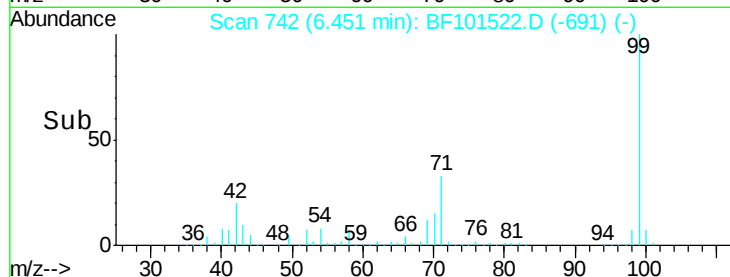
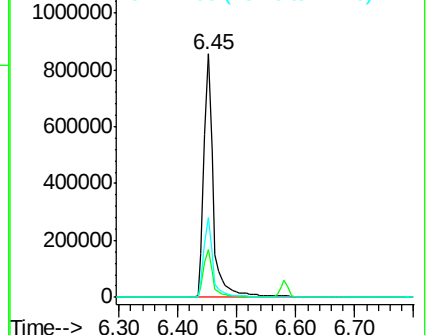
99 100

42 19.7 14.5 21.7

71 32.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.633 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

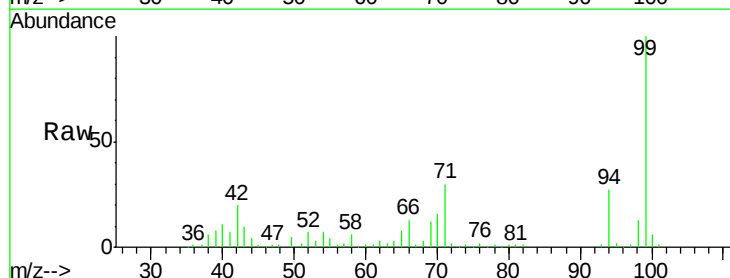
Tgt Ion: 94 Resp: 44846

Ion Ratio Lower Upper

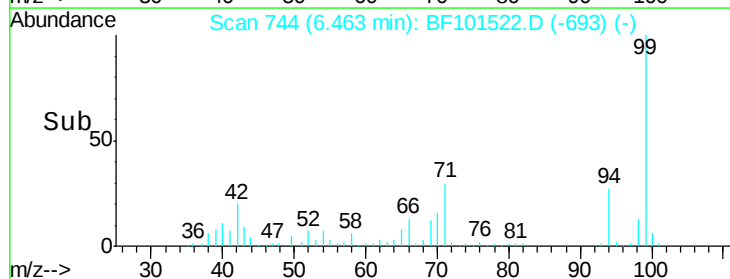
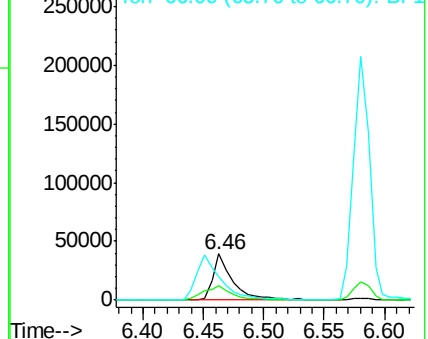
94 100

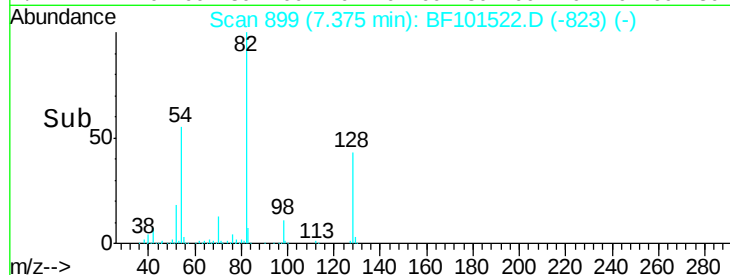
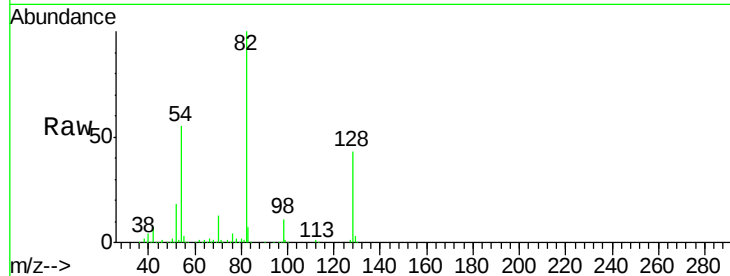
65 30.8 7.9 47.9

66 50.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

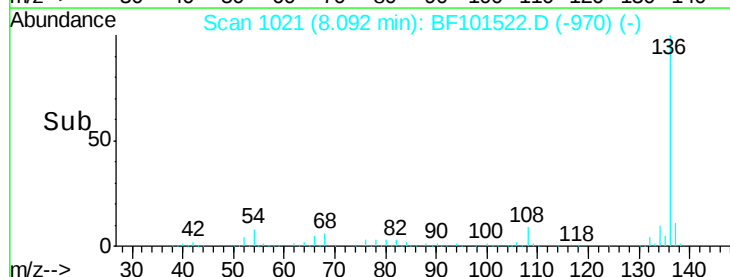
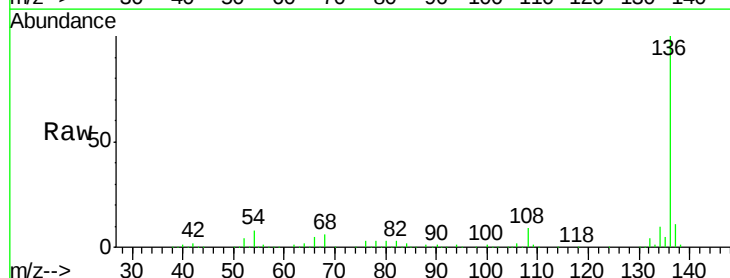
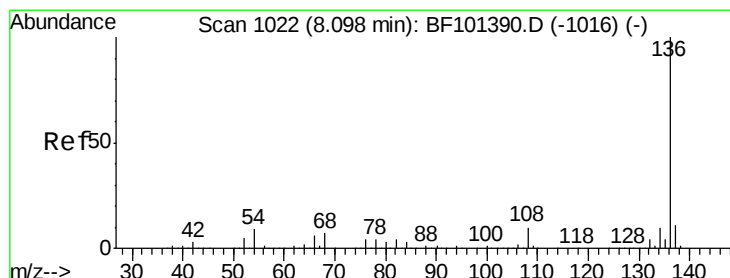
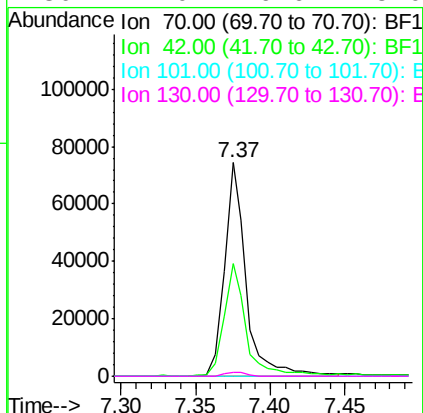




#19
n-Nitroso-di-n-propylamine
Concen: 10.685 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

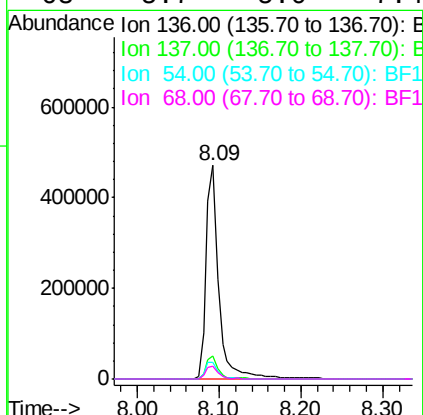
Instrument :
BNA_F
ClientSampleId :
3

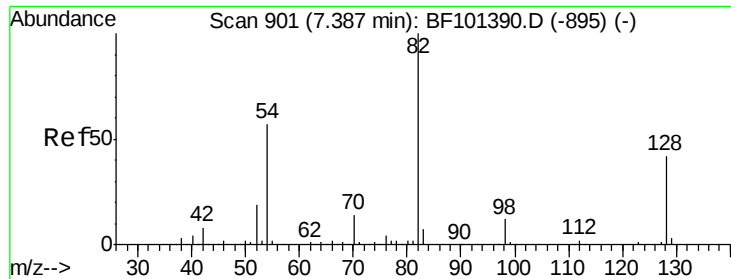
Tgt Ion: 70 Resp: 76001
Ion Ratio Lower Upper
70 100
42 52.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Tgt Ion: 136 Resp: 512820
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.1 6.6 9.8
68 5.7 5.0 7.4

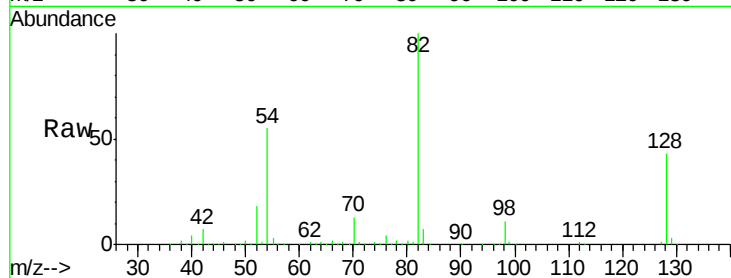




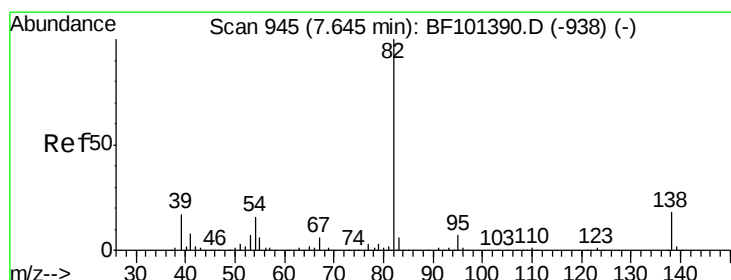
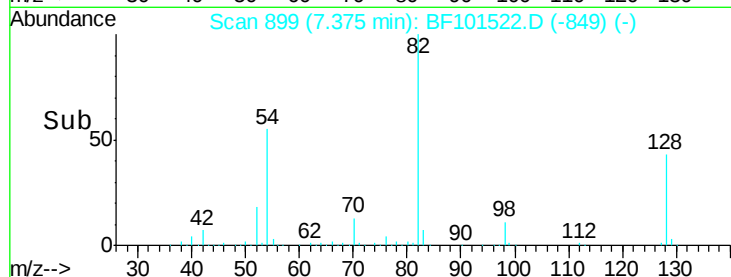
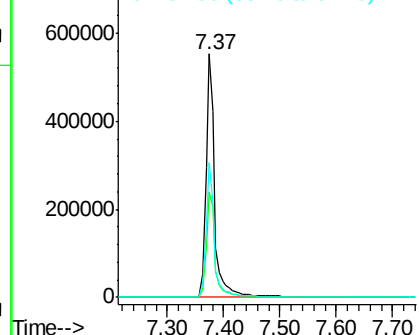
#23
Nitrobenzene-d5
Concen: 64.297 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion: 82 Resp: 592332
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 55.3 41.4 62.2

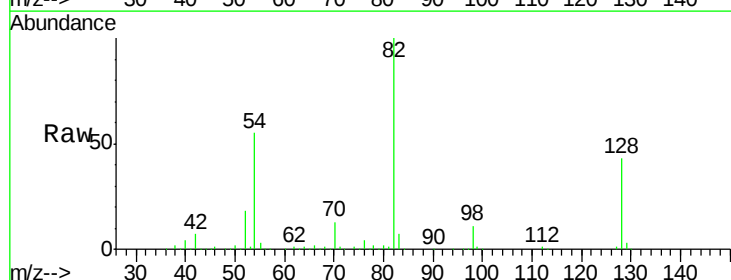


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

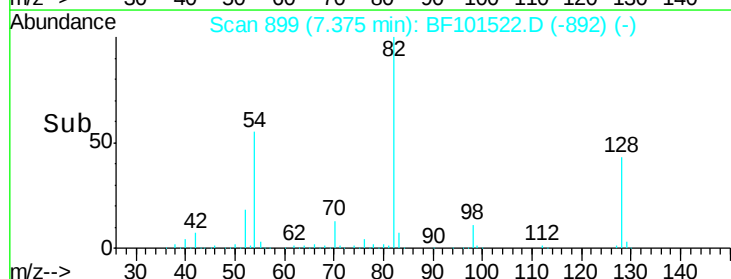
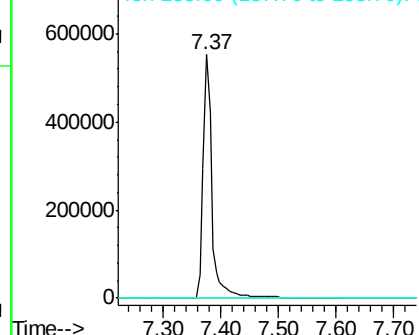


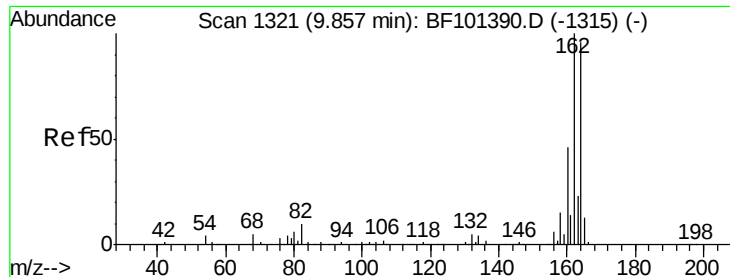
#25
Isophorone
Concen: 32.051 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Tgt Ion: 82 Resp: 592329
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): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

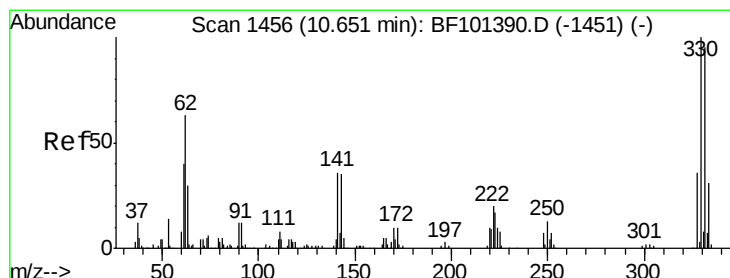
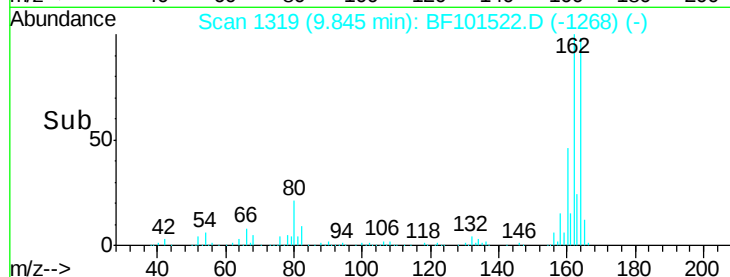
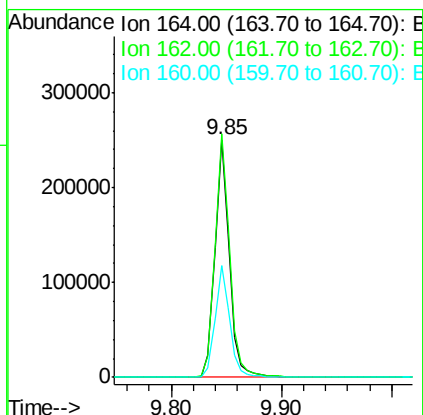
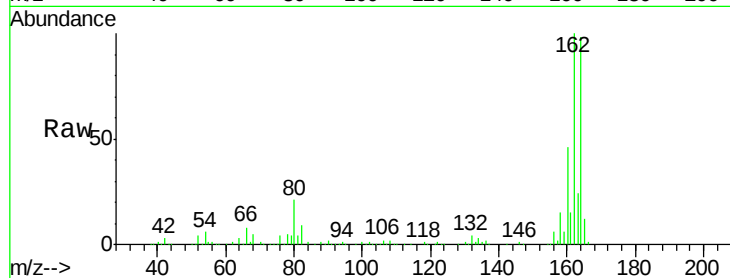




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101522.D
 Acq: 19 Dec 2017 15:11

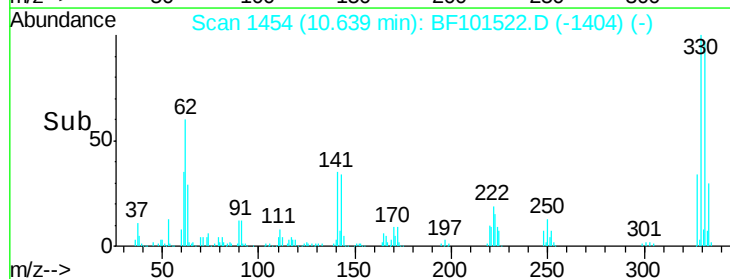
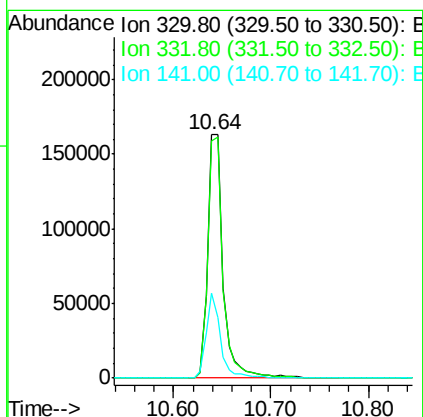
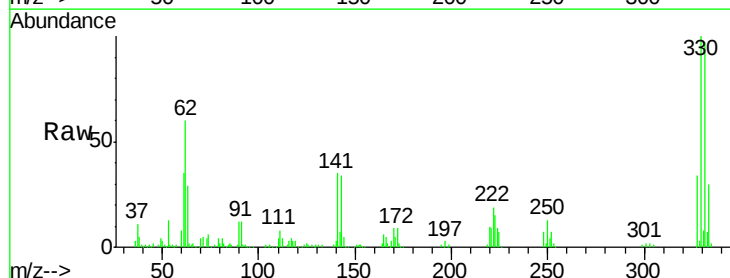
Instrument :
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 ClientSampleId :
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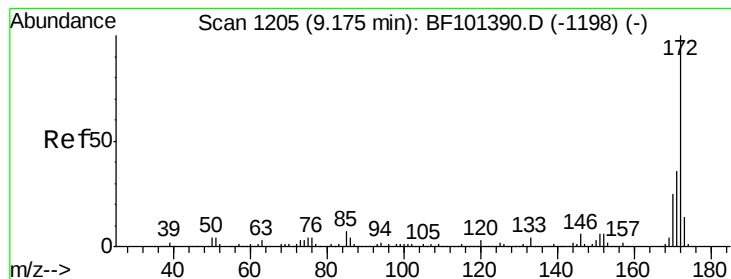
Tgt Ion:164 Resp: 225805
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 47.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 82.496 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101522.D
 Acq: 19 Dec 2017 15:11

Tgt Ion:330 Resp: 179496
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 32.2 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 68.377 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

Instrument :

BNA_F

ClientSampled :

3

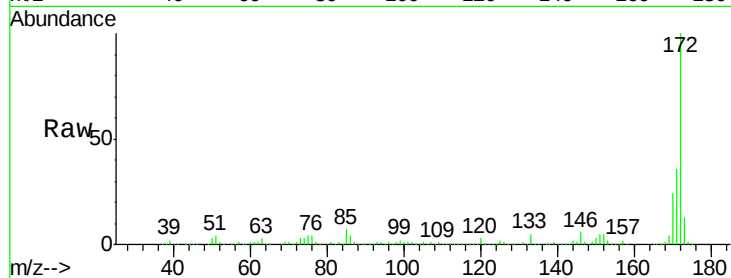
Tgt Ion:172 Resp: 995318

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

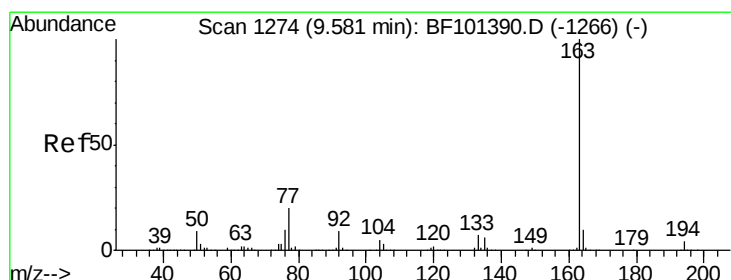
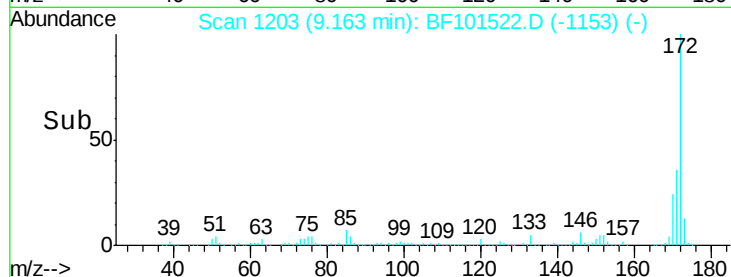
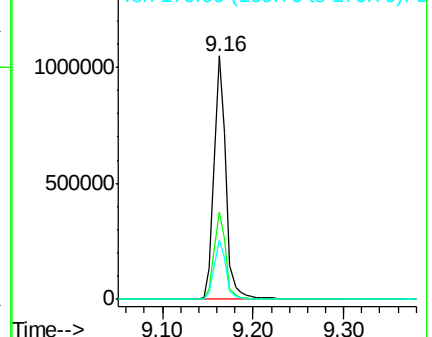
170 24.2 19.6 29.4



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: 3.314 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

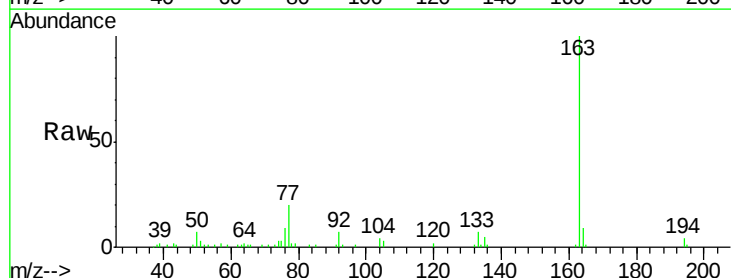
Tgt Ion:163 Resp: 60191

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

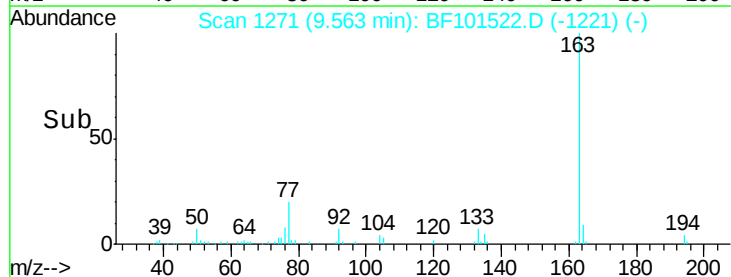
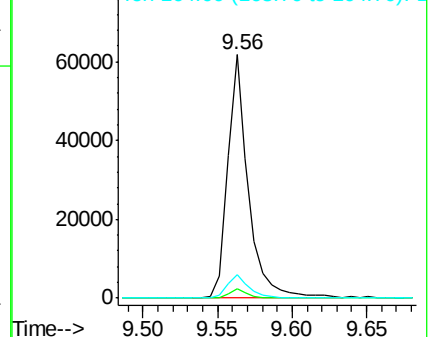
164 9.5 8.2 12.2

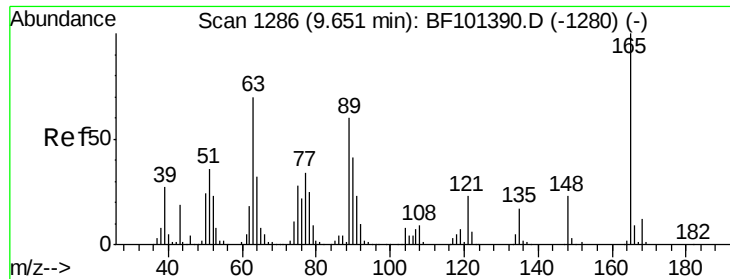


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

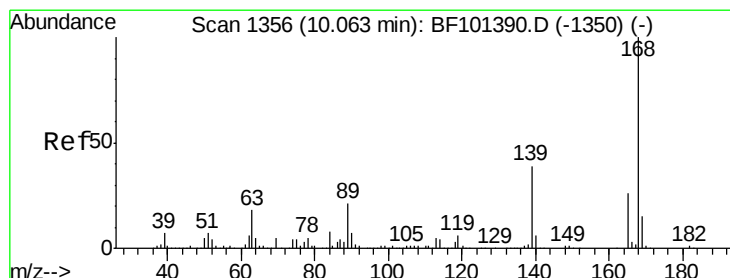
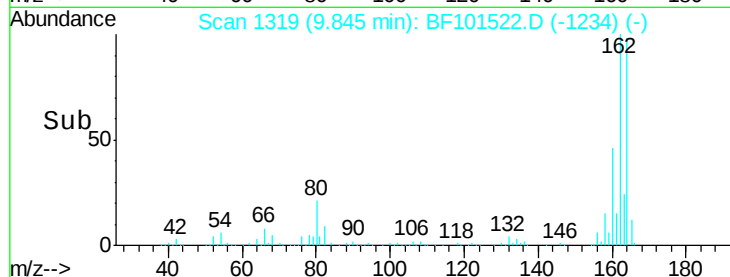
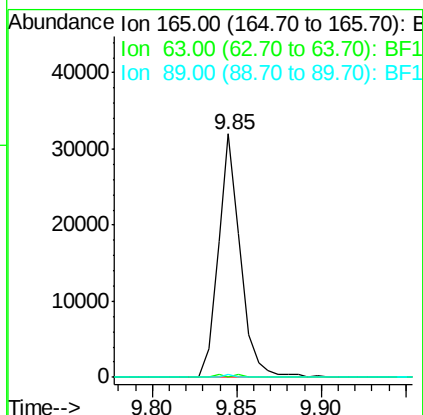
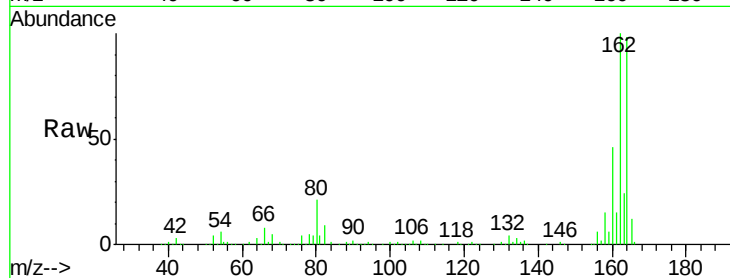




#50
2,6-Dinitrotoluene
Concen: 7.892 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

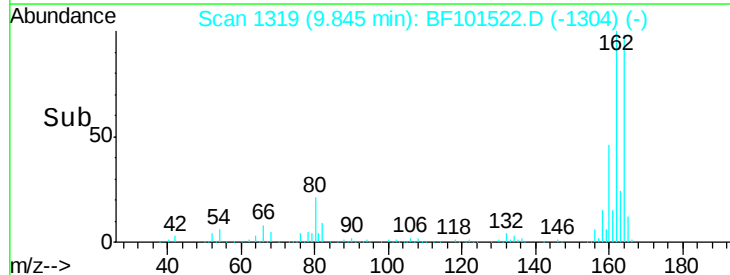
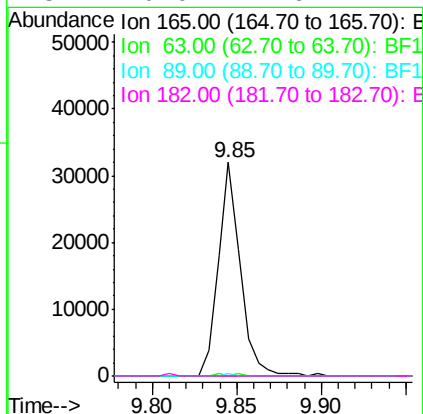
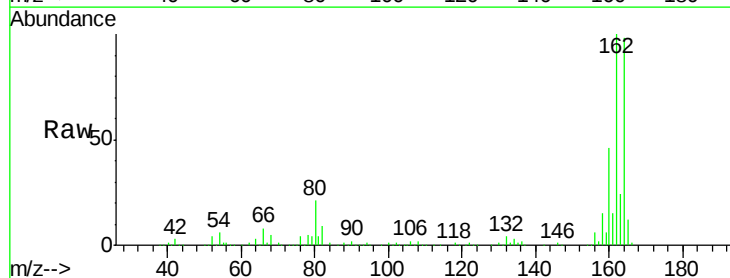
Instrument :
BNA_F
ClientSampleId :
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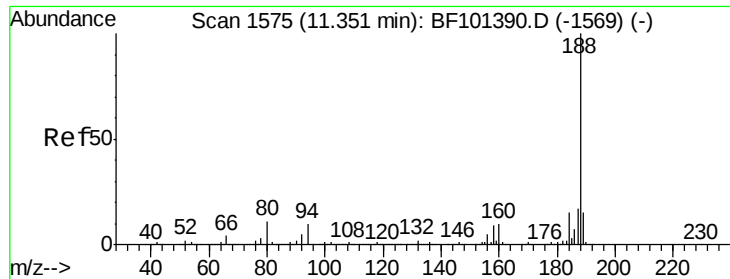
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.2	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 7.005 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

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#

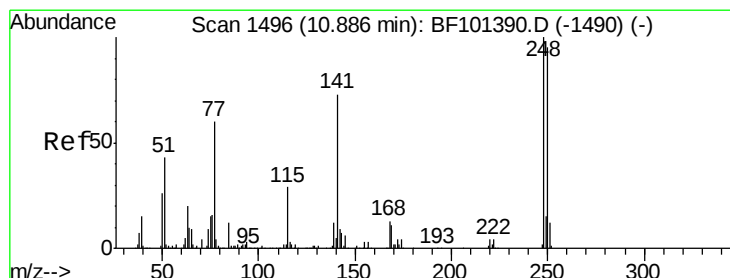
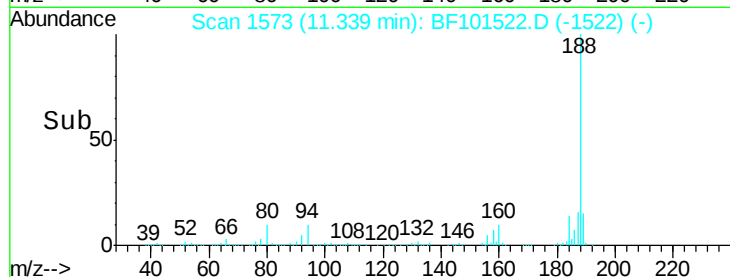
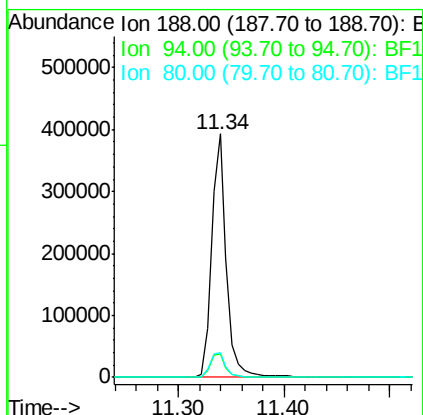
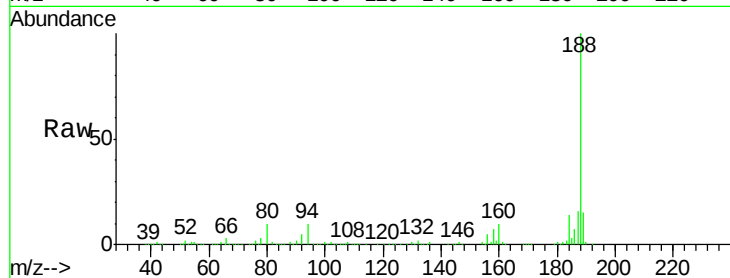




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF101522.D
 Acq: 19 Dec 2017 15:11

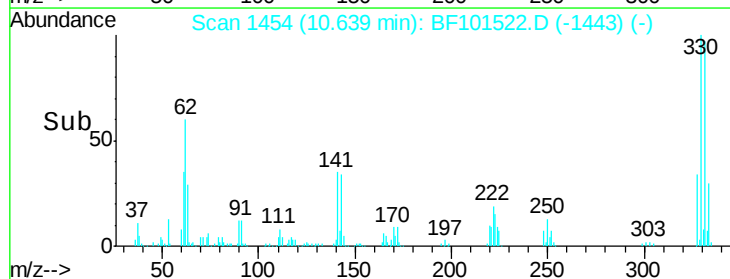
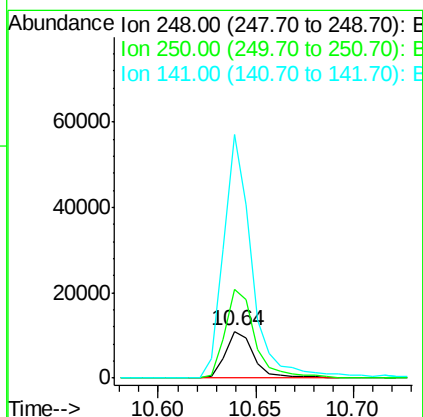
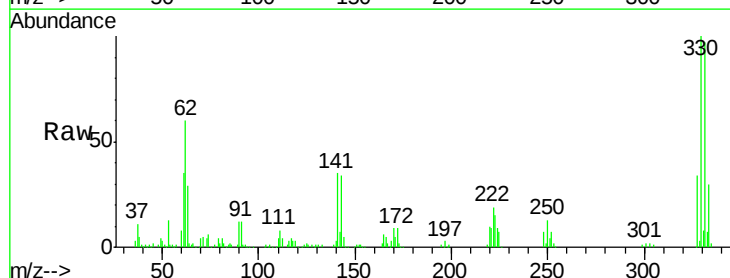
Instrument :
 BNA_F
 ClientSampleId :
 3

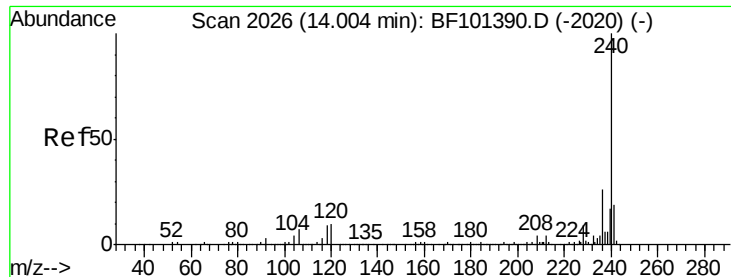
Tgt Ion:188 Resp: 381286
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.622 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF101522.D
 Acq: 19 Dec 2017 15:11

Tgt Ion:248 Resp: 11235
 Ion Ratio Lower Upper
 248 100
 250 188.9 76.9 115.3#
 141 517.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

Instrument :

BNA_F

ClientSampleId :

3

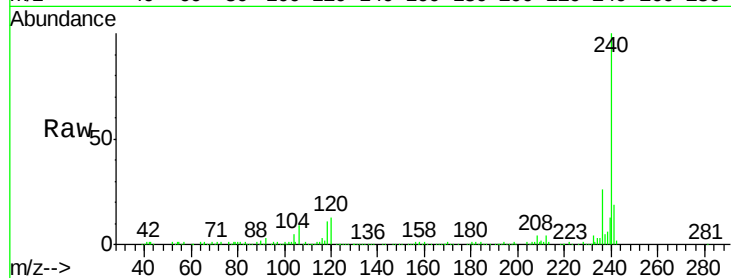
Tgt Ion:240 Resp: 246917

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

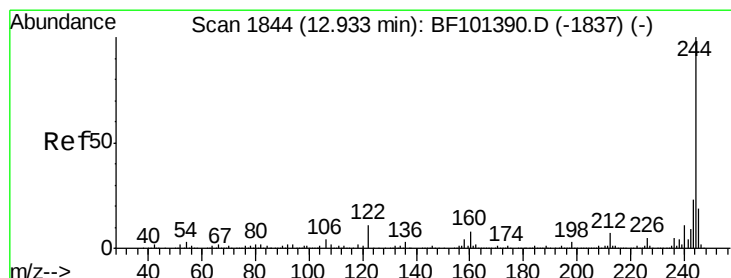
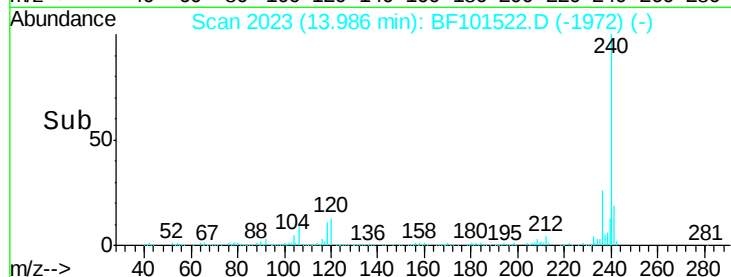
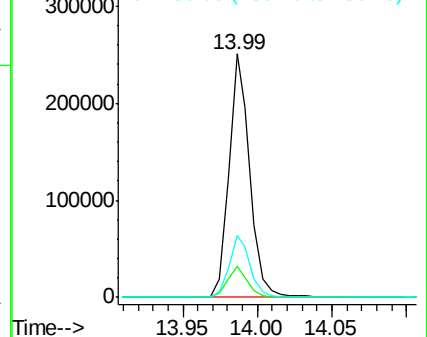
236 25.7 20.7 31.1



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: 71.502 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

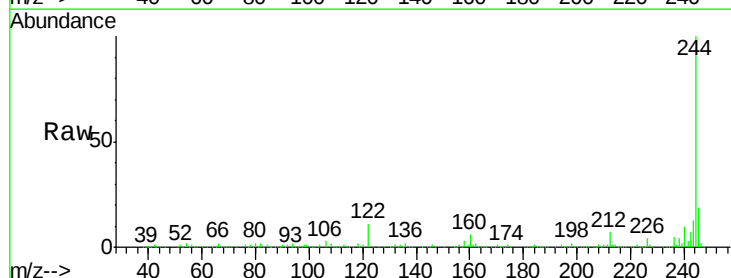
Tgt Ion:244 Resp: 732345

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

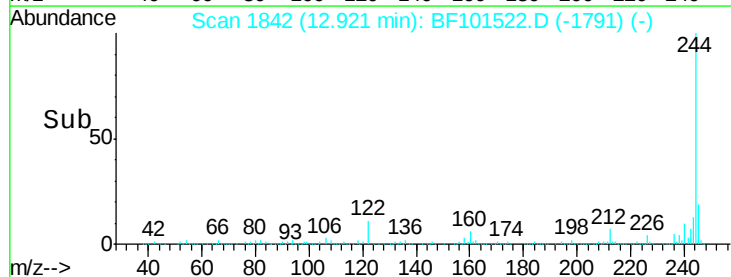
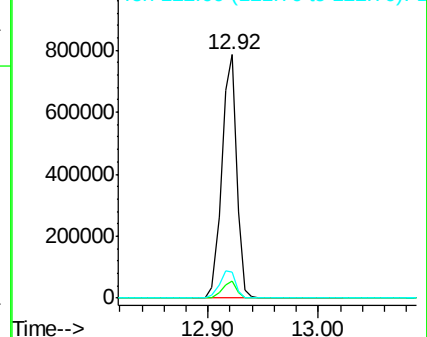
122 10.6 11.0 16.4#

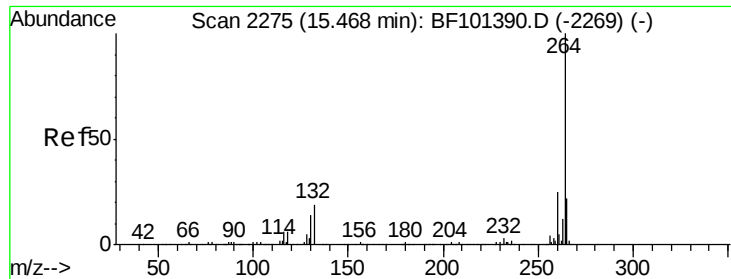


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2274
Delta R.T. 0.01 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Instrument :
BNA_F
ClientSampleId :
3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.5	26.3

