

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102149.D
 Acq On : 17 Jan 2018 14:57
 Operator : SJ/JU
 Sample : J1144-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 01:02:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153821	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	624557	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	281544	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	477668	20.00	ng	0.00
75) Chrysene-d12	13.87	240	292530	20.00	ng	0.00
86) Perylene-d12	15.29	264	250223	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	835747	76.72	ng	0.01
7) Phenol-d6	6.36	99	995826	76.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	612342	57.61	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	233539	95.05	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1047465	58.12	ng	0.00
78) Terphenyl-d14	12.82	244	932637	66.19	ng	0.00

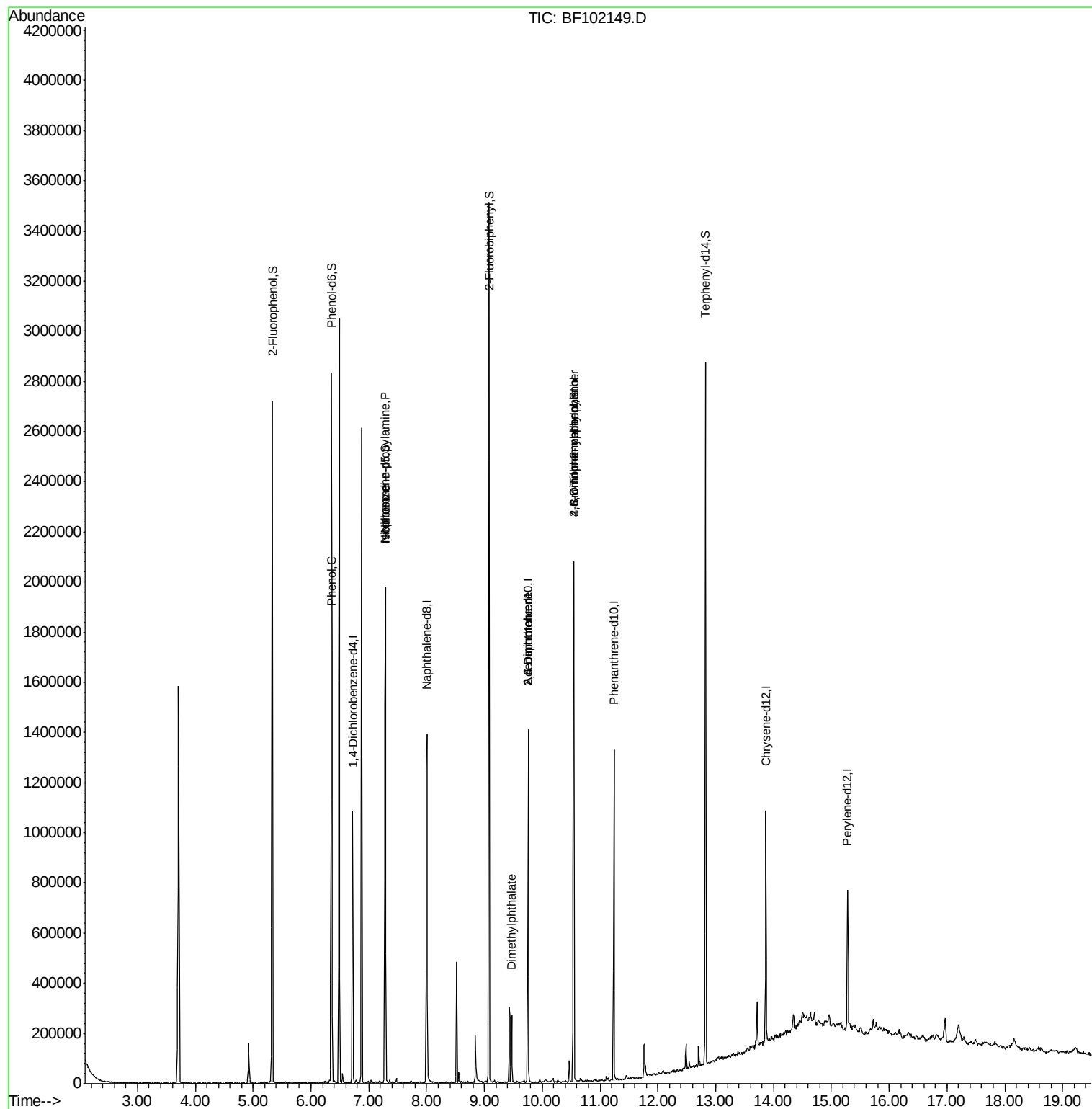
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	42308	2.880	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	82722	9.712	ng	# 78
25) Isophorone	7.29	82	607641	28.935	ng	# 64
49) Dimethylphthalate	9.47	163	100519	4.451	ng	100
50) 2,6-Dinitrotoluene	9.75	165	35103	7.781	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	35103	6.208	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	563	5.854	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	15526	3.078	ng	# 1

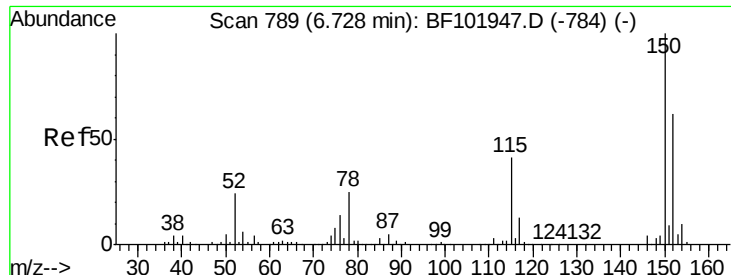
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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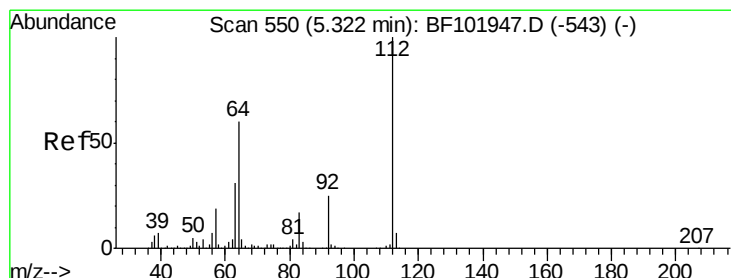
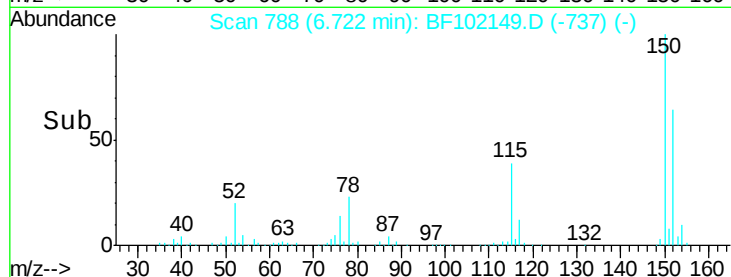
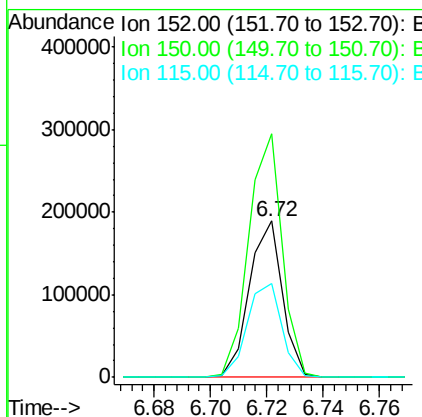
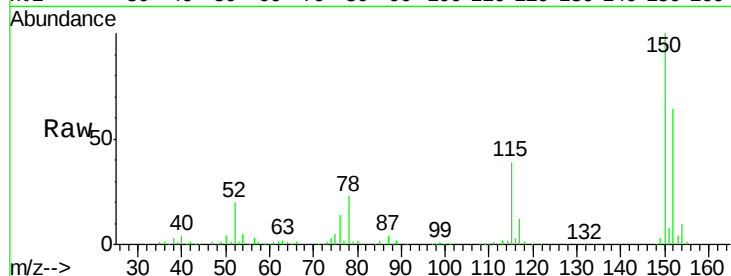


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

Instrument :
BNA_F
ClientSampleId :

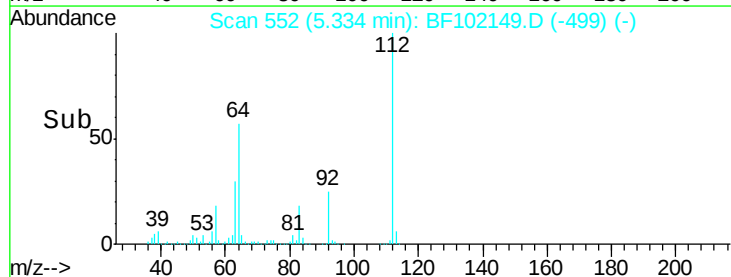
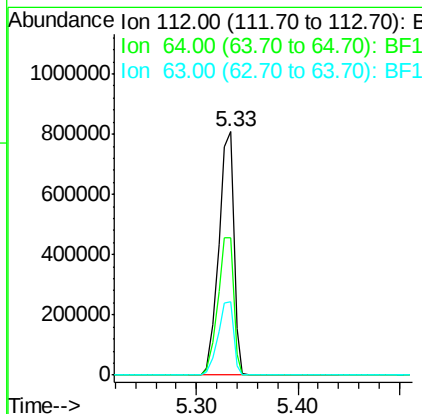
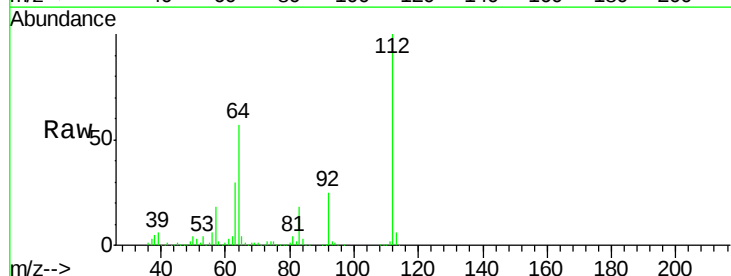
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.2	50.1	75.1



#5

2-Fluorophenol
Concen: 76.722 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	30.0	23.7	35.5





#7

Phenol-d6

Concen: 76.621 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102149.D

Acq: 17 Jan 2018 14:57

Instrument :

BNA_F

ClientSampleId :

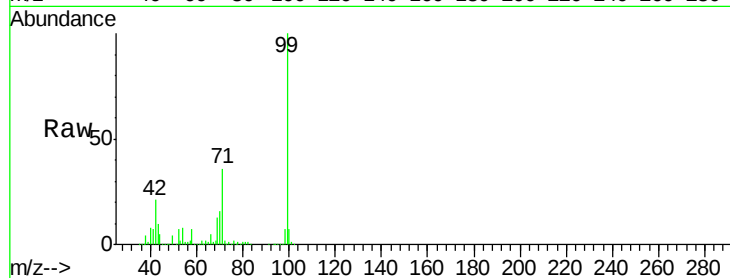
Tot Ion: 99 Resp: 995826

Ion Ratio Lower Upper

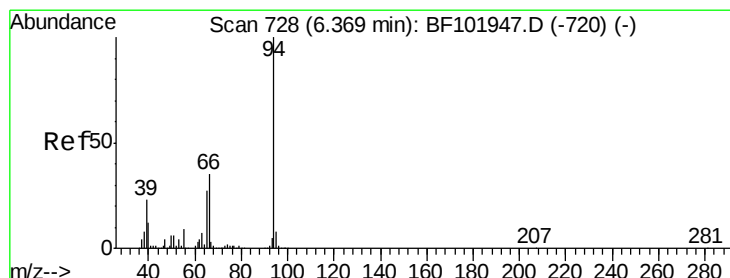
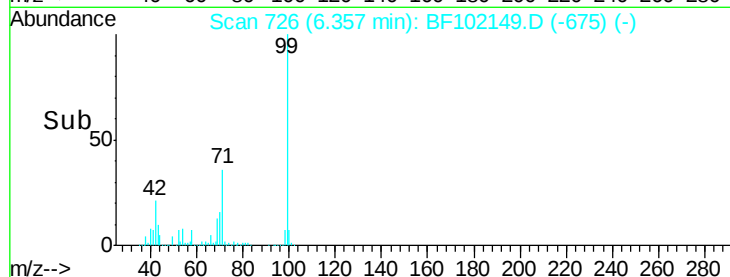
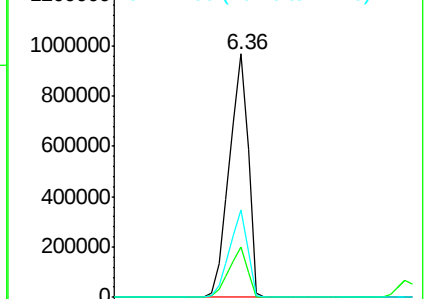
99 100

42 20.6 14.5 21.7

71 36.0 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: 2.880 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102149.D

Acq: 17 Jan 2018 14:57

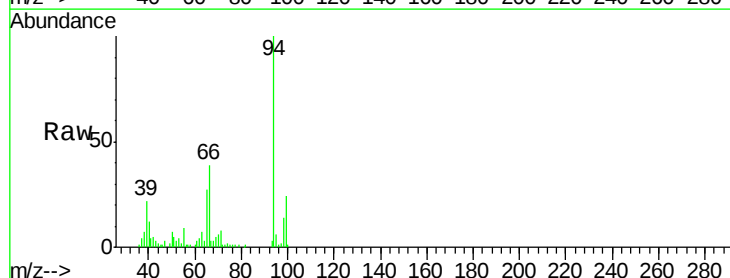
Tgt Ion: 94 Resp: 42308

Ion Ratio Lower Upper

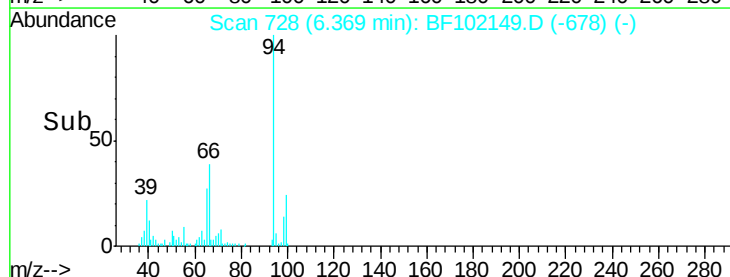
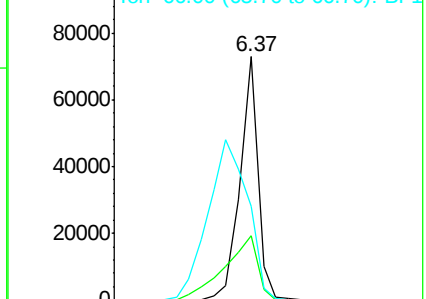
94 100

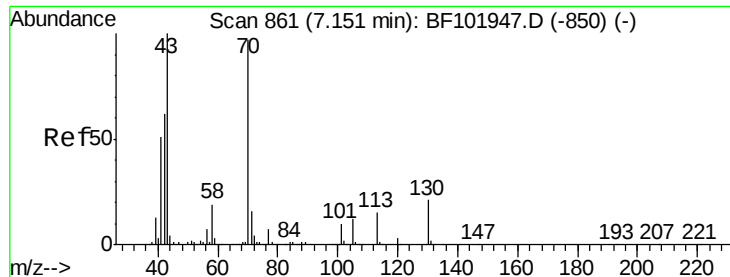
65 26.7 7.9 47.9

66 38.5 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

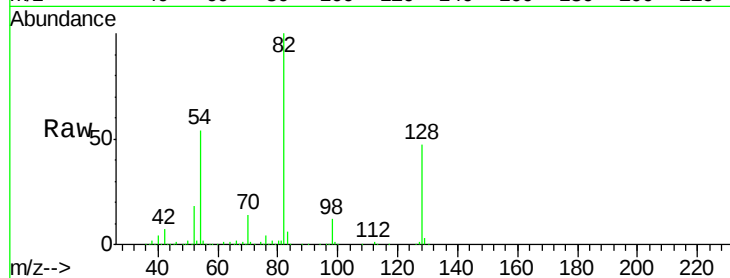




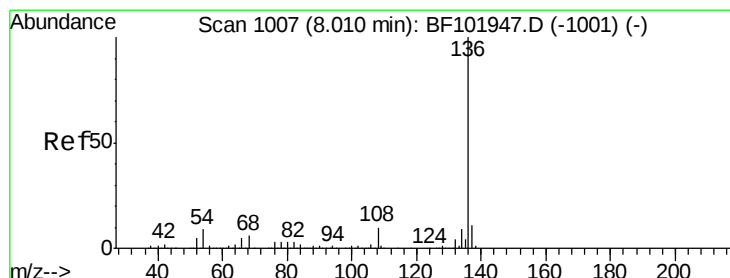
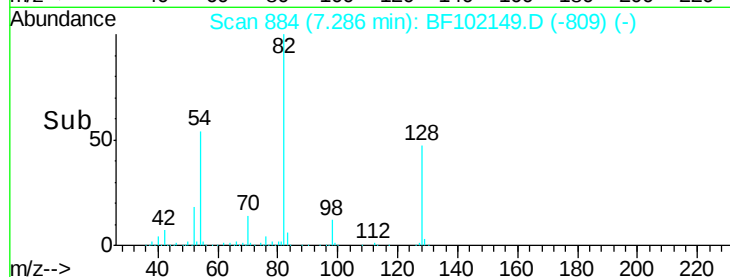
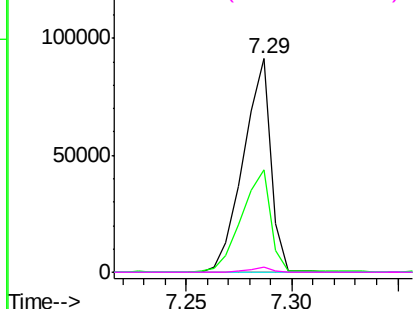
#19
n-Nitroso-di-n-propylamine
Concen: 9.712 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 82722
Ion Ratio Lower Upper
70 100
42 48.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

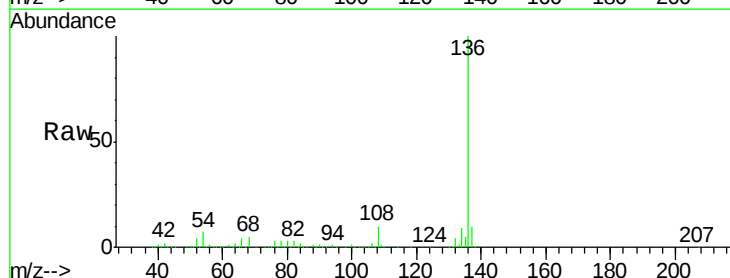


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

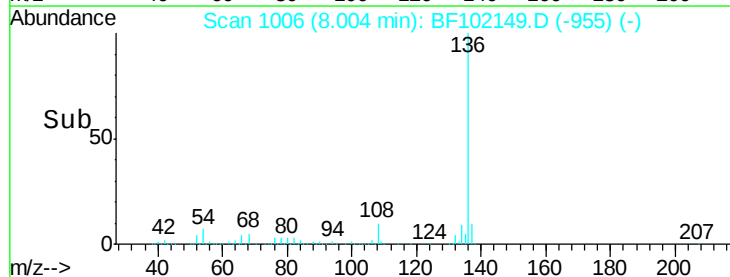
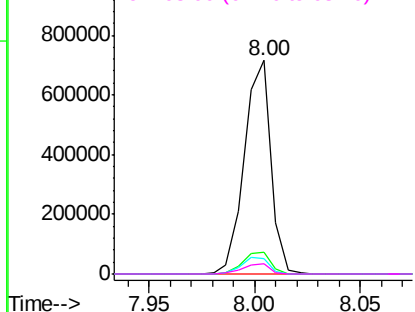


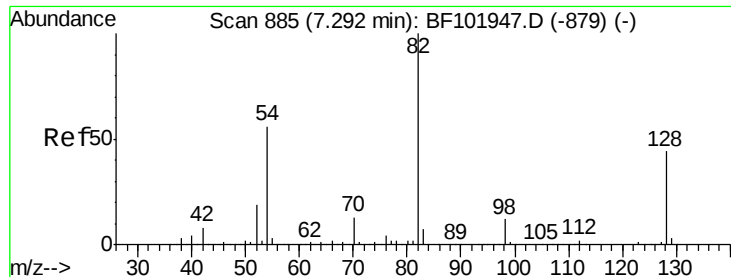
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

Tgt Ion:136 Resp: 624557
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.0 6.6 9.8
68 4.6 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: 57.615 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102149.D

Acq: 17 Jan 2018 14:57

Instrument :

BNA_F

ClientSampled :

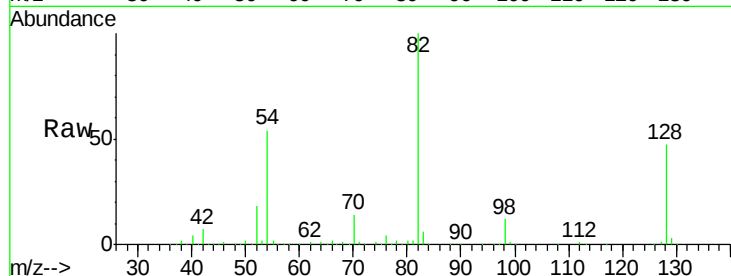
Tot Ion: 82 Resp: 612342

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

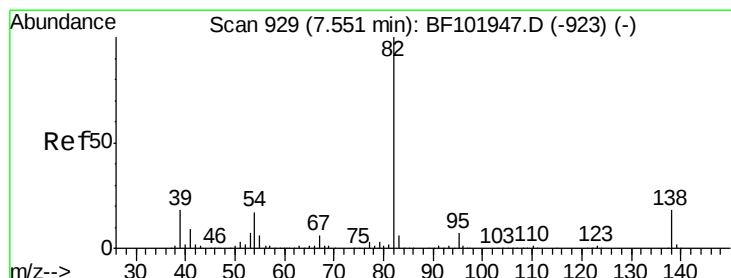
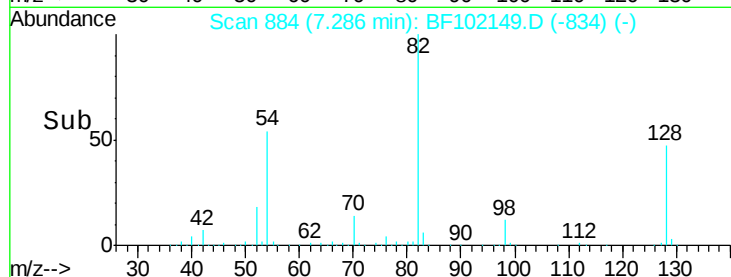
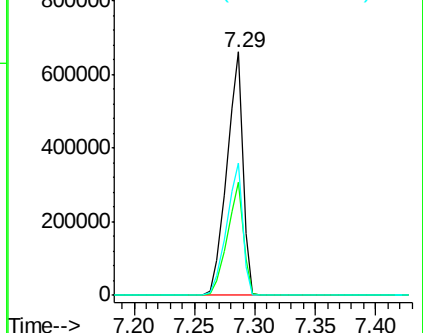
54 54.4 41.4 62.2



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: 28.935 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102149.D

Acq: 17 Jan 2018 14:57

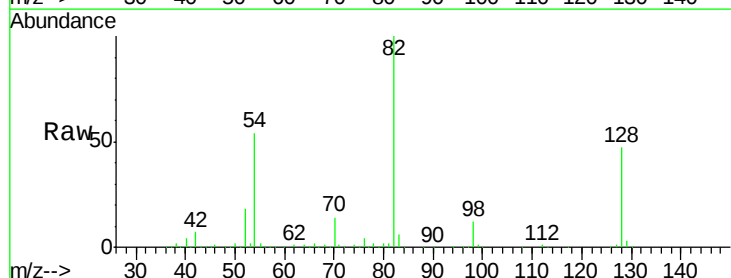
Tgt Ion: 82 Resp: 607641

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

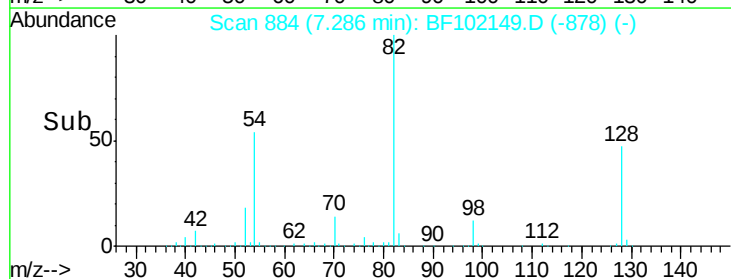
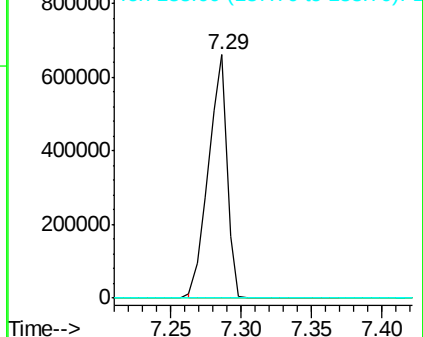
138 0.0 14.9 22.3#

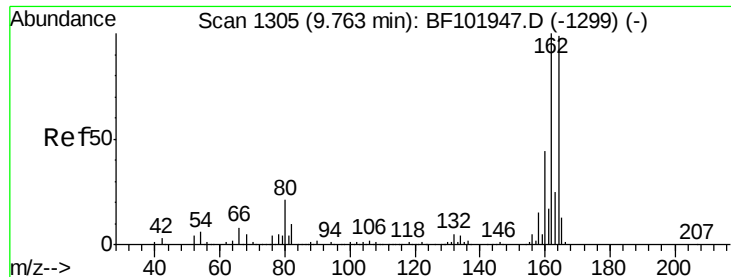


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

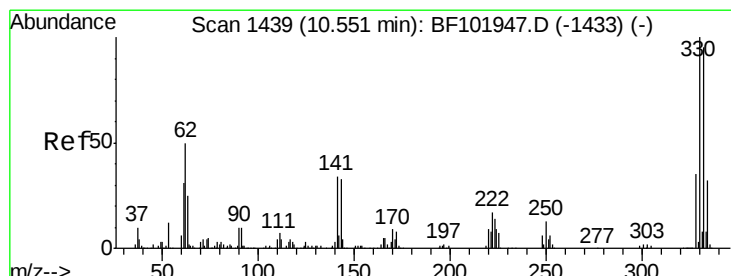
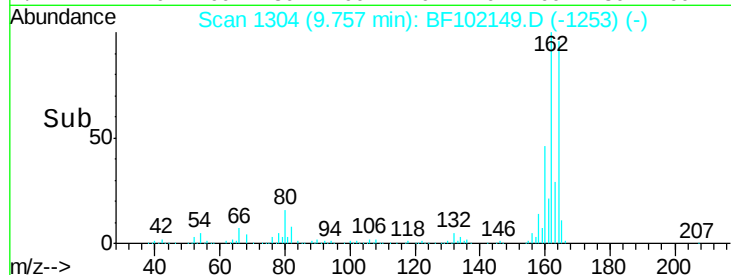
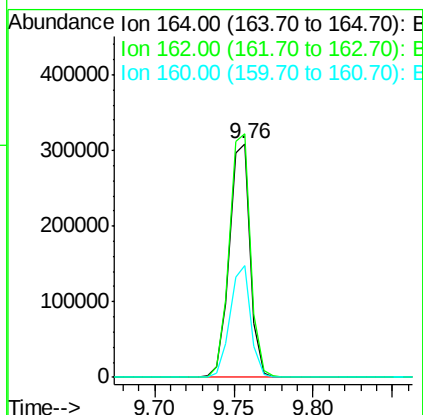
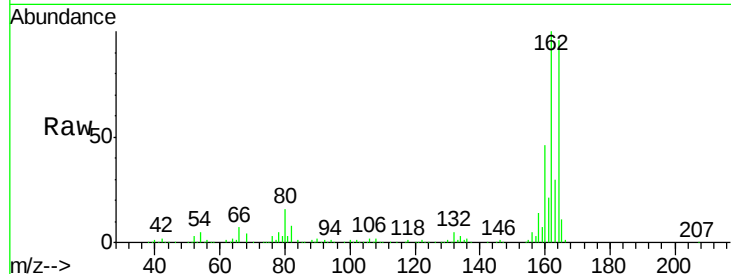




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

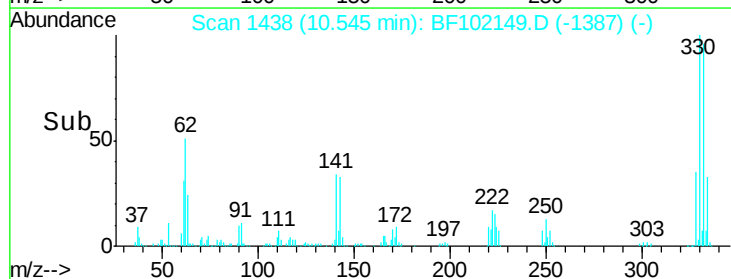
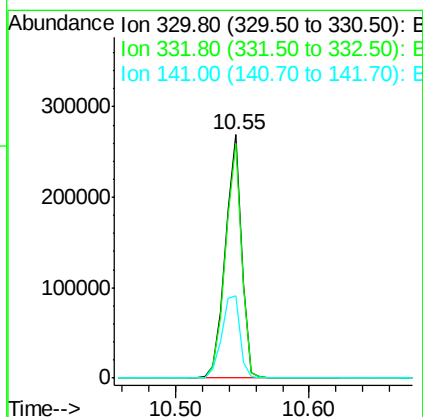
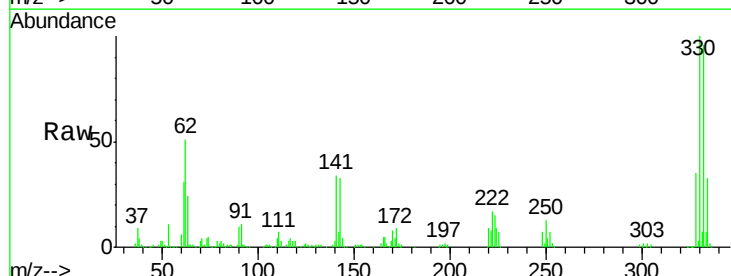
Instrument :
BNA_F
ClientSampleId :

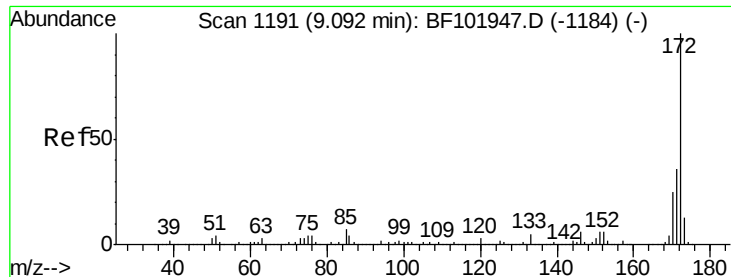
Tot Ion:164 Resp: 281544
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 47.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 95.051 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

Tgt Ion:330 Resp: 233539
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 38.1 29.9 44.9

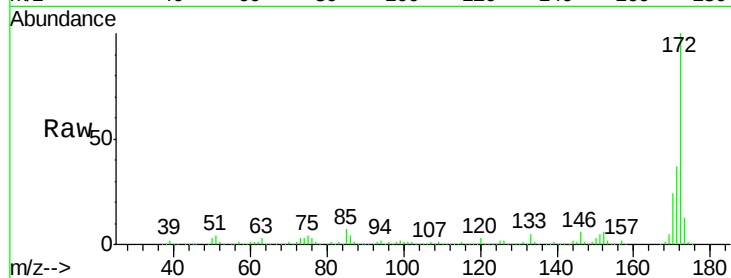




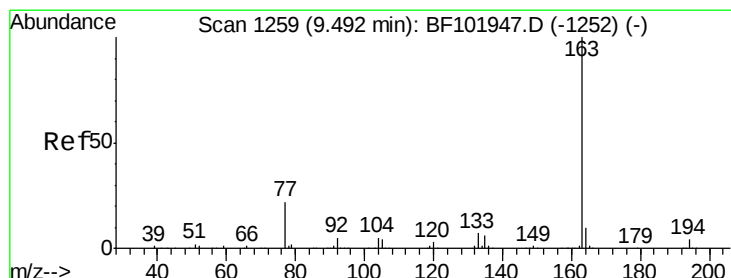
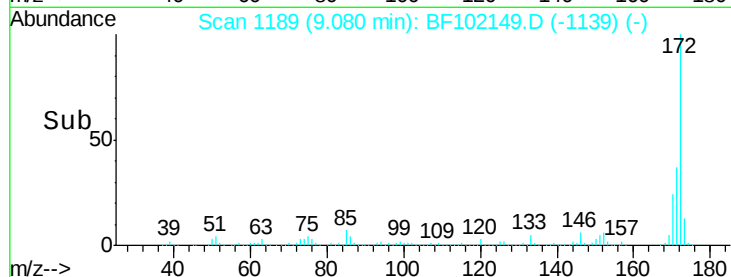
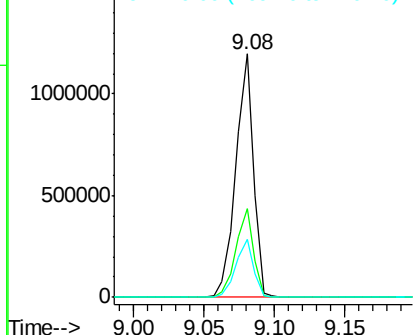
#44
2-Fluorobiphenyl
Concen: 58.123 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1047465
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.1 19.6 29.4

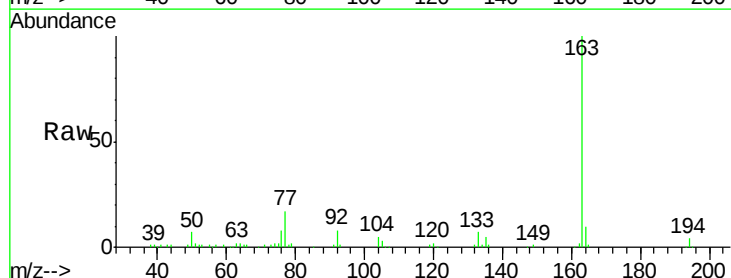


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

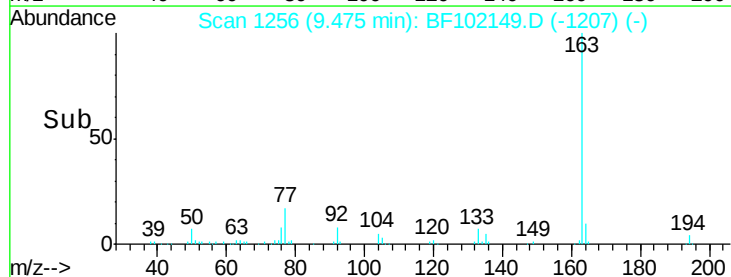
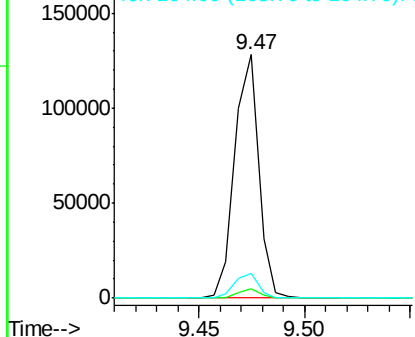


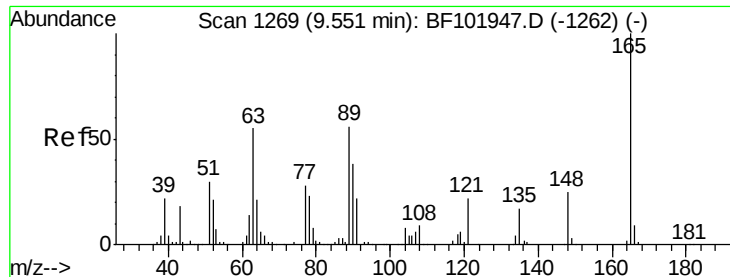
#49
Dimethylphthalate
Concen: 4.451 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

Tgt Ion:163 Resp: 100519
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 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

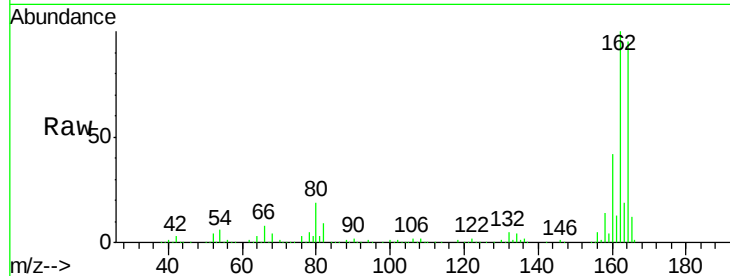




#50
2,6-Dinitrotoluene
Concen: 7.781 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

Instrument :
BNA_F
ClientSampleId :

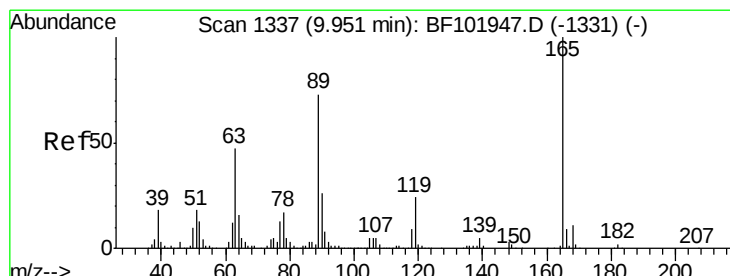
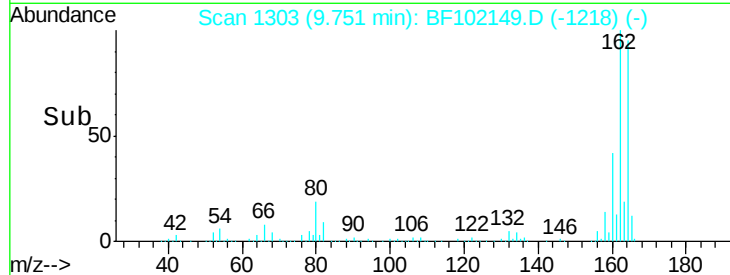
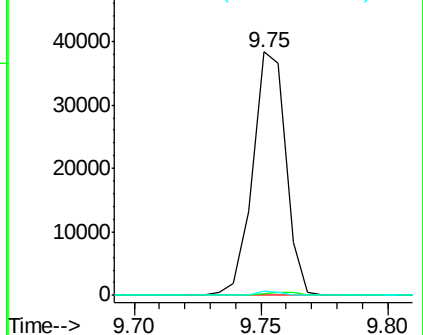
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	1.5	44.0	66.0#



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: 6.208 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

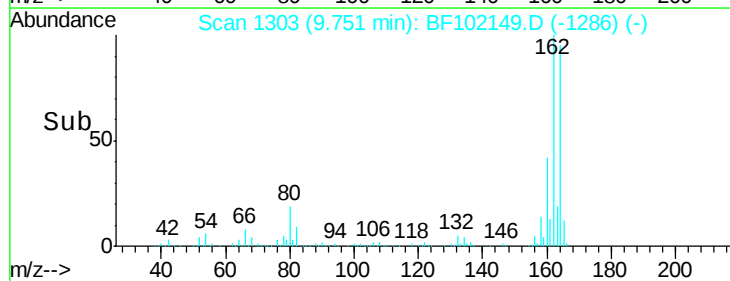
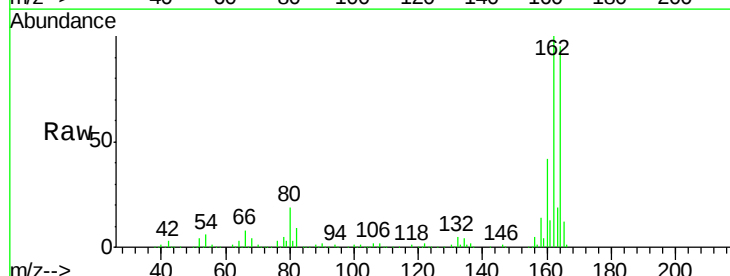
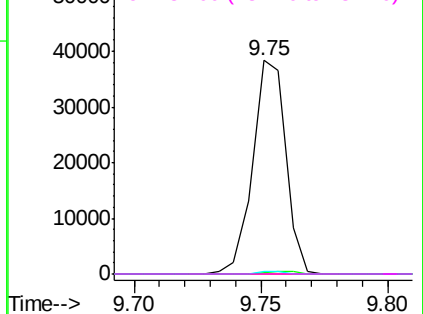
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

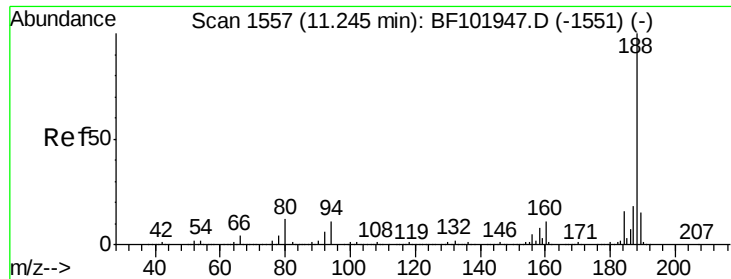
Abundance Ion 165.00 (164.70 to 165.70): E

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

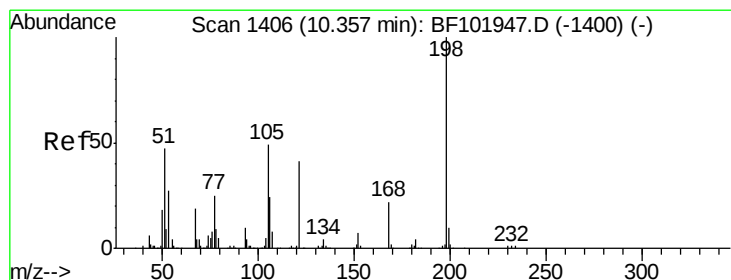
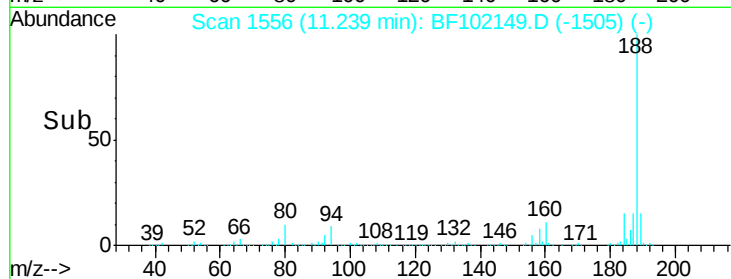
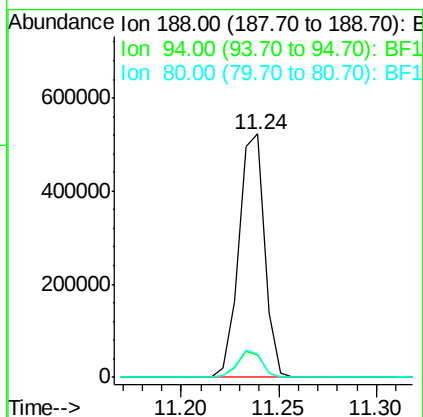
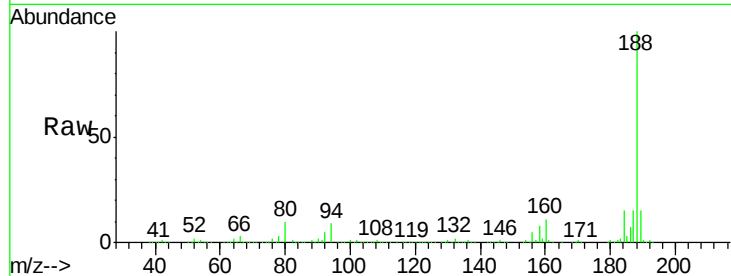




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

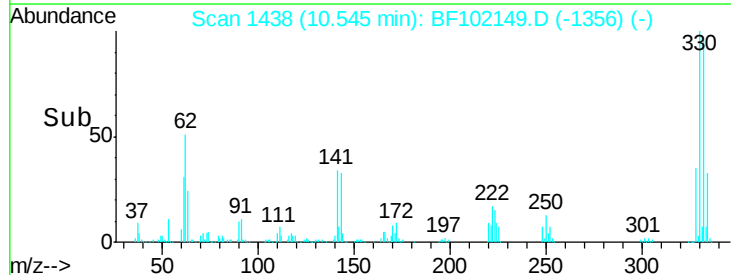
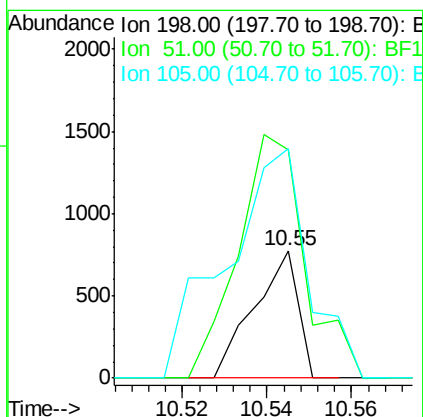
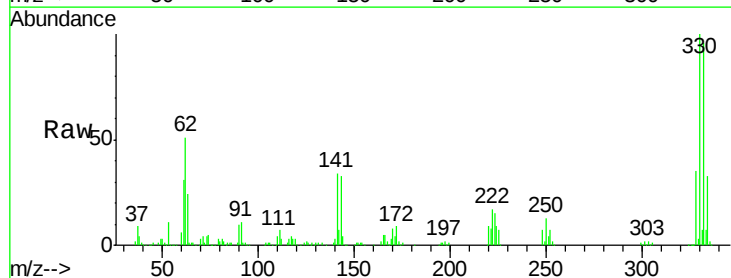
Instrument :
BNA_F
ClientSampleId :

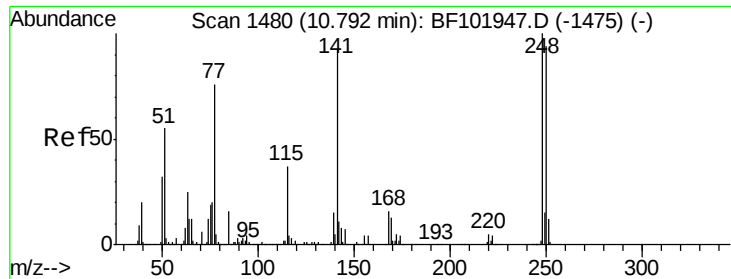
Tot Ion:188 Resp: 477668
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.854 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102149.D
Acq: 17 Jan 2018 14:57

Tgt Ion:198 Resp: 563
Ion Ratio Lower Upper
198 100
51 179.1 37.7 77.7#
105 180.5 36.3 76.3#

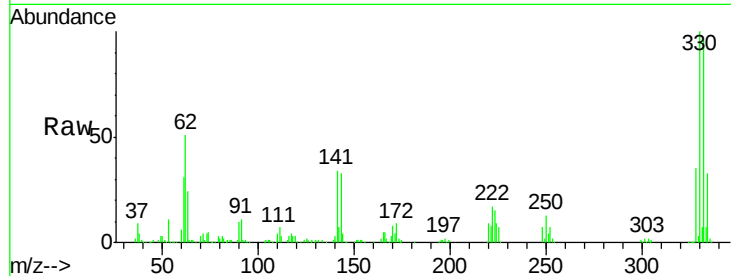




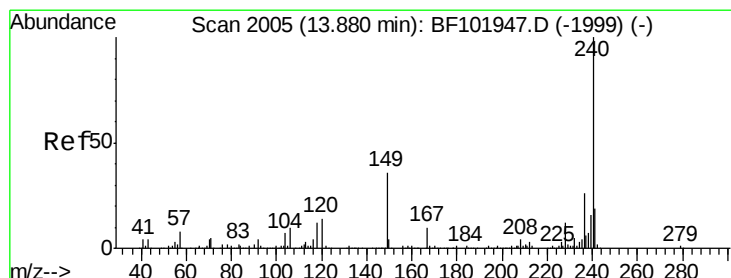
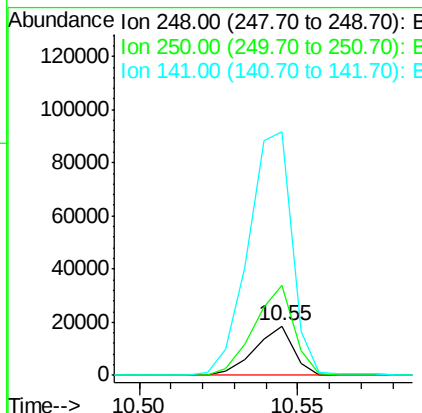
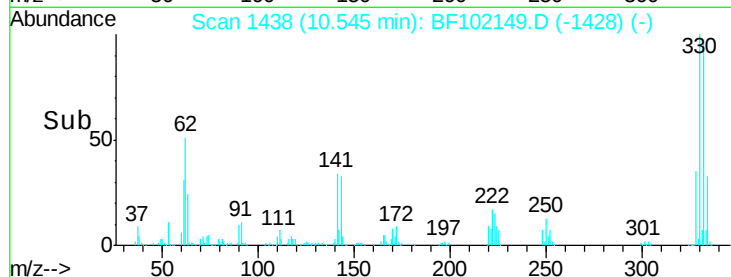
#66
 4-Bromophenyl-phenylether
 Concen: 3.078 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102149.D
 Acq: 17 Jan 2018 14:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15526
 Ion Ratio Lower Upper
 248 100
 250 182.5 76.9 115.3#
 141 493.2 74.4 111.6#

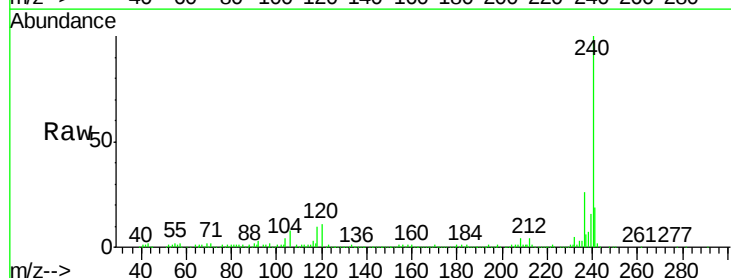


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

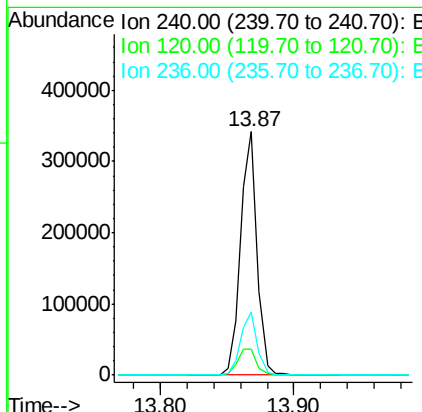
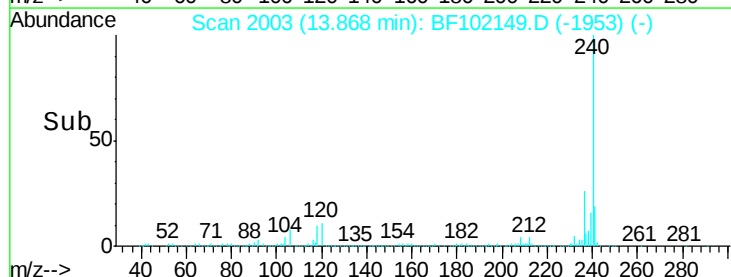


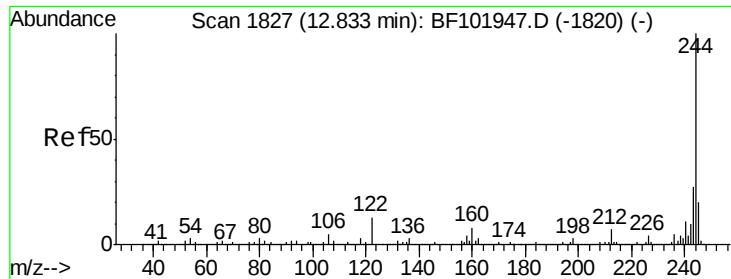
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102149.D
 Acq: 17 Jan 2018 14:57

Tgt Ion:240 Resp: 292530
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 26.0 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: 66.195 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102149.D

Acq: 17 Jan 2018 14:57

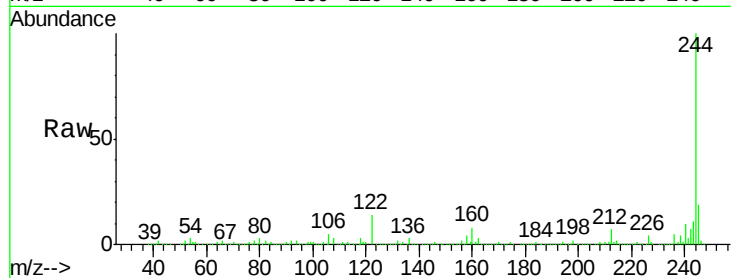
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 932637

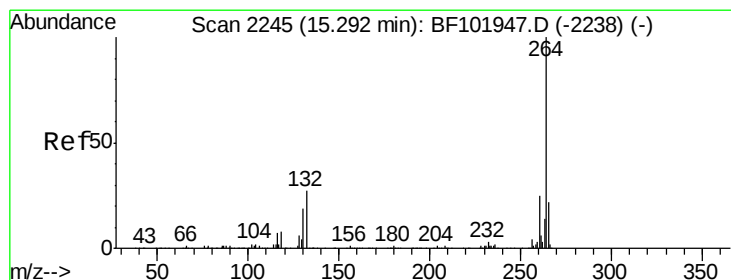
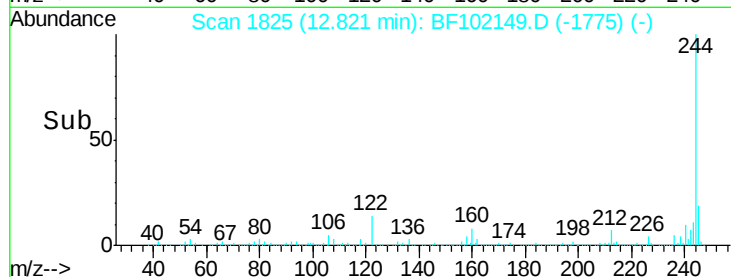
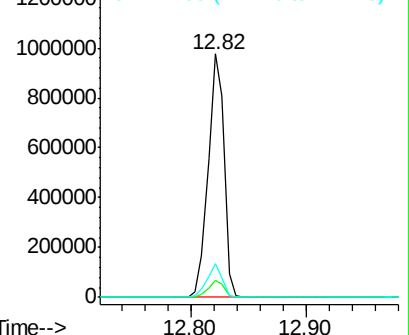
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.9	11.0	16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

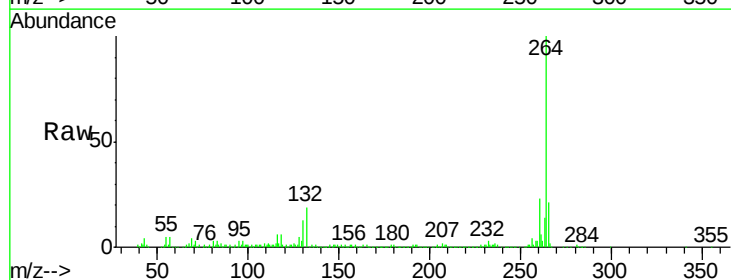
Delta R.T. -0.00 min

Lab File: BF102149.D

Acq: 17 Jan 2018 14:57

Tgt Ion:264 Resp: 250223

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.8	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

