

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112943.D
 Acq On : 8 Mar 2019 14:44
 Operator : JU/SJ
 Sample : K1783-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 22:07:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

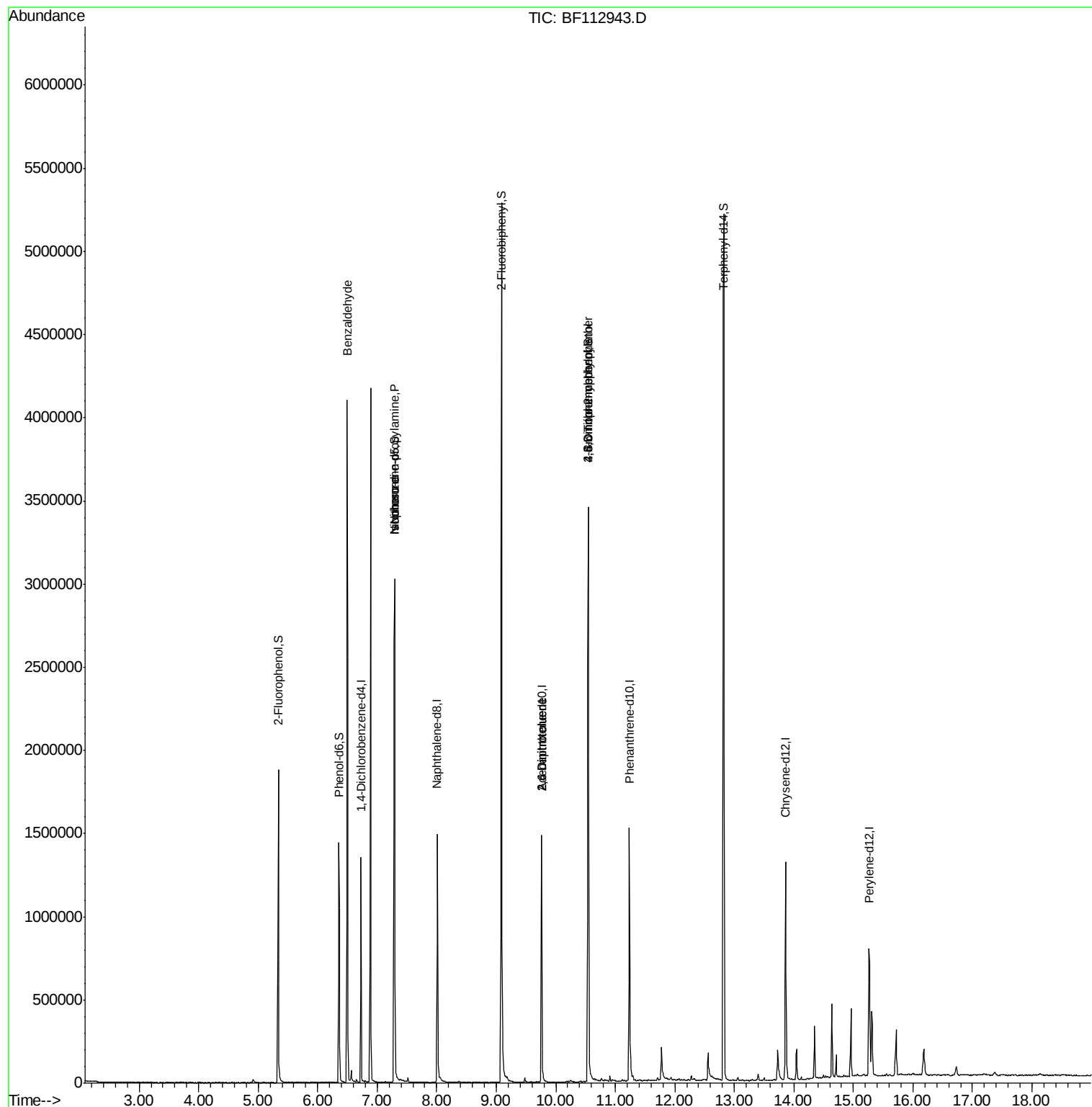
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194684	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	745022	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	356178	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	730199	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	559266	20.00	ng	-0.01
87) Perylene-d12	15.26	264	442799	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	582023	46.50	ng	0.00
7) Phenol-d6	6.36	99	464263	29.53	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1096487	88.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	514530	136.07	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1942197	92.49	ng	-0.01
79) Terphenyl-d14	12.82	244	2089412	72.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	24028	2.121	ng	# 73
19) n-Nitroso-di-n-propylamine	7.29	70	144225	14.485	ng	# 75
25) Isophorone	7.29	82	1084068	40.416	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	44949	8.219	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	44949	6.612	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	680	4.818	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	28634	3.723	ng	# 1

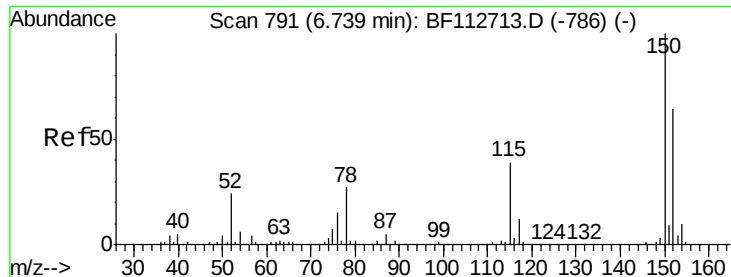
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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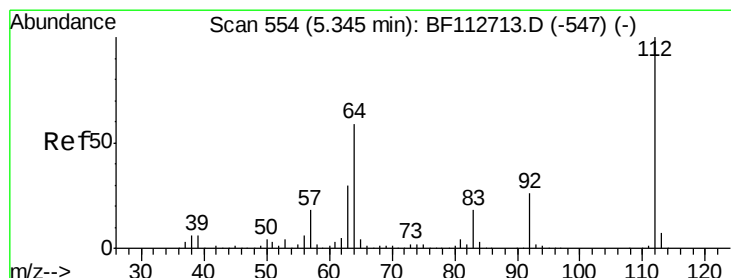
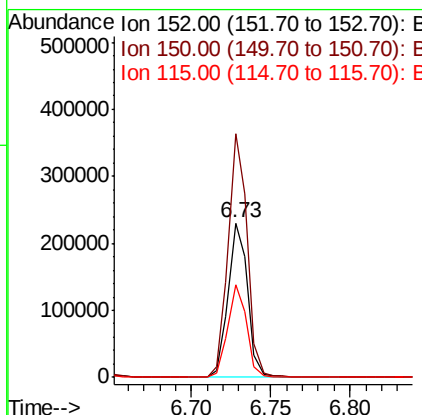
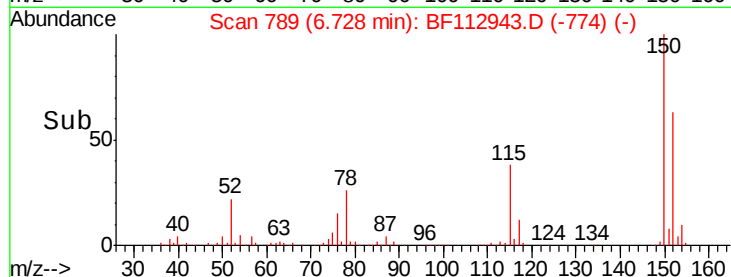
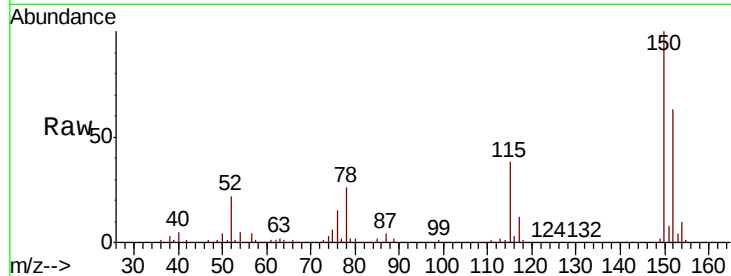


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112943.D
Acq: 8 Mar 2019 14:44

Instrument :
BNA_F
ClientSampleId :

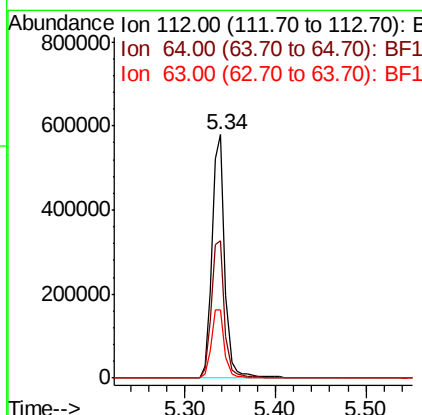
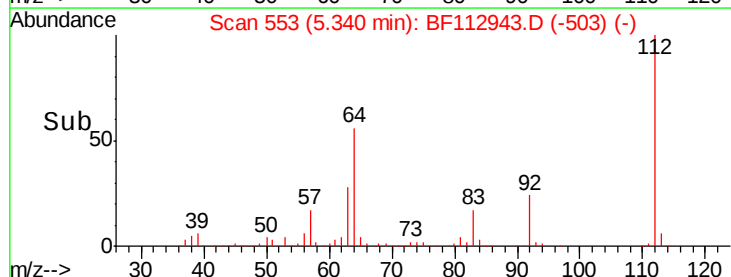
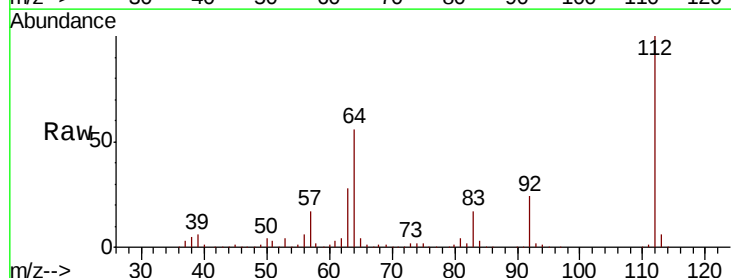
Tot Ion:152 Resp: 194684
Ion Ratio Lower Upper
152 100
150 157.9 124.2 186.2
115 60.3 48.2 72.4

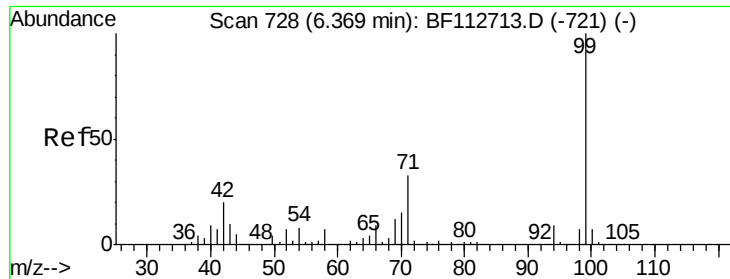


#5

2-Fluorophenol
Concen: 46.504 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112943.D
Acq: 8 Mar 2019 14:44

Tgt Ion:112 Resp: 582023
Ion Ratio Lower Upper
112 100
64 56.2 47.6 71.4
63 28.0 24.4 36.6





#7

Phenol-d6

Concen: 29.530 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112943.D

Acq: 8 Mar 2019 14:44

Instrument :

BNA_F

ClientSampled :

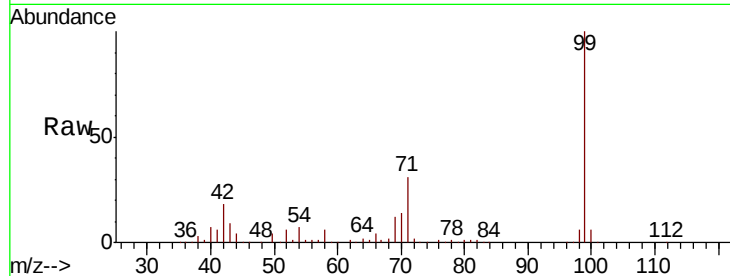
Tot Ion: 99 Resp: 464263

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

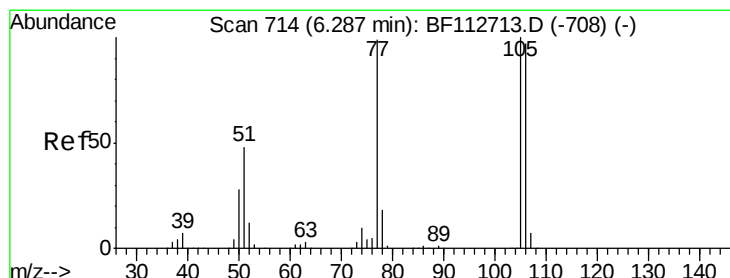
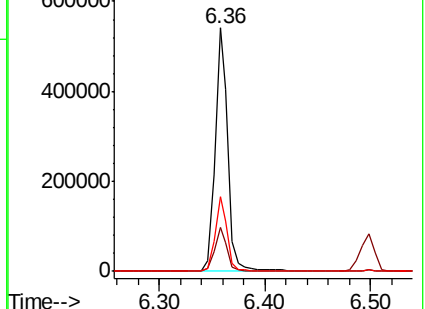
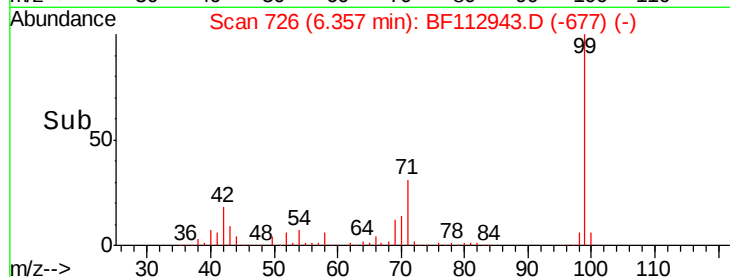
71 30.7 26.2 39.4



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



#9

Benzaldehyde

Concen: 2.121 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.21 min

Lab File: BF112943.D

Acq: 8 Mar 2019 14:44

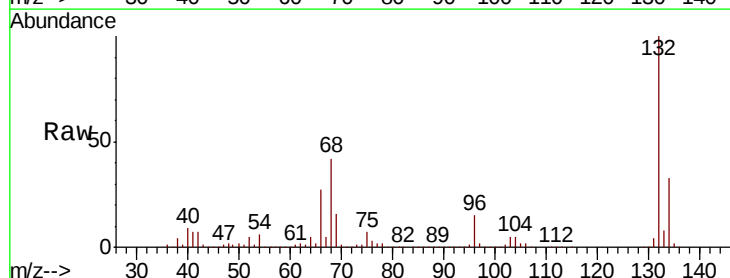
Tgt Ion: 77 Resp: 24028

Ion Ratio Lower Upper

77 100

105 78.9 81.4 121.4#

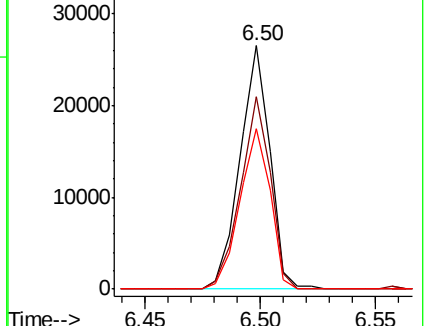
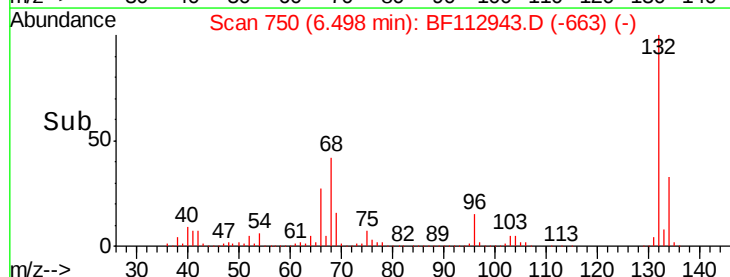
106 66.1 78.3 118.3#

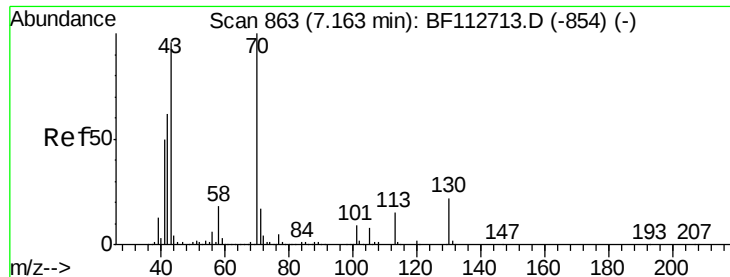


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

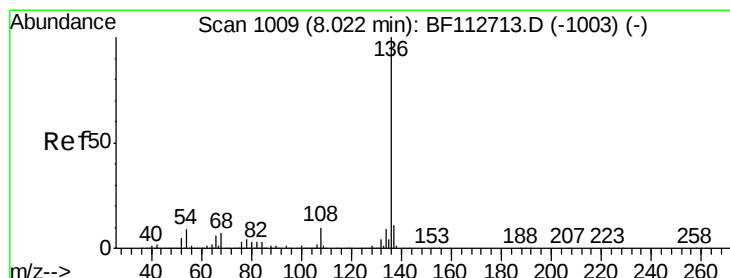
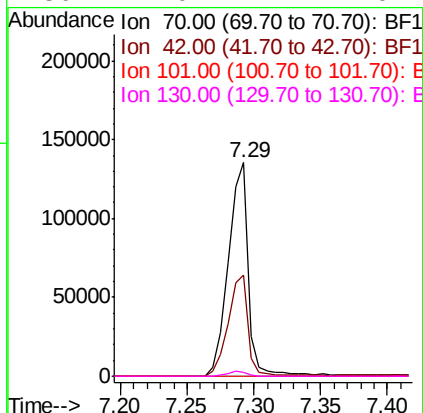
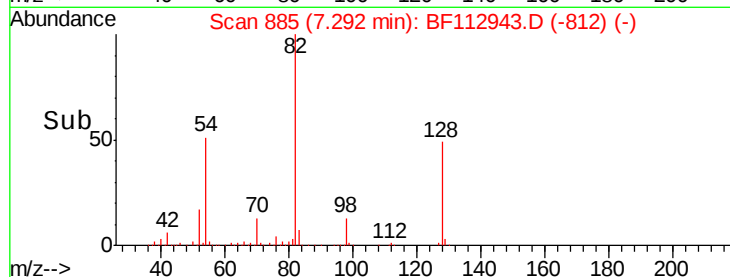
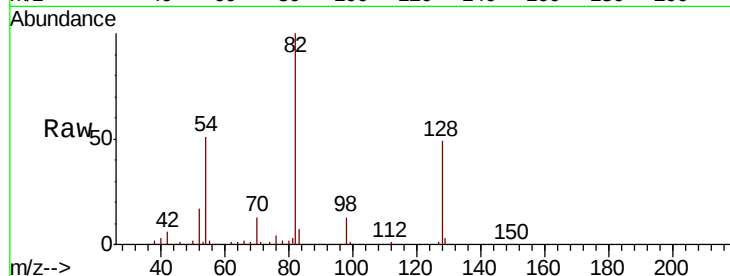




#19
n-Nitroso-di-n-propylamine
Concen: 14.485 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112943.D
Acq: 8 Mar 2019 14:44

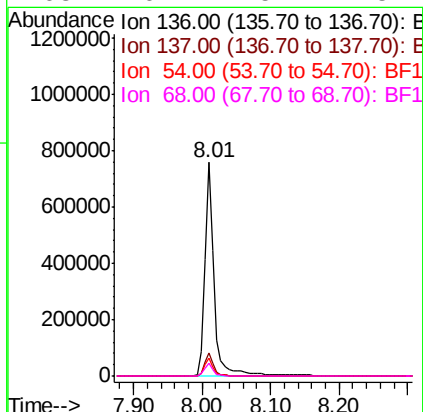
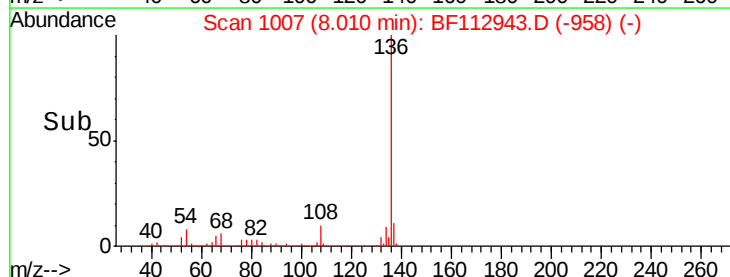
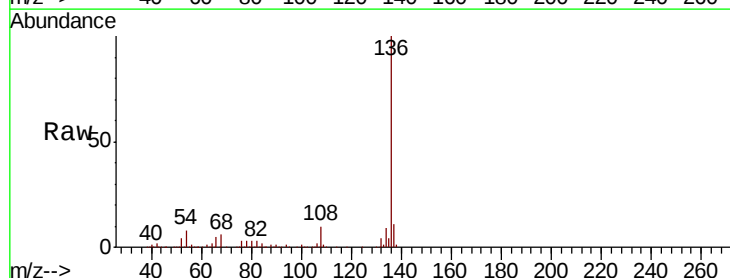
Instrument :
BNA_F
ClientSampleId :

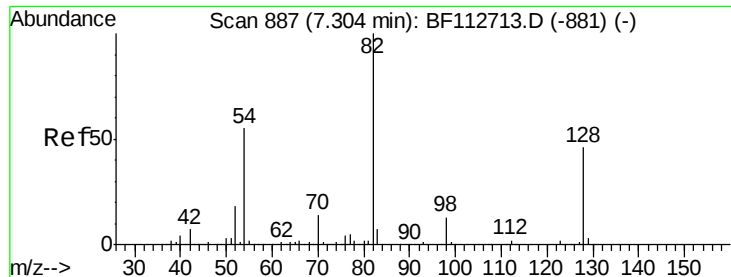
Tot Ion: 70 Resp: 144225
Ion Ratio Lower Upper
70 100
42 47.5 49.9 74.9#
101 0.0 7.4 11.2#
130 2.0 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112943.D
Acq: 8 Mar 2019 14:44

Tgt Ion: 136 Resp: 745022
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 7.3 10.9
68 6.1 5.4 8.2

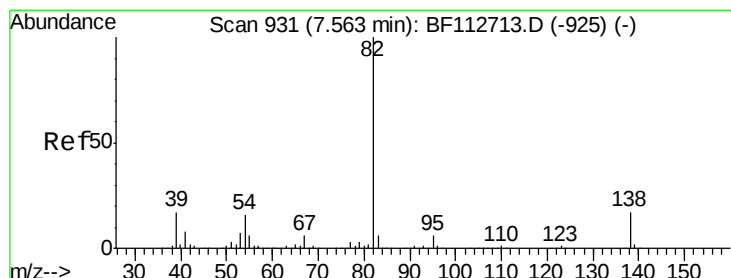
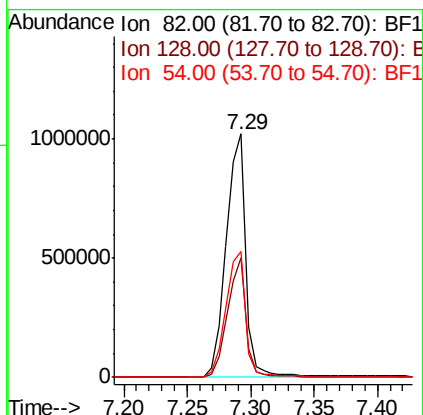
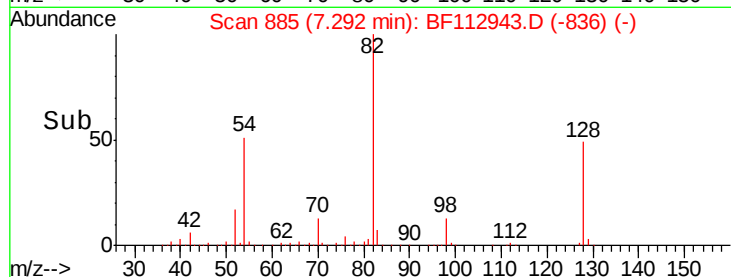
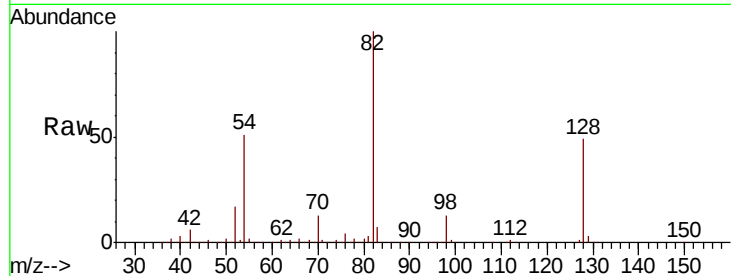




#23
Nitrobenzene-d5
Concen: 88.067 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112943.D
Acq: 8 Mar 2019 14:44

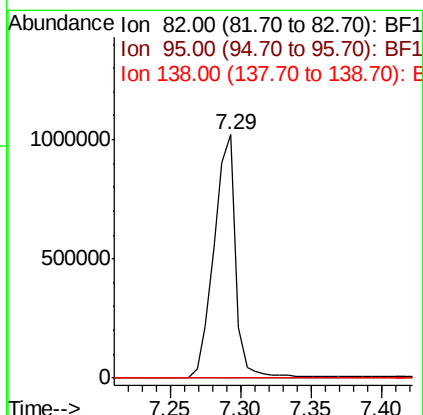
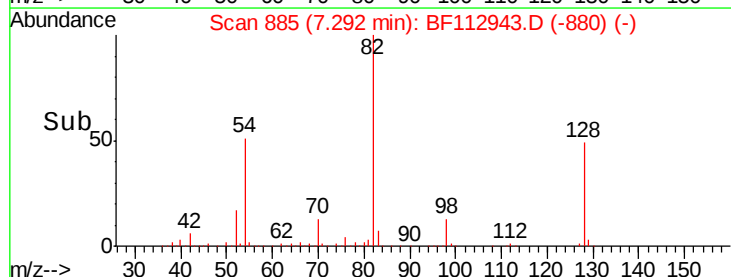
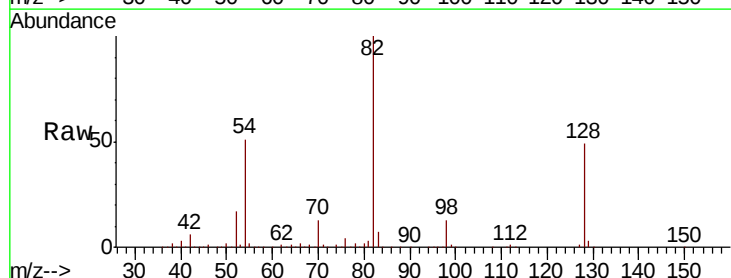
Instrument :
BNA_F
ClientSampled :

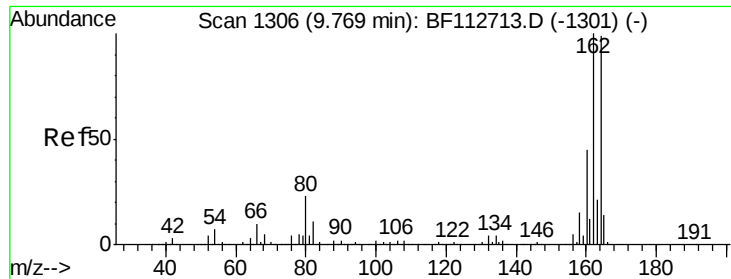
Tot Ion: 82 Resp: 1096487
Ion Ratio Lower Upper
82 100
128 49.2 36.3 54.5
54 51.4 43.7 65.5



#25
Isophorone
Concen: 40.416 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112943.D
Acq: 8 Mar 2019 14:44

Tgt Ion: 82 Resp: 1084068
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

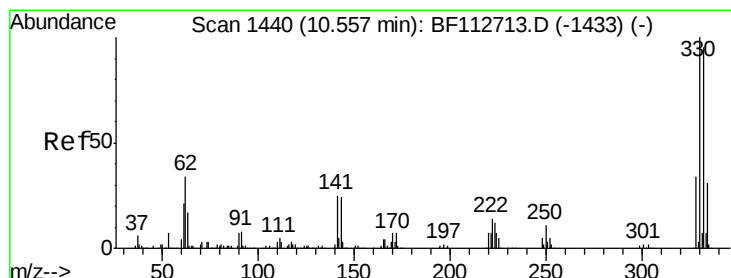
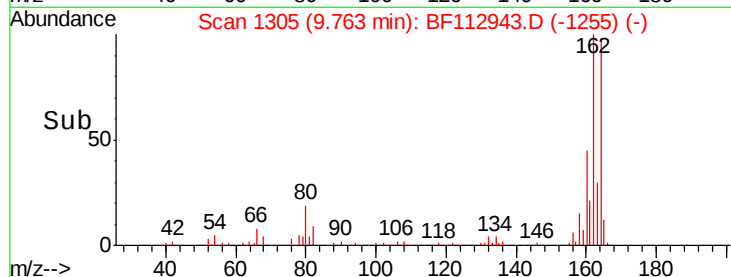
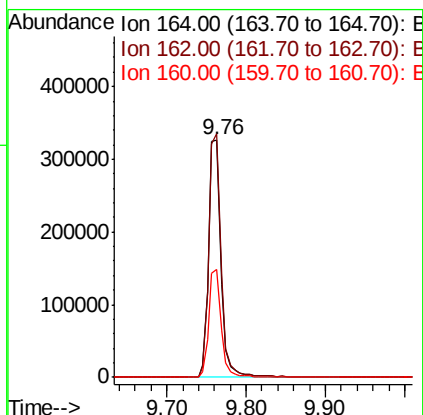
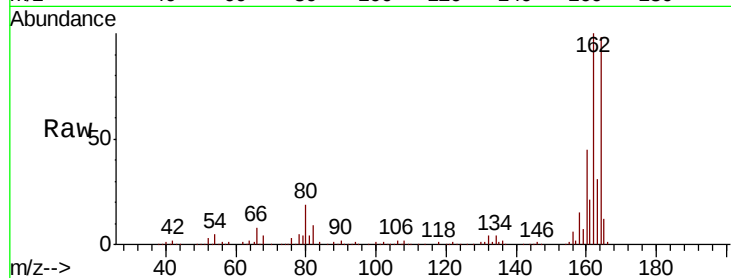




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112943.D
 Acq: 8 Mar 2019 14:44

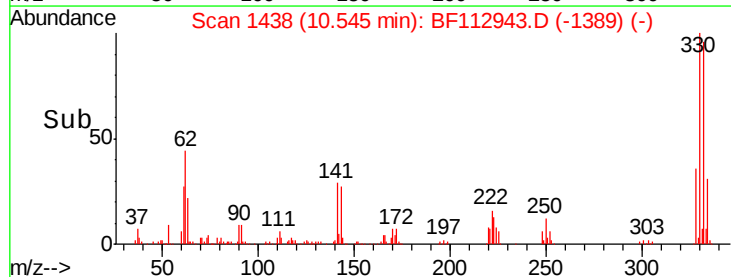
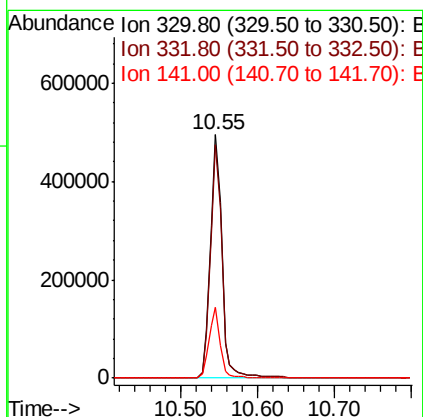
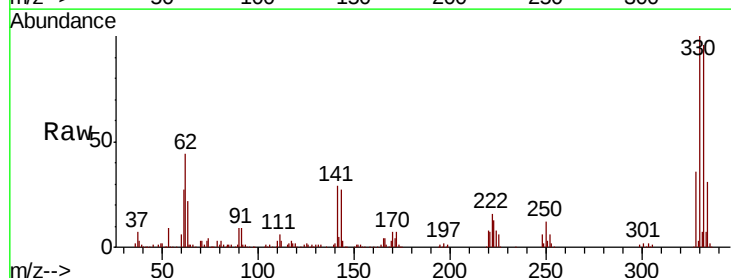
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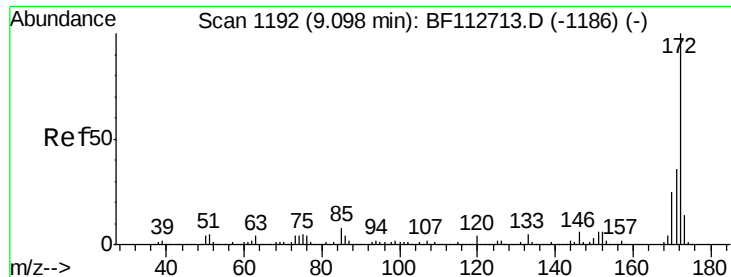
Tot Ion:164 Resp: 356178
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.6 120.8
 160 45.7 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 136.073 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112943.D
 Acq: 8 Mar 2019 14:44

Tgt Ion:330 Resp: 514530
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 28.2 27.0 40.6

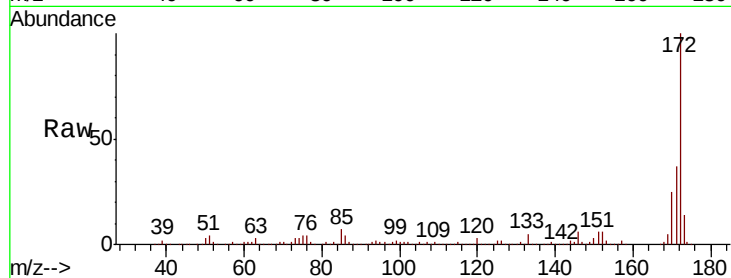




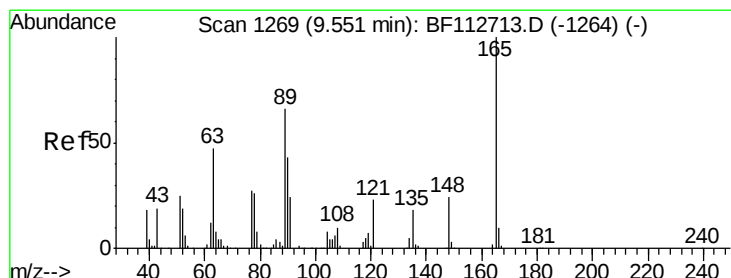
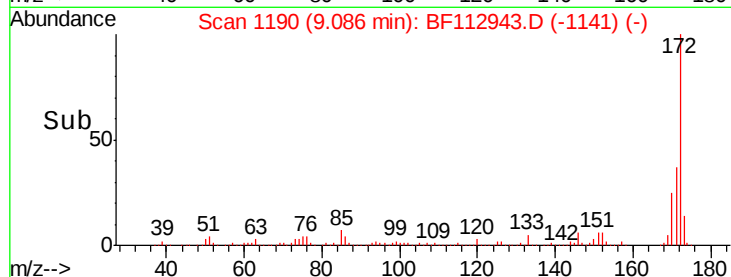
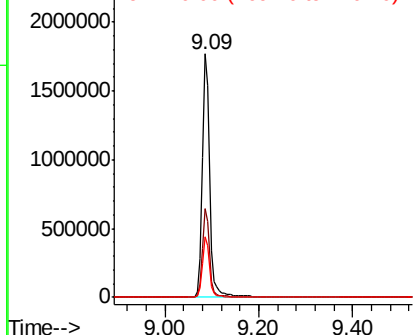
#45
2-Fluorobiphenyl
Concen: 92.494 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112943.D
Acq: 8 Mar 2019 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1942197
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.7 20.0 30.0

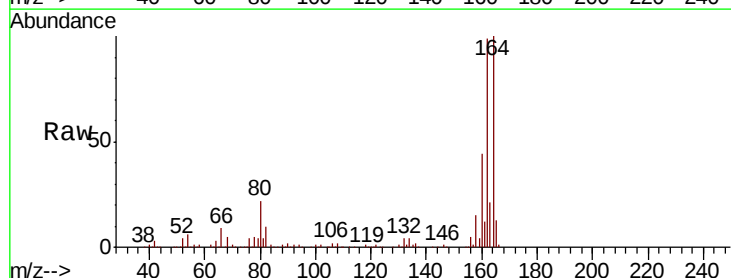


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

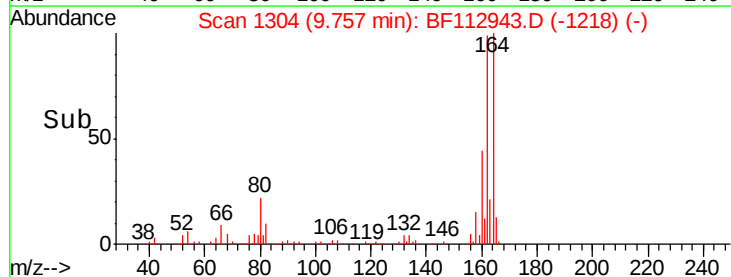
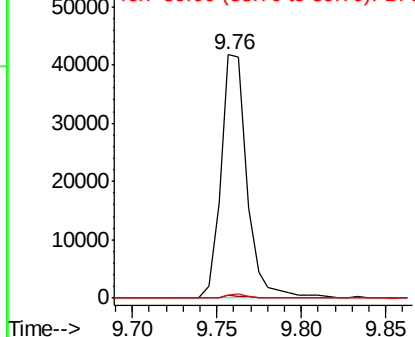


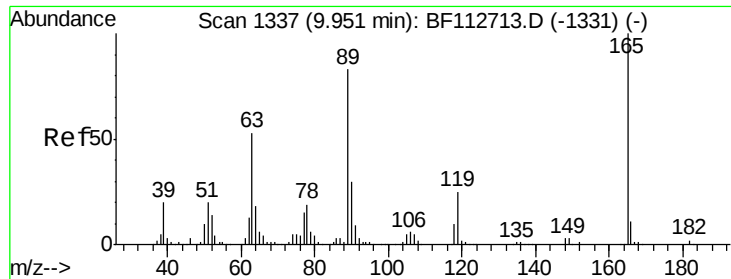
#51
2,6-Dinitrotoluene
Concen: 8.219 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112943.D
Acq: 8 Mar 2019 14:44

Tgt Ion:165 Resp: 44949
Ion Ratio Lower Upper
165 100
63 1.4 54.1 81.1#
89 1.2 52.8 79.2#



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

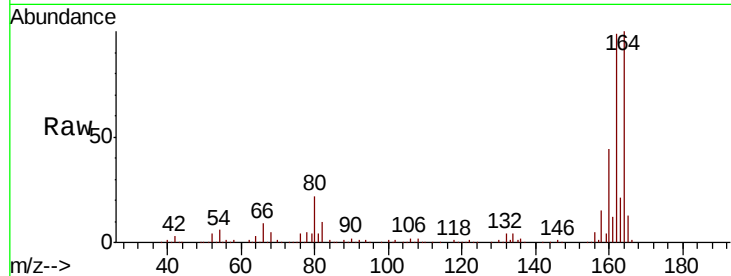




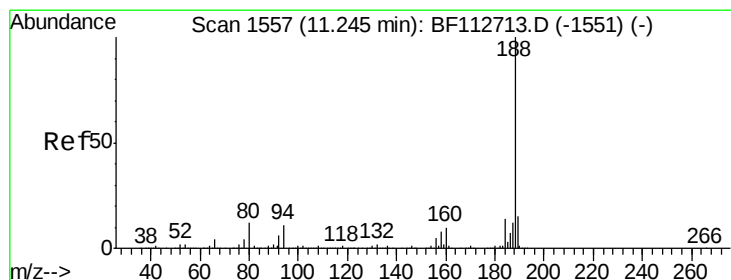
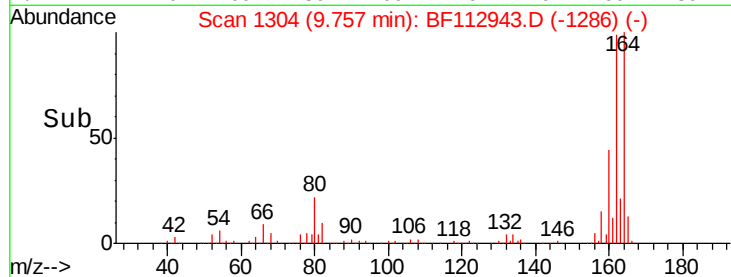
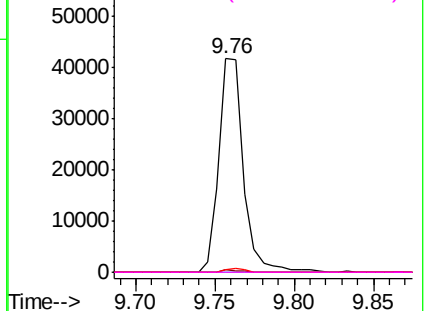
#57
 2,4-Dinitrotoluene
 Concen: 6.612 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF112943.D
 Acq: 8 Mar 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 44949
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.2 63.2#
 89 1.2 66.2 99.4#
 182 0.0 1.8 2.6#

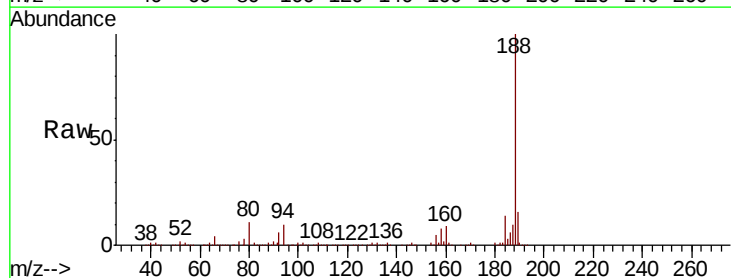


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

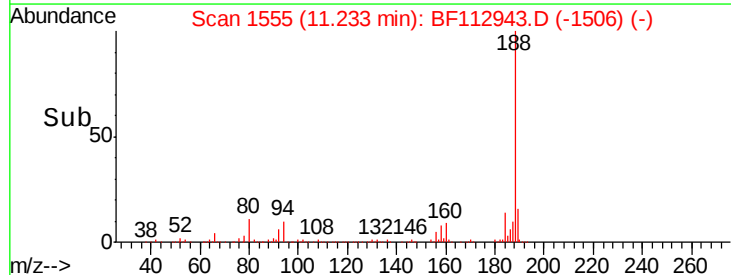
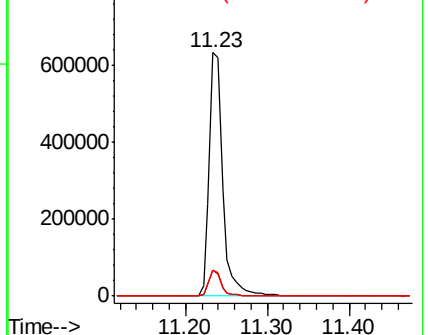


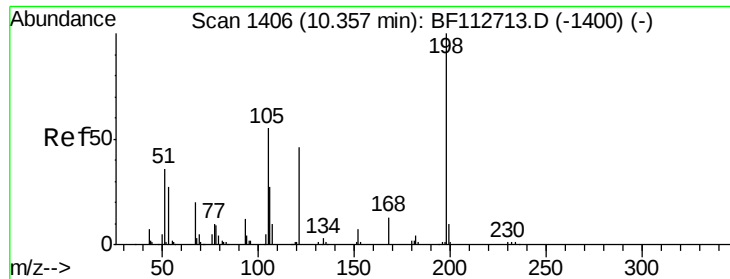
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF112943.D
 Acq: 8 Mar 2019 14:44

Tgt Ion:188 Resp: 730199
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.0 13.4
 80 10.7 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

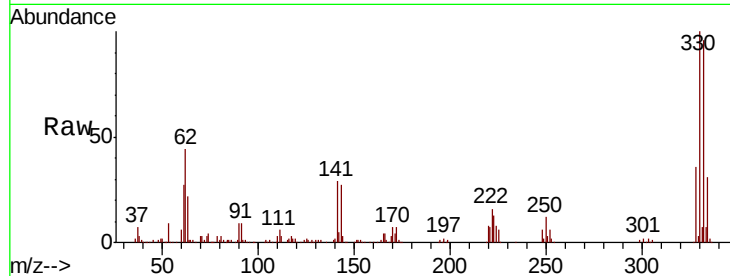




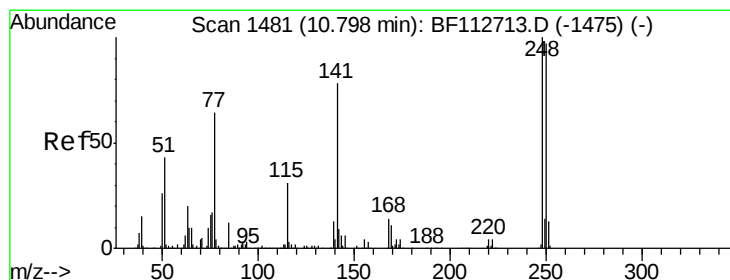
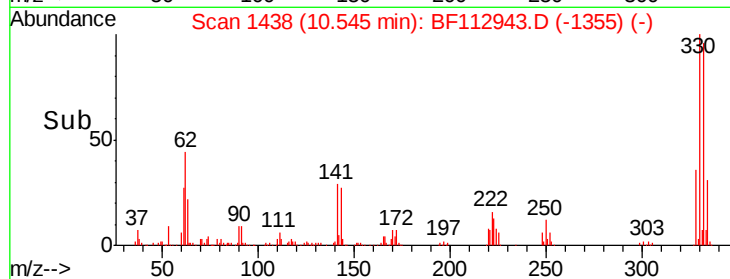
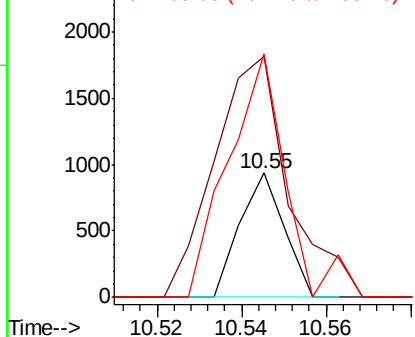
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.818 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112943.D
 Acq: 8 Mar 2019 14:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 680
 Ion Ratio Lower Upper
 198 100
 51 194.0 43.8 83.8#
 105 196.4 36.5 76.5#

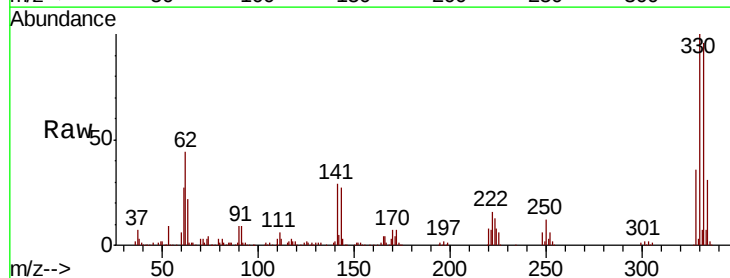


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

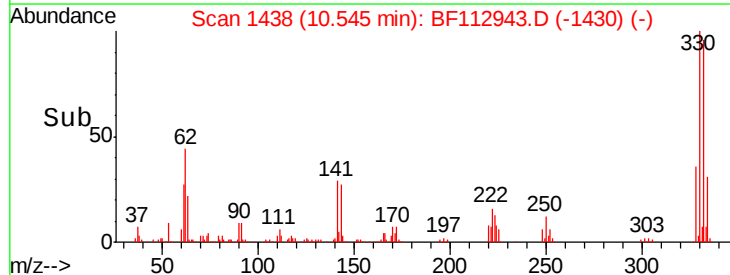
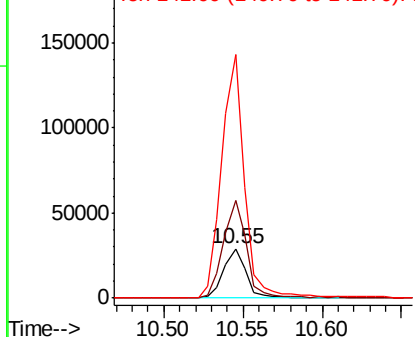


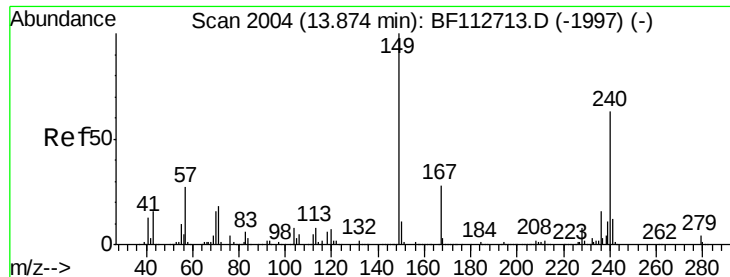
#67
 4-Bromophenyl-phenylether
 Concen: 3.723 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112943.D
 Acq: 8 Mar 2019 14:44

Tgt Ion:248 Resp: 28634
 Ion Ratio Lower Upper
 248 100
 250 196.9 77.5 116.3#
 141 492.2 62.4 93.6#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112943.D

Acq: 8 Mar 2019 14:44

Instrument :

BNA_F

ClientSampleId :

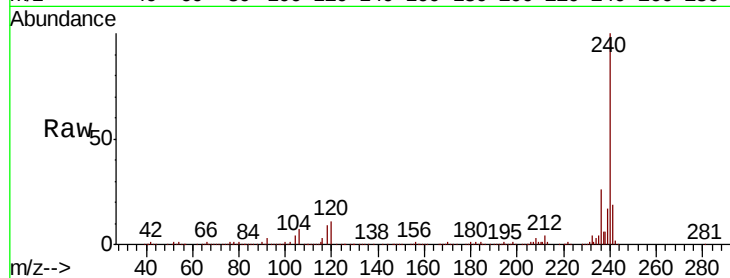
Tot Ion:240 Resp: 559266

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

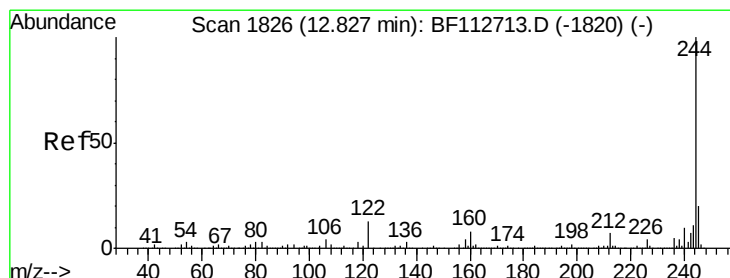
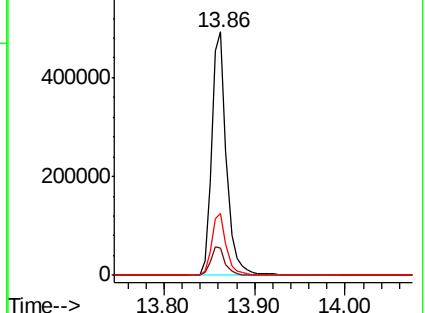
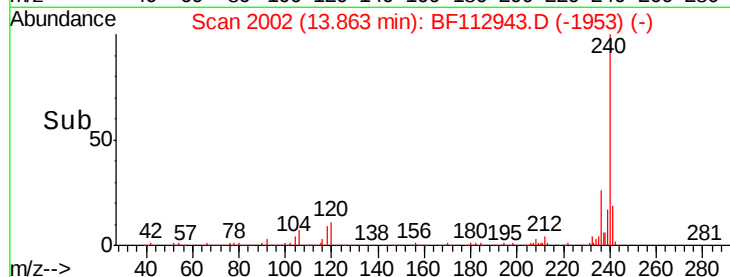
236 25.6 20.7 31.1



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



#79

Terphenyl-d14

Concen: 72.422 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112943.D

Acq: 8 Mar 2019 14:44

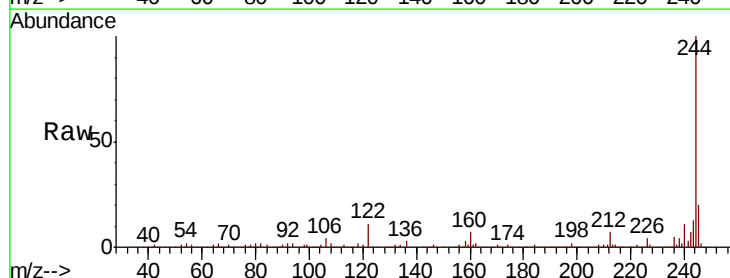
Tgt Ion:244 Resp: 2089412

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

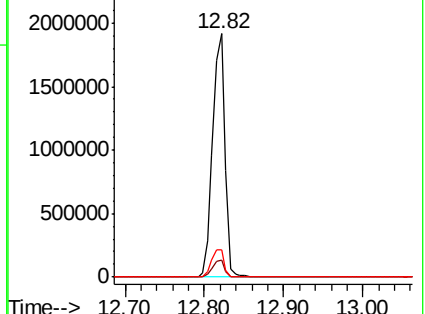
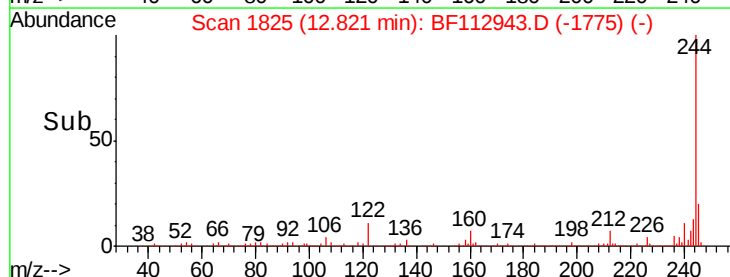
122 11.3 10.5 15.7

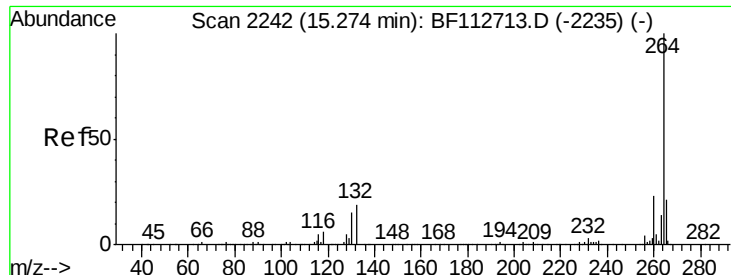


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112943.D
 Acq: 8 Mar 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.2	17.2	25.8

