

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112942.D
 Acq On : 8 Mar 2019 14:17
 Operator : JU/SJ
 Sample : K1807-29
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 22:07:15 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

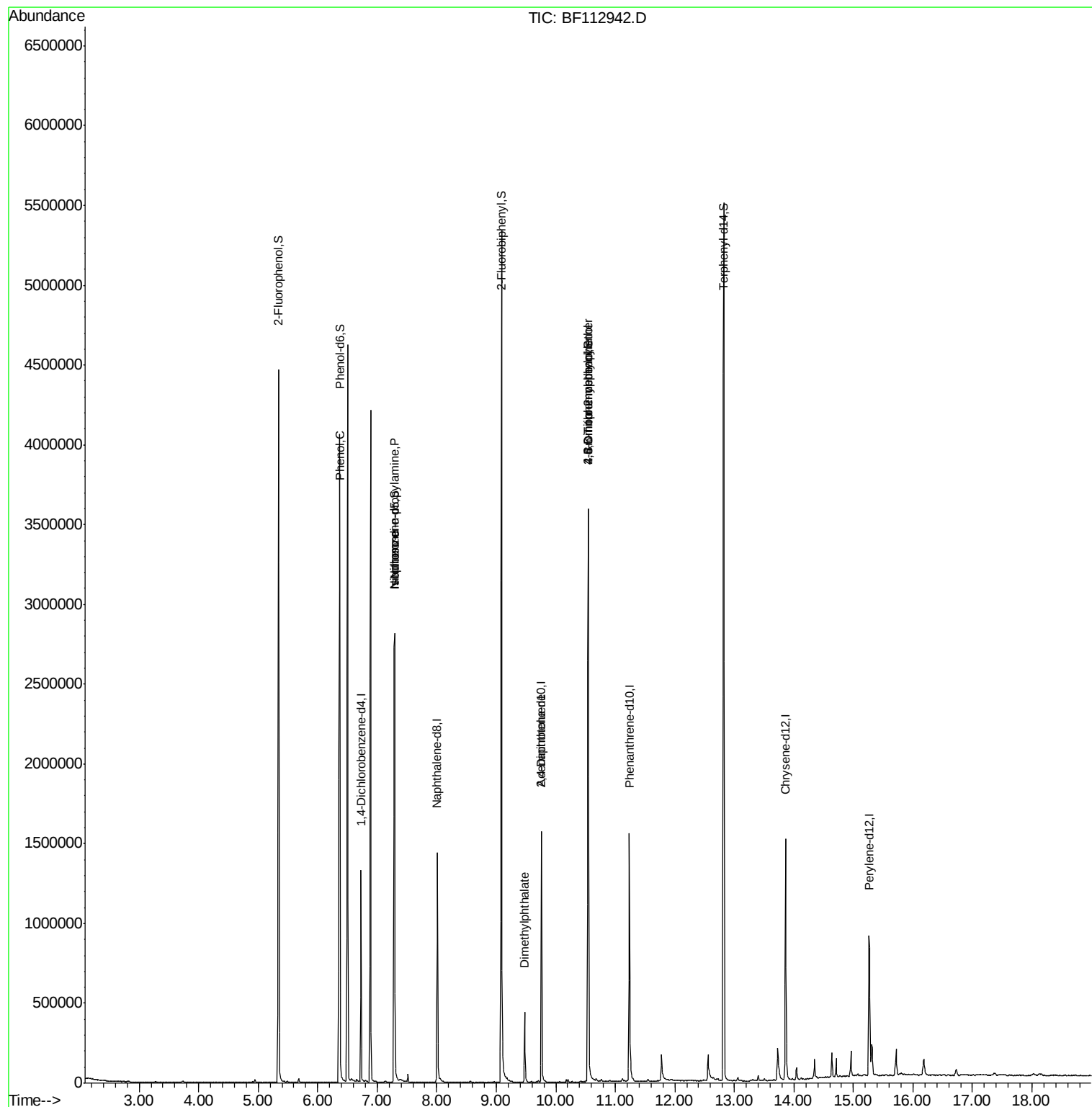
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	196594	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	741897	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	355212	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	751016	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	626619	20.00	ng	-0.01
87) Perylene-d12	15.26	264	499172	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1401151	110.87	ng	0.00
7) Phenol-d6	6.37	99	1776710	111.91	ng	0.00
23) Nitrobenzene-d5	7.29	82	1092607	88.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	531976	141.07	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1921455	91.46	ng	-0.01
79) Terphenyl-d14	12.82	244	2119580	65.57	ng	0.00
Target Compounds						
10) Phenol	6.38	94	60074	3.243	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	144003	14.322	ng	# 74
25) Isophorone	7.29	82	1070746	40.087	ng	# 66
50) Dimethylphthalate	9.48	163	208759	7.970	ng	99
57) 2,4-Dinitrotoluene	9.76	165	45287	6.680	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	783	4.842	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	29702	3.755	ng	# 1

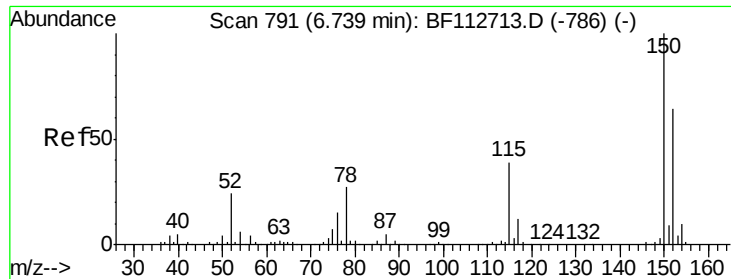
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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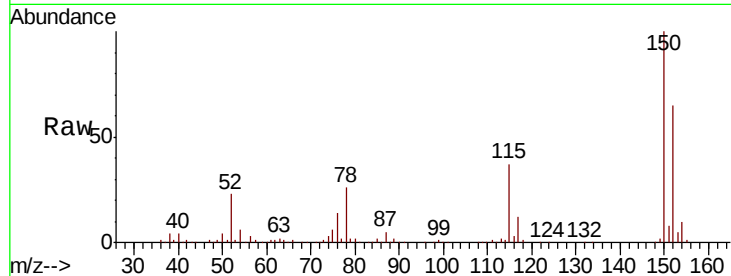




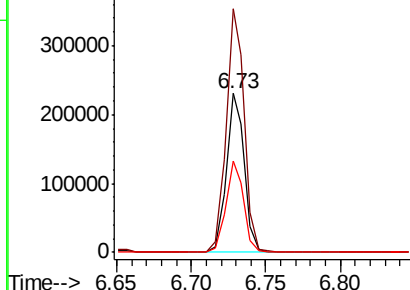
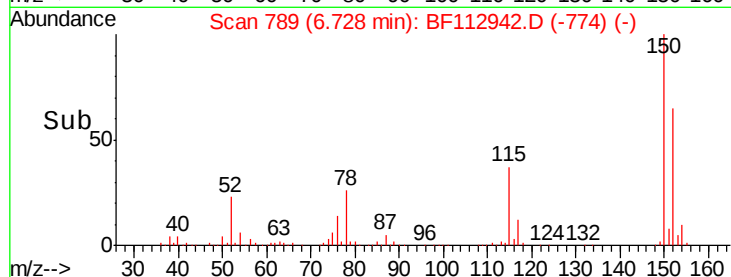
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112942.D
 Acq: 8 Mar 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 196594
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.2 186.2
 115 57.2 48.2 72.4

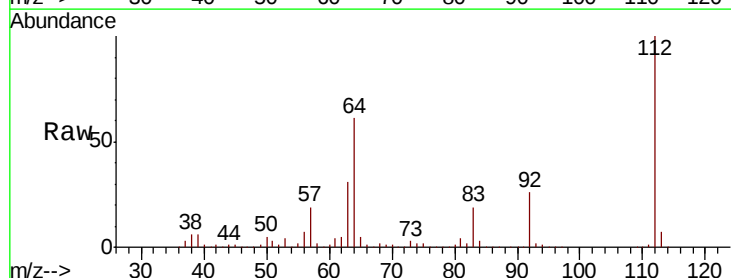


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

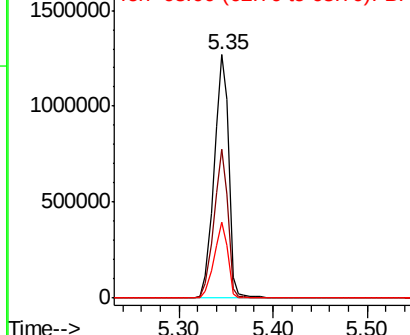
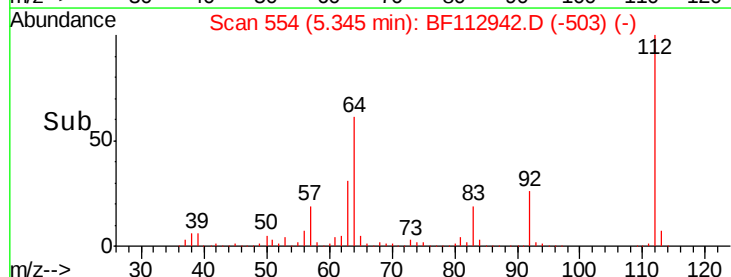


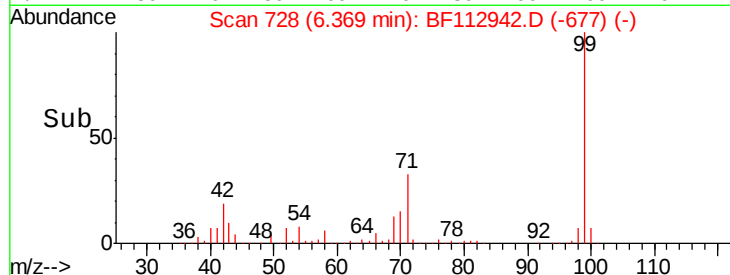
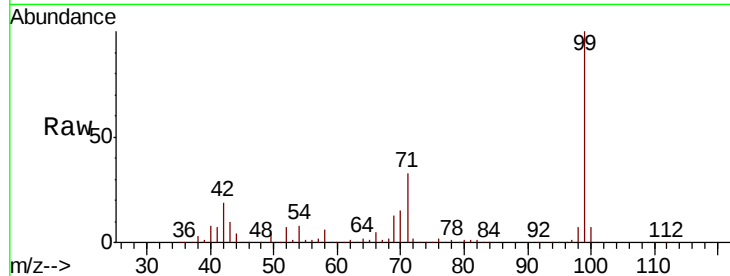
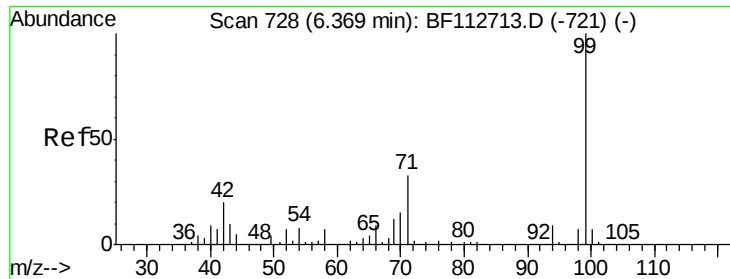
#5
 2-Fluorophenol
 Concen: 110.866 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF112942.D
 Acq: 8 Mar 2019 14:17

Tgt Ion:112 Resp: 1401151
 Ion Ratio Lower Upper
 112 100
 64 61.4 47.6 71.4
 63 31.4 24.4 36.6



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: 111.913 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112942.D

Acq: 8 Mar 2019 14:17

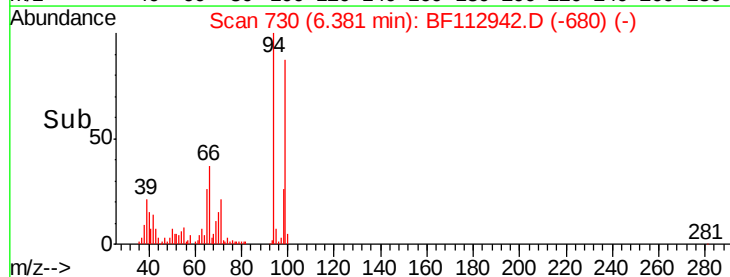
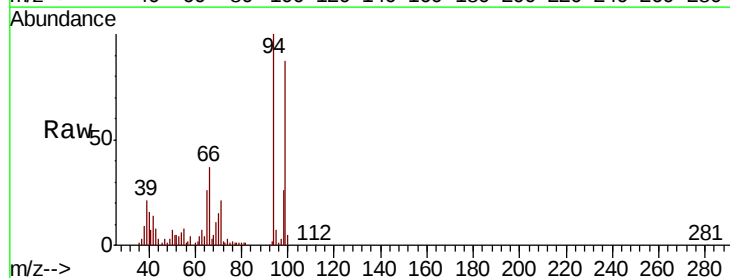
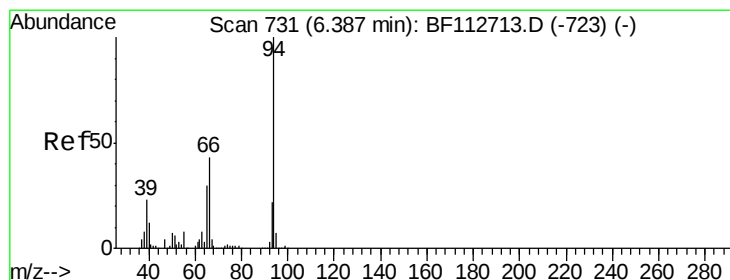
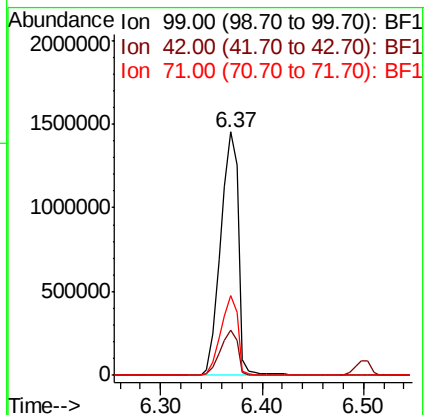
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1776710

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	32.7	26.2	39.4



#10

Phenol

Concen: 3.243 ng

RT: 6.38 min Scan# 730

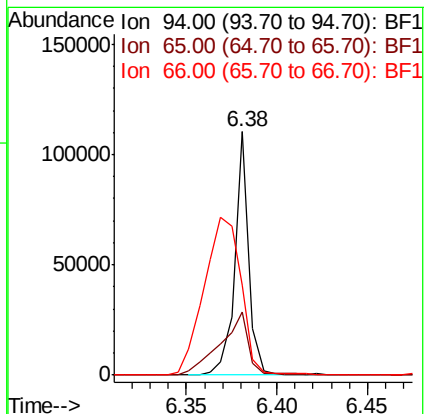
Delta R.T. -0.01 min

Lab File: BF112942.D

Acq: 8 Mar 2019 14:17

Tgt Ion: 94 Resp: 60074

Ion	Ratio	Lower	Upper
94	100		
65	26.1	10.5	50.5
66	36.8	22.6	62.6

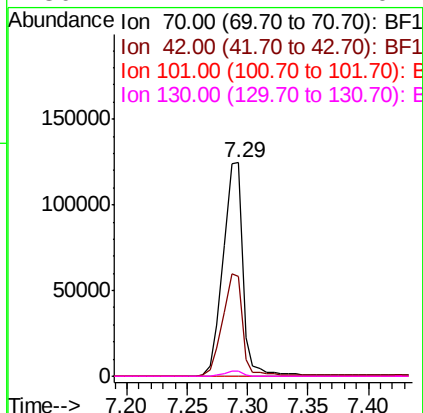
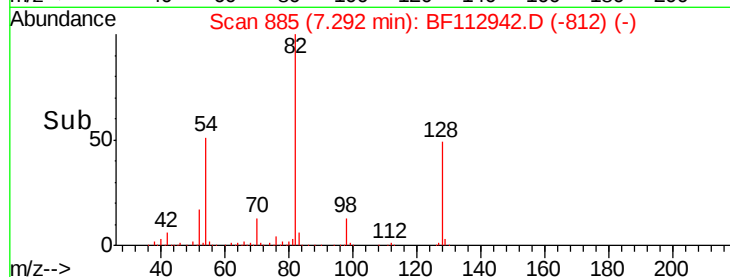
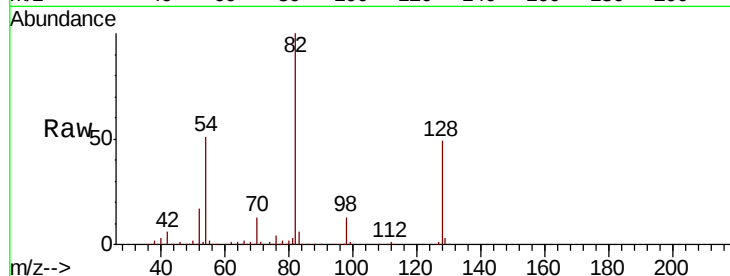




#19
n-Nitroso-di-n-propylamine
Concen: 14.322 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

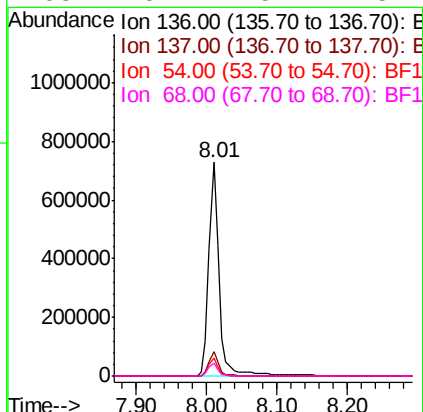
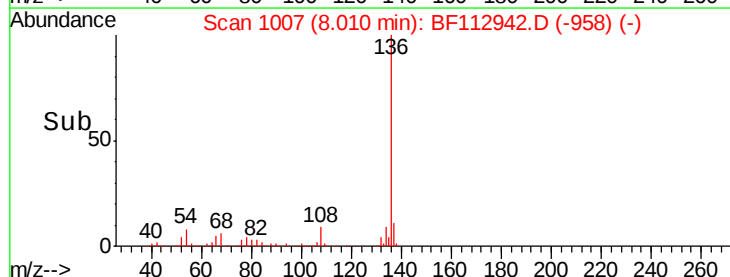
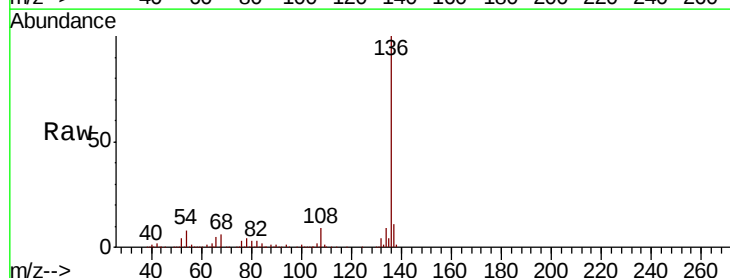
Instrument :
BNA_F
ClientSampleId :

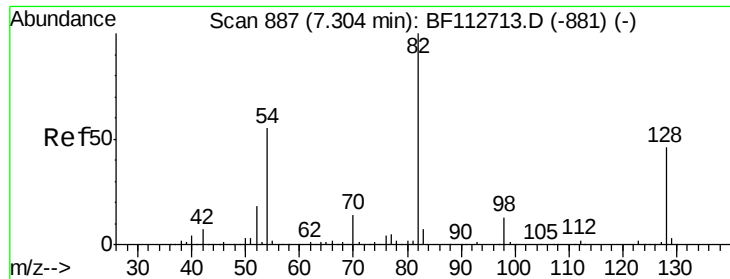
Tot Ion: 70 Resp: 144003
Ion Ratio Lower Upper
70 100
42 46.9 49.9 74.9#
101 0.0 7.4 11.2#
130 2.2 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

Tgt Ion: 136 Resp: 741897
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 7.3 10.9
68 6.2 5.4 8.2

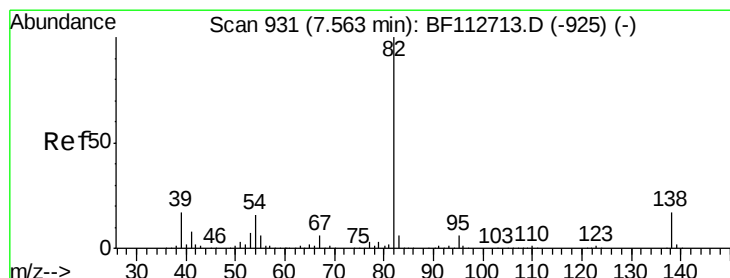
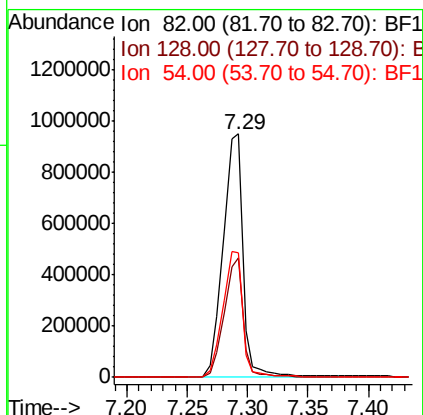
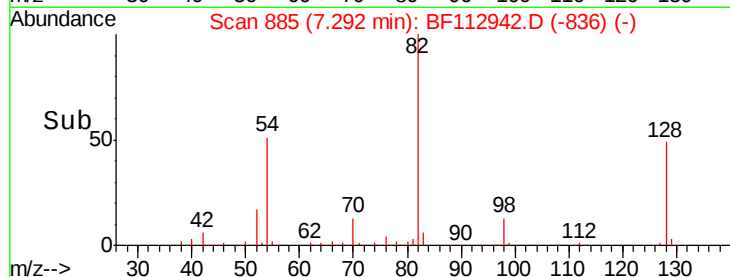
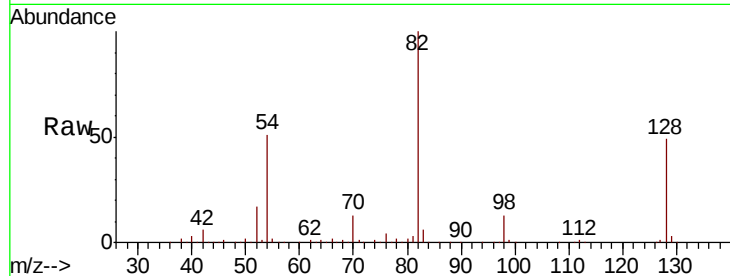




#23
Nitrobenzene-d5
Concen: 88.125 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

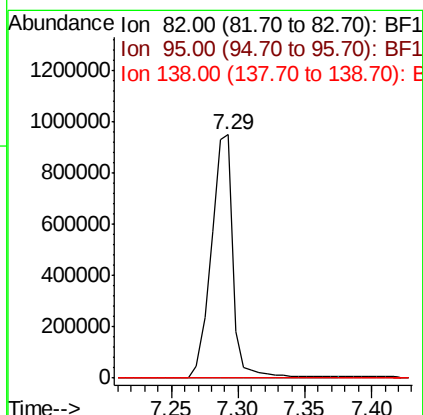
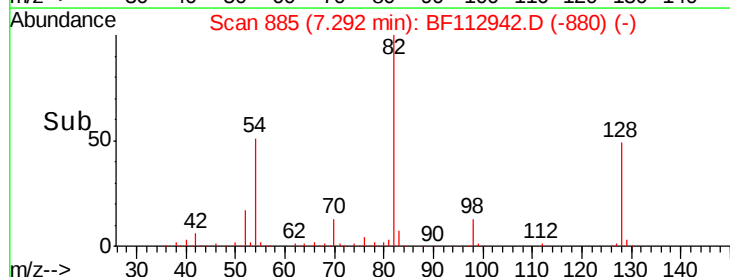
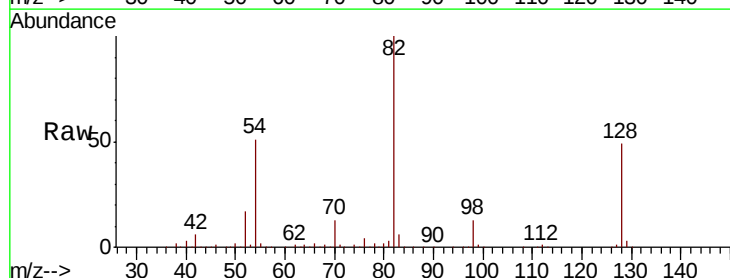
Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 1092607
Ion Ratio Lower Upper
82 100
128 48.9 36.3 54.5
54 51.3 43.7 65.5



#25
Isophorone
Concen: 40.087 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

Tgt Ion: 82 Resp: 1070746
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

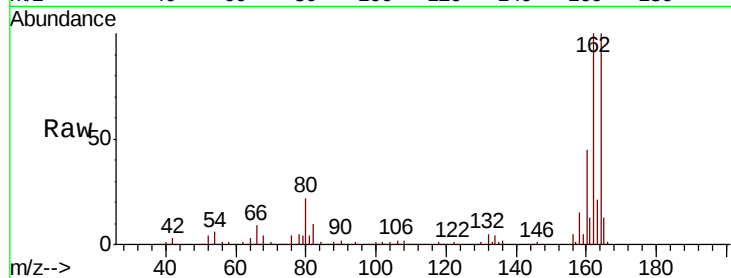




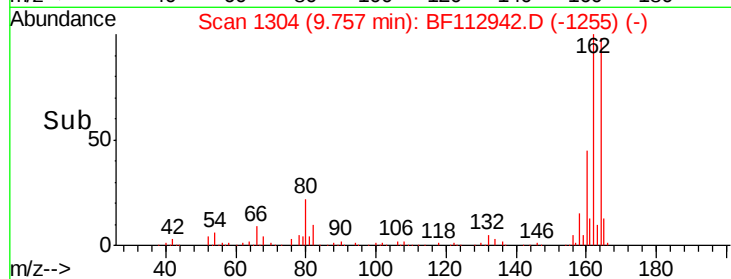
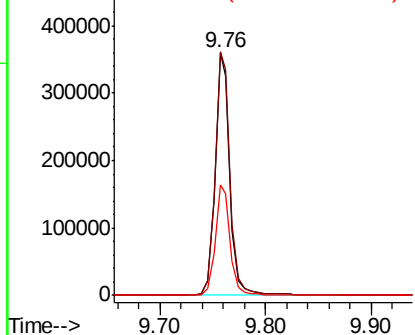
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF112942.D
 Acq: 8 Mar 2019 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 355212
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.6 120.8
 160 45.4 36.0 54.0

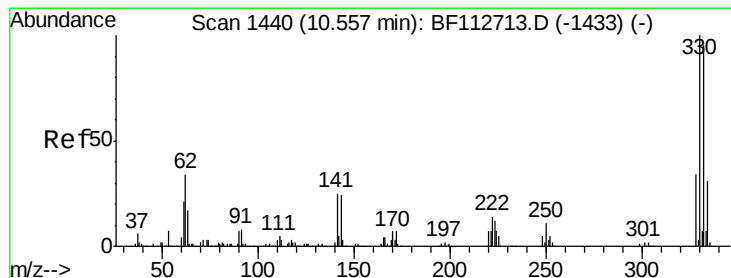


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

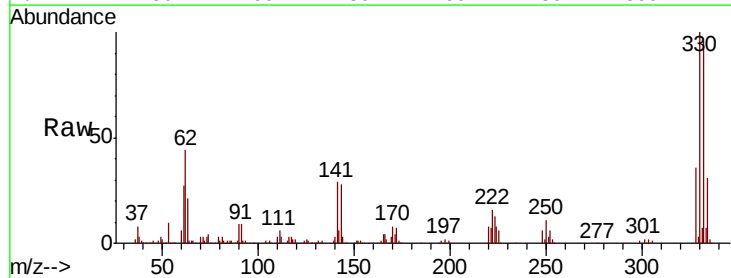
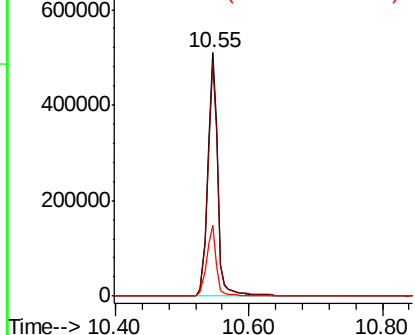


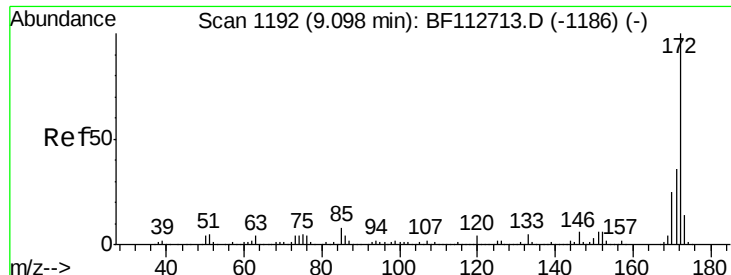
#42
 2,4,6-Tribromophenol
 Concen: 141.070 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112942.D
 Acq: 8 Mar 2019 14:17

Tgt Ion:330 Resp: 531976
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 28.0 27.0 40.6



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

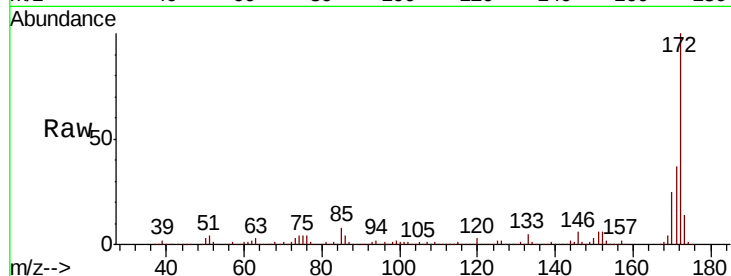




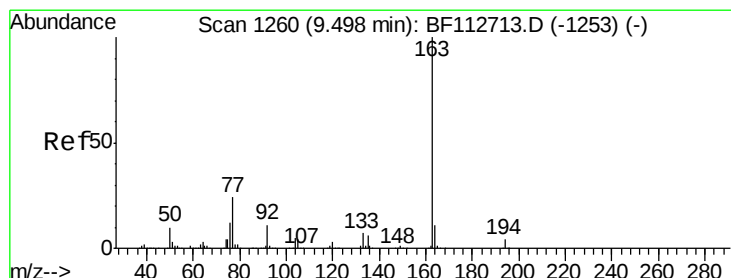
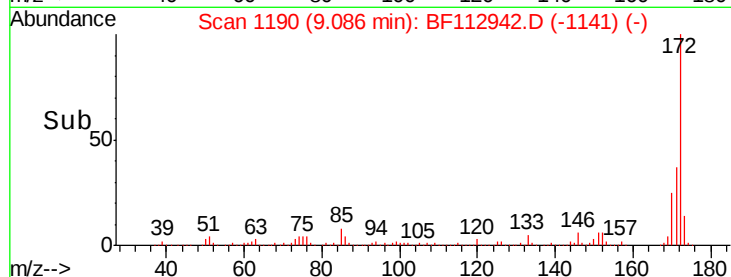
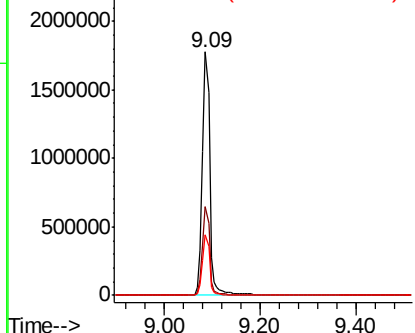
#45
2-Fluorobiphenyl
Concen: 91.455 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1921455
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 24.7 20.0 30.0

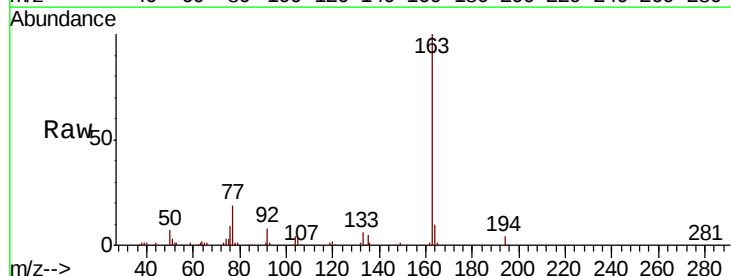


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

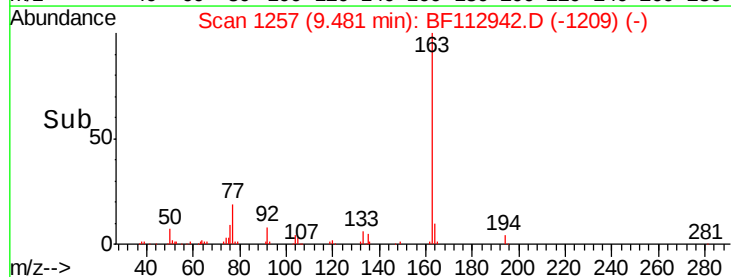
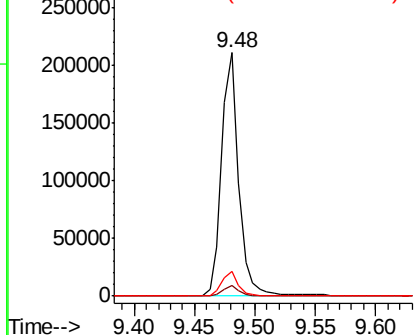


#50
Dimethylphthalate
Concen: 7.970 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

Tgt Ion:163 Resp: 208759
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.3 8.4 12.6



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

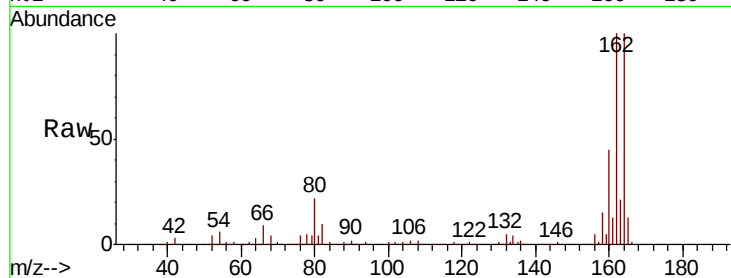




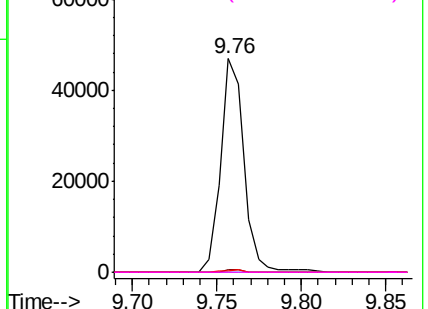
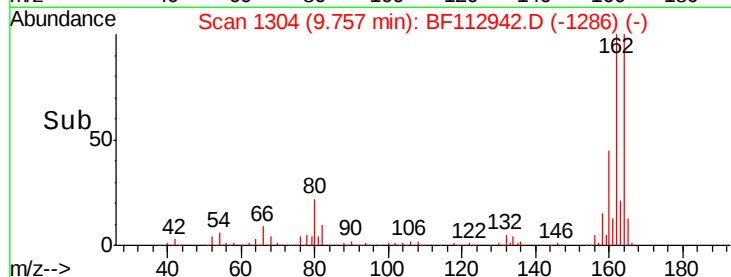
#57
 2,4-Dinitrotoluene
 Concen: 6.680 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF112942.D
 Acq: 8 Mar 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 45287
 Ion Ratio Lower Upper
 165 100
 63 1.0 42.2 63.2#
 89 0.9 66.2 99.4#
 182 0.0 1.8 2.6#

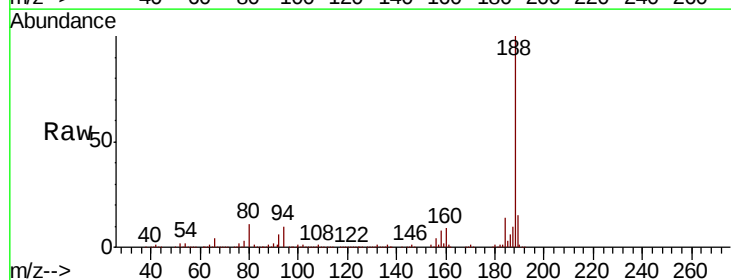


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

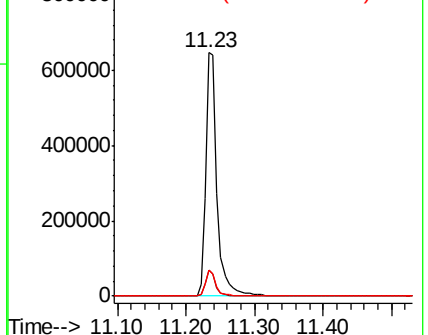
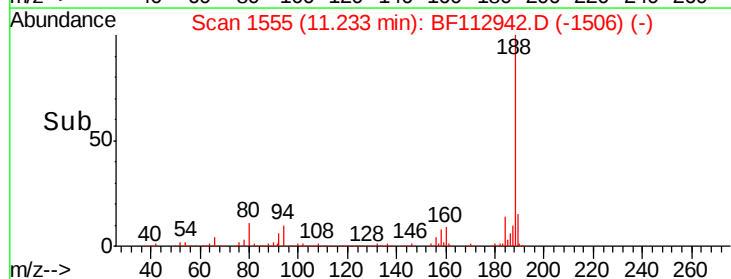


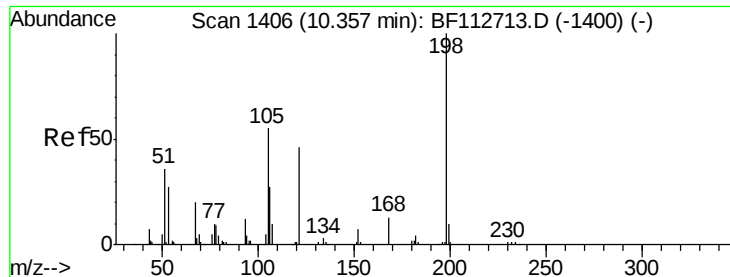
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF112942.D
 Acq: 8 Mar 2019 14:17

Tgt Ion:188 Resp: 751016
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.0 13.4
 80 10.8 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

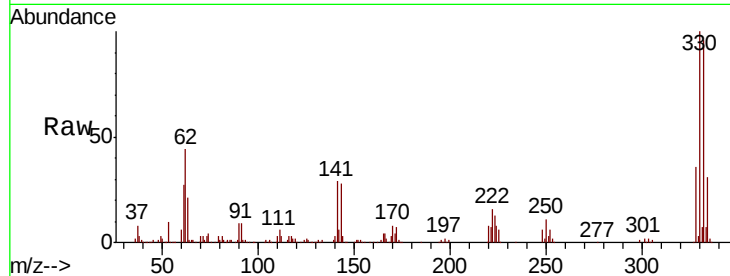




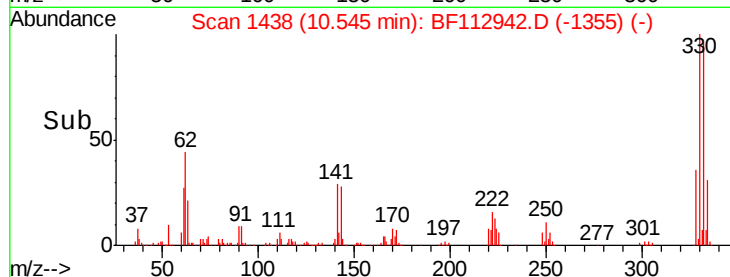
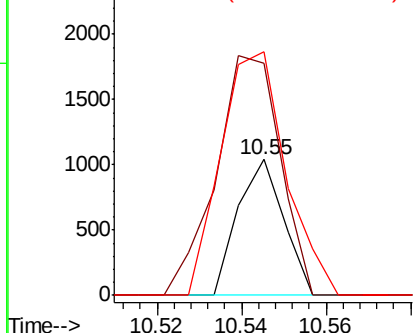
#65
4,6-Dinitro-2-methylphenol
Concen: 4.842 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 783
Ion Ratio Lower Upper
198 100
51 170.5 43.8 83.8#
105 179.3 36.5 76.5#

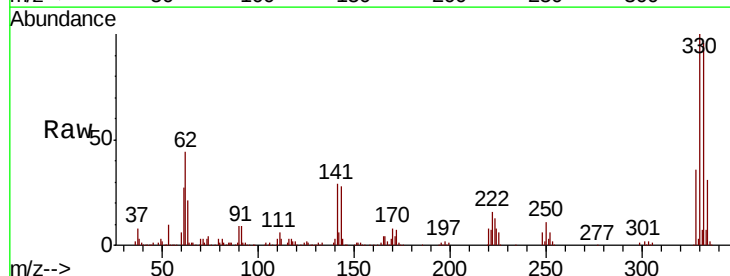


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

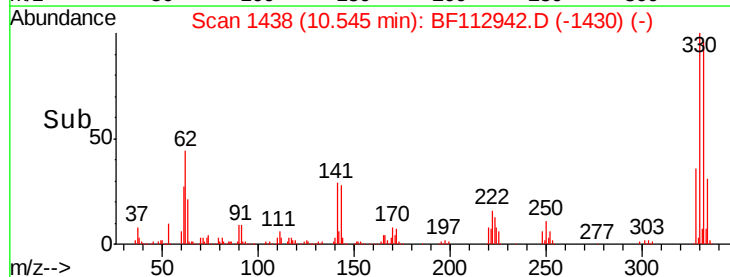
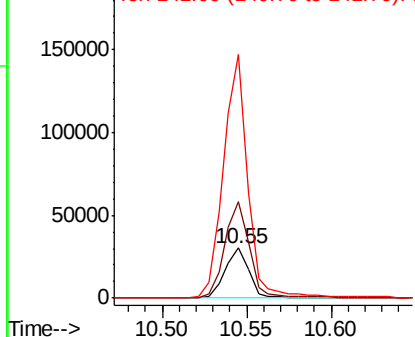


#67
4-Bromophenyl-phenylether
Concen: 3.755 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

Tgt Ion:248 Resp: 29702
Ion Ratio Lower Upper
248 100
250 192.9 77.5 116.3#
141 487.8 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

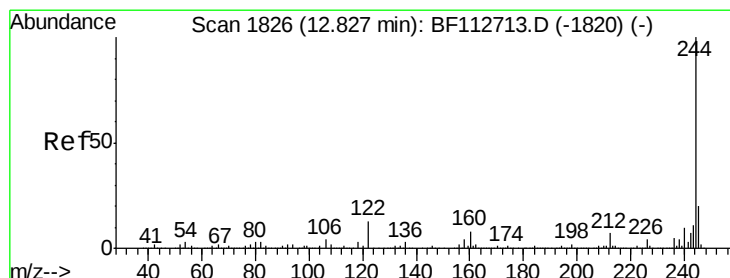
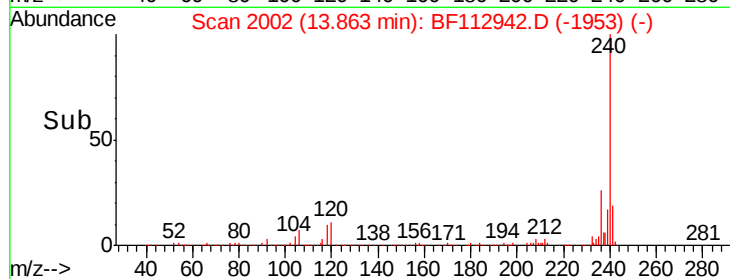
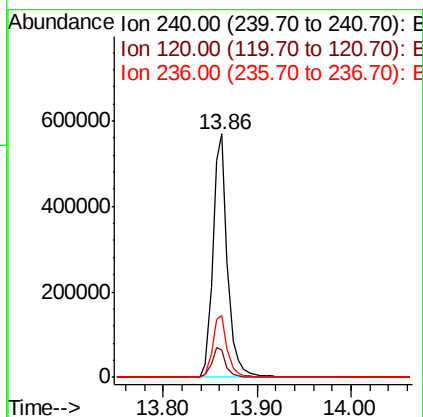
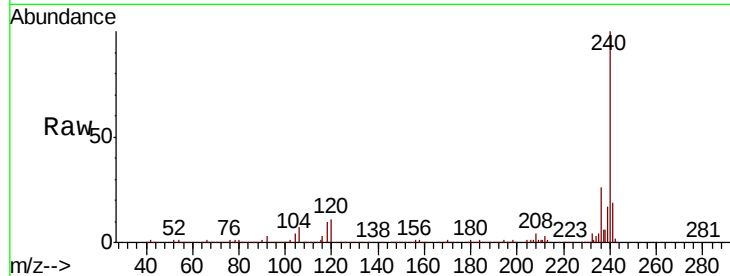




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

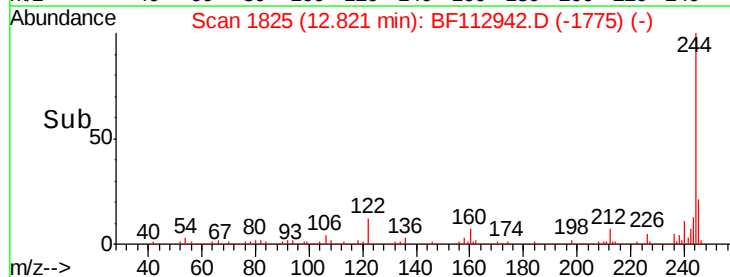
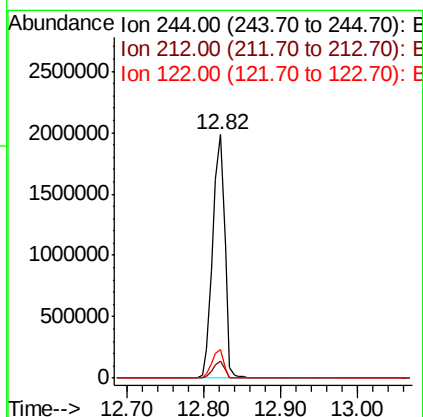
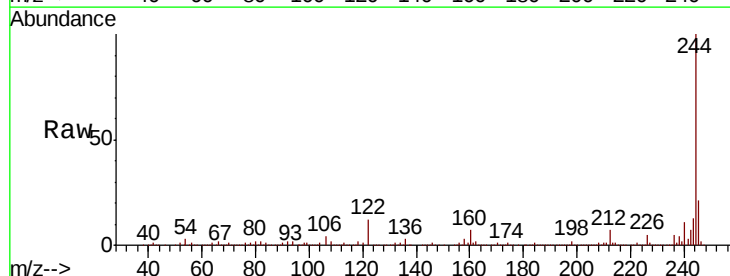
Instrument :
BNA_F
ClientSampleId :

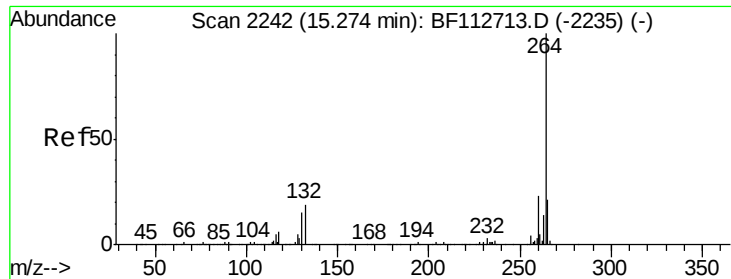
Tot Ion:240 Resp: 626619
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 65.571 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

Tgt Ion:244 Resp: 2119580
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 11.9 10.5 15.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112942.D
Acq: 8 Mar 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	17.2	25.8

