

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112966.D
 Acq On : 11 Mar 2019 20:33
 Operator : JU/SJ
 Sample : K1692-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-D

Quant Time: Mar 12 04:41:43 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

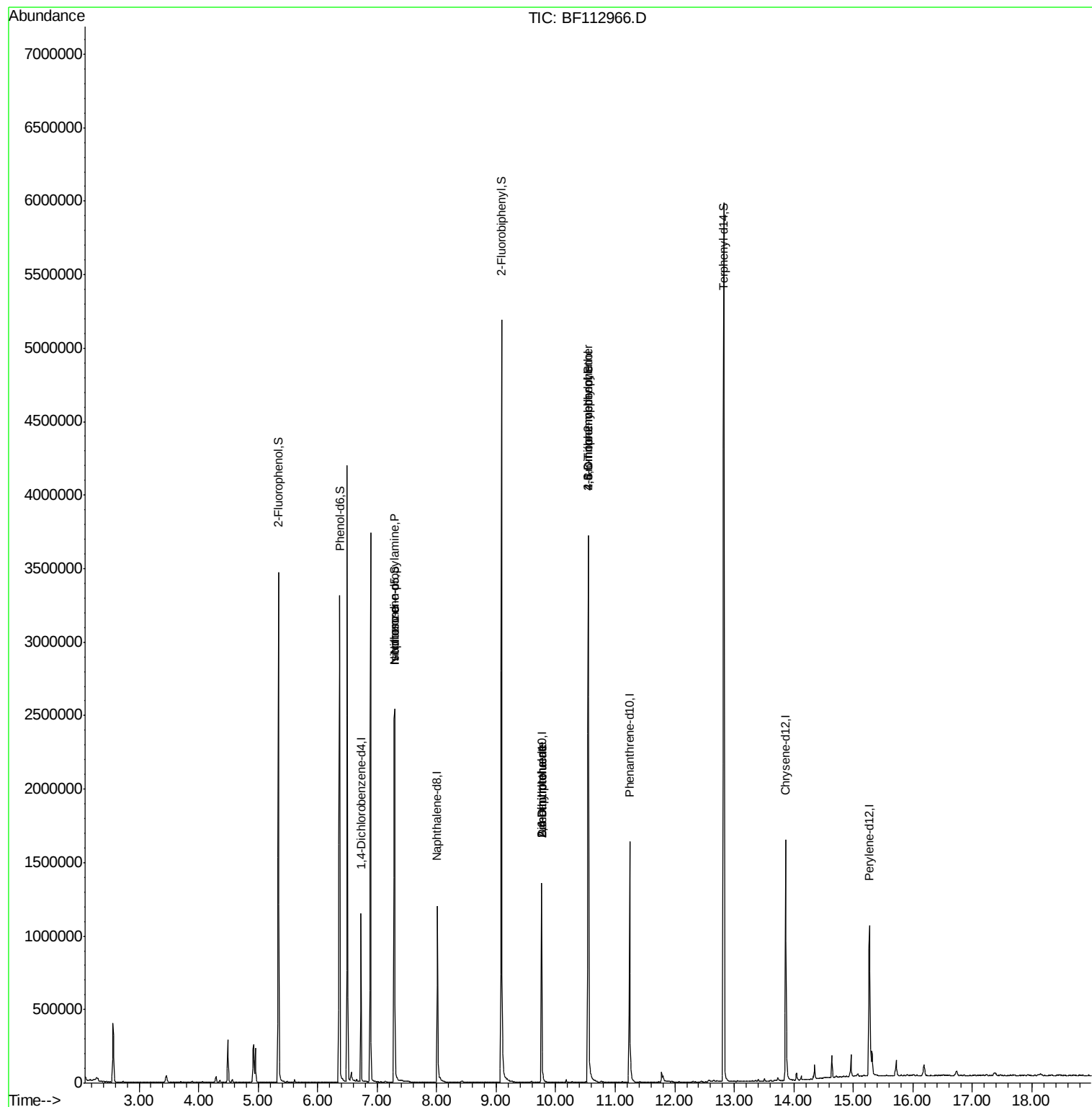
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	162384	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	634007	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	326962	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	739598	20.00	ng	0.00
76) Chrysene-d12	13.86	240	677225	20.00	ng	-0.01
87) Perylene-d12	15.27	264	561033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1041718	99.79	ng	0.00
7) Phenol-d6	6.37	99	1214545	92.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	965316	91.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	561778	161.84	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1799830	93.74	ng	-0.01
79) Terphenyl-d14	12.82	244	2424498	69.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	125226	15.078	ng	# 76
25) Isophorone	7.29	82	958773	42.003	ng	# 66
50) Dimethylphthalate	9.76	163	82340	3.415	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	41738	8.314	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	41738	6.688	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	752	4.836	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	32719	4.200	ng	# 1

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

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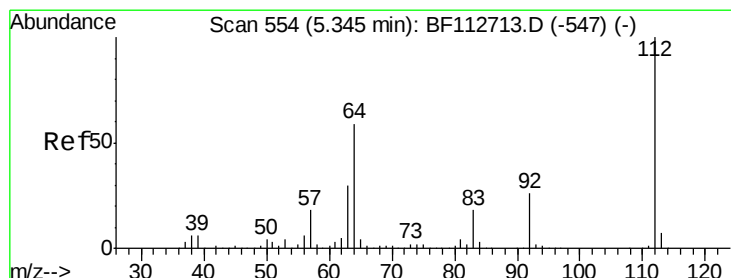
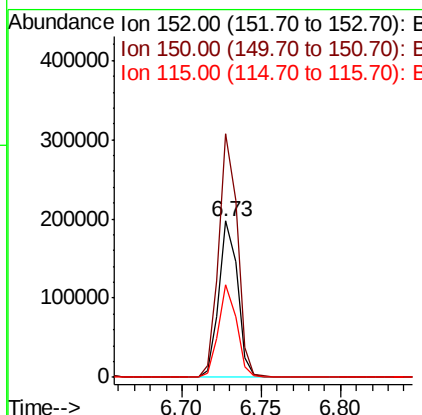
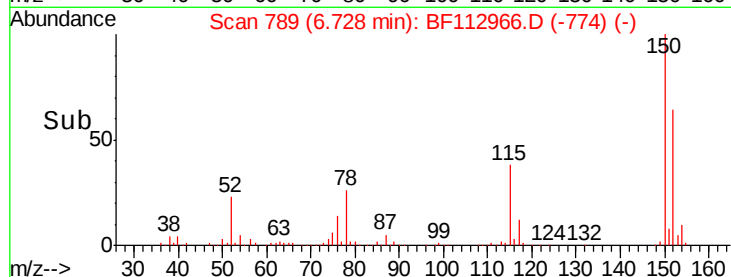
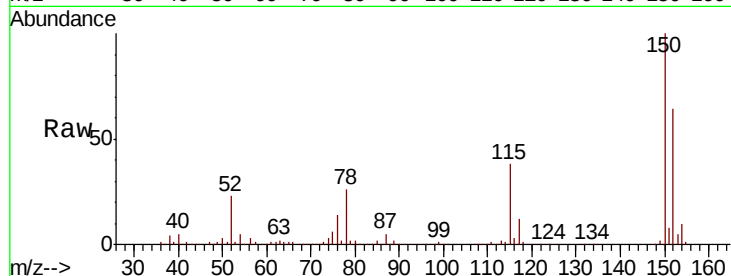




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112966.D
 Acq: 11 Mar 2019 20:33

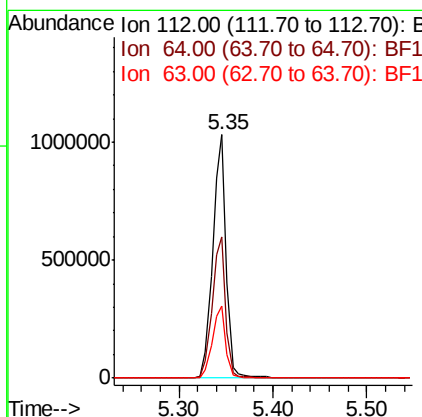
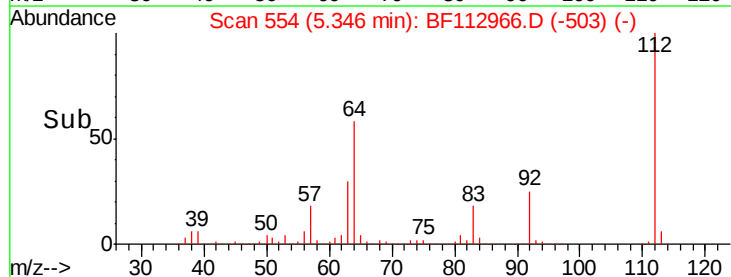
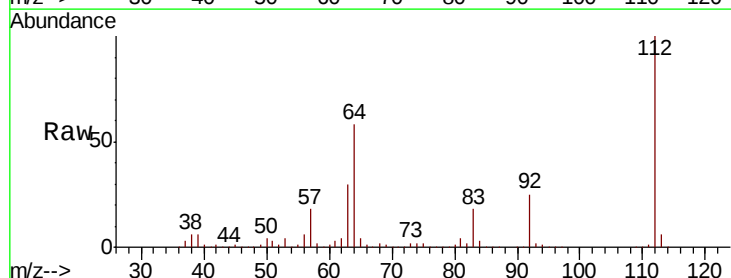
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-D

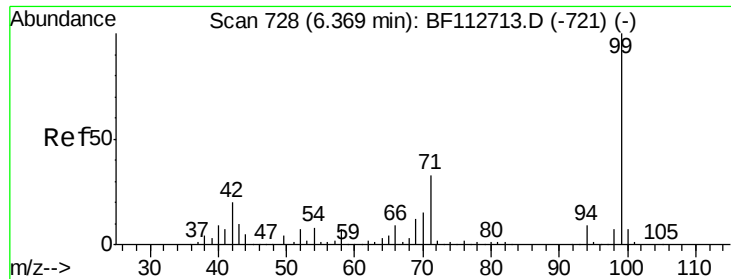
Tgt Ion:152 Resp: 162384
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.2 186.2
 115 59.2 48.2 72.4



#5
 2-Fluorophenol
 Concen: 99.791 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF112966.D
 Acq: 11 Mar 2019 20:33

Tgt Ion:112 Resp: 1041718
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.6 71.4
 63 29.7 24.4 36.6





#7

Phenol-d6

Concen: 92.620 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-D

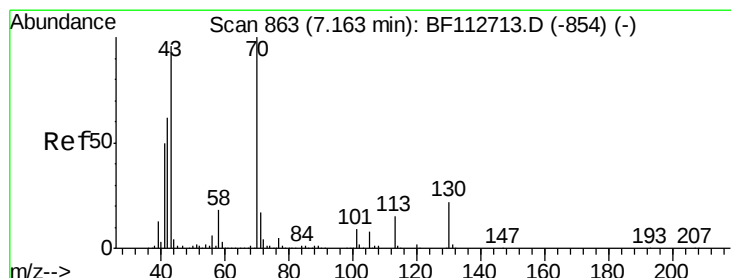
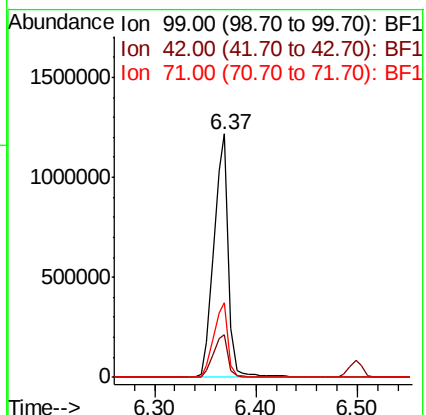
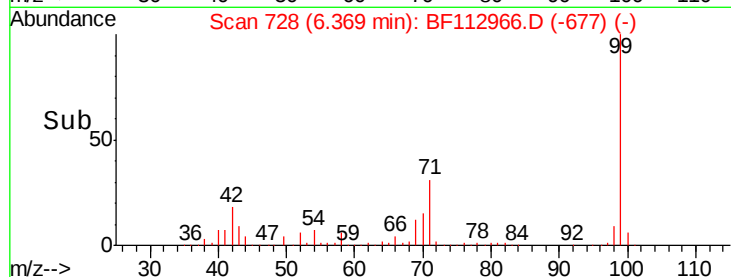
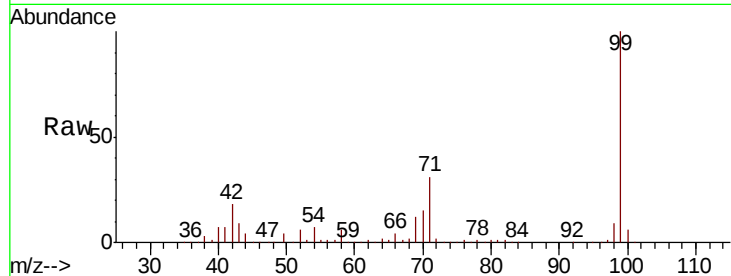
Tgt Ion: 99 Resp: 1214545

Ion Ratio Lower Upper

99 100

42 17.5 16.3 24.5

71 30.6 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.078 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

Tgt Ion: 70 Resp: 125226

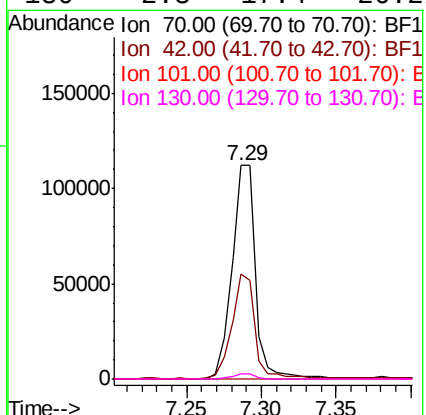
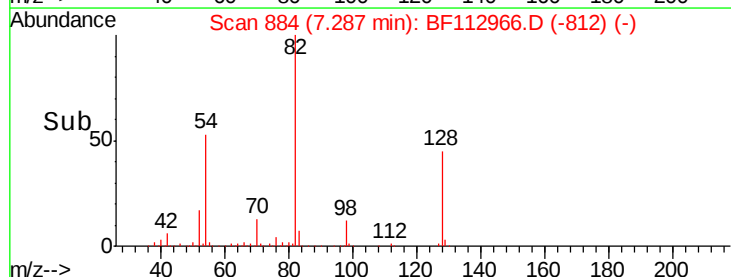
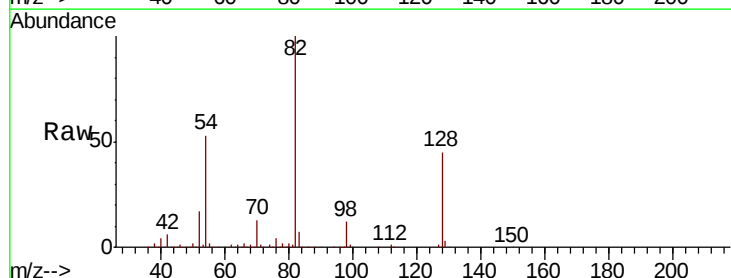
Ion Ratio Lower Upper

70 100

42 49.2 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

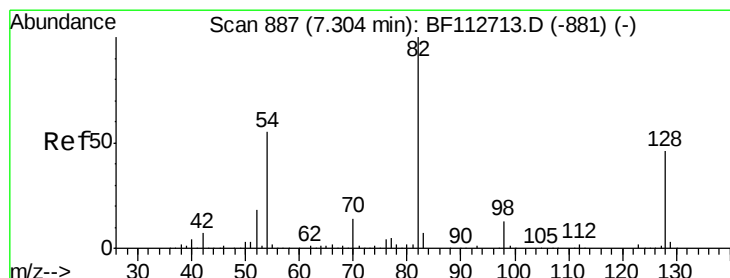
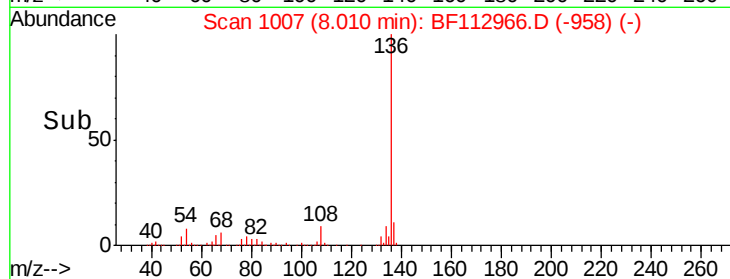
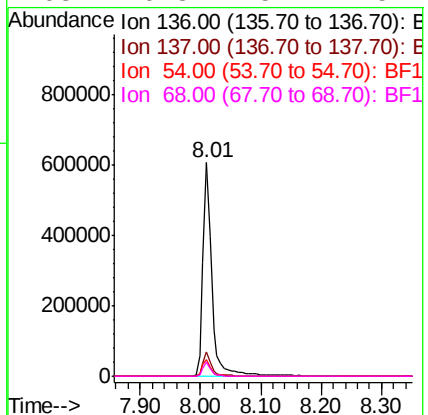
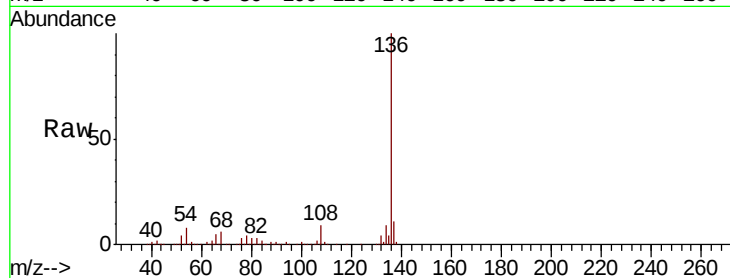




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112966.D
Acq: 11 Mar 2019 20:33

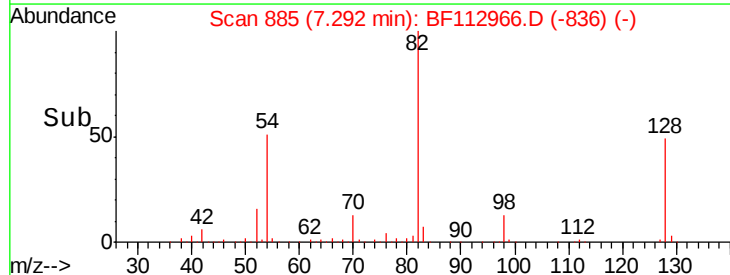
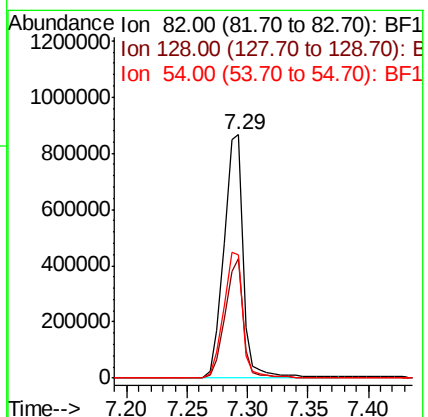
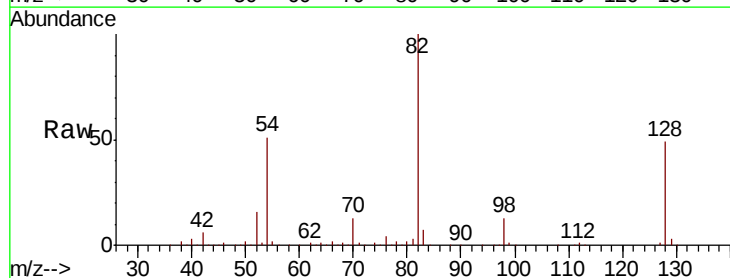
Instrument :
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CL-02-030819-D

Tgt Ion:	136	Resp:	634007
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.9	7.3	10.9
68	6.3	5.4	8.2



#23
Nitrobenzene-d5
Concen: 91.107 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112966.D
Acq: 11 Mar 2019 20:33

Tgt Ion:	82	Resp:	965316
Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.3	54.5
54	50.8	43.7	65.5

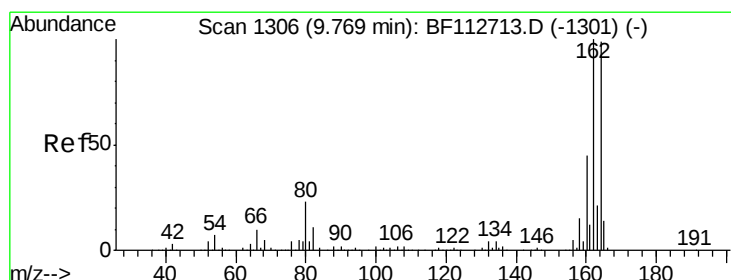
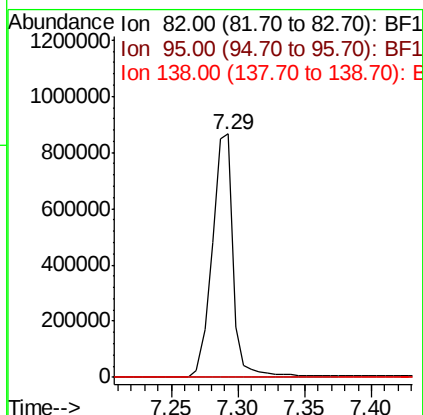
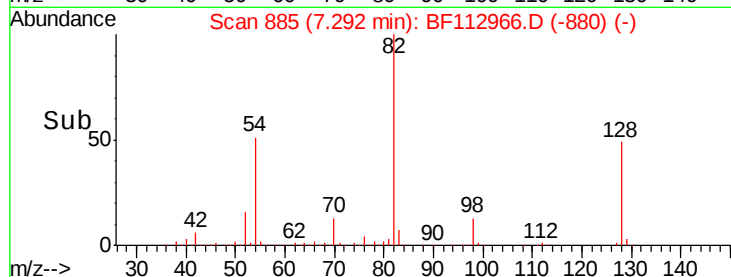
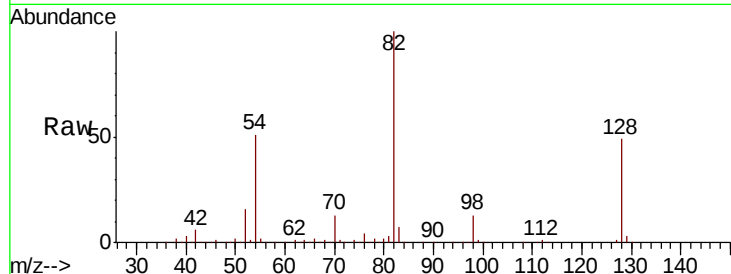




#25
Isophorone
Concen: 42.003 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112966.D
Acq: 11 Mar 2019 20:33

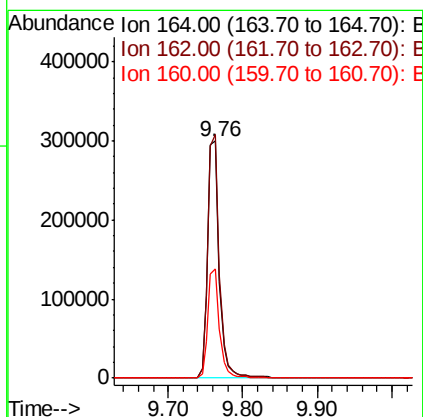
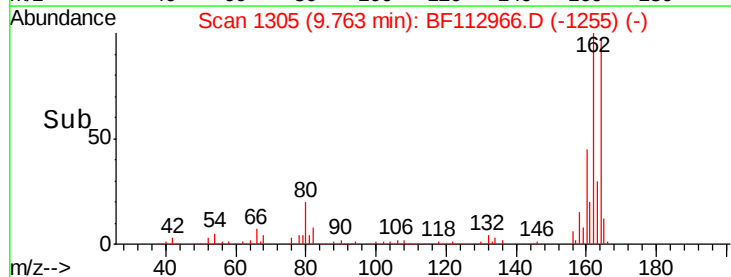
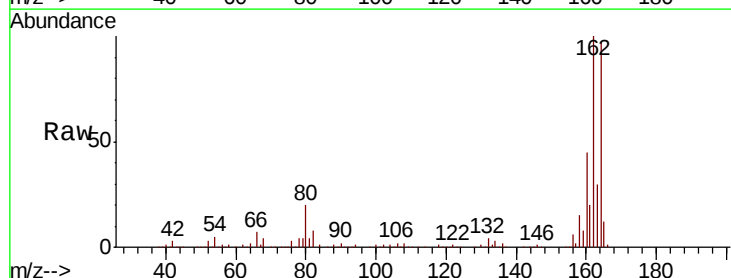
Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion: 82 Resp: 958773
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: BF112966.D
Acq: 11 Mar 2019 20:33

Tgt Ion: 164 Resp: 326962
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 46.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 161.844 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-D

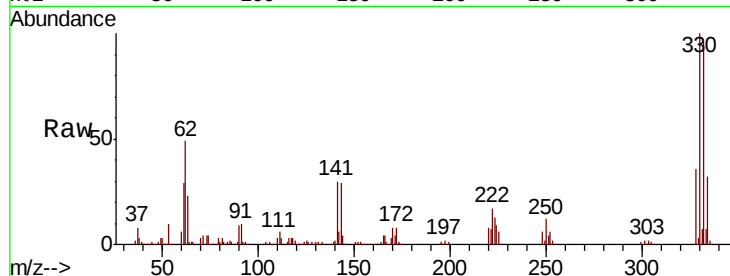
Tgt Ion:330 Resp: 561778

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

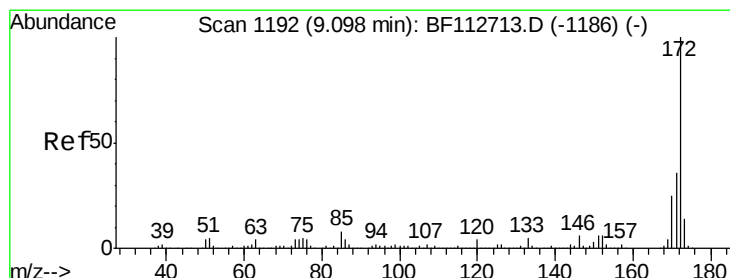
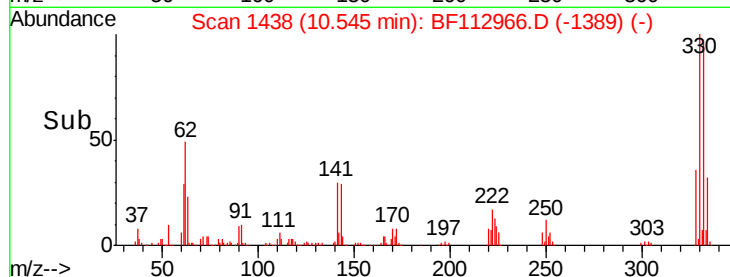
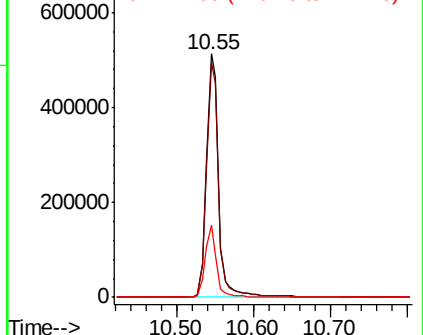
141 28.1 27.0 40.6



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: 93.742 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

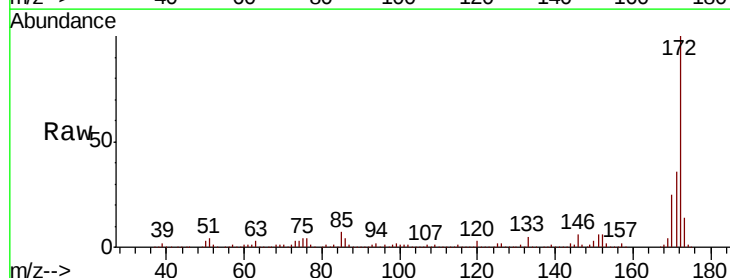
Tgt Ion:172 Resp: 1799830

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

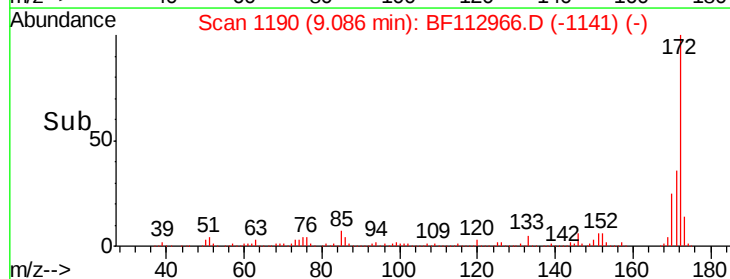
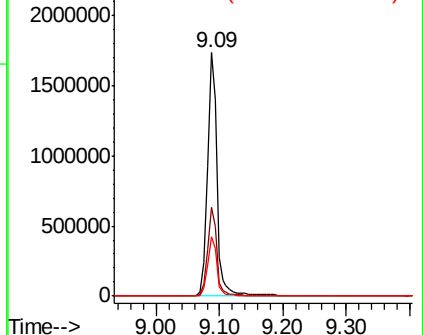
170 24.6 20.0 30.0

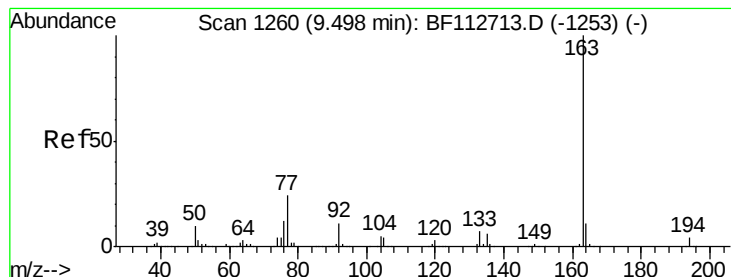


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.415 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.26 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

Instrument :

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ClientSampleId :

CL-02-030819-D

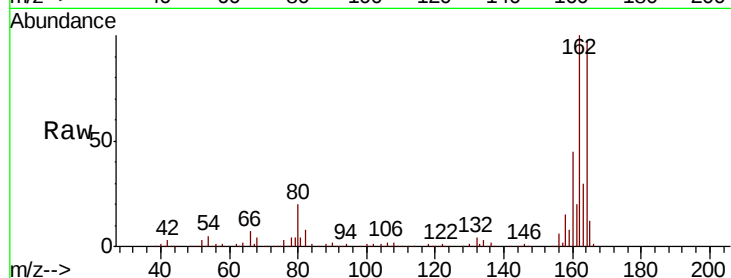
Tgt Ion:163 Resp: 82340

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

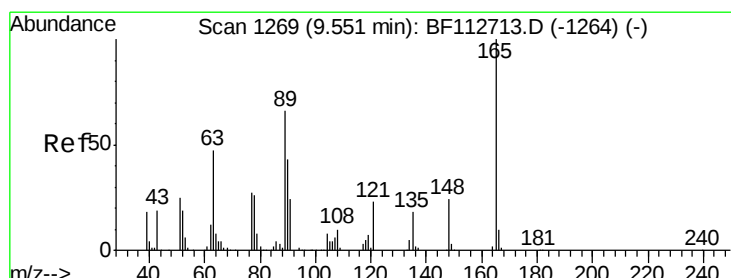
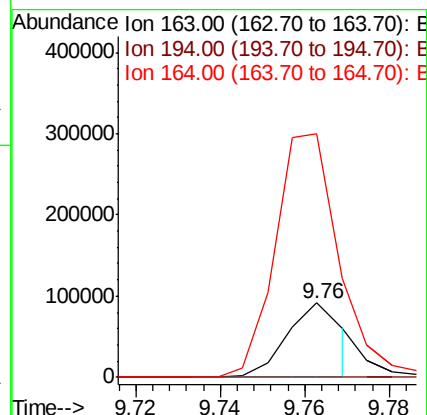
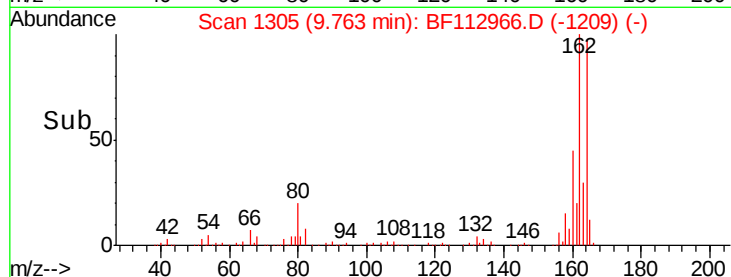
164 328.5 8.4 12.6#



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



#51

2,6-Dinitrotoluene

Concen: 8.314 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

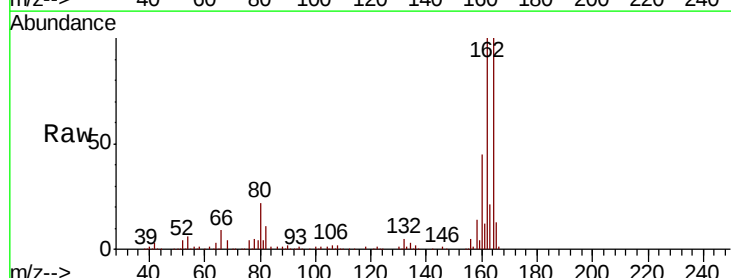
Tgt Ion:165 Resp: 41738

Ion Ratio Lower Upper

165 100

63 0.8 54.1 81.1#

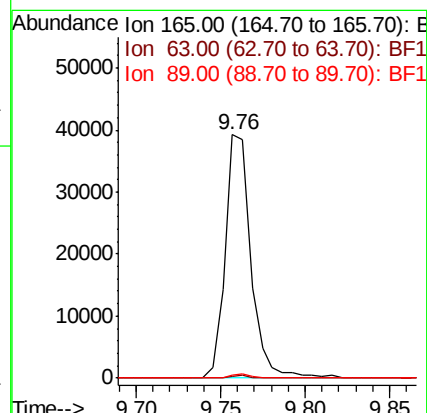
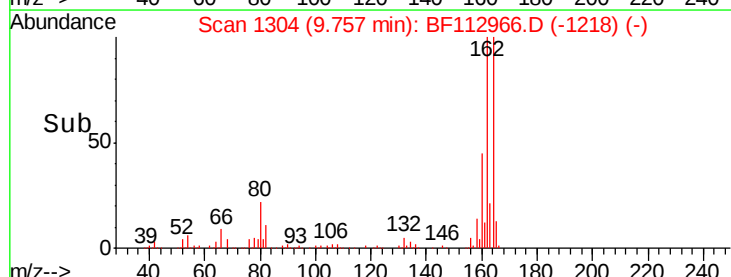
89 1.1 52.8 79.2#



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

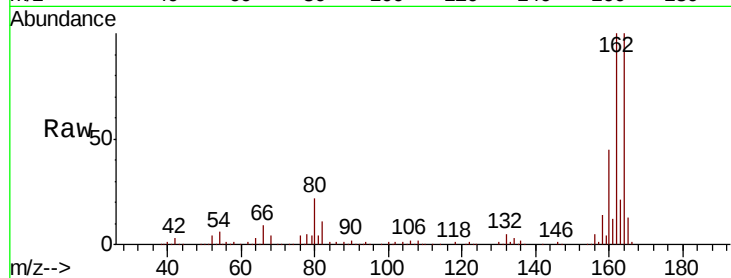




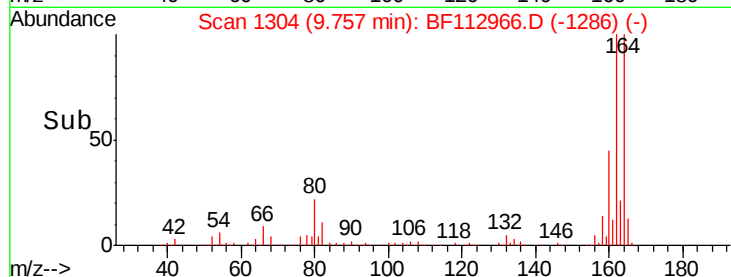
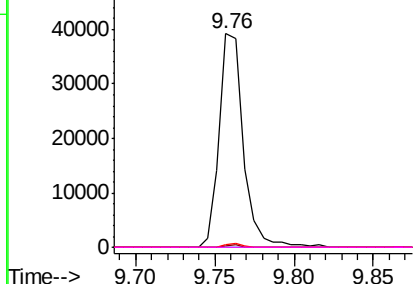
#57
2,4-Dinitrotoluene
Concen: 6.688 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112966.D
Acq: 11 Mar 2019 20:33

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:	165	Resp:	41738
Ion	Ratio	Lower	Upper
165	100		
63	0.8	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#

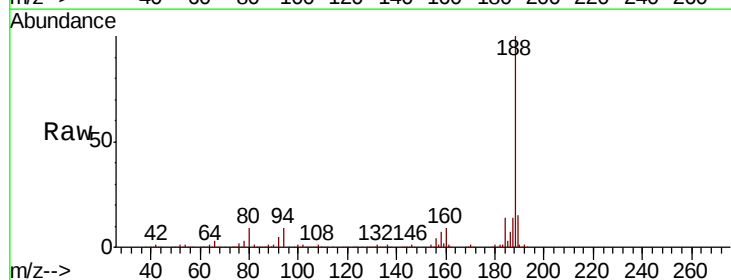


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

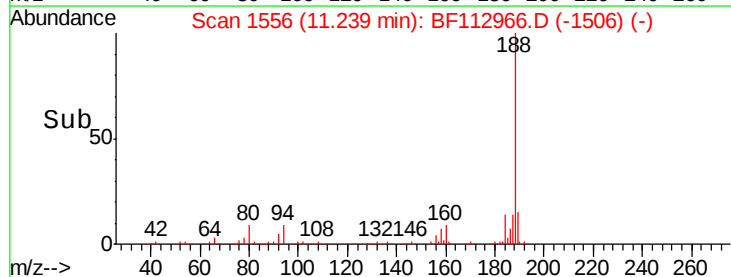
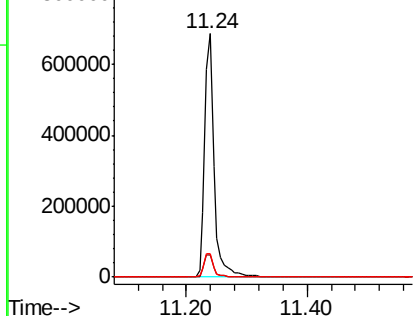


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112966.D
Acq: 11 Mar 2019 20:33

Tgt Ion:	188	Resp:	739598
Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.4	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

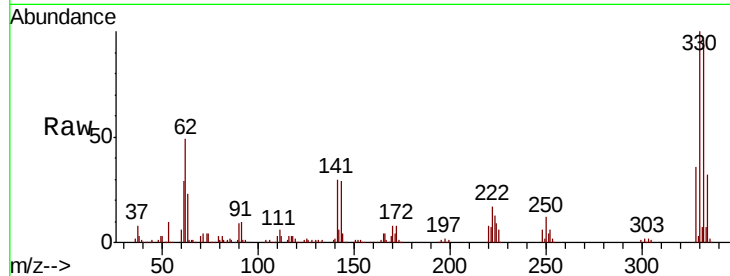




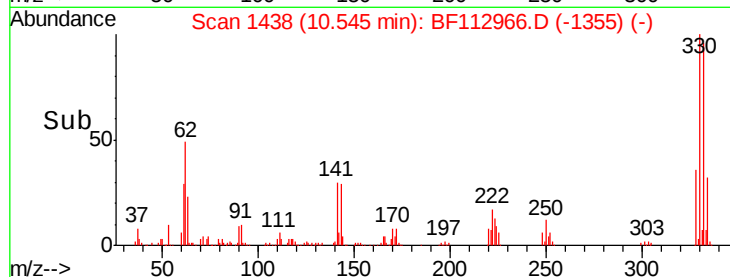
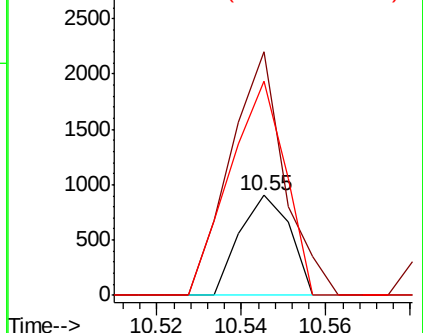
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.836 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112966.D
 Acq: 11 Mar 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-D

Tgt Ion:198 Resp: 752
 Ion Ratio Lower Upper
 198 100
 51 243.6 43.8 83.8#
 105 214.3 36.5 76.5#

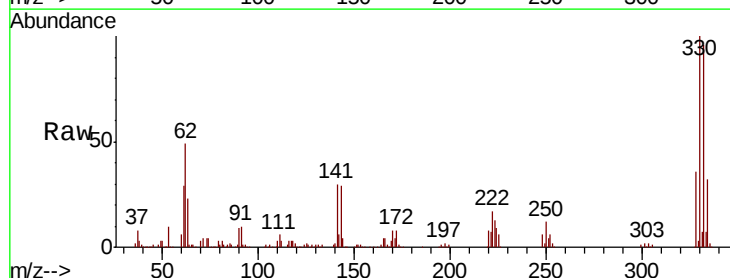


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

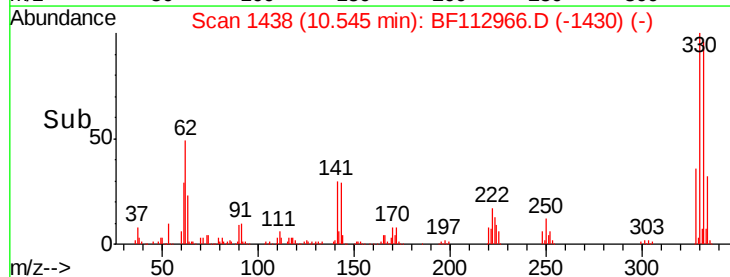
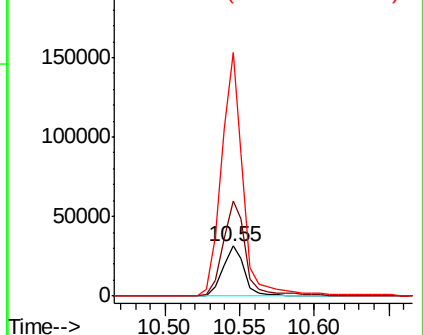


#67
 4-Bromophenyl-phenylether
 Concen: 4.200 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112966.D
 Acq: 11 Mar 2019 20:33

Tgt Ion:248 Resp: 32719
 Ion Ratio Lower Upper
 248 100
 250 188.1 77.5 116.3#
 141 484.6 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

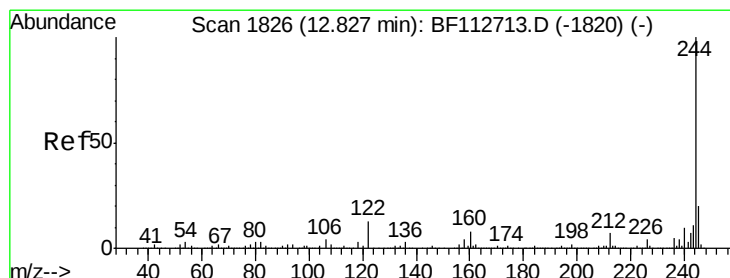
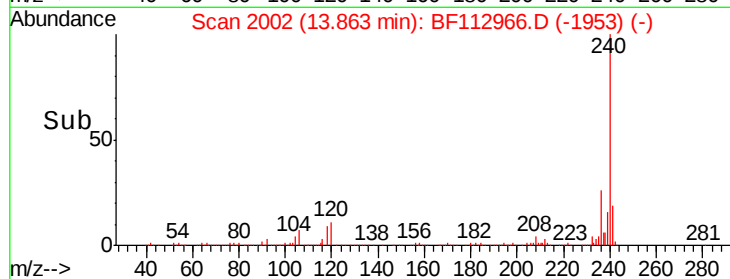
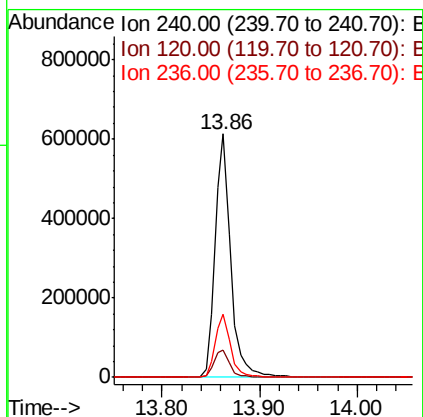
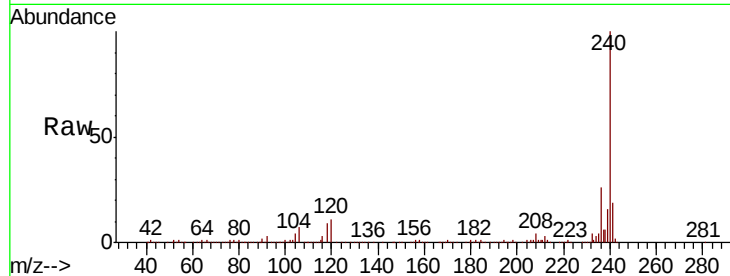




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112966.D
Acq: 11 Mar 2019 20:33

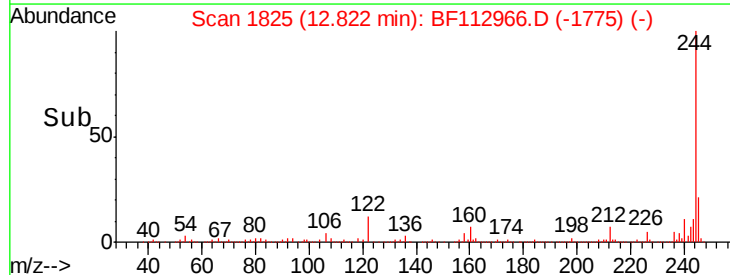
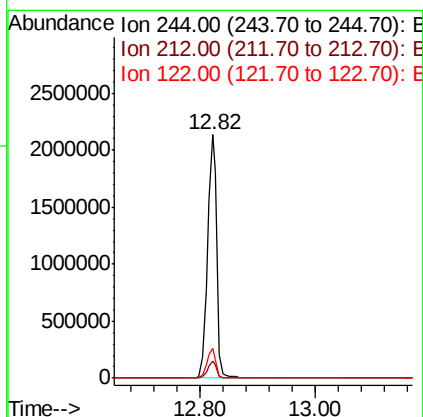
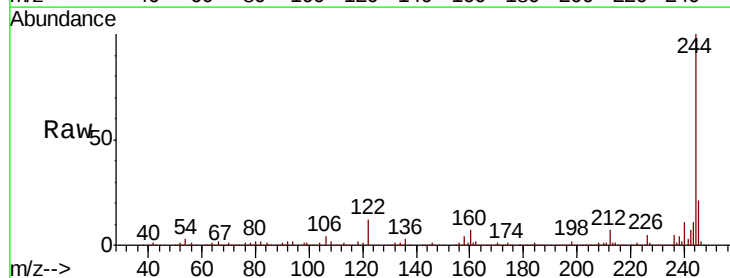
Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

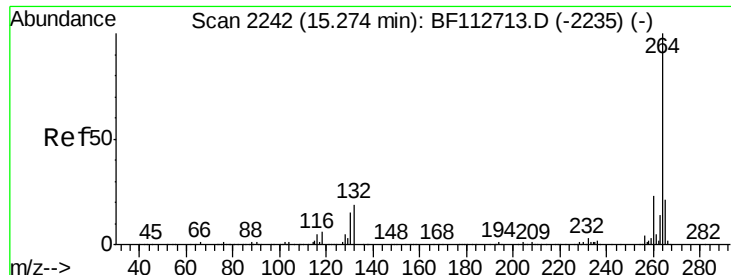
Tgt Ion:240 Resp: 677225
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 69.399 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112966.D
Acq: 11 Mar 2019 20:33

Tgt Ion:244 Resp: 2424498
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 12.3 10.5 15.7

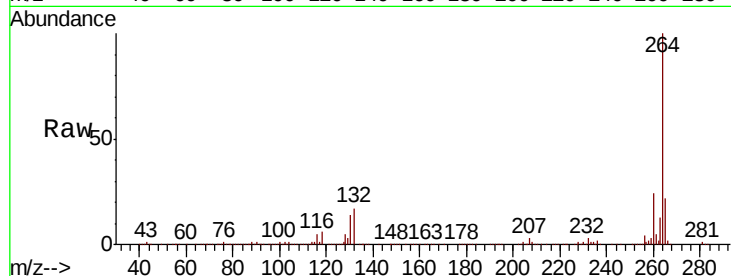




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112966.D
Acq: 11 Mar 2019 20:33

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:	264	Resp:	561033
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.9	17.2	25.8



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

