

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112964.D
 Acq On : 11 Mar 2019 19:38
 Operator : JU/SJ
 Sample : K1692-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 12 04:41:18 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

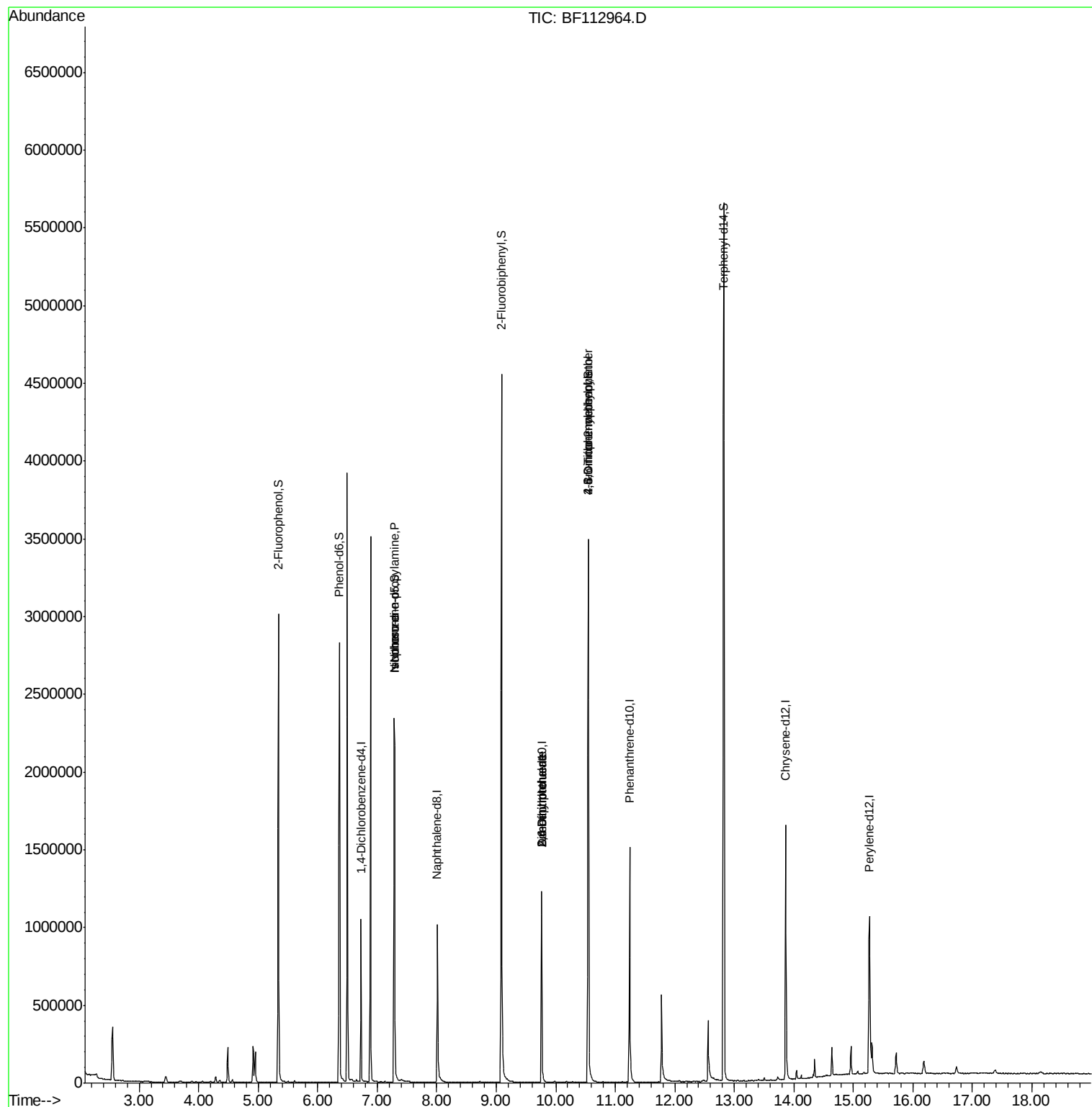
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	145409	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	547548	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	285521	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	674021	20.00	ng	0.00
76) Chrysene-d12	13.86	240	643701	20.00	ng	-0.01
87) Perylene-d12	15.27	264	557988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	944013	100.99	ng	0.00
7) Phenol-d6	6.36	99	1074323	91.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	854068	93.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	513940	169.55	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1660118	101.48	ng	-0.01
79) Terphenyl-d14	12.82	244	2283766	68.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	112556	15.135	ng	# 77
25) Isophorone	7.29	82	848983	43.066	ng	# 66
50) Dimethylphthalate	9.76	163	69854	3.318	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	36584	8.345	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	36584	6.713	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	792	4.871	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	28947	4.077	ng	# 1

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

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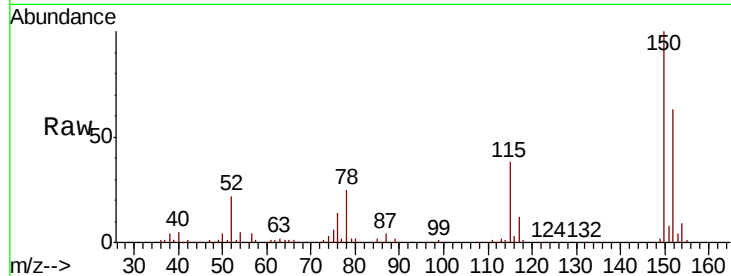


#1

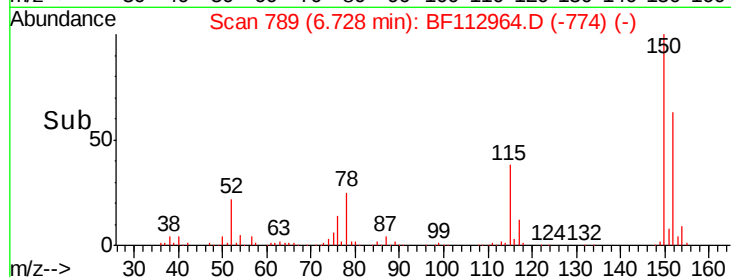
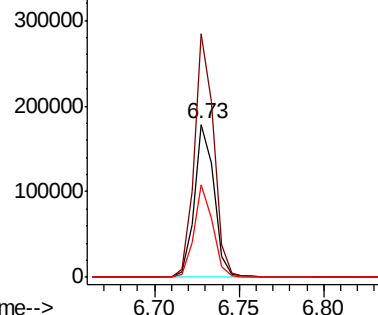
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

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

Tgt Ion:152 Resp: 145409
Ion Ratio Lower Upper
152 100
150 158.8 124.2 186.2
115 60.5 48.2 72.4



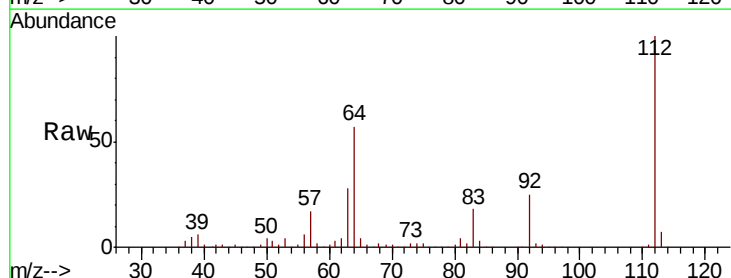
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



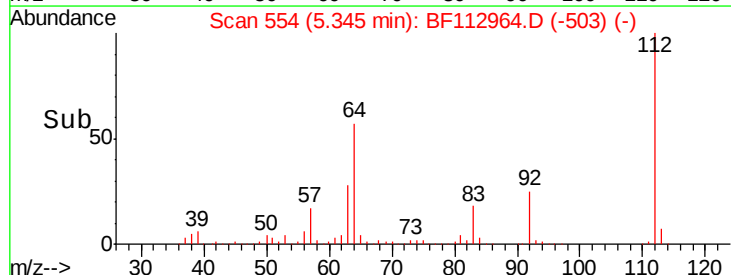
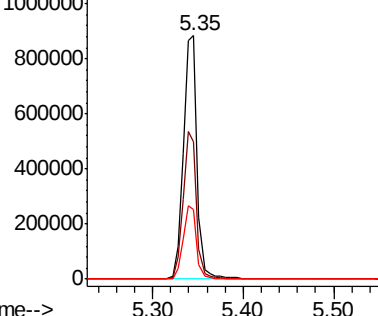
#5

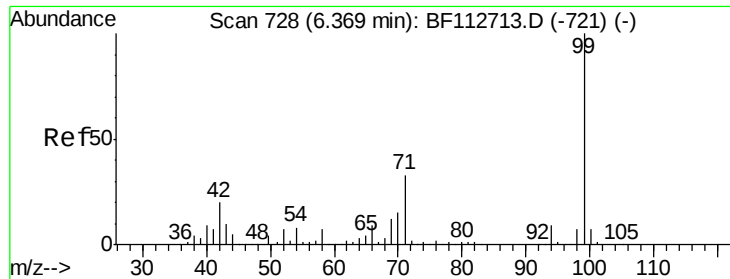
2-Fluorophenol
Concen: 100.988 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

Tgt Ion:112 Resp: 944013
Ion Ratio Lower Upper
112 100
64 56.7 47.6 71.4
63 28.4 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: 91.491 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-A

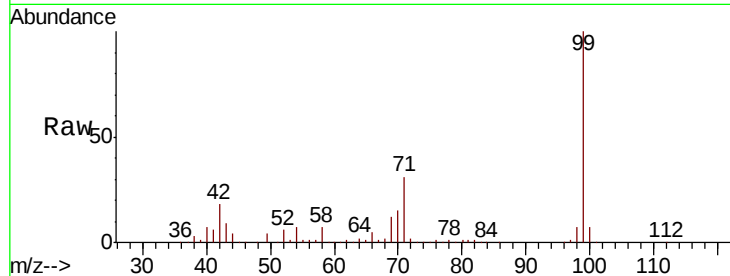
Tgt Ion: 99 Resp: 1074323

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

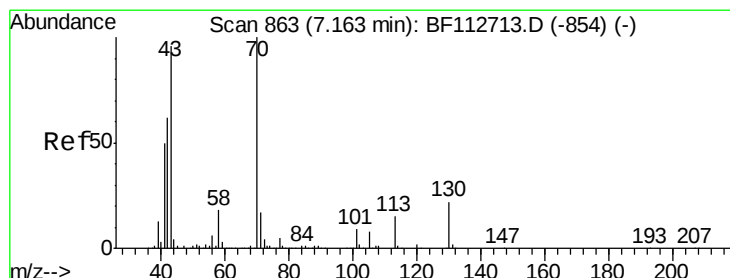
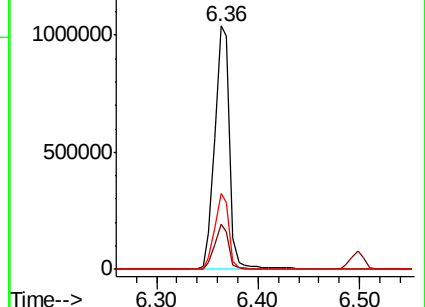
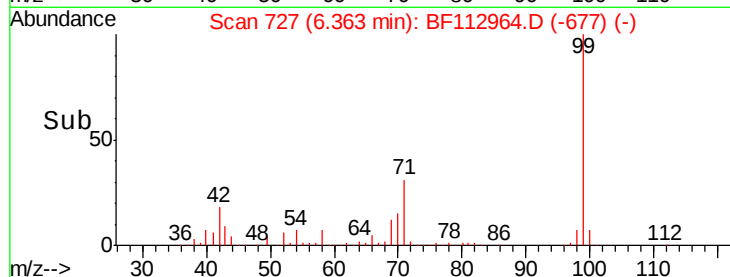
71 31.4 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.135 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

Tgt Ion: 70 Resp: 112556

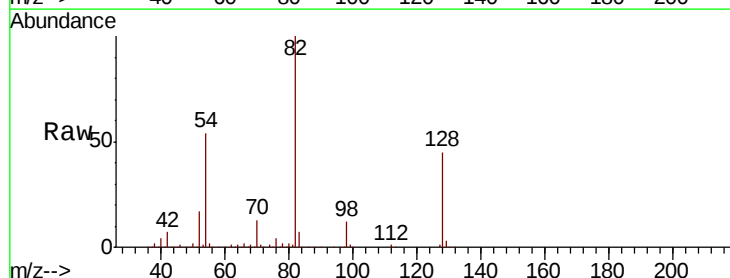
Ion Ratio Lower Upper

70 100

42 49.7 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

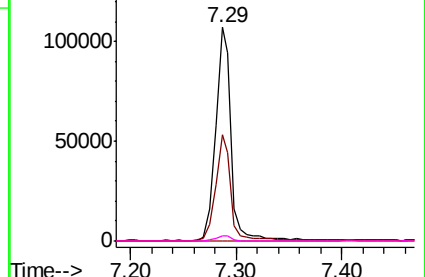
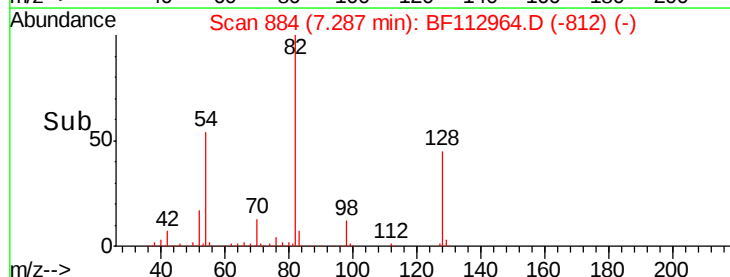


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

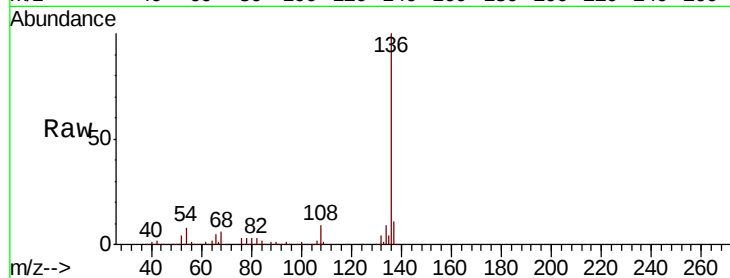




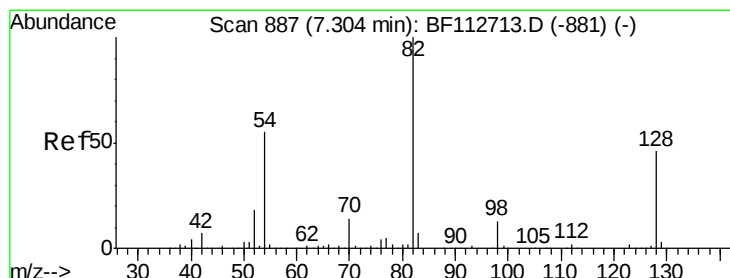
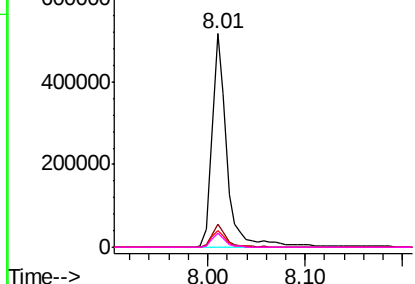
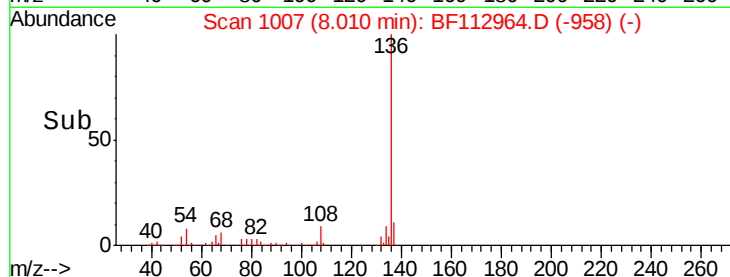
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

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

Tgt Ion:	136	Resp:	547548
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.7	7.3	10.9
68	6.5	5.4	8.2

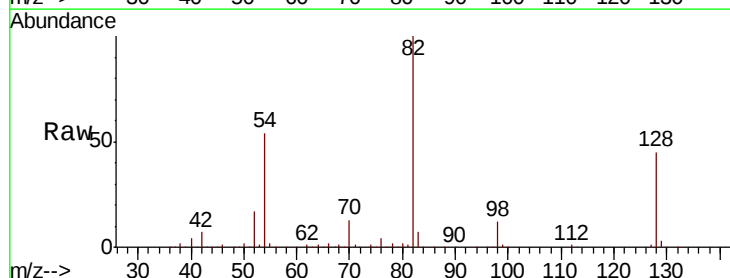


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

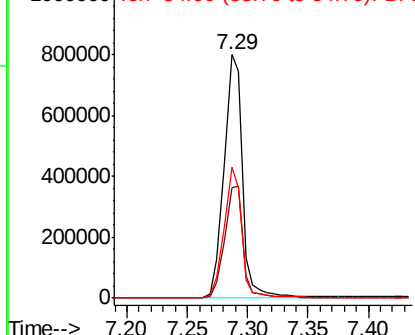
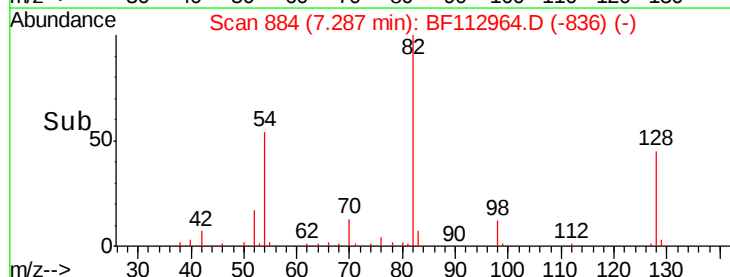


#23
Nitrobenzene-d5
Concen: 93.336 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

Tgt Ion:	82	Resp:	854068
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.3	54.5
54	53.8	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.066 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-A

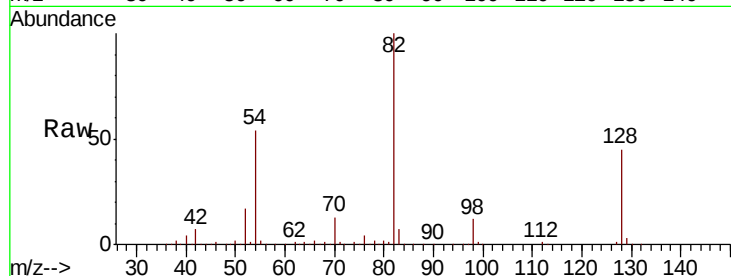
Tgt Ion: 82 Resp: 848983

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

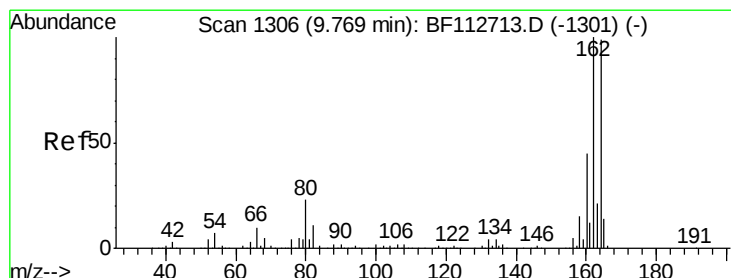
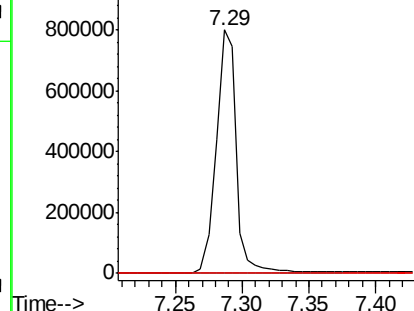
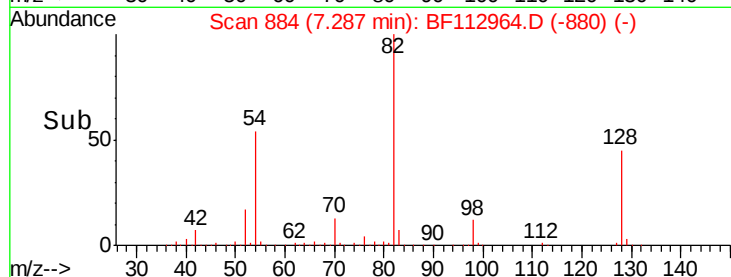
138 0.0 13.8 20.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

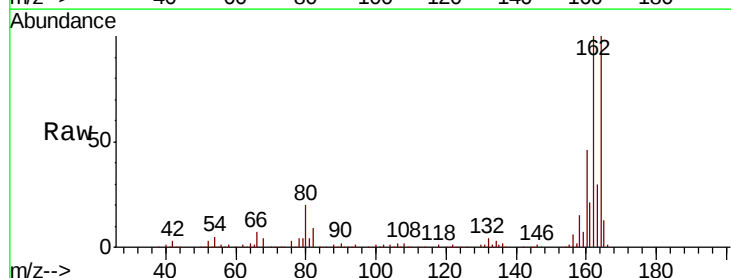
Tgt Ion: 164 Resp: 285521

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

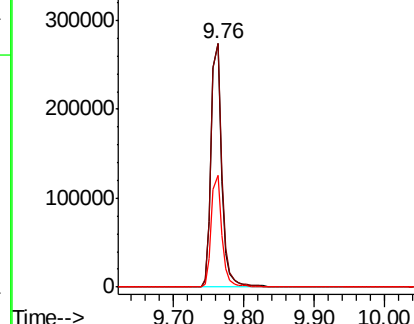
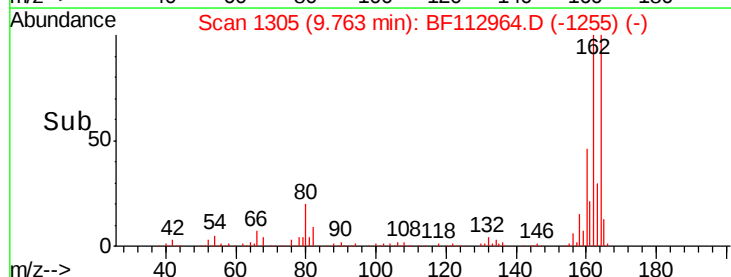
160 46.0 36.0 54.0



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

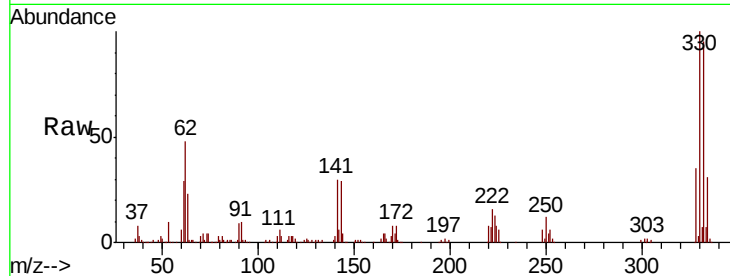




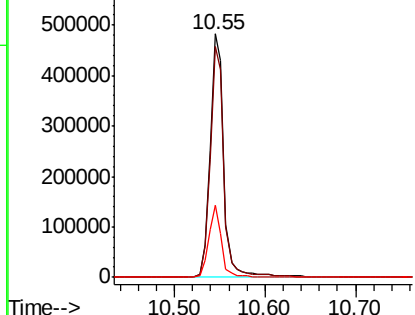
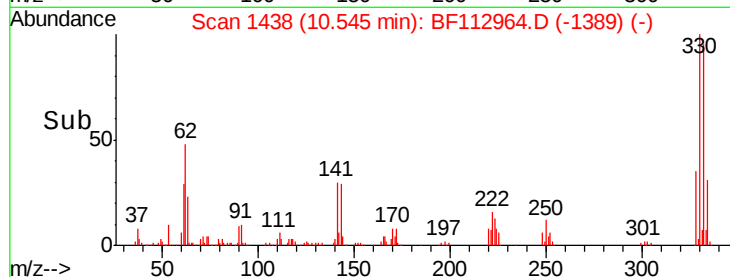
#42
 2,4,6-Tribromophenol
 Concen: 169.552 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112964.D
 Acq: 11 Mar 2019 19:38

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

Tgt Ion:330 Resp: 513940
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 27.8 27.0 40.6

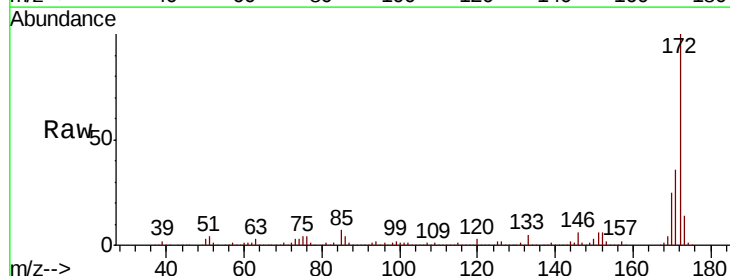


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

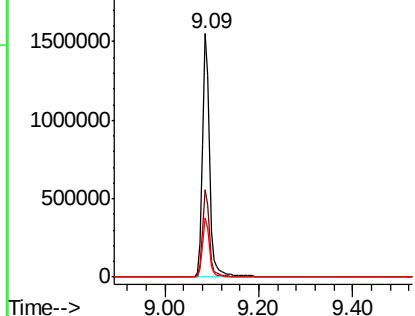
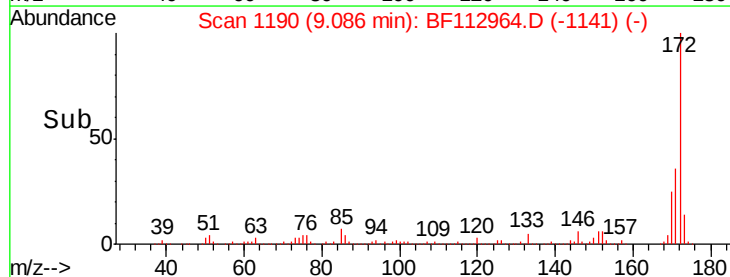


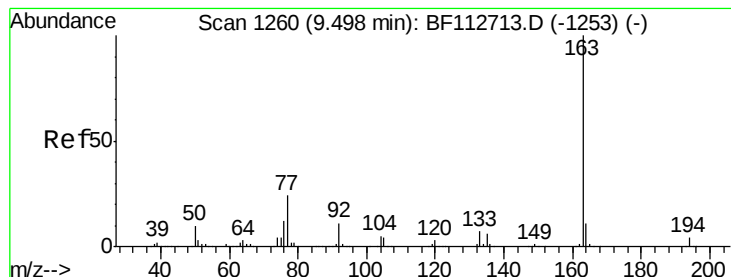
#45
 2-Fluorobiphenyl
 Concen: 101.485 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112964.D
 Acq: 11 Mar 2019 19:38

Tgt Ion:172 Resp: 1660118
 Ion Ratio Lower Upper
 172 100
 171 35.8 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: 3.318 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.26 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-A

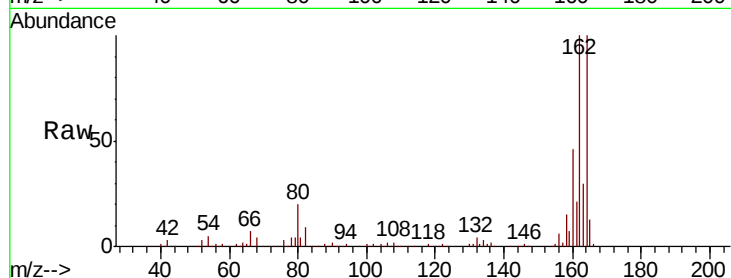
Tgt Ion:163 Resp: 69854

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

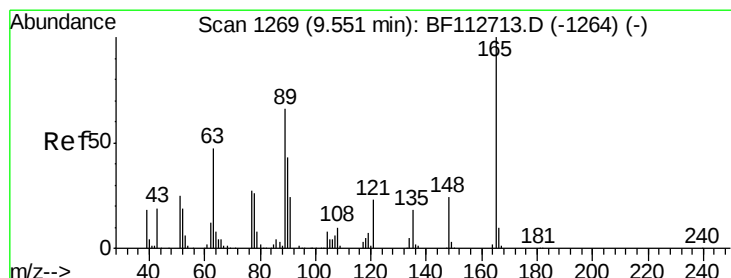
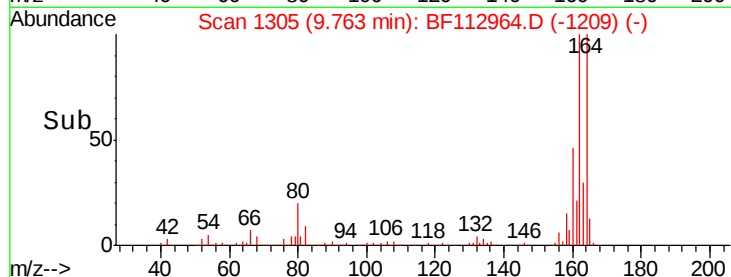
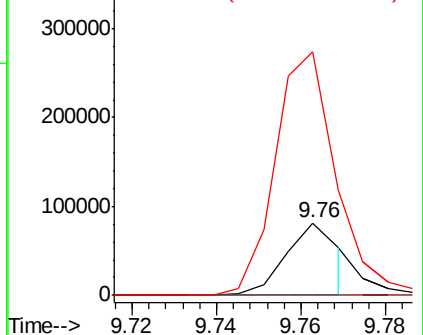
164 335.9 8.4 12.6#



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: 8.345 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF112964.D

Acq: 11 Mar 2019 19:38

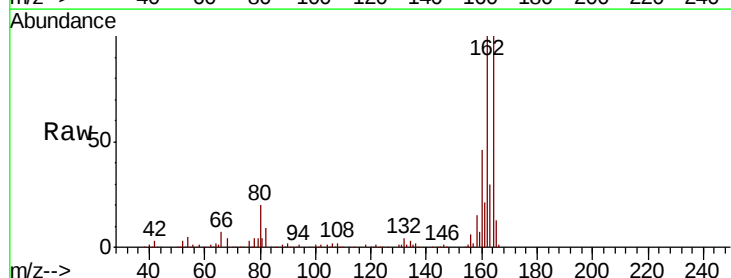
Tgt Ion:165 Resp: 36584

Ion Ratio Lower Upper

165 100

63 1.6 54.1 81.1#

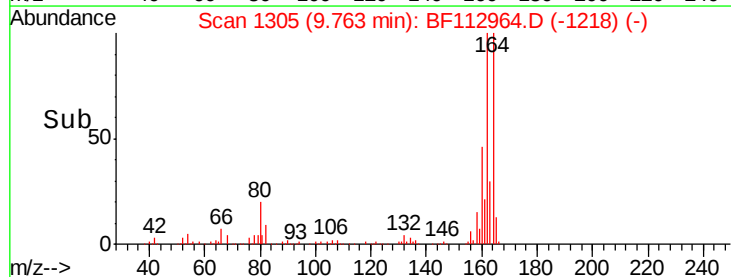
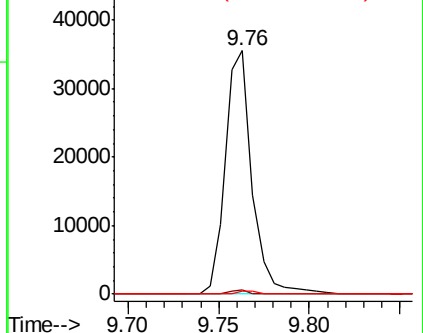
89 1.2 52.8 79.2#



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

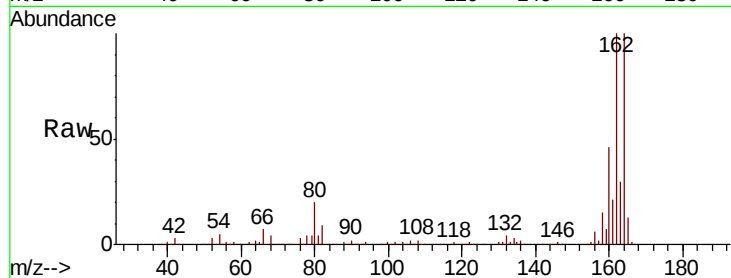




#57
2,4-Dinitrotoluene
Concen: 6.713 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#

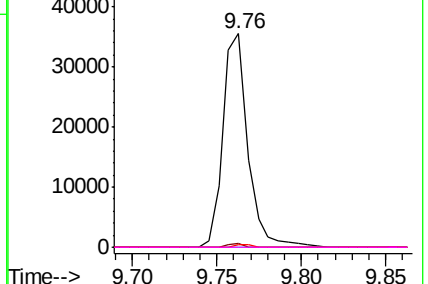
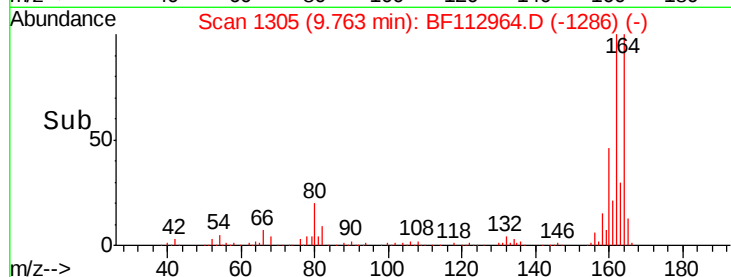


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

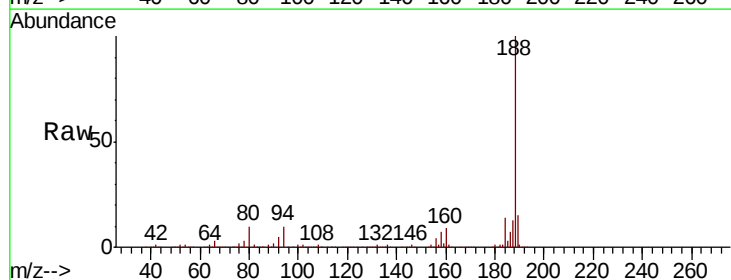
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

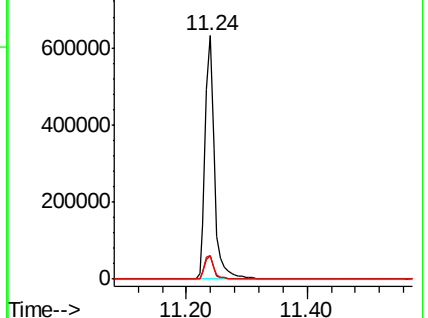
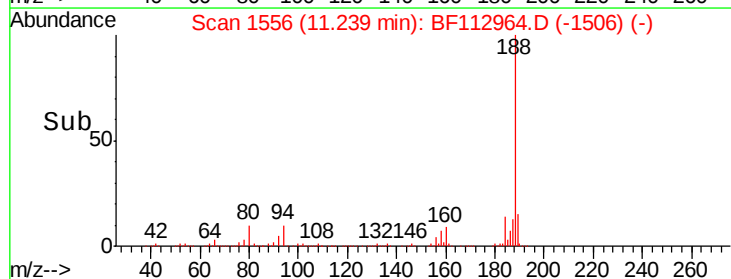
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	9.9	9.2	13.8



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

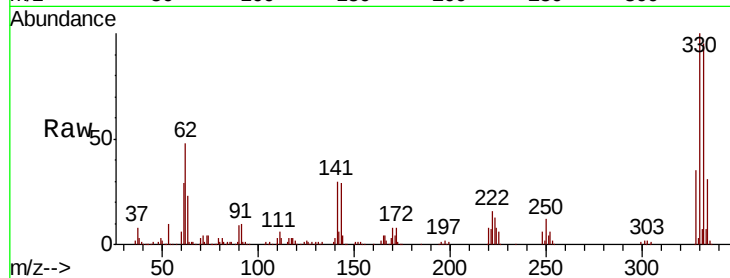




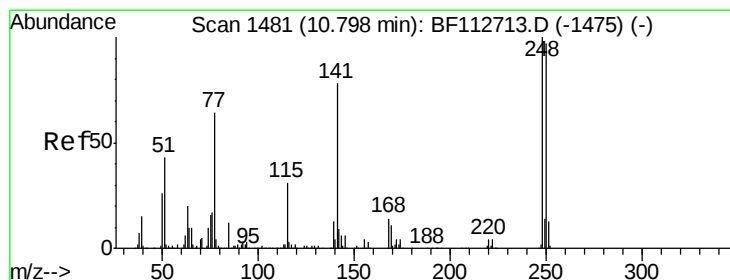
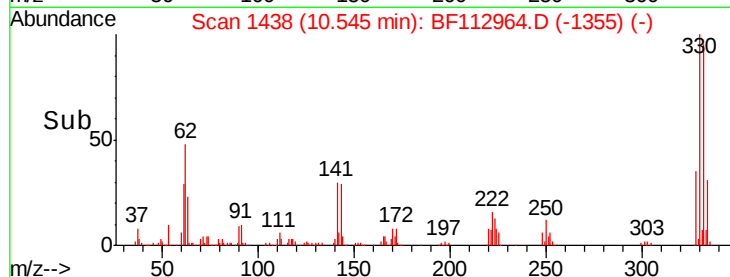
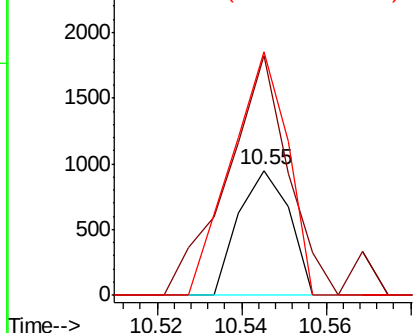
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.871 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112964.D
 Acq: 11 Mar 2019 19:38

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

Tgt Ion:198 Resp: 792
 Ion Ratio Lower Upper
 198 100
 51 192.2 43.8 83.8#
 105 195.3 36.5 76.5#

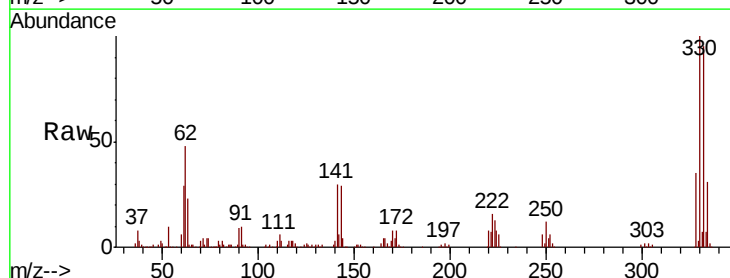


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

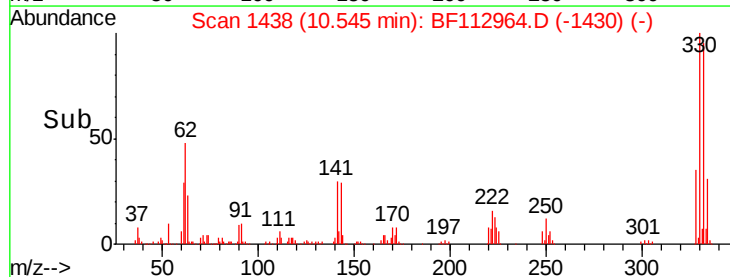
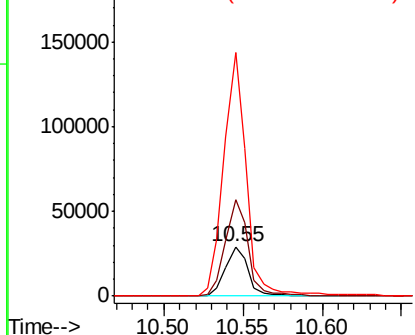


#67
 4-Bromophenyl-phenylether
 Concen: 4.077 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112964.D
 Acq: 11 Mar 2019 19:38

Tgt Ion:248 Resp: 28947
 Ion Ratio Lower Upper
 248 100
 250 196.1 77.5 116.3#
 141 494.2 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

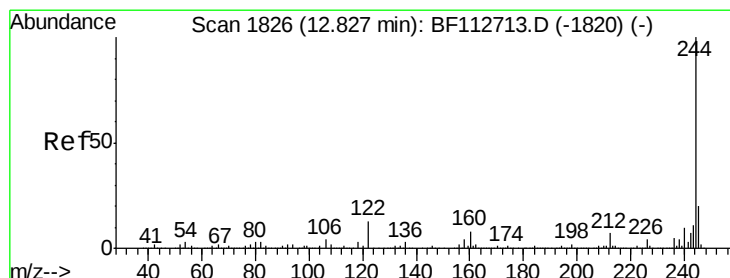
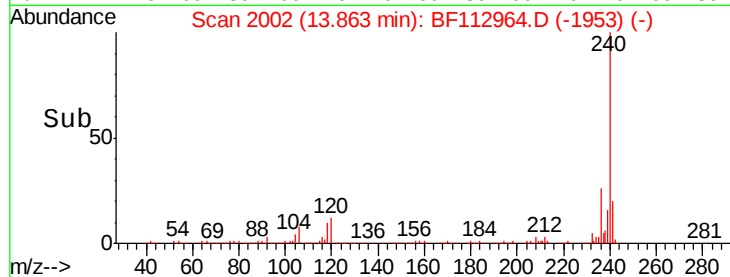
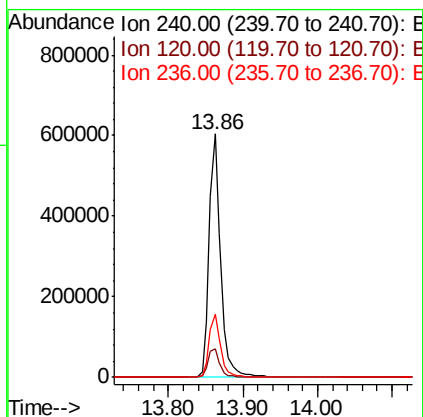
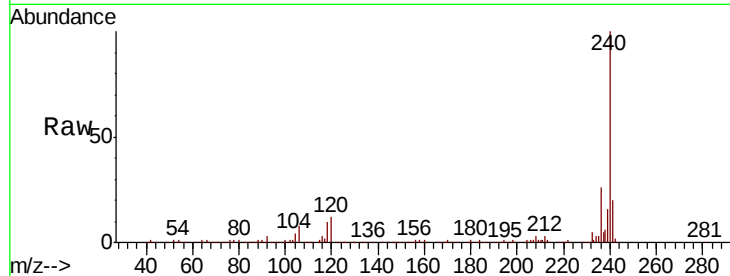




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

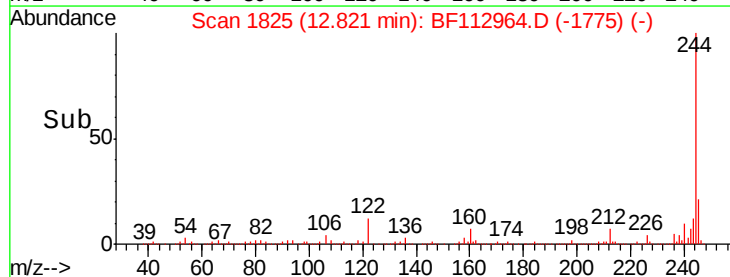
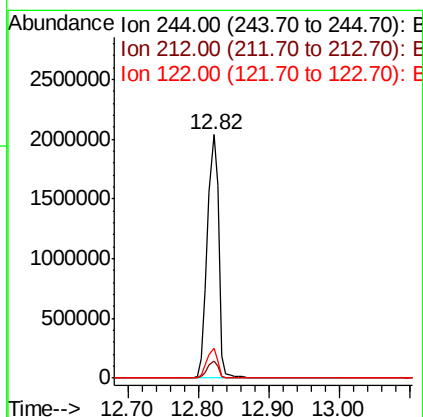
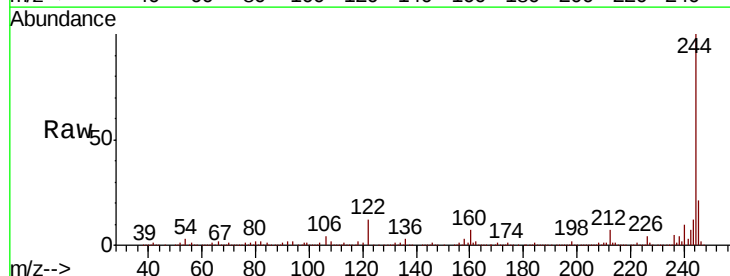
Instrument :
BNA_F
ClientSampleId :
CL-02-030819-A

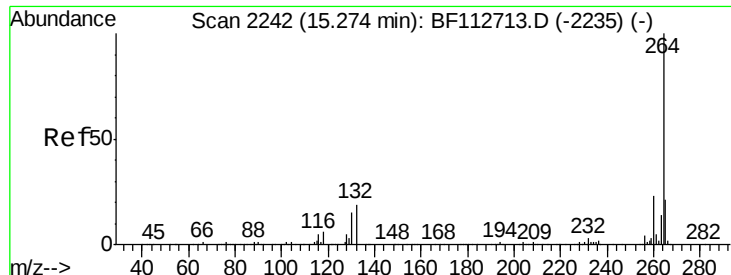
Tgt Ion:240 Resp: 643701
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.2 20.7 31.1



#79
Terphenyl-d14
Concen: 68.775 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

Tgt Ion:244 Resp: 2283766
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 12.0 10.5 15.7



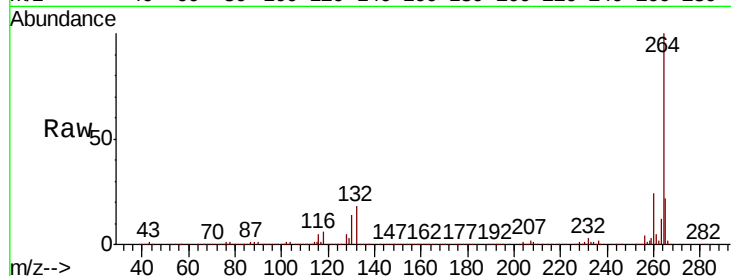


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112964.D
Acq: 11 Mar 2019 19:38

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

Tgt Ion: 264 Resp: 557988

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.6	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

