

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112967.D
 Acq On : 11 Mar 2019 21:00
 Operator : JU/SJ
 Sample : K1692-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 12 04:41:55 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	155228	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	579802	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	298958	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	710790	20.00	ng	0.00
76) Chrysene-d12	13.86	240	659310	20.00	ng	-0.01
87) Perylene-d12	15.27	264	532511	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	913697	91.56	ng	0.00
7) Phenol-d6	6.36	99	1078578	86.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	841825	86.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	508198	160.12	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1612971	91.12	ng	-0.01
79) Terphenyl-d14	12.82	244	2201420	64.73	ng	0.00

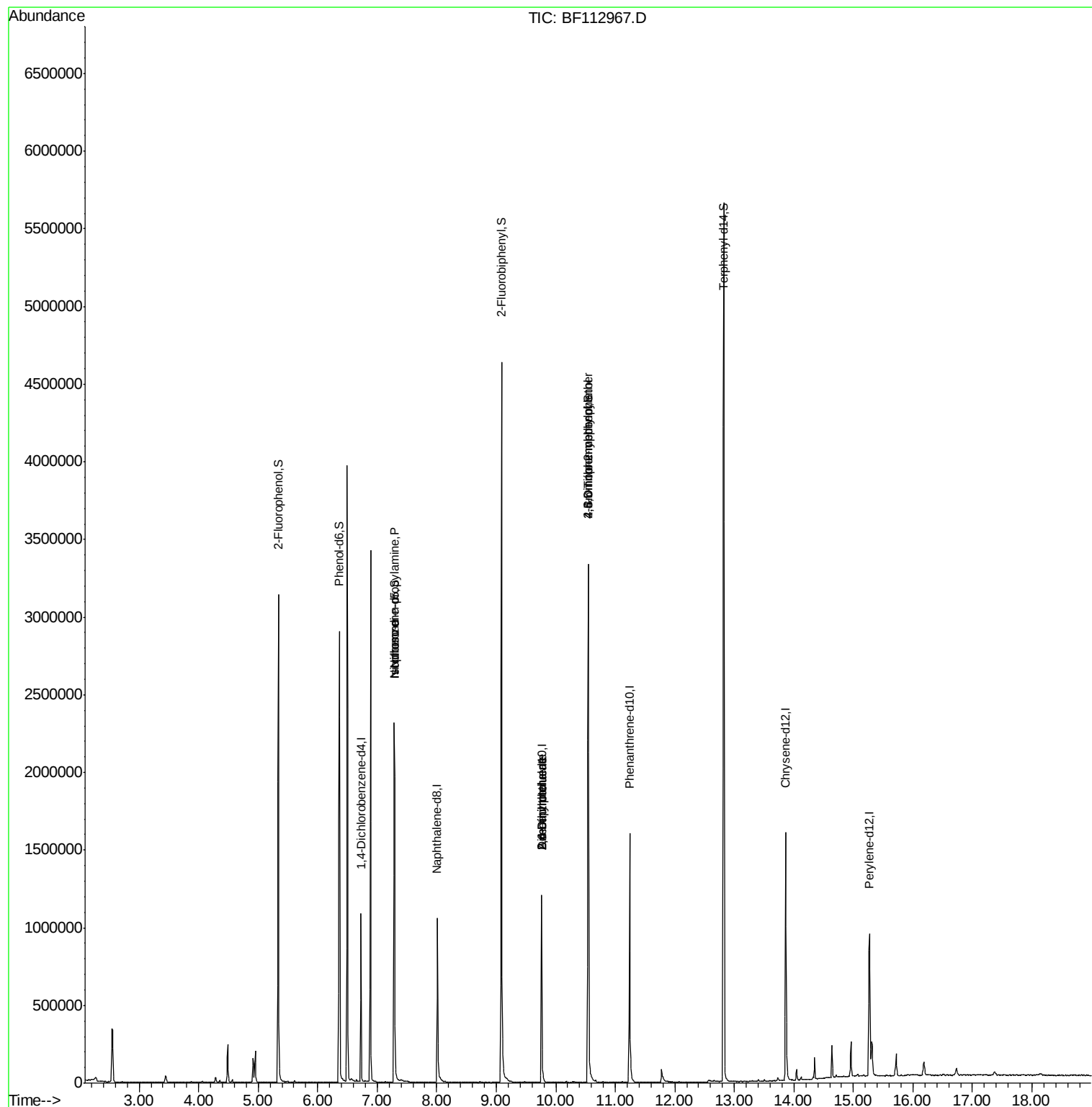
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	110548	13.925	ng	# 75
25) Isophorone	7.29	82	833924	39.949	ng	# 66
50) Dimethylphthalate	9.76	163	72510	3.289	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	37315	8.129	ng	# 17
57) 2,4-Dinitrotoluene	9.76	165	37315	6.540	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	705	4.831	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	28209	3.768	ng	# 1

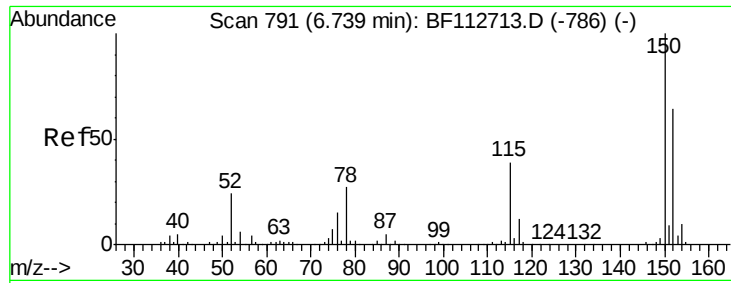
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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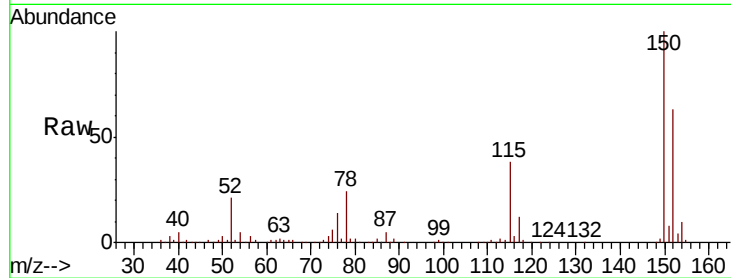




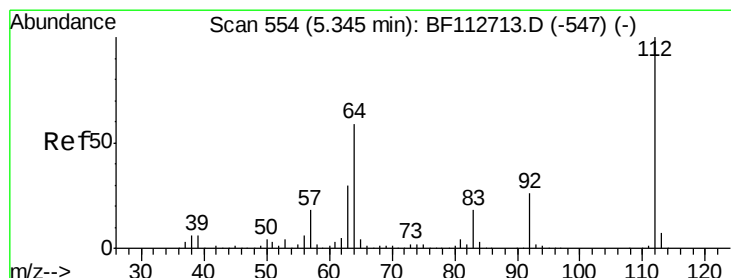
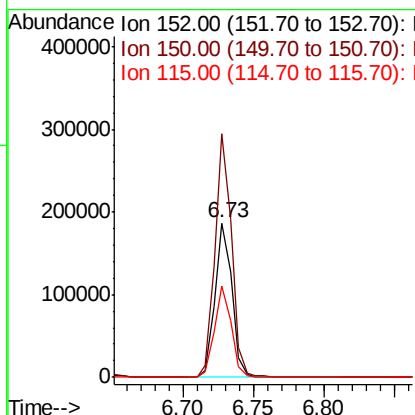
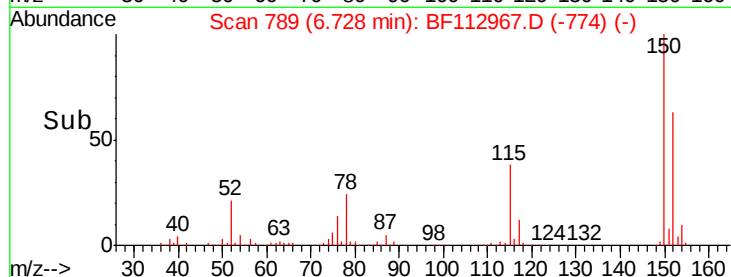
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112967.D
 Acq: 11 Mar 2019 21:00

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

Tgt Ion:152 Resp: 155228
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.2 186.2
 115 59.6 48.2 72.4

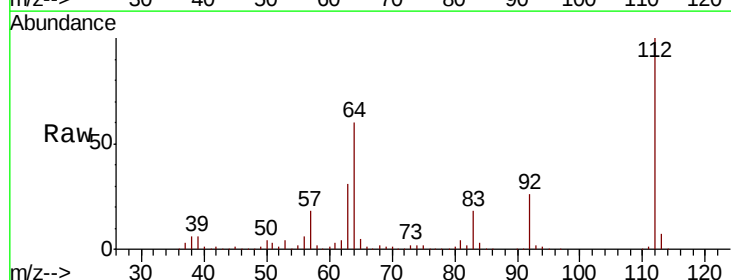


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

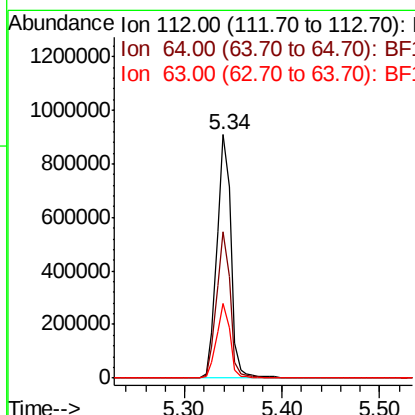
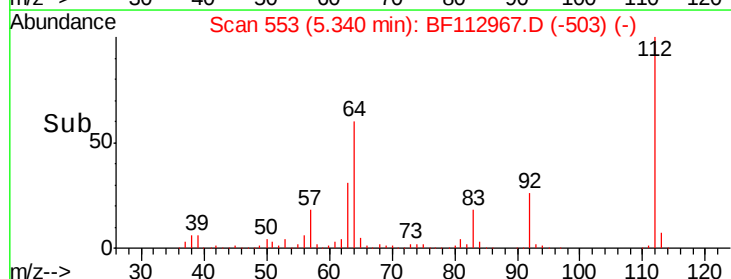


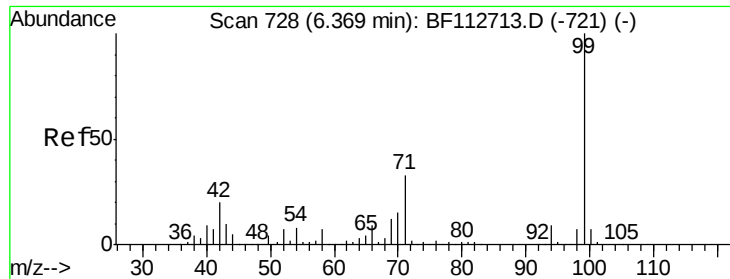
#5
 2-Fluorophenol
 Concen: 91.562 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF112967.D
 Acq: 11 Mar 2019 21:00

Tgt Ion:112 Resp: 913697
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.6 71.4
 63 30.7 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: 86.043 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112967.D

Acq: 11 Mar 2019 21:00

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-C

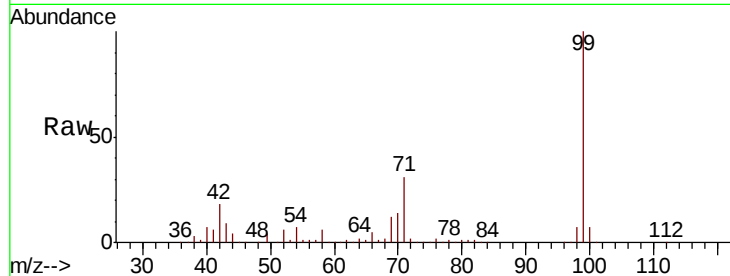
Tgt Ion: 99 Resp: 1078578

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

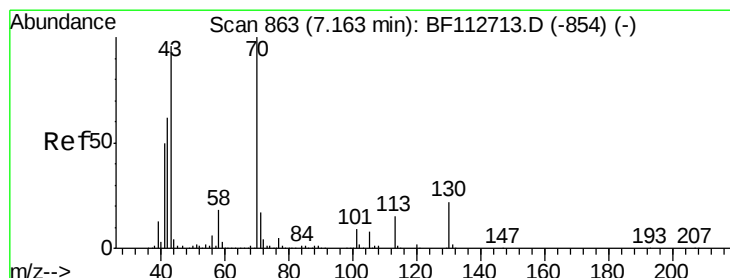
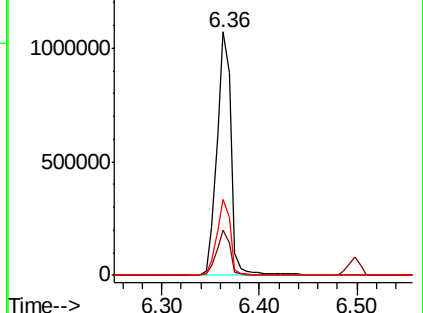
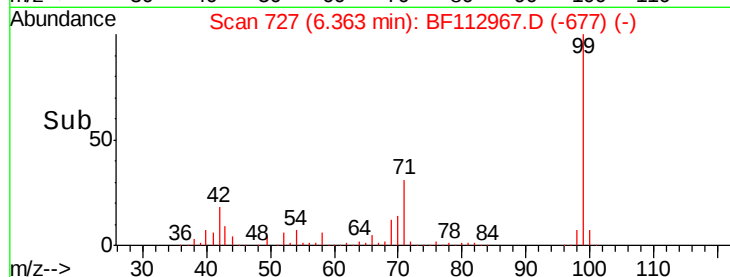
71 31.4 26.2 39.4



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: 13.925 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112967.D

Acq: 11 Mar 2019 21:00

Tgt Ion: 70 Resp: 110548

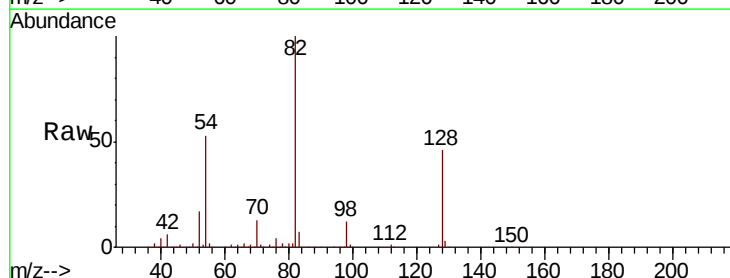
Ion Ratio Lower Upper

70 100

42 47.5 49.9 74.9#

101 0.0 7.4 11.2#

130 2.0 17.4 26.2#

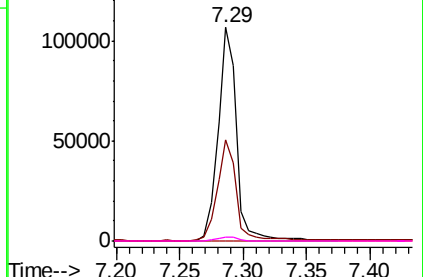
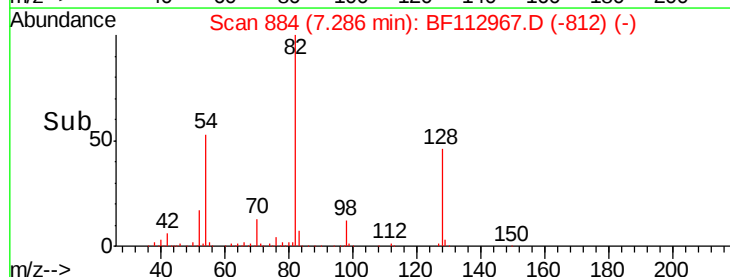


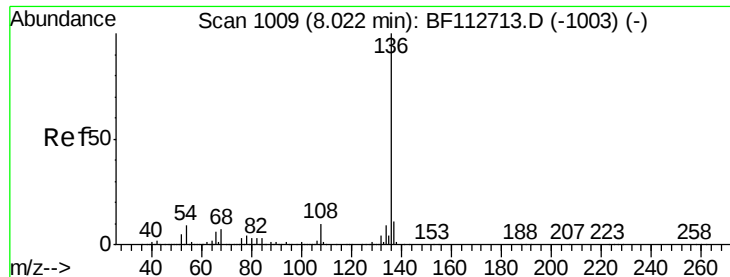
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF112967.D

Acq: 11 Mar 2019 21:00

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-C

Tgt Ion: 136 Resp: 579802

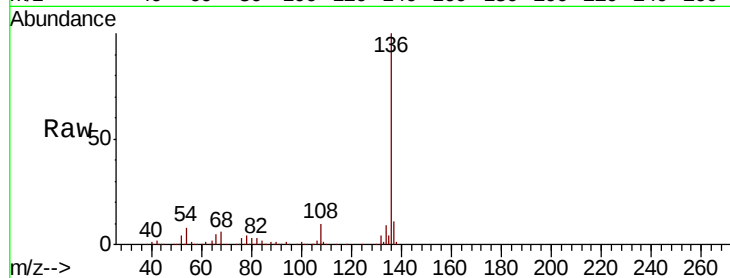
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 7.3 10.9

68 6.0 5.4 8.2

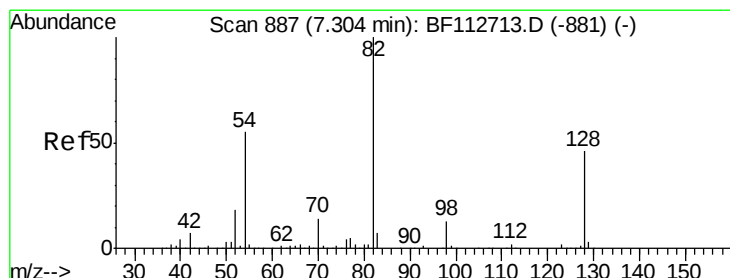
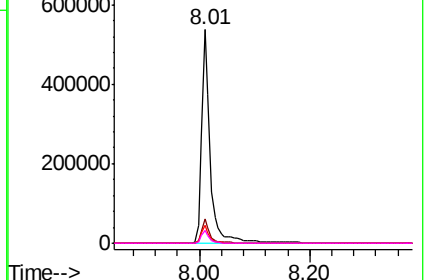
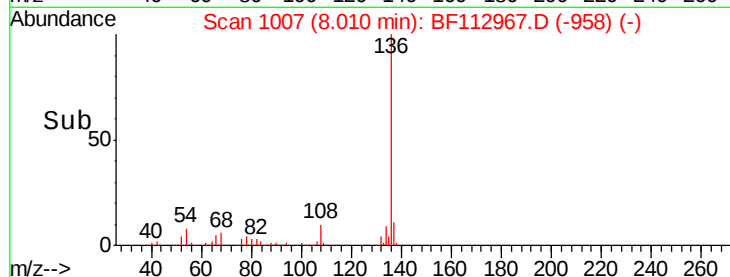


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.880 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112967.D

Acq: 11 Mar 2019 21:00

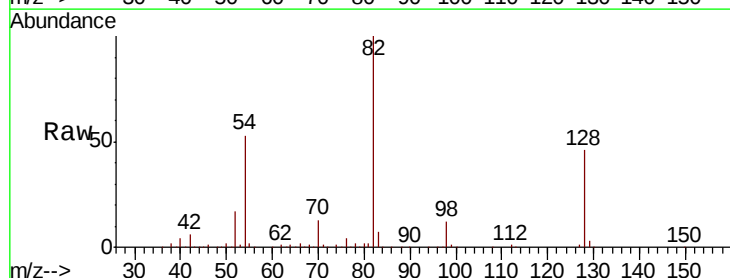
Tgt Ion: 82 Resp: 841825

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

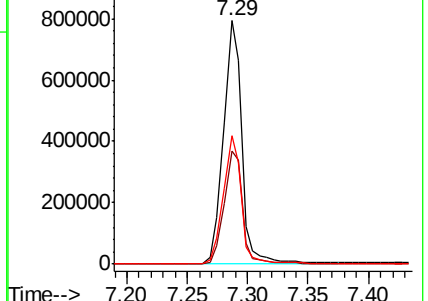
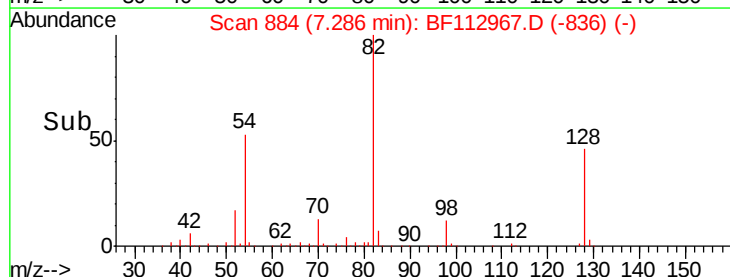
54 52.8 43.7 65.5

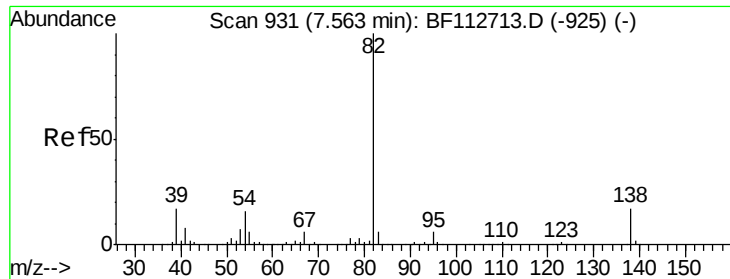


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.949 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112967.D

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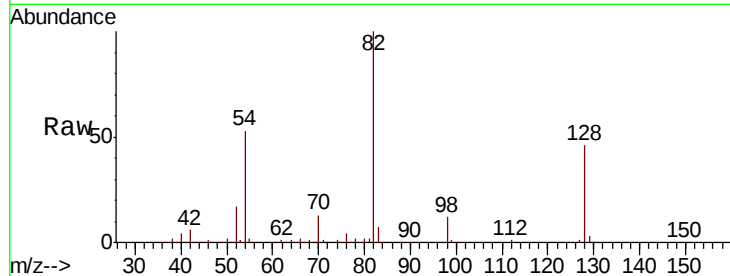
Tgt Ion: 82 Resp: 833924

Ion Ratio Lower Upper

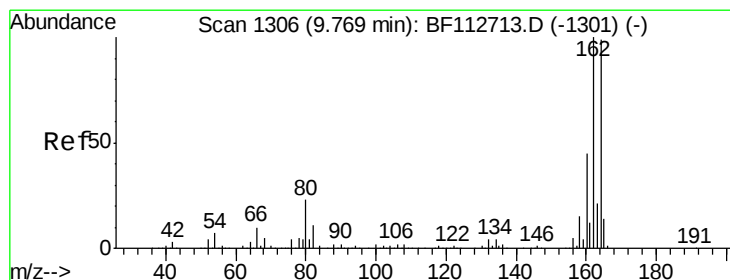
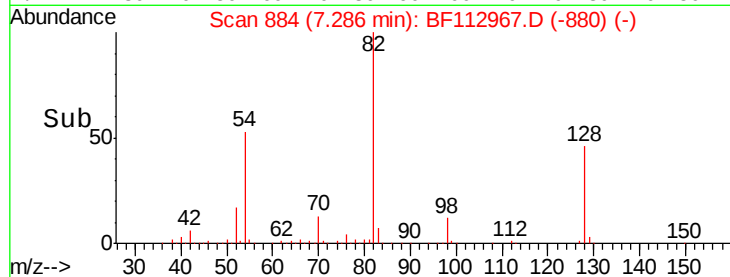
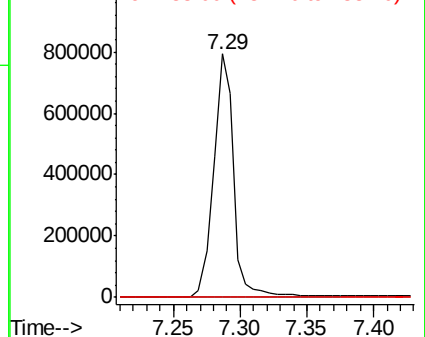
82 100

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: BF112967.D

Acq: 11 Mar 2019 21:00

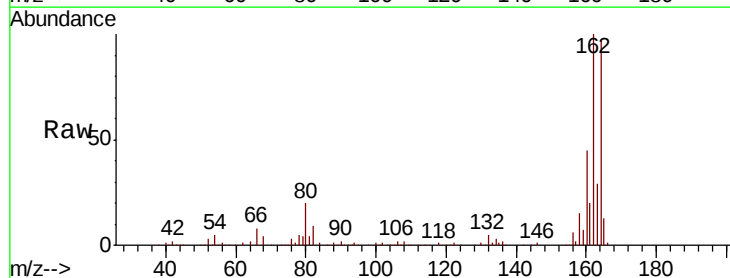
Tgt Ion: 164 Resp: 298958

Ion Ratio Lower Upper

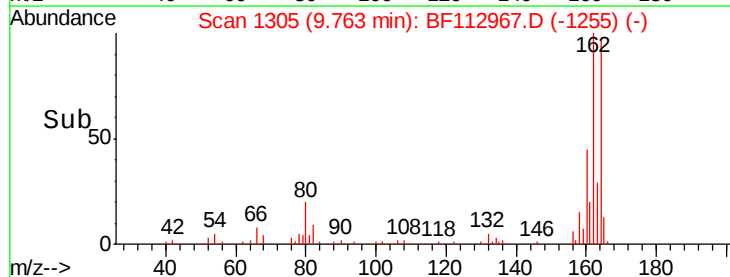
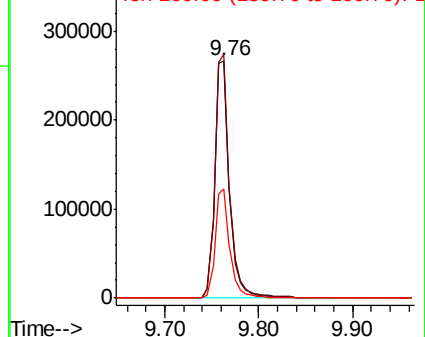
164 100

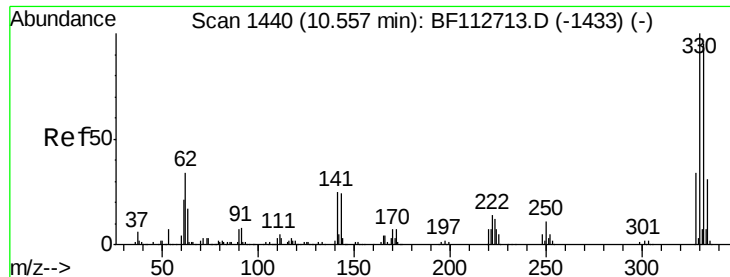
162 102.6 80.6 120.8

160 46.1 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: 160.122 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112967.D

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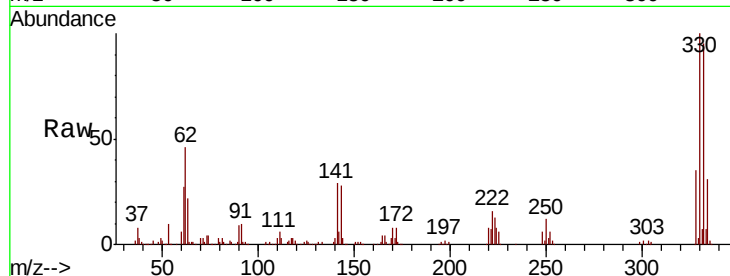
Tgt Ion:330 Resp: 508198

Ion Ratio Lower Upper

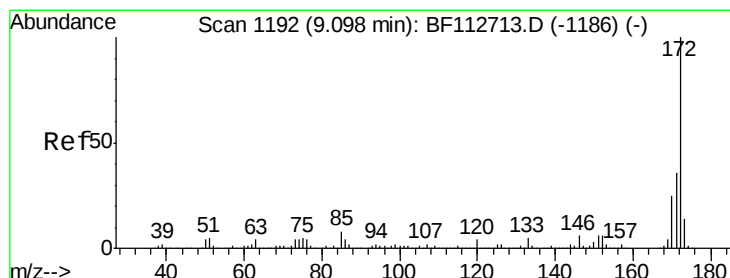
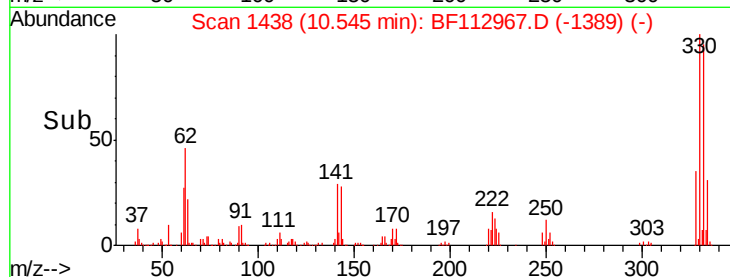
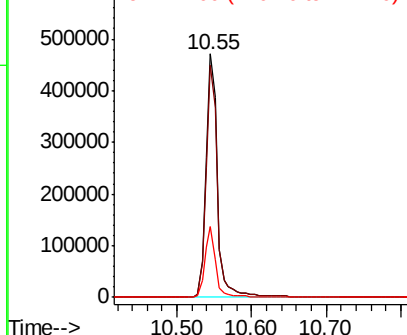
330 100

332 95.3 76.2 114.4

141 27.7 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: 91.123 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112967.D

Acq: 11 Mar 2019 21:00

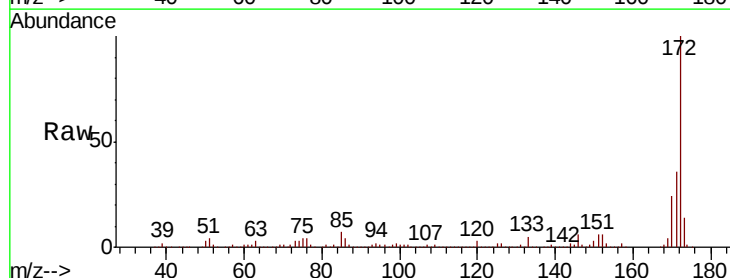
Tgt Ion:172 Resp: 1612971

Ion Ratio Lower Upper

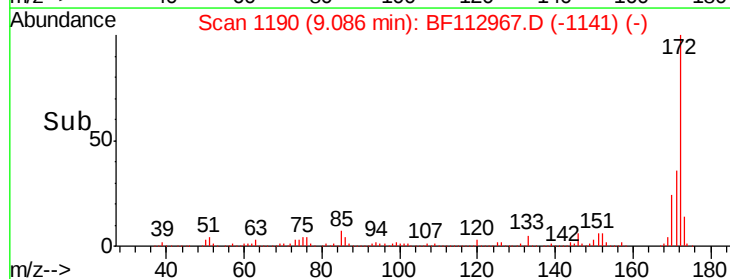
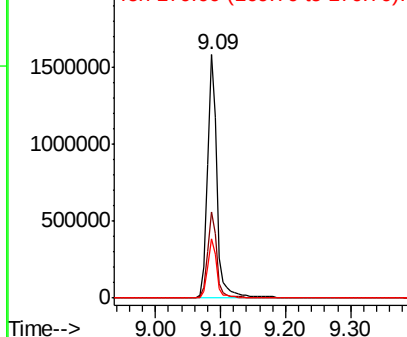
172 100

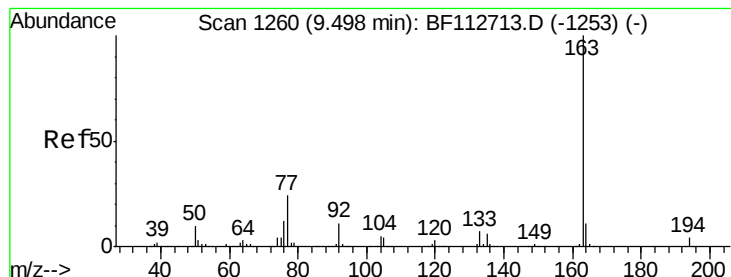
171 35.5 29.0 43.4

170 24.4 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: 3.289 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.26 min

Lab File: BF112967.D

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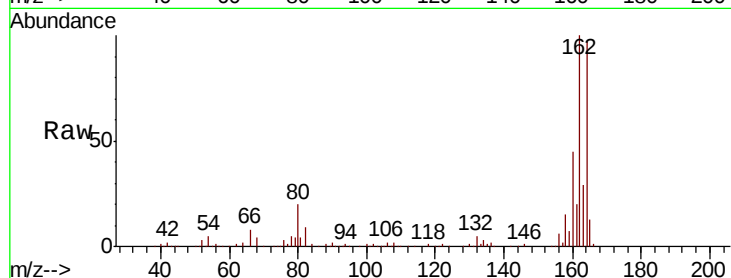
Tgt Ion:163 Resp: 72510

Ion Ratio Lower Upper

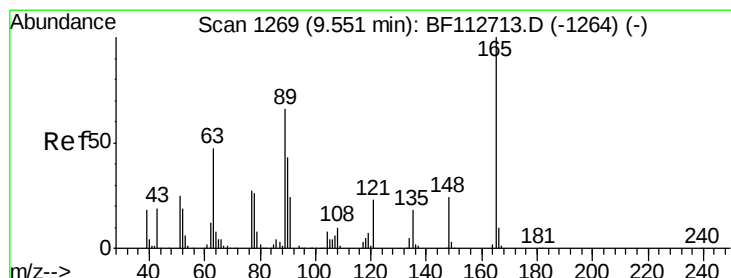
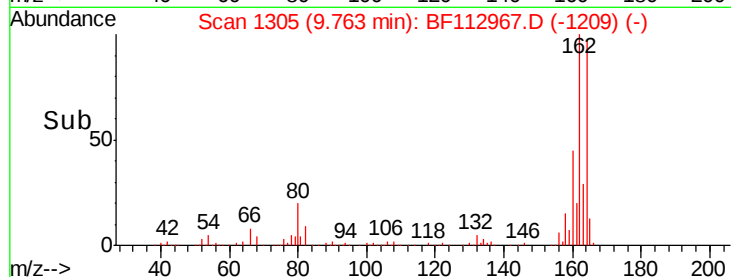
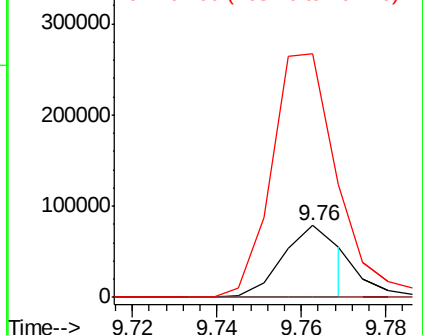
163 100

194 0.0 3.0 4.4#

164 338.1 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: 8.129 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF112967.D

Acq: 11 Mar 2019 21:00

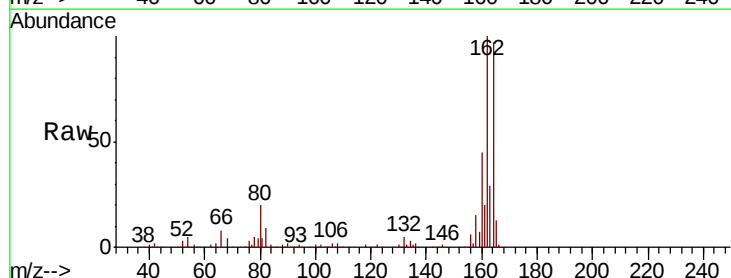
Tgt Ion:165 Resp: 37315

Ion Ratio Lower Upper

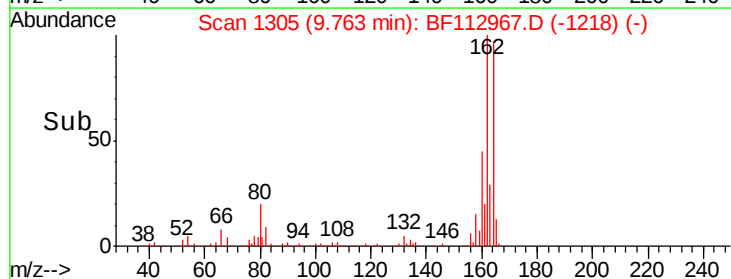
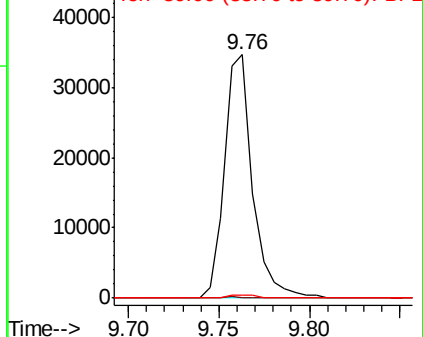
165 100

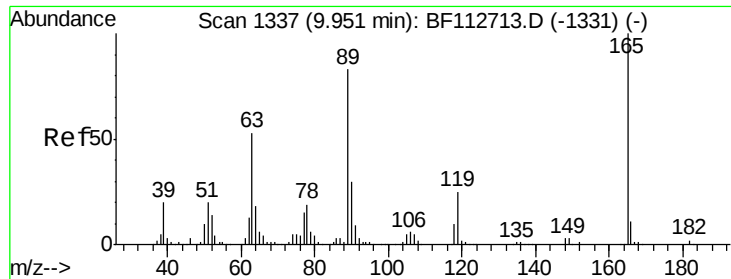
63 0.0 54.1 81.1#

89 1.4 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

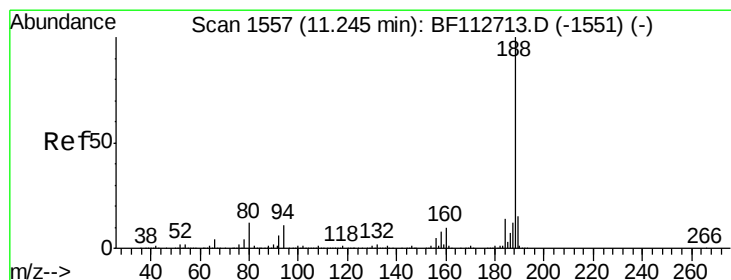
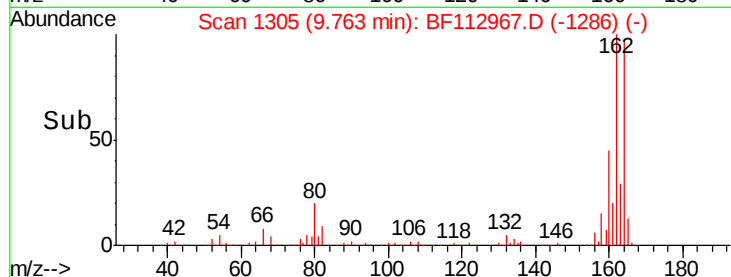
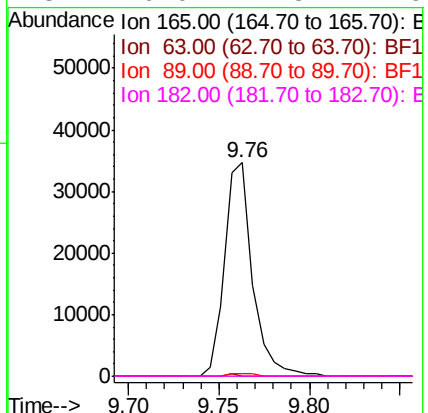
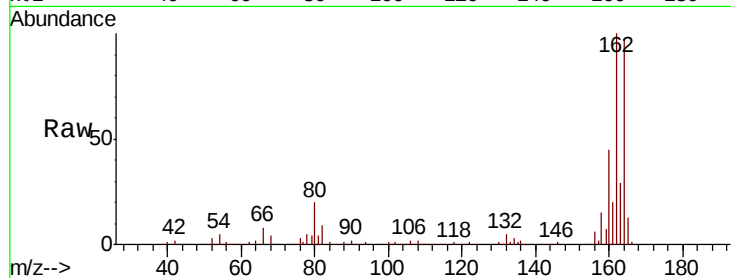




#57
 2,4-Dinitrotoluene
 Concen: 6.540 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112967.D
 Acq: 11 Mar 2019 21:00

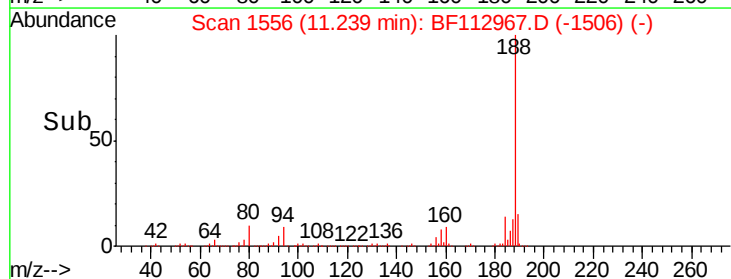
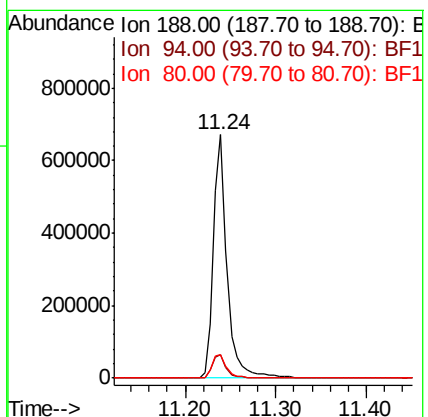
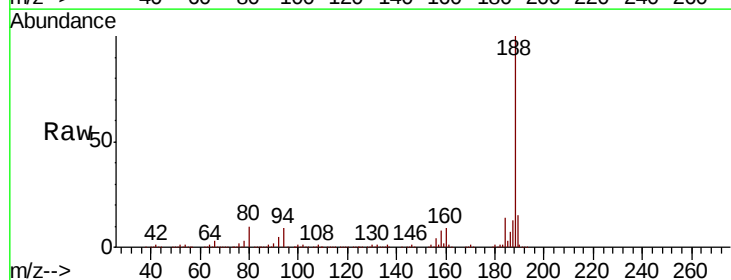
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-C

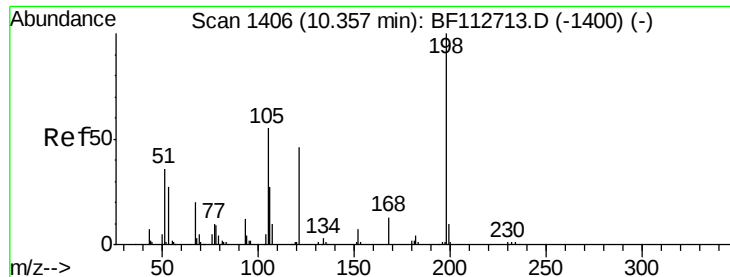
Tgt Ion:	165	Resp:	37315
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF112967.D
 Acq: 11 Mar 2019 21:00

Tgt Ion:	188	Resp:	710790
Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.7	9.2	13.8

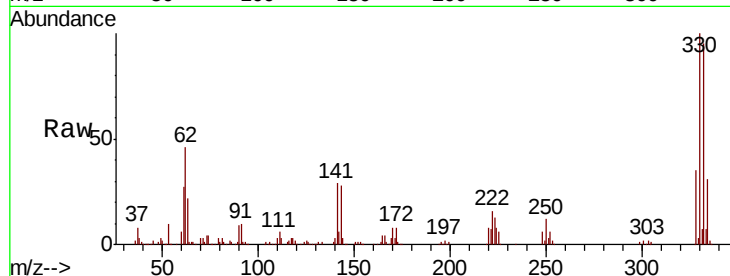




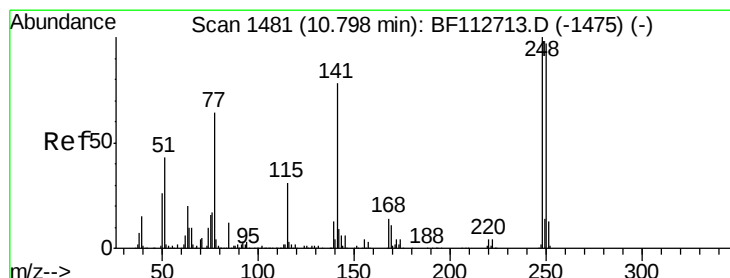
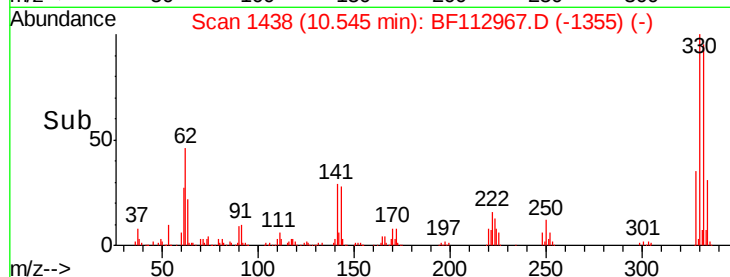
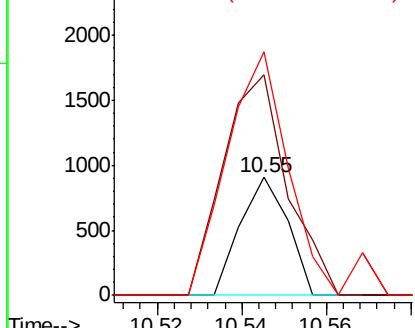
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.831 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112967.D
 Acq: 11 Mar 2019 21:00

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

Tgt Ion:198 Resp: 705
 Ion Ratio Lower Upper
 198 100
 51 187.2 43.8 83.8#
 105 206.6 36.5 76.5#

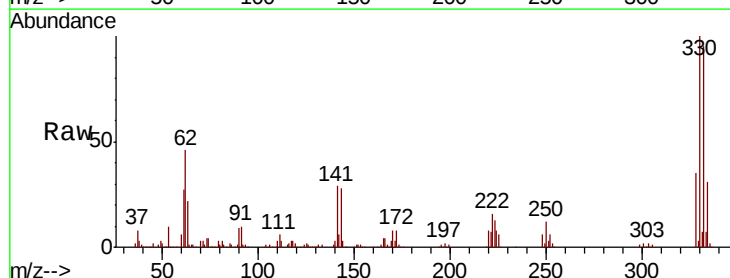


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

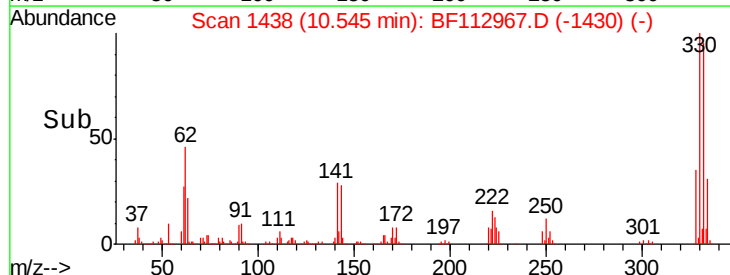
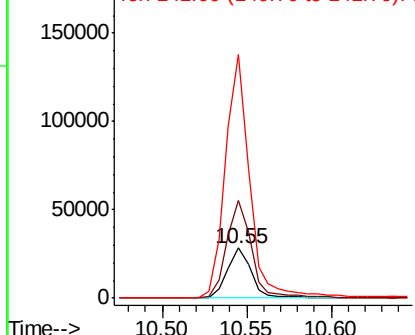


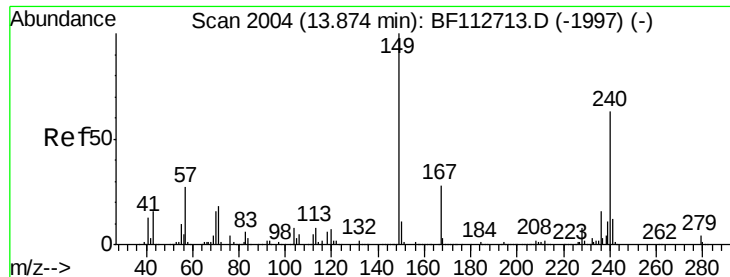
#67
 4-Bromophenyl-phenylether
 Concen: 3.768 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112967.D
 Acq: 11 Mar 2019 21:00

Tgt Ion:248 Resp: 28209
 Ion Ratio Lower Upper
 248 100
 250 196.9 77.5 116.3#
 141 489.8 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

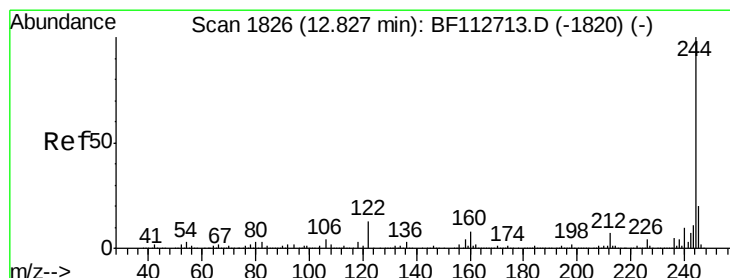
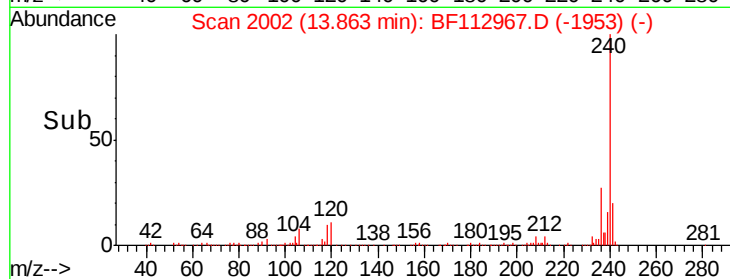
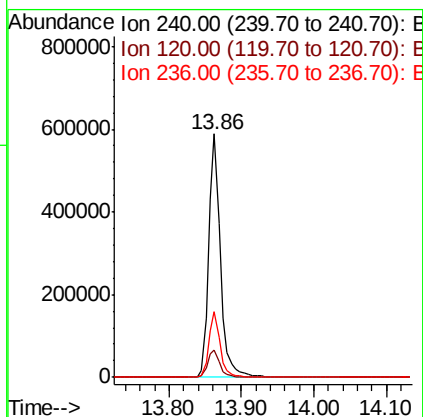
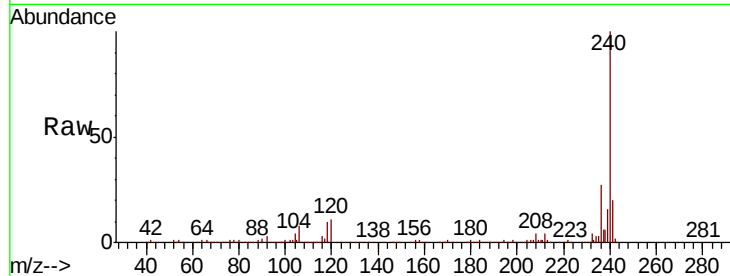




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112967.D
Acq: 11 Mar 2019 21:00

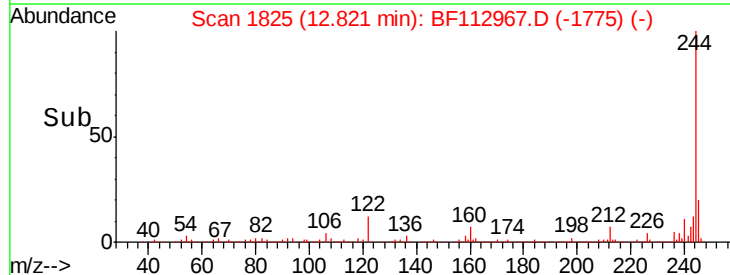
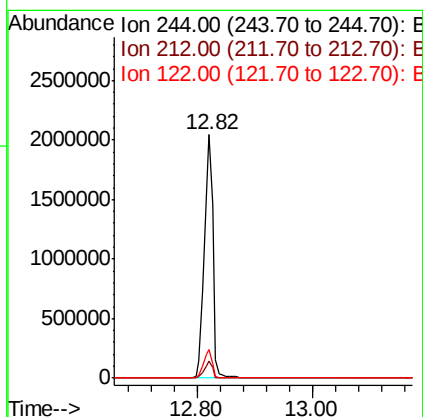
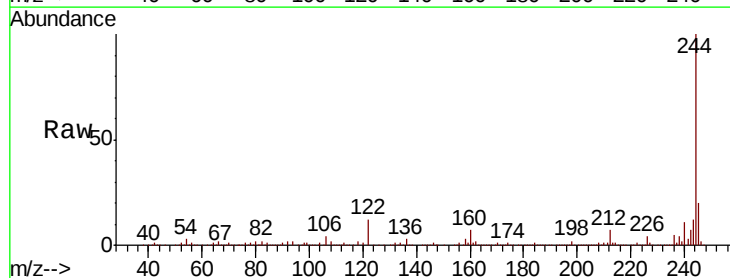
Instrument :
BNA_F
ClientSampleId :
CL-02-030819-C

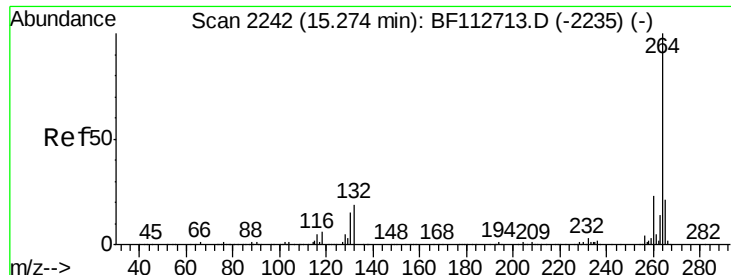
Tgt Ion:240 Resp: 659310
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.9 20.7 31.1



#79
Terphenyl-d14
Concen: 64.726 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112967.D
Acq: 11 Mar 2019 21:00

Tgt Ion:244 Resp: 2201420
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.9 10.5 15.7

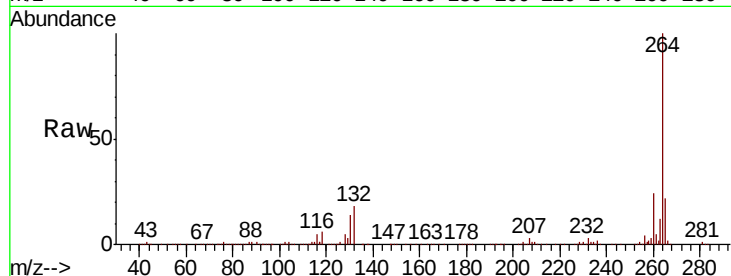




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112967.D
Acq: 11 Mar 2019 21:00

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

Tgt Ion:	264	Resp:	532511
Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

