

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112889.D
 Acq On : 6 Mar 2019 18:40
 Operator : JU/SJ
 Sample : K1753-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-7

Quant Time: Mar 07 04:19:46 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	144069	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	552269	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	269069	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	554803	20.00	ng	0.00
76) Chrysene-d12	13.86	240	409857	20.00	ng	-0.01
87) Perylene-d12	15.26	264	361373	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	958813	103.53	ng	0.00
7) Phenol-d6	6.37	99	1118433	96.13	ng	0.00
23) Nitrobenzene-d5	7.29	82	844261	91.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	447719	156.74	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1591865	104.15	ng	-0.01
79) Terphenyl-d14	12.82	244	1744002	82.49	ng	0.00

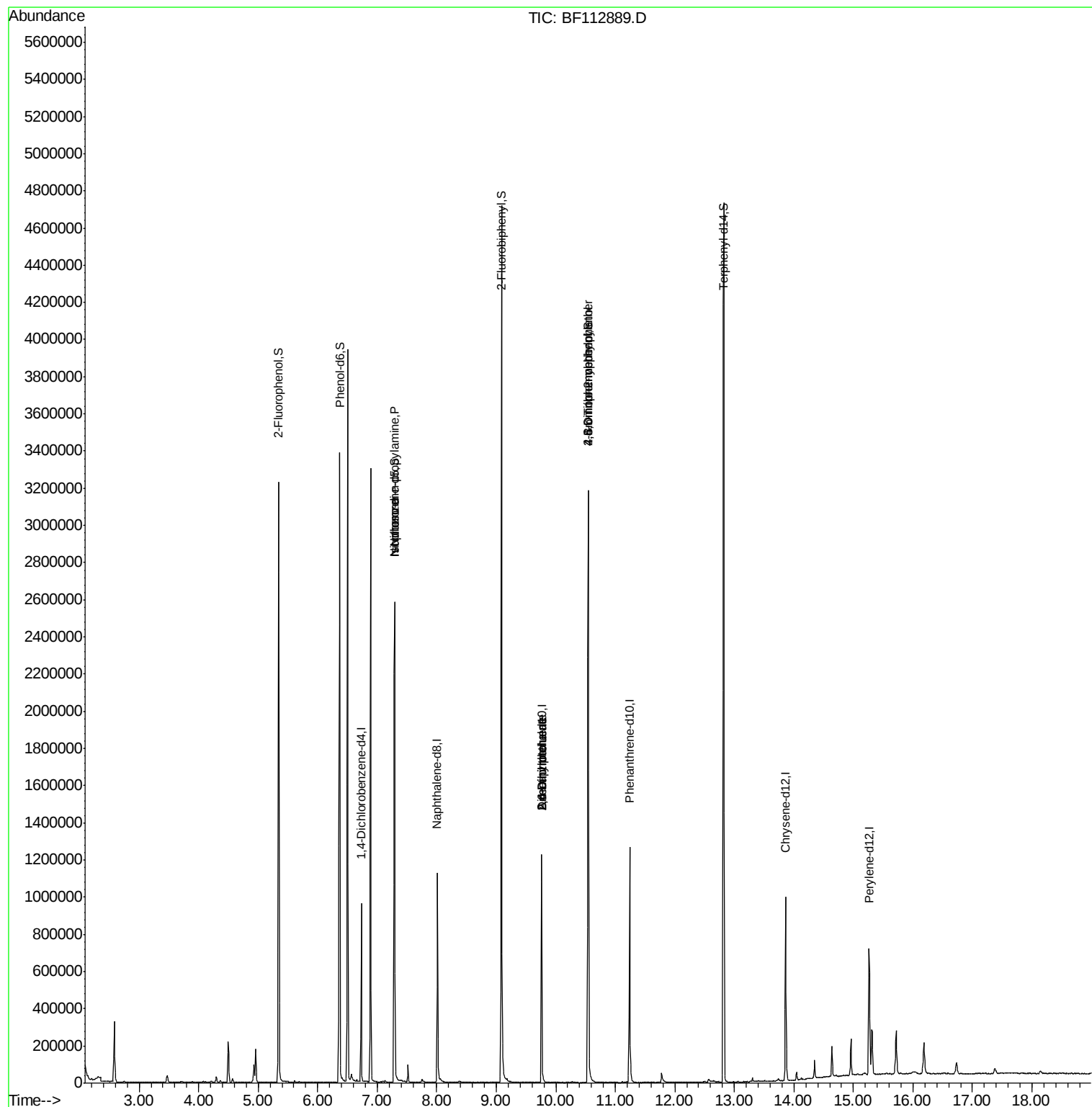
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	111651	15.153	ng	# 75
25) Isophorone	7.29	82	844254	42.460	ng	# 66
50) Dimethylphthalate	9.76	163	69329	3.494	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	34297	8.301	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	34297	6.678	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	591	4.847	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	25224	4.316	ng	# 1

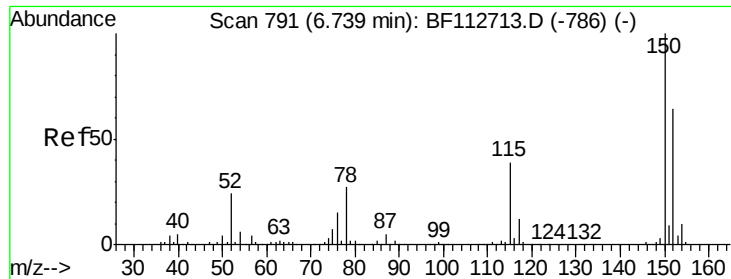
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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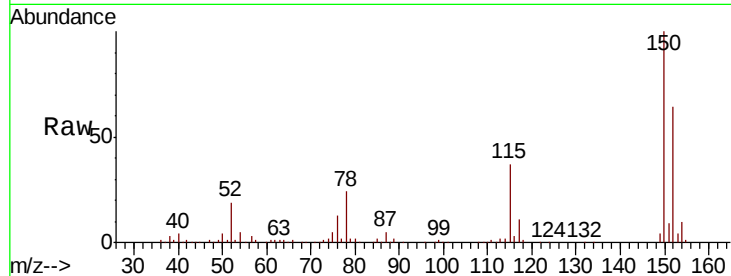


#1

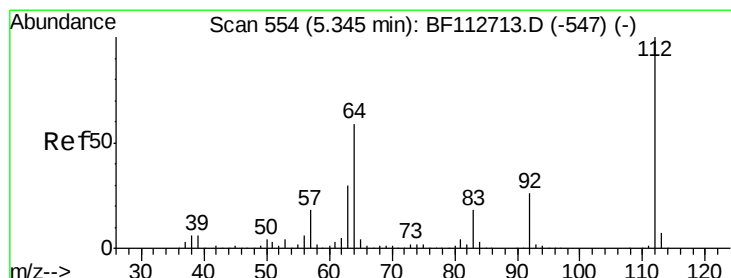
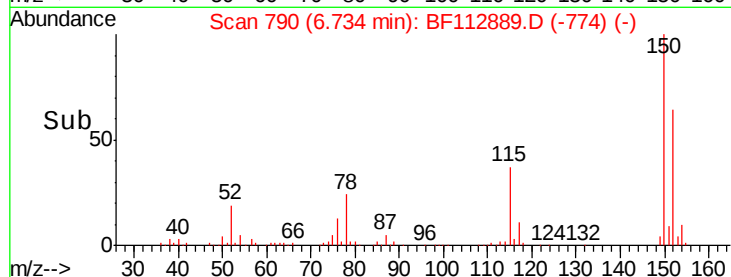
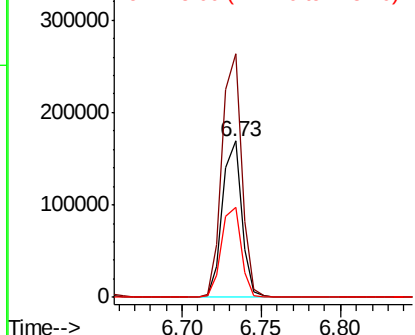
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:152 Resp: 144069
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.2
115 57.7 48.2 72.4



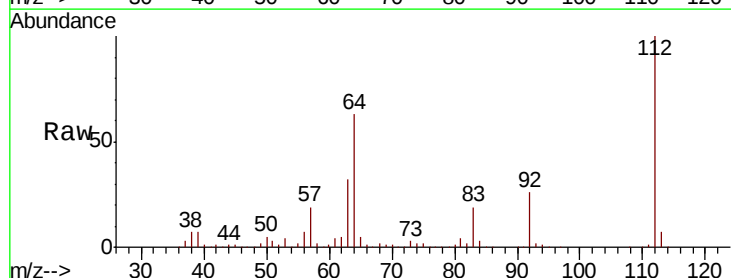
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



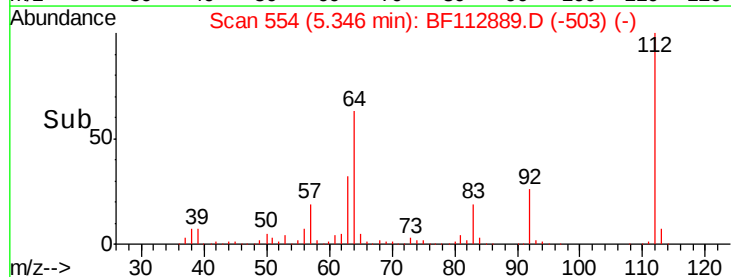
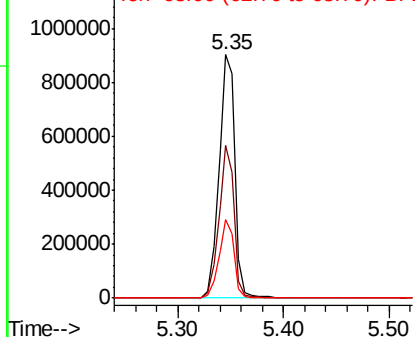
#5

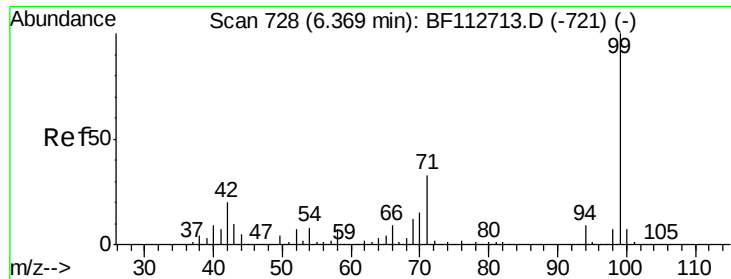
2-Fluorophenol
Concen: 103.525 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion:112 Resp: 958813
Ion Ratio Lower Upper
112 100
64 63.0 47.6 71.4
63 32.2 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: 96.134 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112889.D

Acq: 6 Mar 2019 18:40

Instrument :

BNA_F

ClientSampleId :

Z-2-7

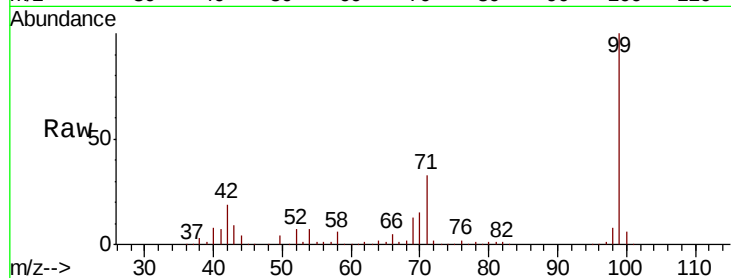
Tgt Ion: 99 Resp: 1118433

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

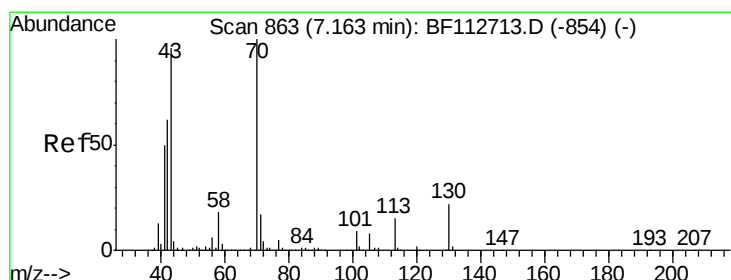
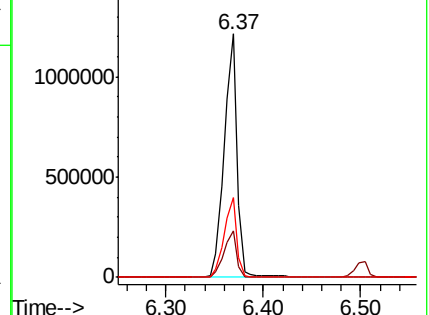
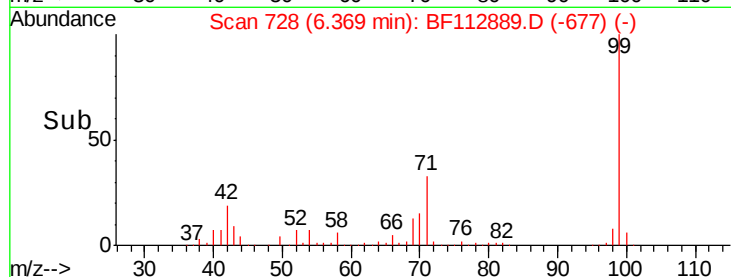
71 32.9 26.2 39.4



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: 15.153 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112889.D

Acq: 6 Mar 2019 18:40

Tgt Ion: 70 Resp: 111651

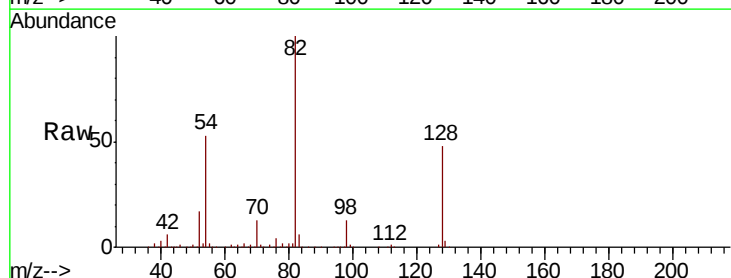
Ion Ratio Lower Upper

70 100

42 47.4 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

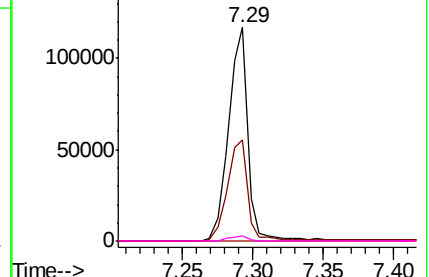
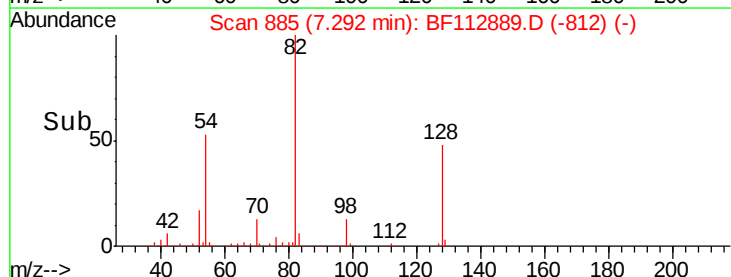


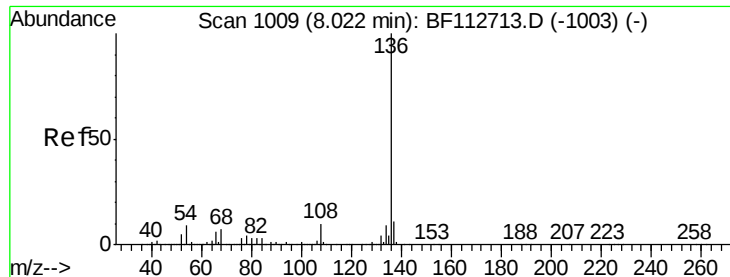
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

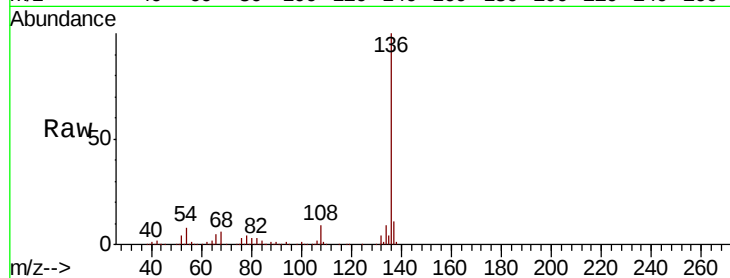




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:	136	Resp:	552269
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	7.3	10.9
68	6.2	5.4	8.2



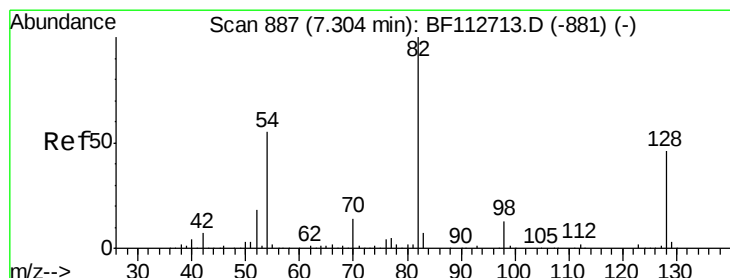
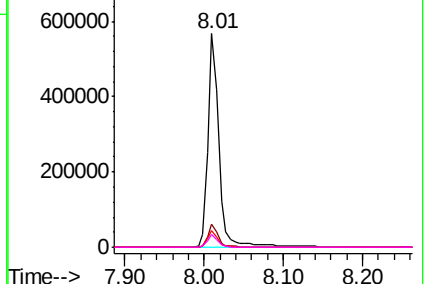
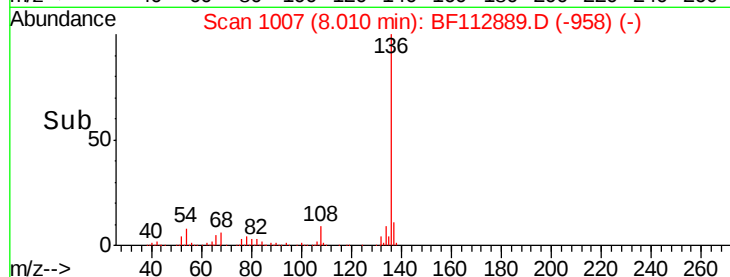
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

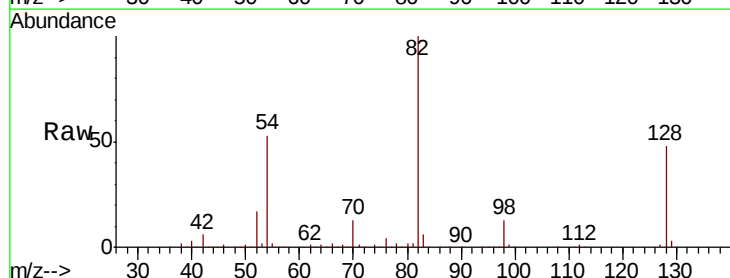
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 91.475 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion:	82	Resp:	844261
Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.3	54.5
54	53.1	43.7	65.5

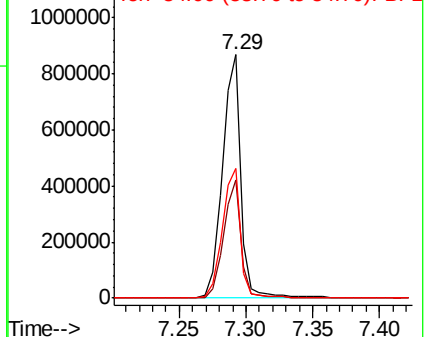
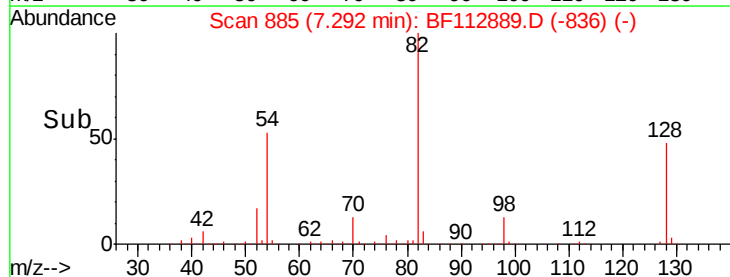


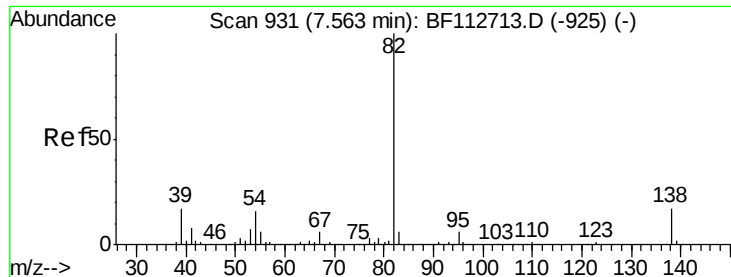
Abundance

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

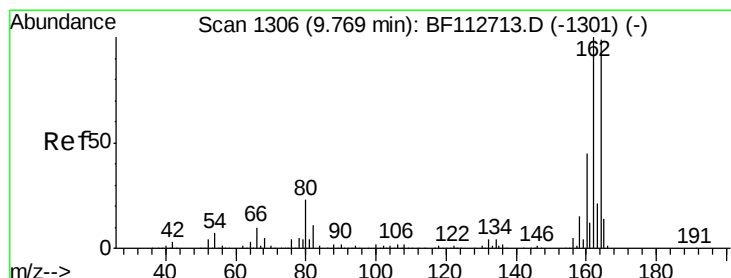
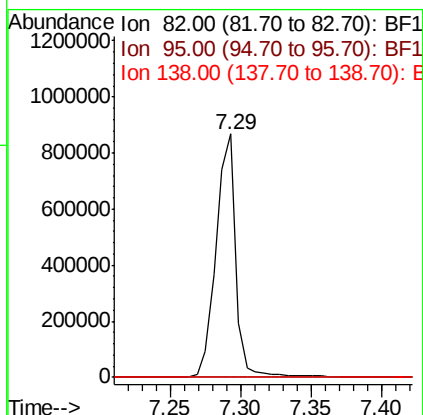
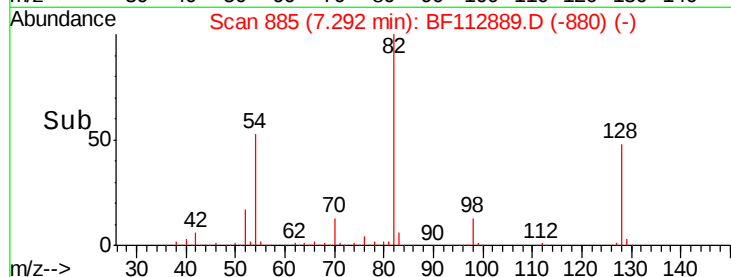
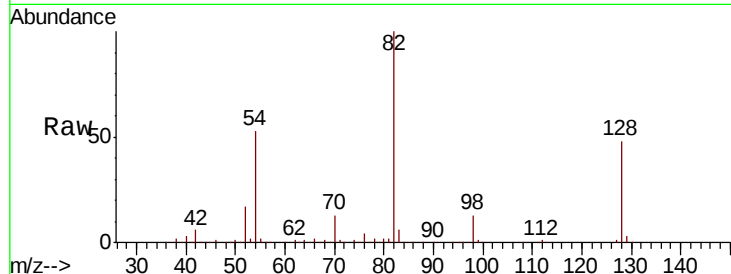




#25
Isophorone
Concen: 42.460 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

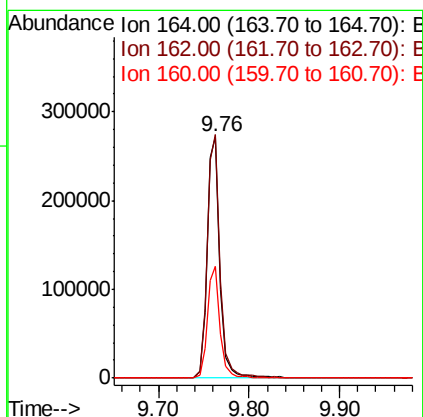
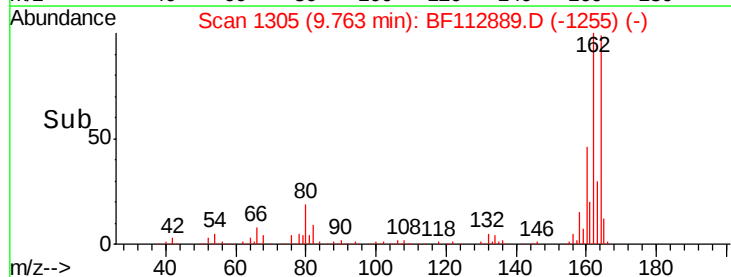
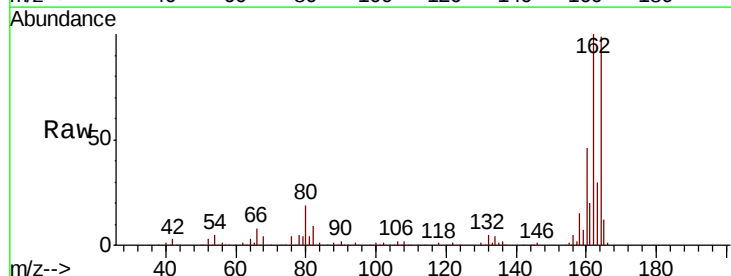
Instrument :
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Z-2-7

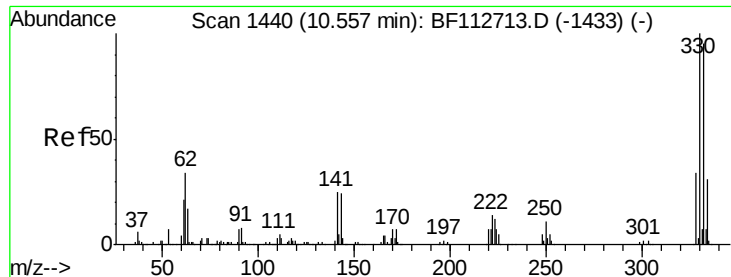
Tgt Ion: 82 Resp: 844254
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion: 164 Resp: 269069
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 46.4 36.0 54.0

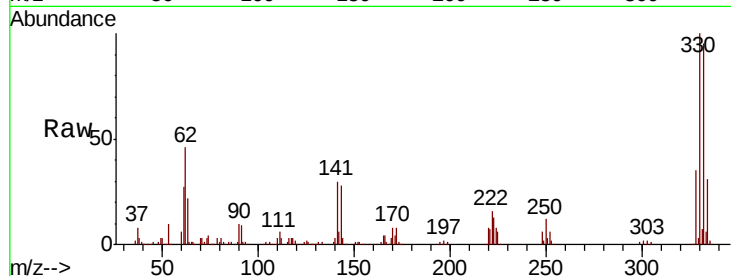




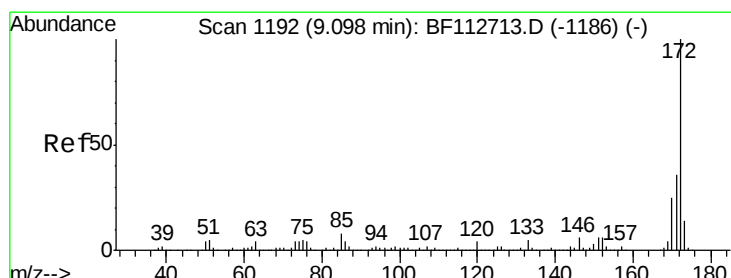
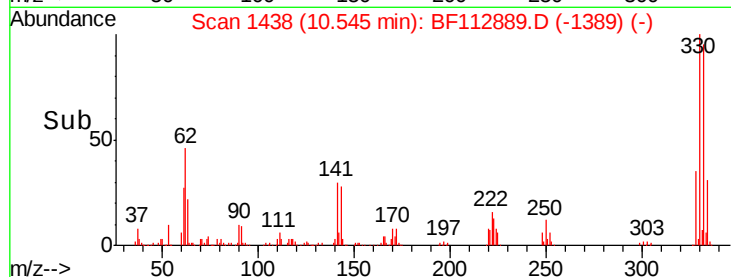
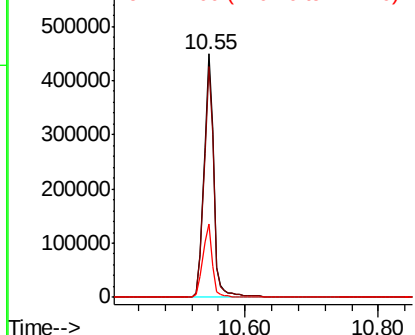
#42
 2,4,6-Tribromophenol
 Concen: 156.737 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112889.D
 Acq: 6 Mar 2019 18:40

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-7

Tgt Ion:330 Resp: 447719
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 29.2 27.0 40.6

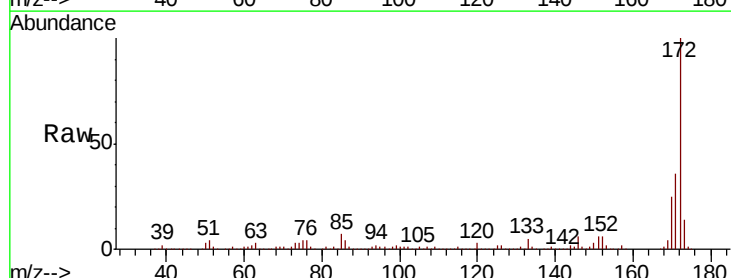


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

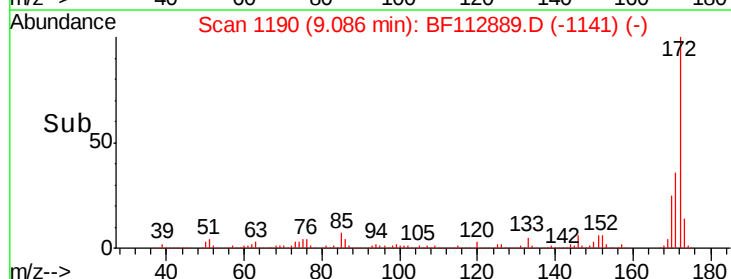
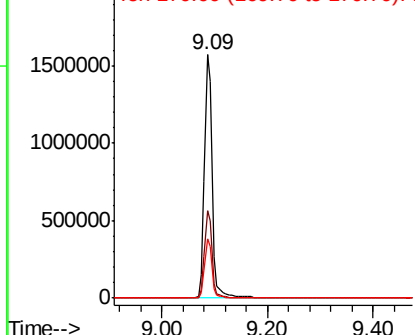


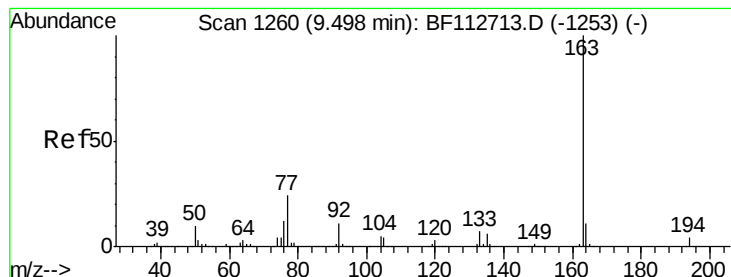
#45
 2-Fluorobiphenyl
 Concen: 104.151 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112889.D
 Acq: 6 Mar 2019 18:40

Tgt Ion:172 Resp: 1591865
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 3.494 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.26 min

Lab File: BF112889.D

Acq: 6 Mar 2019 18:40

Instrument :

BNA_F

ClientSampleId :

Z-2-7

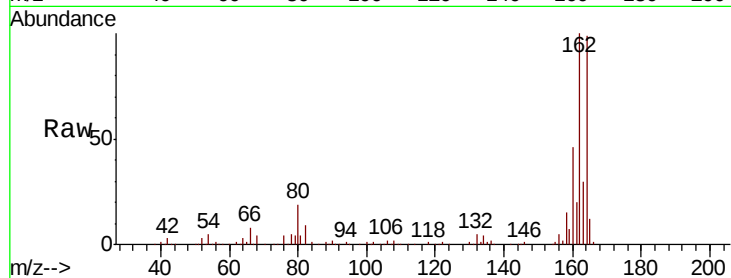
Tgt Ion:163 Resp: 69329

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

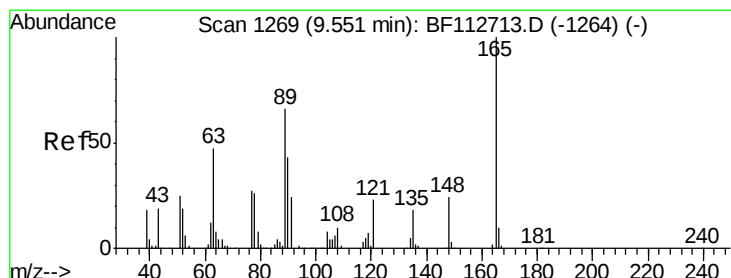
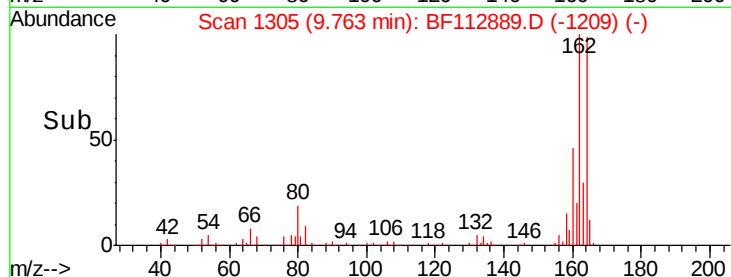
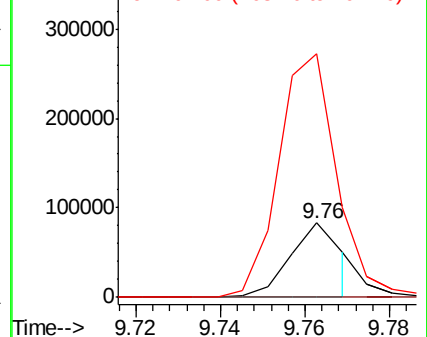
164 327.6 8.4 12.6#



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: 8.301 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF112889.D

Acq: 6 Mar 2019 18:40

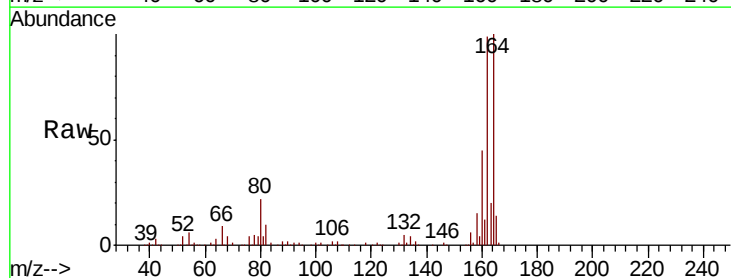
Tgt Ion:165 Resp: 34297

Ion Ratio Lower Upper

165 100

63 1.2 54.1 81.1#

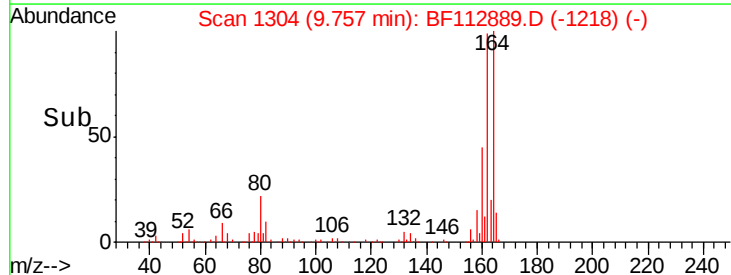
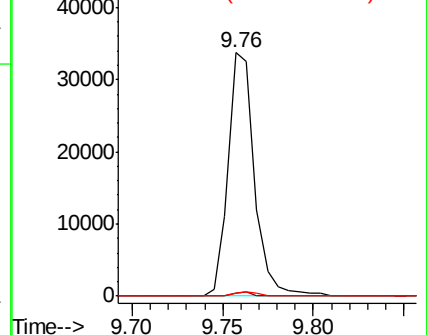
89 1.1 52.8 79.2#

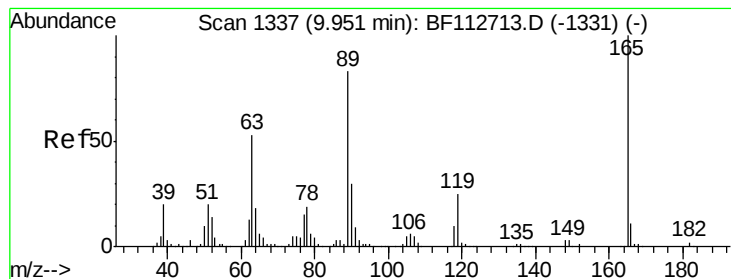


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.678 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF112889.D

Acq: 6 Mar 2019 18:40

Instrument :

BNA_F

ClientSampled :

Z-2-7

Tgt Ion:165 Resp: 34297

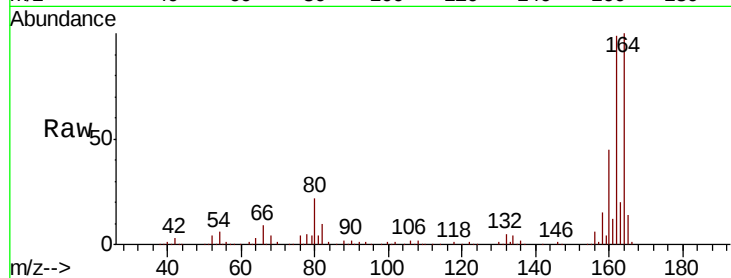
Ion Ratio Lower Upper

165 100

63 1.2 42.2 63.2#

89 1.1 66.2 99.4#

182 0.0 1.8 2.6#

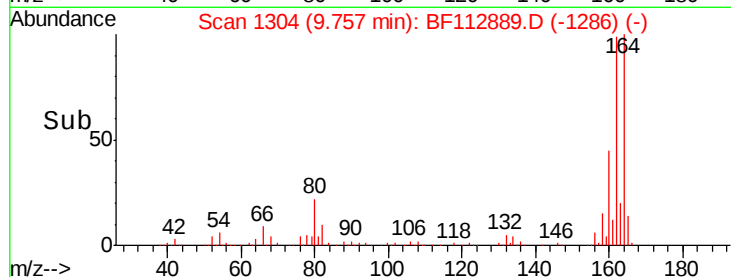


Abundance Ion 165.00 (164.70 to 165.70): E

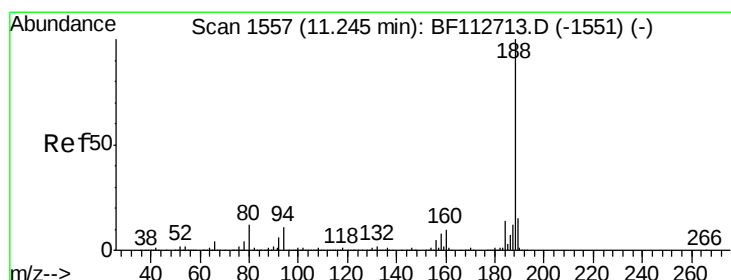
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112889.D

Acq: 6 Mar 2019 18:40

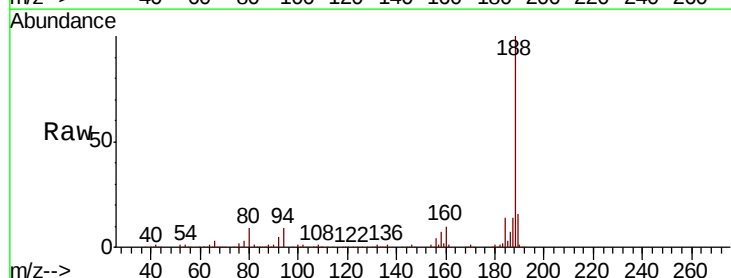
Tgt Ion:188 Resp: 554803

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

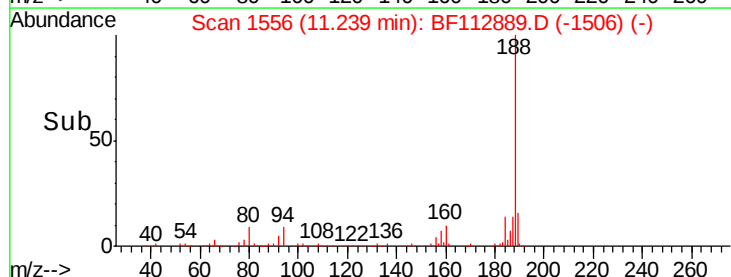
80 9.2 9.2 13.8#



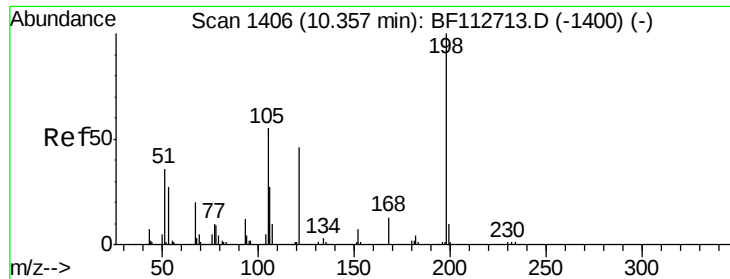
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 4.847 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF112889.D

Acq: 6 Mar 2019 18:40

Instrument :

BNA_F

ClientSampleId :

Z-2-7

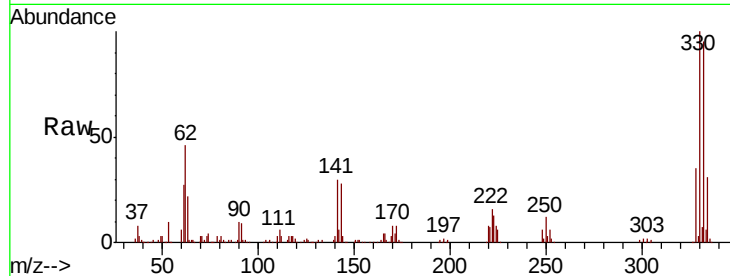
Tgt Ion:198 Resp: 591

Ion Ratio Lower Upper

198 100

51 218.3 43.8 83.8#

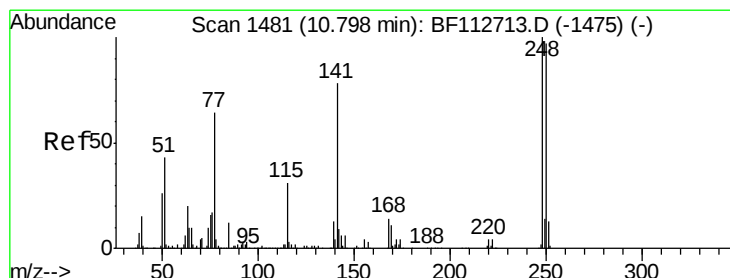
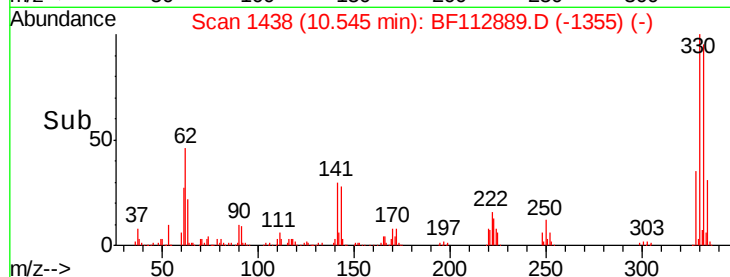
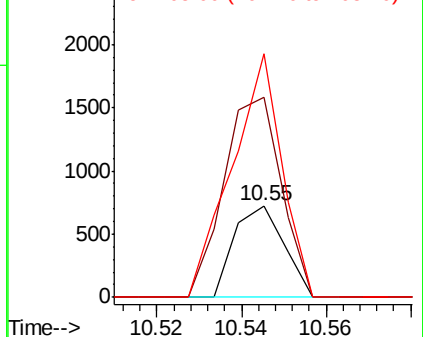
105 265.8 36.5 76.5#



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: 4.316 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.25 min

Lab File: BF112889.D

Acq: 6 Mar 2019 18:40

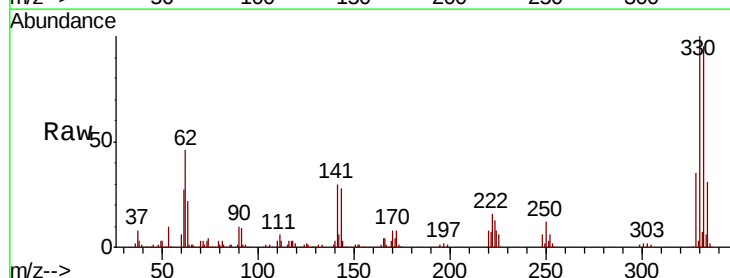
Tgt Ion:248 Resp: 25224

Ion Ratio Lower Upper

248 100

250 195.0 77.5 116.3#

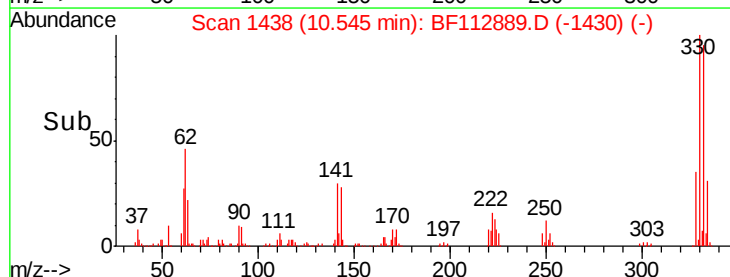
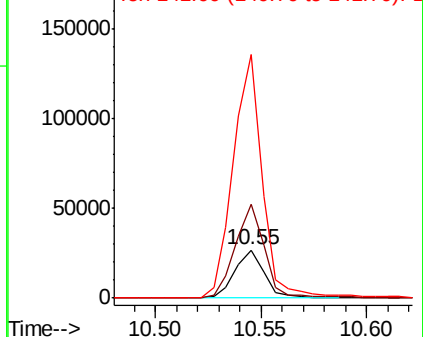
141 508.1 62.4 93.6#

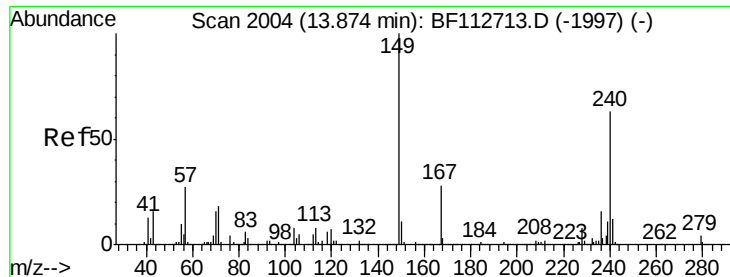


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

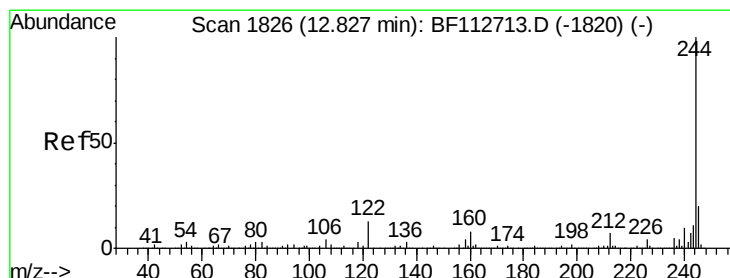
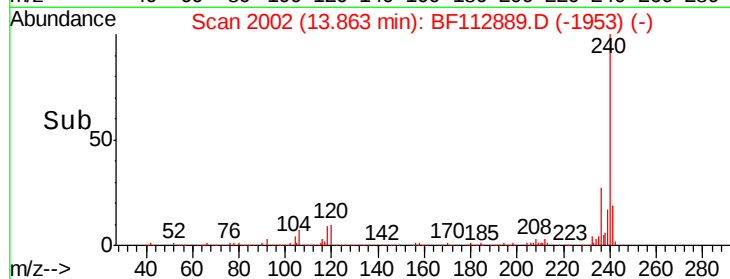
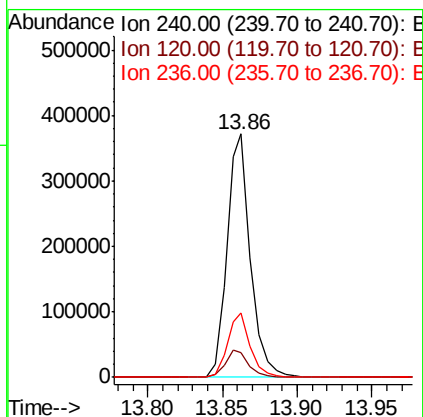
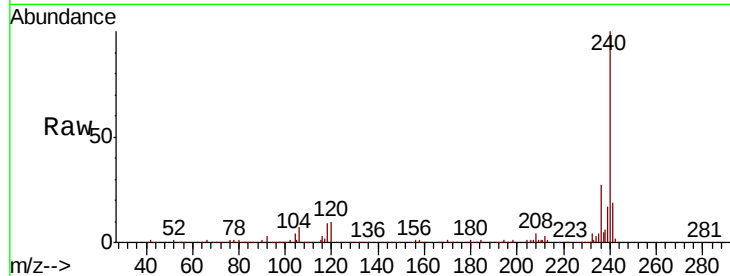




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

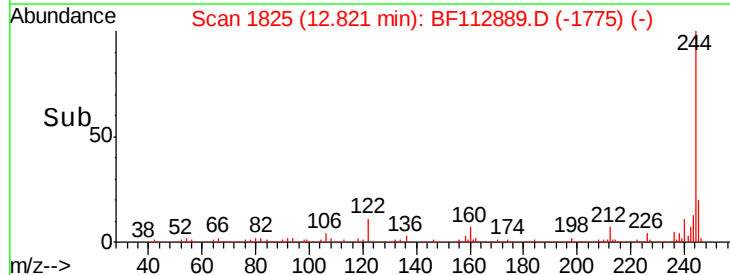
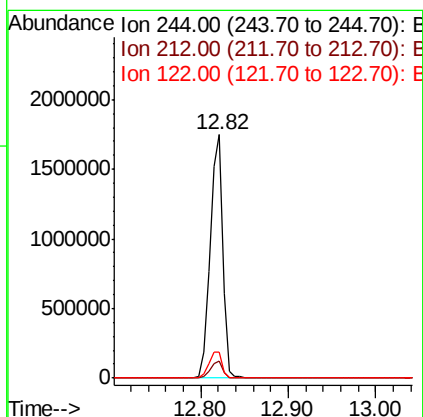
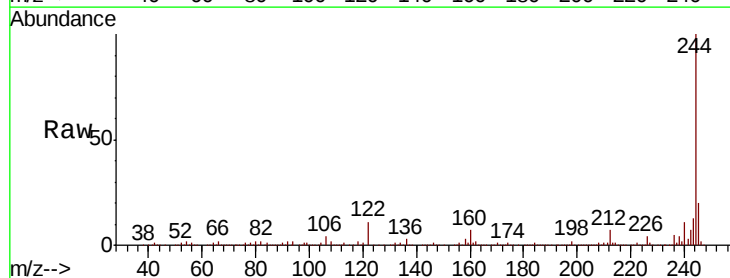
Instrument :
BNA_F
ClientSampleId :
Z-2-7

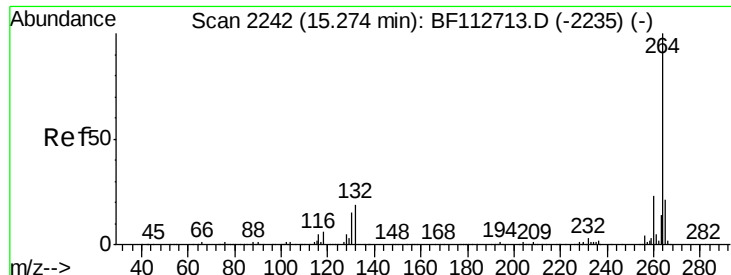
Tgt Ion:240 Resp: 409857
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.7 20.7 31.1



#79
Terphenyl-d14
Concen: 82.486 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion:244 Resp: 1744002
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.8 10.5 15.7



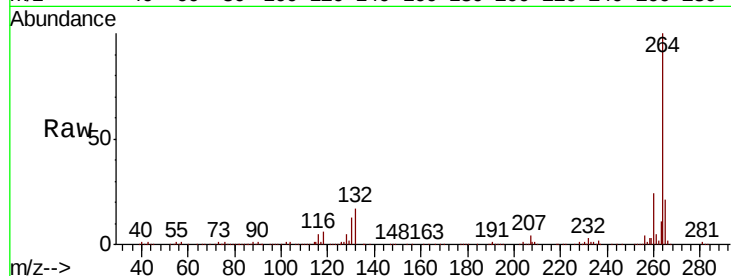


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion: 264 Resp: 361373

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.4	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

