

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112872.D
 Acq On : 6 Mar 2019 00:35
 Operator : JU/SJ
 Sample : K1714-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-C-5-8

Quant Time: Mar 06 01:47:26 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	6.74	152	164919	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	606549	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	257001	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	458504	20.00	ng	0.00
76) Chrysene-d12	13.87	240	451867	20.00	ng	0.00
87) Perylene-d12	15.29	264	321813	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1068995	100.83	ng	0.00
7) Phenol-d6	6.38	99	1386069	104.08	ng	0.01
23) Nitrobenzene-d5	7.30	82	838847	82.75	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	343408	125.86	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1449229	97.04	ng	0.00
79) Terphenyl-d14	12.83	244	1393431	59.78	ng	0.00

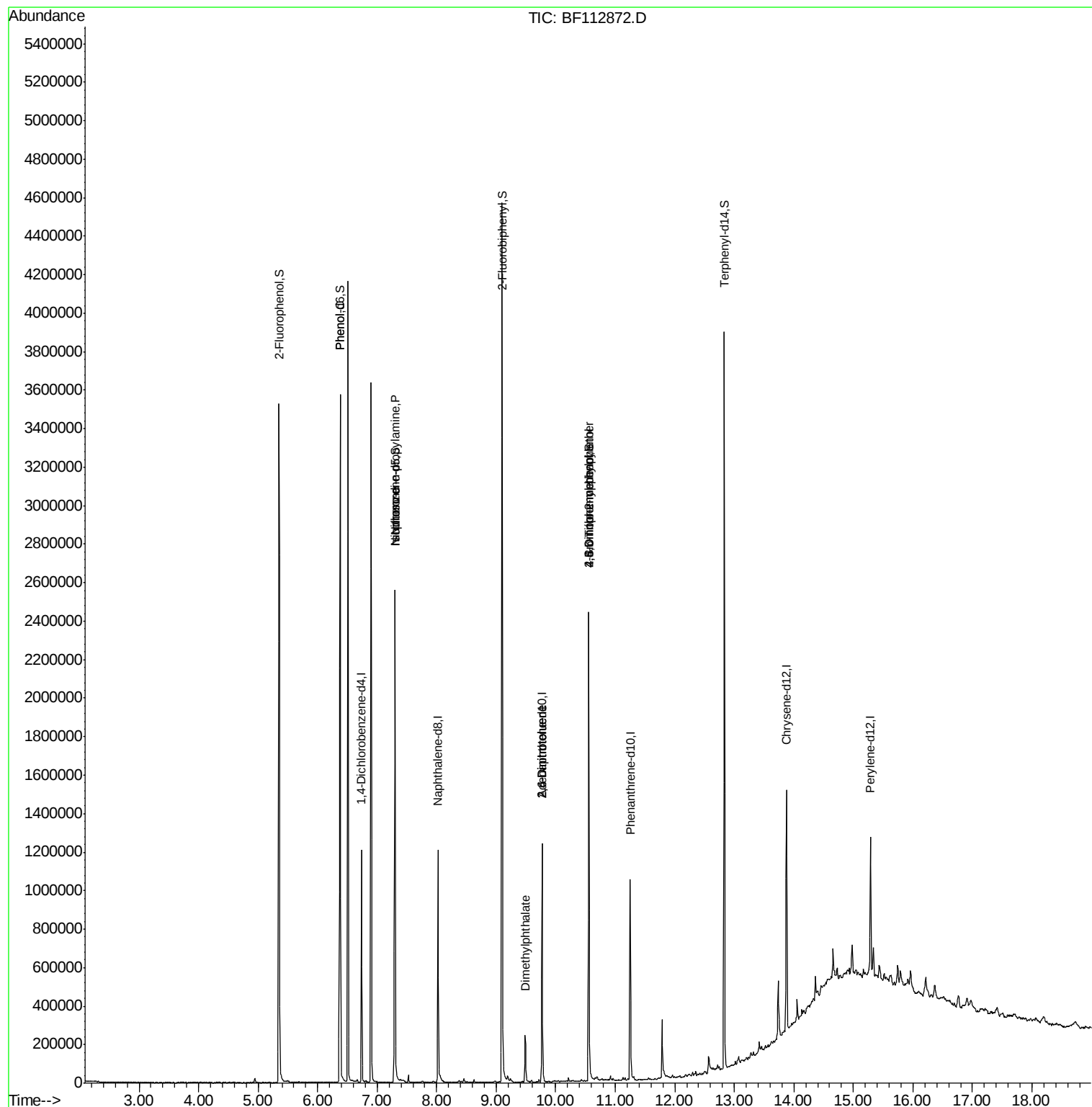
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	83141	5.350	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	111687	13.241	ng	# 78
25) Isophorone	7.30	82	813941	37.272	ng	# 66
50) Dimethylphthalate	9.49	163	105821	5.584	ng	98
51) 2,6-Dinitrotoluene	9.77	165	33014	8.366	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	33014	6.730	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.56	198	461	4.834	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	19514	4.041	ng	# 1

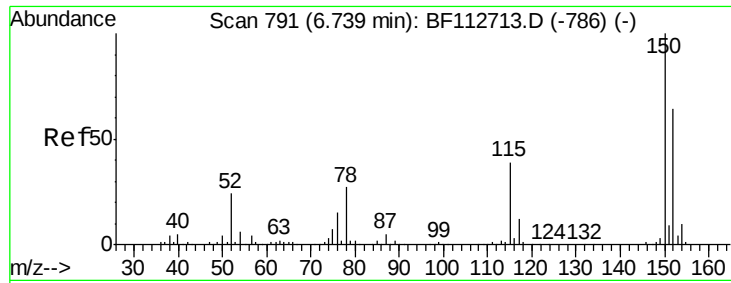
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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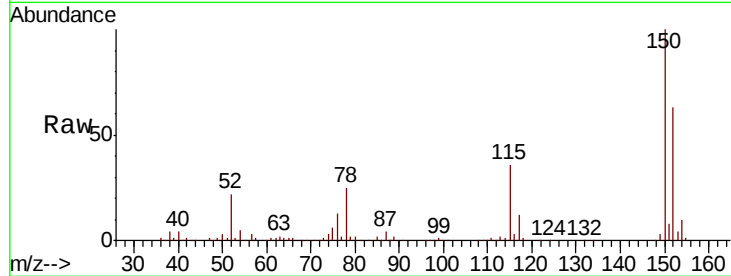


#1

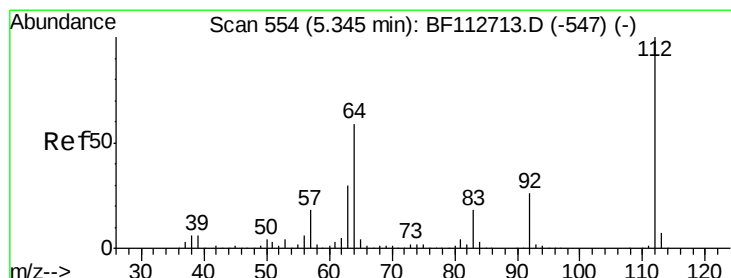
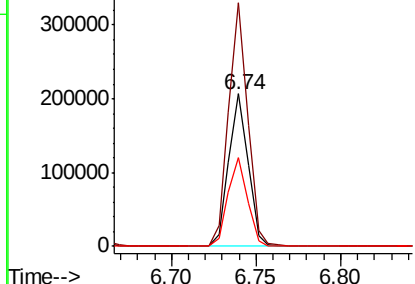
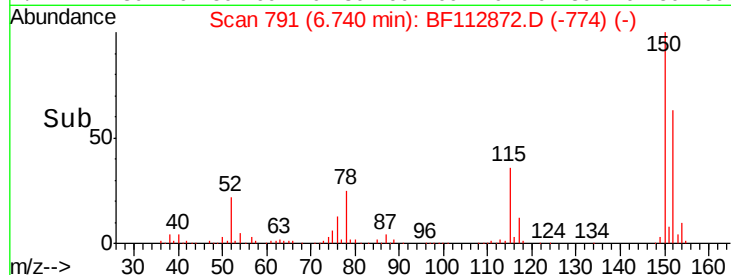
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SB-C-5-8

Tgt Ion:152 Resp: 164919
Ion Ratio Lower Upper
152 100
150 159.9 124.2 186.2
115 58.2 48.2 72.4



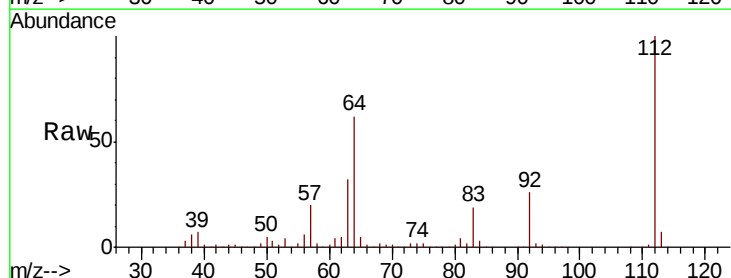
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



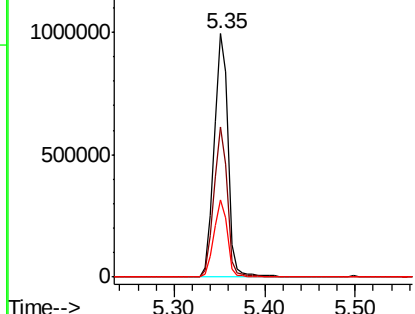
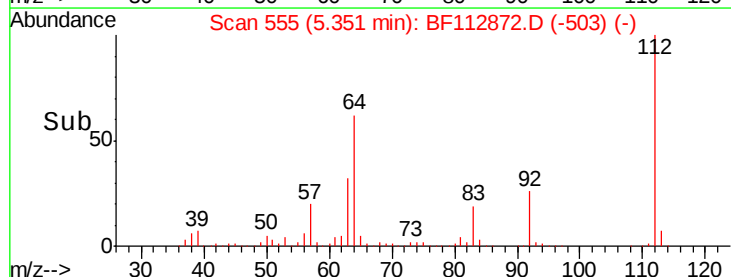
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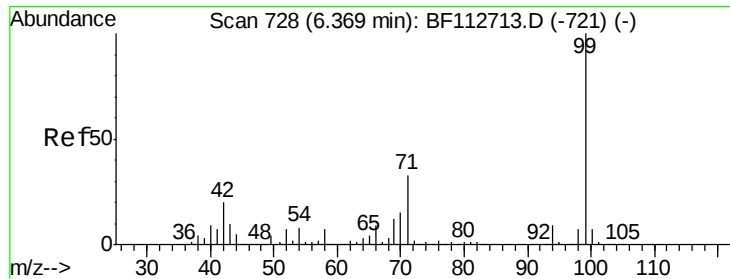
2-Fluorophenol
Concen: 100.829 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:112 Resp: 1068995
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 31.9 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: 104.076 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SB-C-5-8

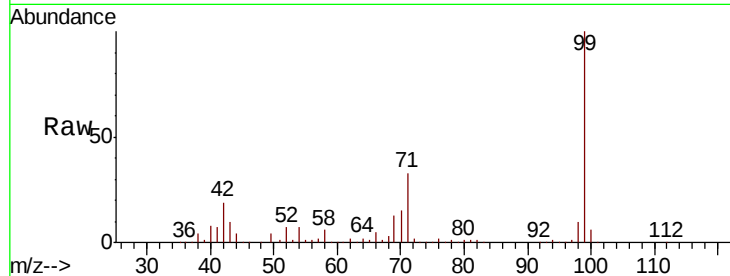
Tgt Ion: 99 Resp: 1386069

Ion Ratio Lower Upper

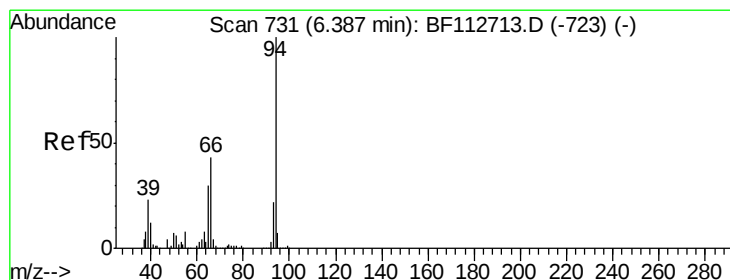
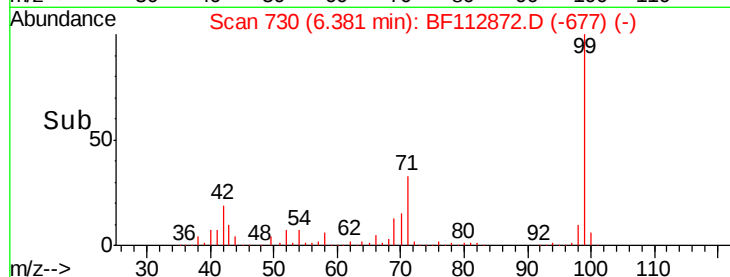
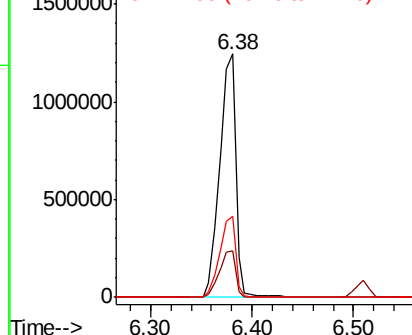
99 100

42 19.0 16.3 24.5

71 33.3 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



#10

Phenol

Concen: 5.350 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

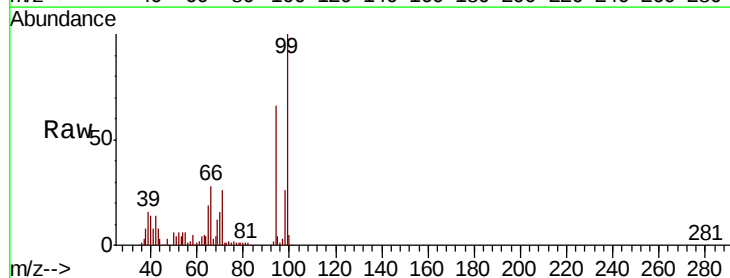
Tgt Ion: 94 Resp: 83141

Ion Ratio Lower Upper

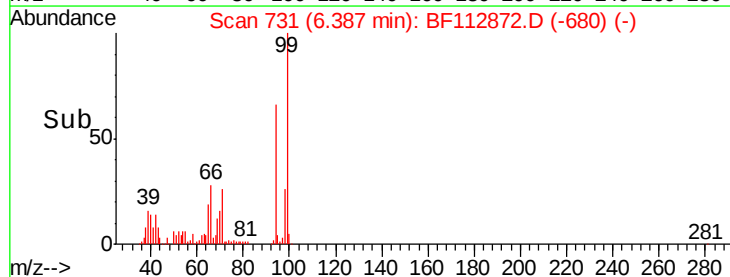
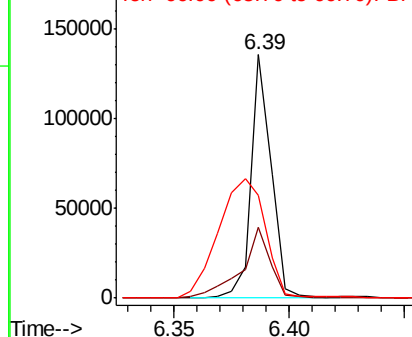
94 100

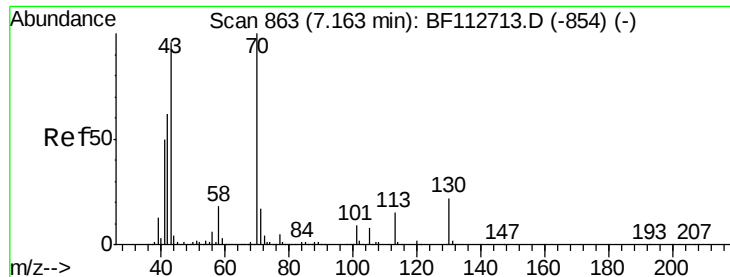
65 29.2 10.5 50.5

66 42.4 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

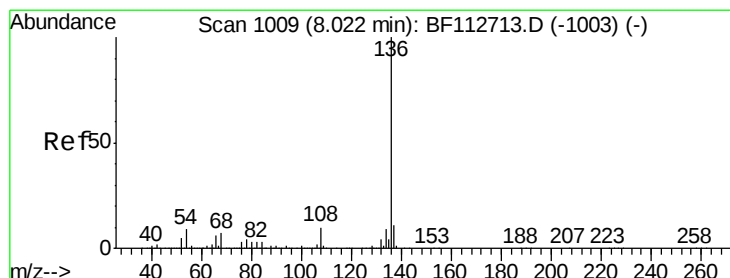
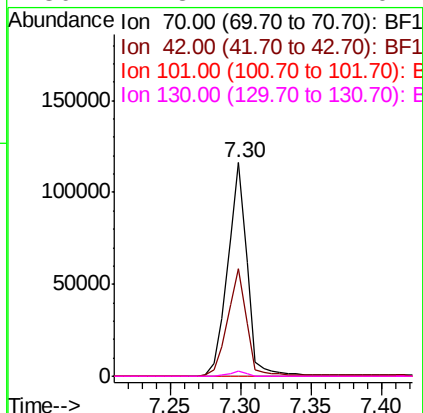
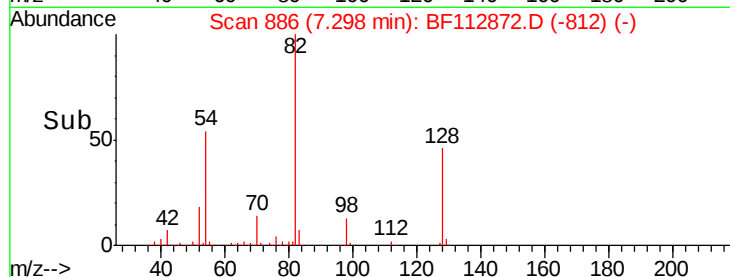
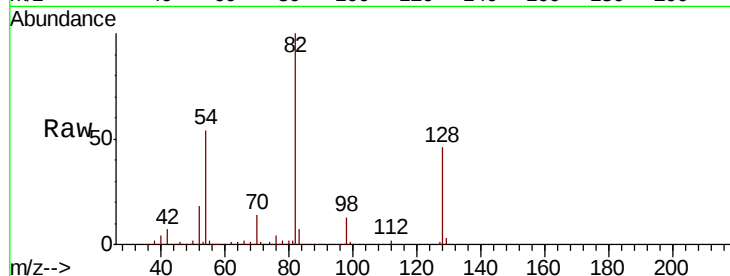




#19
n-Nitroso-di-n-propylamine
Concen: 13.241 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

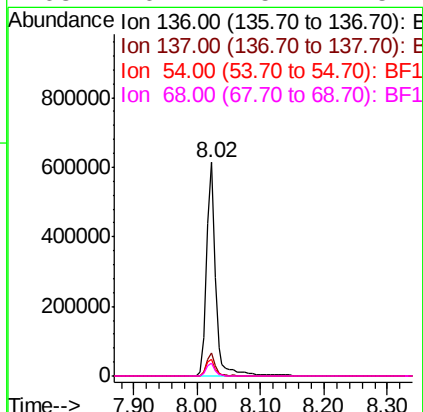
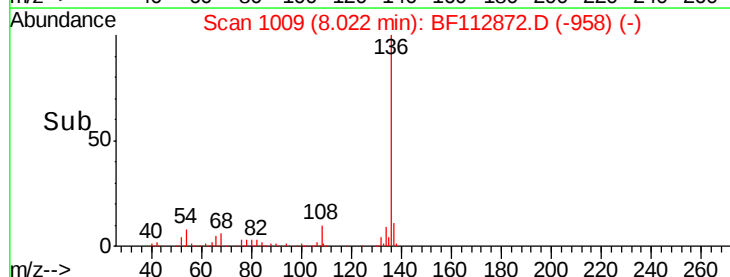
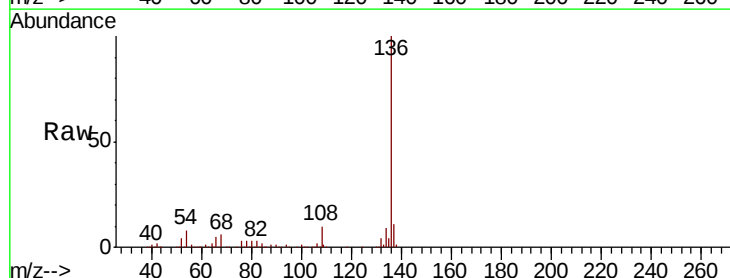
Instrument :
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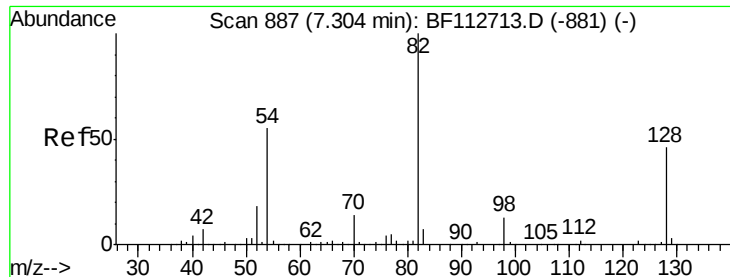
Tgt Ion: 70 Resp: 111687
Ion Ratio Lower Upper
70 100
42 50.5 49.9 74.9
101 0.0 7.4 11.2#
130 2.3 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion: 136 Resp: 606549
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 7.3 10.9
68 6.1 5.4 8.2

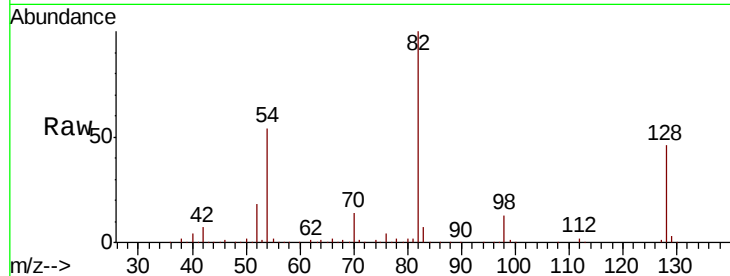




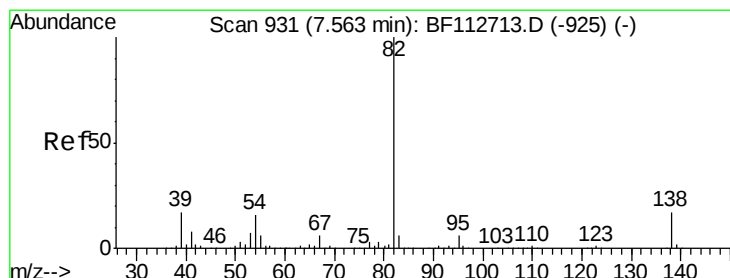
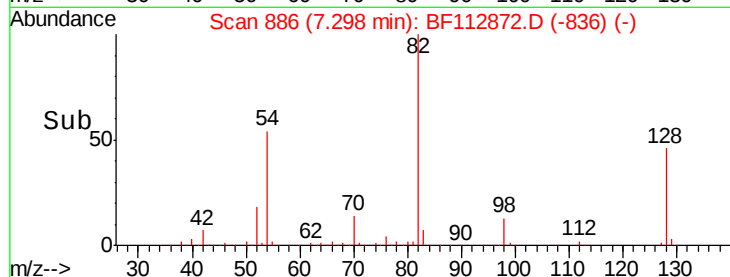
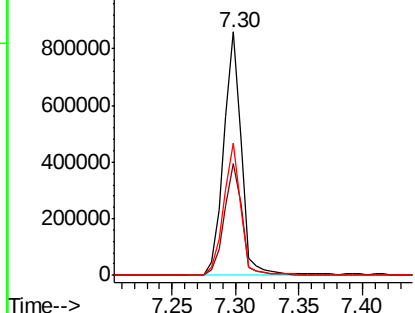
#23
Nitrobenzene-d5
Concen: 82.755 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Instrument :
BNA_F
ClientSampleID :
SB-C-5-8

Tgt Ion: 82 Resp: 838847
Ion Ratio Lower Upper
82 100
128 45.9 36.3 54.5
54 54.4 43.7 65.5

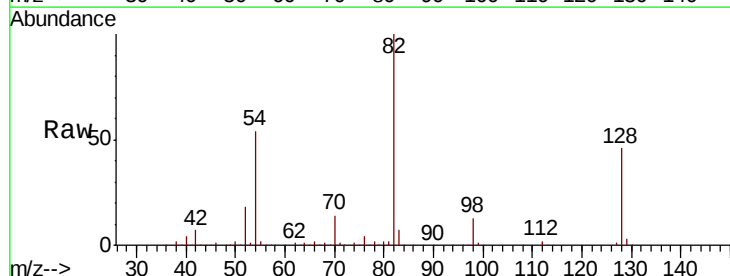


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

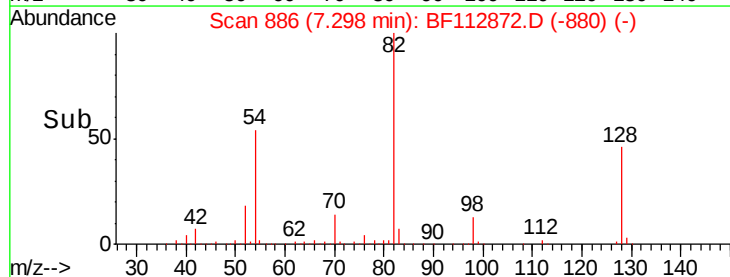
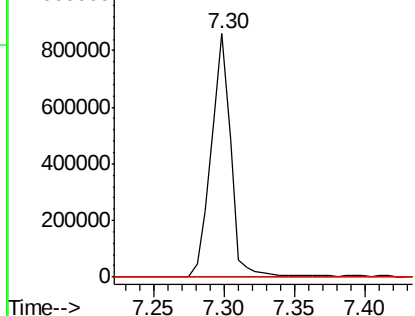


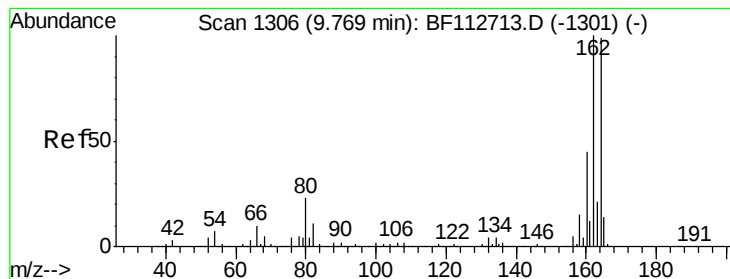
#25
Isophorone
Concen: 37.272 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion: 82 Resp: 813941
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: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SB-C-5-8

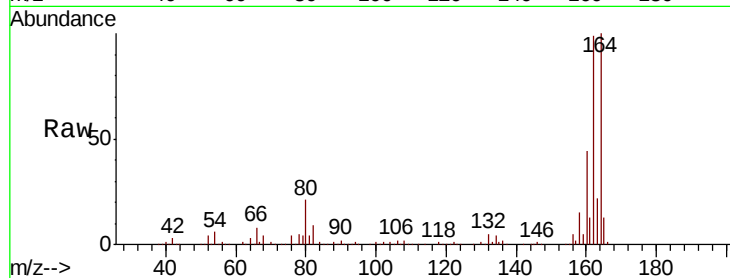
Tgt Ion:164 Resp: 257001

Ion Ratio Lower Upper

164 100

162 98.9 80.6 120.8

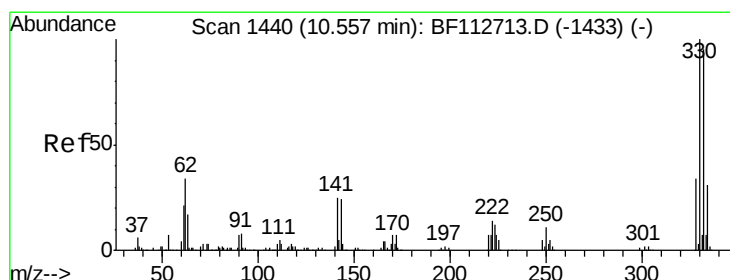
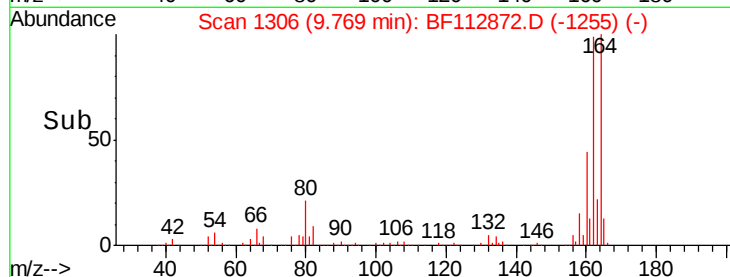
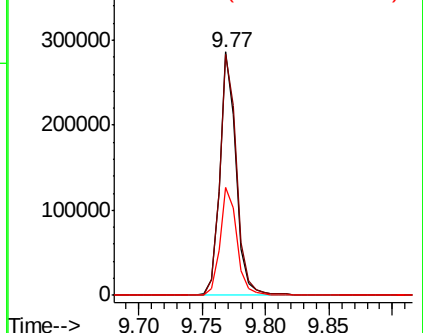
160 44.2 36.0 54.0



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: 125.865 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

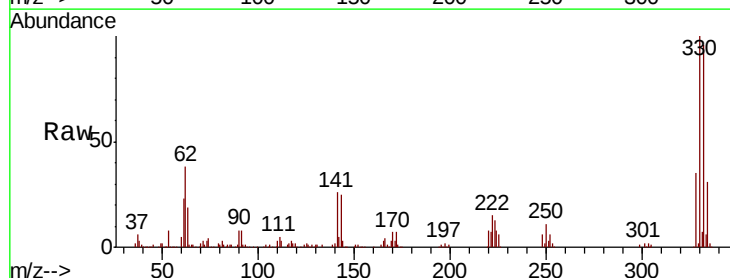
Tgt Ion:330 Resp: 343408

Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

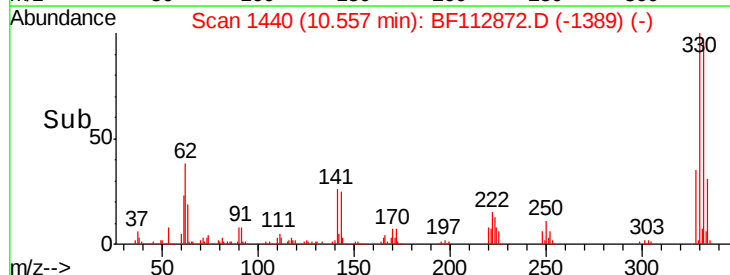
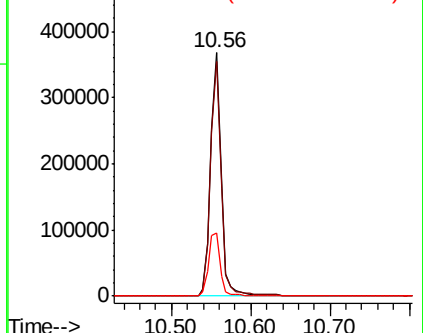
141 29.0 27.0 40.6

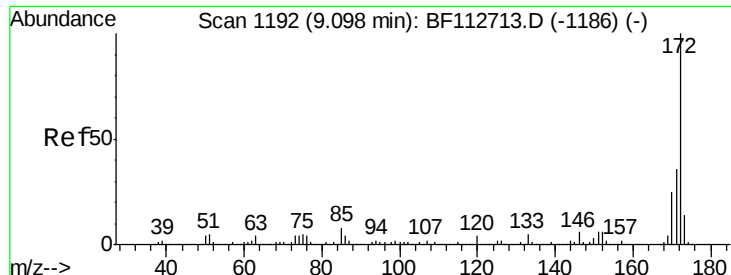


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

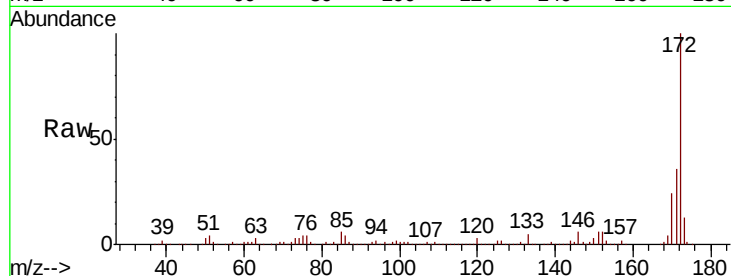




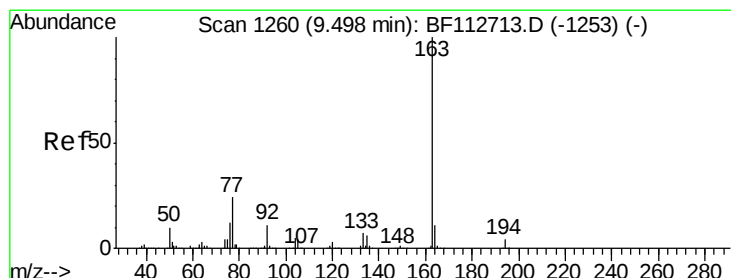
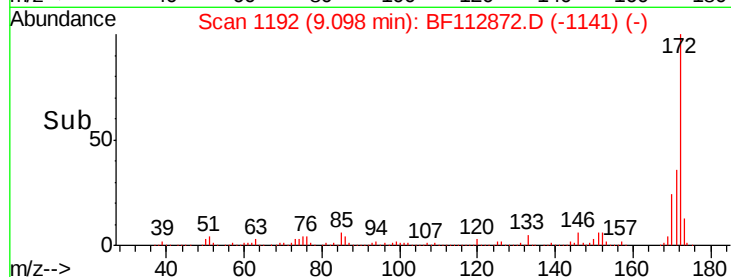
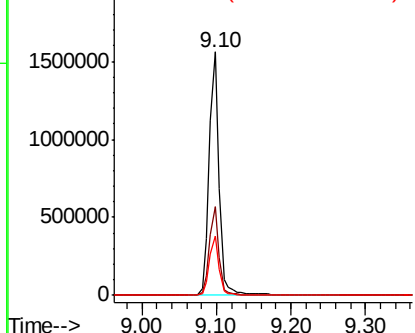
#45
 2-Fluorobiphenyl
 Concen: 97.037 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112872.D
 Acq: 6 Mar 2019 00:35

Instrument :
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Tgt Ion:172 Resp: 1449229
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.4 20.0 30.0

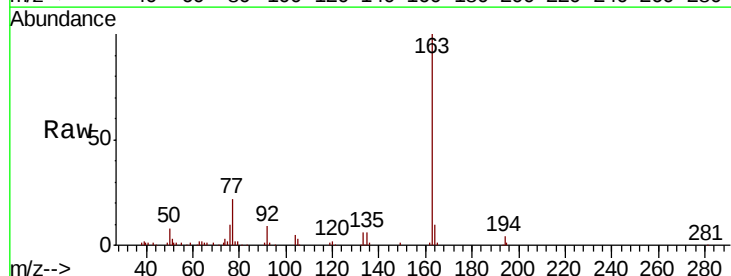


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

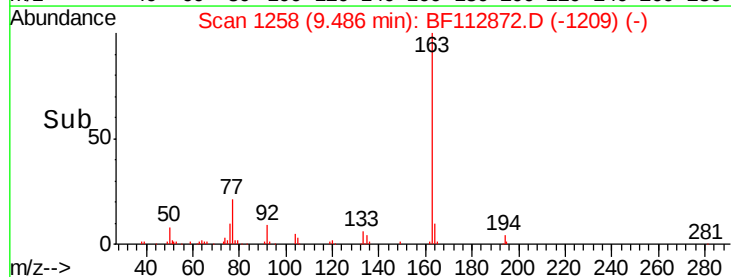
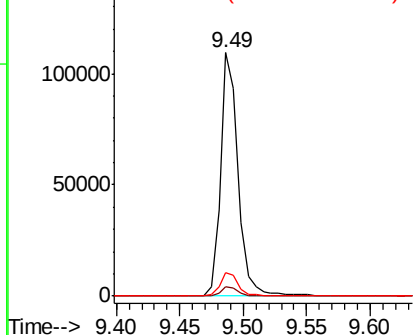


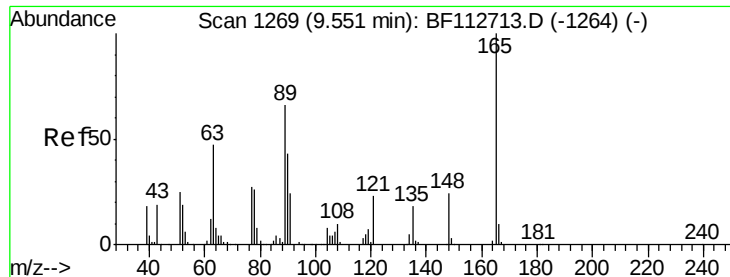
#50
 Dimethylphthalate
 Concen: 5.584 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF112872.D
 Acq: 6 Mar 2019 00:35

Tgt Ion:163 Resp: 105821
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 9.6 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: 8.366 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.22 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SB-C-5-8

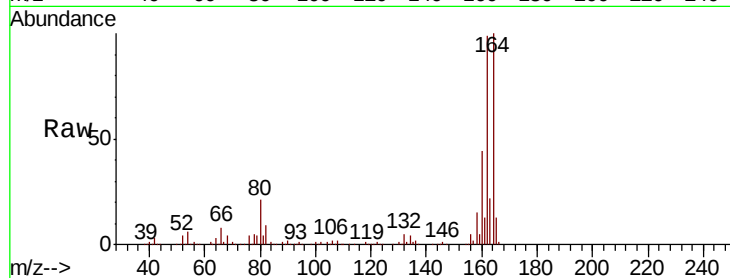
Tgt Ion:165 Resp: 33014

Ion Ratio Lower Upper

165 100

63 0.9 54.1 81.1#

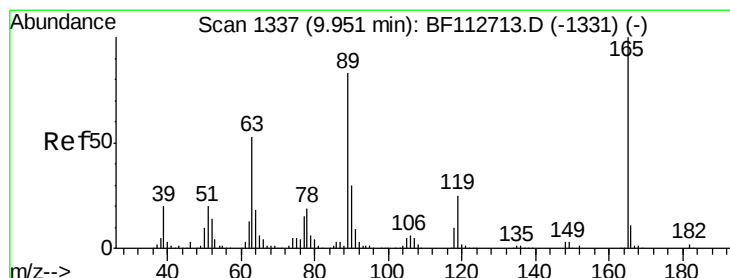
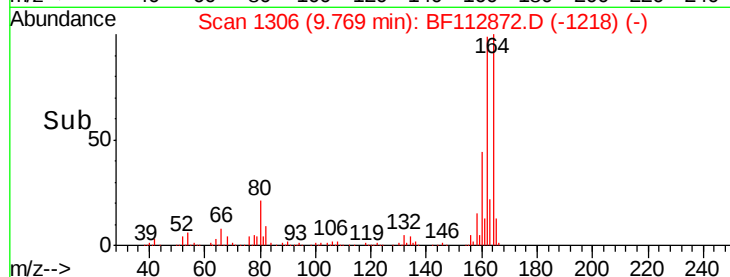
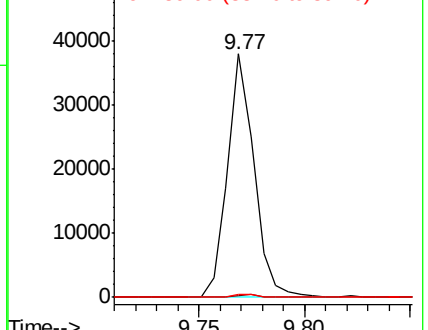
89 1.1 52.8 79.2#



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: 6.730 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.18 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

Tgt Ion:165 Resp: 33014

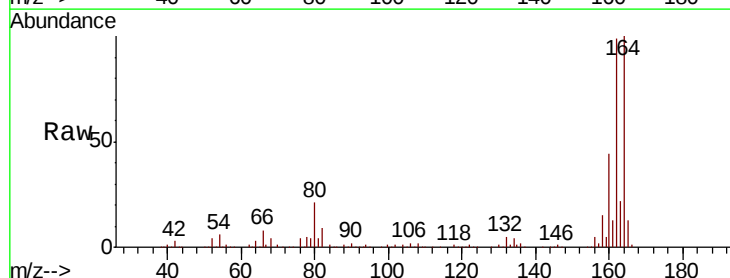
Ion Ratio Lower Upper

165 100

63 0.9 42.2 63.2#

89 1.1 66.2 99.4#

182 0.0 1.8 2.6#

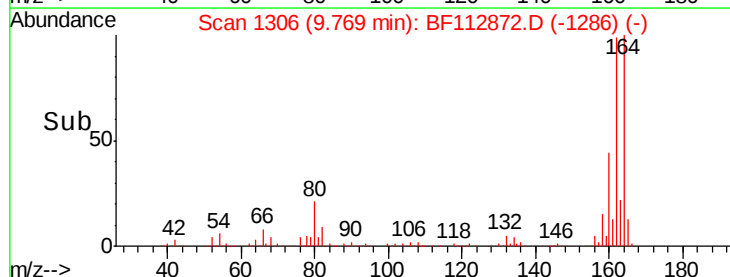
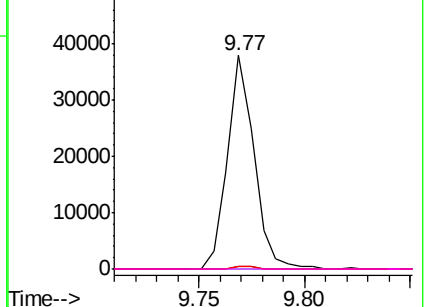


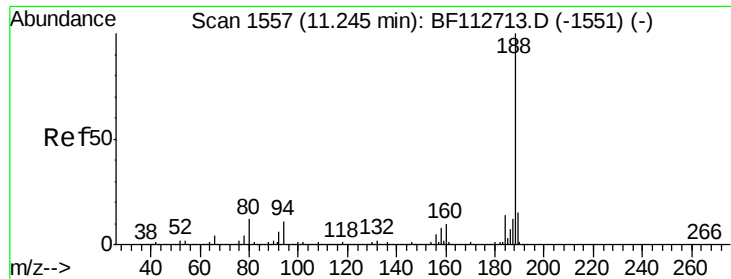
Abundance Ion 165.00 (164.70 to 165.70): E

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

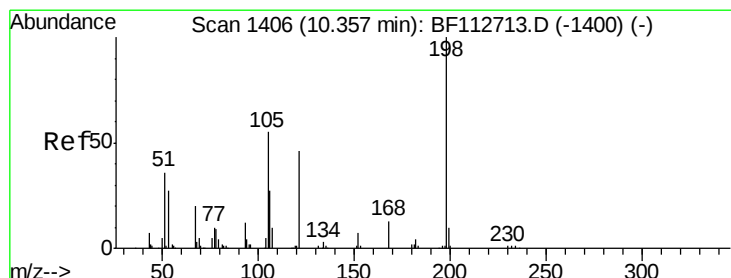
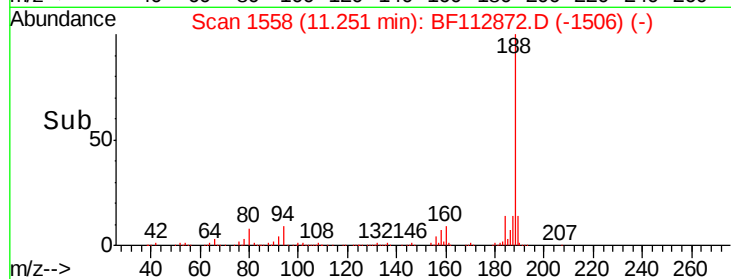
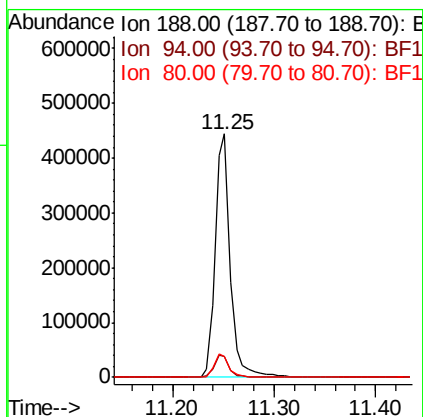
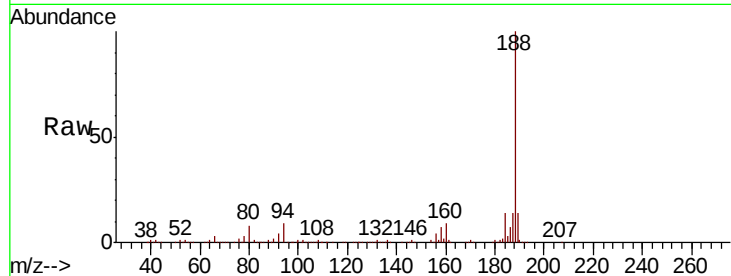




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

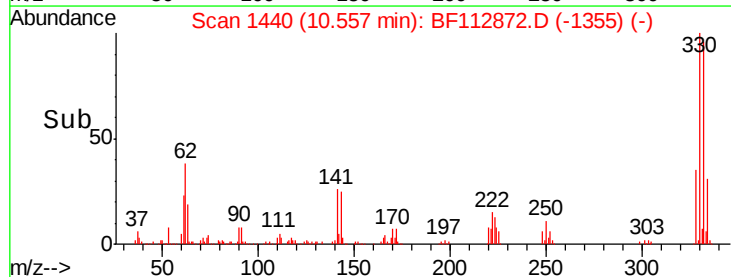
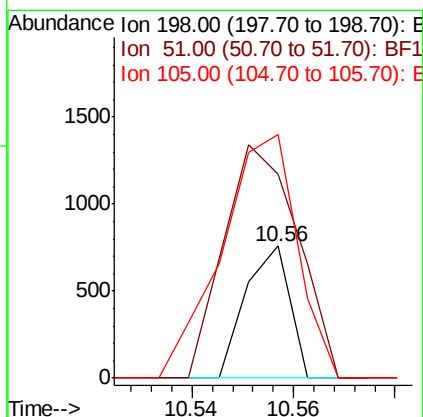
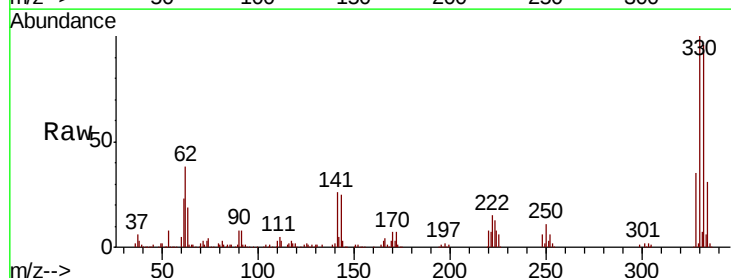
Instrument :
BNA_F
ClientSampled :
SB-C-5-8

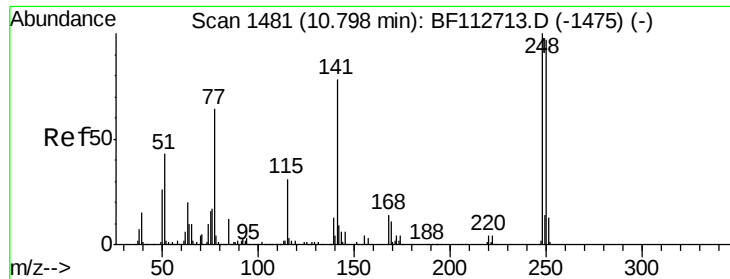
Tgt Ion:188 Resp: 458504
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 8.4 9.2 13.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.834 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112872.D
Acq: 6 Mar 2019 00:35

Tgt Ion:198 Resp: 461
Ion Ratio Lower Upper
198 100
51 155.1 43.8 83.8#
105 184.8 36.5 76.5#

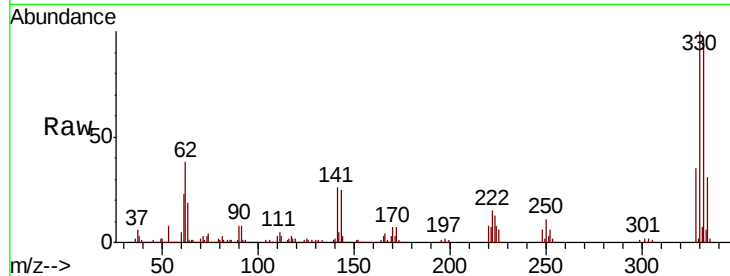




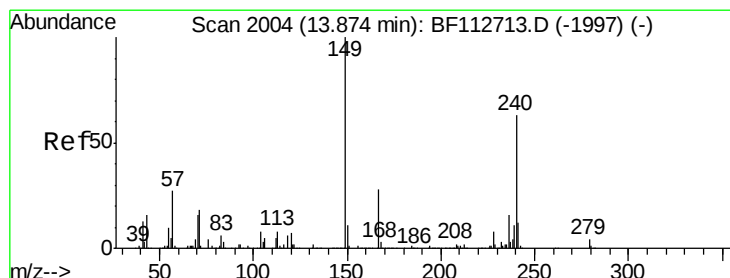
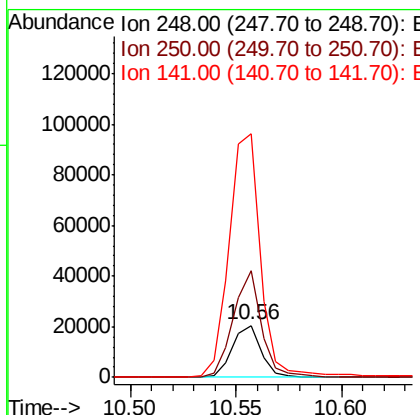
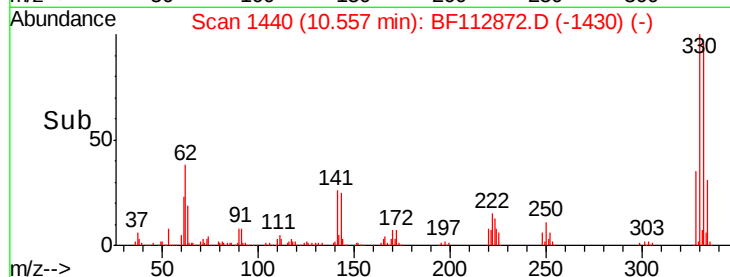
#67
 4-Bromophenyl-phenylether
 Concen: 4.041 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF112872.D
 Acq: 6 Mar 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-C-5-8

Tgt Ion:248 Resp: 19514
 Ion Ratio Lower Upper
 248 100
 250 205.7 77.5 116.3#
 141 469.3 62.4 93.6#

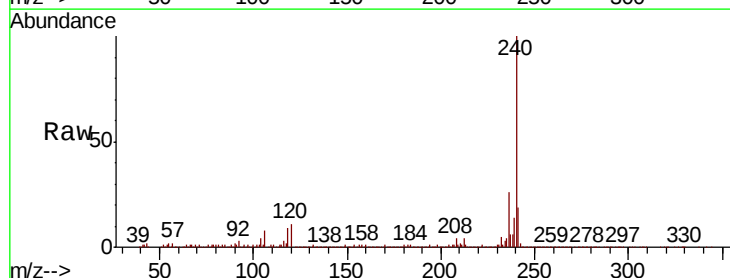


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

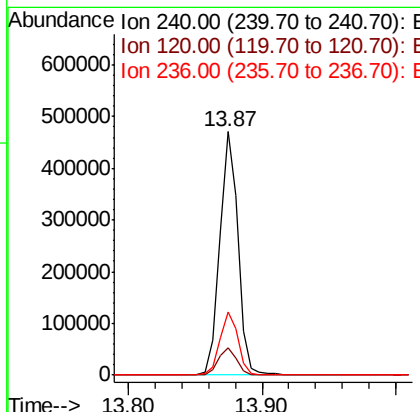
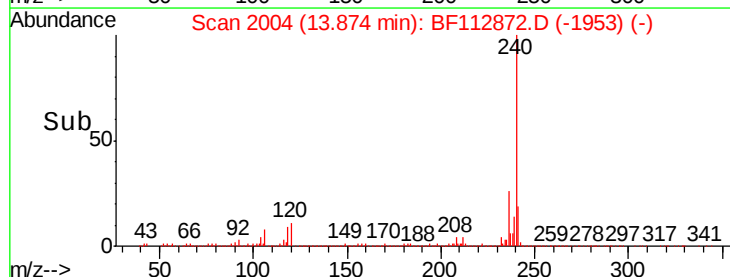


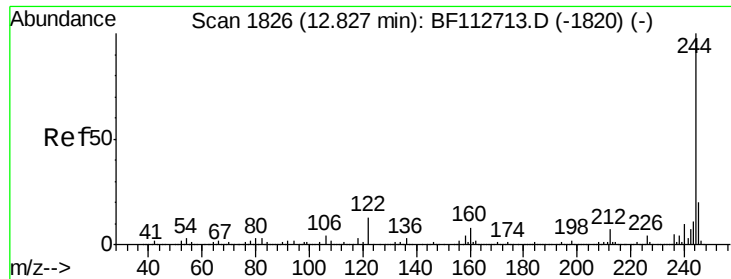
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF112872.D
 Acq: 6 Mar 2019 00:35

Tgt Ion:240 Resp: 451867
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.9 13.3
 236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.778 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SB-C-5-8

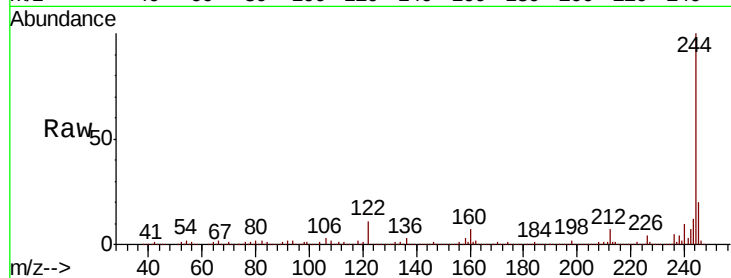
Tgt Ion:244 Resp: 1393431

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

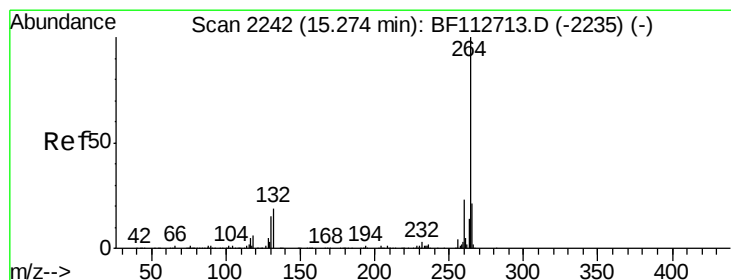
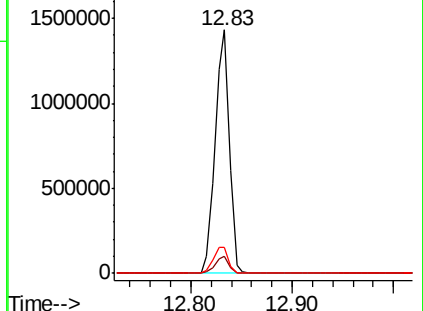
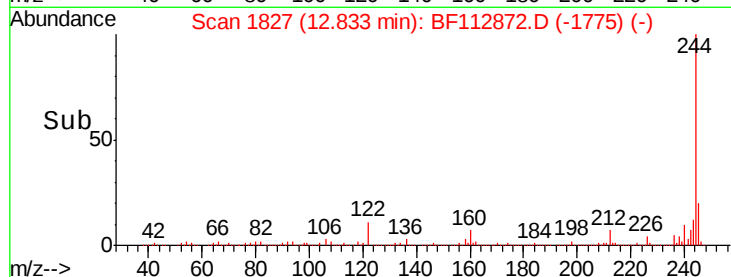
122 10.8 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF112872.D

Acq: 6 Mar 2019 00:35

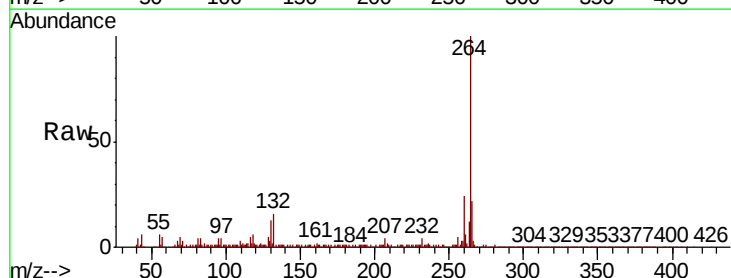
Tgt Ion:264 Resp: 321813

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.0 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

