

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112870.D
 Acq On : 5 Mar 2019 23:39
 Operator : JU/SJ
 Sample : K1714-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-A-8-11

Quant Time: Mar 06 01:47:03 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

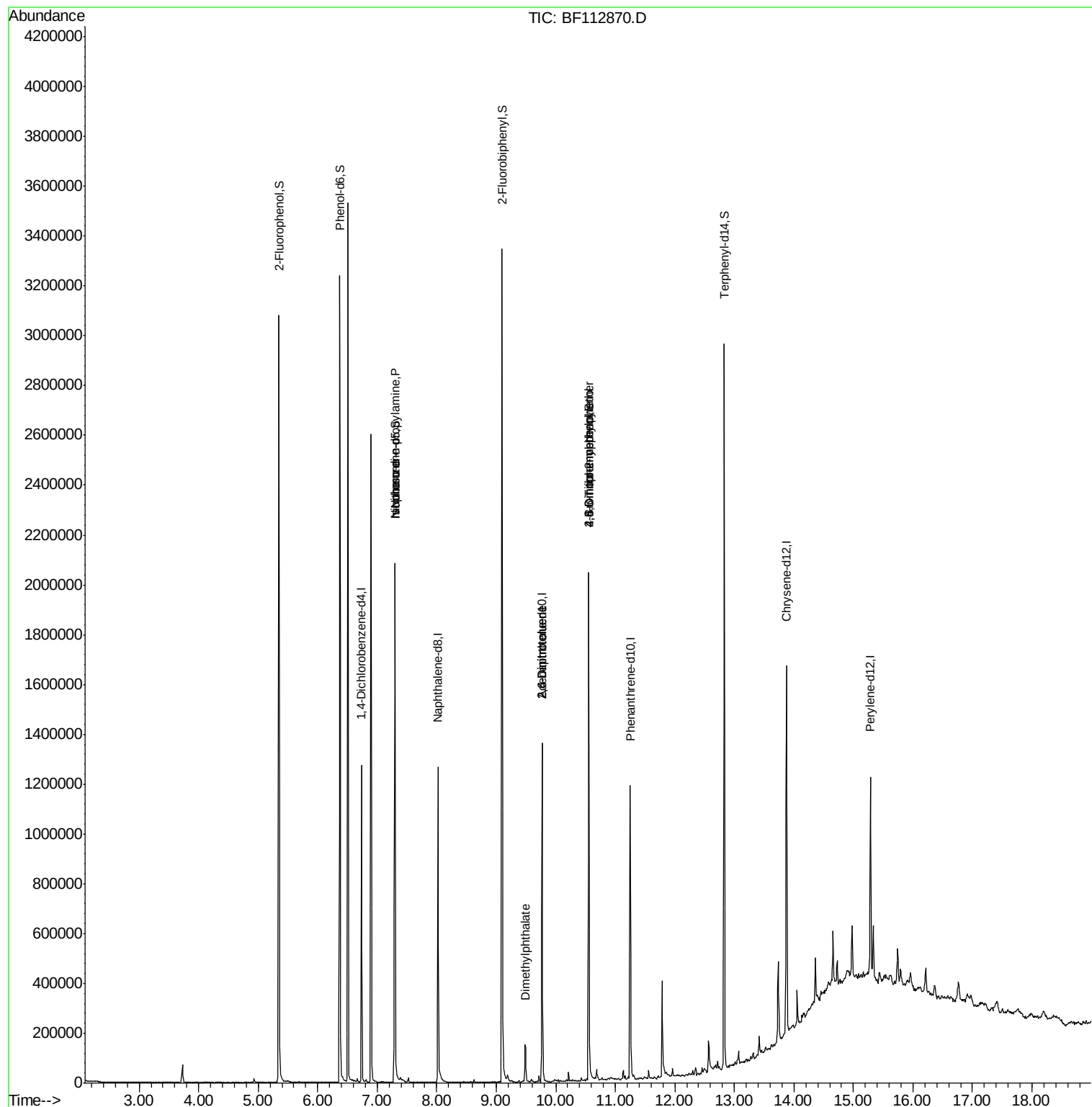
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	170995	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	639824	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	285419	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	516021	20.00	ng	0.00
76) Chrysene-d12	13.87	240	487155	20.00	ng	0.00
87) Perylene-d12	15.29	264	373418	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	863574	78.56	ng	0.00
7) Phenol-d6	6.37	99	1124839	81.46	ng	0.00
23) Nitrobenzene-d5	7.30	82	678207	63.43	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	302534	99.84	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1141767	61.65	ng	0.00
79) Terphenyl-d14	12.83	244	1097055	43.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	90392	10.336	ng	# 77
25) Isophorone	7.30	82	662687	28.768	ng	# 66
50) Dimethylphthalate	9.49	163	69828	3.318	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	36124	8.243	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	36124	6.631	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	343	4.759	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	16787	3.089	ng	# 1

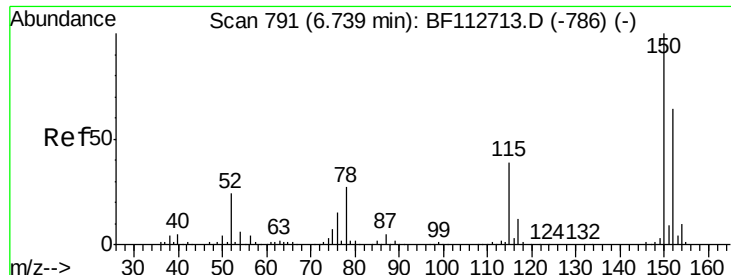
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
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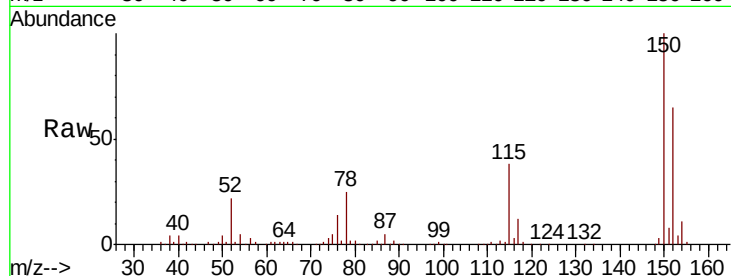


#1

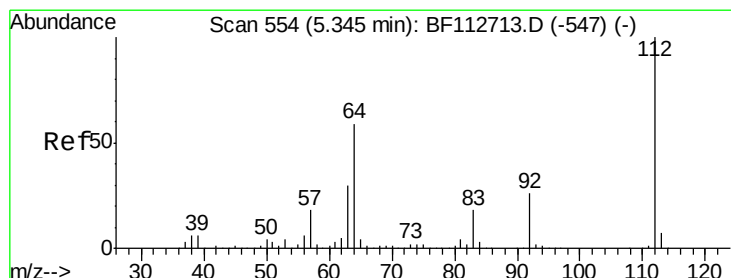
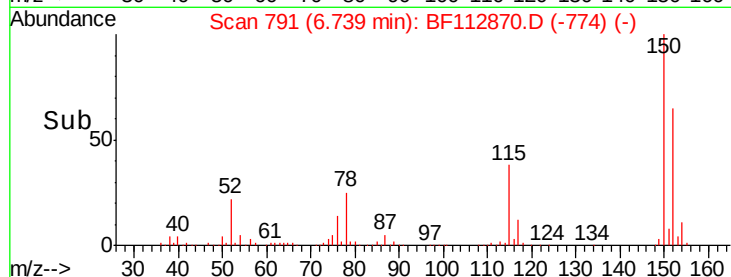
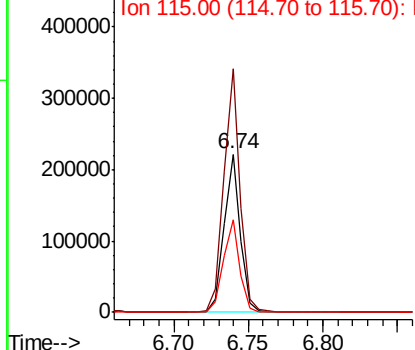
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112870.D
Acq: 5 Mar 2019 23:39

Instrument :
BNA_F
ClientSampleId :
SB-A-8-11

Tgt Ion:152 Resp: 170995
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.2
115 58.7 48.2 72.4



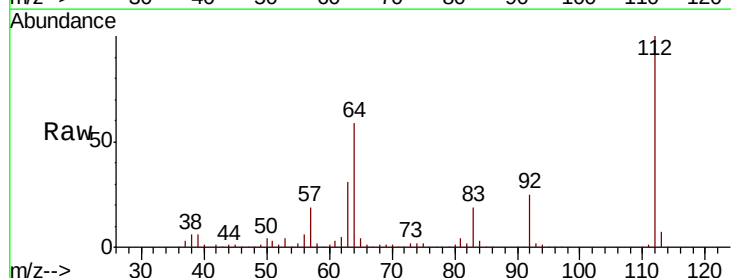
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



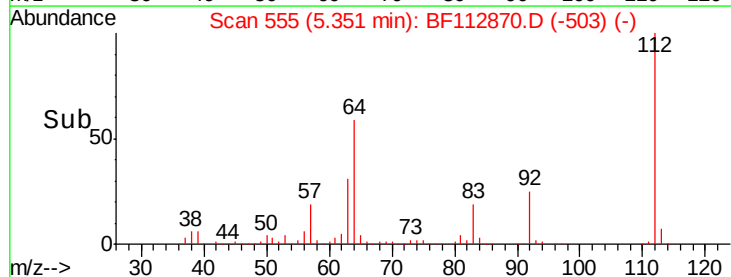
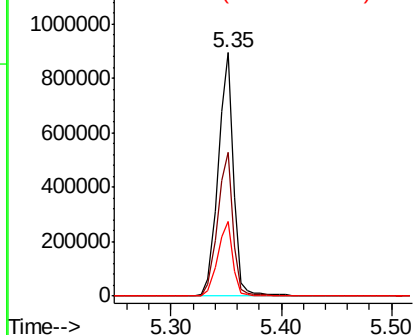
#5

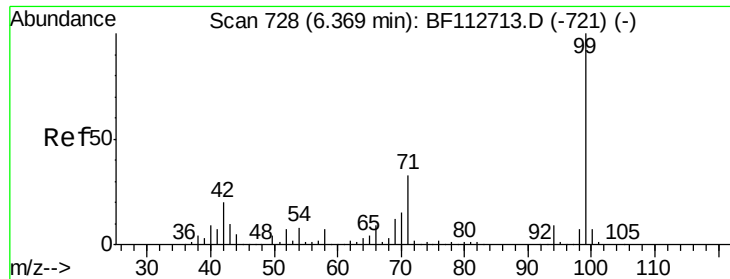
2-Fluorophenol
Concen: 78.559 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112870.D
Acq: 5 Mar 2019 23:39

Tgt Ion:112 Resp: 863574
Ion Ratio Lower Upper
112 100
64 59.1 47.6 71.4
63 30.9 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: 81.460 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112870.D

Acq: 5 Mar 2019 23:39

Instrument :

BNA_F

ClientSampleId :

SB-A-8-11

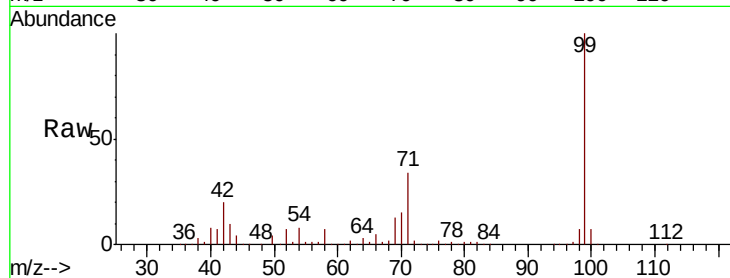
Tgt Ion: 99 Resp: 1124839

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

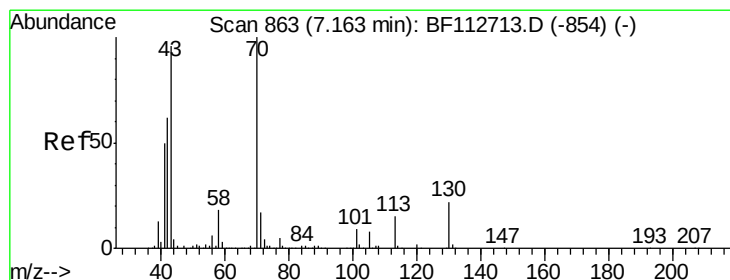
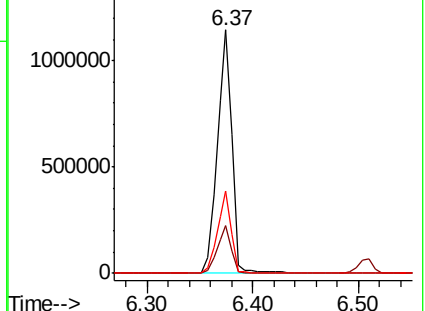
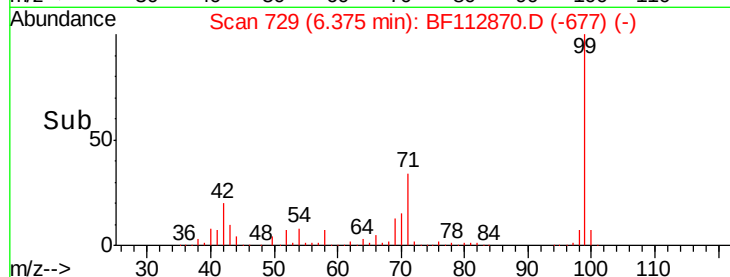
71 33.8 26.2 39.4



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: 10.336 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112870.D

Acq: 5 Mar 2019 23:39

Tgt Ion: 70 Resp: 90392

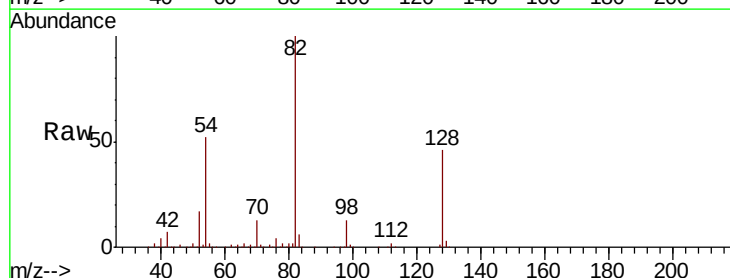
Ion Ratio Lower Upper

70 100

42 49.7 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

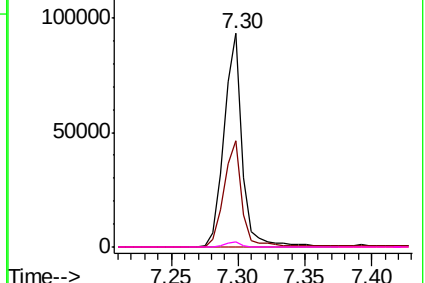
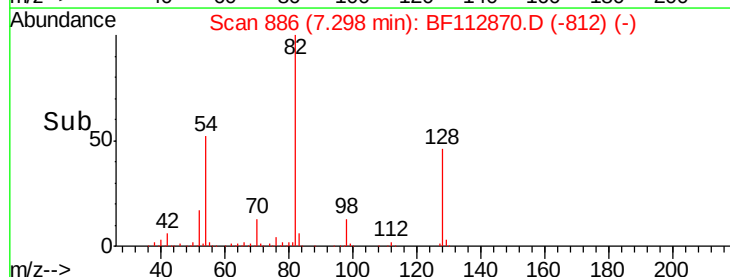


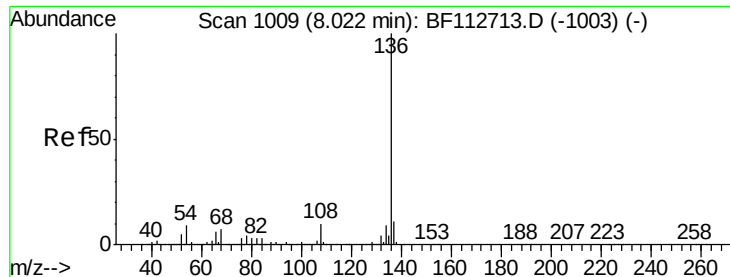
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

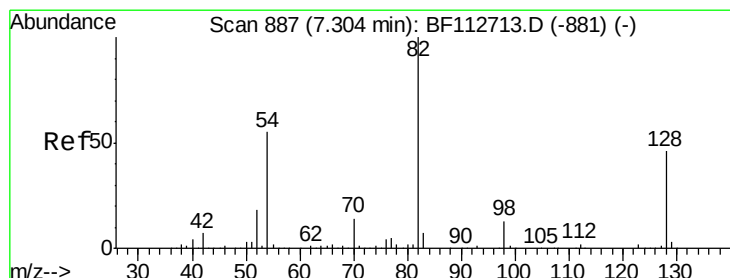
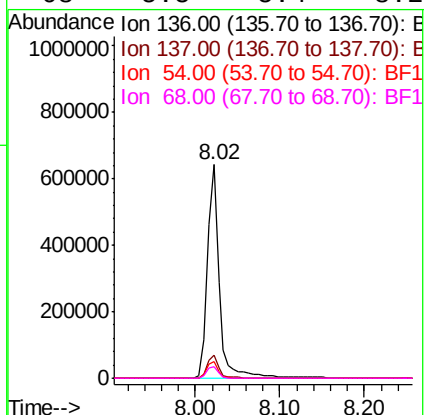
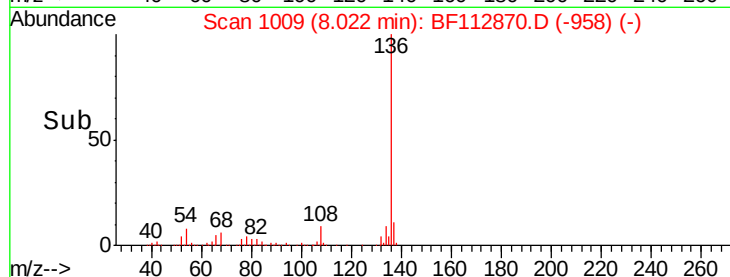
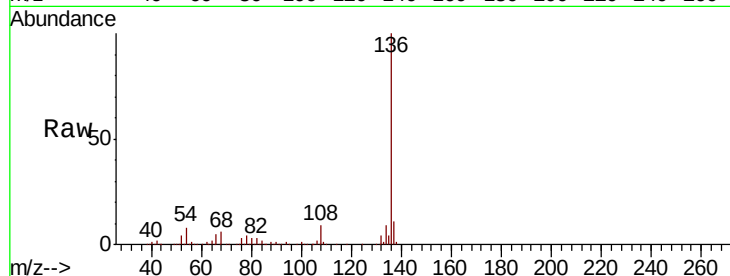




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112870.D
Acq: 5 Mar 2019 23:39

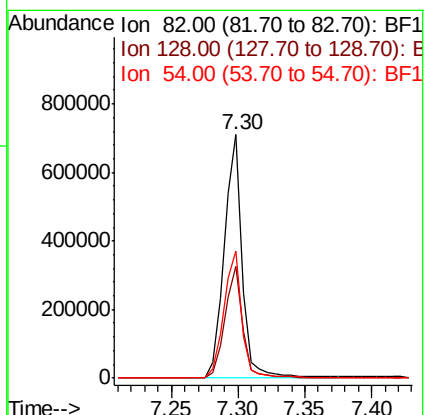
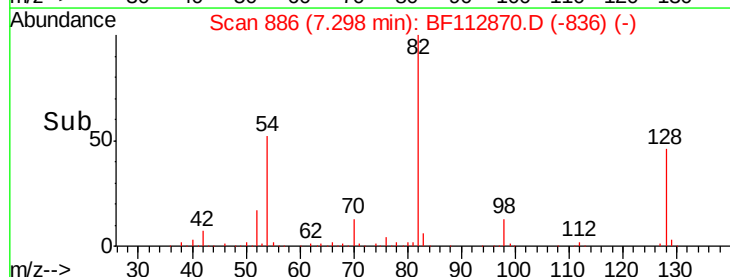
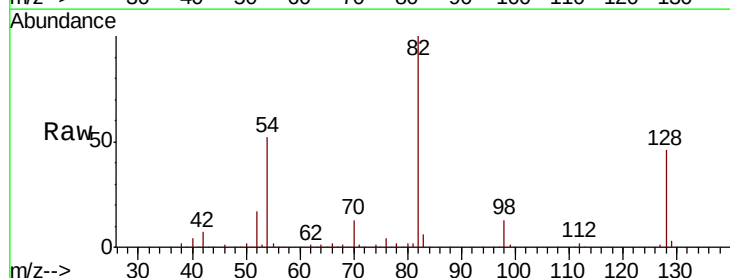
Instrument :
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SB-A-8-11

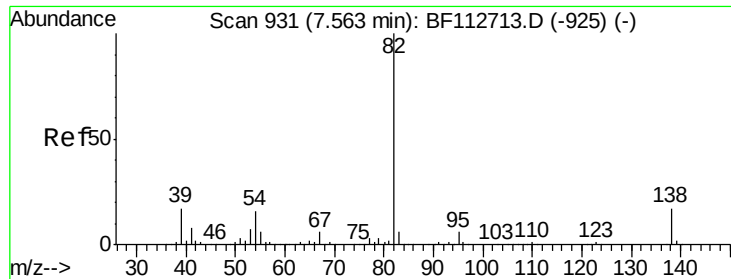
Tgt Ion:	136	Resp:	639824
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	7.3	10.9
68	5.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 63.428 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112870.D
Acq: 5 Mar 2019 23:39

Tgt Ion:	82	Resp:	678207
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	52.4	43.7	65.5





#25

Isophorone

Concen: 28.768 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112870.D

Acq: 5 Mar 2019 23:39

Instrument :

BNA_F

ClientSampleID :

SB-A-8-11

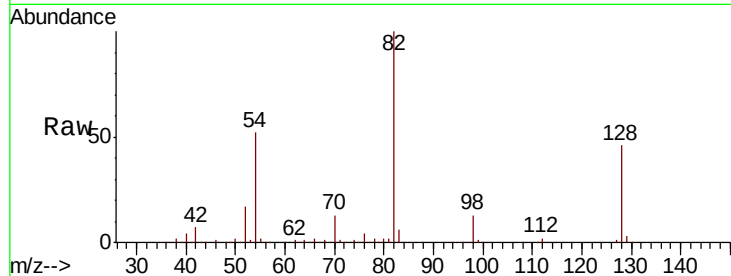
Tgt Ion: 82 Resp: 662687

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

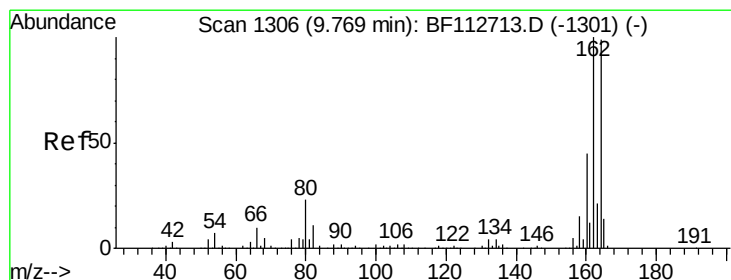
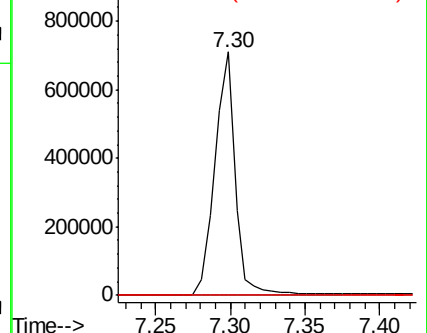
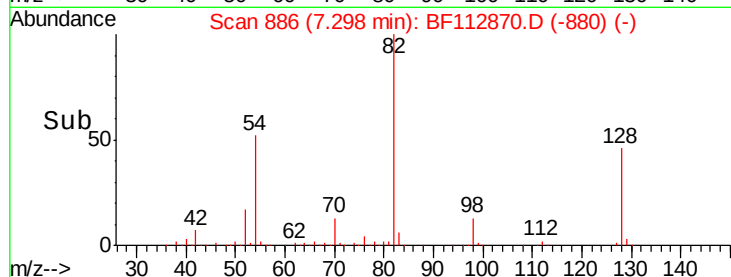
138 0.0 13.8 20.8#



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: BF112870.D

Acq: 5 Mar 2019 23:39

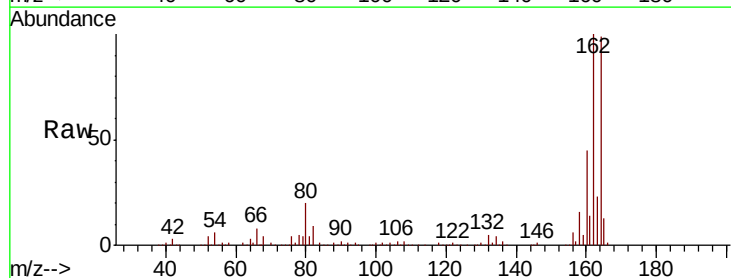
Tgt Ion: 164 Resp: 285419

Ion Ratio Lower Upper

164 100

162 100.6 80.6 120.8

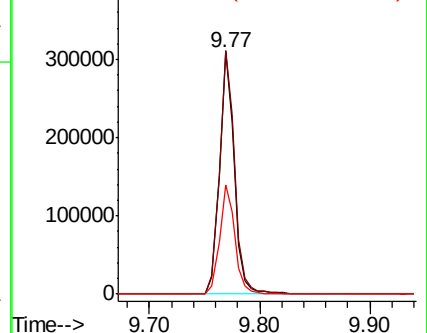
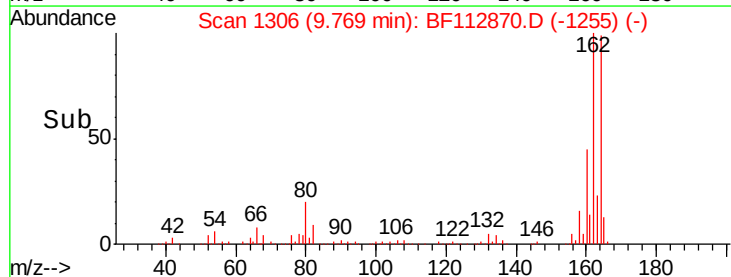
160 45.0 36.0 54.0

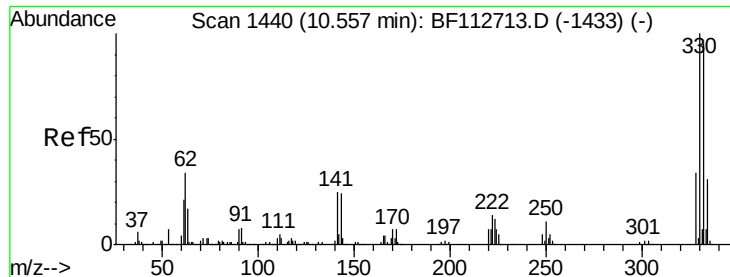


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

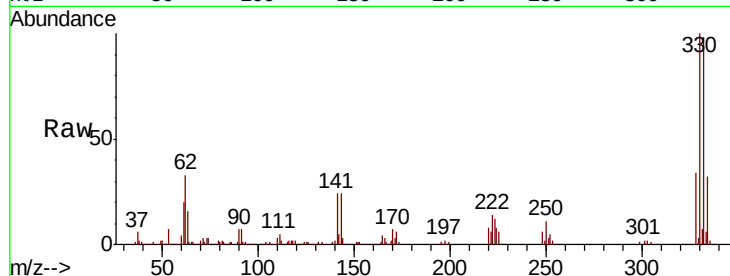




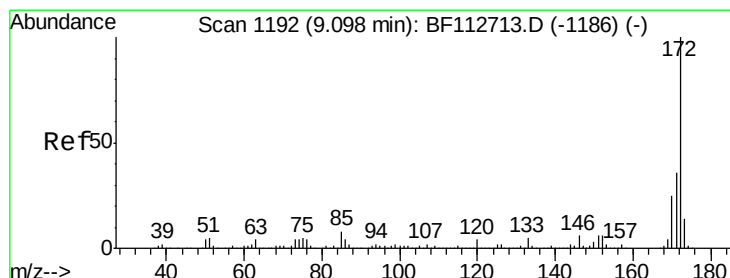
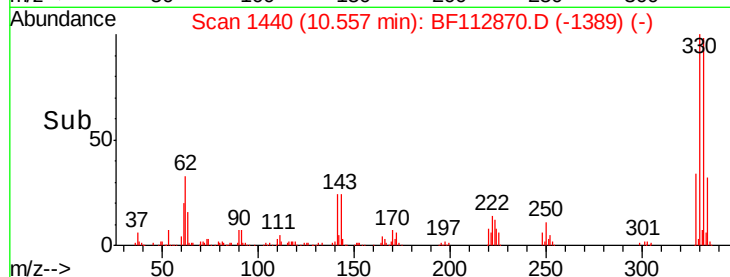
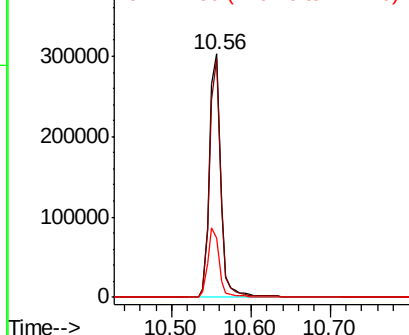
#42
 2,4,6-Tribromophenol
 Concen: 99.844 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112870.D
 Acq: 5 Mar 2019 23:39

Instrument :
 BNA_F
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 SB-A-8-11

Tgt Ion:330 Resp: 302534
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 28.7 27.0 40.6

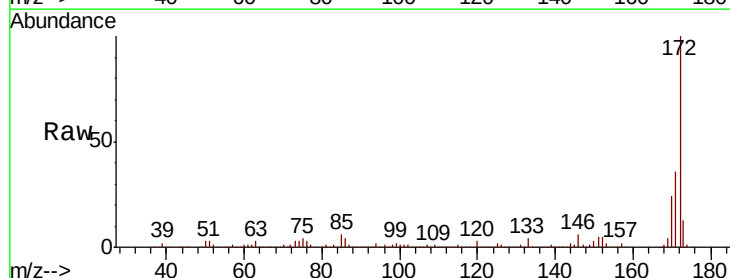


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

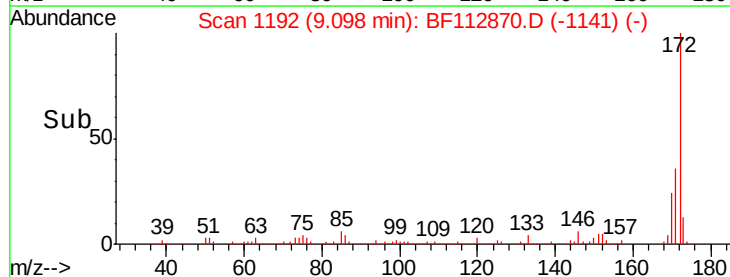
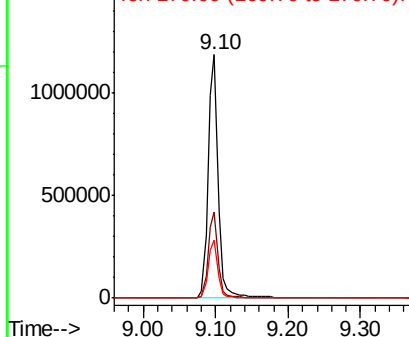


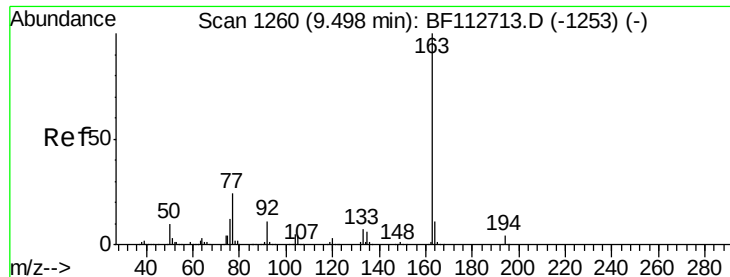
#45
 2-Fluorobiphenyl
 Concen: 61.645 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112870.D
 Acq: 5 Mar 2019 23:39

Tgt Ion:172 Resp: 1141767
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.4
 170 23.8 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: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112870.D

Acq: 5 Mar 2019 23:39

Instrument :

BNA_F

ClientSampleId :

SB-A-8-11

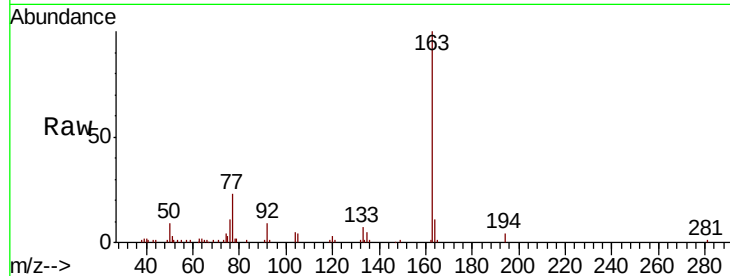
Tgt Ion:163 Resp: 69828

Ion Ratio Lower Upper

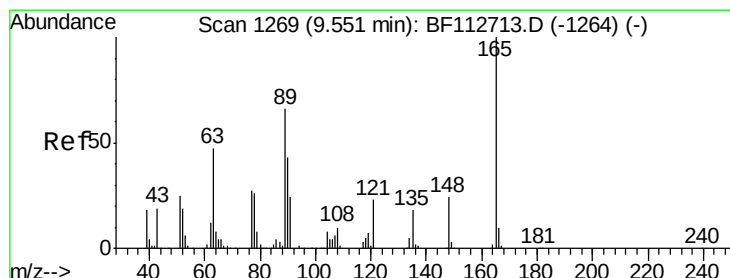
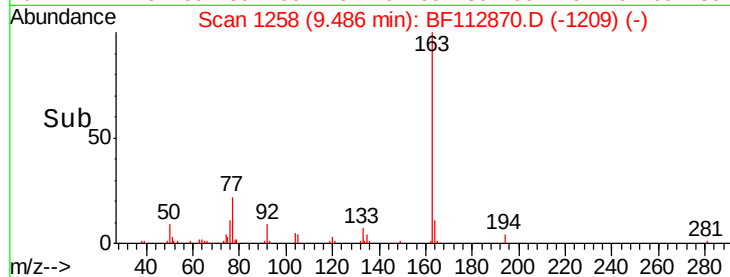
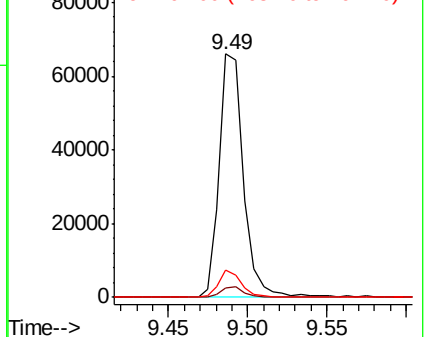
163 100

194 3.7 3.0 4.4

164 11.0 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: 8.243 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.22 min

Lab File: BF112870.D

Acq: 5 Mar 2019 23:39

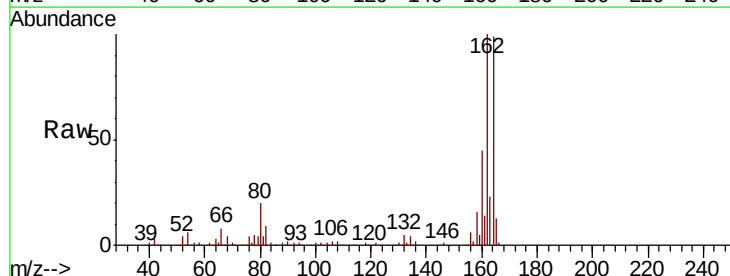
Tgt Ion:165 Resp: 36124

Ion Ratio Lower Upper

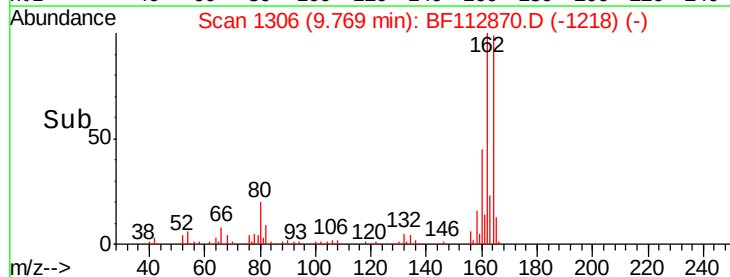
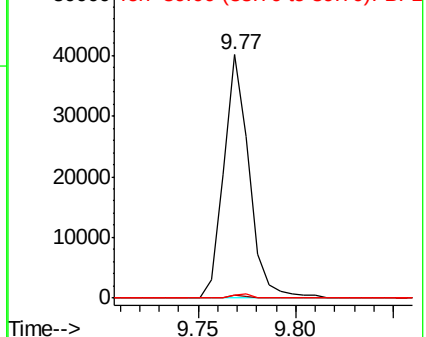
165 100

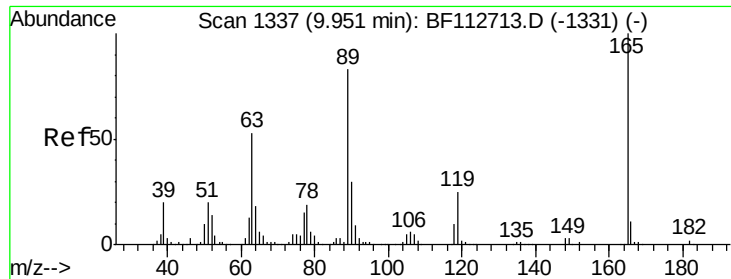
63 1.4 54.1 81.1#

89 1.3 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

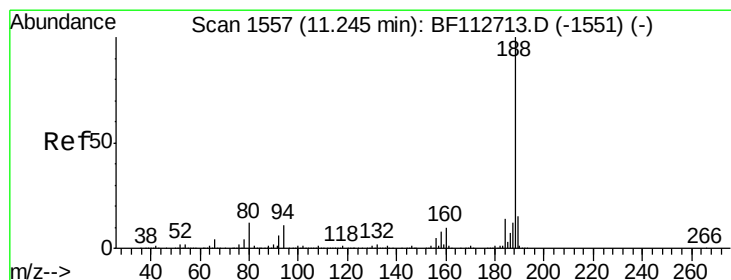
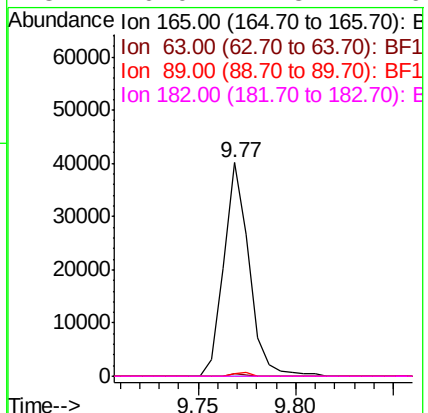
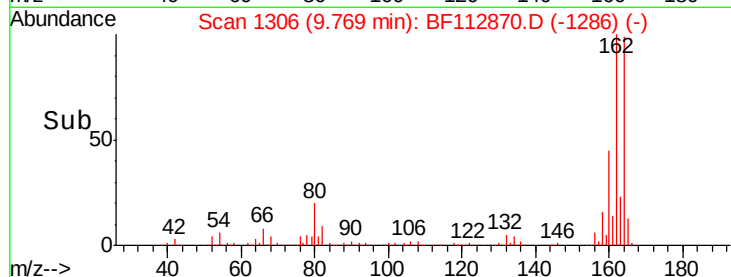
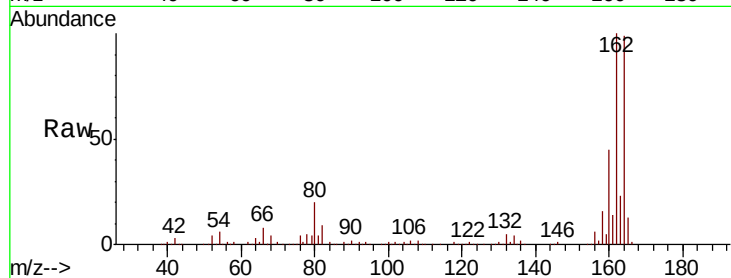




#57
2,4-Dinitrotoluene
Concen: 6.631 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112870.D
Acq: 5 Mar 2019 23:39

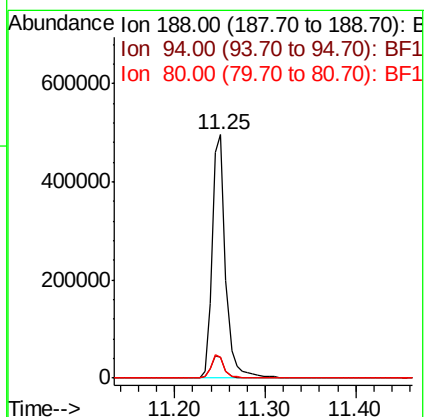
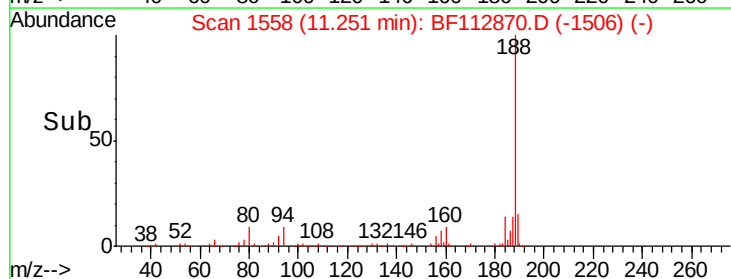
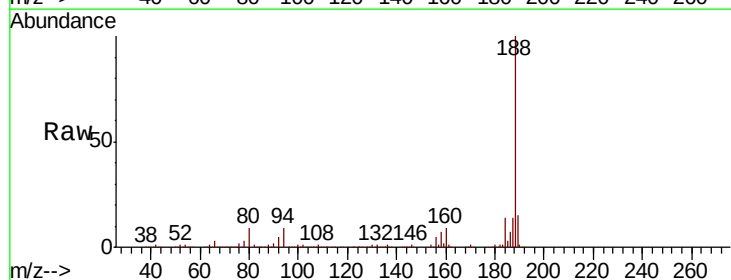
Instrument :
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ClientSampleId :
SB-A-8-11

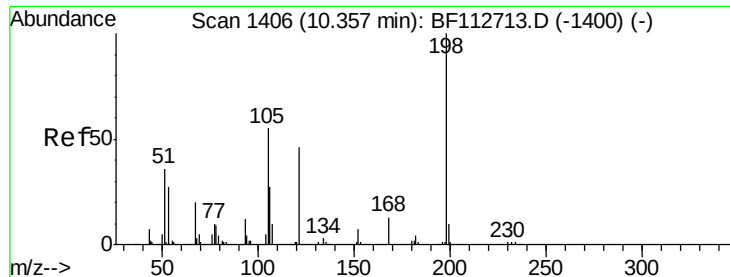
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112870.D
Acq: 5 Mar 2019 23:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	8.7	9.2	13.8#

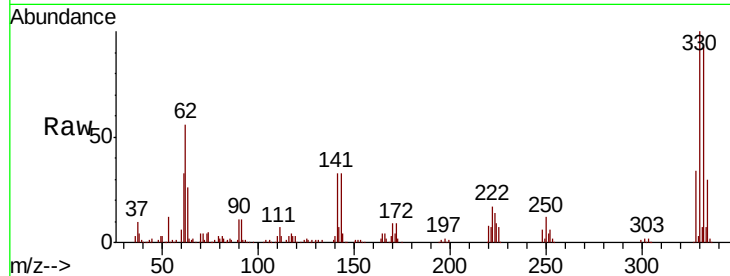




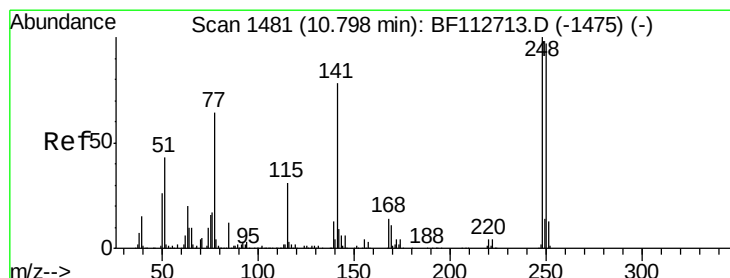
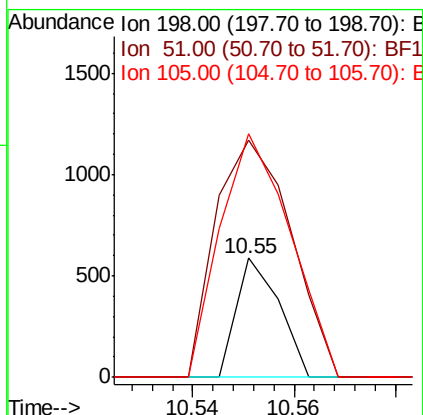
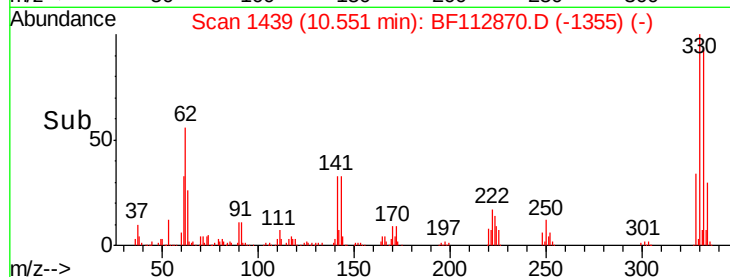
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.759 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF112870.D
 Acq: 5 Mar 2019 23:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-A-8-11

Tgt Ion:198 Resp: 343
 Ion Ratio Lower Upper
 198 100
 51 199.7 43.8 83.8#
 105 204.9 36.5 76.5#

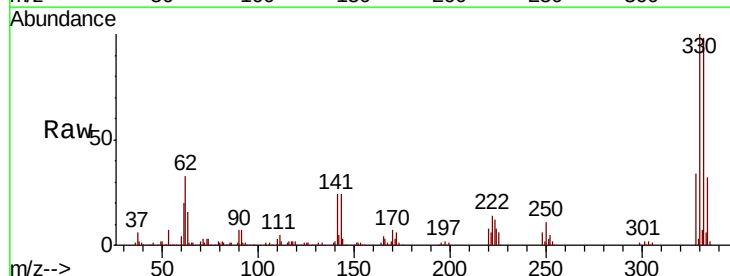


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

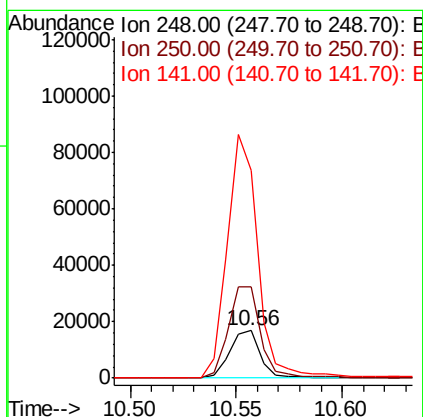
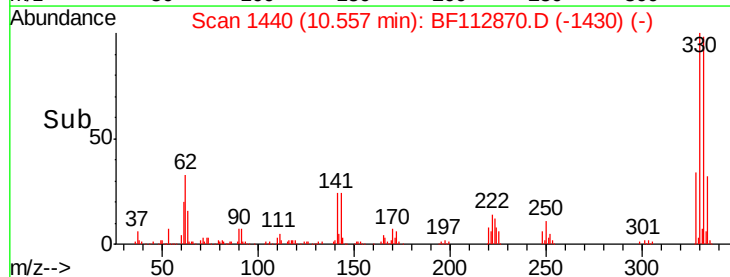


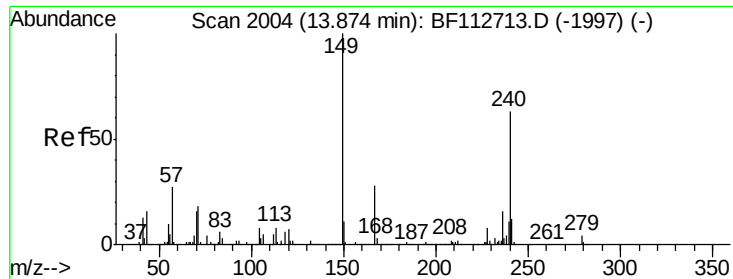
#67
 4-Bromophenyl-phenylether
 Concen: 3.089 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF112870.D
 Acq: 5 Mar 2019 23:39

Tgt Ion:248 Resp: 16787
 Ion Ratio Lower Upper
 248 100
 250 192.8 77.5 116.3#
 141 437.0 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

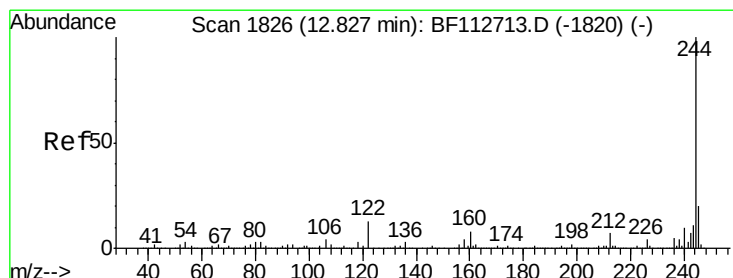
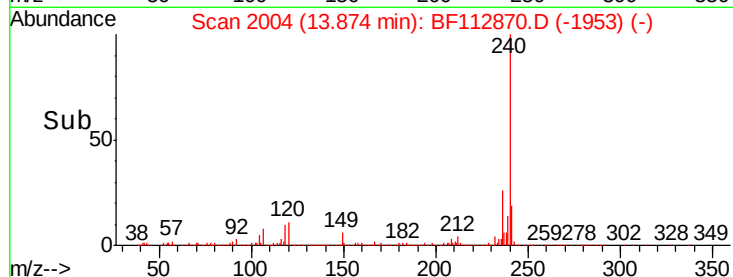
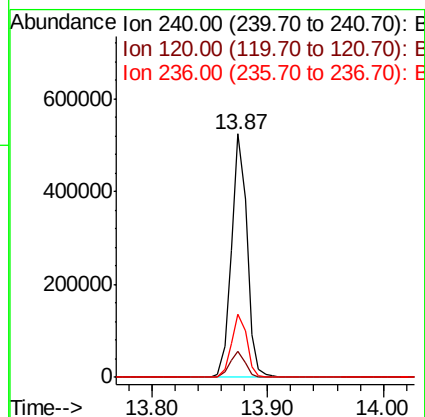
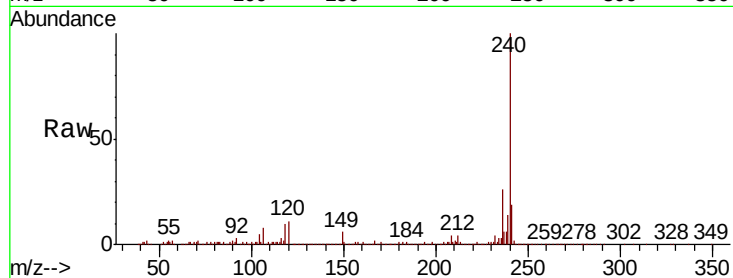




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112870.D
Acq: 5 Mar 2019 23:39

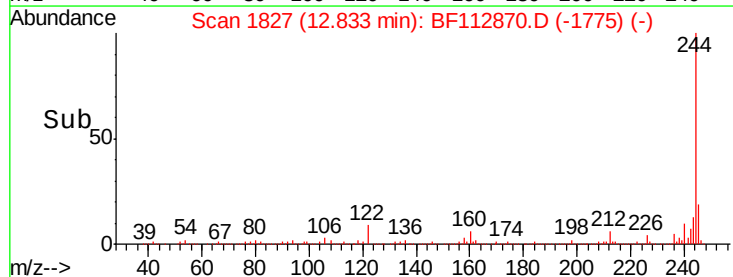
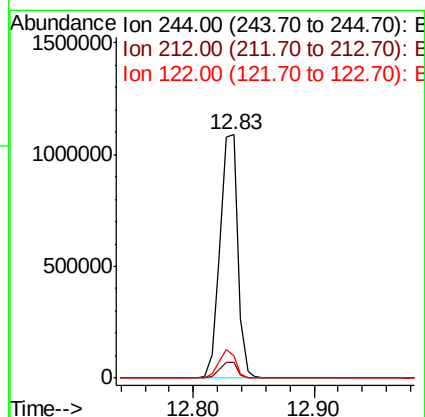
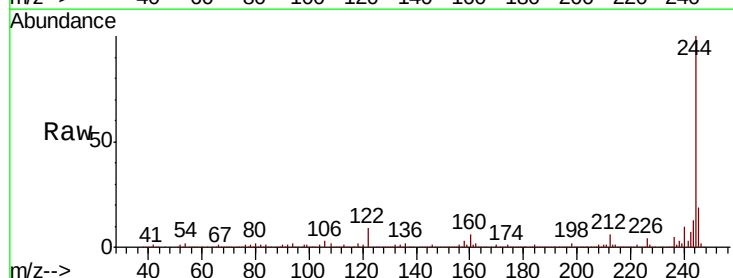
Instrument :
BNA_F
ClientSampleId :
SB-A-8-11

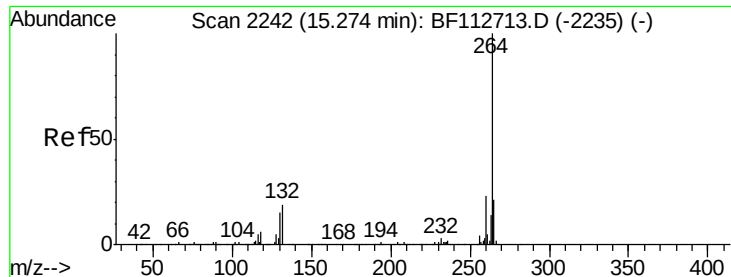
Tgt Ion:240 Resp: 487155
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 43.654 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112870.D
Acq: 5 Mar 2019 23:39

Tgt Ion:244 Resp: 1097055
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 9.3 10.5 15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112870.D
Acq: 5 Mar 2019 23:39

Instrument :
BNA_F
ClientSampleId :
SB-A-8-11

Tgt Ion: 264 Resp: 373418

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.1	17.2	25.8

