

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
 Data File : BF112681.D
 Acq On : 22 Feb 2019 22:55
 Operator : JU/SJ
 Sample : K1570-05RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10-10

Quant Time: Feb 22 23:28:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

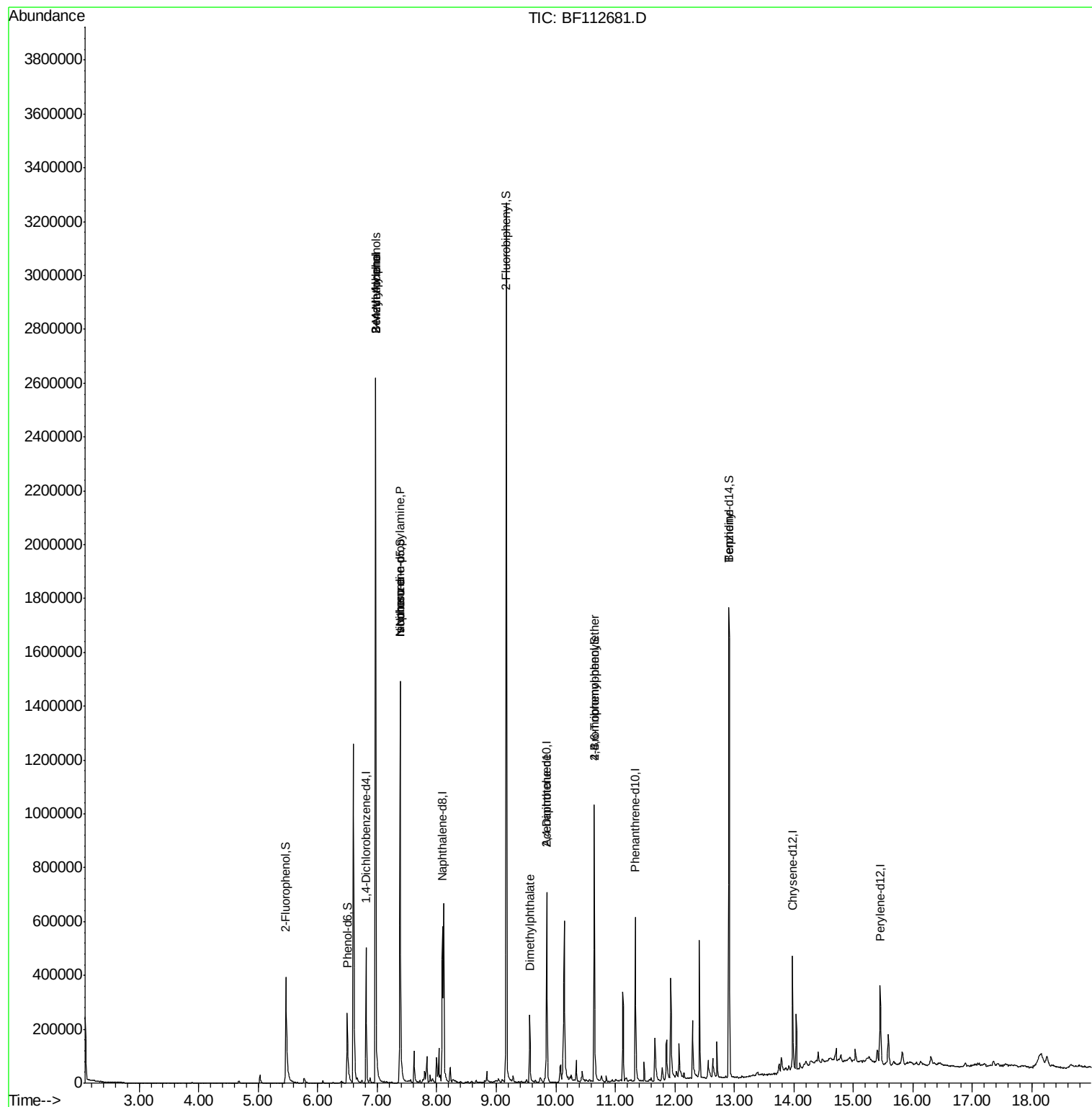
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76571	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	327736	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	131002	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	196446	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	139723	20.00	ng	-0.03
87) Perylene-d12	15.45	264	135783	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	173496	48.13	ng	-0.01
7) Phenol-d6	6.49	99	127024	25.36	ng	0.00
23) Nitrobenzene-d5	7.39	82	526529	92.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	134364	88.12	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1016006	109.69	ng	-0.04
79) Terphenyl-d14	12.92	244	577982	77.91	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	6.97	79	184186	43.618	ng	Qvalue 91
17) 2-Methylphenol	6.97	107	93409	24.298	ng	# 10
19) n-Nitroso-di-n-propylamine	7.39	70	73595	21.307	ng	# 75
20) 3+4-Methylphenols	6.97	107	93409	19.001	ng	# 38
25) Isophorone	7.39	82	526523	59.007	ng	# 63
50) Dimethylphthalate	9.56	163	94275	9.262	ng	98
57) 2,4-Dinitrotoluene	9.85	165	16645	5.736	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	7912	3.424	ng	# 1
77) Benzidine	12.91	184	8247	2.144	ng	95

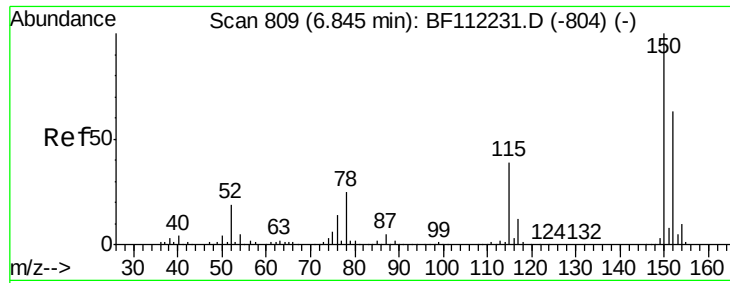
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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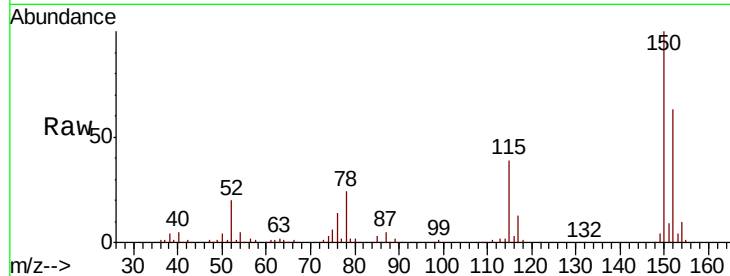


#1

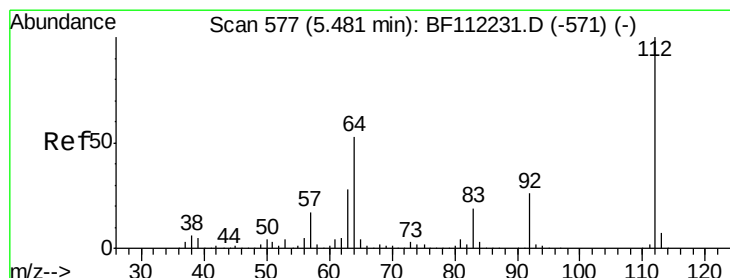
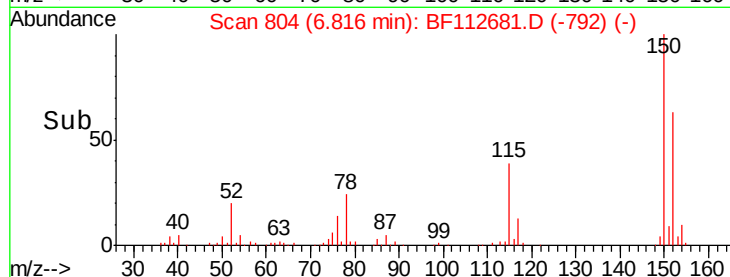
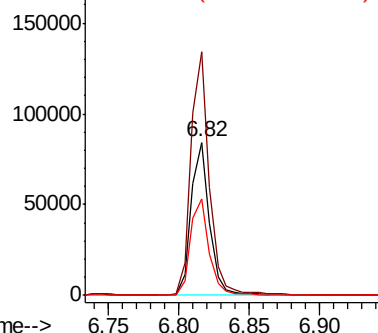
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
10-10

Tgt Ion:152 Resp: 76571
Ion Ratio Lower Upper
152 100
150 158.8 127.4 191.0
115 62.7 45.5 68.3



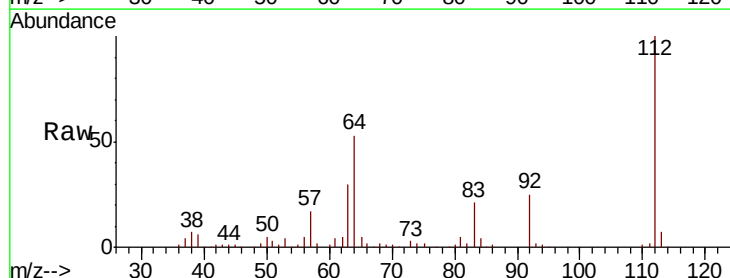
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



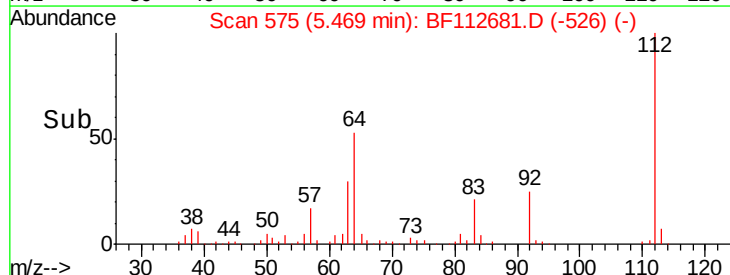
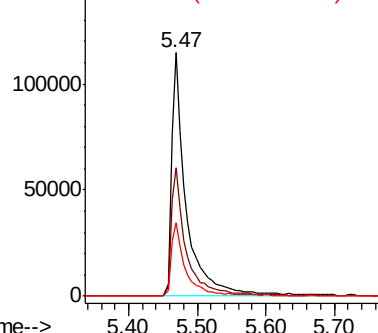
#5

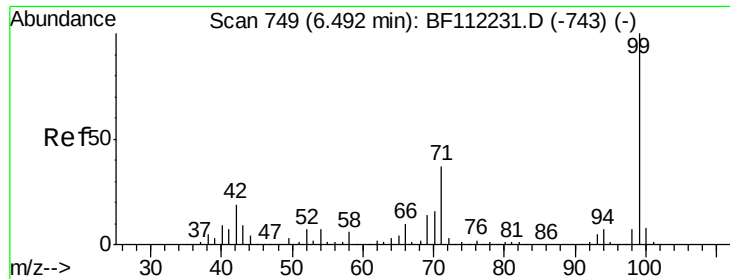
2-Fluorophenol
Concen: 48.127 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

Tgt Ion:112 Resp: 173496
Ion Ratio Lower Upper
112 100
64 52.8 45.7 68.5
63 30.0 23.6 35.4



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: 25.358 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

10-10

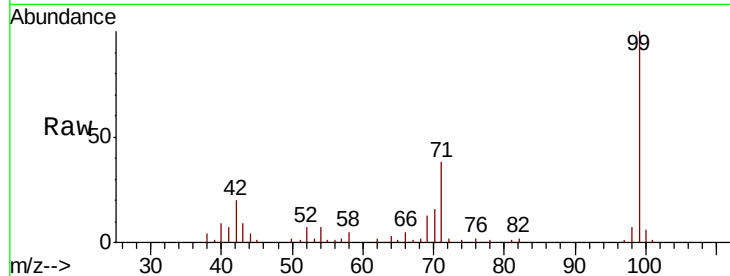
Tgt Ion: 99 Resp: 127024

Ion Ratio Lower Upper

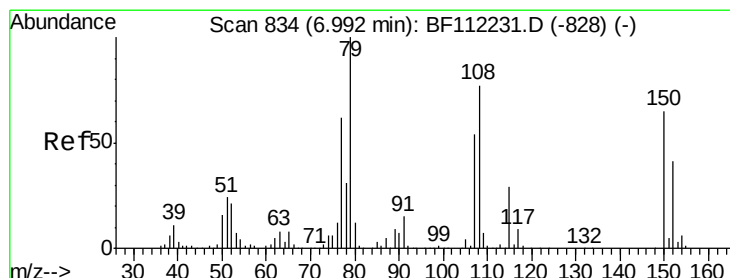
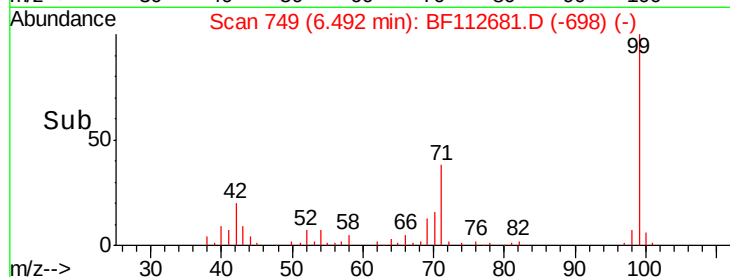
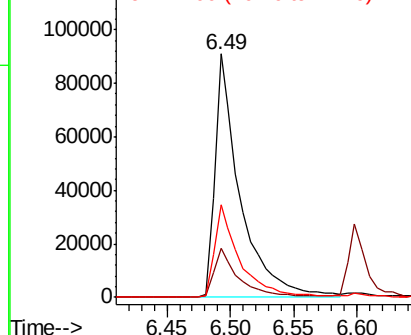
99 100

42 20.2 15.1 22.7

71 38.3 26.9 40.3



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



#15

Benzyl Alcohol

Concen: 43.618 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

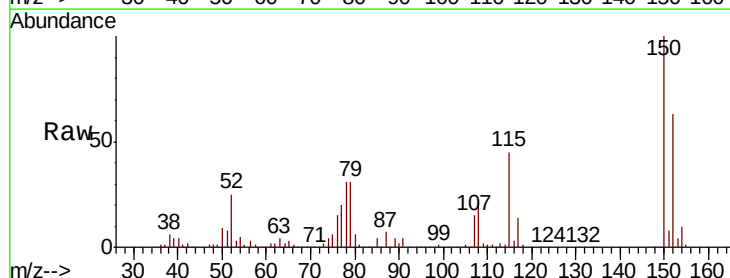
Tgt Ion: 79 Resp: 184186

Ion Ratio Lower Upper

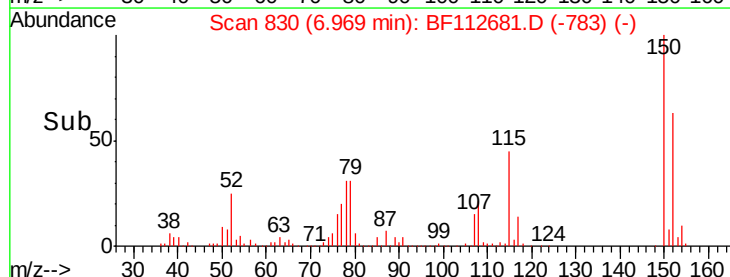
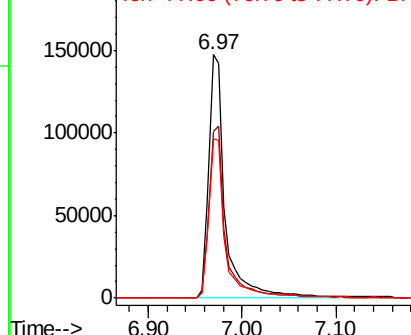
79 100

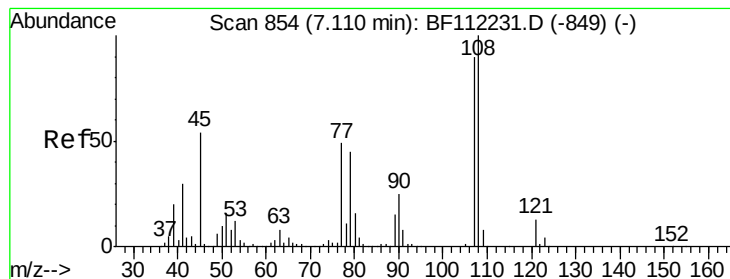
108 68.4 64.2 96.2

77 65.2 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1





#17

2-Methylphenol

Concen: 24.298 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.14 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

Instrument :

BNA_F

ClientSampled :

10-10

Tgt Ion: 107 Resp: 93409

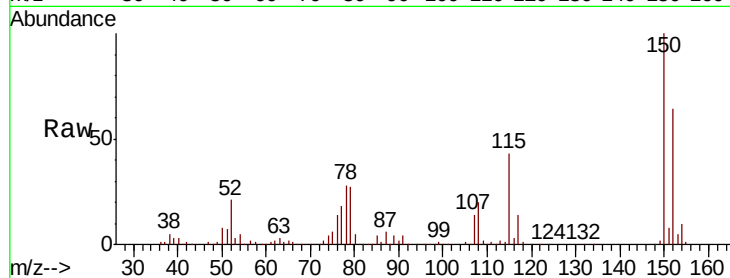
Ion Ratio Lower Upper

107 100

108 140.9 91.3 136.9#

77 129.1 39.0 58.6#

79 192.5 37.0 55.4#



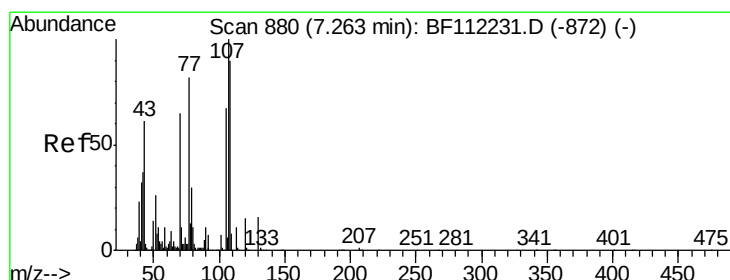
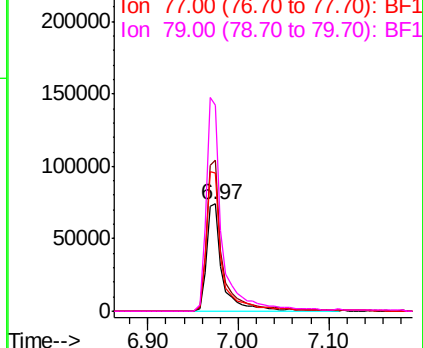
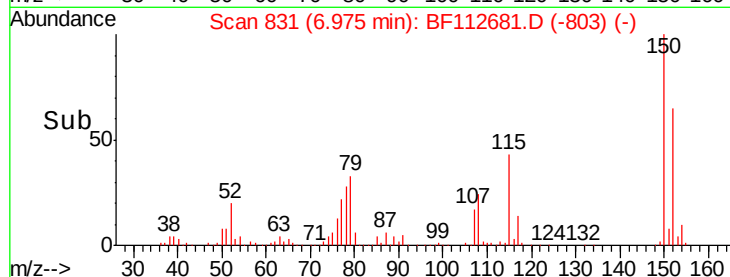
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 21.307 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

Tgt Ion: 70 Resp: 73595

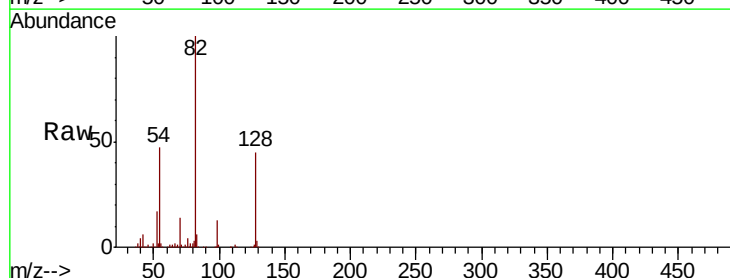
Ion Ratio Lower Upper

70 100

42 45.8 47.6 71.4#

101 0.0 7.9 11.9#

130 2.1 18.4 27.6#



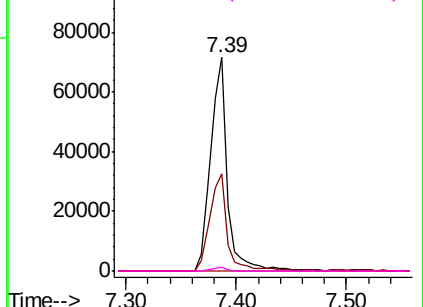
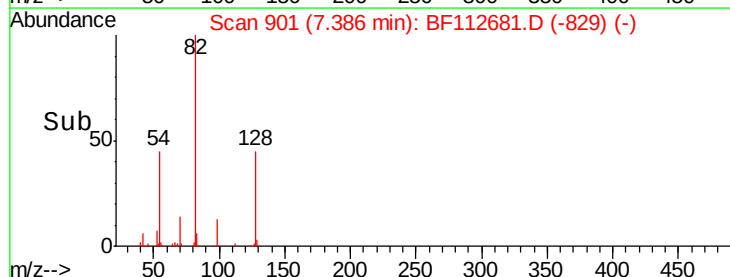
Abundance

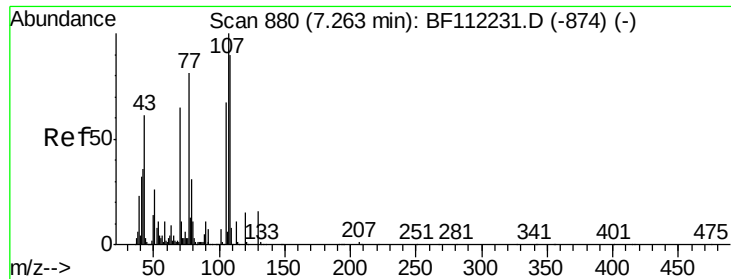
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

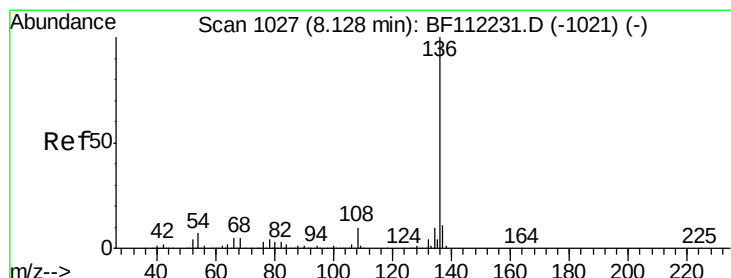
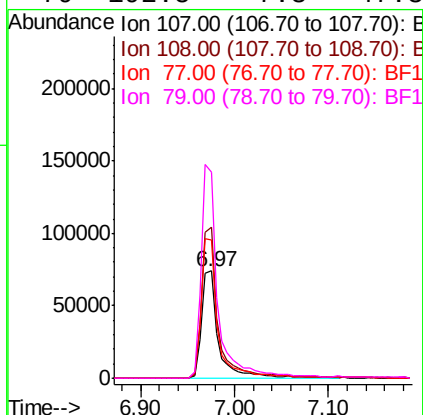
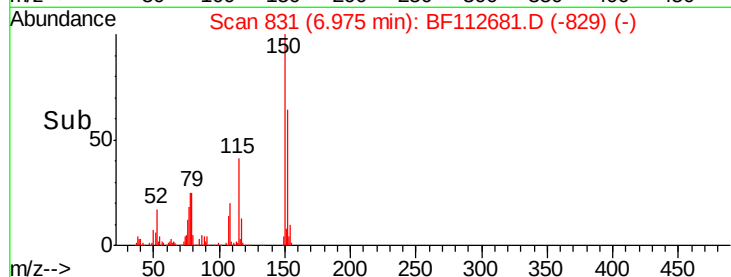
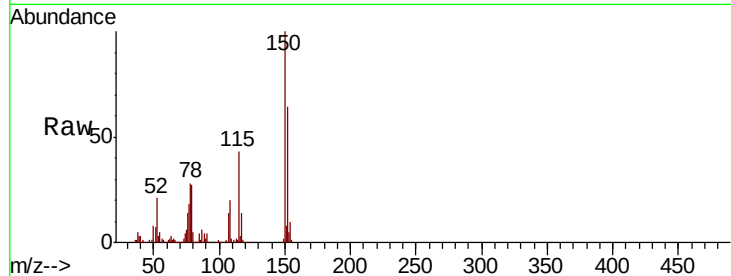




#20
3+4-Methylphenols
Concen: 19.001 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.29 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

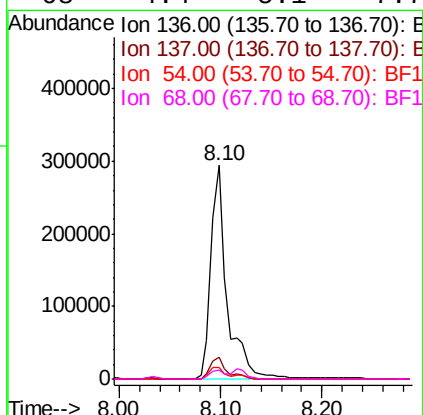
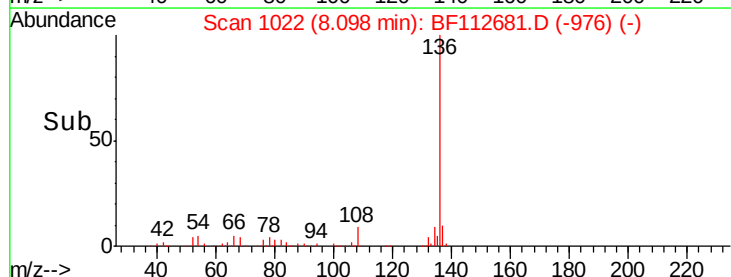
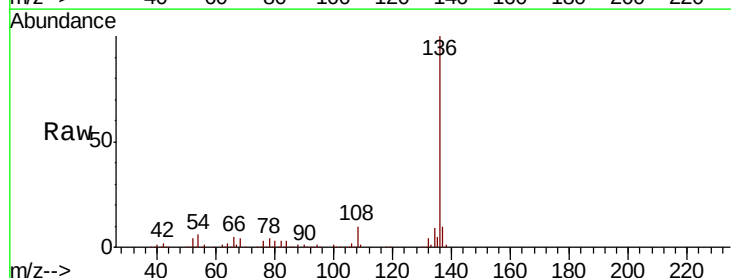
Instrument :
BNA_F
ClientSampleId :
10-10

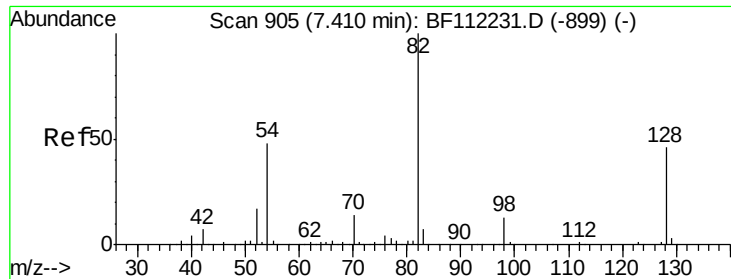
Tgt Ion:107 Resp: 93409
Ion Ratio Lower Upper
107 100
108 140.9 68.2 108.2#
77 129.1 100.7 140.7
79 192.5 7.3 47.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

Tgt Ion:136 Resp: 327736
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 5.6 5.9 8.9#
68 4.4 5.1 7.7#

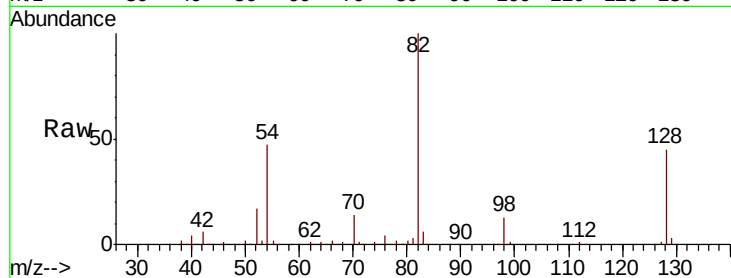




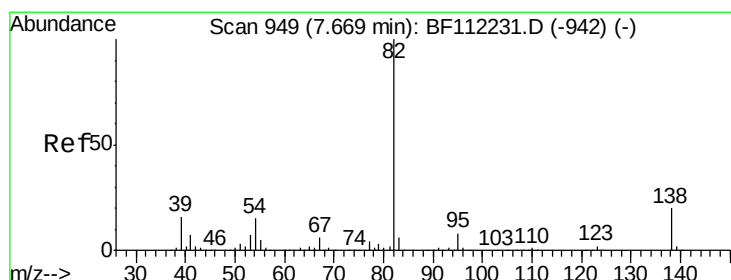
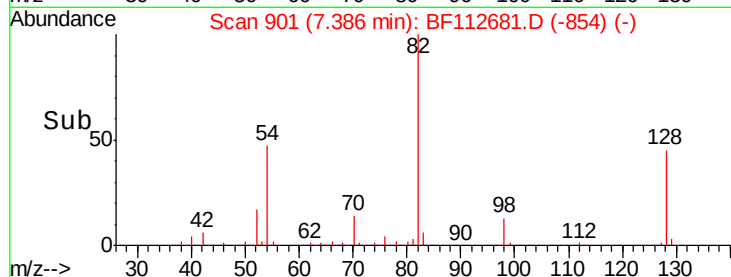
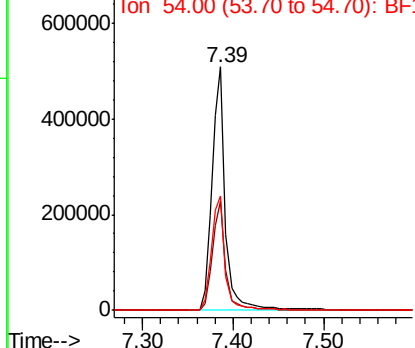
#23
Nitrobenzene-d5
Concen: 92.570 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
10-10

Tgt Ion: 82 Resp: 526529
Ion Ratio Lower Upper
82 100
128 45.1 37.8 56.8
54 47.1 39.7 59.5

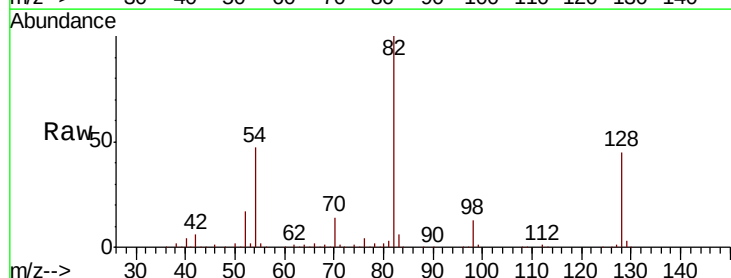


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

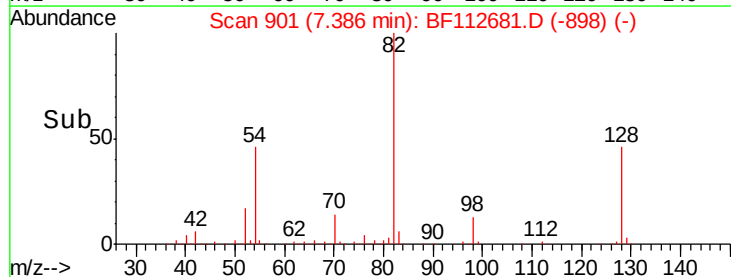
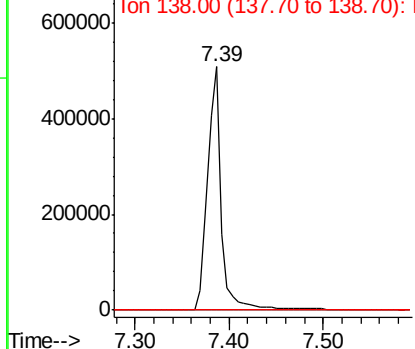


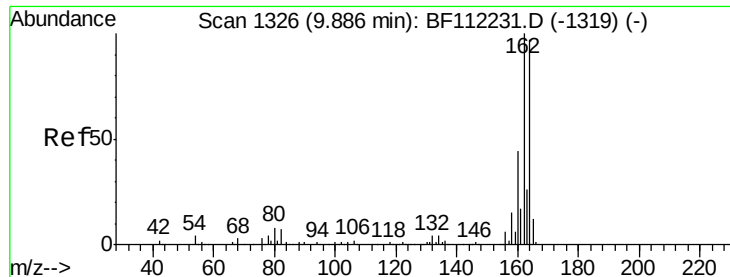
#25
Isophorone
Concen: 59.007 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

Tgt Ion: 82 Resp: 526523
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



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: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

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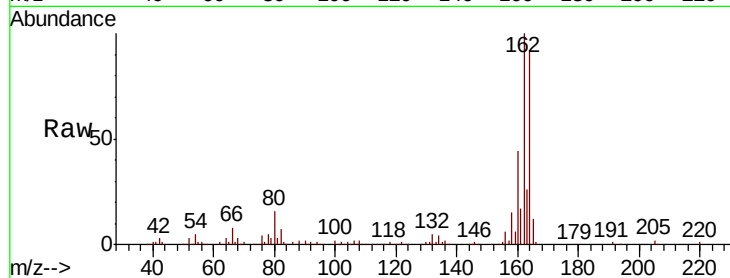
Tgt Ion:164 Resp: 131002

Ion Ratio Lower Upper

164 100

162 108.1 82.2 123.4

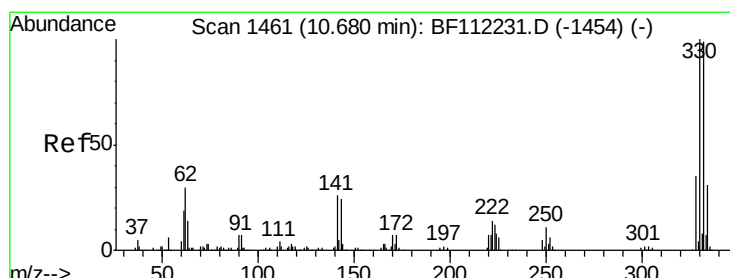
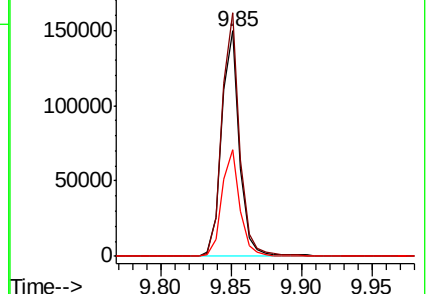
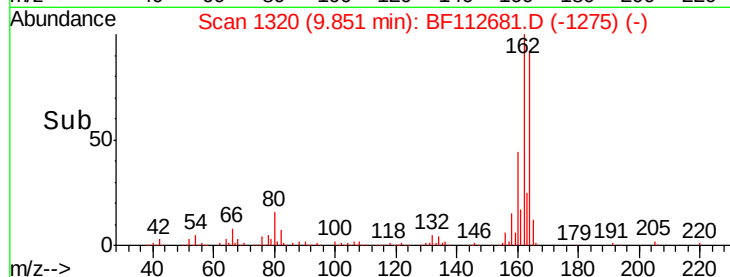
160 47.5 36.2 54.4



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: 88.118 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

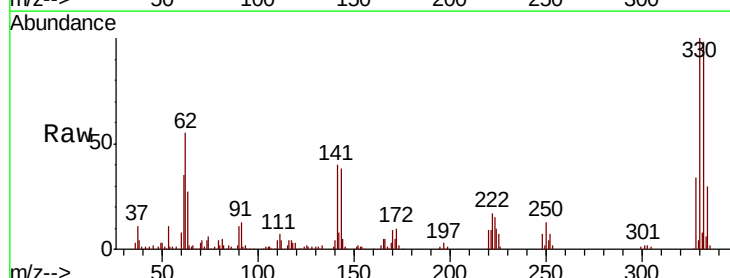
Tgt Ion:330 Resp: 134364

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

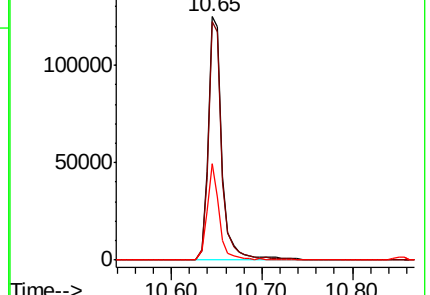
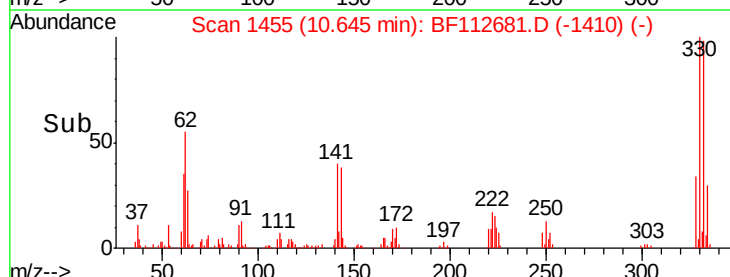
141 34.9 24.3 36.5

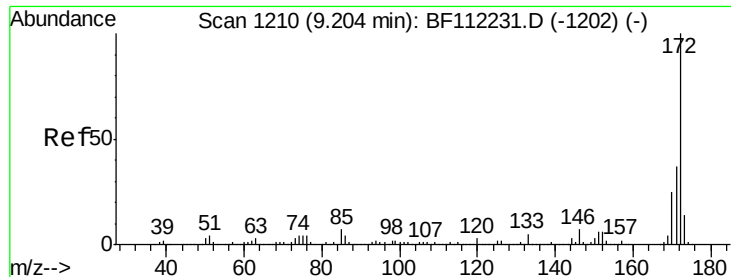


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

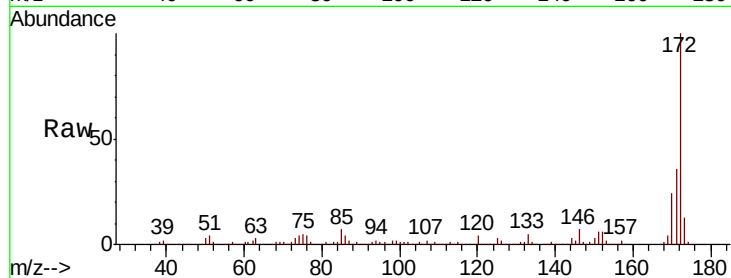




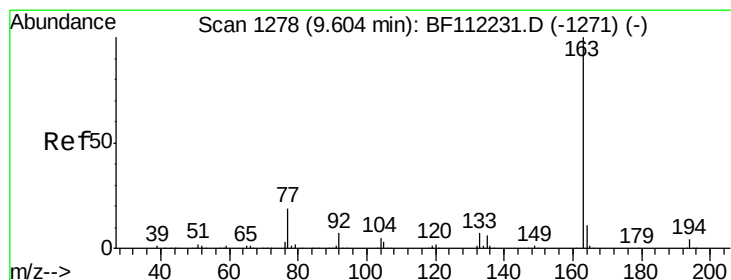
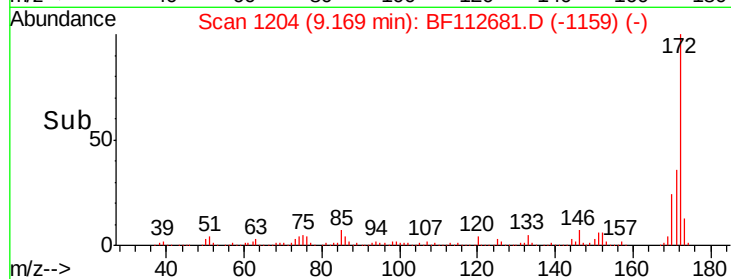
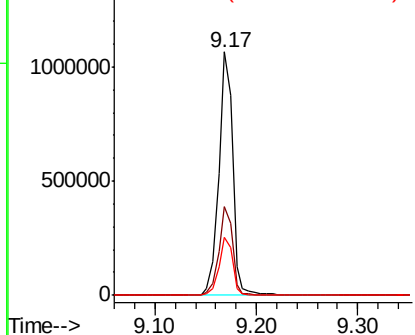
#45
 2-Fluorobiphenyl
 Concen: 109.691 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112681.D
 Acq: 22 Feb 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :
 10-10

Tgt Ion:172 Resp: 1016006
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.5 45.7
 170 23.9 20.2 30.4

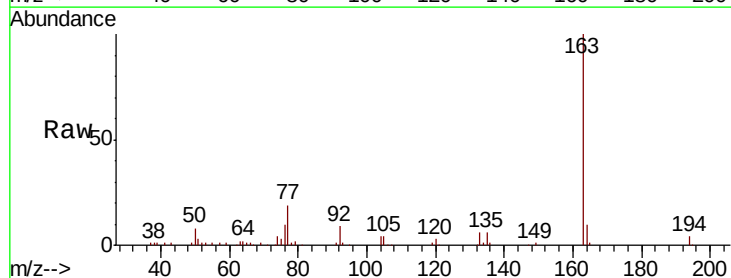


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

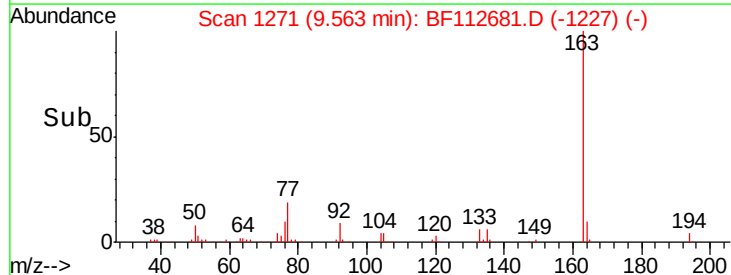
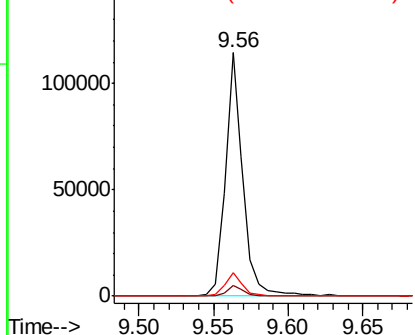


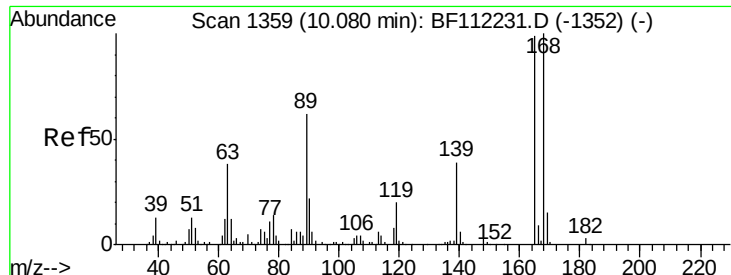
#50
 Dimethylphthalate
 Concen: 9.262 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.04 min
 Lab File: BF112681.D
 Acq: 22 Feb 2019 22:55

Tgt Ion:163 Resp: 94275
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.3 4.9
 164 9.7 8.5 12.7



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

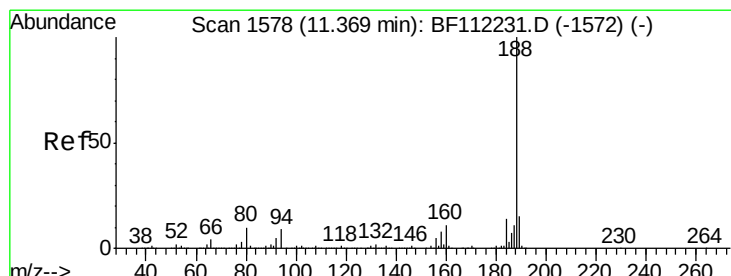
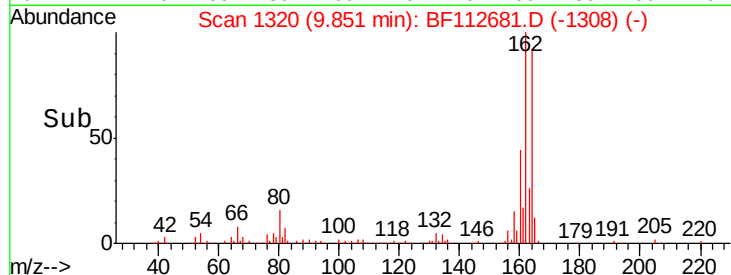
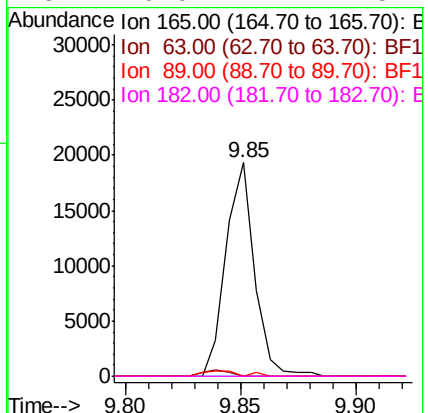
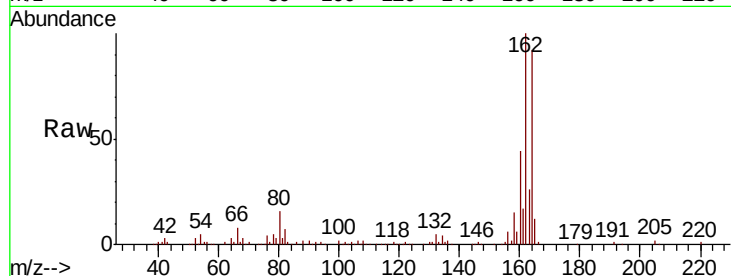




#57
 2,4-Dinitrotoluene
 Concen: 5.736 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF112681.D
 Acq: 22 Feb 2019 22:55

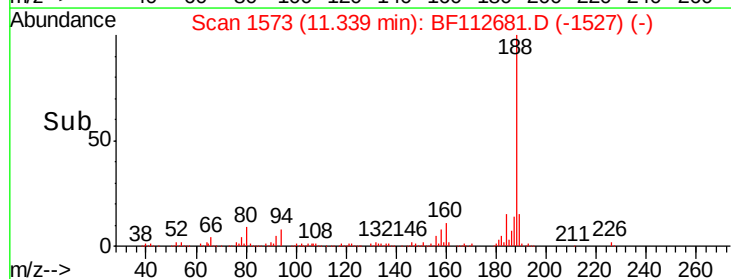
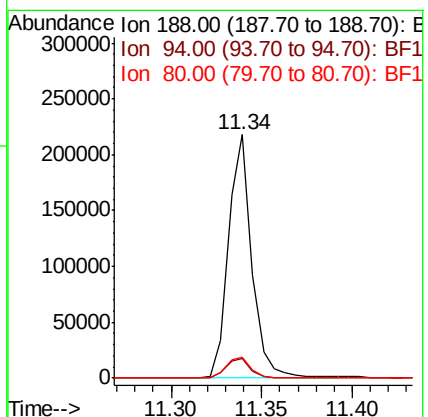
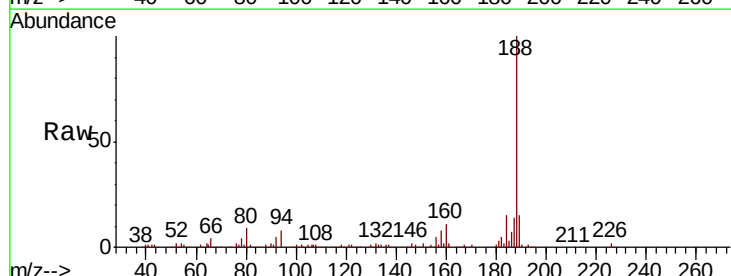
Instrument :
 BNA_F
 ClientSampleId :
 10-10

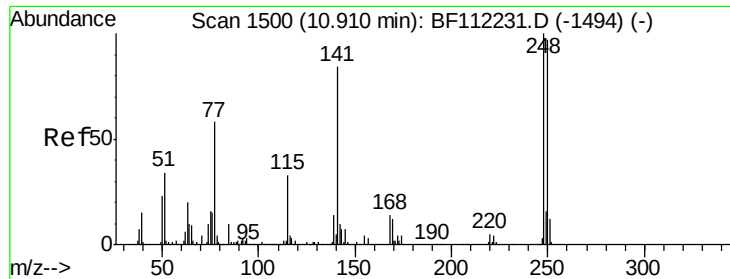
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	16645		
63	0.0	27.9	41.9#	
89	0.0	47.9	71.9#	
182	0.0	2.2	3.4#	



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF112681.D
 Acq: 22 Feb 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	196446		
94	7.9	8.2	12.2#	
80	8.6	8.9	13.3#	

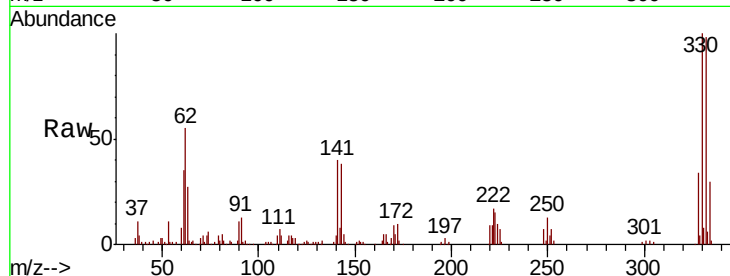




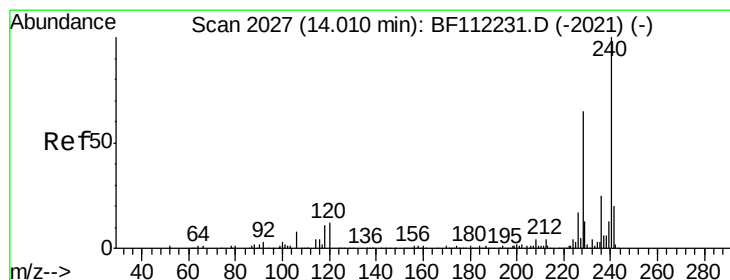
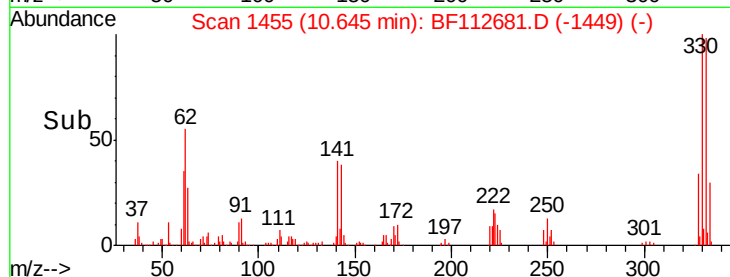
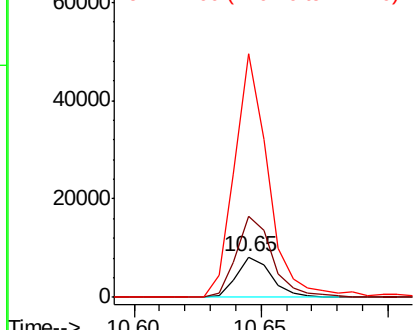
#67
4-Bromophenyl-phenylether
Concen: 3.424 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.26 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
10-10

Tgt Ion: 248 Resp: 7912
Ion Ratio Lower Upper
248 100
250 202.0 79.7 119.5#
141 606.4 60.3 90.5#

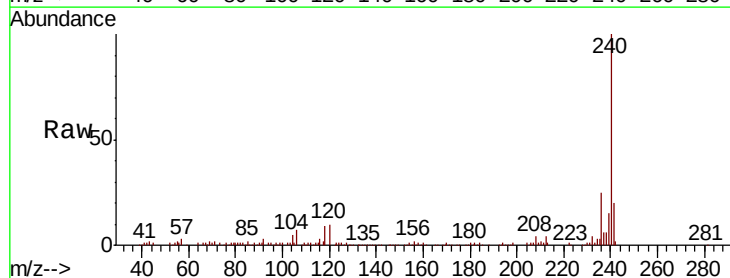


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

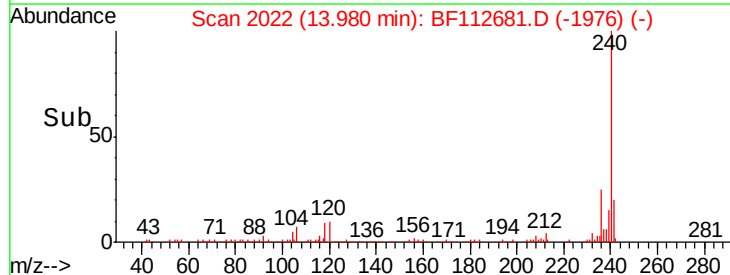
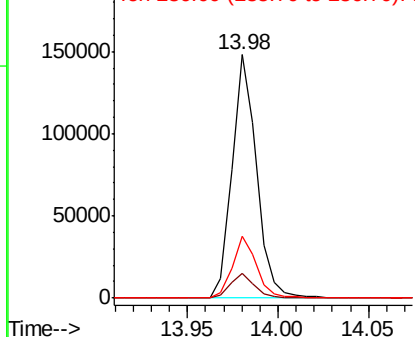


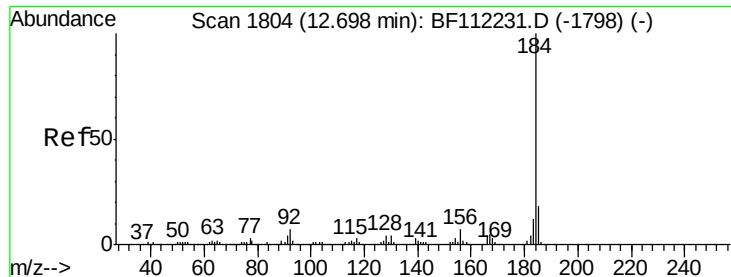
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

Tgt Ion: 240 Resp: 139723
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.6
236 25.2 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





#77

Benzidine

Concen: 2.144 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.21 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

Instrument :

BNA_F

ClientSampleId :

10-10

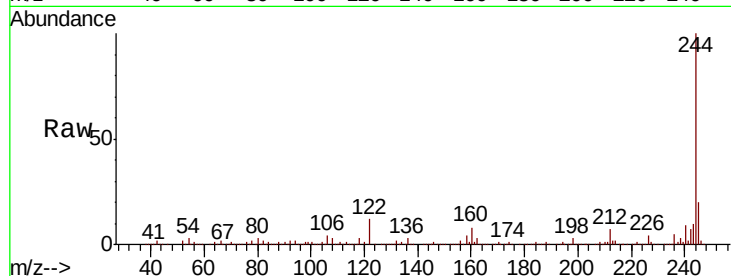
Tgt Ion:184 Resp: 8247

Ion Ratio Lower Upper

184 100

185 19.5 13.9 20.9

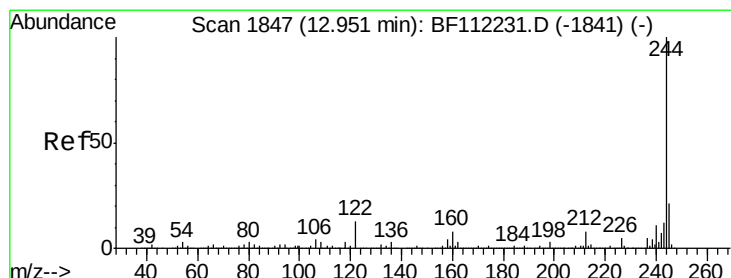
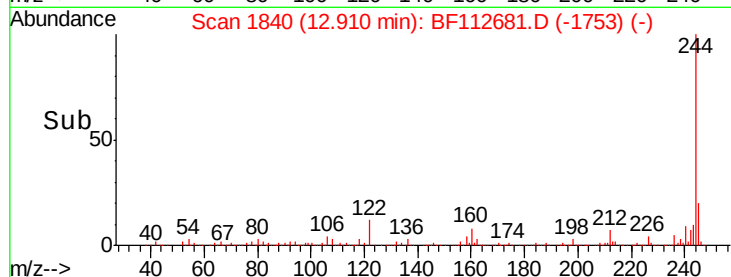
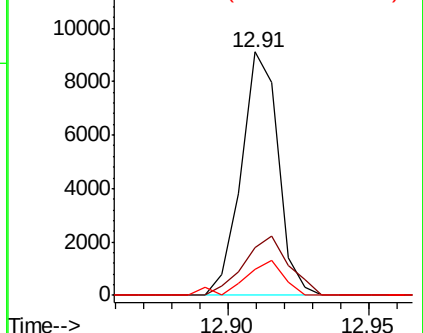
183 10.6 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 77.911 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF112681.D

Acq: 22 Feb 2019 22:55

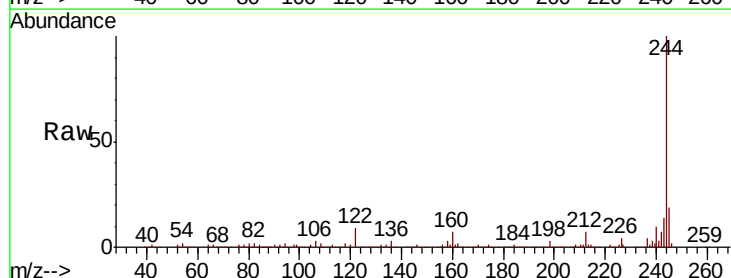
Tgt Ion:244 Resp: 577982

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

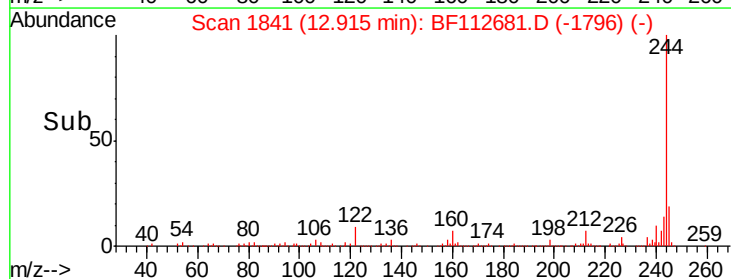
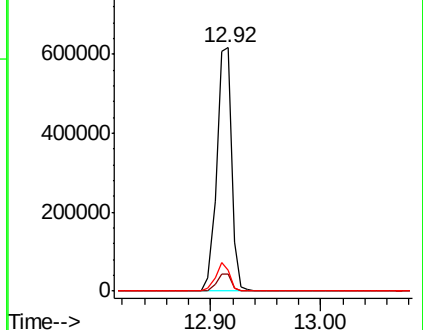
122 8.6 9.8 14.6#

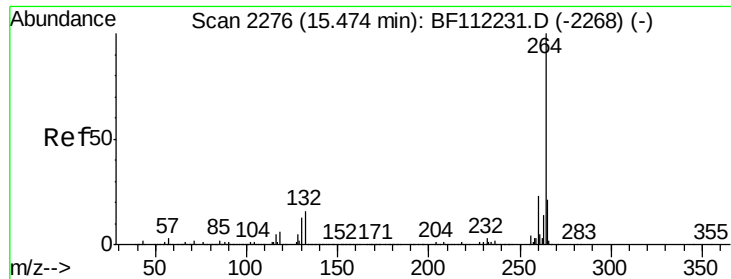


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF112681.D
Acq: 22 Feb 2019 22:55

Instrument :
BNA_F
ClientSampleId :
10-10

Tgt Ion: 264 Resp: 135783
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.2
265 21.5 17.0 25.4

