

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112509.D
 Acq On : 12 Feb 2019 13:53
 Operator : JU/SJ
 Sample : K1459-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-10-D

Quant Time: Feb 13 03:38:15 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

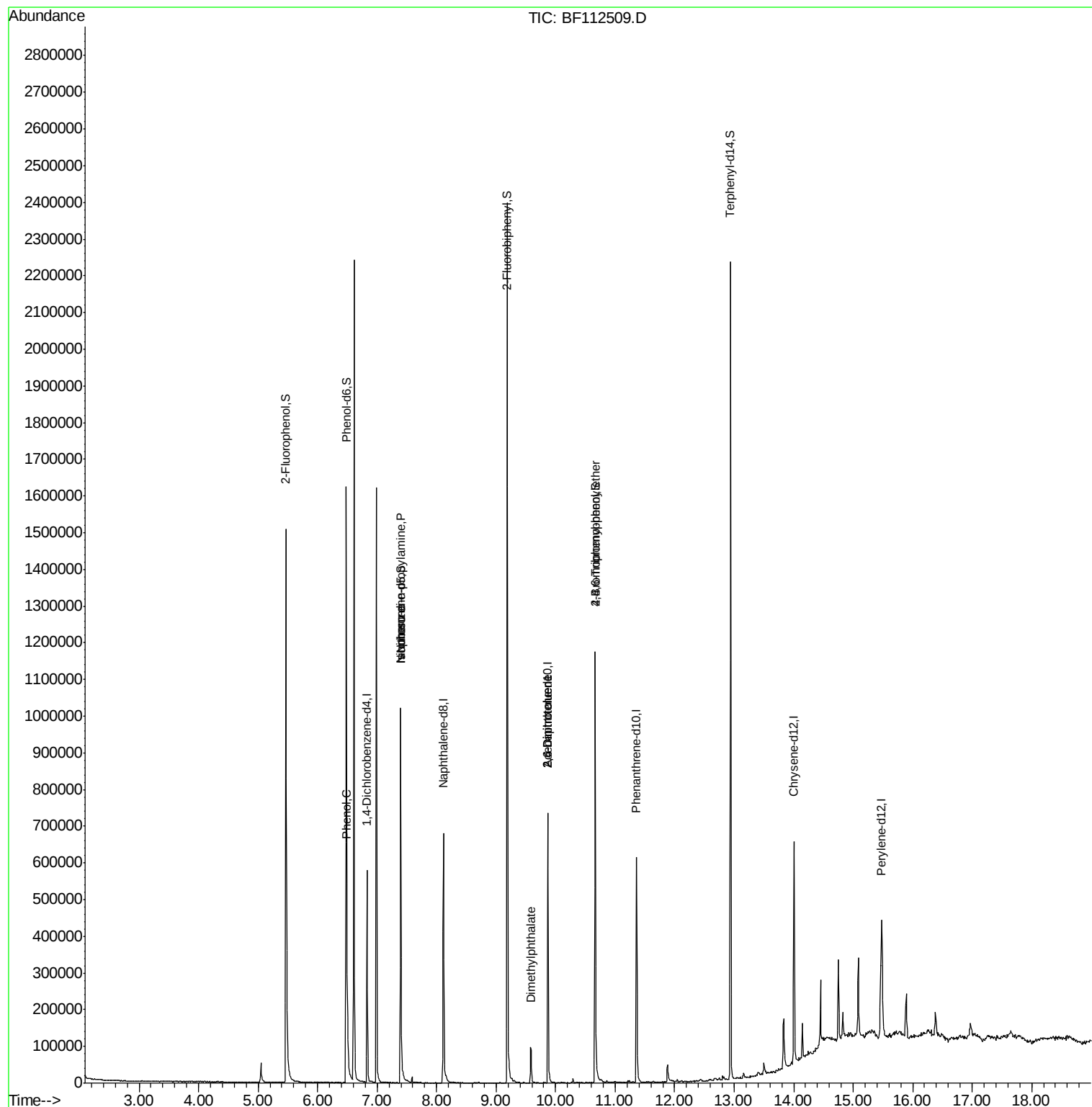
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87877	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	339124	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	156591	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	273739	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	221384	20.00	ng	0.00
87) Perylene-d12	15.49	264	166313	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	504659	121.98	ng	-0.01
7) Phenol-d6	6.48	99	629540	109.51	ng	-0.01
23) Nitrobenzene-d5	7.40	82	375924	63.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	163016	89.44	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	759950	68.64	ng	-0.02
79) Terphenyl-d14	12.94	244	697320	59.33	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	26504	4.202	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	50783	12.811	ng	# 75
25) Isophorone	7.40	82	375918	40.714	ng	# 63
50) Dimethylphthalate	9.59	163	53059	4.361	ng	97
51) 2,6-Dinitrotoluene	9.87	165	20060	7.362	ng	# 32
57) 2,4-Dinitrotoluene	9.87	165	20060	5.783	ng	# 30
67) 4-Bromophenyl-phenylether	10.66	248	9648	2.997	ng	# 1

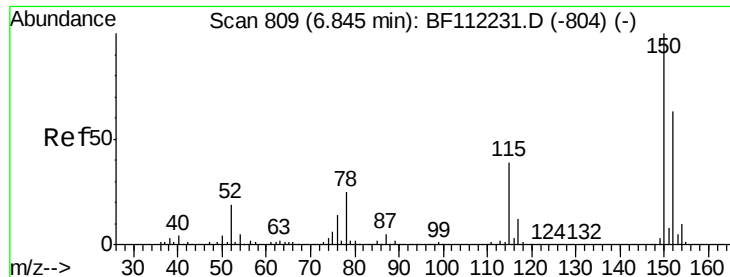
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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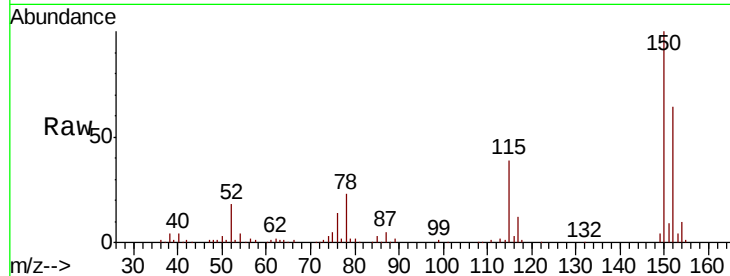


#1

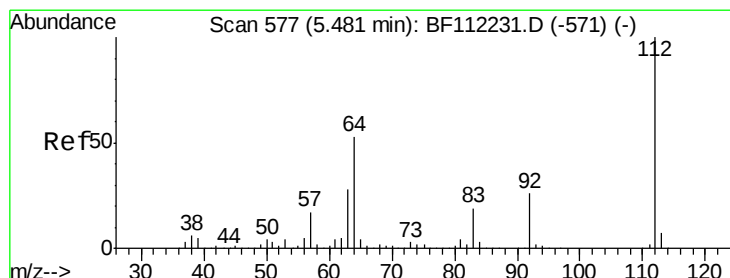
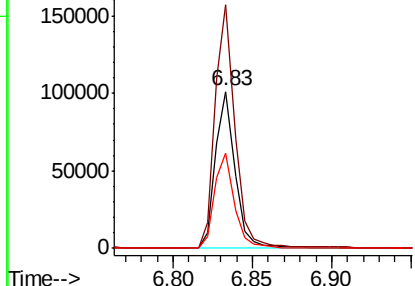
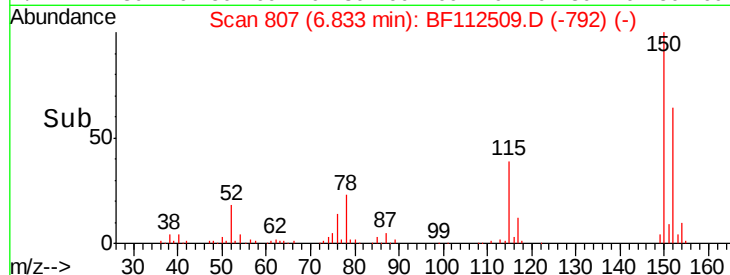
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112509.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_F
 ClientSampleId :
 M-10-D

Tgt Ion:152 Resp: 87877
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.4 191.0
 115 60.4 45.5 68.3



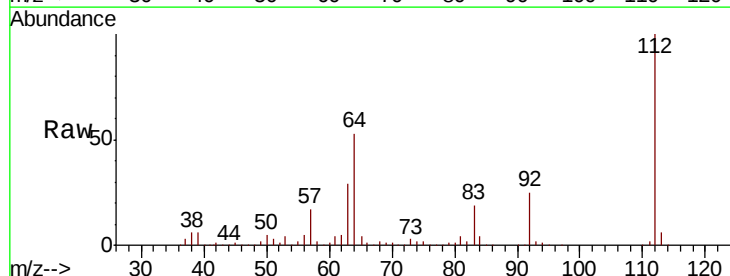
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



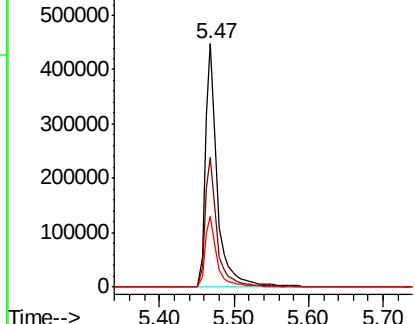
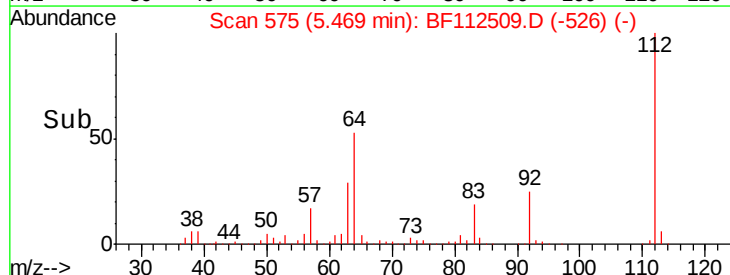
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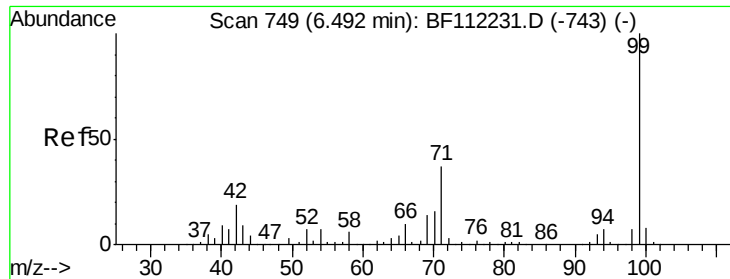
2-Fluorophenol
 Concen: 121.981 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF112509.D
 Acq: 12 Feb 2019 13:53

Tgt Ion:112 Resp: 504659
 Ion Ratio Lower Upper
 112 100
 64 53.3 45.7 68.5
 63 29.0 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: 109.507 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112509.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_F

ClientSampleId :

M-10-D

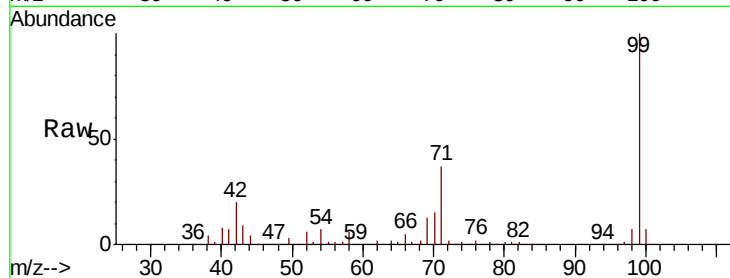
Tgt Ion: 99 Resp: 629540

Ion Ratio Lower Upper

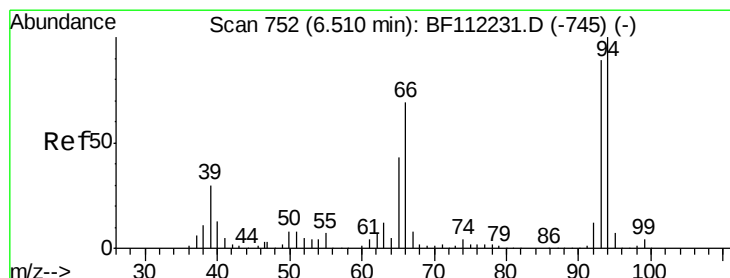
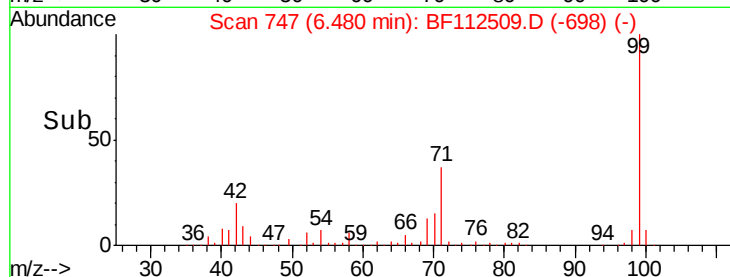
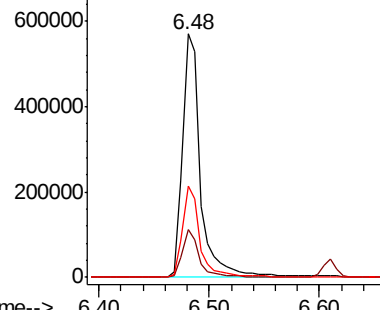
99 100

42 19.8 15.1 22.7

71 37.4 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



#10

Phenol

Concen: 4.202 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112509.D

Acq: 12 Feb 2019 13:53

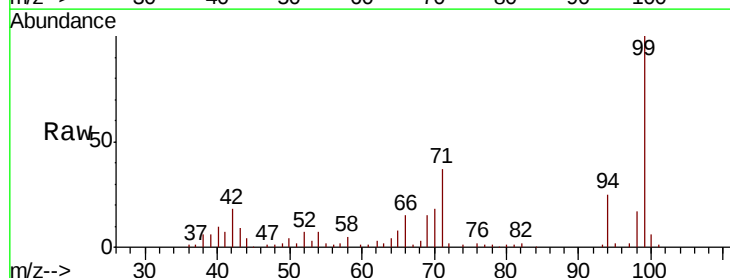
Tgt Ion: 94 Resp: 26504

Ion Ratio Lower Upper

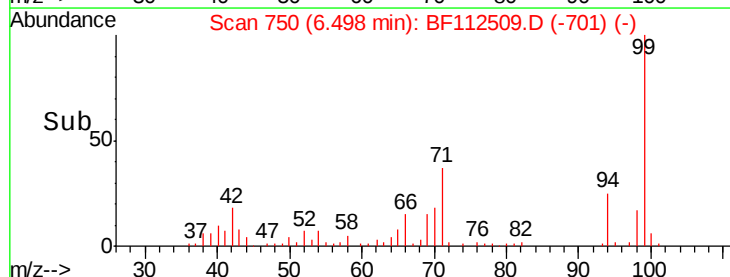
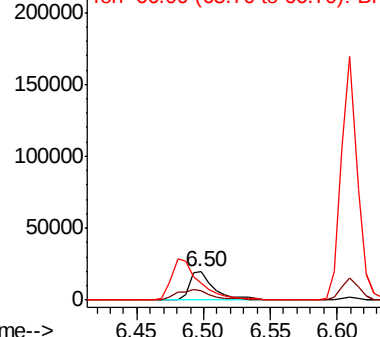
94 100

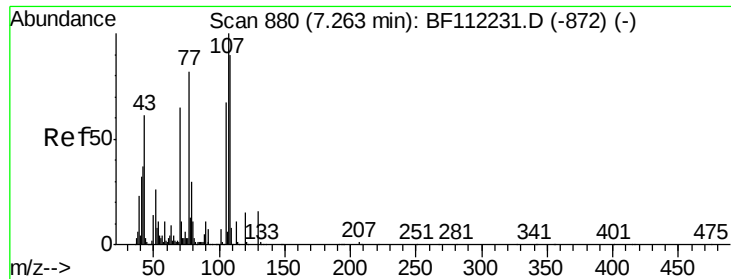
65 32.6 20.3 60.3

66 59.0 42.4 82.4



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

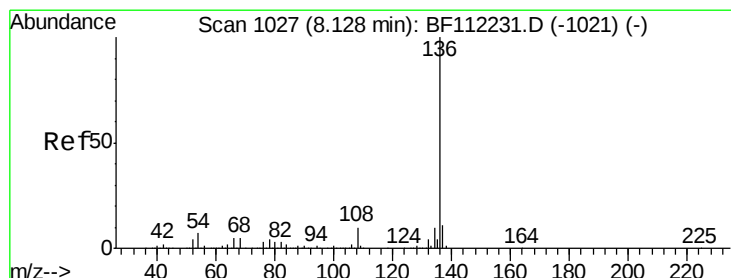
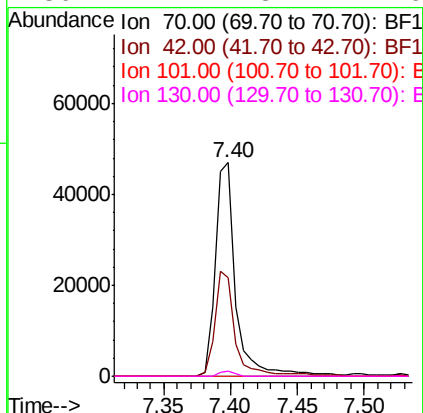
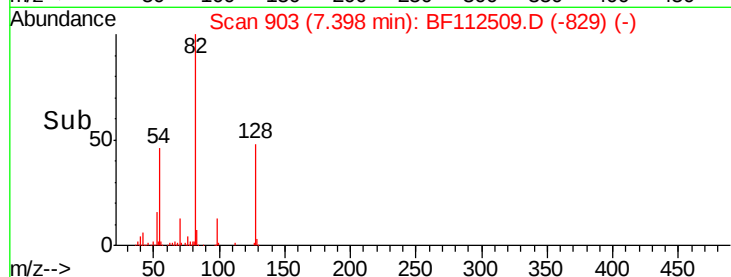
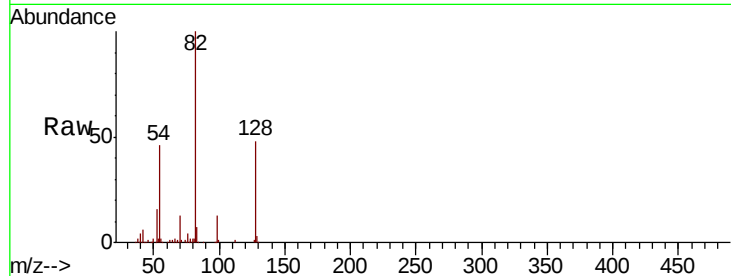




#19
n-Nitroso-di-n-propylamine
Concen: 12.811 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112509.D
Acq: 12 Feb 2019 13:53

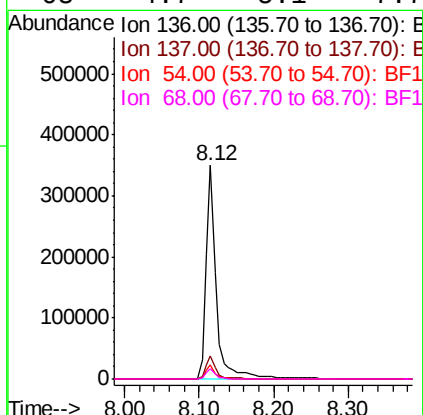
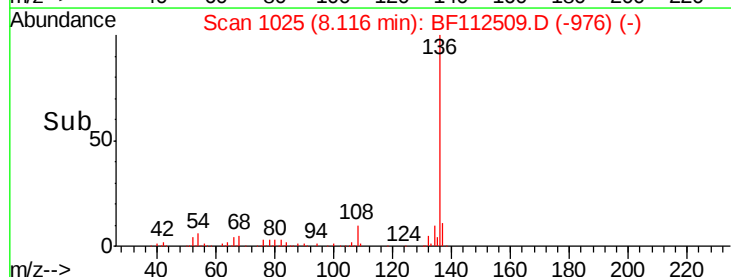
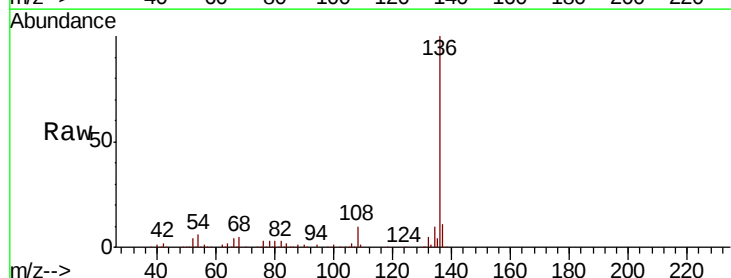
Instrument :
BNA_F
ClientSampleId :
M-10-D

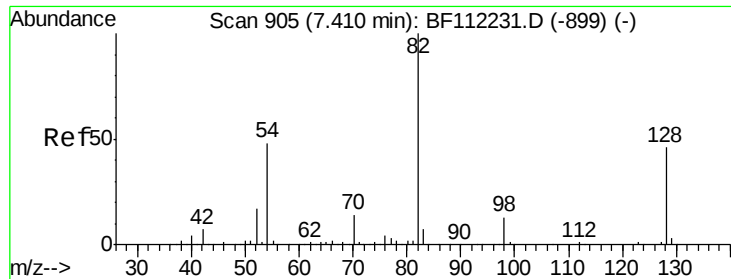
Tgt Ion: 70 Resp: 50783
Ion Ratio Lower Upper
70 100
42 45.9 47.6 71.4#
101 0.0 7.9 11.9#
130 2.4 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112509.D
Acq: 12 Feb 2019 13:53

Tgt Ion: 136 Resp: 339124
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.4 5.9 8.9
68 4.7 5.1 7.7#

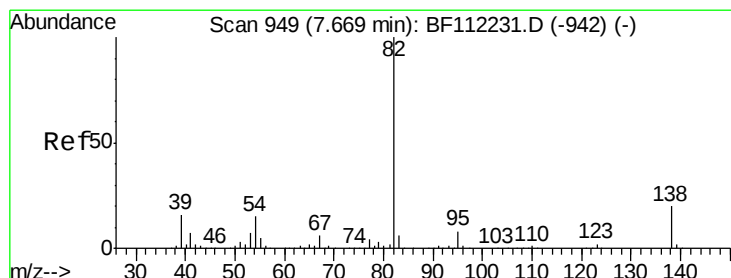
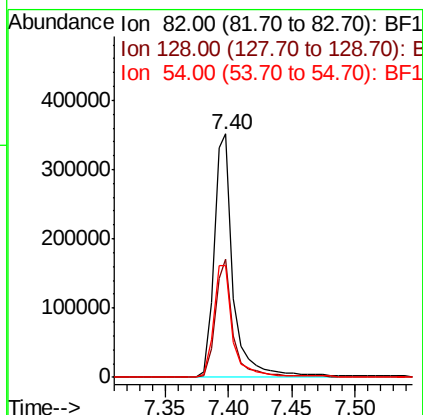
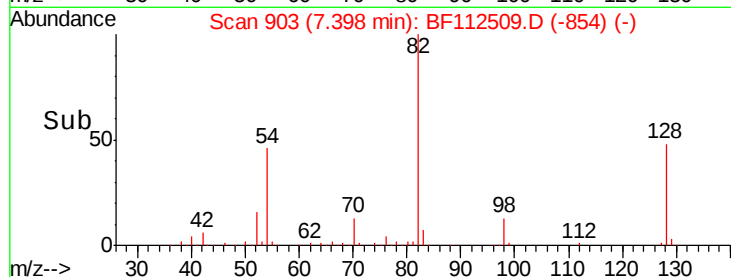
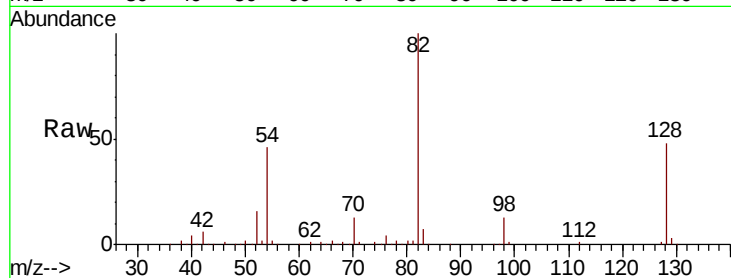




#23
 Nitrobenzene-d5
 Concen: 63.872 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112509.D
 Acq: 12 Feb 2019 13:53

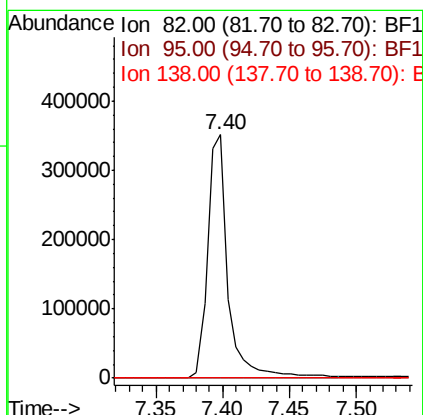
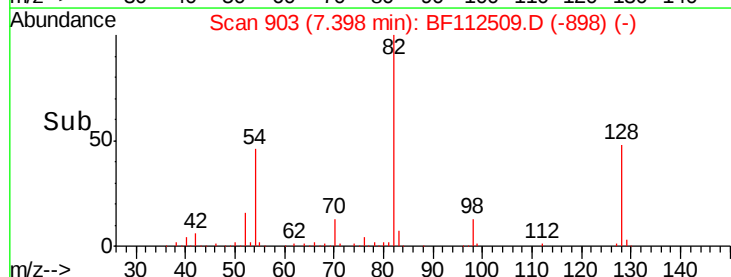
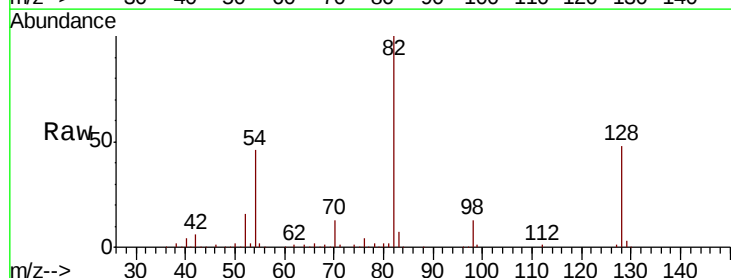
Instrument :
 BNA_F
 ClientSampleID :
 M-10-D

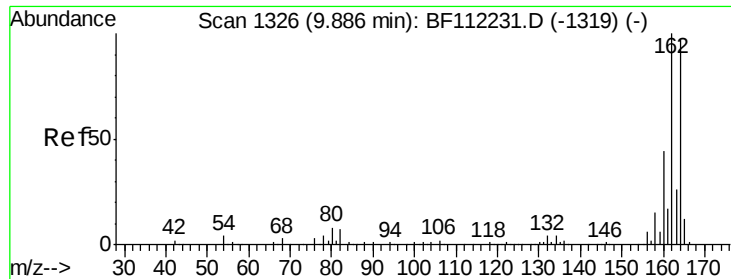
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.8	56.8
54	45.7	39.7	59.5



#25
 Isophorone
 Concen: 40.714 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112509.D
 Acq: 12 Feb 2019 13:53

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112509.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_F

ClientSampleId :

M-10-D

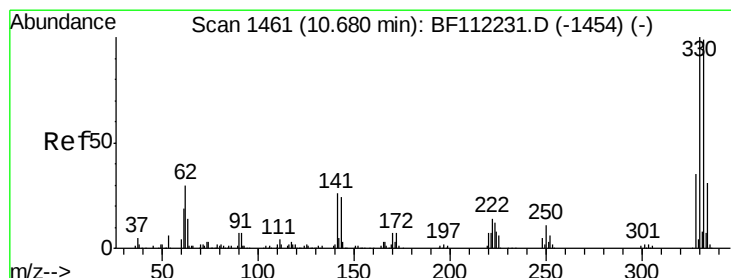
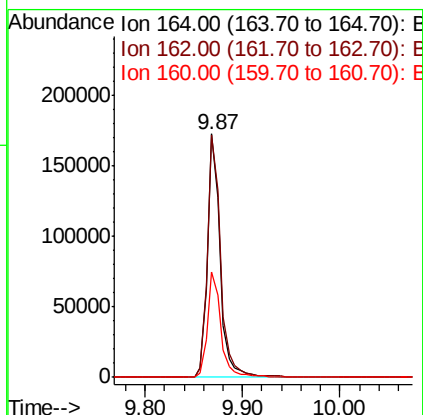
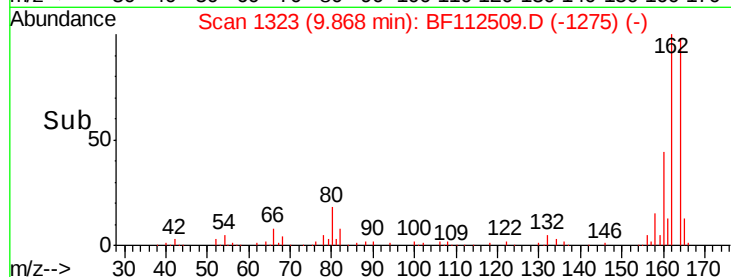
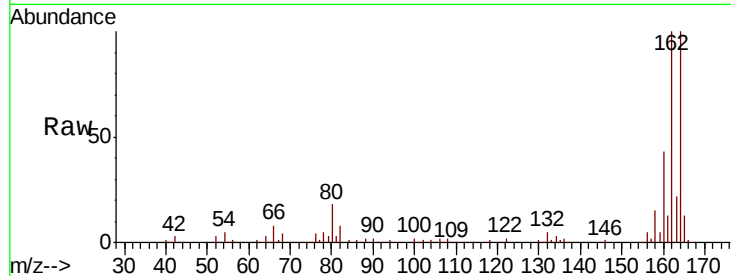
Tgt Ion:164 Resp: 156591

Ion Ratio Lower Upper

164 100

162 99.7 82.2 123.4

160 43.4 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 89.438 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112509.D

Acq: 12 Feb 2019 13:53

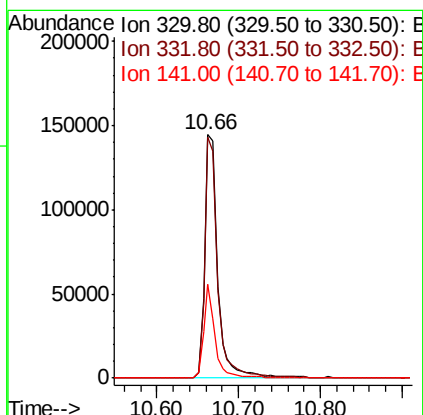
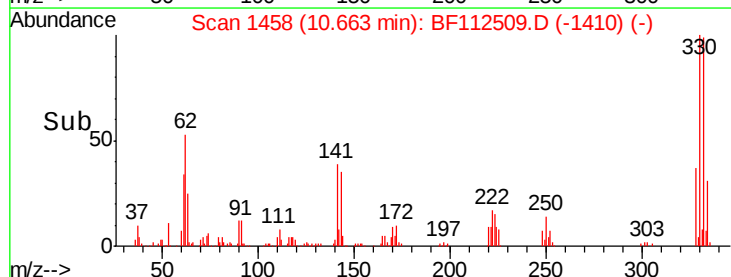
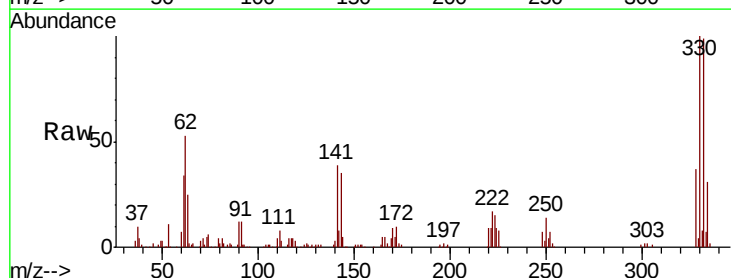
Tgt Ion:330 Resp: 163016

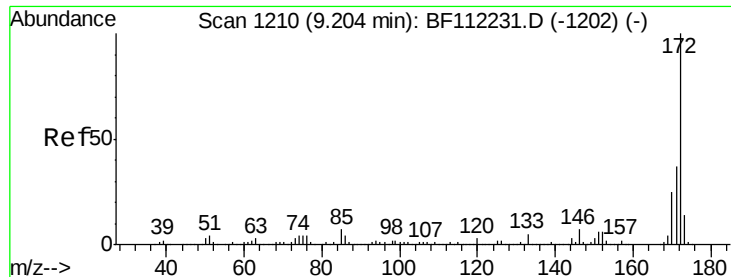
Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

141 33.3 24.3 36.5

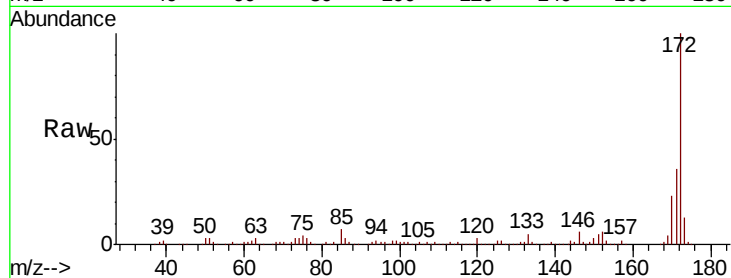




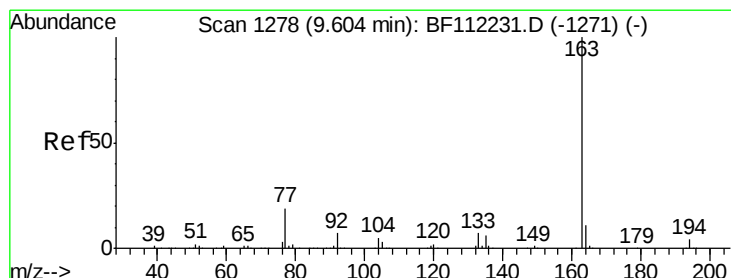
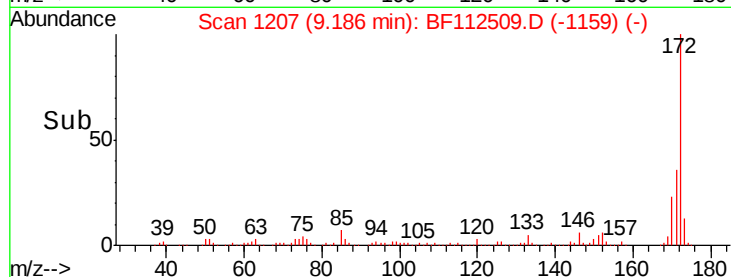
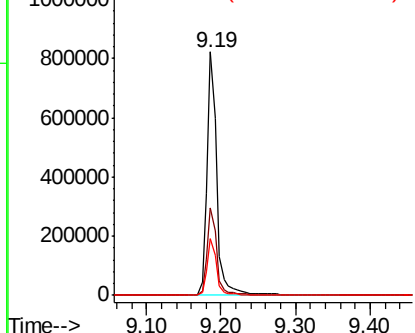
#45
 2-Fluorobiphenyl
 Concen: 68.639 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112509.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_F
 ClientSampleId :
 M-10-D

Tgt Ion:172 Resp: 759950
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.5 45.7
 170 23.3 20.2 30.4

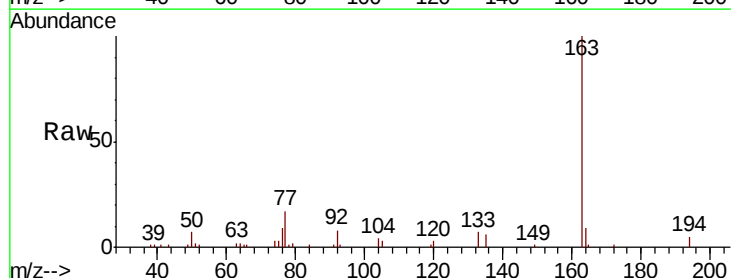


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

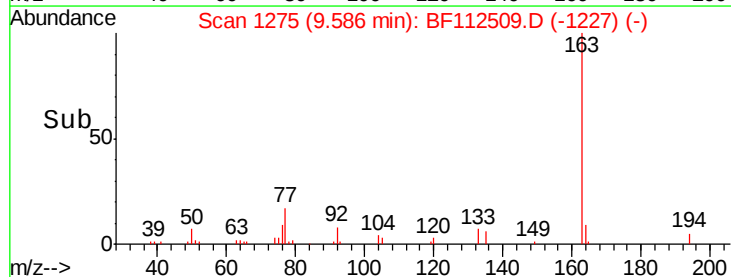
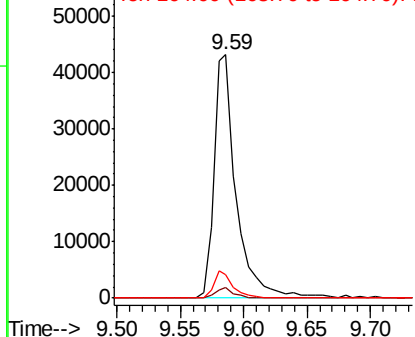


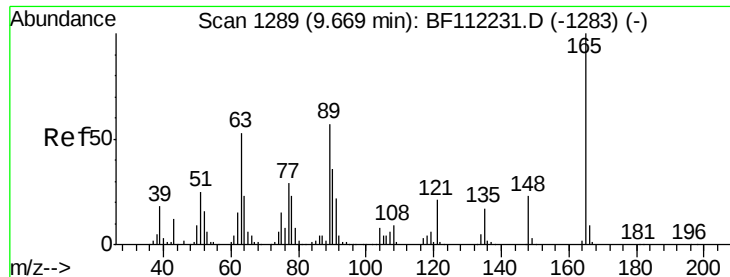
#50
 Dimethylphthalate
 Concen: 4.361 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF112509.D
 Acq: 12 Feb 2019 13:53

Tgt Ion:163 Resp: 53059
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.3 4.9
 164 9.4 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

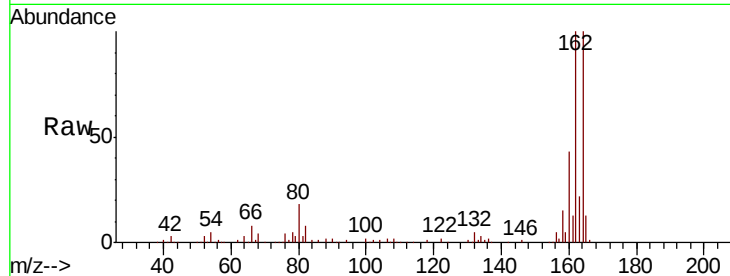




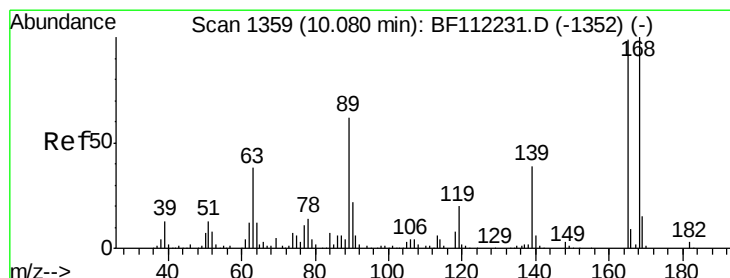
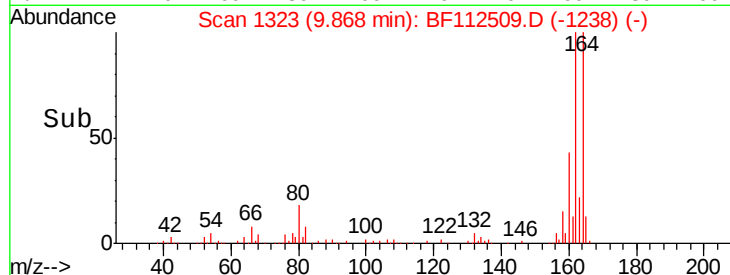
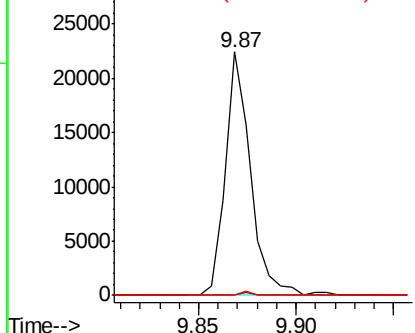
#51
 2,6-Dinitrotoluene
 Concen: 7.362 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112509.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_F
 ClientSampleId :
 M-10-D

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	0.0	36.9	55.3#



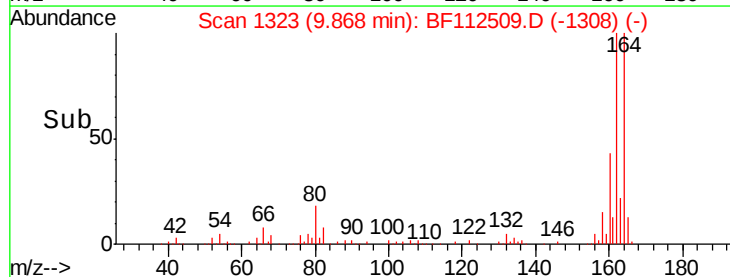
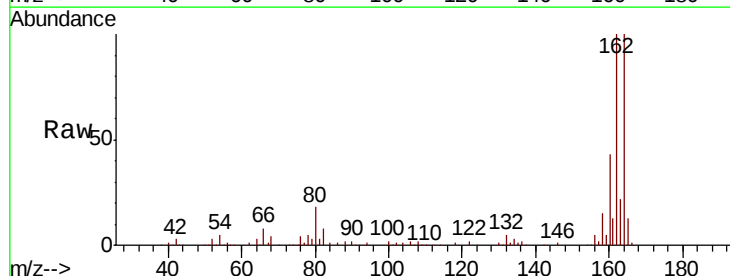
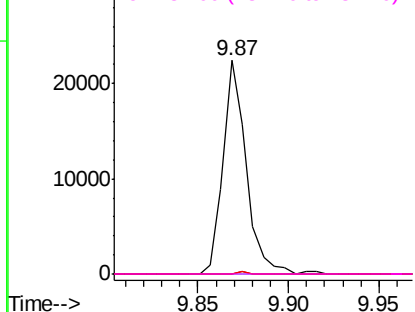
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

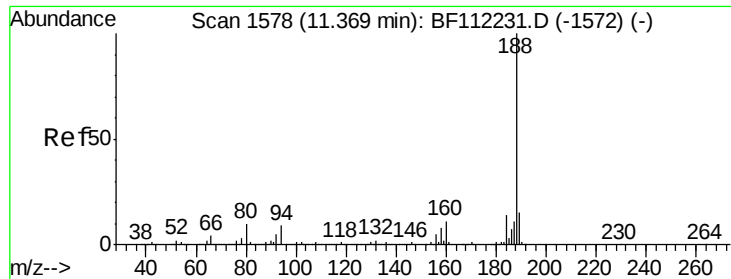


#57
 2,4-Dinitrotoluene
 Concen: 5.783 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112509.D
 Acq: 12 Feb 2019 13:53

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

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

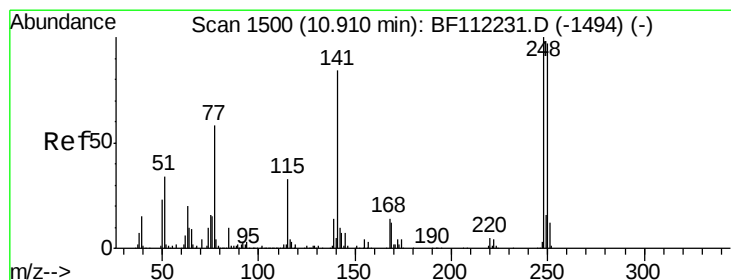
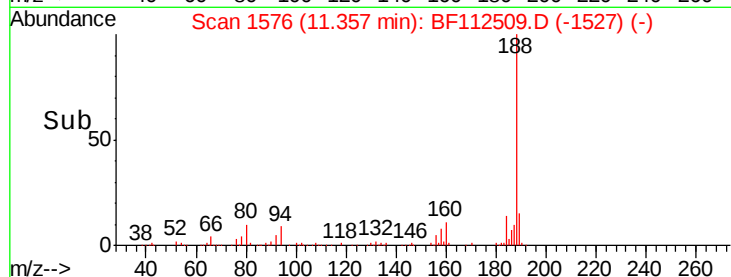
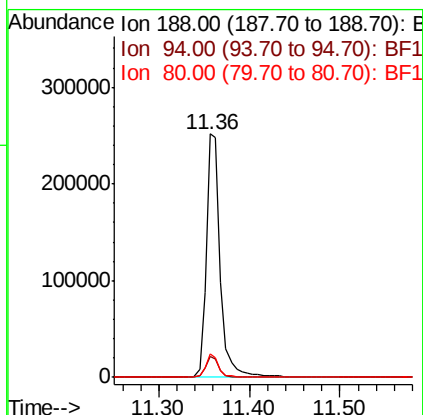
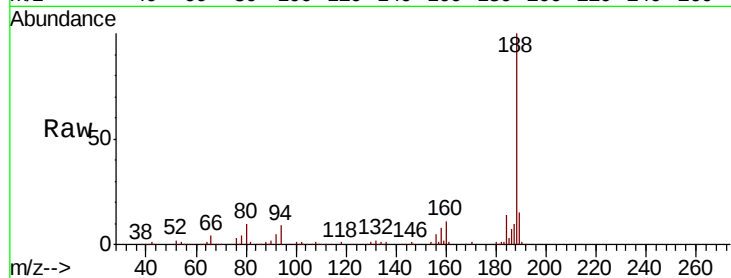




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112509.D
Acq: 12 Feb 2019 13:53

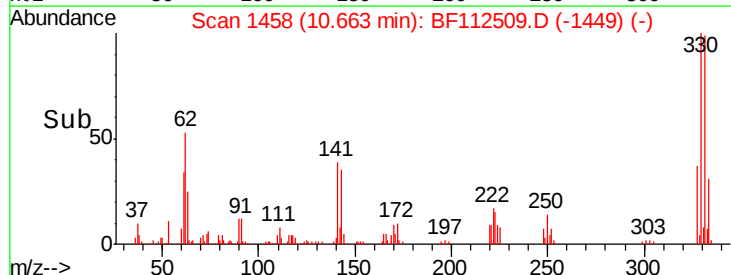
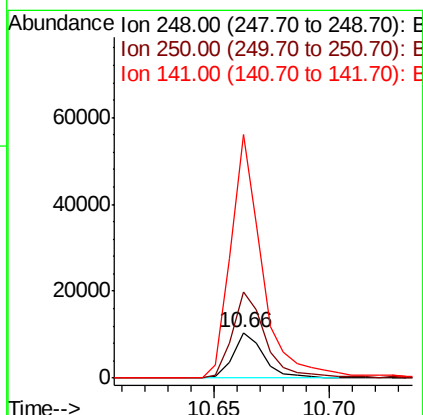
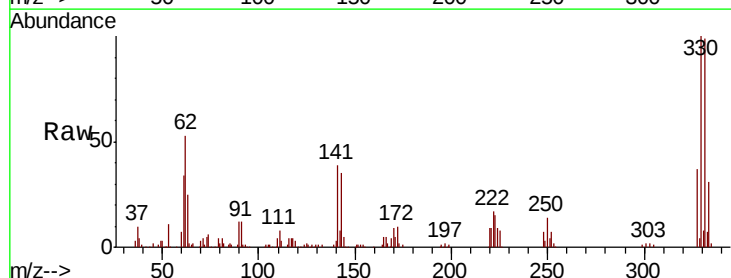
Instrument :
BNA_F
ClientSampleId :
M-10-D

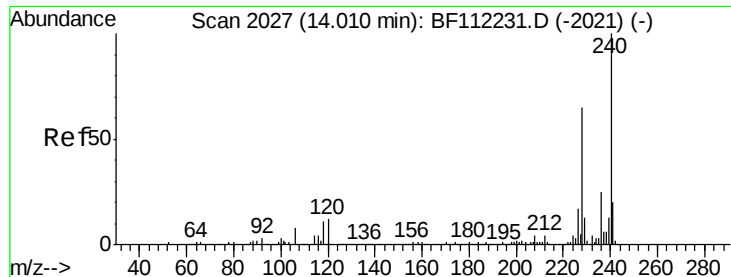
Tgt Ion:188 Resp: 273739
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.997 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112509.D
Acq: 12 Feb 2019 13:53

Tgt Ion:248 Resp: 9648
Ion Ratio Lower Upper
248 100
250 189.0 79.7 119.5#
141 533.3 60.3 90.5#

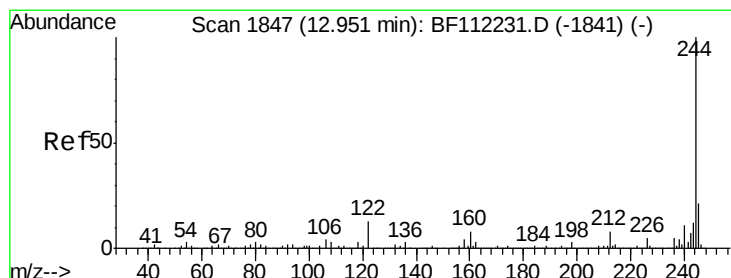
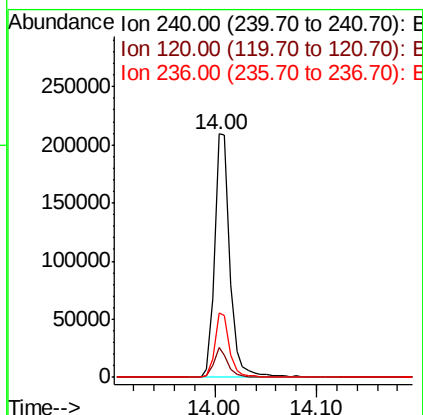
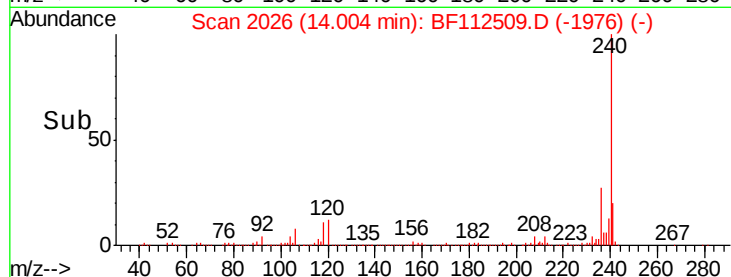
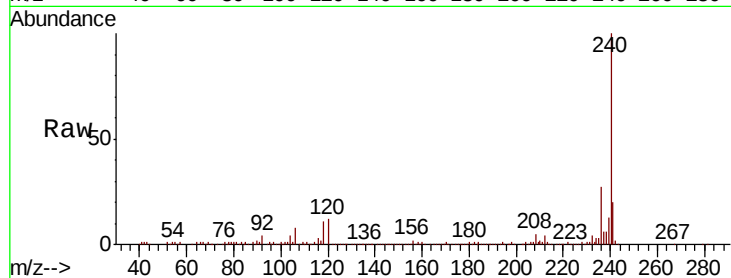




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112509.D
Acq: 12 Feb 2019 13:53

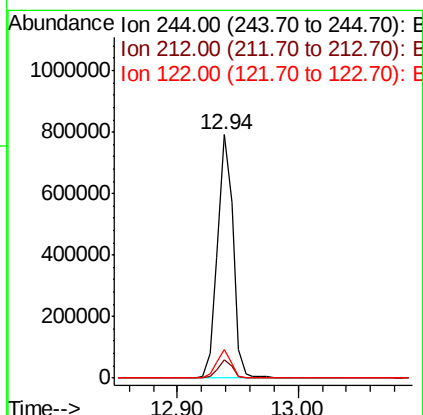
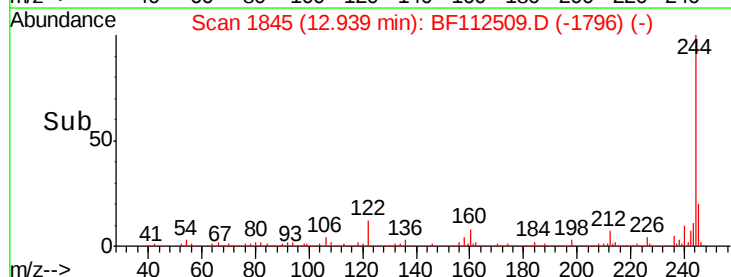
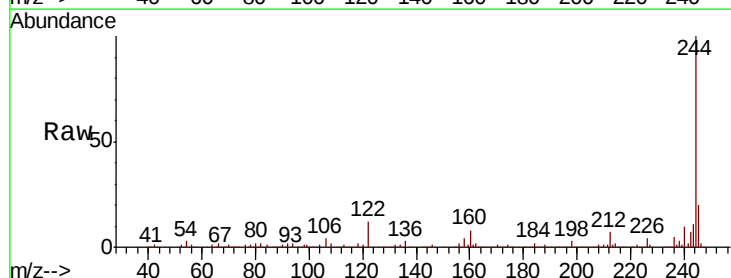
Instrument :
BNA_F
ClientSampleId :
M-10-D

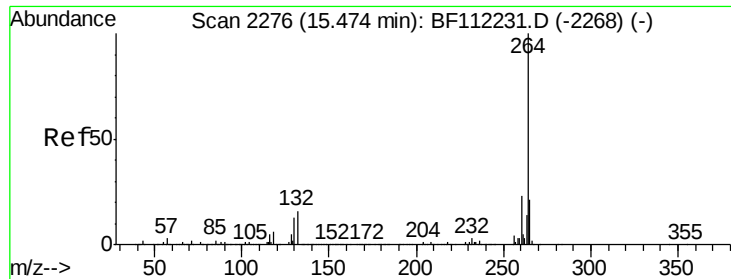
Tgt Ion:240 Resp: 221384
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 26.5 20.7 31.1



#79
Terphenyl-d14
Concen: 59.325 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112509.D
Acq: 12 Feb 2019 13:53

Tgt Ion:244 Resp: 697320
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.7 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF112509.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_F
ClientSampleId :
M-10-D

Tgt Ion: 264 Resp: 166313
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.2
265 21.1 17.0 25.4

