

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112448.D
 Acq On : 7 Feb 2019 19:49
 Operator : JU/SJ
 Sample : K1390-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-2)

Quant Time: Feb 09 03:14:35 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

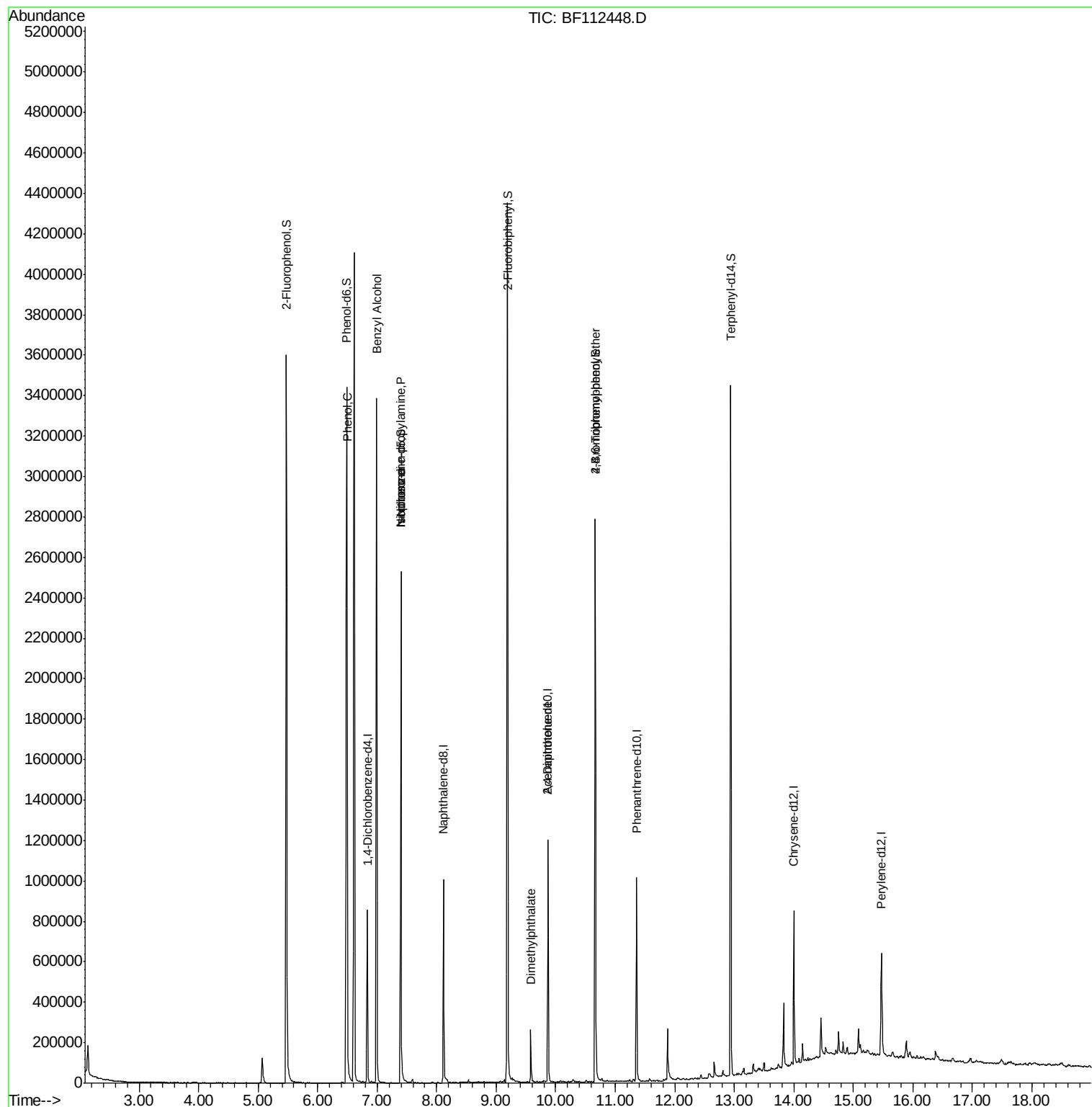
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	131965	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	506689	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	231689	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	381629	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	279851	20.00	ng	0.00
87) Perylene-d12	15.47	264	243966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1084231	174.51	ng	0.00
7) Phenol-d6	6.49	99	1368472	158.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	863005	98.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	351127	130.20	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1536652	93.80	ng	-0.01
79) Terphenyl-d14	12.94	244	1084308	72.98	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	43558	4.599	ng	86
15) Benzyl Alcohol	6.99	79	14859	2.042	ng	# 33
19) n-Nitroso-di-n-propylamine	7.40	70	115175	19.348	ng	# 75
25) Isophorone	7.40	82	863000	62.557	ng	# 63
50) Dimethylphthalate	9.58	163	107242	5.958	ng	98
57) 2,4-Dinitrotoluene	9.87	165	29852	5.816	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	21384	4.764	ng	# 1

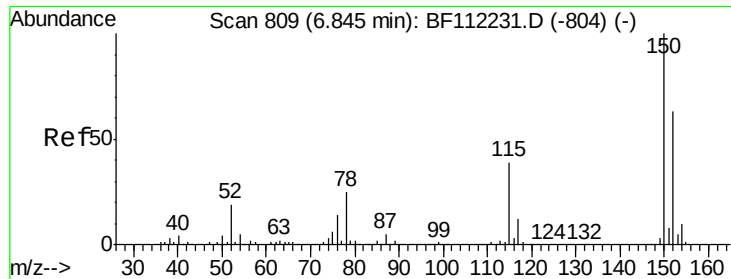
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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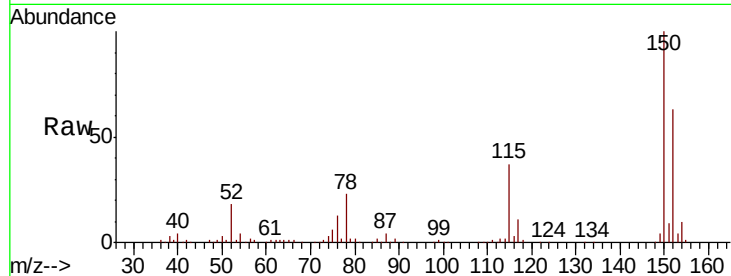


#1

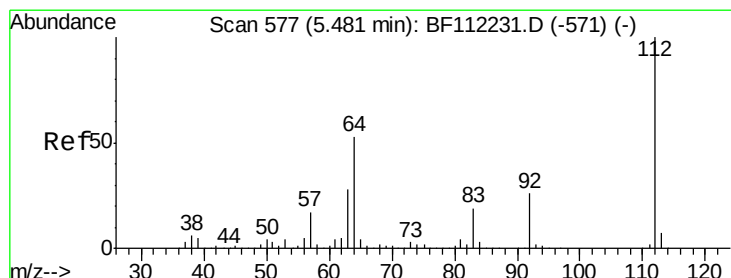
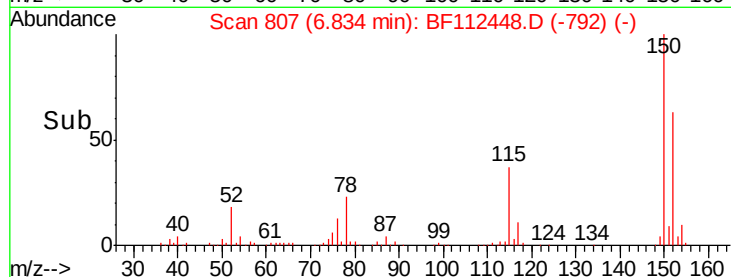
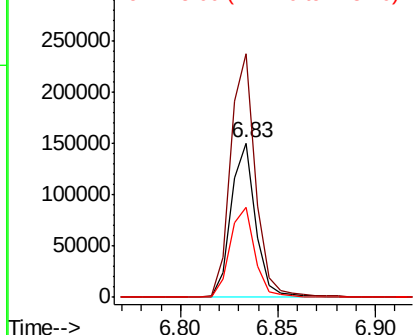
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

Instrument :
BNA_F
ClientSampleId :
SB-07(0-2)

Tot Ion:152 Resp: 131965
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 58.0 45.5 68.3



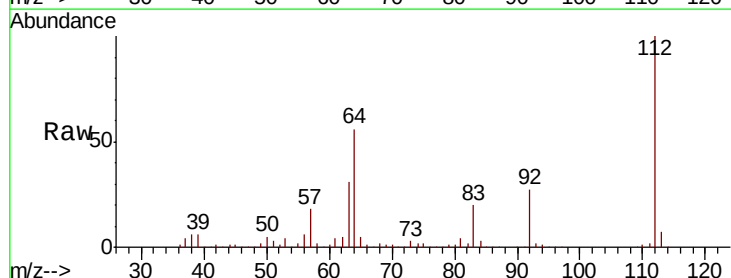
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



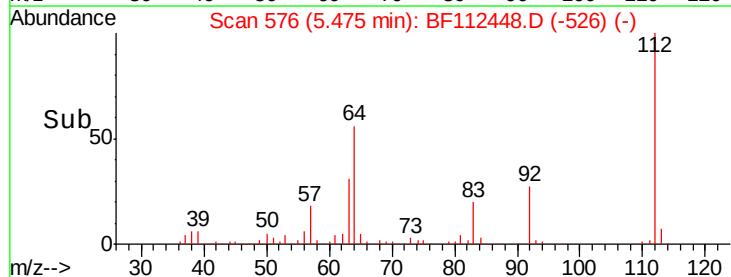
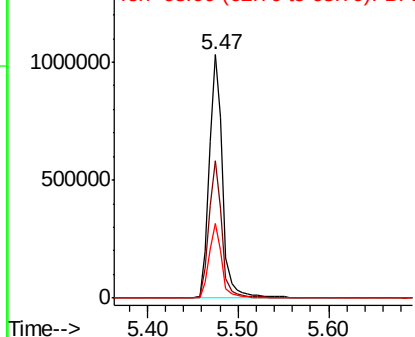
#5

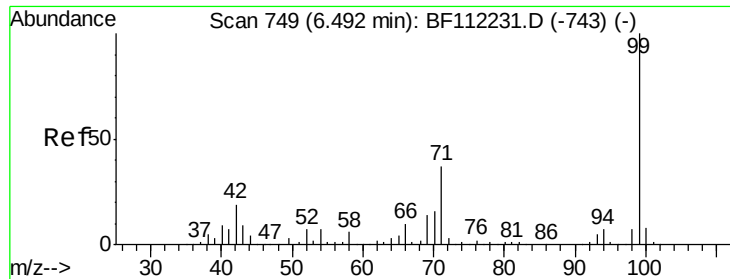
2-Fluorophenol
Concen: 174.514 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

Tgt Ion:112 Resp: 1084231
Ion Ratio Lower Upper
112 100
64 56.4 45.7 68.5
63 30.8 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: 158.515 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

Instrument :

BNA_F

ClientSampleId :

SB-07(0-2)

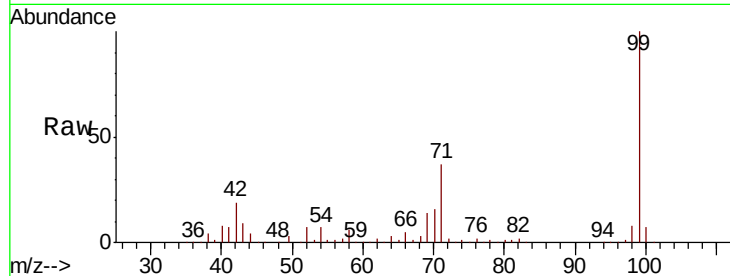
Tot Ion: 99 Resp: 1368472

Ion Ratio Lower Upper

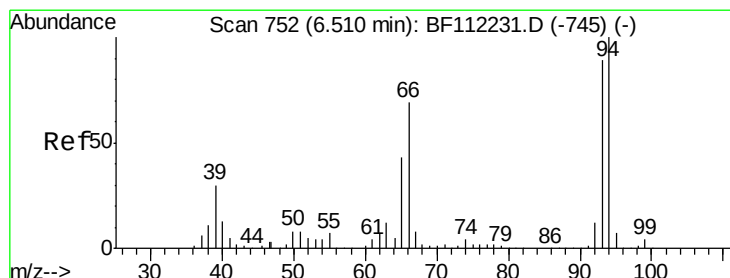
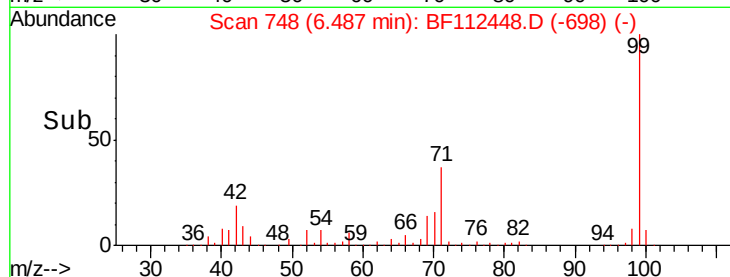
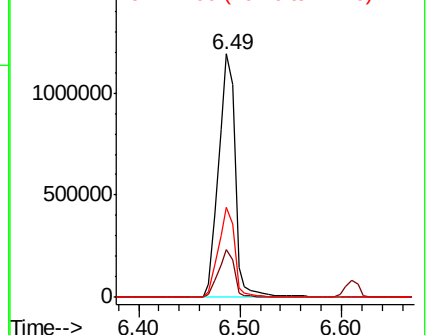
99 100

42 19.4 15.1 22.7

71 37.2 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: 4.599 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

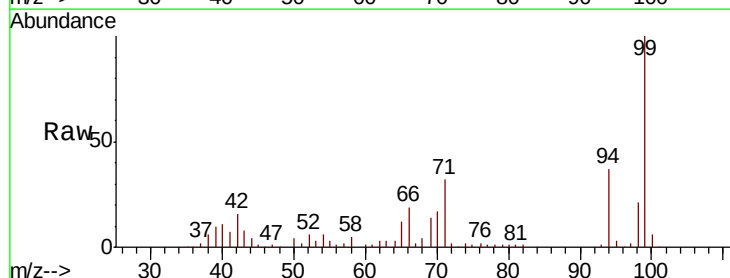
Tgt Ion: 94 Resp: 43558

Ion Ratio Lower Upper

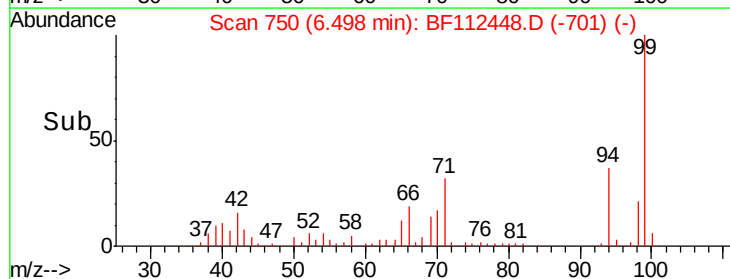
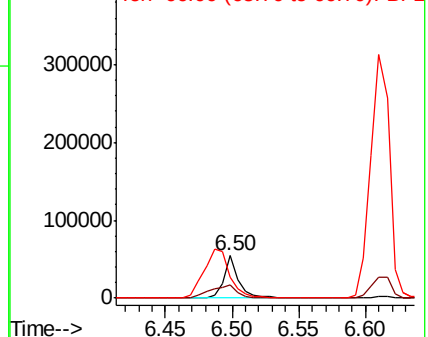
94 100

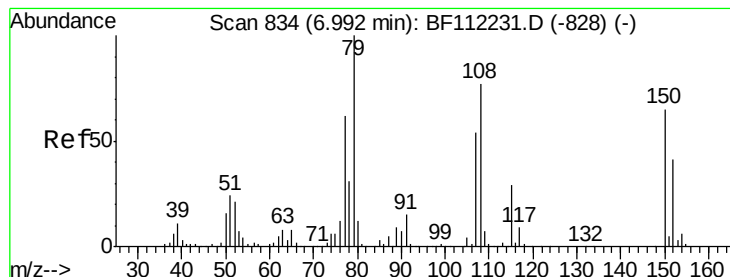
65 32.3 20.3 60.3

66 50.6 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





#15

Benzyl Alcohol

Concen: 2.042 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

Instrument :

BNA_F

ClientSampleId :

SB-07(0-2)

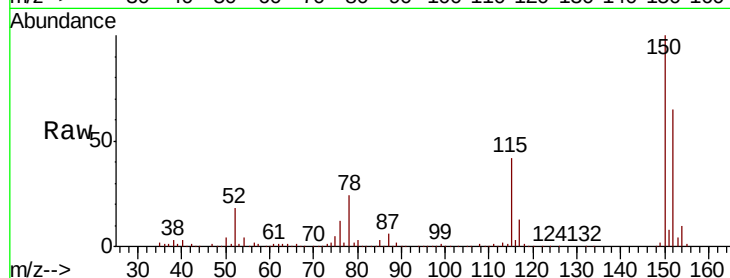
Tot Ion: 79 Resp: 14859

Ion Ratio Lower Upper

79 100

108 32.5 64.2 96.2#

77 127.0 50.3 75.5#

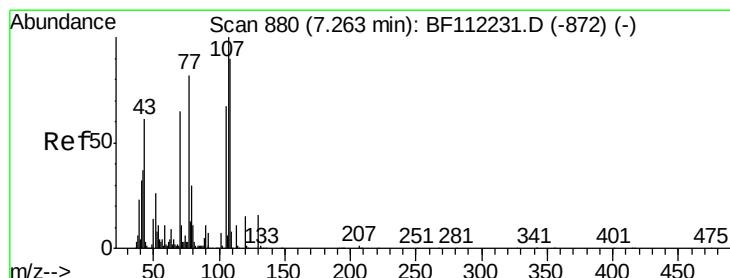
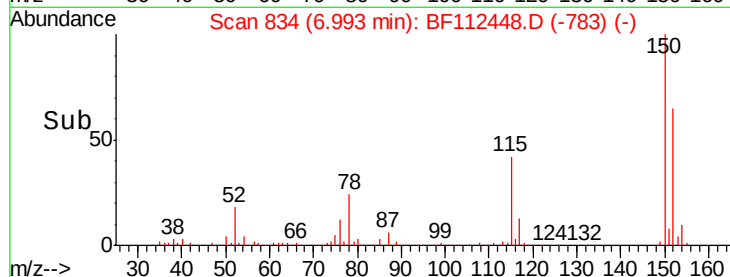
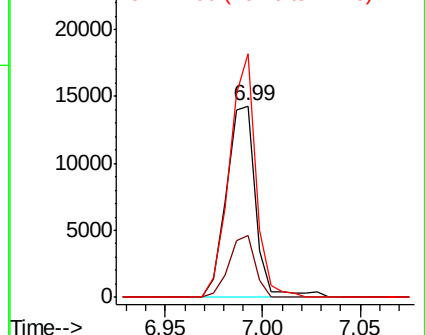


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 19.348 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

Tgt Ion: 70 Resp: 115175

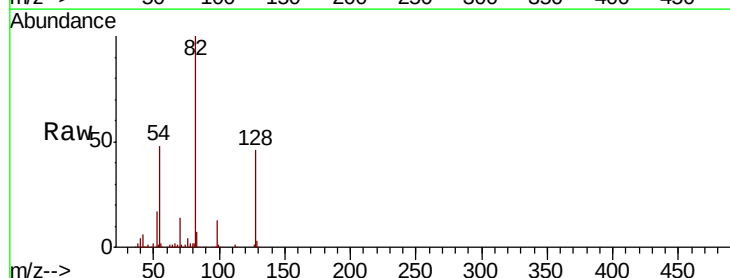
Ion Ratio Lower Upper

70 100

42 46.3 47.6 71.4#

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#



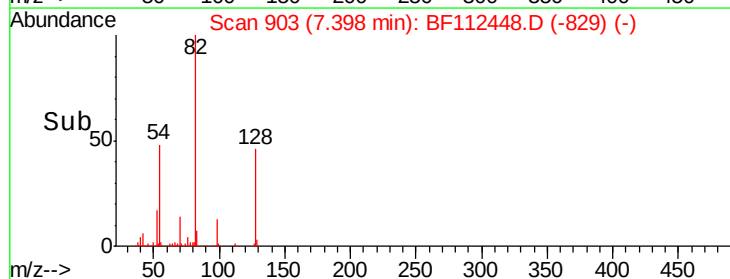
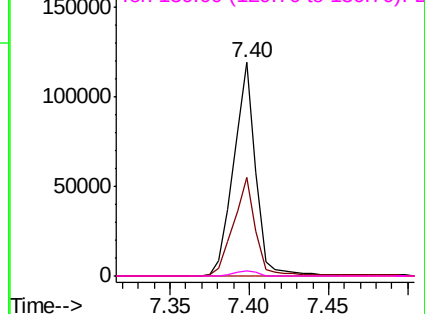
Abundance

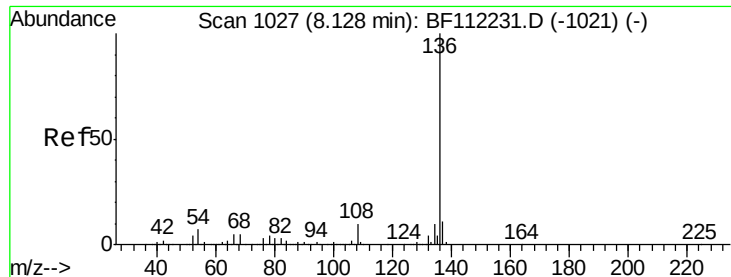
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

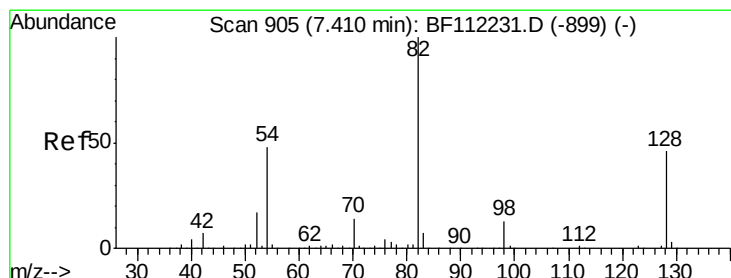
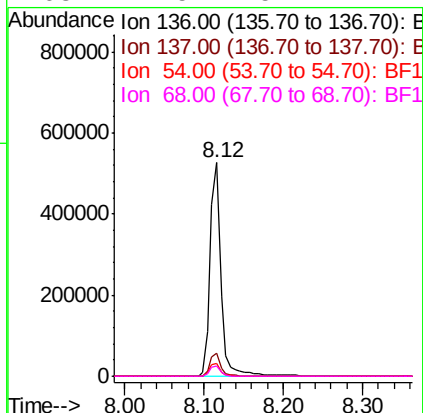
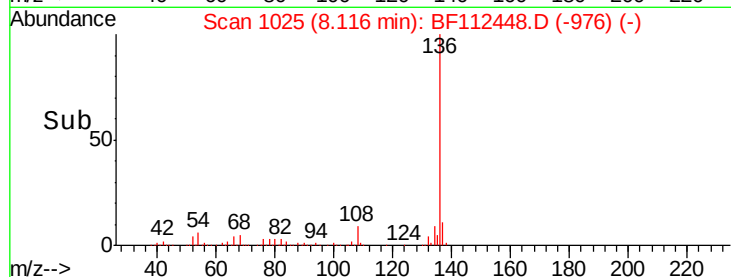
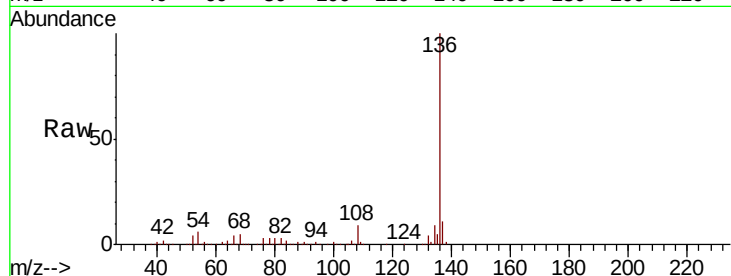




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

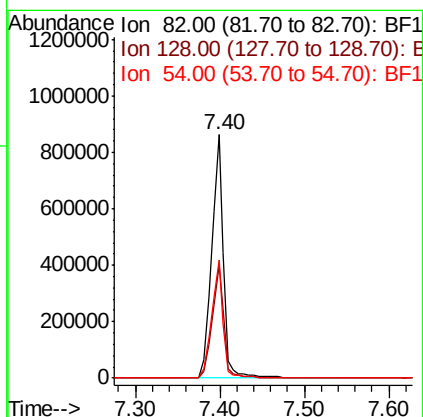
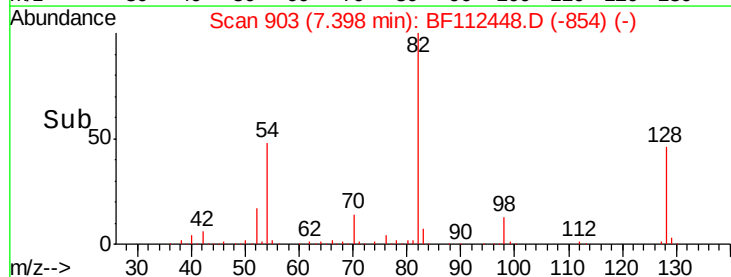
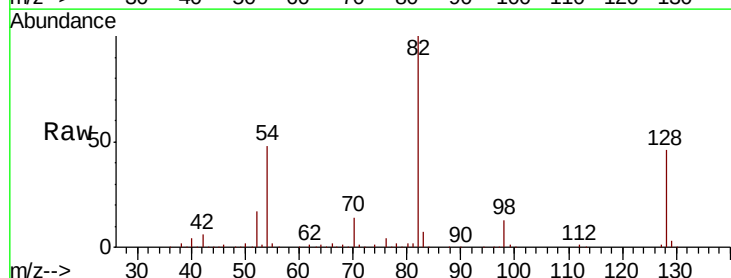
Instrument :
BNA_F
ClientSampleId :
SB-07(0-2)

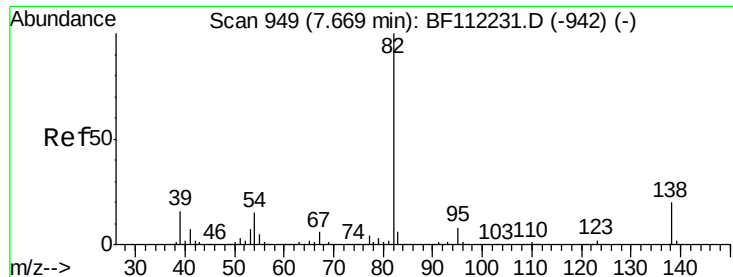
Tot Ion:136	Resp:	506689
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.1 13.7
54	6.0	5.9 8.9
68	4.5	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 98.139 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

Tgt Ion: 82	Resp:	863005
Ion	Ratio	Lower Upper
82	100	
128	46.3	37.8 56.8
54	48.4	39.7 59.5





#25

Isophorone

Concen: 62.557 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

Instrument :

BNA_F

ClientSampleId :

SB-07(0-2)

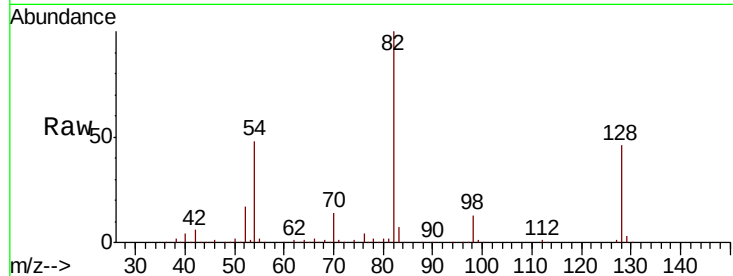
Tot Ion: 82 Resp: 863000

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

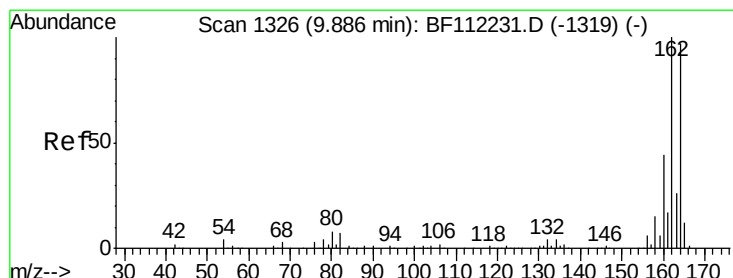
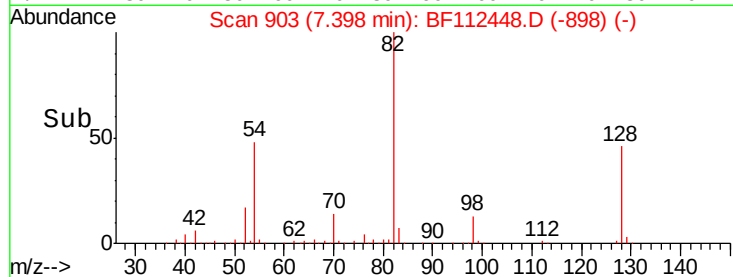
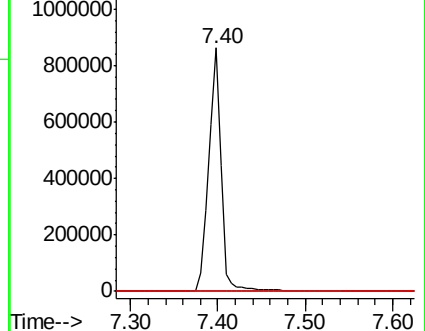
138 0.0 15.4 23.0#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

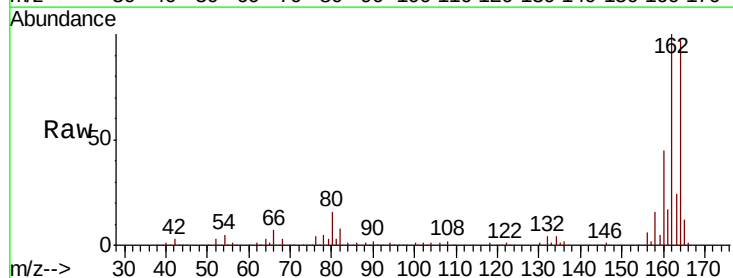
Tgt Ion: 164 Resp: 231689

Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.4

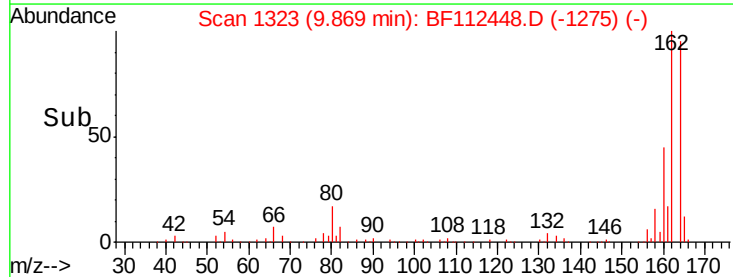
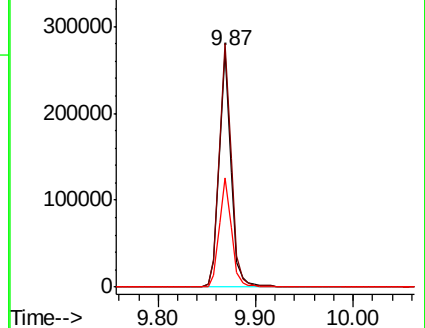
160 46.2 36.2 54.4

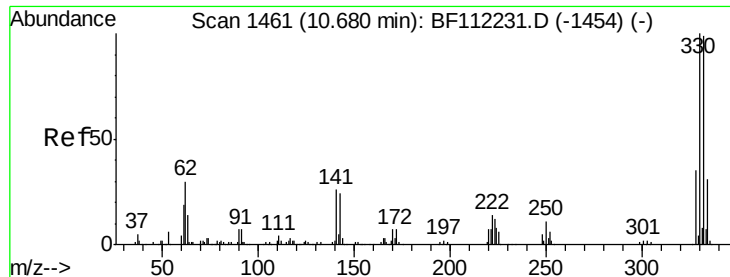


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 130.202 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

Instrument :

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ClientSampleId :

SB-07(0-2)

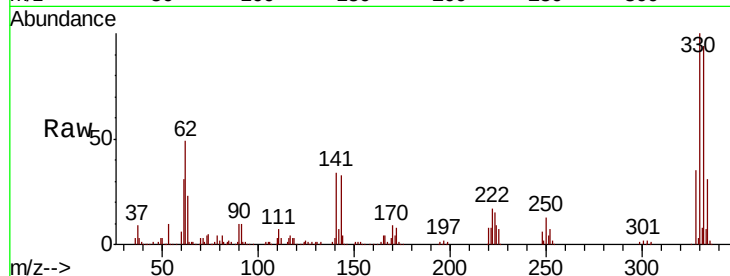
Tot Ion:330 Resp: 351127

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

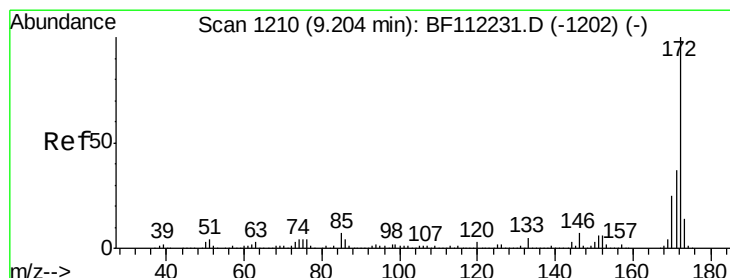
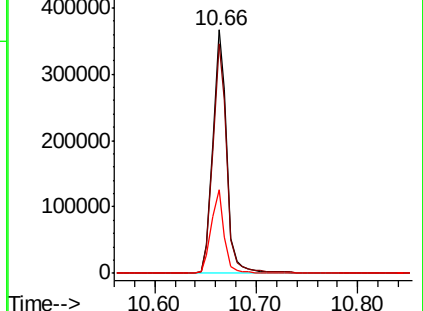
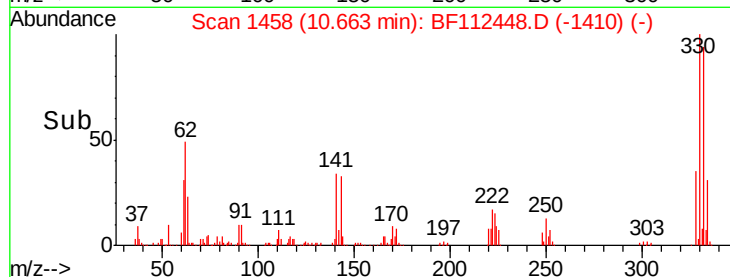
141 32.6 24.3 36.5



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: 93.804 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

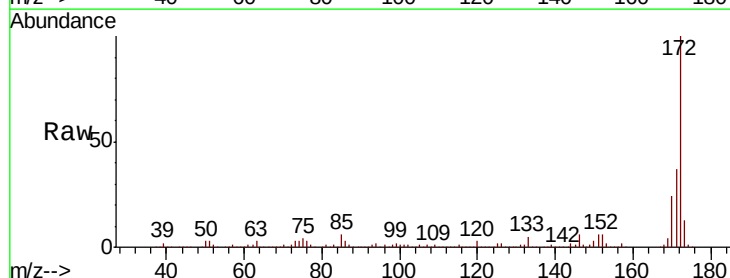
Tgt Ion:172 Resp: 1536652

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

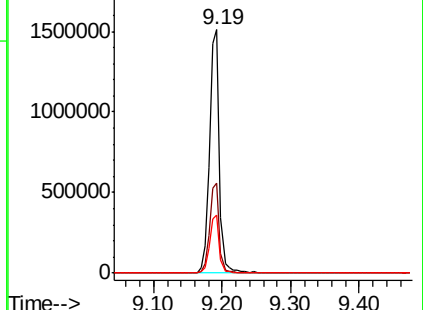
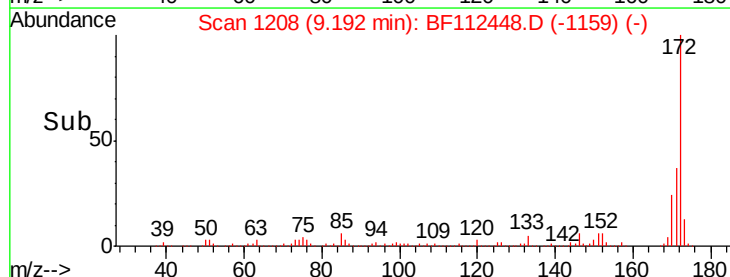
170 24.1 20.2 30.4

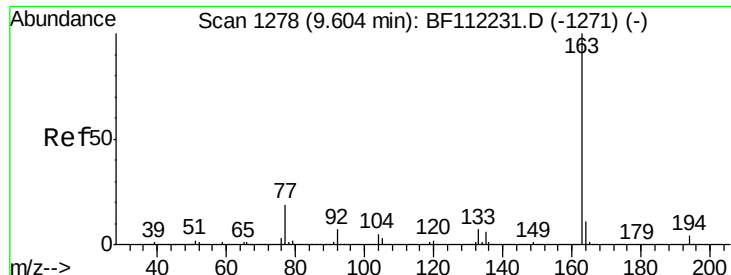


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

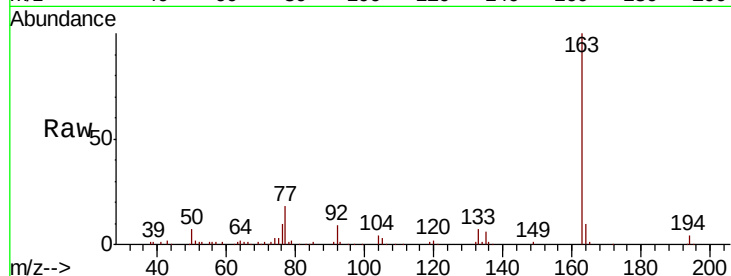




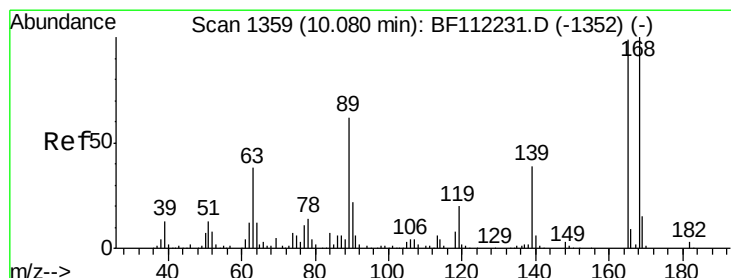
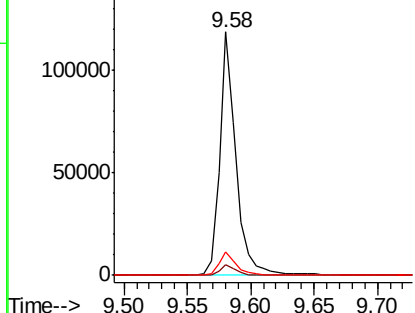
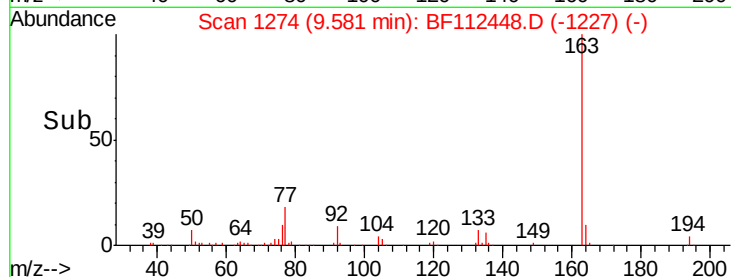
#50
Dimethylphthalate
Concen: 5.958 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

Instrument :
BNA_F
ClientSampleId :
SB-07(0-2)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.7	8.5	12.7

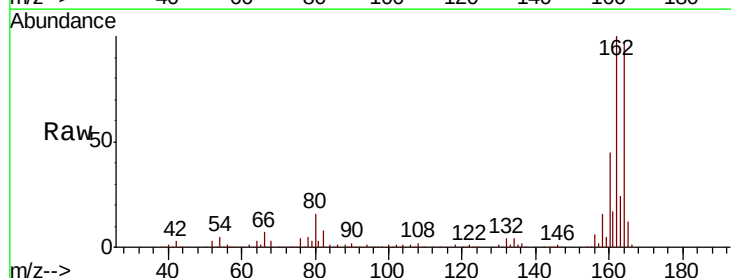


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

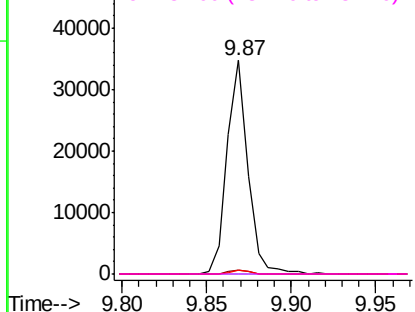
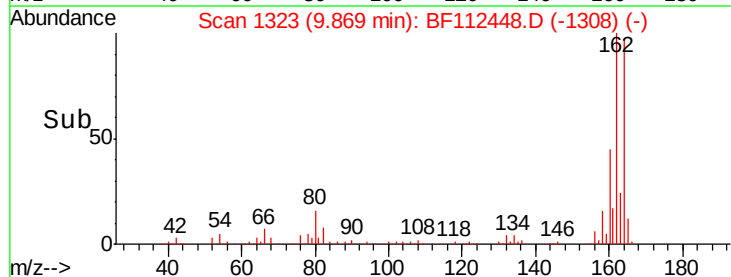


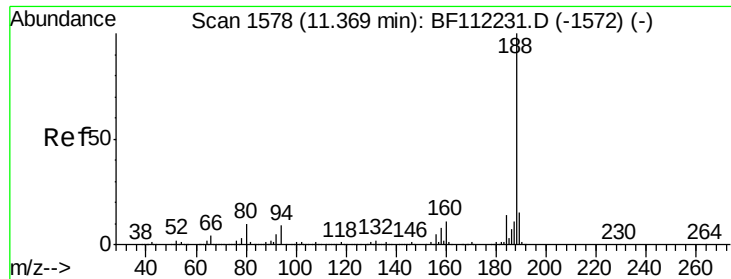
#57
2,4-Dinitrotoluene
Concen: 5.816 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.9	41.9#
89	1.7	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: BF112448.D

Acq: 7 Feb 2019 19:49

Instrument :

BNA_F

ClientSampleId :

SB-07(0-2)

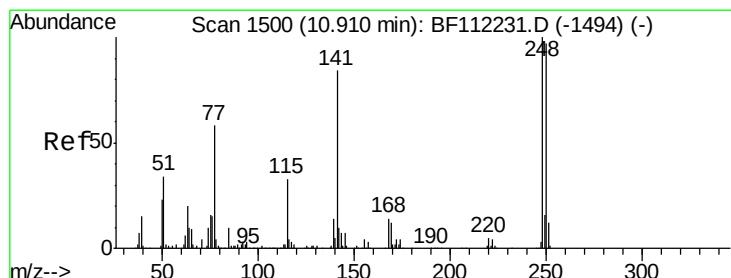
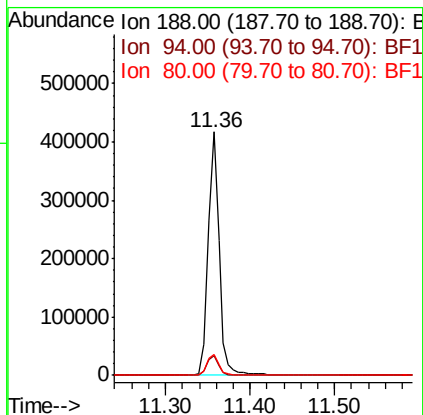
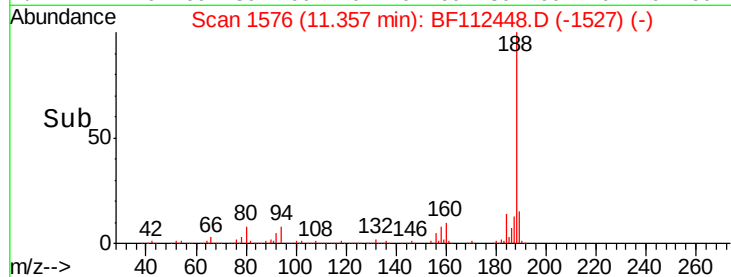
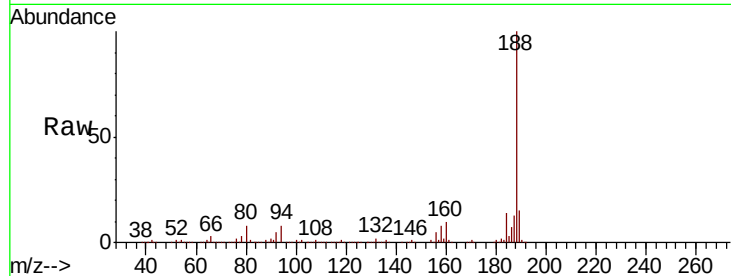
Tot Ion:188 Resp: 381629

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.2#

80 8.5 8.9 13.3#



#67

4-Bromophenyl-phenylether

Concen: 4.764 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

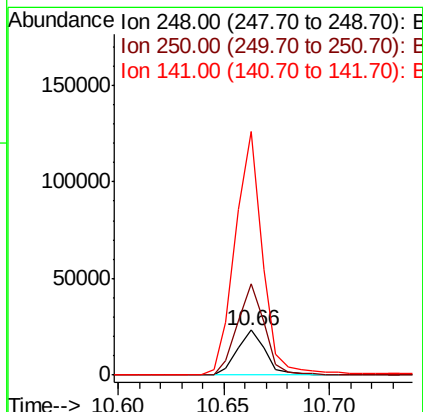
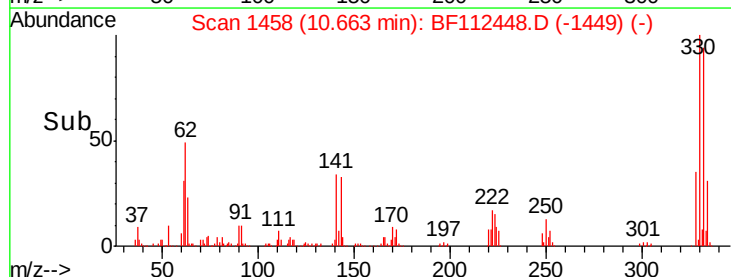
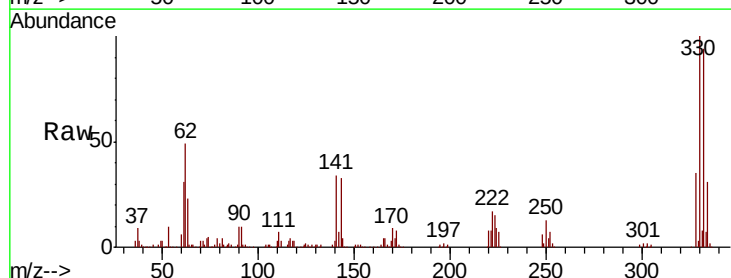
Tgt Ion:248 Resp: 21384

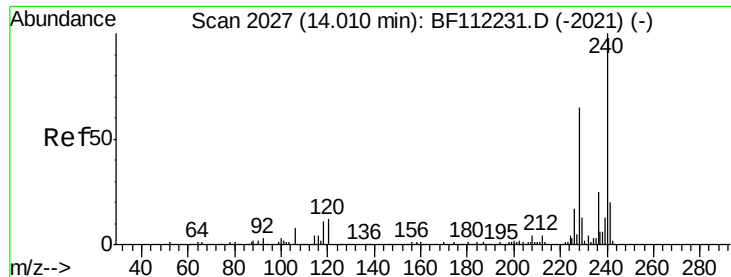
Ion Ratio Lower Upper

248 100

250 202.1 79.7 119.5#

141 539.9 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: BF112448.D

Acq: 7 Feb 2019 19:49

Instrument :

BNA_F

ClientSampleId :

SB-07(0-2)

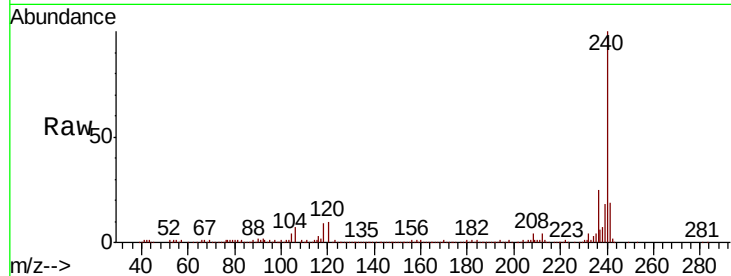
Tot Ion:240 Resp: 279851

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.6

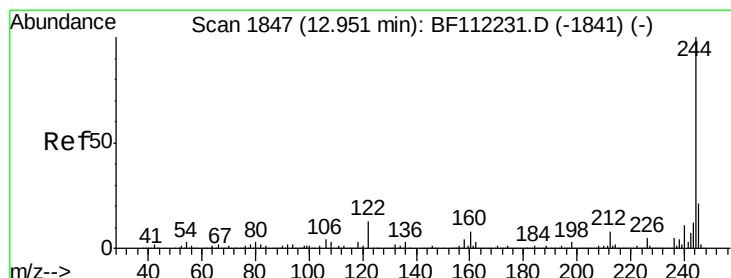
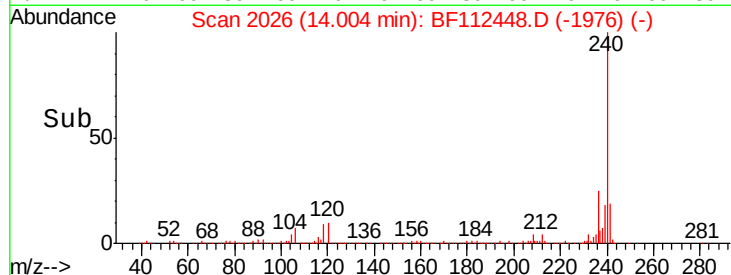
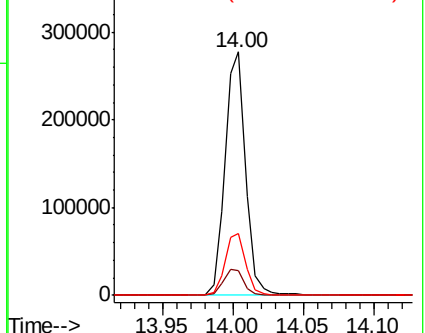
236 25.2 20.7 31.1



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



#79

Terphenyl-d14

Concen: 72.976 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

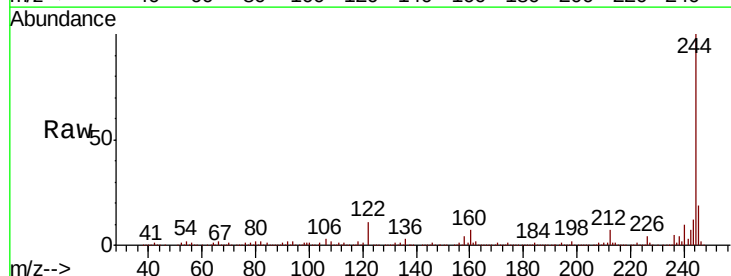
Tgt Ion:244 Resp: 1084308

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

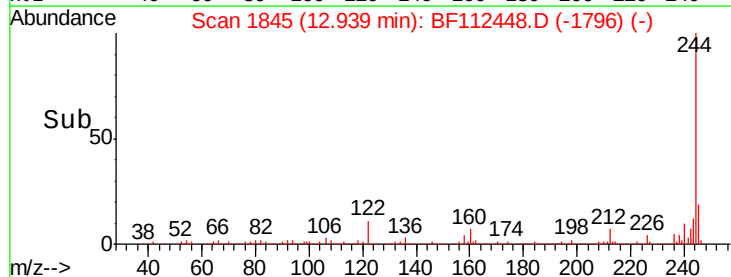
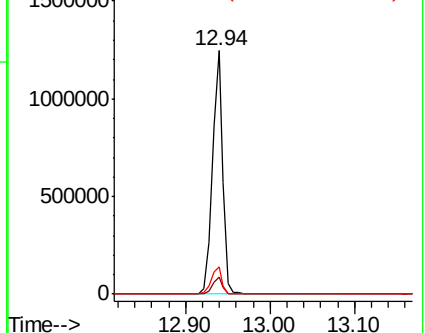
122 11.1 9.8 14.6

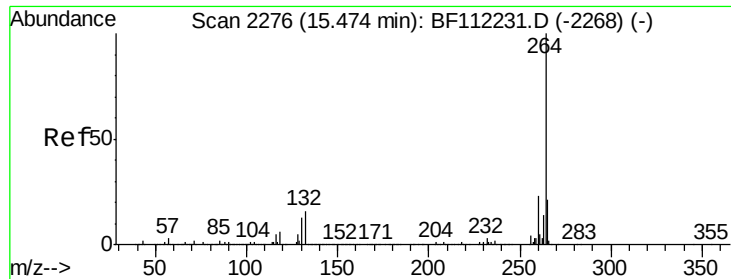


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

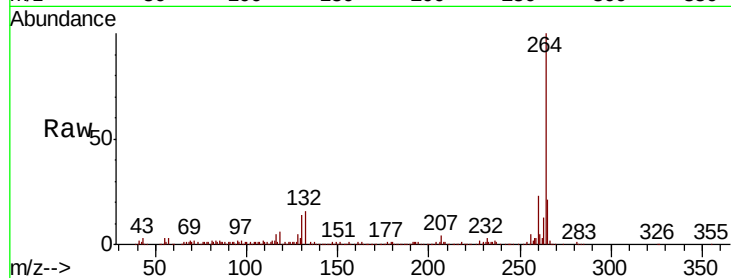




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

Instrument :
BNA_F
ClientSampleId :
SB-07(0-2)

Tot Ion:	264	Resp:	243966
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.5	17.0	25.4



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

