

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020519\
 Data File : BF112408.D
 Acq On : 5 Feb 2019 20:54
 Operator : JU/SJ
 Sample : K1346-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-B

Quant Time: Feb 05 22:30:51 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

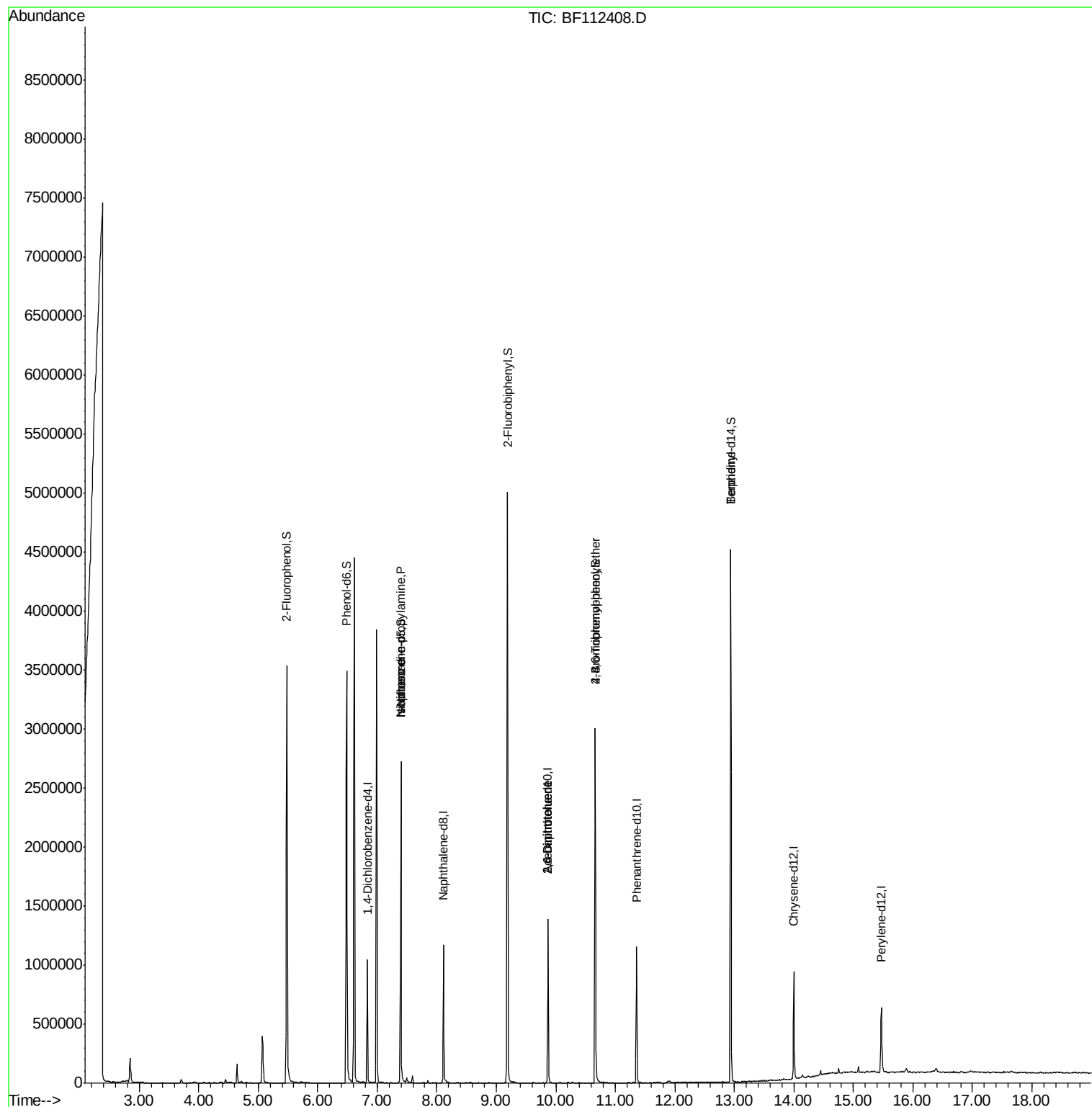
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	156011	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	569438	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	258389	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	434344	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	322901	20.00	ng	-0.01
87) Perylene-d12	15.47	264	272600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1072939	146.08	ng	0.00
7) Phenol-d6	6.49	99	1226857	120.21	ng	0.00
23) Nitrobenzene-d5	7.40	82	899041	90.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	388628	129.22	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1750798	95.83	ng	-0.01
79) Terphenyl-d14	12.94	244	1517054	88.49	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	121497	17.264	ng	# 76
25) Isophorone	7.40	82	899028	57.987	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	33263	7.398	ng	# 35
57) 2,4-Dinitrotoluene	9.87	165	33263	5.811	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	23129	4.528	ng	# 1
77) Benzidine	12.94	184	20146	2.267	ng	94

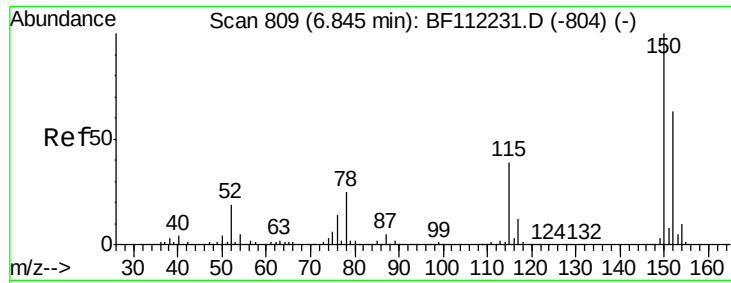
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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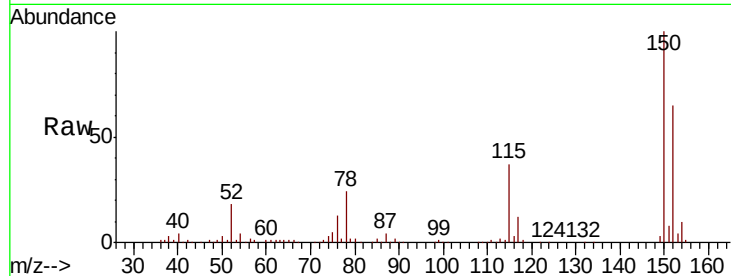


#1

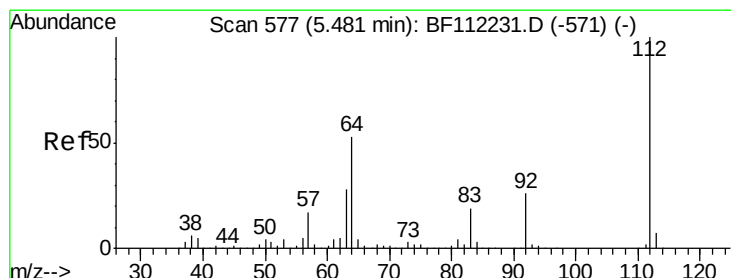
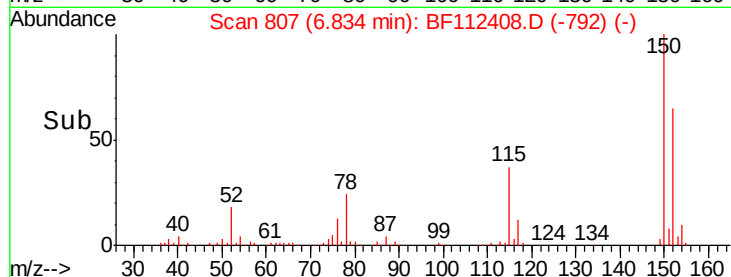
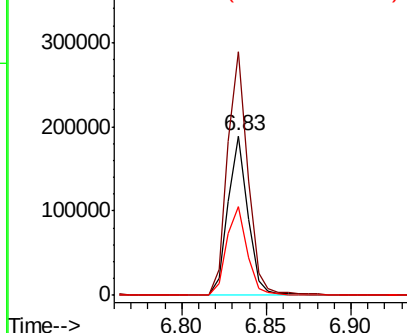
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112408.D
Acq: 5 Feb 2019 20:54

Instrument :
BNA_F
ClientSampleId :
CL-02-020419-B

Tgt Ion:152 Resp: 156011
Ion Ratio Lower Upper
152 100
150 152.9 127.4 191.0
115 56.0 45.5 68.3



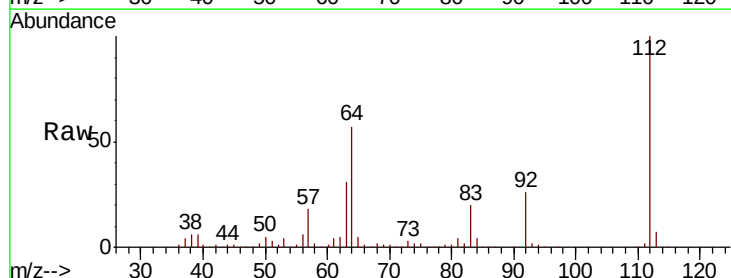
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



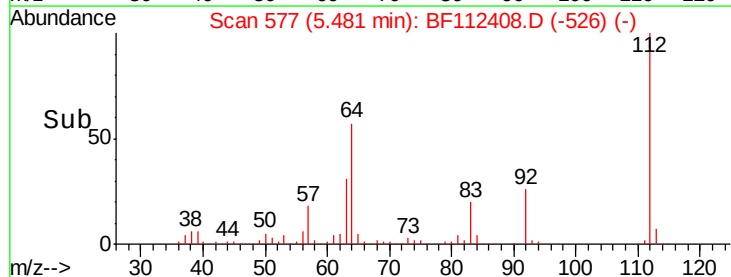
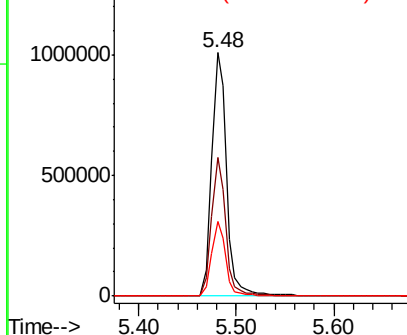
#5

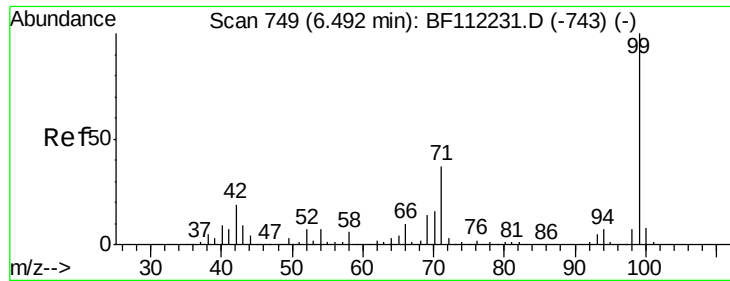
2-Fluorophenol
Concen: 146.079 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112408.D
Acq: 5 Feb 2019 20:54

Tgt Ion:112 Resp: 1072939
Ion Ratio Lower Upper
112 100
64 57.0 45.7 68.5
63 30.7 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: 120.208 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112408.D

Acq: 5 Feb 2019 20:54

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-B

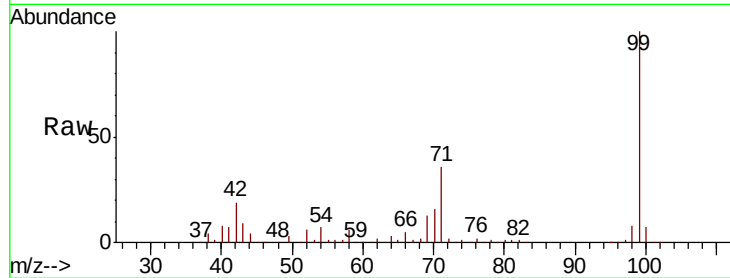
Tgt Ion: 99 Resp: 1226857

Ion Ratio Lower Upper

99 100

42 19.2 15.1 22.7

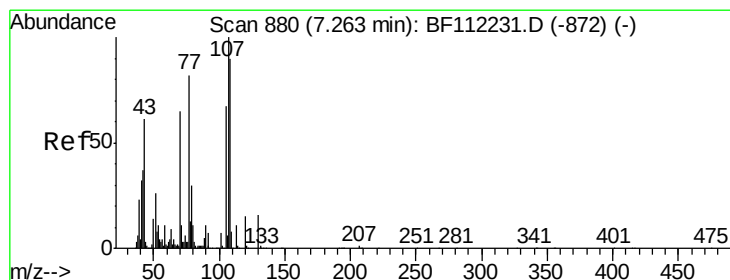
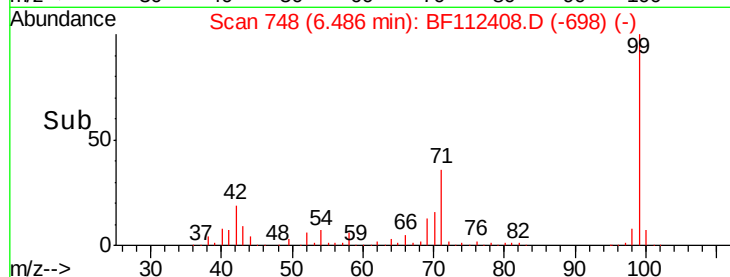
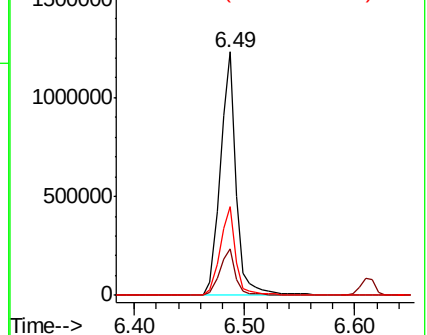
71 36.3 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.264 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112408.D

Acq: 5 Feb 2019 20:54

Tgt Ion: 70 Resp: 121497

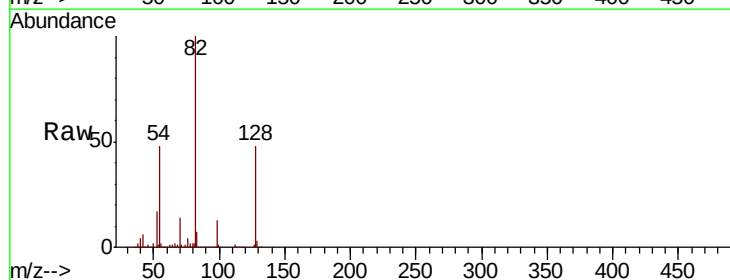
Ion Ratio Lower Upper

70 100

42 46.8 47.6 71.4#

101 0.0 7.9 11.9#

130 2.3 18.4 27.6#

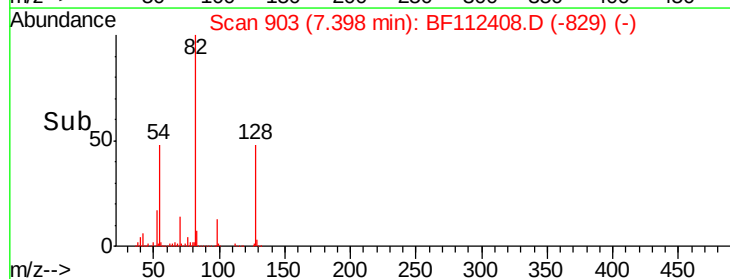
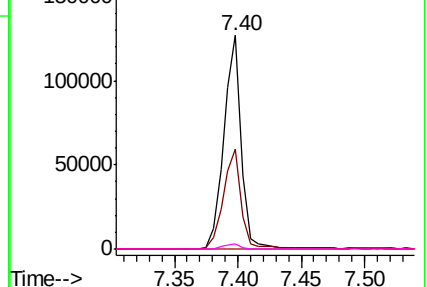


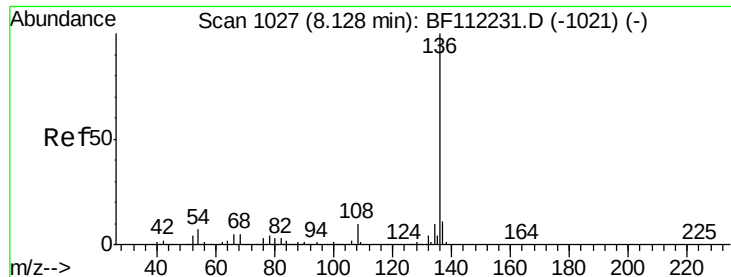
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

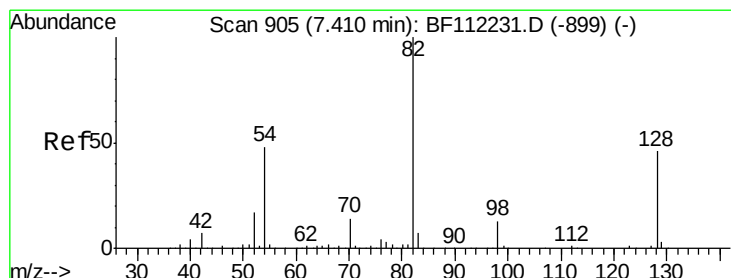
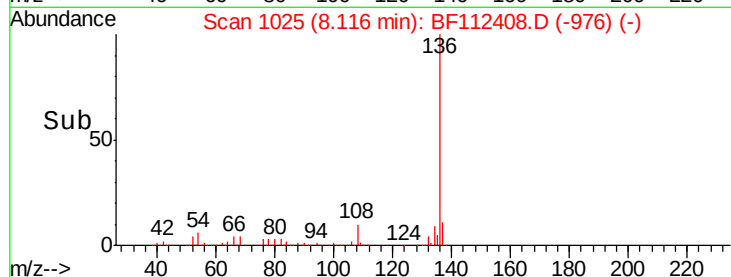
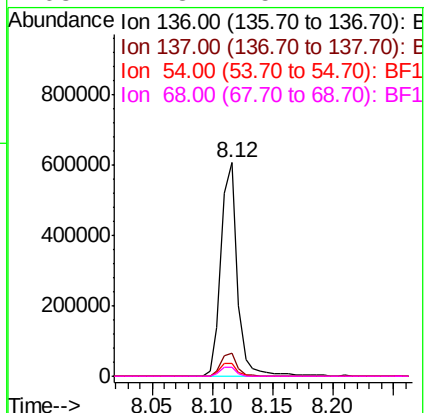
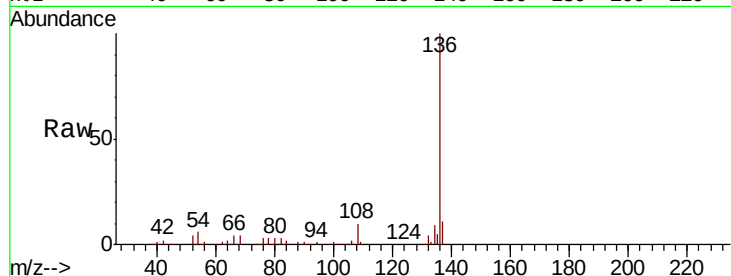




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112408.D
Acq: 5 Feb 2019 20:54

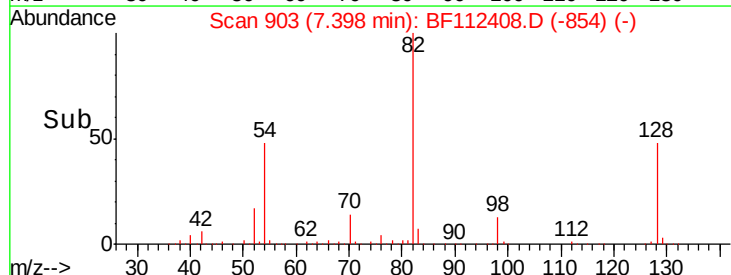
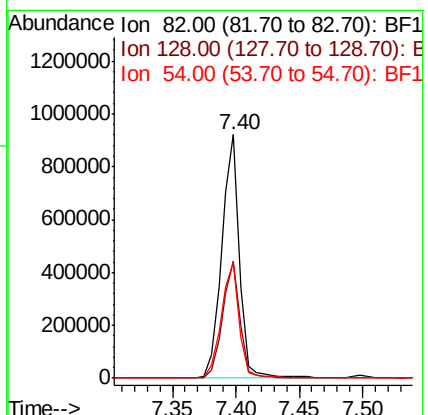
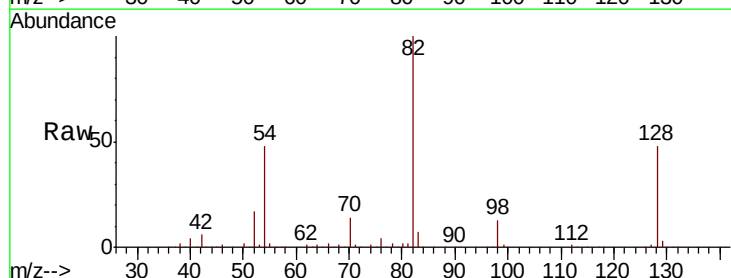
Instrument :
BNA_F
ClientSampleId :
CL-02-020419-B

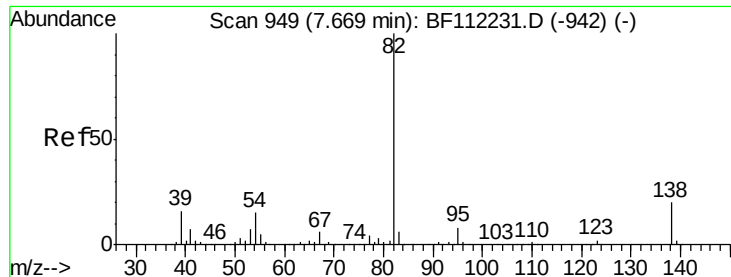
Tgt Ion:	136	Resp:	569438
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.1	5.9	8.9
68	4.3	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 90.971 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112408.D
Acq: 5 Feb 2019 20:54

Tgt Ion:	82	Resp:	899041
Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.8	56.8
54	47.6	39.7	59.5





#25

Isophorone

Concen: 57.987 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112408.D

Acq: 5 Feb 2019 20:54

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-B

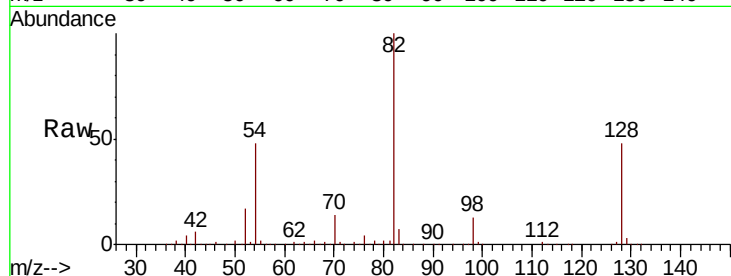
Tgt Ion: 82 Resp: 899028

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

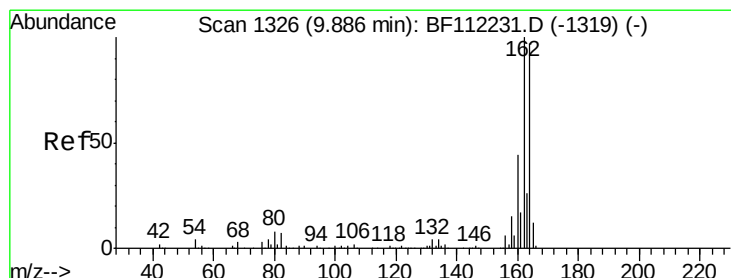
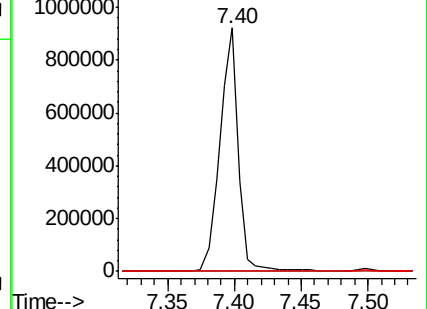
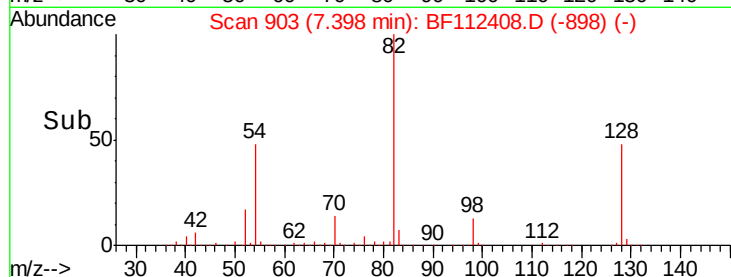
138 0.0 15.4 23.0#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112408.D

Acq: 5 Feb 2019 20:54

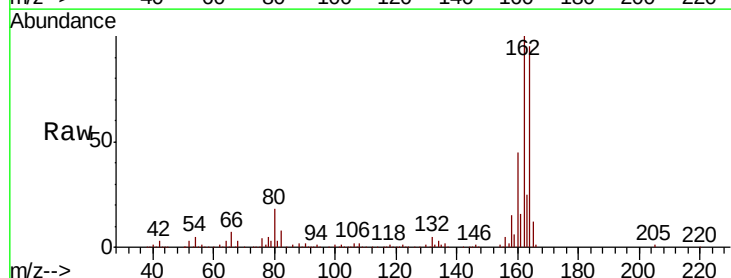
Tgt Ion: 164 Resp: 258389

Ion Ratio Lower Upper

164 100

162 105.8 82.2 123.4

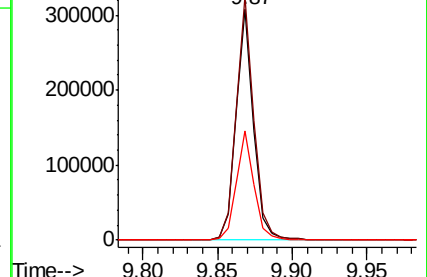
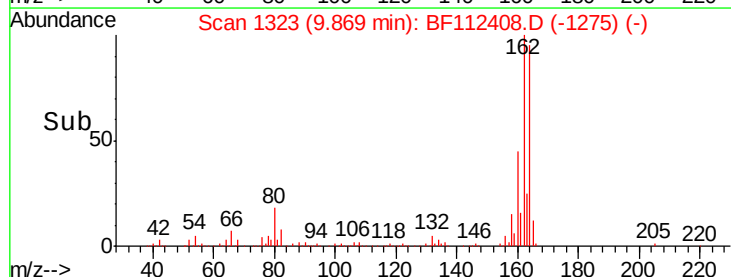
160 47.4 36.2 54.4

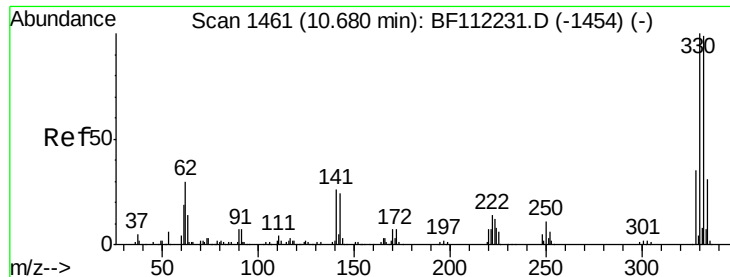


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 129.216 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112408.D

Acq: 5 Feb 2019 20:54

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-B

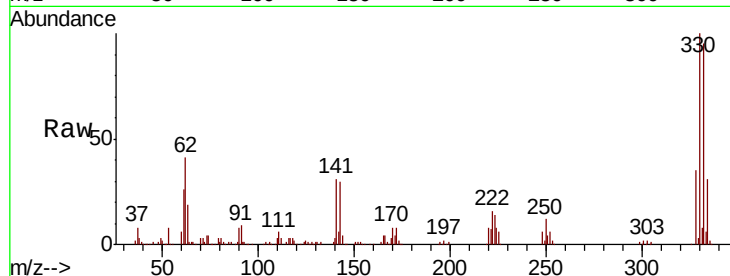
Tgt Ion:330 Resp: 388628

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

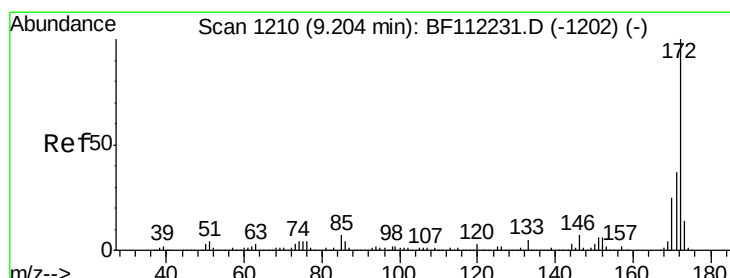
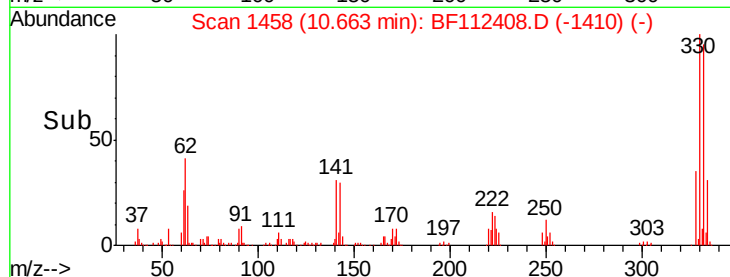
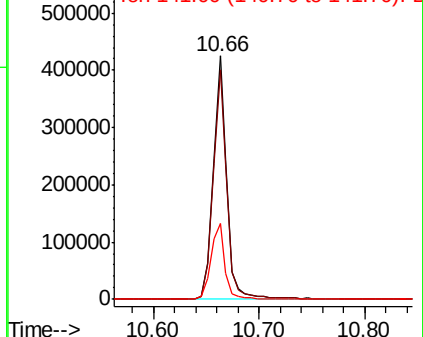
141 32.1 24.3 36.5



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: 95.833 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112408.D

Acq: 5 Feb 2019 20:54

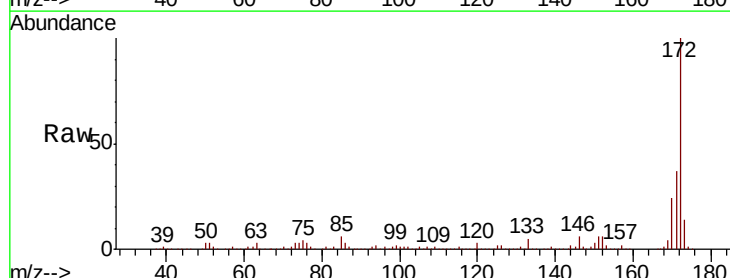
Tgt Ion:172 Resp: 1750798

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

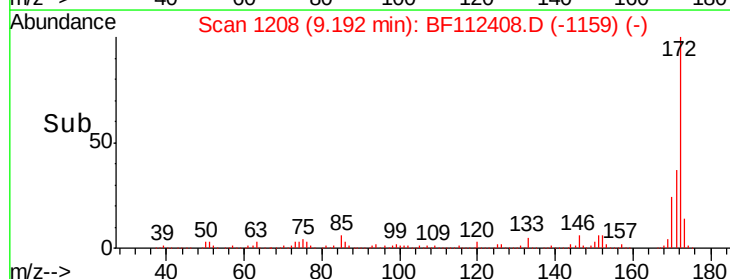
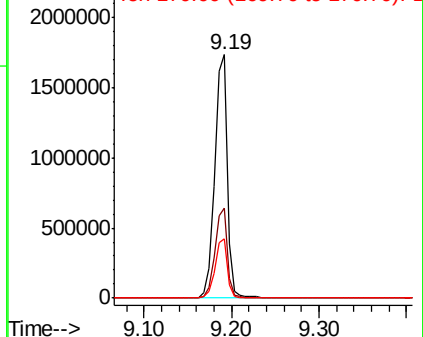
170 24.5 20.2 30.4

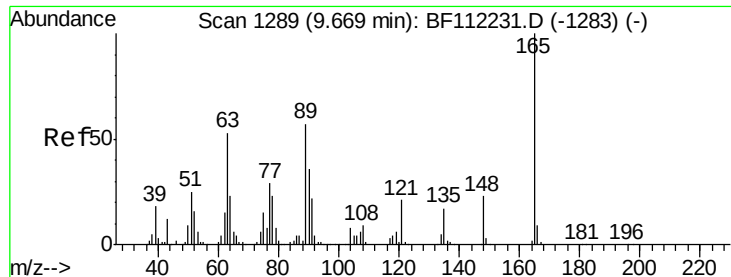


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

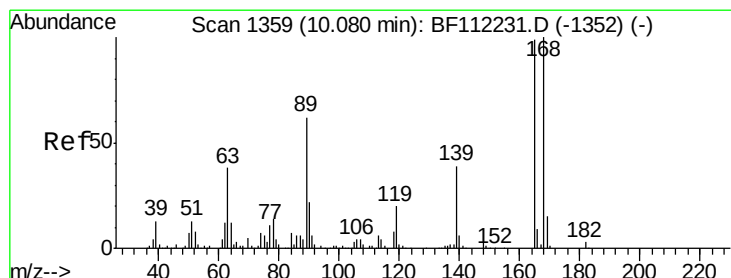
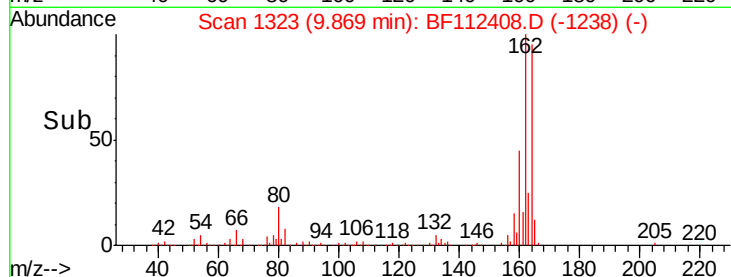
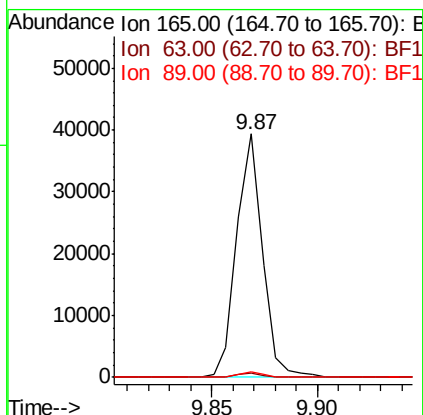
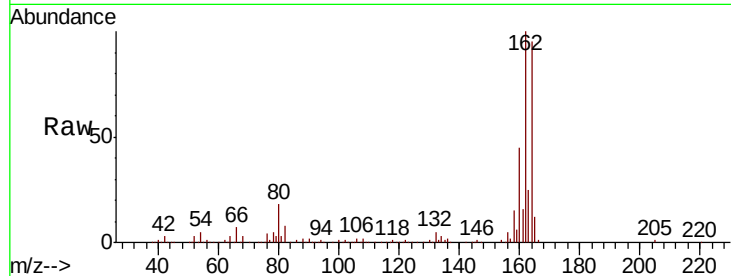




#51
 2,6-Dinitrotoluene
 Concen: 7.398 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112408.D
 Acq: 5 Feb 2019 20:54

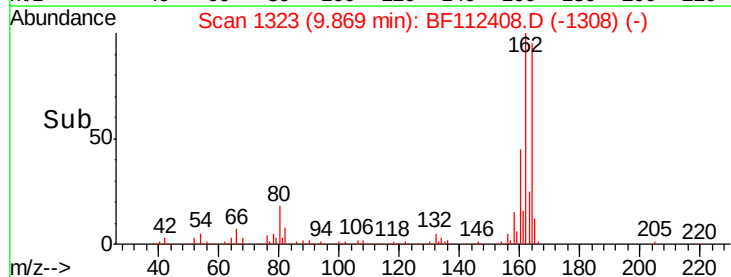
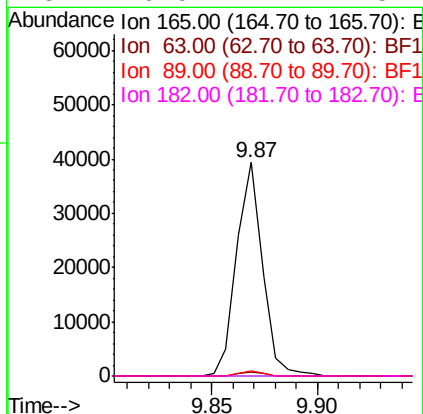
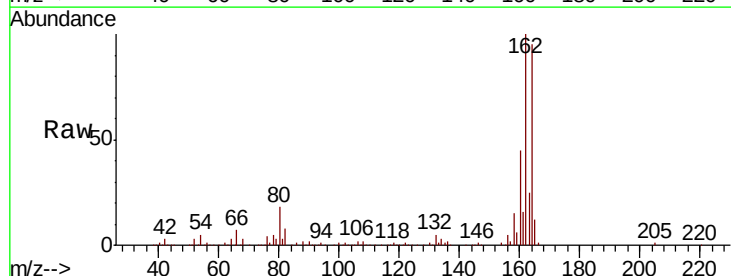
Instrument :
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 CL-02-020419-B

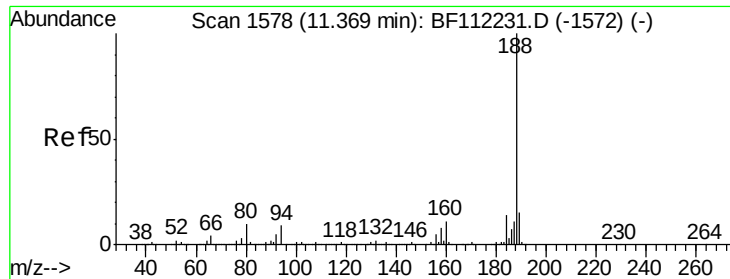
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.8#
89	2.3	36.9	55.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.811 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112408.D
 Acq: 5 Feb 2019 20:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	2.3	47.9	71.9#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112408.D

Acq: 5 Feb 2019 20:54

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-B

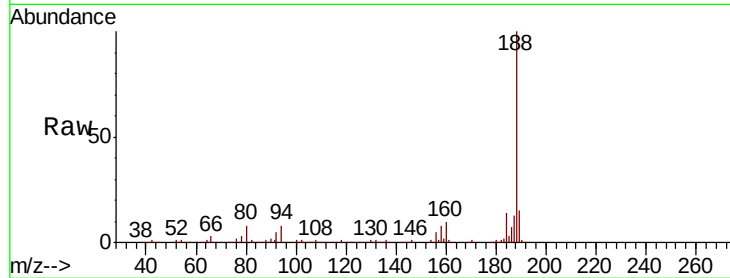
Tgt Ion:188 Resp: 434344

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

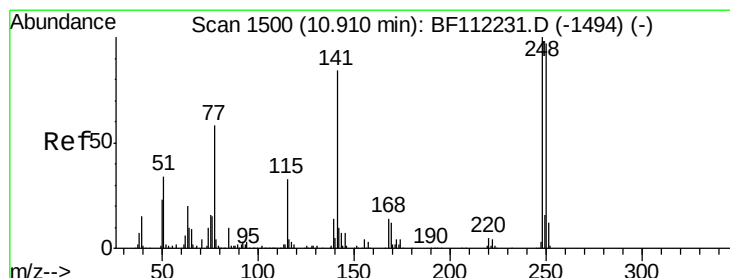
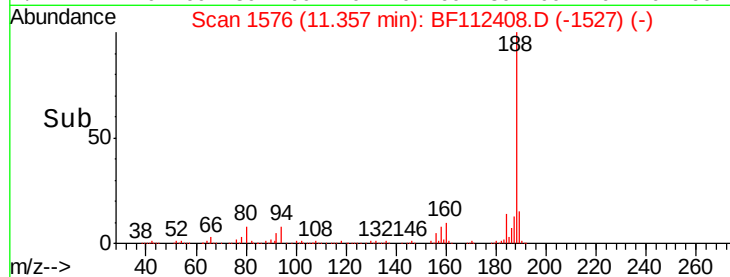
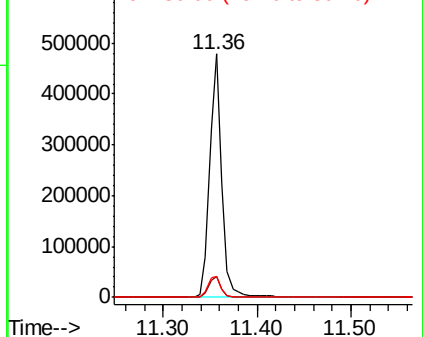
80 8.4 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 4.528 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112408.D

Acq: 5 Feb 2019 20:54

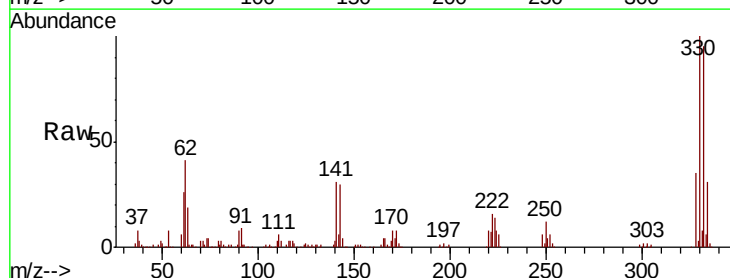
Tgt Ion:248 Resp: 23129

Ion Ratio Lower Upper

248 100

250 196.1 79.7 119.5#

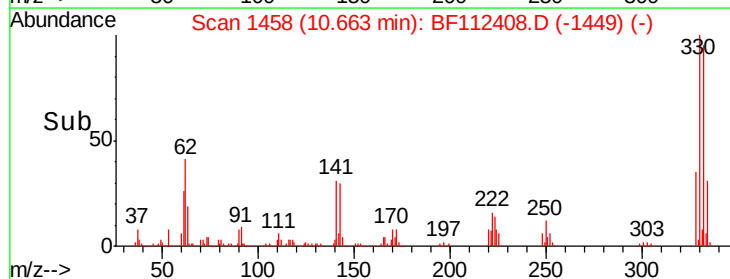
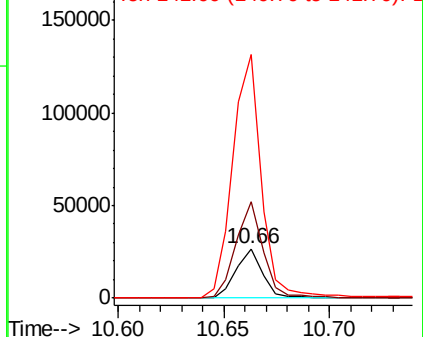
141 494.7 60.3 90.5#

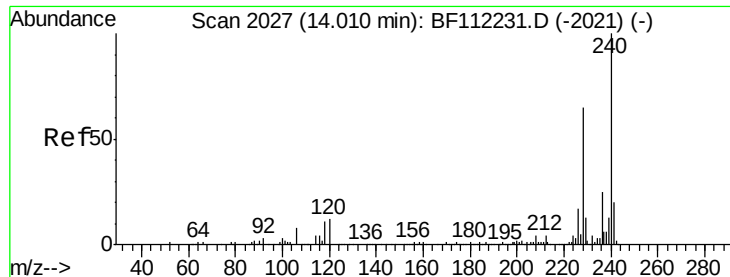


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

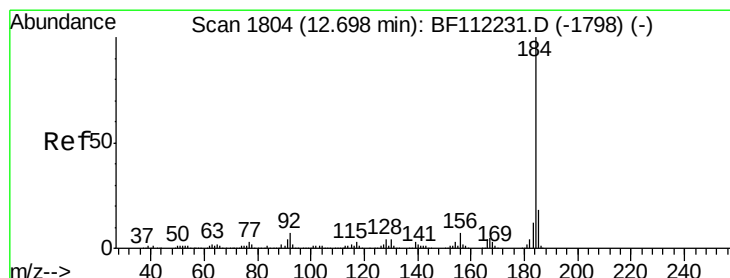
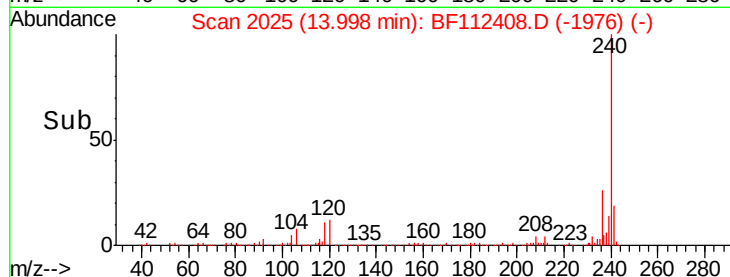
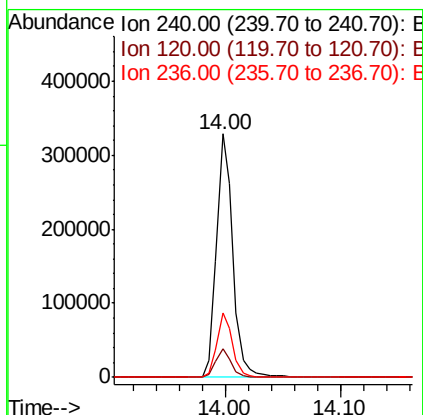
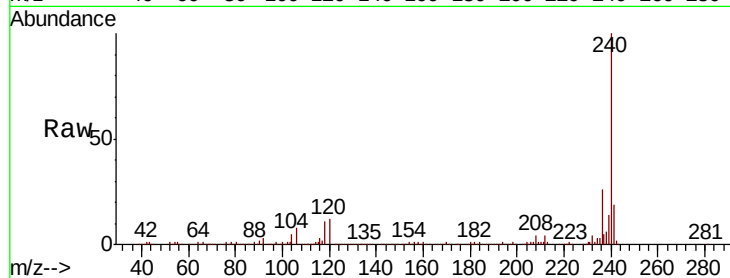




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112408.D
Acq: 5 Feb 2019 20:54

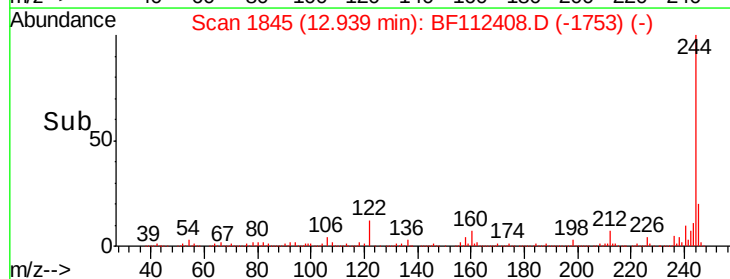
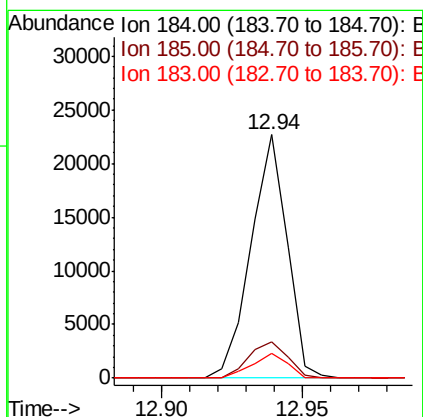
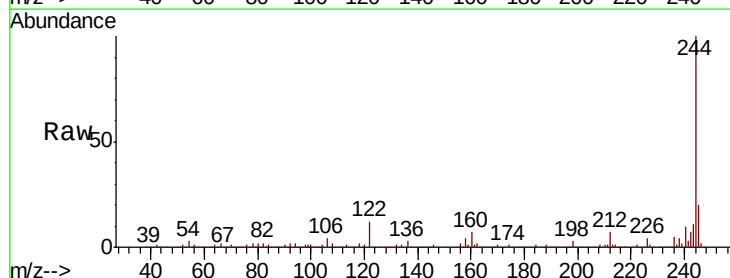
Instrument :
BNA_F
ClientSampleId :
CL-02-020419-B

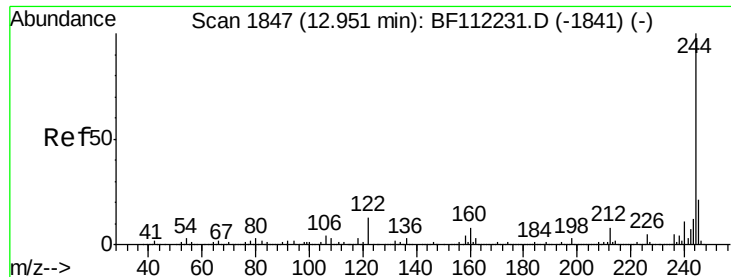
Tgt Ion:240 Resp: 322901
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 26.5 20.7 31.1



#77
Benzidine
Concen: 2.267 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112408.D
Acq: 5 Feb 2019 20:54

Tgt Ion:184 Resp: 20146
Ion Ratio Lower Upper
184 100
185 14.7 13.9 20.9
183 10.0 10.0 15.0

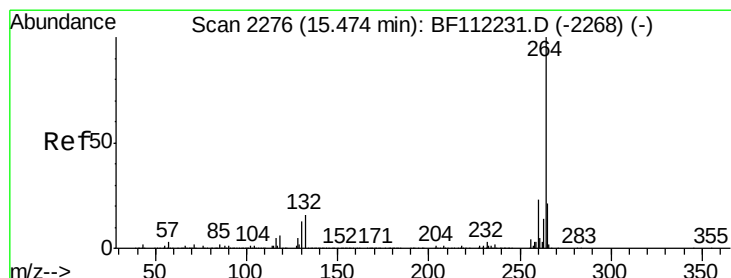
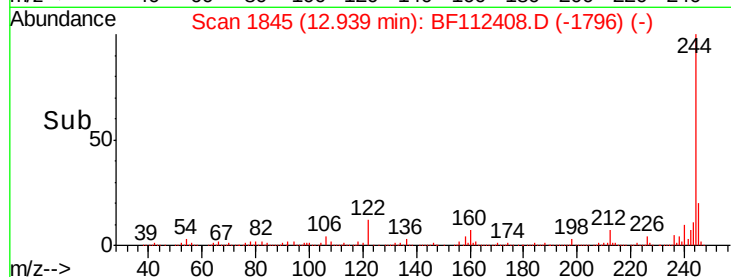
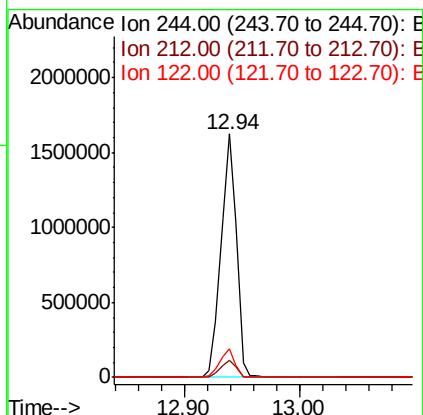
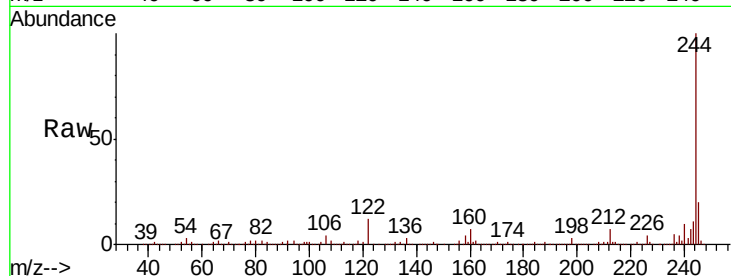




#79
 Terphenyl-d14
 Concen: 88.488 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112408.D
 Acq: 5 Feb 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-B

Tgt Ion:244 Resp: 1517054
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.8 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112408.D
 Acq: 5 Feb 2019 20:54

Tgt Ion:264 Resp: 272600
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.2 27.2
 265 21.0 17.0 25.4

