

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
 Data File : BF112485.D
 Acq On : 11 Feb 2019 17:16
 Operator : JU/SJ
 Sample : K1453-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-8-S

Quant Time: Feb 12 00:00:07 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

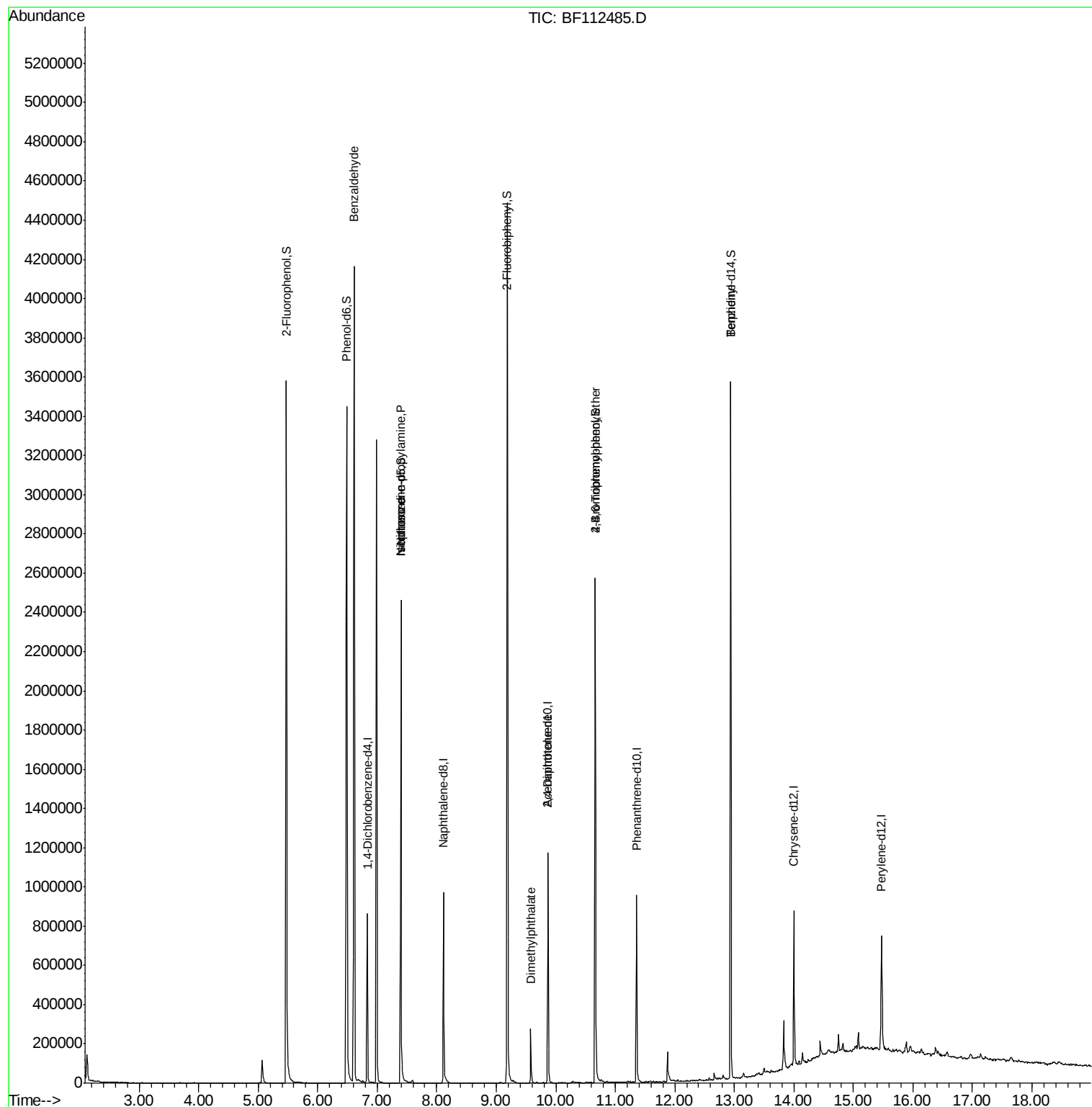
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	139629	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	530747	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	230997	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	369193	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	279117	20.00	ng	0.00
87) Perylene-d12	15.47	264	280068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1058498	161.02	ng	0.00
7) Phenol-d6	6.49	99	1314163	143.87	ng	0.00
23) Nitrobenzene-d5	7.40	82	856438	92.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	330930	123.08	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1541085	94.36	ng	-0.01
79) Terphenyl-d14	12.94	244	1140992	76.99	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	26312	5.511	ng	85
19) n-Nitroso-di-n-propylamine	7.40	70	115718	18.372	ng	# 76
25) Isophorone	7.40	82	856434	59.267	ng	# 63
50) Dimethylphthalate	9.58	163	128649	7.168	ng	98
57) 2,4-Dinitrotoluene	9.87	165	30265	5.914	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	19107	4.400	ng	# 1
77) Benizidine	12.94	184	15502	2.018	ng	98

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

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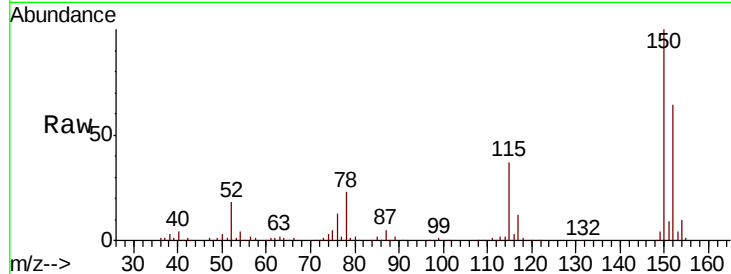


#1

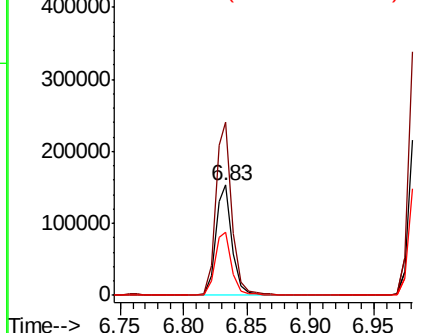
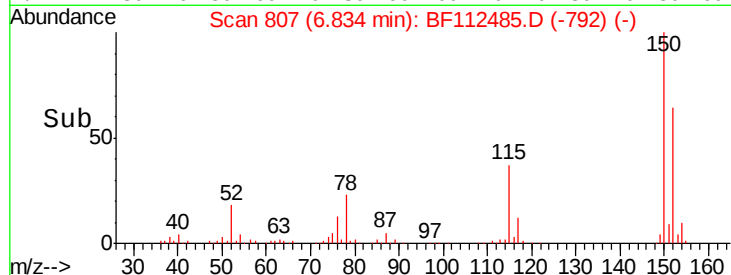
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampled :
M-8-S

Tgt Ion:152 Resp: 139629
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.0
115 57.6 45.5 68.3



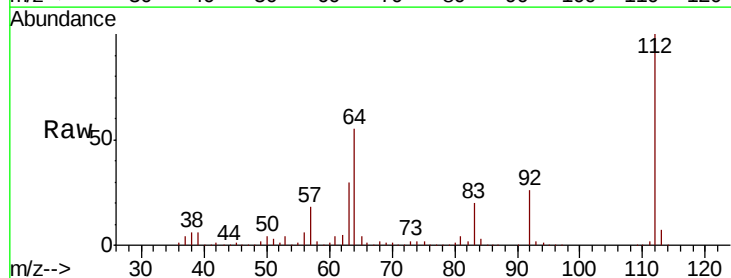
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



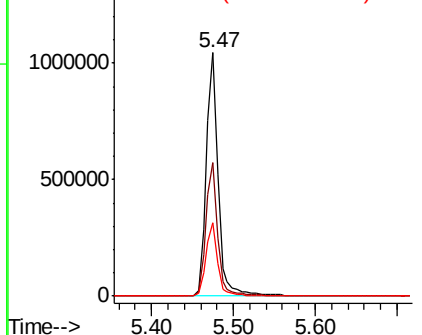
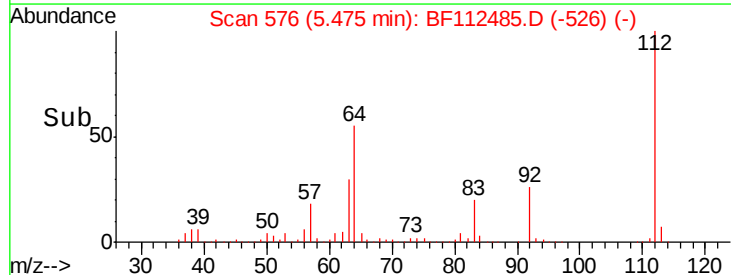
#5

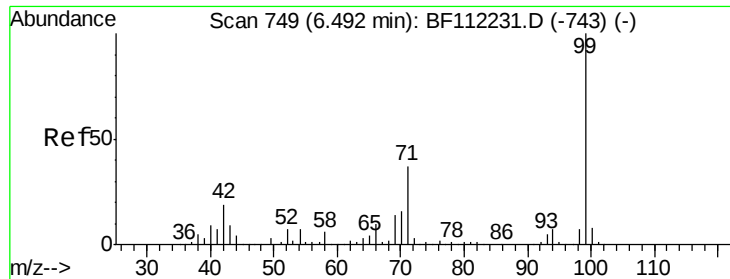
2-Fluorophenol
Concen: 161.021 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion:112 Resp: 1058498
Ion Ratio Lower Upper
112 100
64 55.0 45.7 68.5
63 29.9 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: 143.869 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112485.D

Acq: 11 Feb 2019 17:16

Instrument :

BNA_F

ClientSampleId :

M-8-S

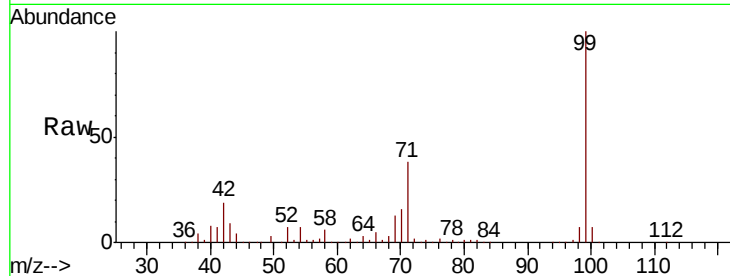
Tgt Ion: 99 Resp: 1314163

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

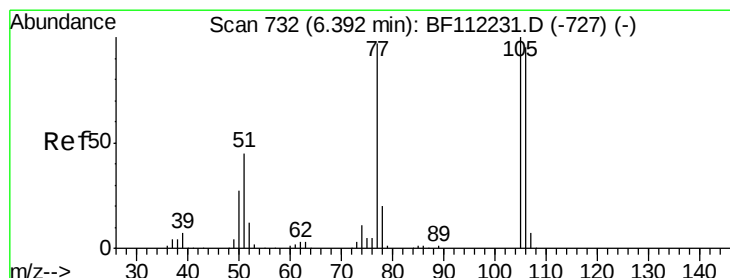
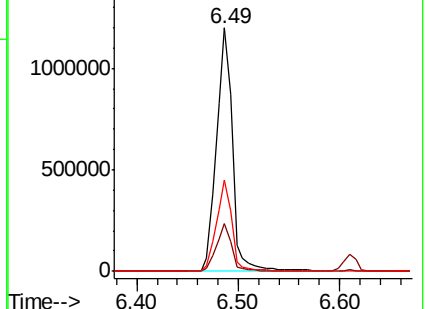
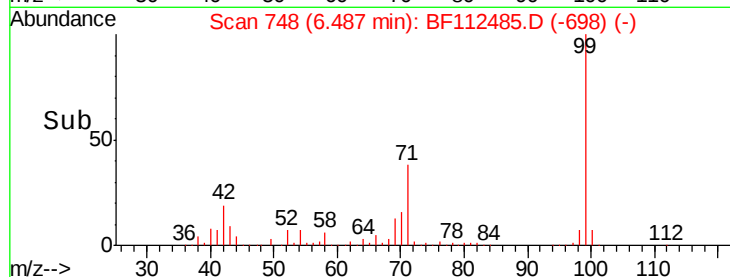
71 37.6 26.9 40.3



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



#9

Benzaldehyde

Concen: 5.511 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.22 min

Lab File: BF112485.D

Acq: 11 Feb 2019 17:16

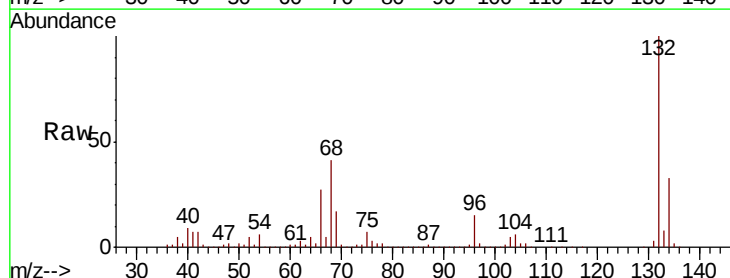
Tgt Ion: 77 Resp: 26312

Ion Ratio Lower Upper

77 100

105 87.3 80.8 120.8

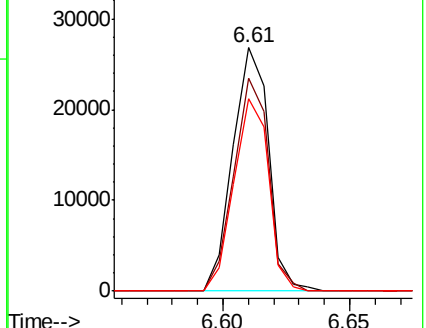
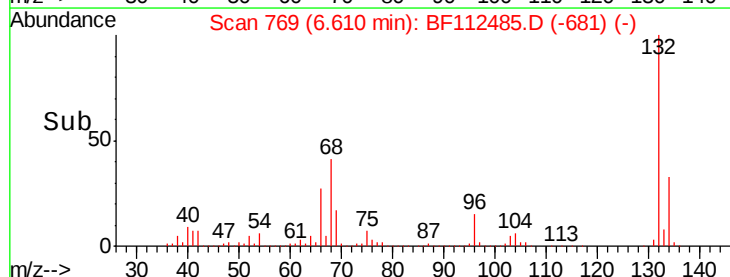
106 78.8 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

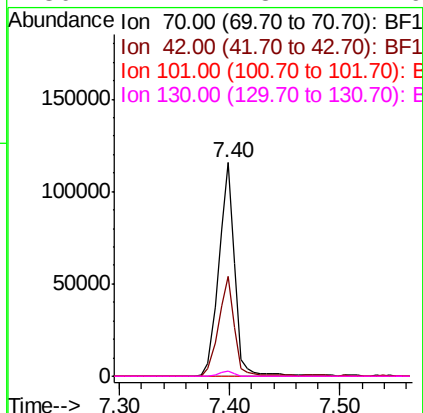
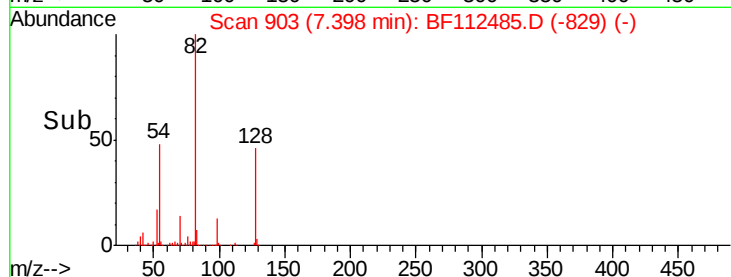
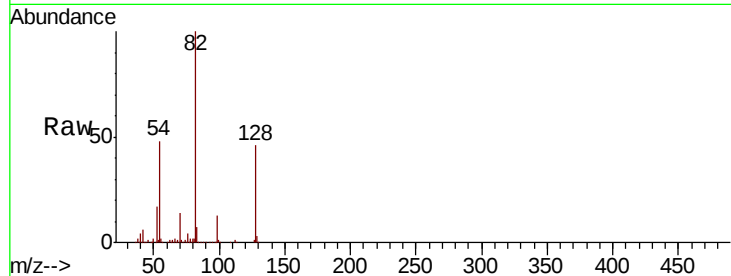




#19
n-Nitroso-di-n-propylamine
Concen: 18.372 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

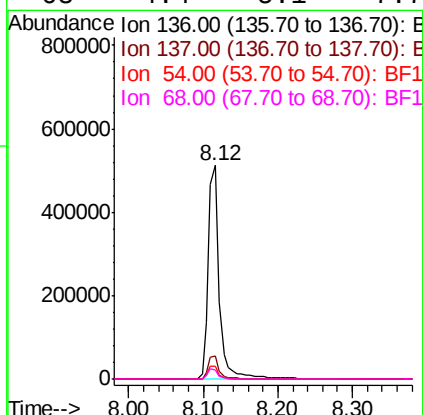
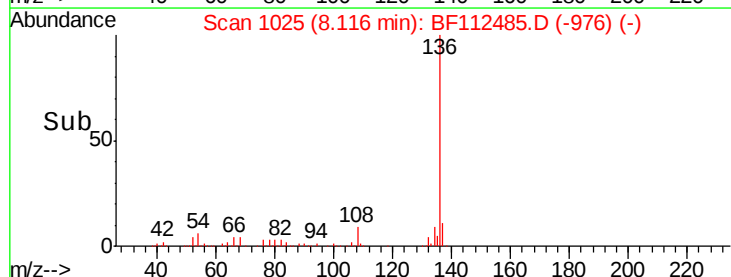
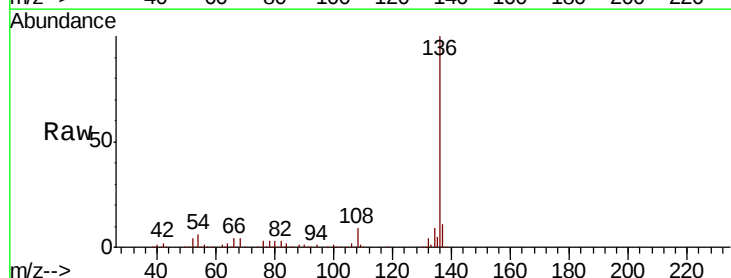
Instrument :
BNA_F
ClientSampleId :
M-8-S

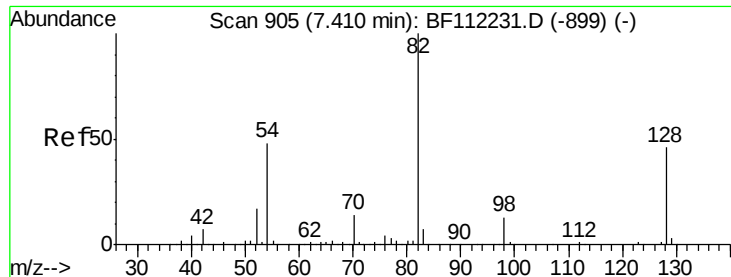
Tgt Ion: 70 Resp: 115718
Ion Ratio Lower Upper
70 100
42 46.9 47.6 71.4#
101 0.0 7.9 11.9#
130 2.4 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion: 136 Resp: 530747
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 5.8 5.9 8.9#
68 4.4 5.1 7.7#

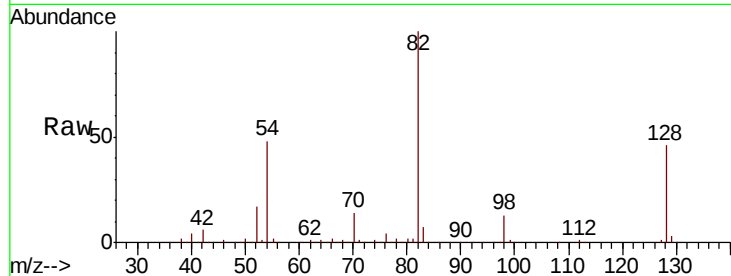




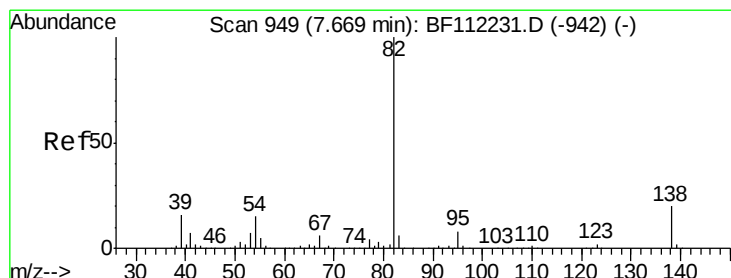
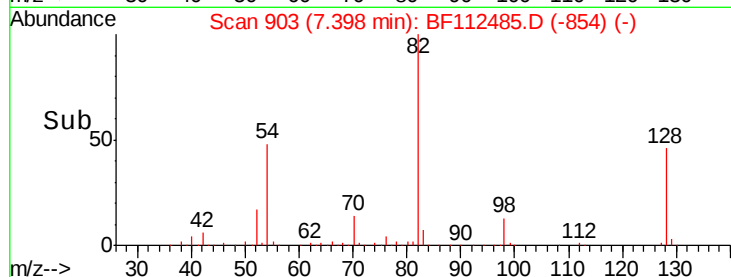
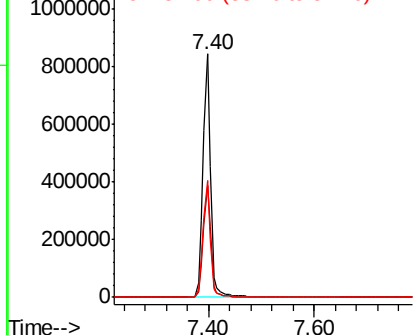
#23
Nitrobenzene-d5
Concen: 92.978 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion: 82 Resp: 856438
Ion Ratio Lower Upper
82 100
128 46.0 37.8 56.8
54 47.9 39.7 59.5

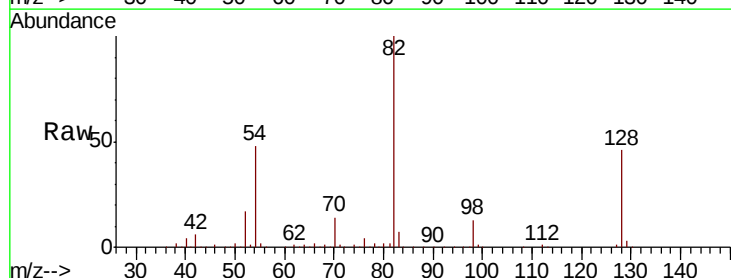


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

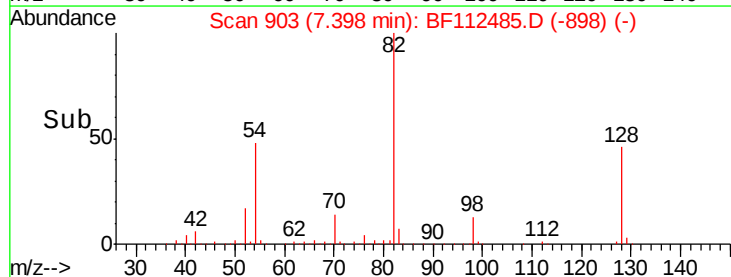
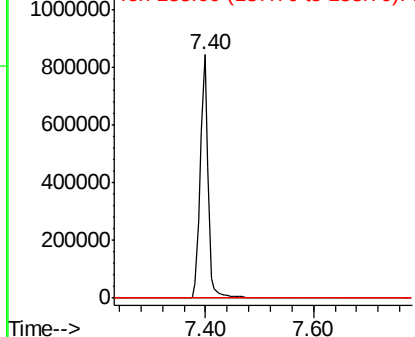


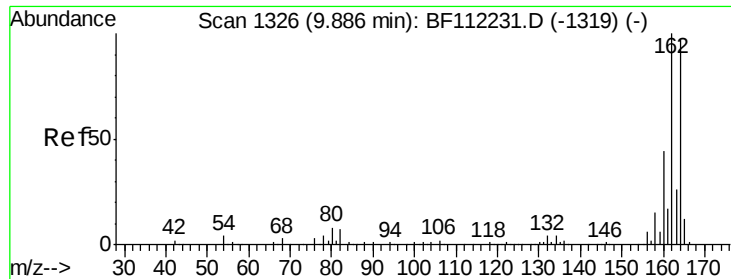
#25
Isophorone
Concen: 59.267 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion: 82 Resp: 856434
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: BF112485.D

Acq: 11 Feb 2019 17:16

Instrument :

BNA_F

ClientSampleId :

M-8-S

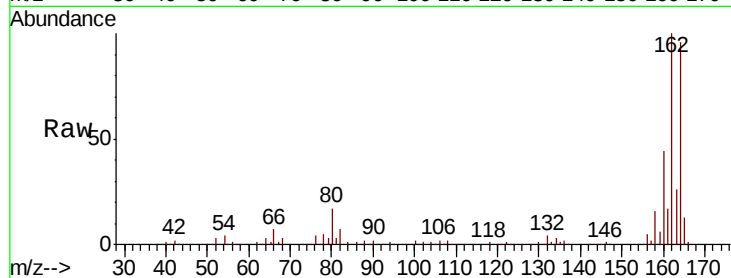
Tgt Ion:164 Resp: 230997

Ion Ratio Lower Upper

164 100

162 104.3 82.2 123.4

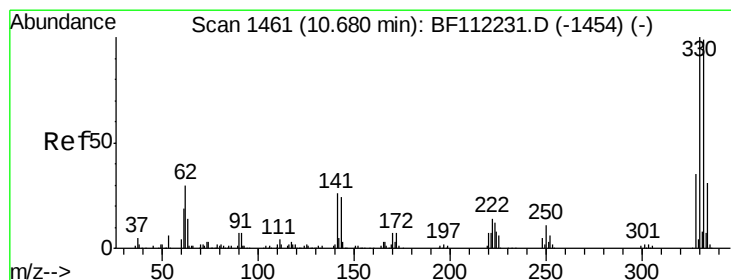
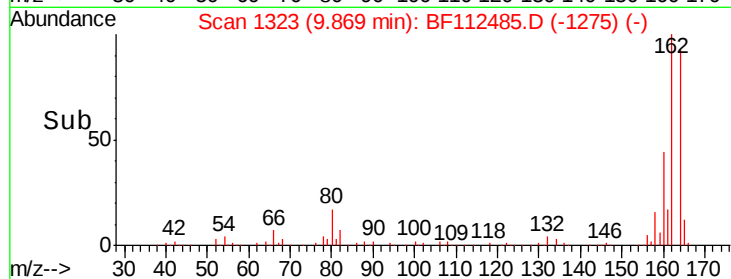
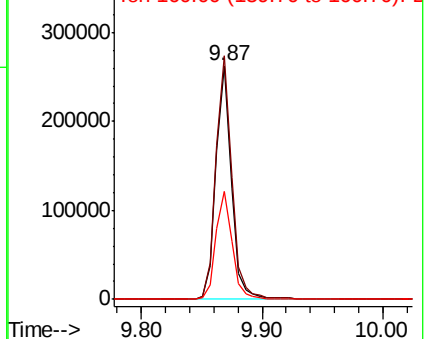
160 46.4 36.2 54.4



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: 123.080 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112485.D

Acq: 11 Feb 2019 17:16

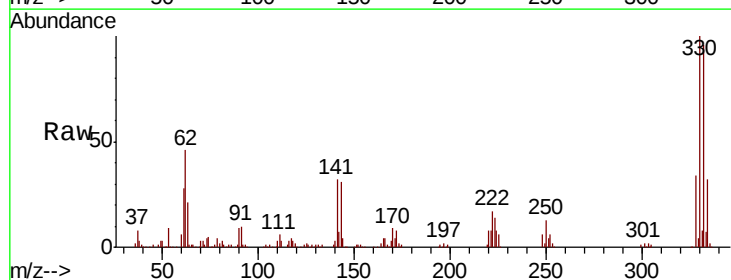
Tgt Ion:330 Resp: 330930

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

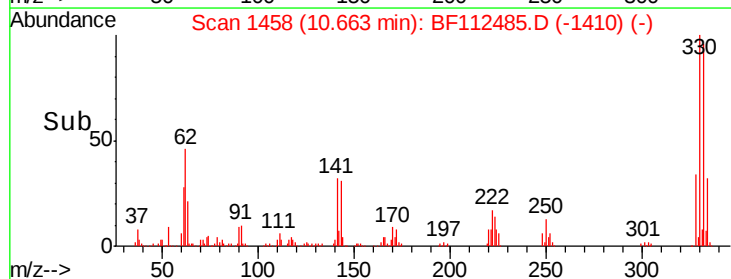
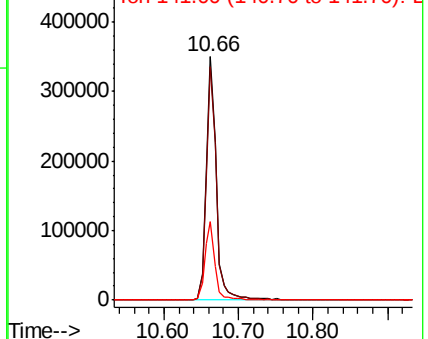
141 32.3 24.3 36.5

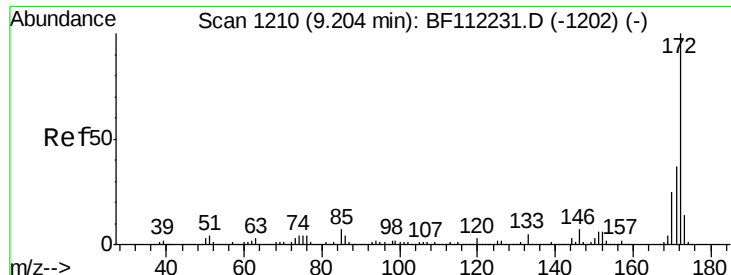


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

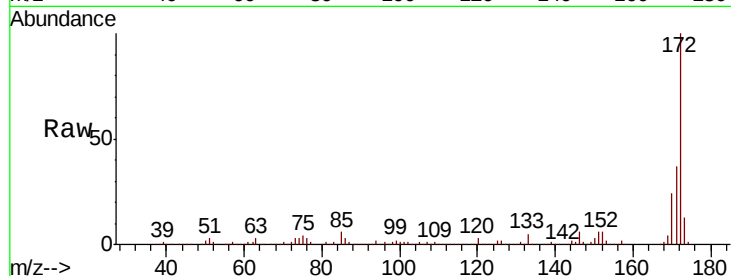




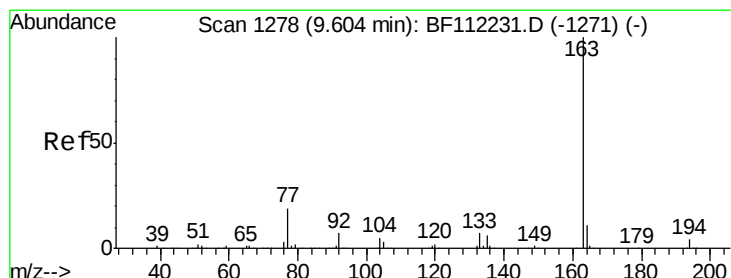
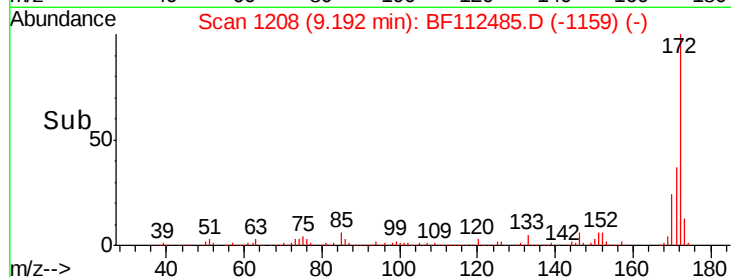
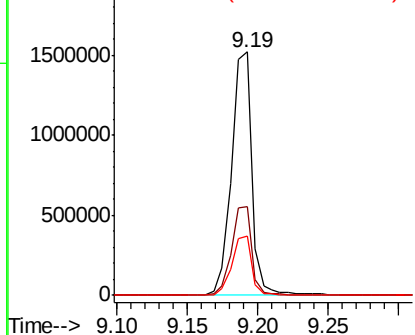
#45
 2-Fluorobiphenyl
 Concen: 94.357 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112485.D
 Acq: 11 Feb 2019 17:16

Instrument :
 BNA_F
 ClientSampleId :
 M-8-S

Tgt Ion:172 Resp: 1541085
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 24.3 20.2 30.4

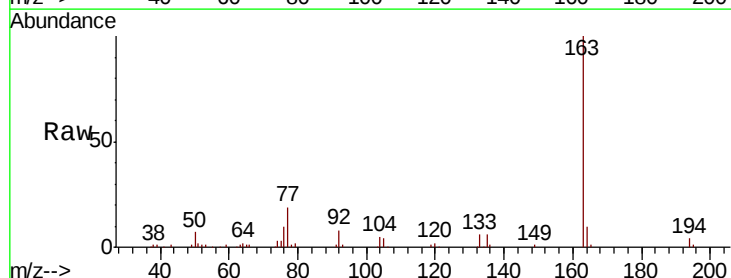


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

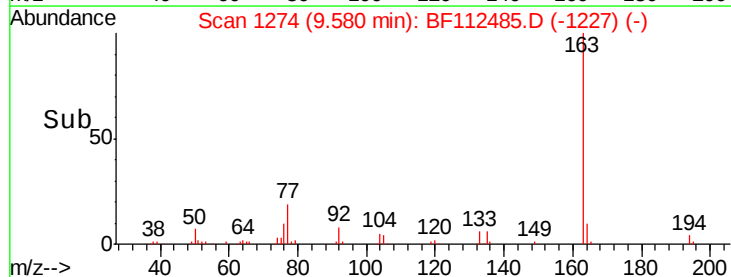
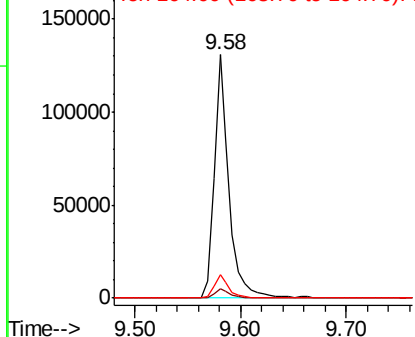


#50
 Dimethylphthalate
 Concen: 7.168 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF112485.D
 Acq: 11 Feb 2019 17:16

Tgt Ion:163 Resp: 128649
 Ion Ratio Lower Upper
 163 100
 194 3.8 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

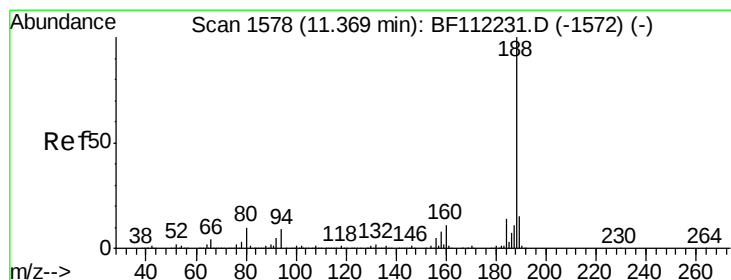
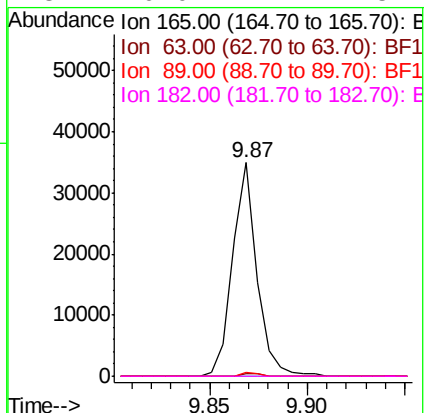
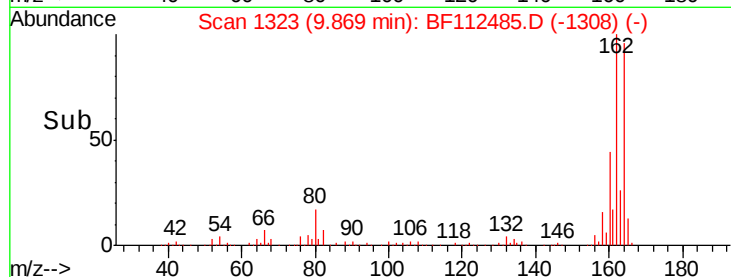
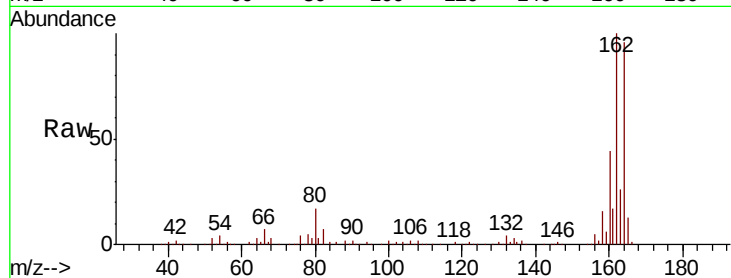




#57
2,4-Dinitrotoluene
Concen: 5.914 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

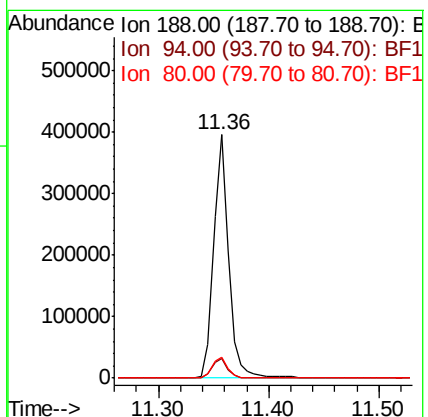
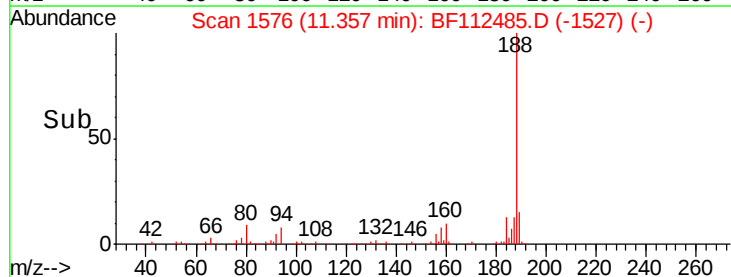
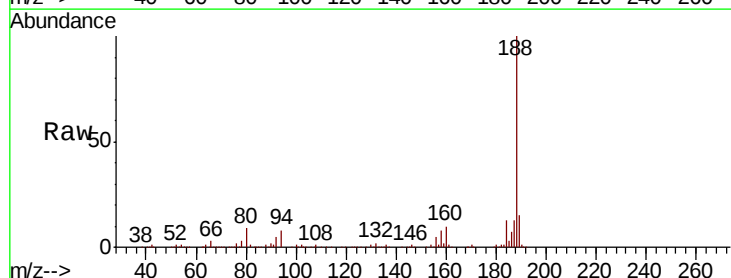
Instrument :
BNA_F
ClientSampled :
M-8-S

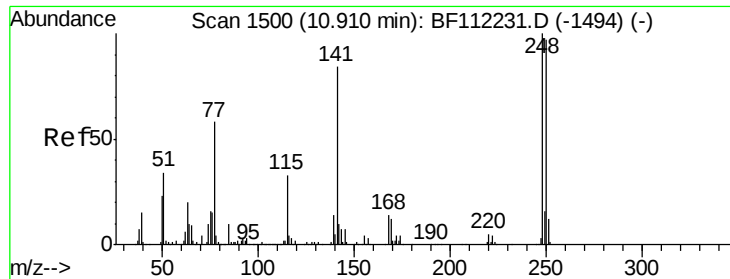
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.9	47.9	71.9#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.6	8.9	13.3#





#67

4-Bromophenyl-phenylether

Concen: 4.400 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112485.D

Acq: 11 Feb 2019 17:16

Instrument :

BNA_F

ClientSampled :

M-8-S

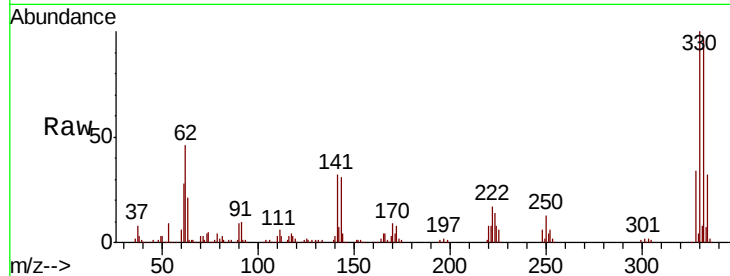
Tgt Ion:248 Resp: 19107

Ion Ratio Lower Upper

248 100

250 210.2 79.7 119.5#

141 529.7 60.3 90.5#

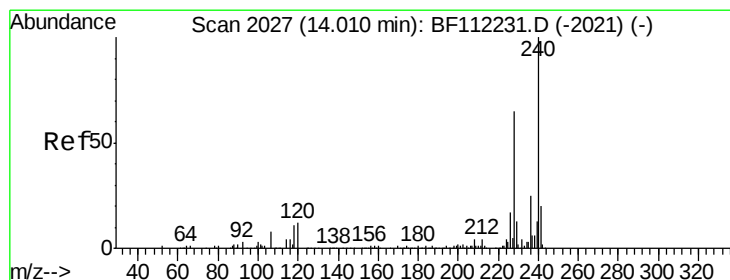
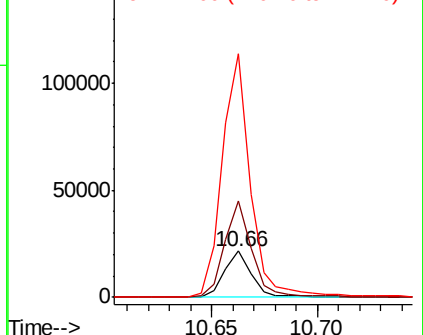
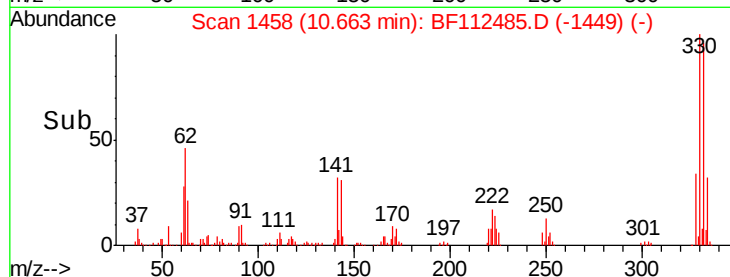


Abundance

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# 2026

Delta R.T. -0.01 min

Lab File: BF112485.D

Acq: 11 Feb 2019 17:16

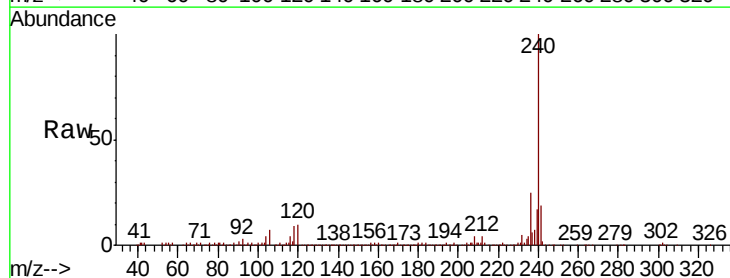
Tgt Ion:240 Resp: 279117

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

236 24.8 20.7 31.1

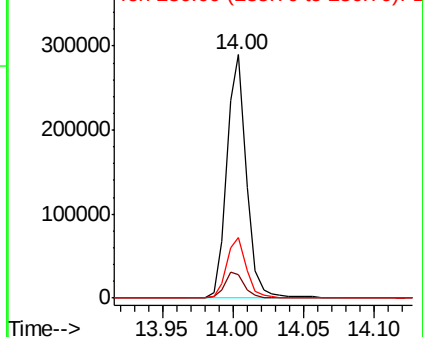
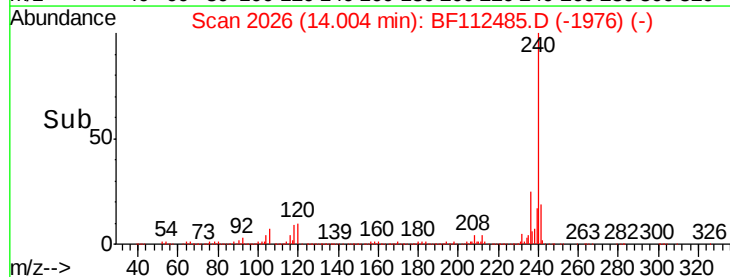


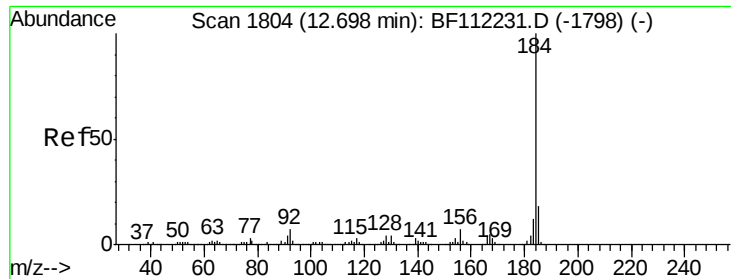
Abundance

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: 2.018 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.24 min

Lab File: BF112485.D

Acq: 11 Feb 2019 17:16

Instrument :

BNA_F

ClientSampleId :

M-8-S

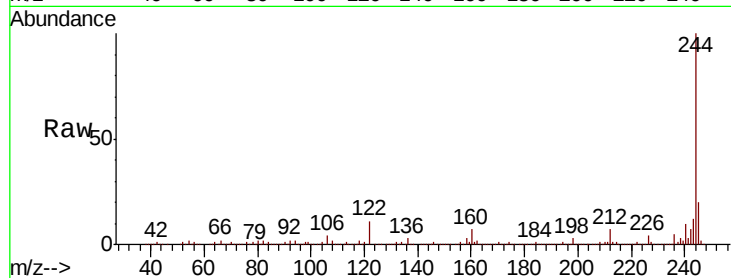
Tgt Ion:184 Resp: 15502

Ion Ratio Lower Upper

184 100

185 17.1 13.9 20.9

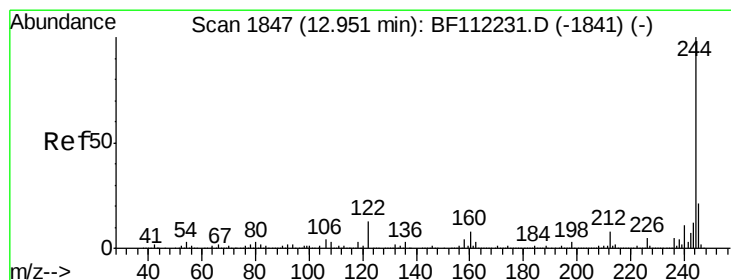
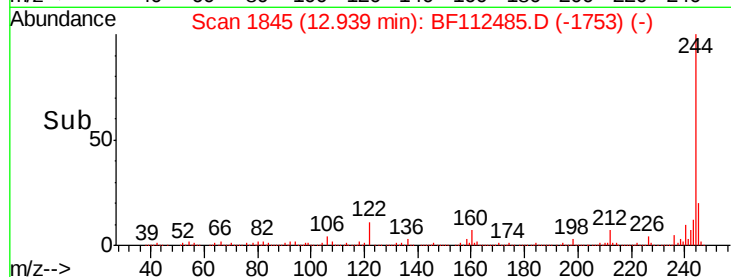
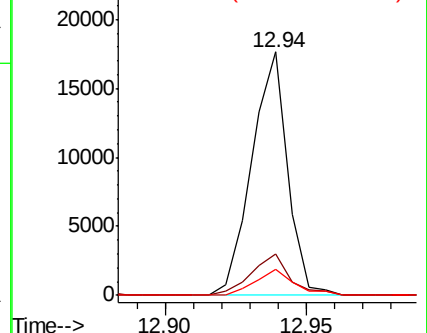
183 10.8 10.0 15.0



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: 76.993 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112485.D

Acq: 11 Feb 2019 17:16

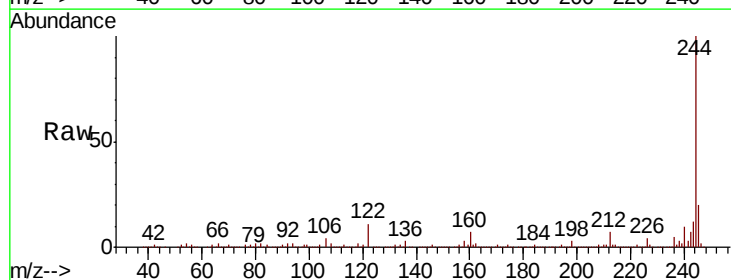
Tgt Ion:244 Resp: 1140992

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

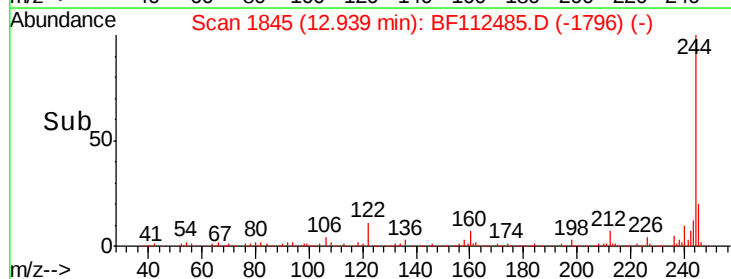
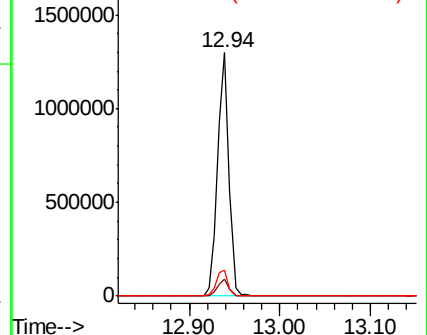
122 10.9 9.8 14.6

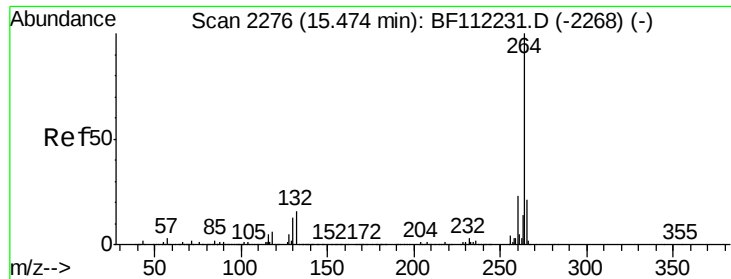


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112485.D
Acq: 11 Feb 2019 17:16

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	22.8	17.0	25.4

