

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121487.D
 Acq On : 31 Aug 2020 20:03
 Operator : JU/CG
 Sample : L3847-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-09-C

Quant Time: Sep 01 00:32:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	309101	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1113758	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	556238	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	914170	20.00	ng	0.00
76) Chrysene-d12	14.03	240	657007	20.00	ng	0.00
86) Perylene-d12	15.50	264	692493	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1100807	59.75	ng	0.00
7) Phenol-d6	6.48	99	1457257	56.60	ng	-0.01
23) Nitrobenzene-d5	7.42	82	904219	55.50	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	353046	62.84	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1610681	46.72	ng	0.00
79) Terphenyl-d14	12.97	244	1214450	38.91	ng	0.00

Target Compounds

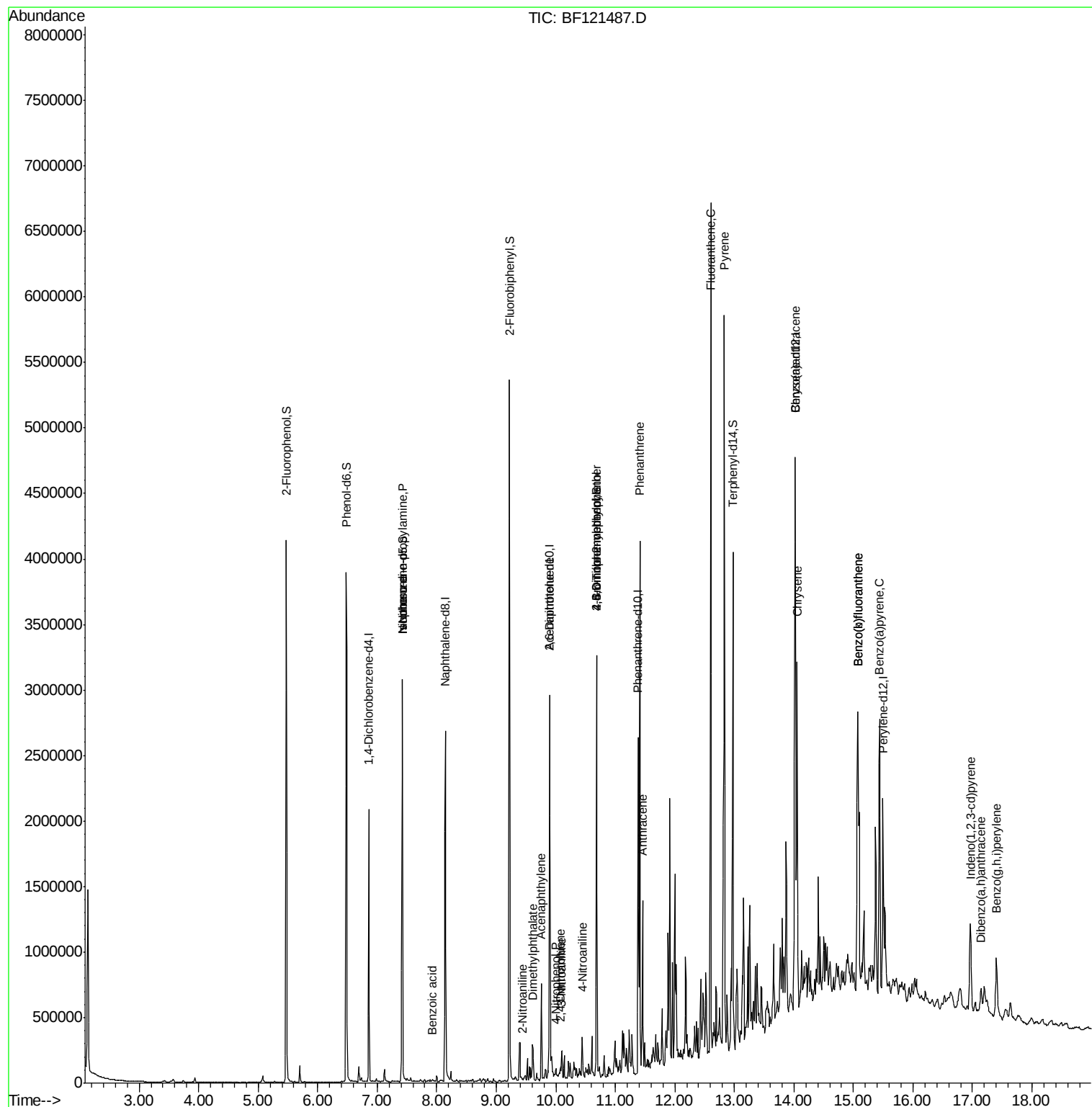
						Qvalue
9) Benzaldehyde	6.41	77	1170	Below Cal	#	83
19) n-Nitroso-di-n-propylamine	7.42	70	120120	8.349 ng	#	78
25) Isophorone	7.42	82	894232	24.404 ng	#	64
32) Benzoic acid	7.93	122	471	6.723 ng	#	38
48) 2-Nitroaniline	9.44	65	583	6.699 ng	#	37
49) Acenaphthylene	9.76	152	281051	5.431 ng		97
50) Dimethylphthalate	9.61	163	97596	2.554 ng		98
51) 2,6-Dinitrotoluene	9.90	165	77851	15.837 ng	#	25
53) 3-Nitroaniline	10.10	138	688	5.519 ng	#	1
54) 2,4-Dinitrophenol	9.95	184	272	Below Cal	#	1
56) 4-Nitrophenol	10.00	139	1007	7.980 ng	#	41
57) 2,4-Dinitrotoluene	10.08	165	3218	7.586 ng	#	66
62) 4-Nitroaniline	10.45	138	1042	4.636 ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.69	198	791	5.911 ng	#	1
67) 4-Bromophenyl-phenylether	10.69	248	20947	2.083 ng	#	1
71) Phenanthrene	11.41	178	1426935	30.416 ng		99
72) Anthracene	11.46	178	495853	10.746 ng		96
75) Fluoranthene	12.60	202	2545209	50.340 ng		99
78) Pyrene	12.83	202	2295823	48.928 ng		99
81) Benzo(a)anthracene	14.02	228	1385921	34.556 ng		95
83) Chrysene	14.06	228	1065122	26.545 ng		96
87) Indeno(1,2,3-cd)pyrene	16.96	276	457329	10.733 ng		97
88) Benzo(b)fluoranthene	15.07	252	1813294	40.254 ng		99
89) Benzo(k)fluoranthene	15.07	252	1813157	43.274 ng		98
90) Benzo(a)pyrene	15.44	252	1018209	25.137 ng		99
91) Dibenzo(a,h)anthracene	17.14	278	135014	3.871 ng		96
92) Benzo(g,h,i)perylene	17.41	276	374655	11.151 ng		99

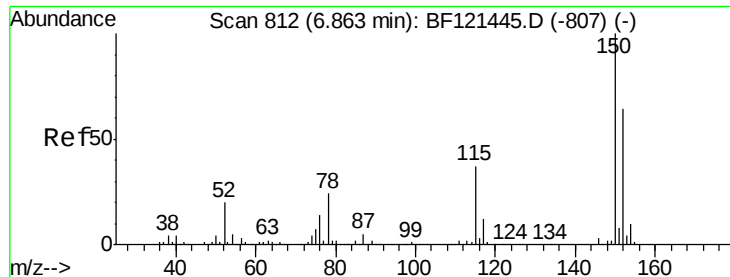
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
Data File : BF121487.D
Acq On : 31 Aug 2020 20:03
Operator : JU/CG
Sample : L3847-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-C

Quant Time: Sep 01 00:32:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration



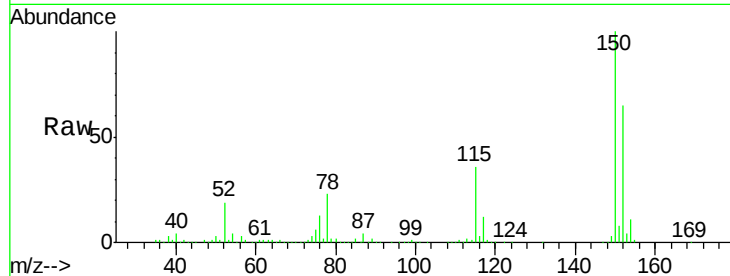


#1

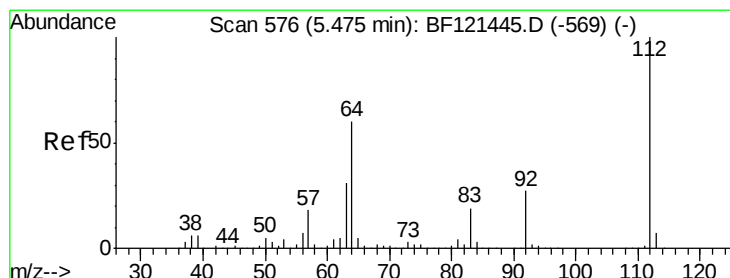
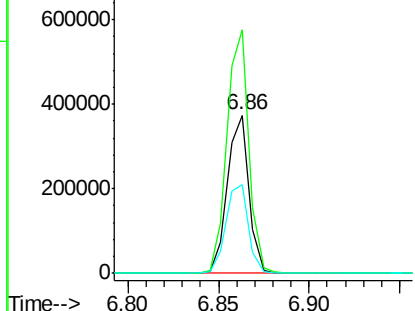
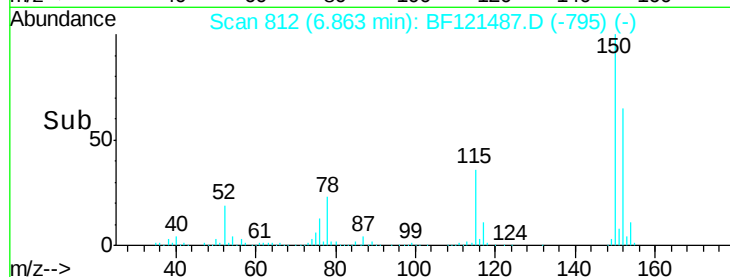
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.8	188.6
115	55.8	46.6	69.8



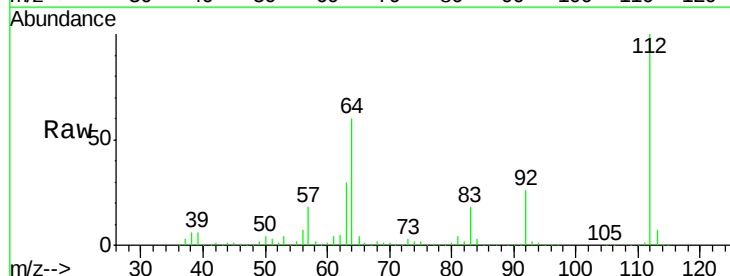
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



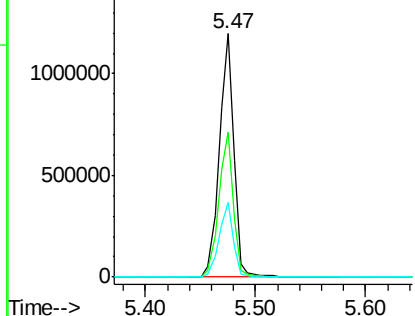
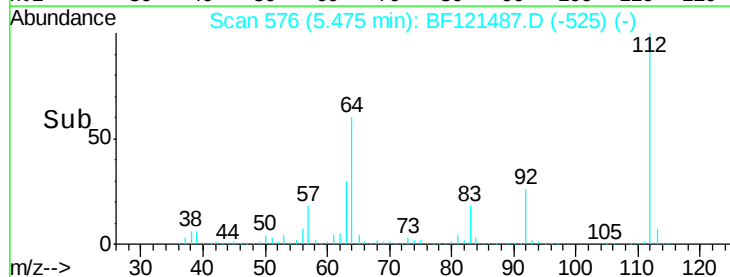
#5

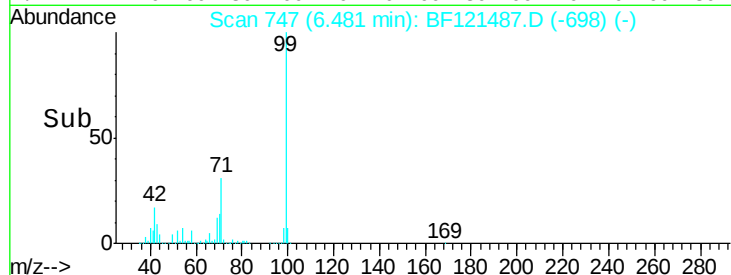
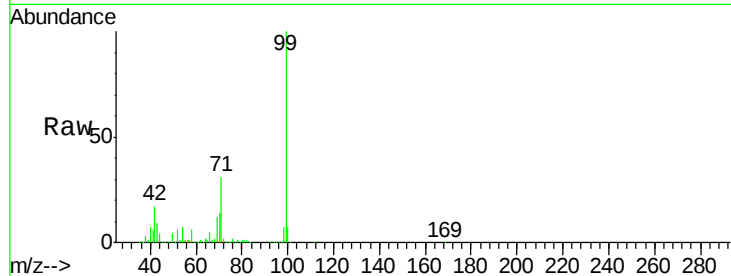
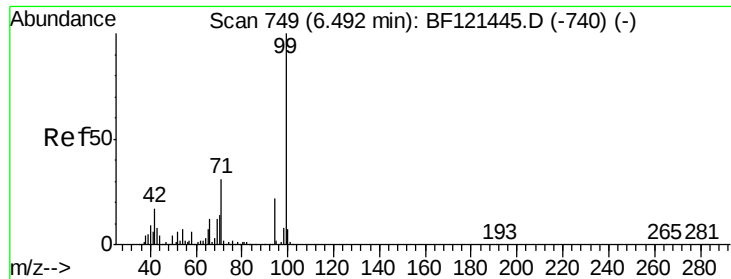
2-Fluorophenol
Concen: 59.750 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.2	72.2
63	30.4	24.8	37.2



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: 56.600 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-C

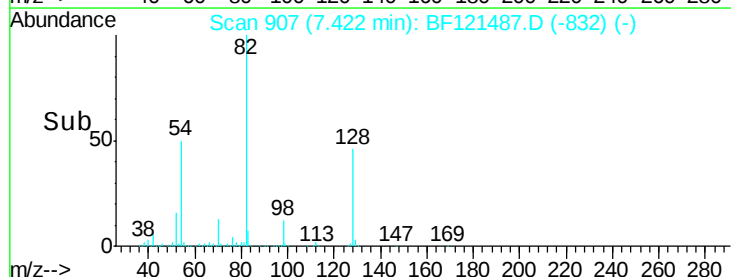
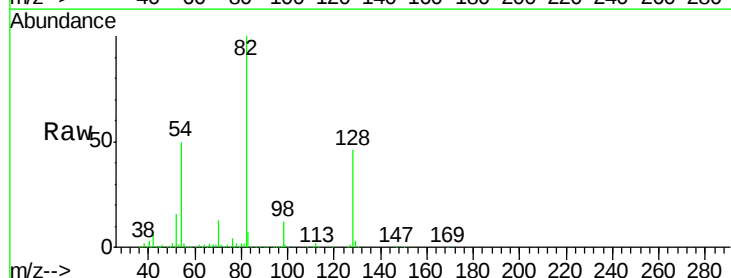
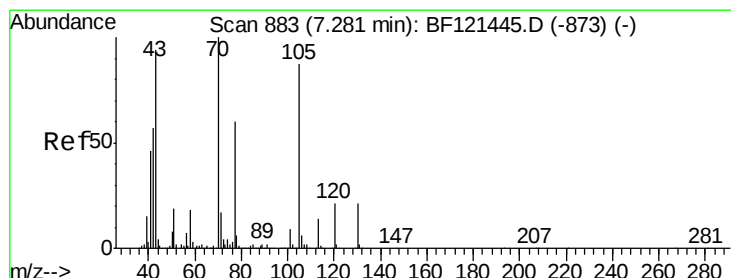
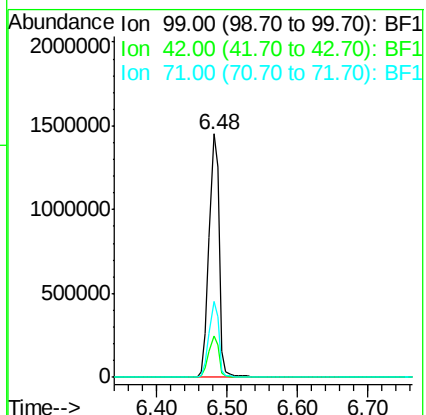
Tot Ion: 99 Resp: 1457257

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 31.2 24.6 37.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.349 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Tgt Ion: 70 Resp: 120120

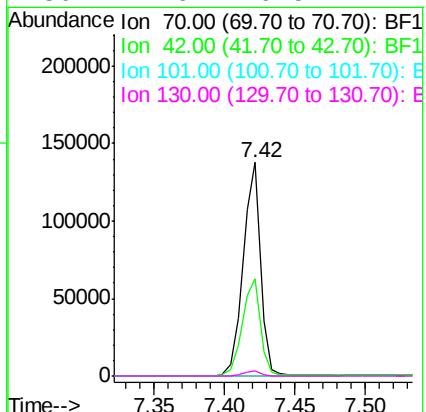
Ion Ratio Lower Upper

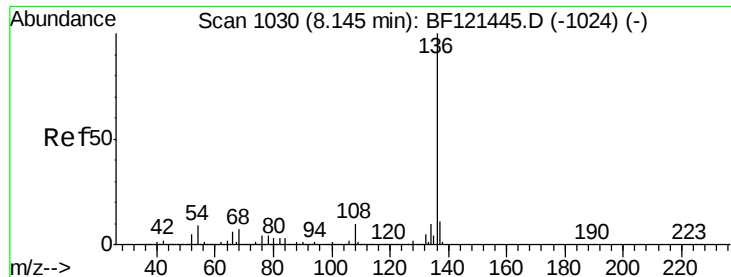
70 100

42 45.6 45.8 68.6#

101 0.0 7.5 11.3#

130 2.6 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-C

Tot Ion:136 Resp: 1113758

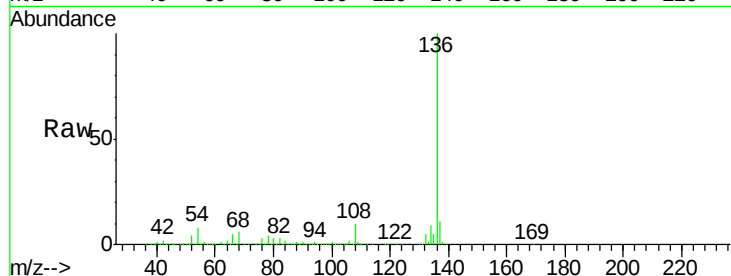
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.8 7.0 10.4

68 6.3 5.5 8.3

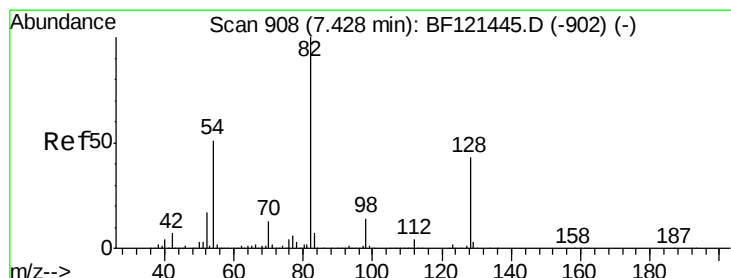
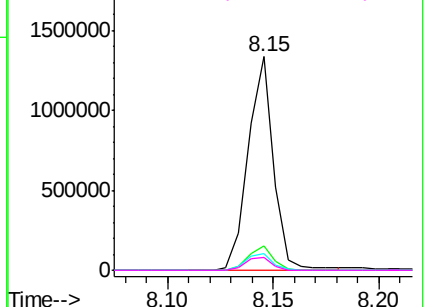
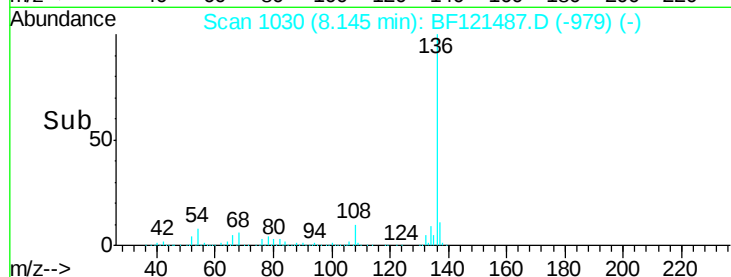


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 55.503 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

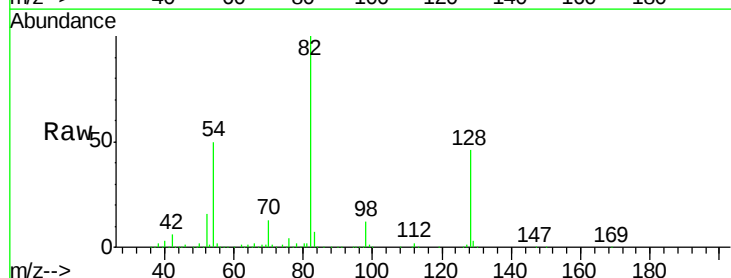
Tgt Ion: 82 Resp: 904219

Ion Ratio Lower Upper

82 100

128 46.3 34.1 51.1

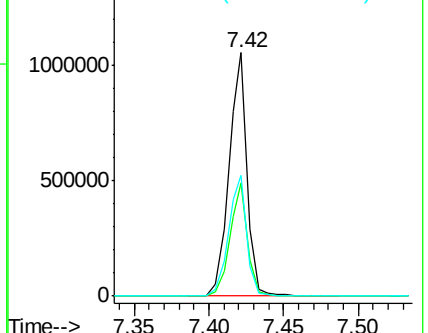
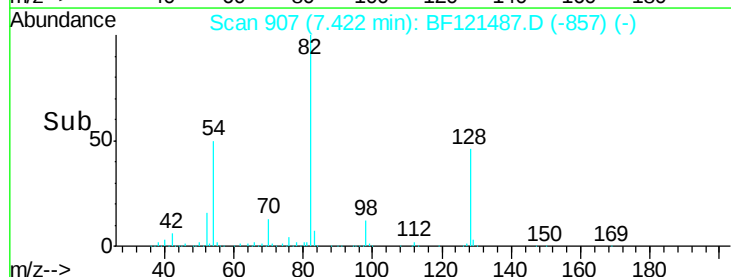
54 49.7 41.0 61.6

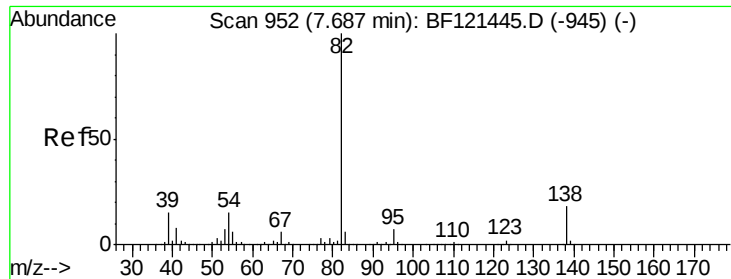


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

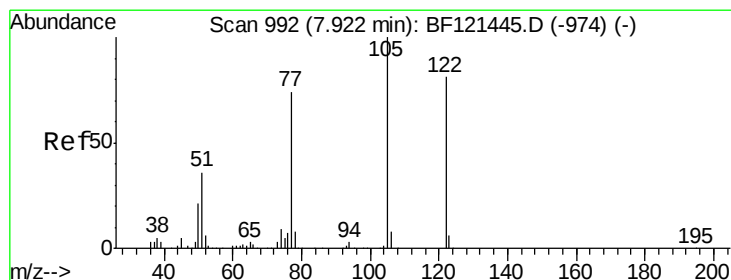
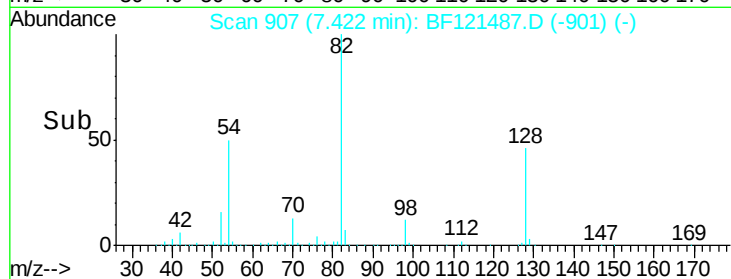
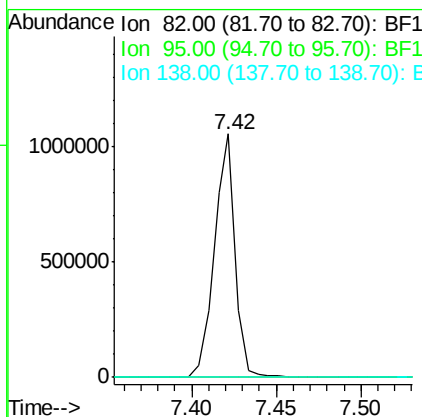
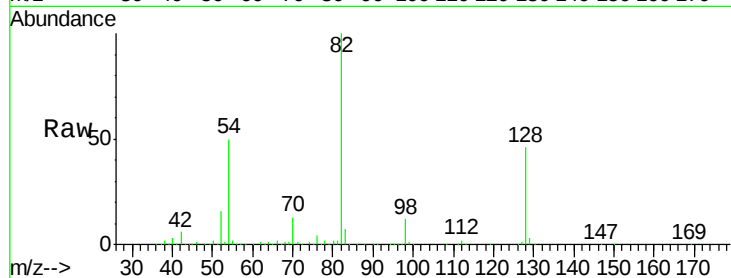




#25
Isophorone
Concen: 24.404 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

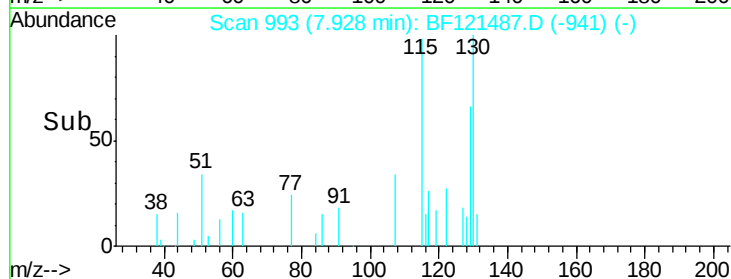
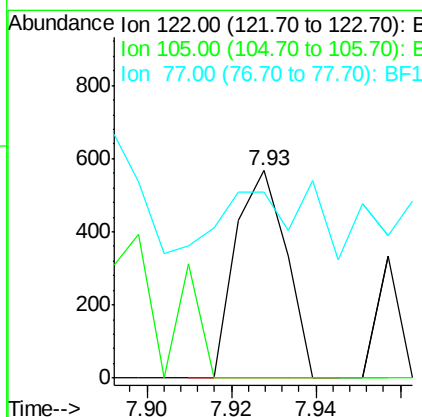
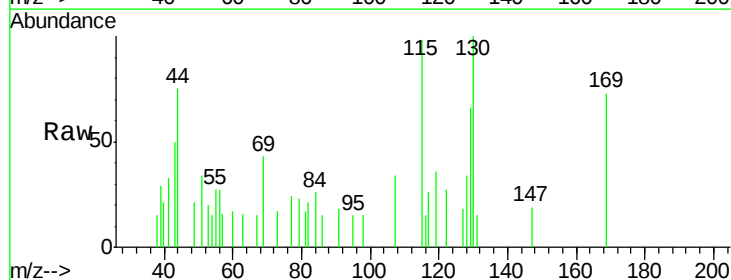
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-C

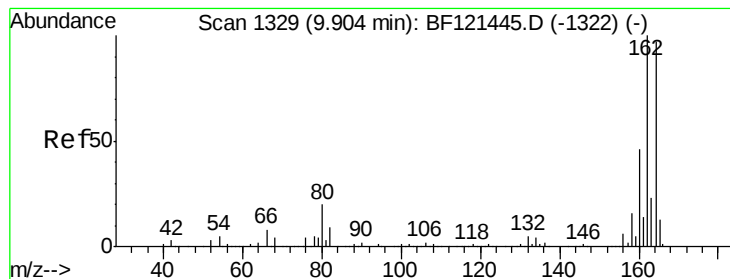
Tot Ion: 82 Resp: 894232
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 6.723 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Tgt Ion: 122 Resp: 471
Ion Ratio Lower Upper
122 100
105 0.0 100.8 140.8#
77 89.8 71.5 111.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-C

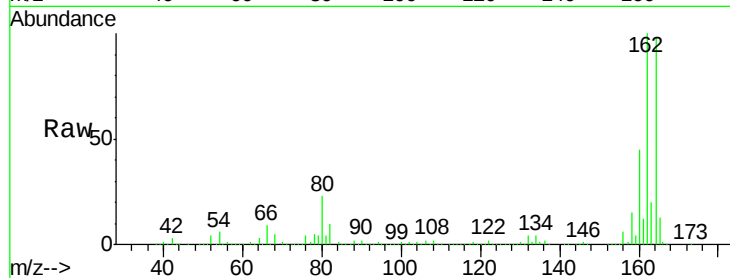
Tot Ion:164 Resp: 556238

Ion Ratio Lower Upper

164 100

162 102.3 82.4 123.6

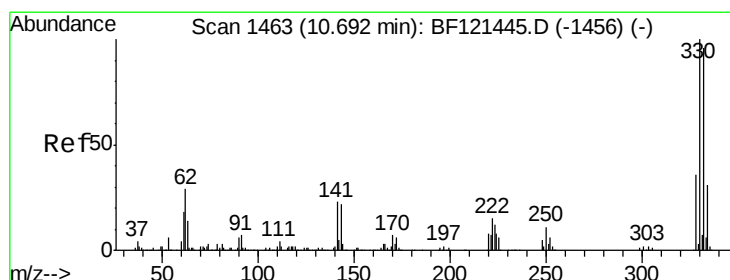
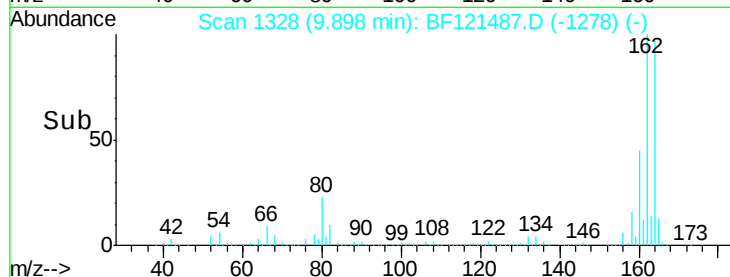
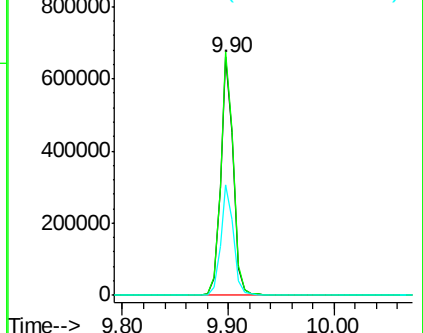
160 46.4 37.6 56.4



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: 62.839 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

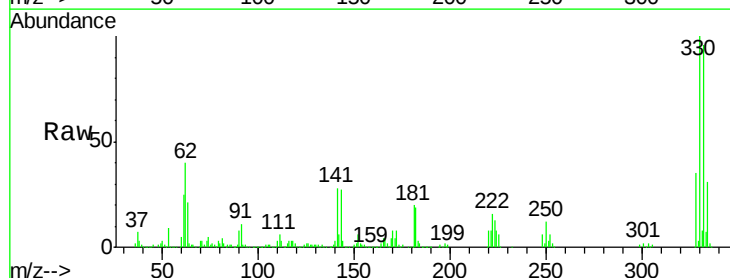
Tgt Ion:330 Resp: 353046

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.2

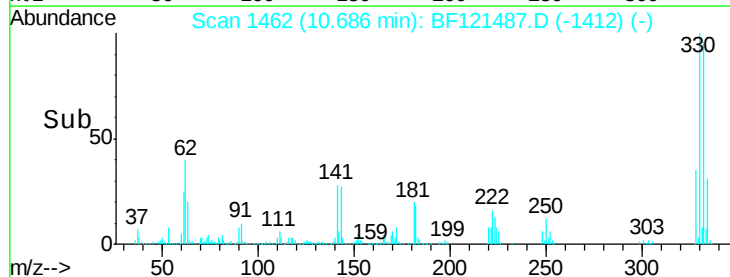
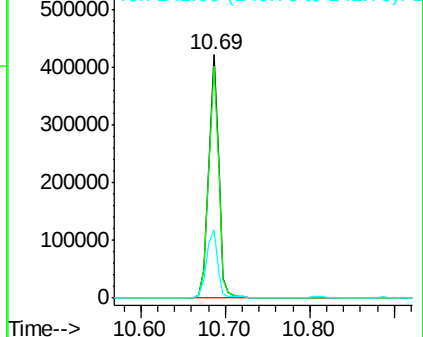
141 30.1 24.6 36.8

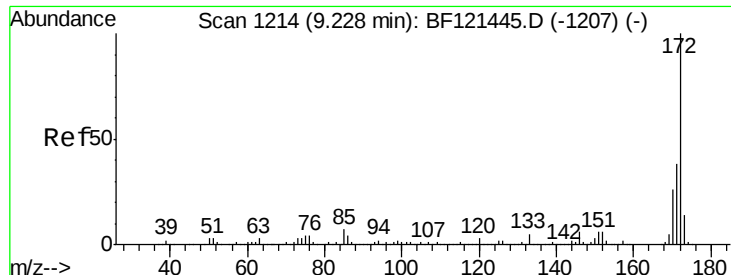


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

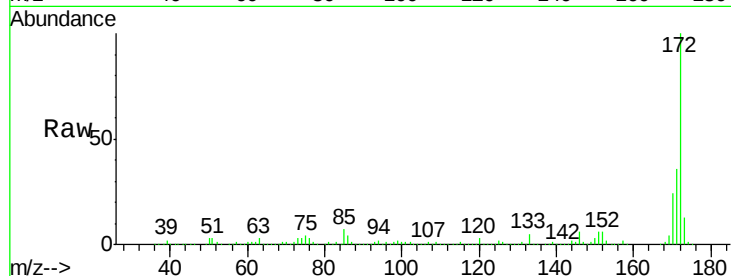




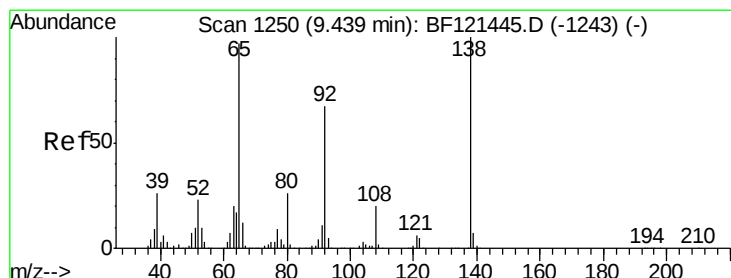
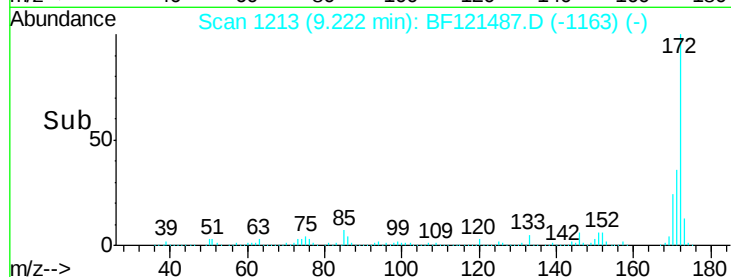
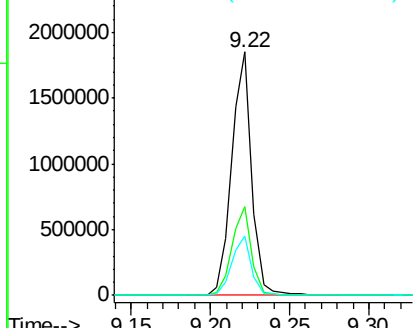
#45
2-Fluorobiphenyl
Concen: 46.722 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-C

Tot Ion:172 Resp: 1610681
Ion Ratio Lower Upper
172 100
171 36.4 30.6 45.8
170 24.5 20.6 31.0

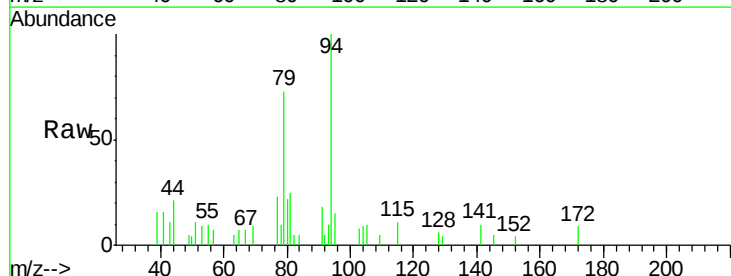


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

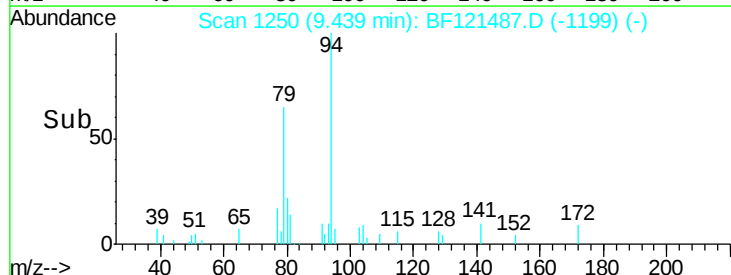
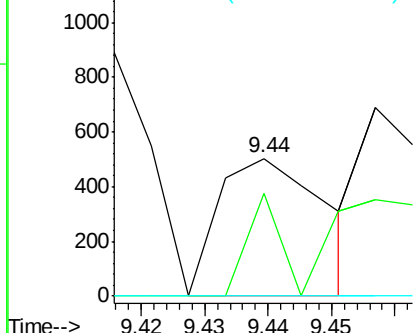


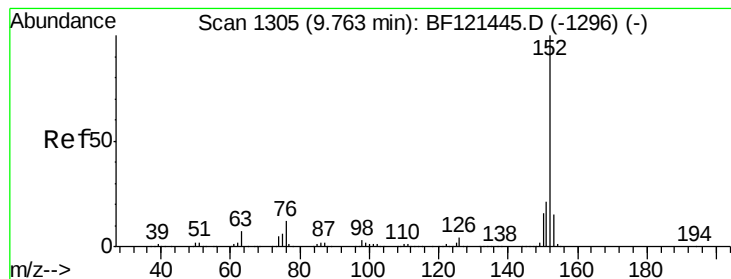
#48
2-Nitroaniline
Concen: 6.699 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Tgt Ion: 65 Resp: 583
Ion Ratio Lower Upper
65 100
92 74.4 55.6 83.4
138 0.0 82.9 124.3#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 5.431 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-C

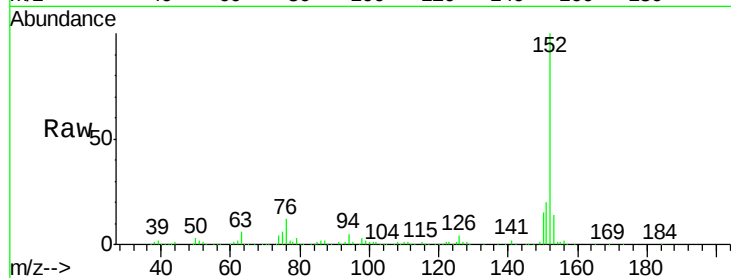
Tot Ion:152 Resp: 281051

Ion Ratio Lower Upper

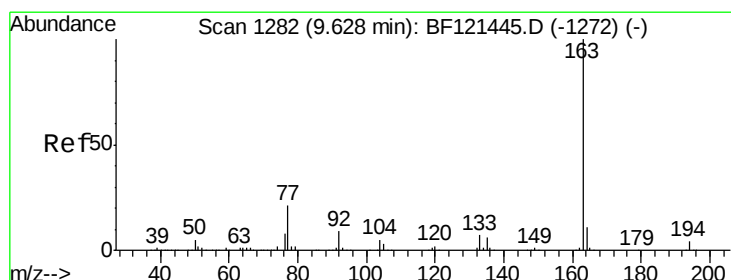
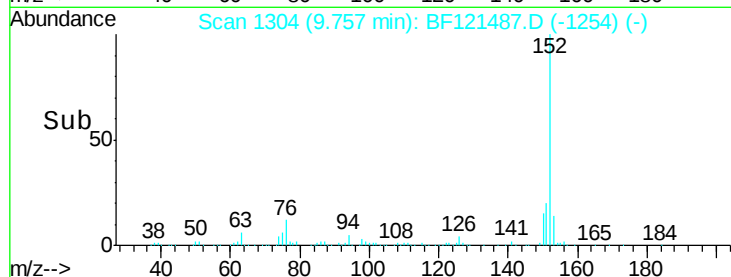
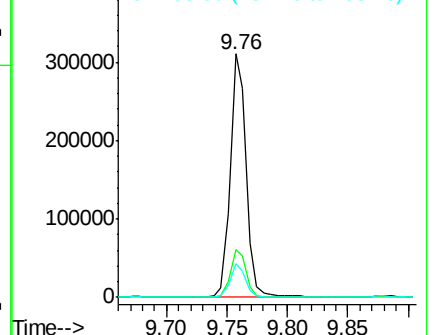
152 100

151 19.8 17.2 25.8

153 13.8 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.554 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

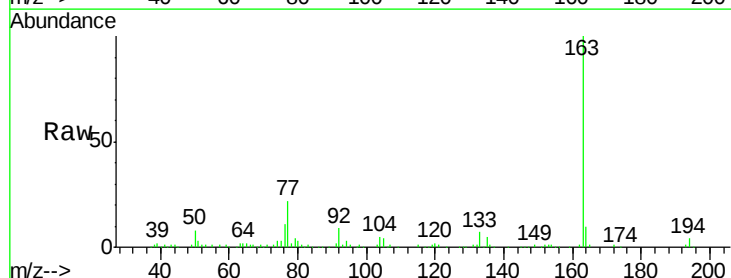
Tgt Ion:163 Resp: 97596

Ion Ratio Lower Upper

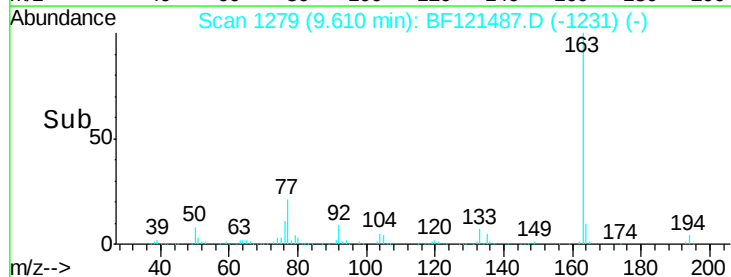
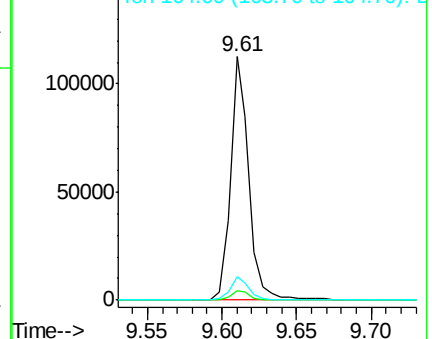
163 100

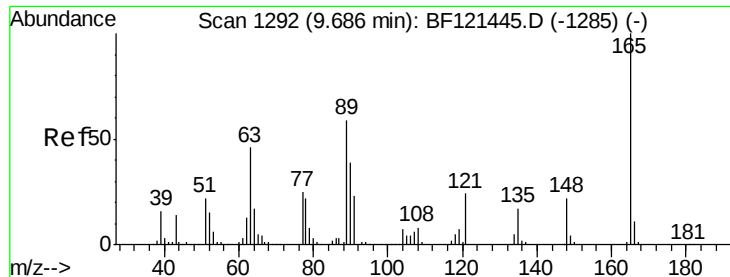
194 3.6 3.3 4.9

164 9.7 8.6 12.8



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

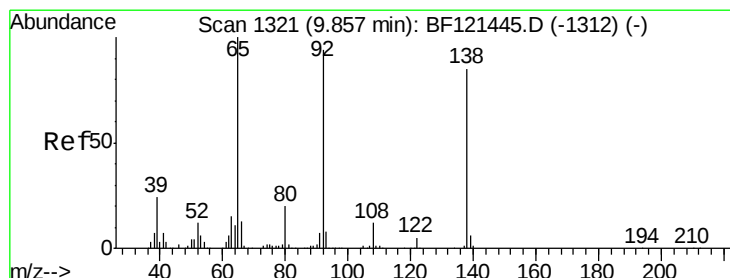
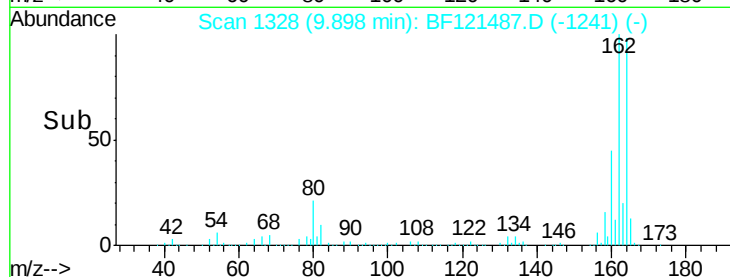
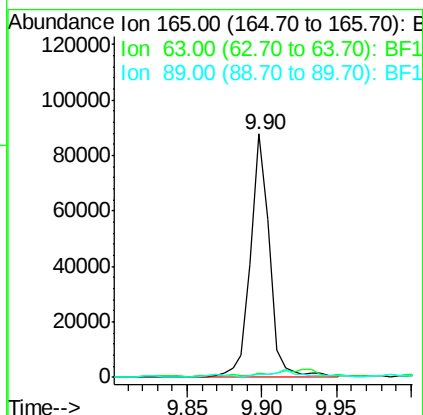
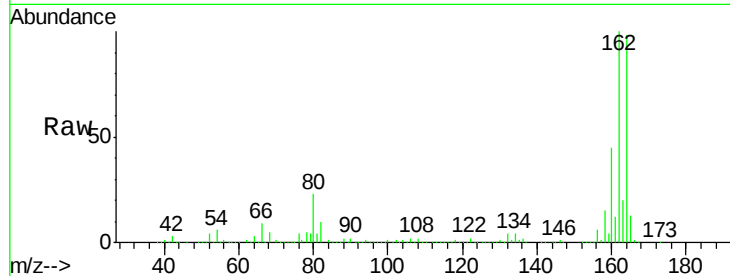




#51
 2,6-Dinitrotoluene
 Concen: 15.837 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF121487.D
 Acq: 31 Aug 2020 20:03

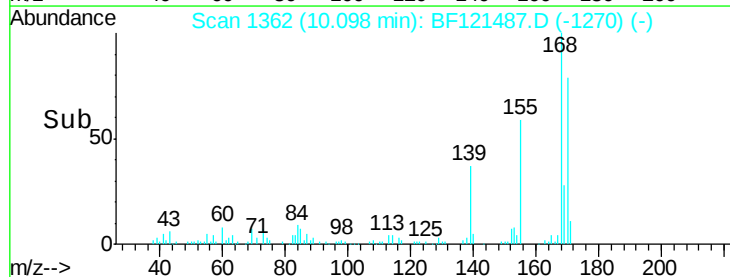
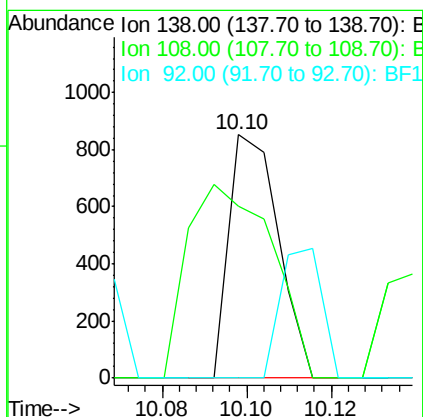
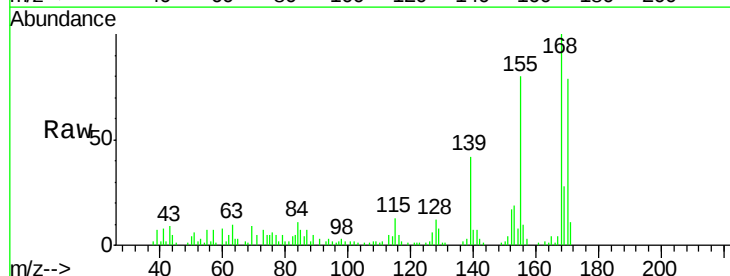
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-09-C

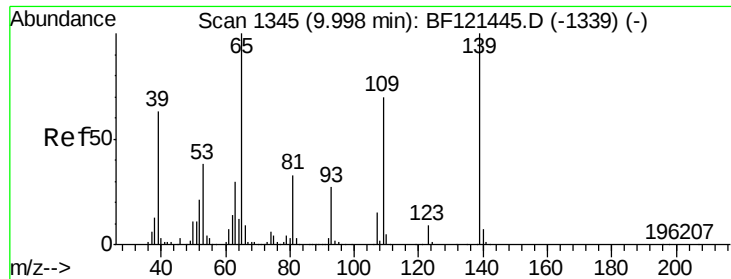
Tot Ion:165 Resp: 77851
 Ion Ratio Lower Upper
 165 100
 63 1.7 43.6 65.4#
 89 1.2 47.4 71.2#



#53
 3-Nitroaniline
 Concen: 5.519 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.24 min
 Lab File: BF121487.D
 Acq: 31 Aug 2020 20:03

Tgt Ion:138 Resp: 688
 Ion Ratio Lower Upper
 138 100
 108 70.6 11.6 17.4#
 92 0.0 88.6 132.8#

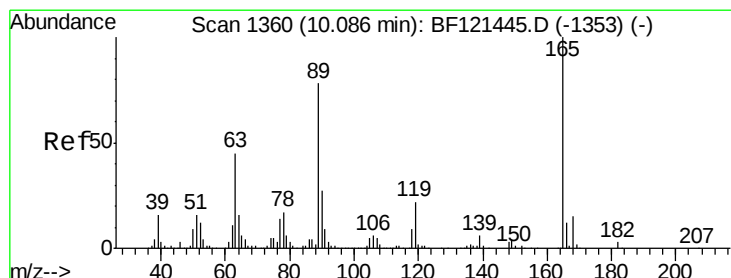
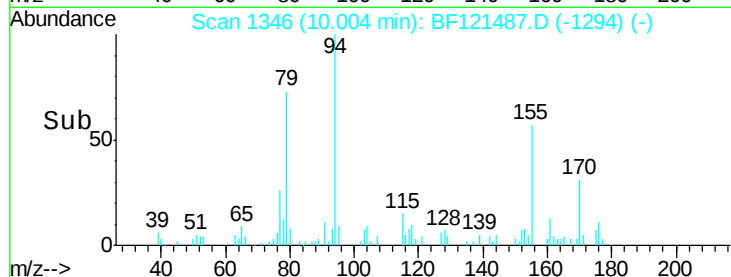
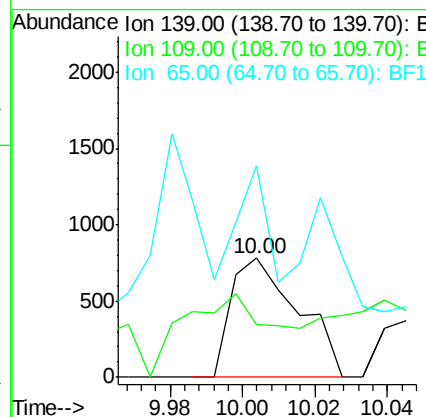
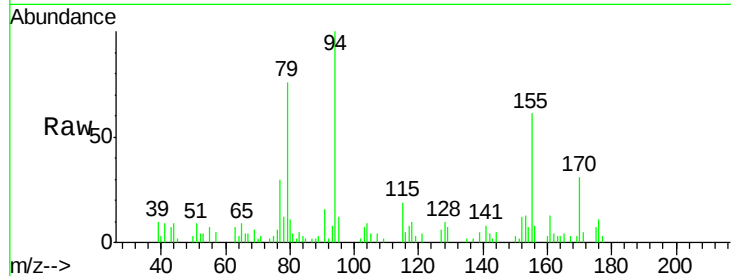




#56
4-Nitrophenol
Concen: 7.980 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

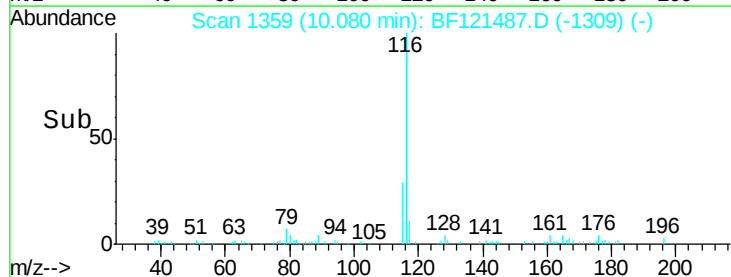
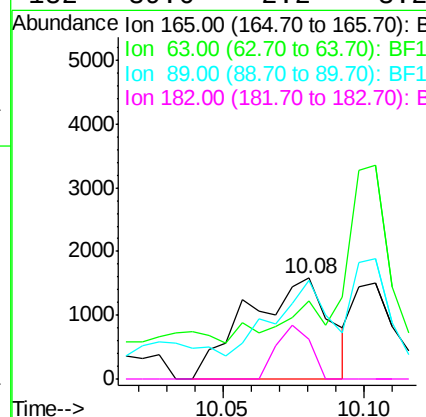
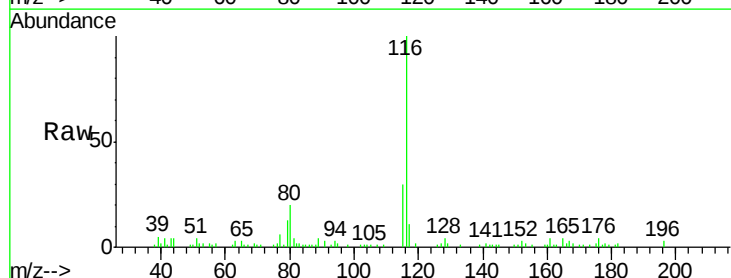
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-C

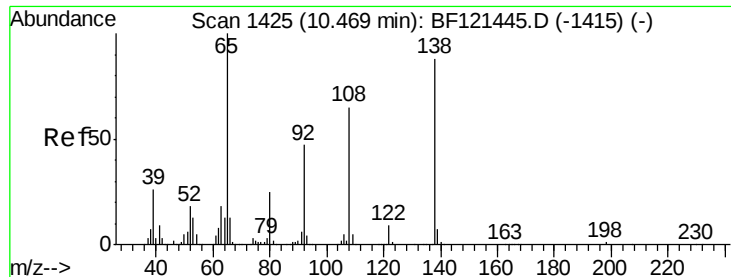
Tot Ion:139 Resp: 1007
Ion Ratio Lower Upper
139 100
109 44.5 50.5 90.5#
65 177.7 80.2 120.2#



#57
2,4-Dinitrotoluene
Concen: 7.586 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Tgt Ion:165 Resp: 3218
Ion Ratio Lower Upper
165 100
63 77.6 36.0 54.0#
89 97.5 62.6 93.8#
182 39.6 2.2 3.2#

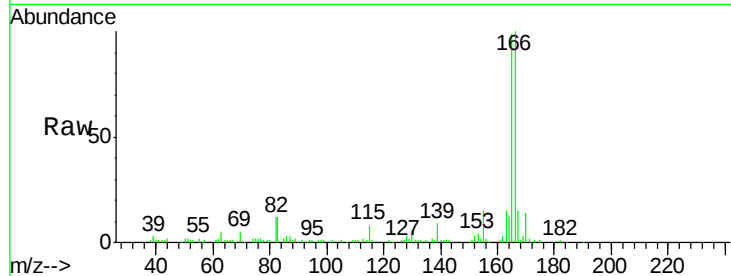




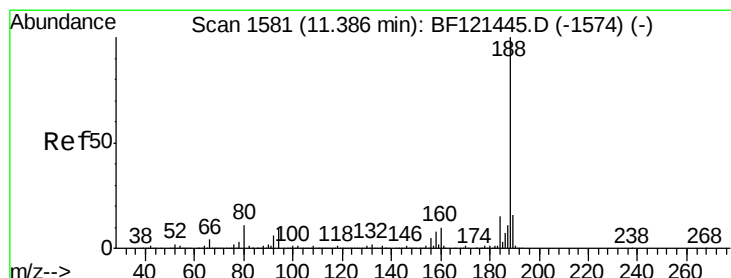
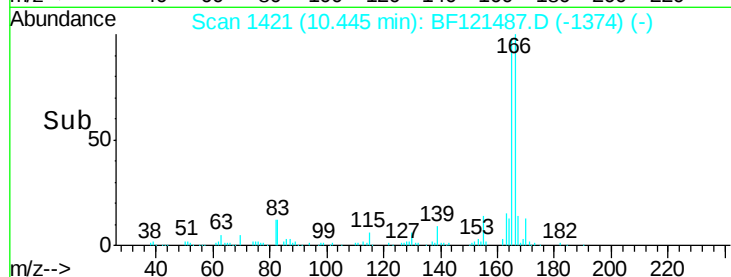
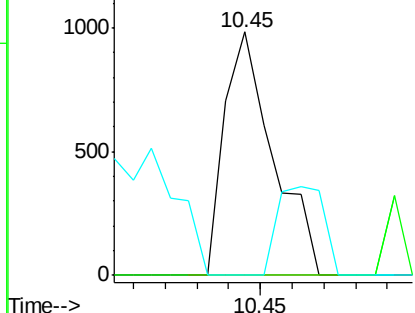
#62
4-Nitroaniline
Concen: 4.636 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-C

Tot Ion:138 Resp: 1042
Ion Ratio Lower Upper
138 100
92 0.0 33.2 73.2#
108 0.0 53.6 93.6#

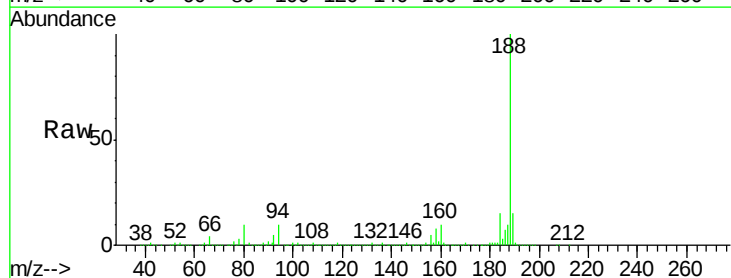


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

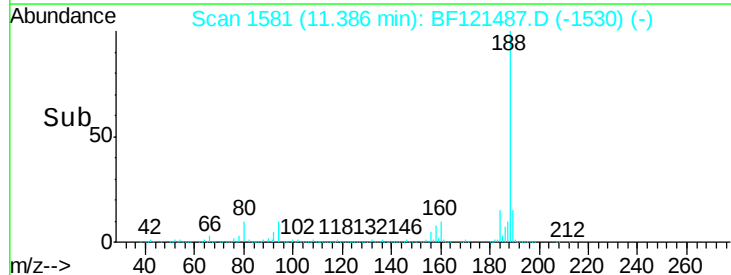
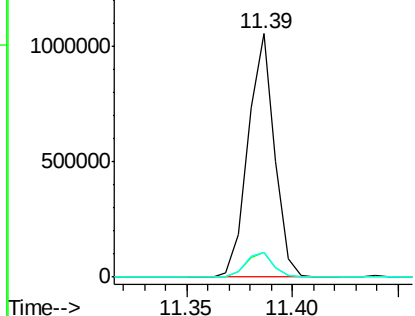


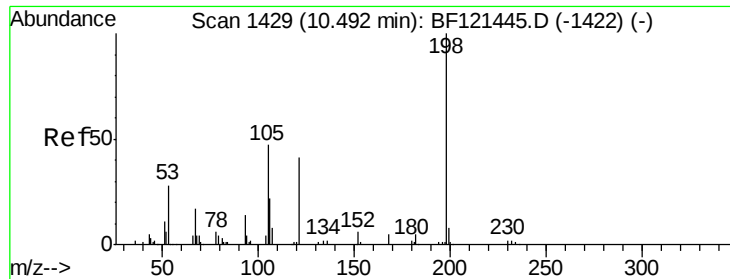
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Tgt Ion:188 Resp: 914170
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.2 8.6 13.0



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

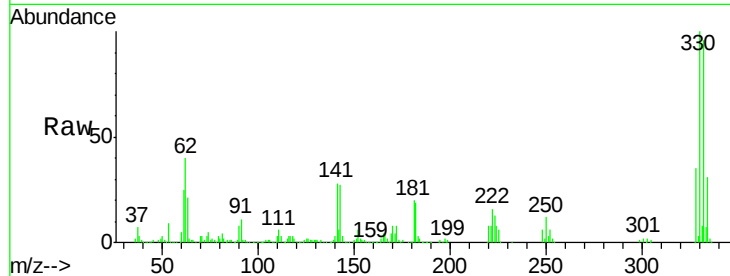




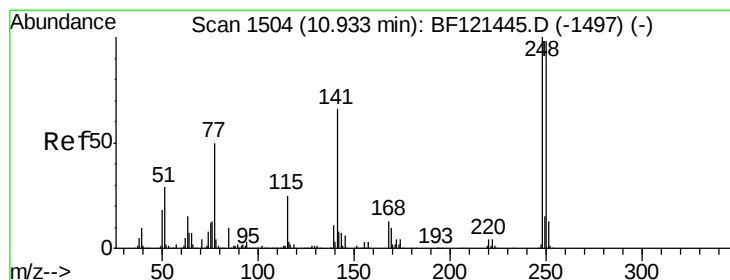
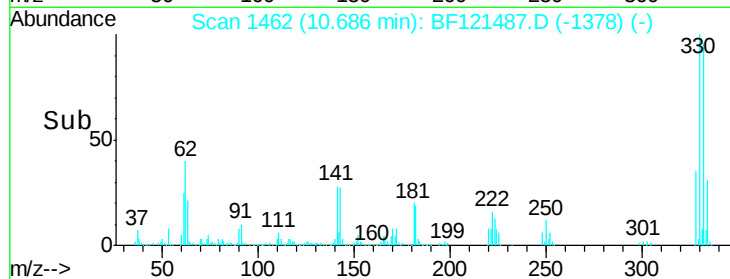
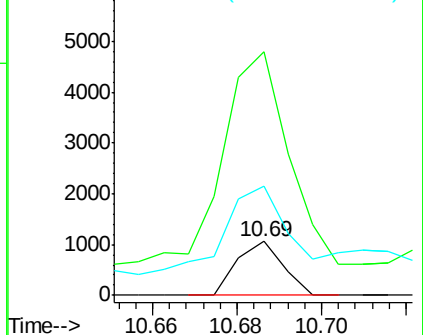
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.911 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.19 min
 Lab File: BF121487.D
 Acq: 31 Aug 2020 20:03

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-09-C

Tot Ion:198 Resp: 791
 Ion Ratio Lower Upper
 198 100
 51 453.9 29.0 69.0#
 105 204.2 29.1 69.1#

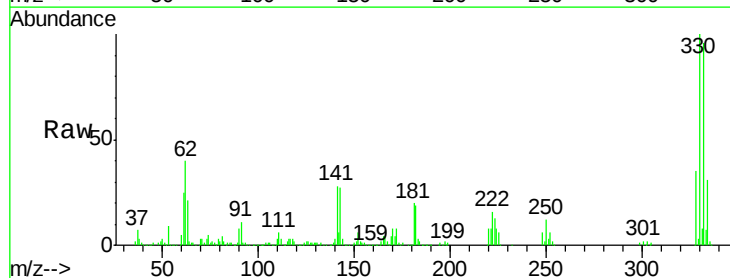


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

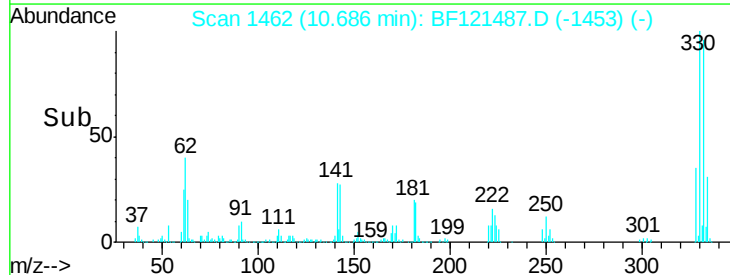
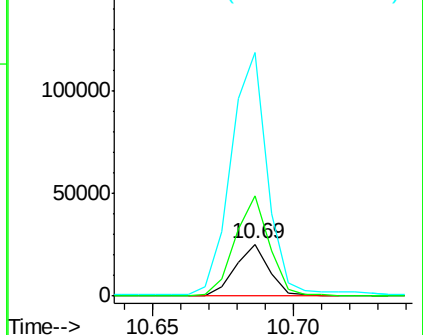


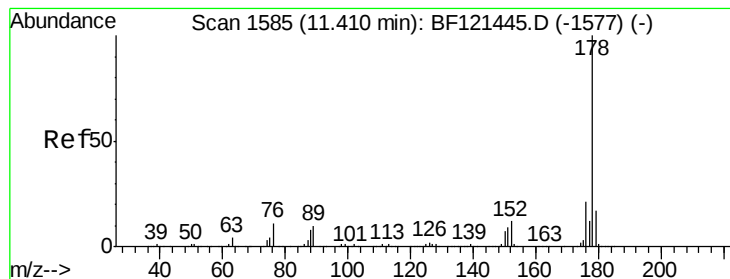
#67
 4-Bromophenyl-phenylether
 Concen: 2.083 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF121487.D
 Acq: 31 Aug 2020 20:03

Tgt Ion:248 Resp: 20947
 Ion Ratio Lower Upper
 248 100
 250 193.9 78.7 118.1#
 141 468.5 52.6 78.8#



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





#71

Phenanthrene

Concen: 30.416 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-C

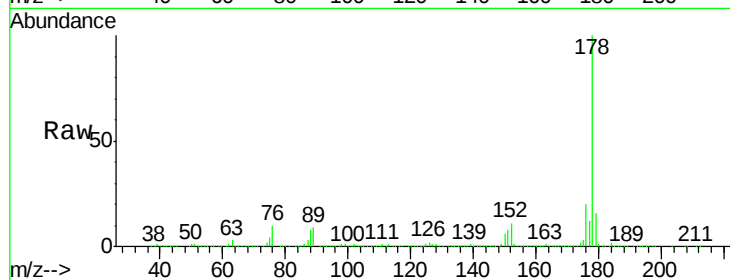
Tot Ion:178 Resp: 1426935

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.9	25.3
179	16.1	13.4	20.0

178 100

176 20.4 16.9 25.3

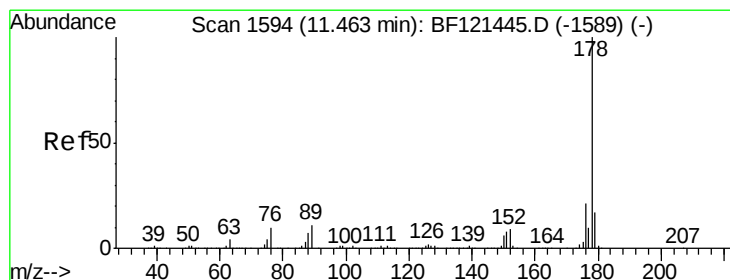
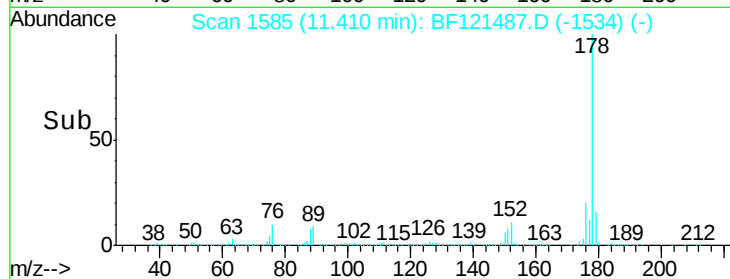
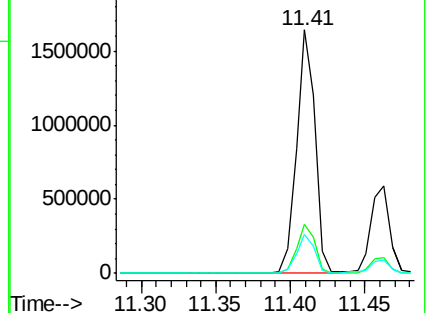
179 16.1 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 10.746 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

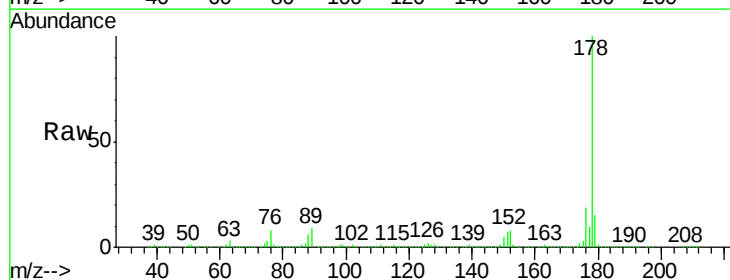
Tgt Ion:178 Resp: 495853

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.7	25.1
179	15.2	13.4	20.2

178 100

176 18.7 16.7 25.1

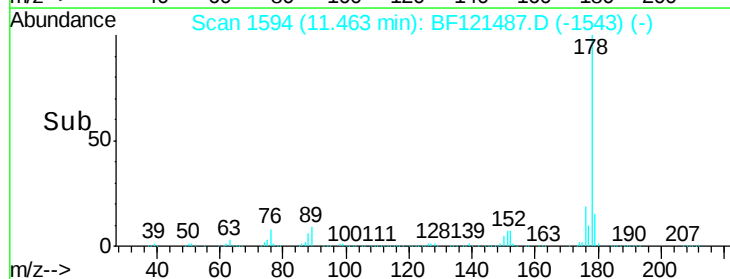
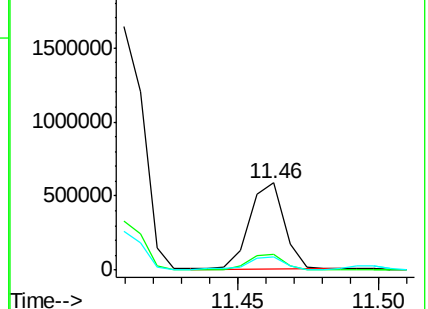
179 15.2 13.4 20.2

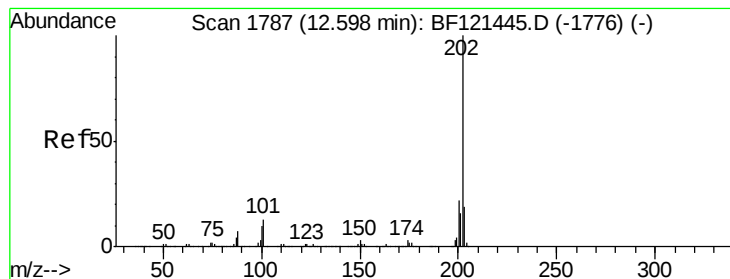


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 50.340 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-C

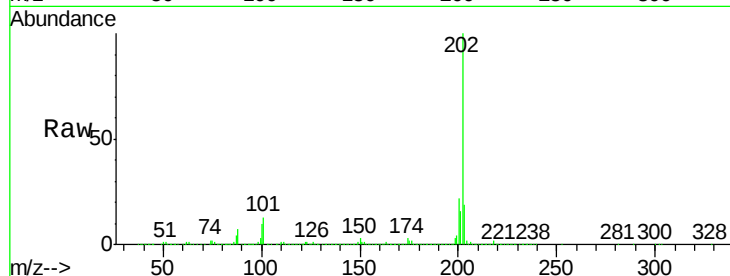
Tot Ion:202 Resp: 2545209

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.3

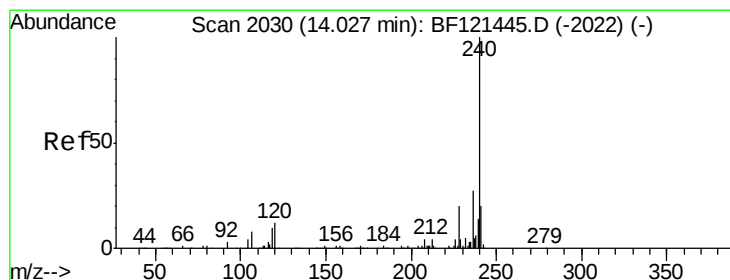
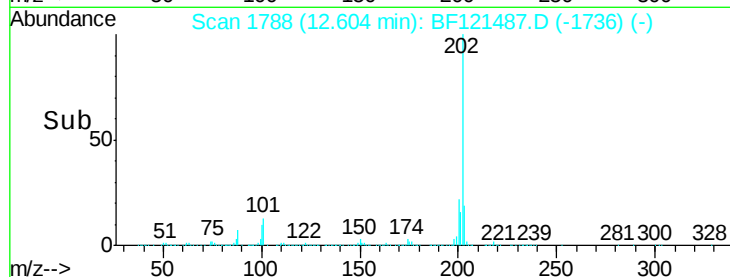
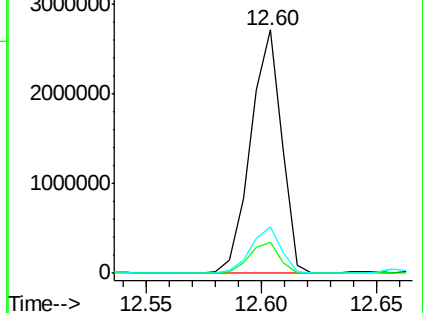
203 19.3 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

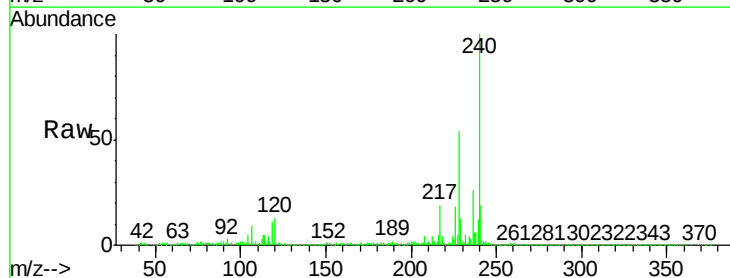
Tgt Ion:240 Resp: 657007

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

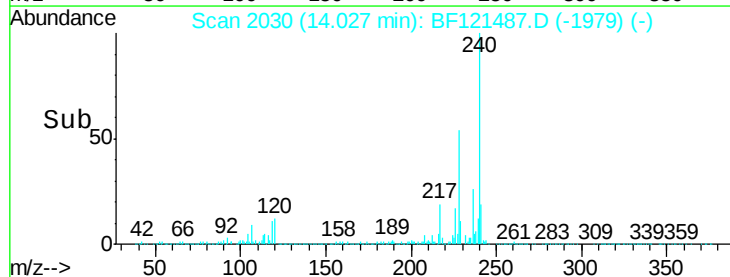
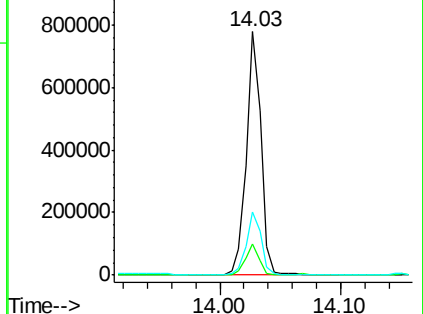
236 26.2 21.8 32.6

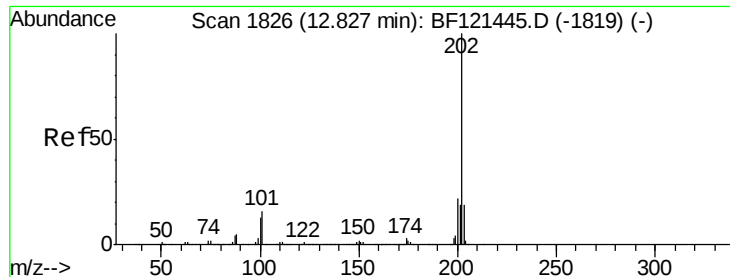


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 48.928 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-C

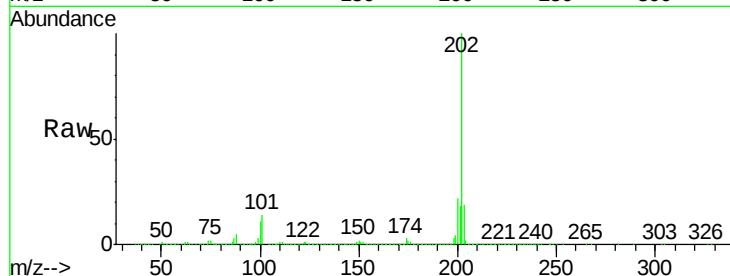
Tot Ion:202 Resp: 2295823

Ion Ratio Lower Upper

202 100

200 22.0 18.0 27.0

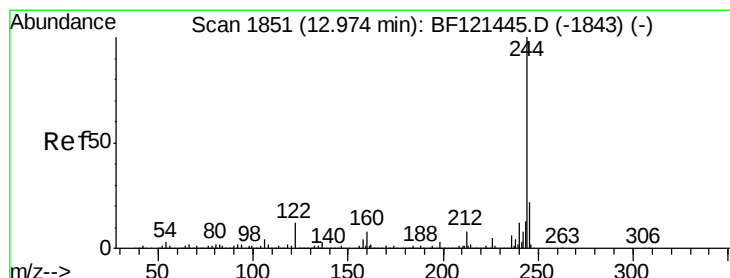
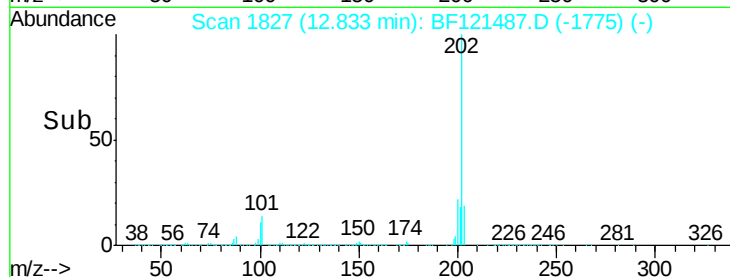
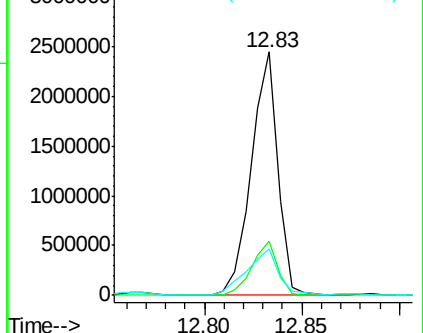
203 19.0 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 38.909 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

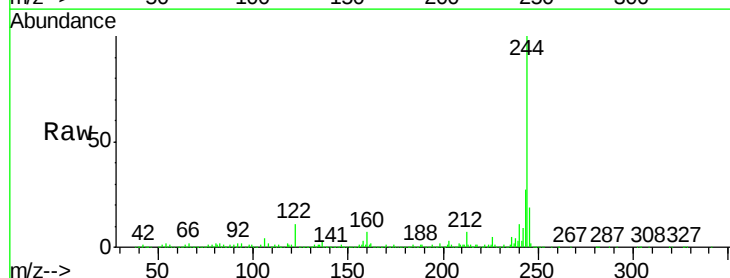
Tgt Ion:244 Resp: 1214450

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

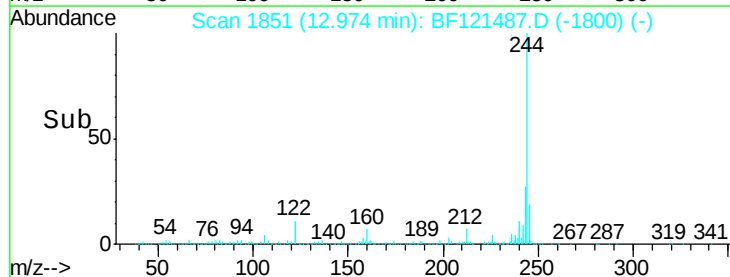
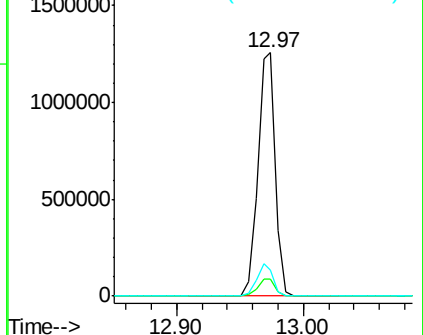
122 10.6 9.5 14.3

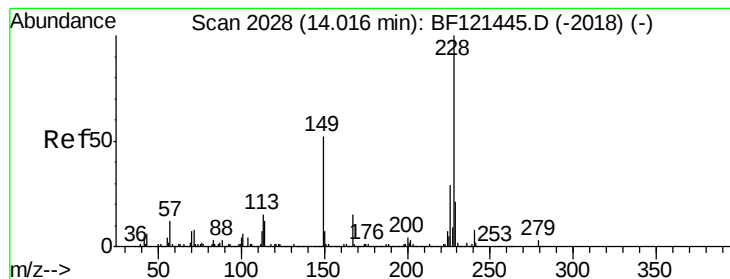


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 34.556 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-C

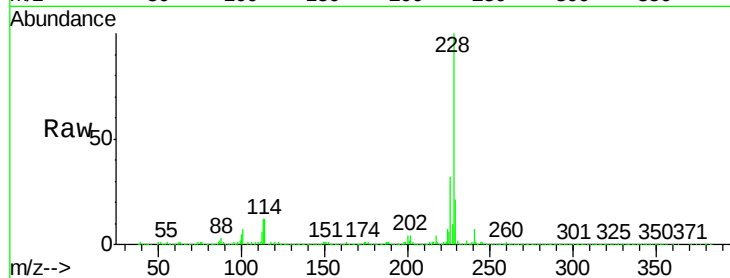
Tot Ion:228 Resp: 1385921

Ion Ratio Lower Upper

228 100

226 32.5 23.0 34.4

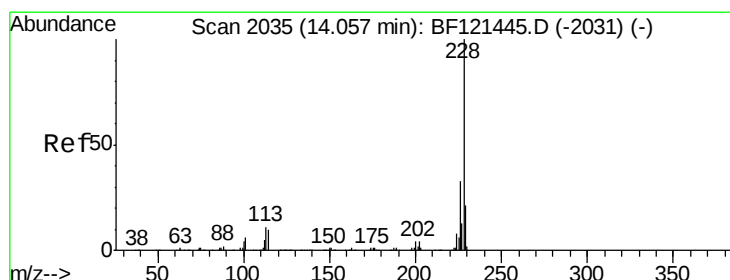
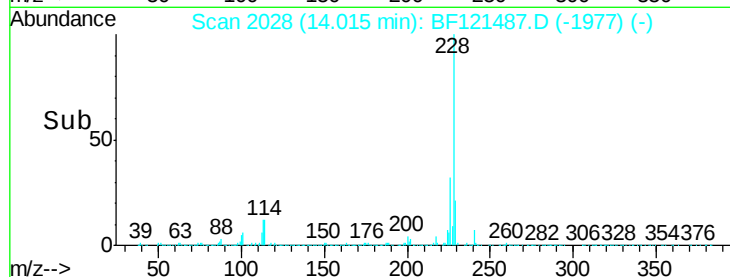
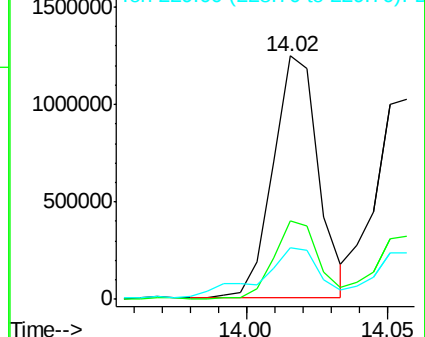
229 21.3 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 26.545 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

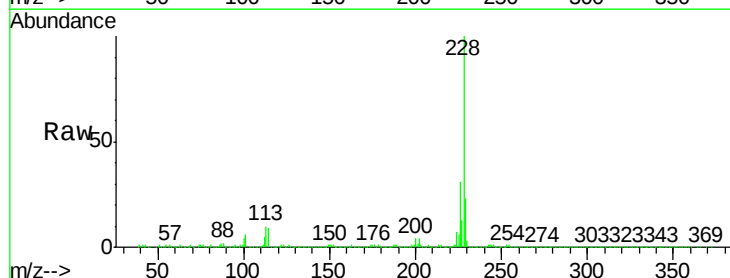
Tgt Ion:228 Resp: 1065122

Ion Ratio Lower Upper

228 100

226 31.4 26.2 39.2

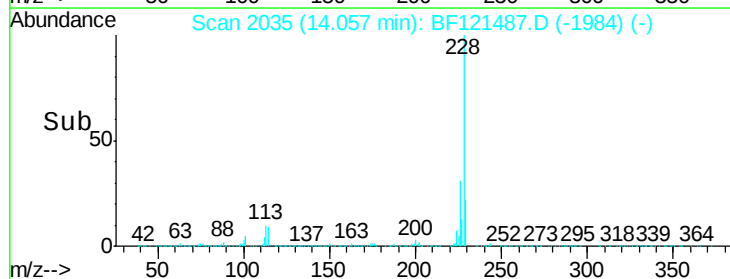
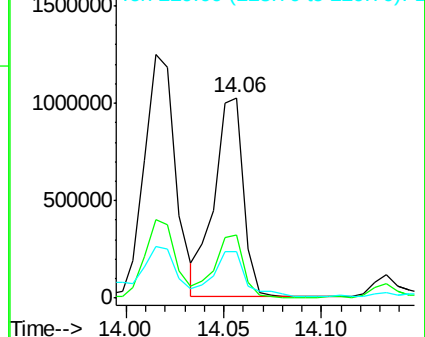
229 23.4 16.6 25.0

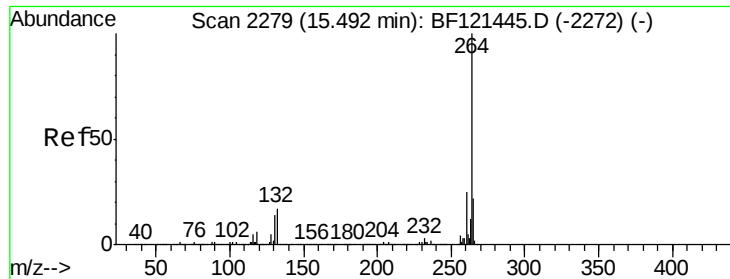


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

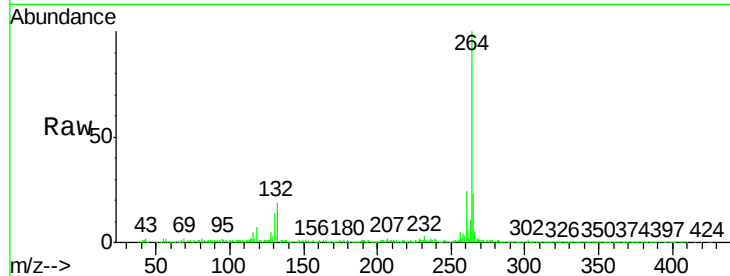




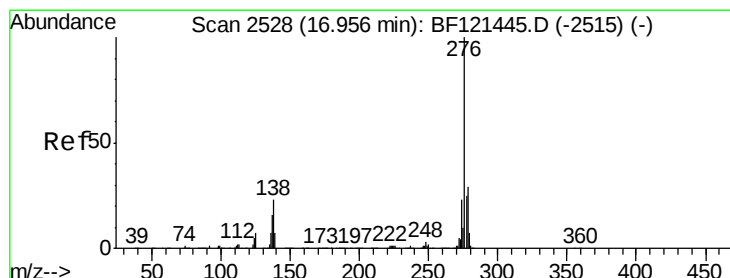
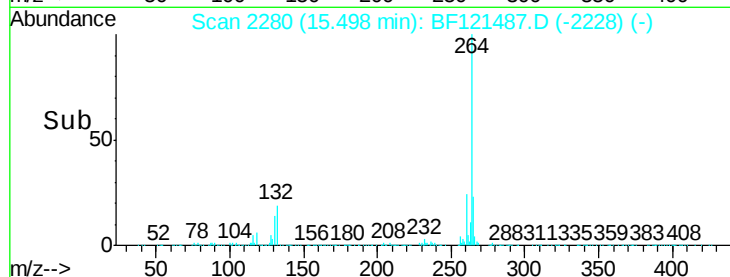
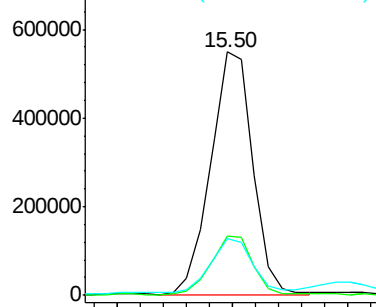
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-C

Tot Ion:264	Resp: 692493
Ion Ratio	Lower Upper
264 100	
260 24.5	19.6 29.4
265 23.4	17.8 26.6

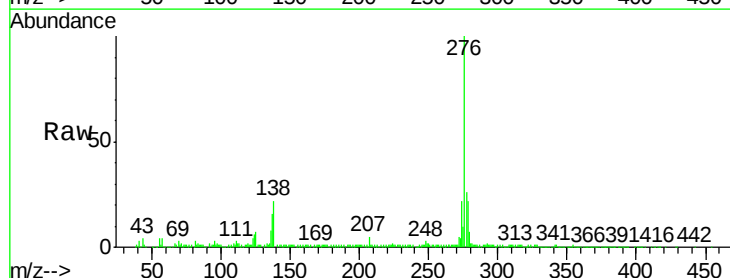


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

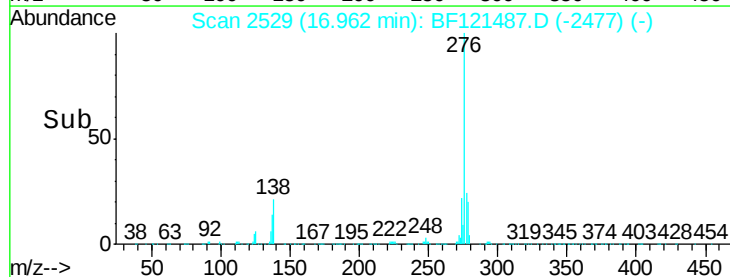
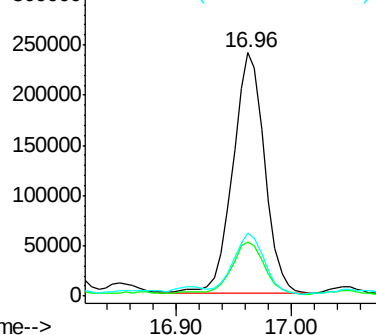


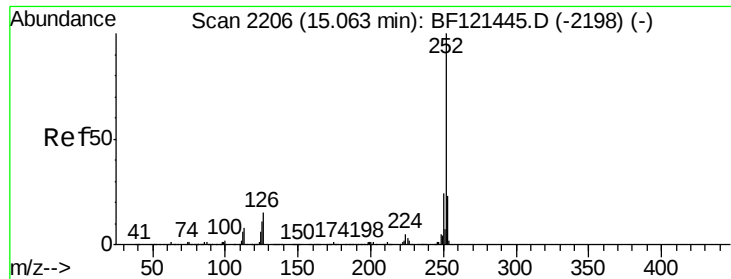
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.733 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Tgt	Ion:276	Resp:	457329
Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.6	31.0
277	24.8	20.5	30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

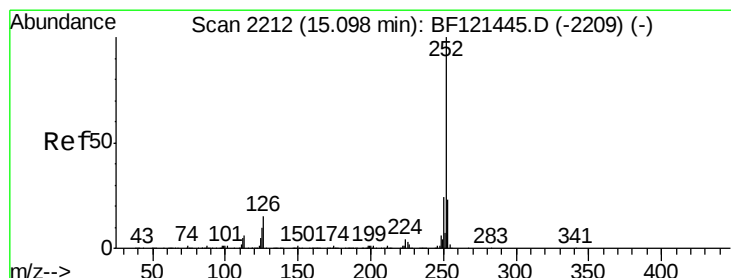
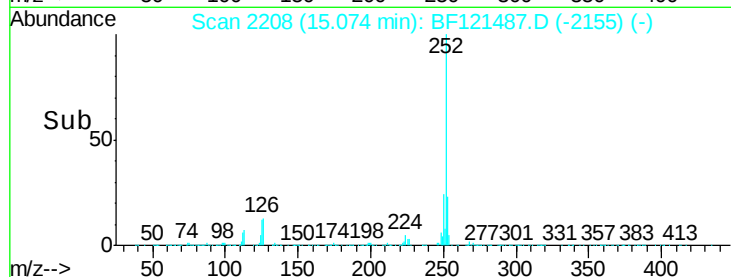
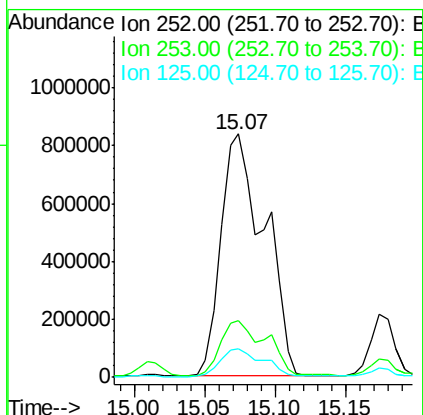
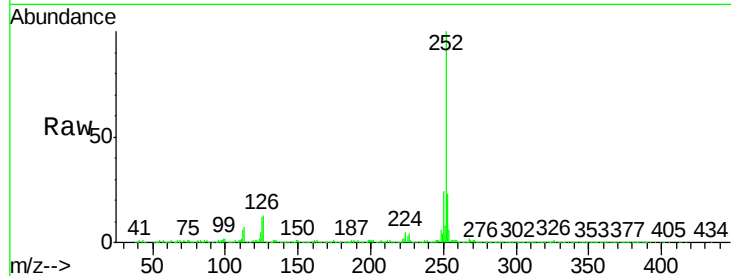




#88
Benzo(b)fluoranthene
Concen: 40.254 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

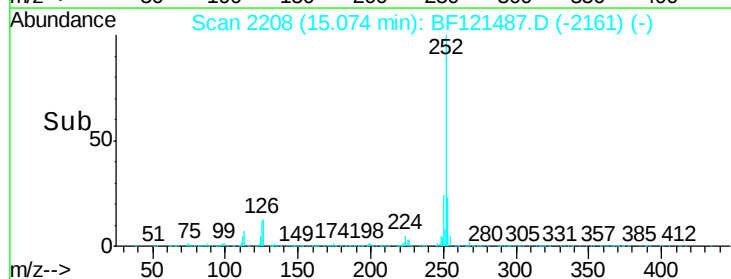
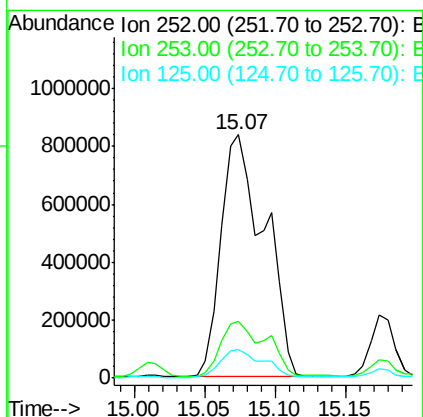
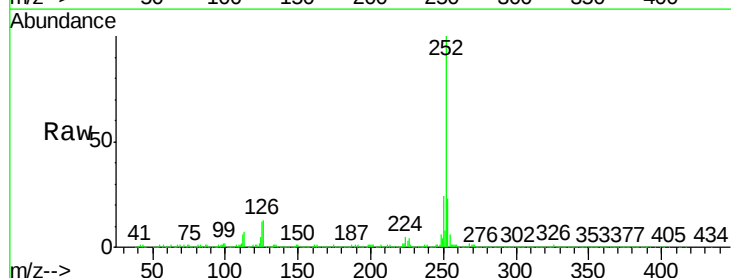
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-C

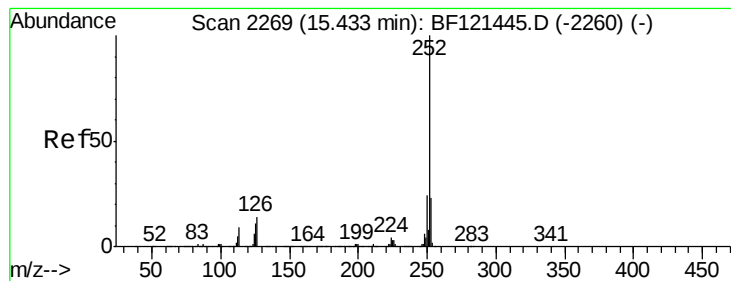
Tot Ion:252 Resp: 1813294
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 11.9 9.2 13.8



#89
Benzo(k)fluoranthene
Concen: 43.274 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF121487.D
Acq: 31 Aug 2020 20:03

Tgt Ion:252 Resp: 1813157
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 11.9 8.5 12.7





#90

Benzo(a)pyrene

Concen: 25.137 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-C

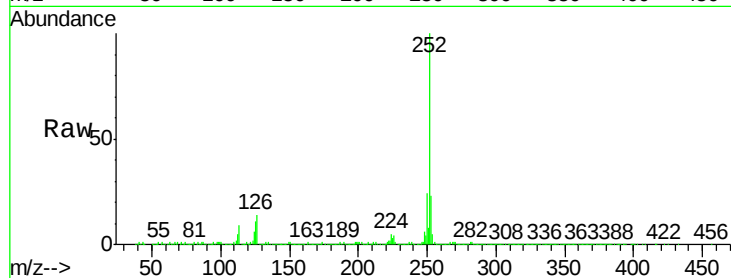
Tot Ion:252 Resp: 1018209

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

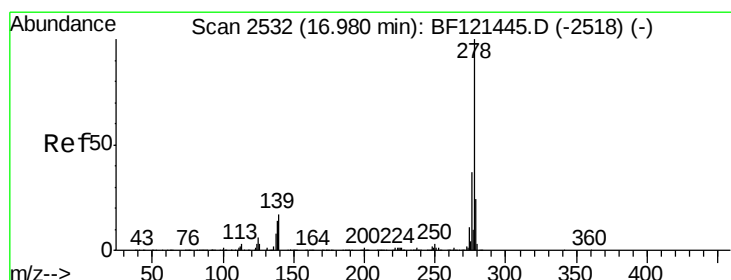
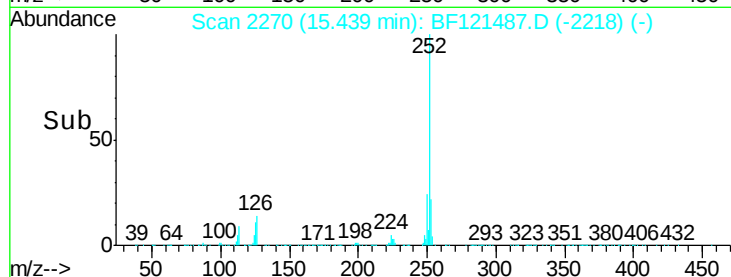
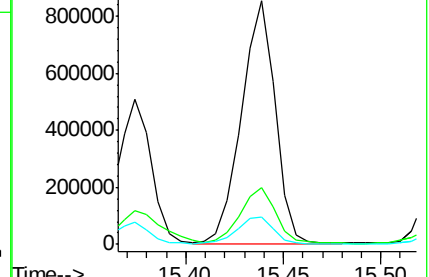
125 11.4 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 3.871 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.16 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

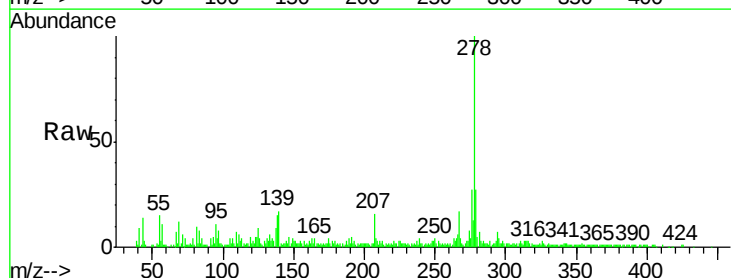
Tgt Ion:278 Resp: 135014

Ion Ratio Lower Upper

278 100

139 17.5 13.3 19.9

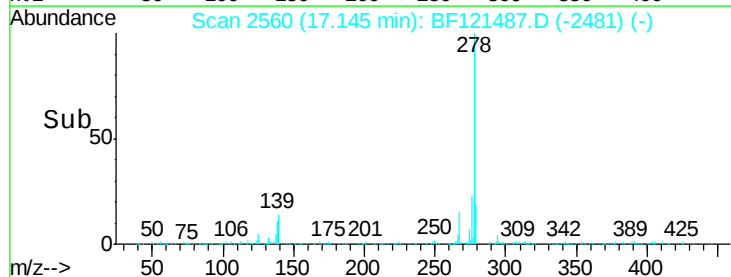
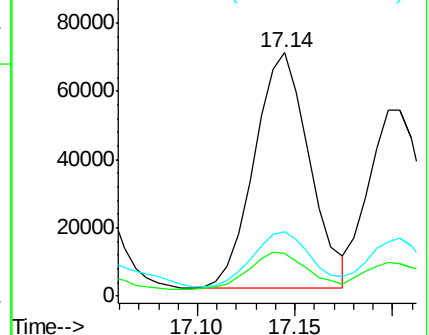
279 26.7 19.4 29.0

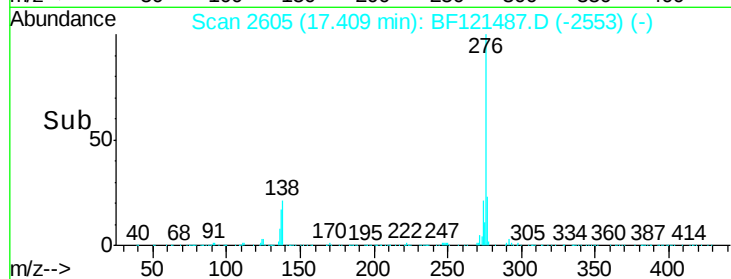
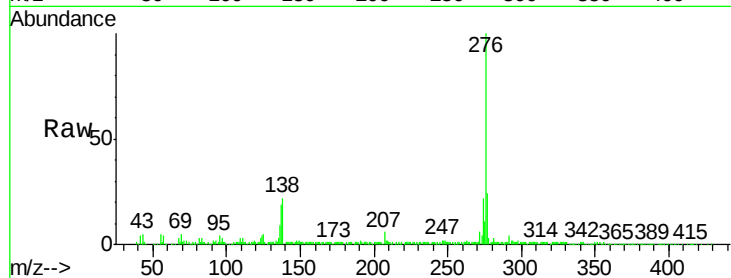
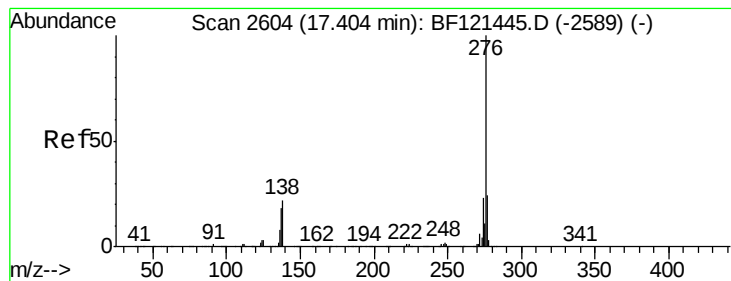


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 11.151 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BF121487.D

Acq: 31 Aug 2020 20:03

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-C

Tot Ion:276 Resp: 374655

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 21.9 17.4 26.0

