

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
 Data File : BF121519.D
 Acq On : 2 Sep 2020 17:57
 Operator : JU/CG
 Sample : L3858-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAM-WC-L-VB01

Quant Time: Sep 03 00:48:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	549161	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	2028058	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	1068361	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1780413	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1178854	20.00	ng	0.01
86) Perylene-d12	15.49	264	1456344	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	133564	4.08	ng	0.00
7) Phenol-d6	6.46	99	121185	2.65	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1215294	40.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	111254	10.31	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2256105	34.07	ng	0.00
79) Terphenyl-d14	12.97	244	1637216	29.23	ng	0.01

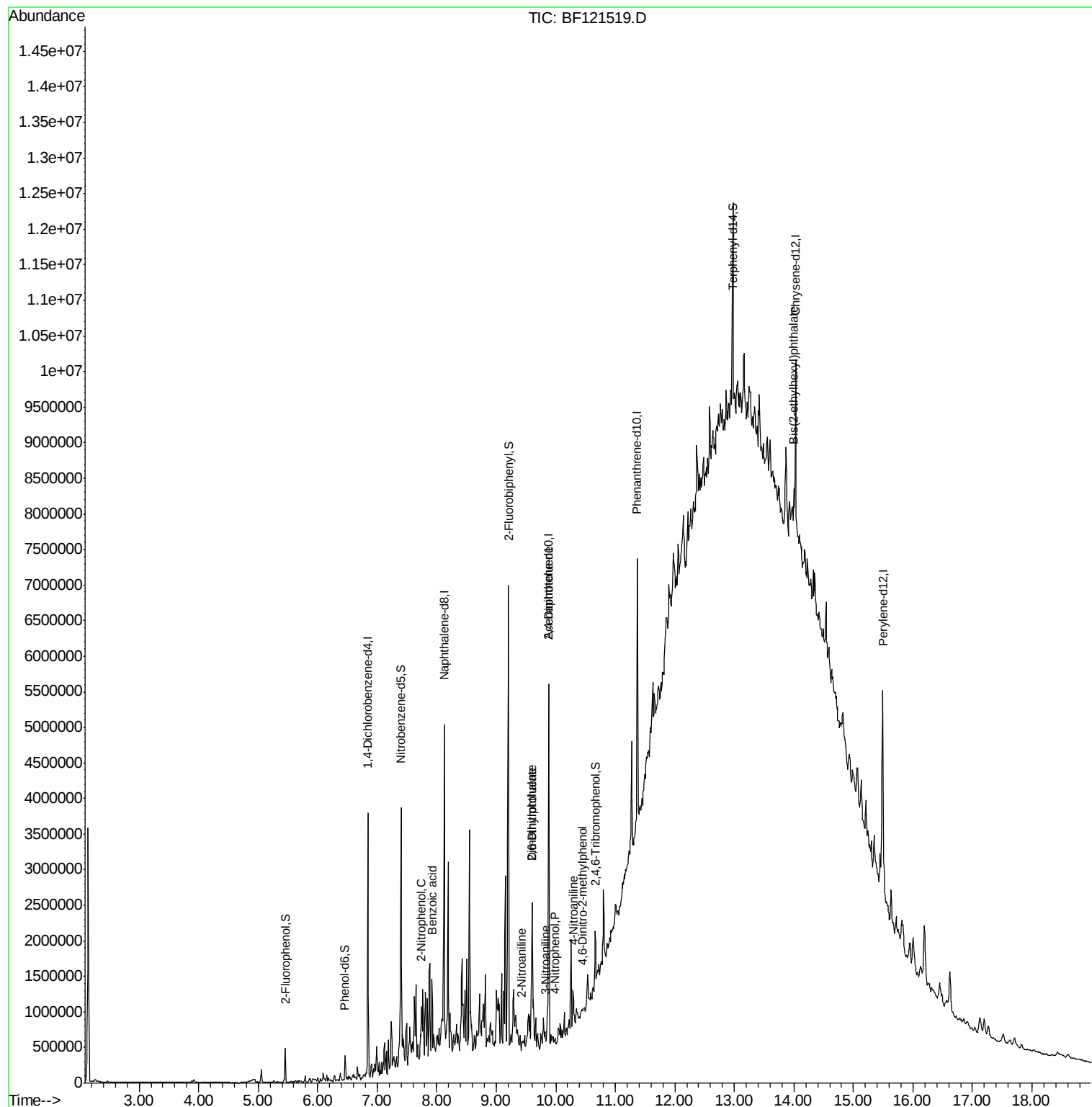
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.39	77	3077	Below Cal		# 73
26) 2-Nitrophenol	7.75	139	5348	5.318	ng	# 7
32) Benzoic acid	7.92	122	3870	6.948	ng	# 1
48) 2-Nitroaniline	9.43	65	481	6.670	ng	# 61
50) Dimethylphthalate	9.59	163	440221	5.999	ng	# 98
51) 2,6-Dinitrotoluene	9.59	165	5304	6.753	ng	# 43
53) 3-Nitroaniline	9.83	138	2122	5.559	ng	# 15
54) 2,4-Dinitrophenol	9.80	184	287	Below Cal		# 1
56) 4-Nitrophenol	9.99	139	1628	7.960	ng	# 1
57) 2,4-Dinitrotoluene	9.88	165	144504	14.517	ng	# 25
62) 4-Nitroaniline	10.29	138	4414	4.758	ng	# 90
65) 4,6-Dinitro-2-methylphenol	10.45	198	407	5.519	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.00	149	261838	6.250	ng	# 98

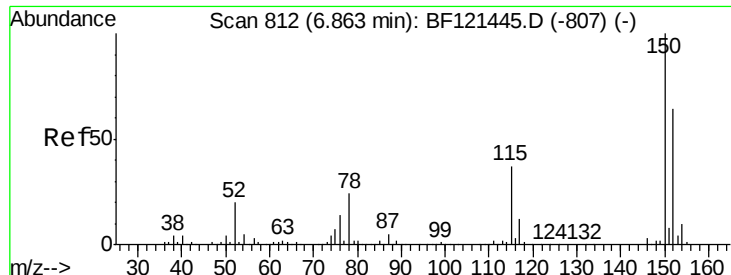
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
Data File : BF121519.D
Acq On : 2 Sep 2020 17:57
Operator : JU/CG
Sample : L3858-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAM-WC-L-VB01

Quant Time: Sep 03 00:48:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration



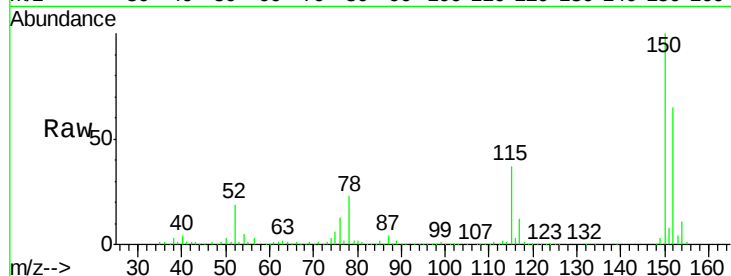


#1

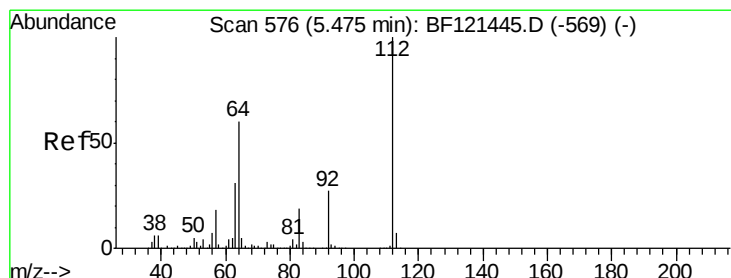
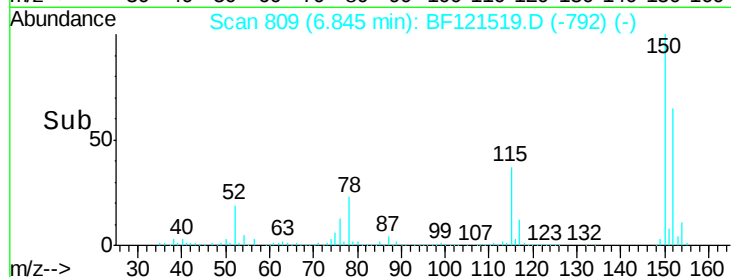
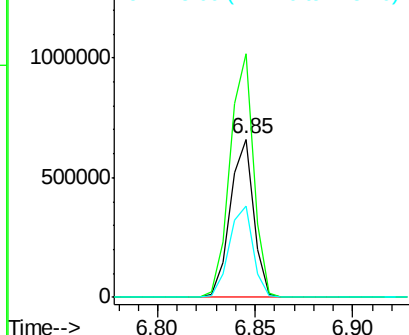
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

Instrument :
BNA_F
ClientSampleId :
HAM-WC-L-VB01

Tot Ion:152 Resp: 549161
Ion Ratio Lower Upper
152 100
150 153.8 126.1 189.1
115 57.5 48.4 72.6



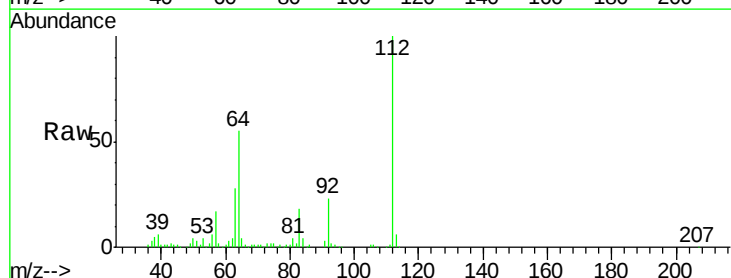
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



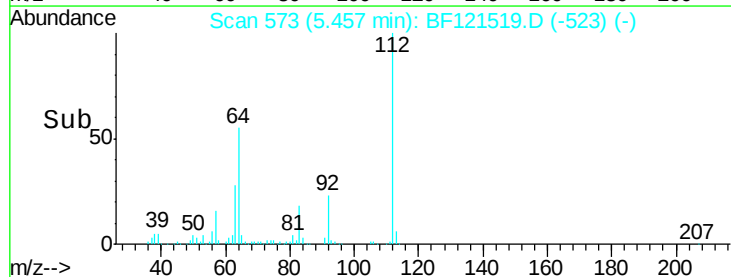
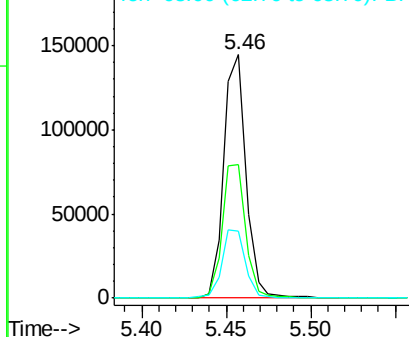
#5

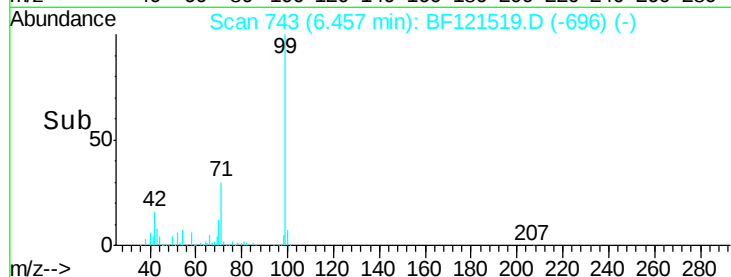
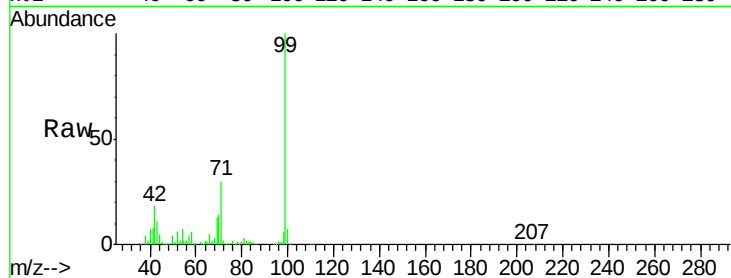
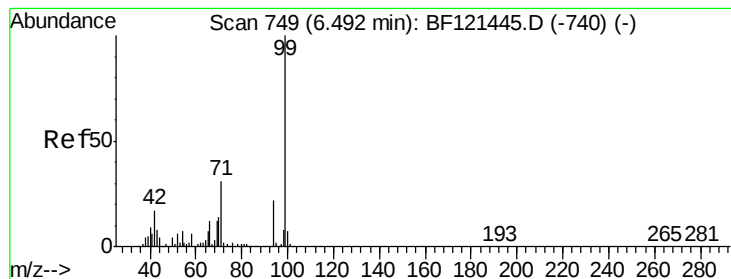
2-Fluorophenol
Concen: 4.081 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

Tgt Ion:112 Resp: 133564
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 27.6 23.4 35.2



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: 2.649 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Instrument :

BNA_F

ClientSampleId :

HAM-WC-L-VB01

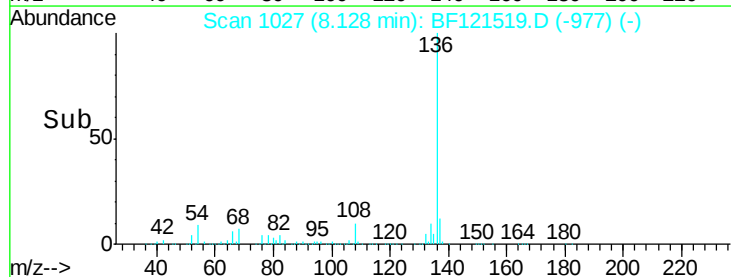
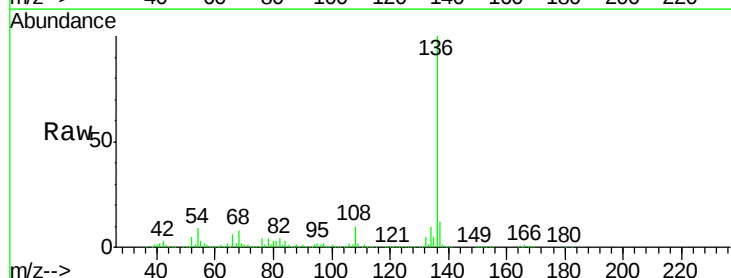
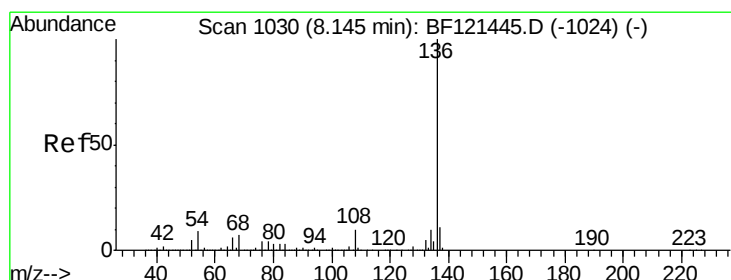
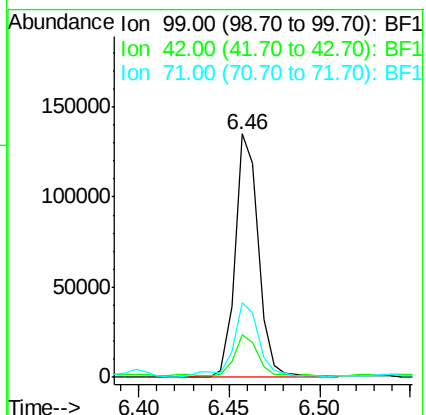
Tot Ion: 99 Resp: 121185

Ion Ratio Lower Upper

99 100

42 17.6 13.0 19.4

71 30.4 24.8 37.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Tgt Ion: 136 Resp: 2028058

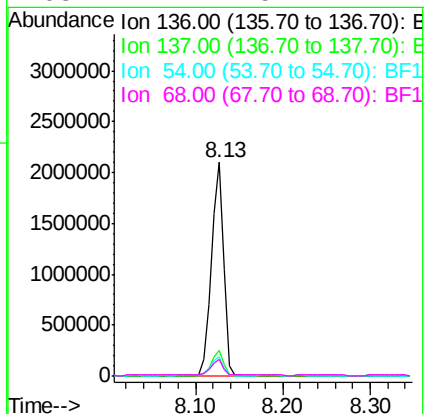
Ion Ratio Lower Upper

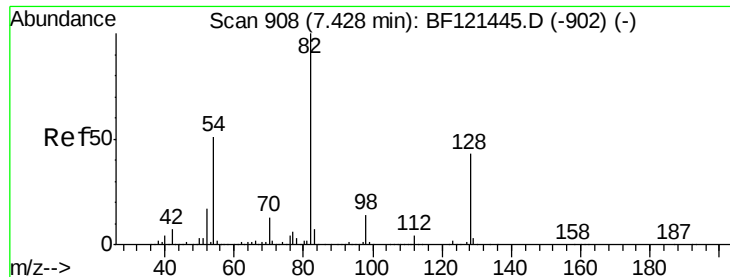
136 100

137 11.8 8.9 13.3

54 8.9 6.2 9.4

68 7.7 5.1 7.7

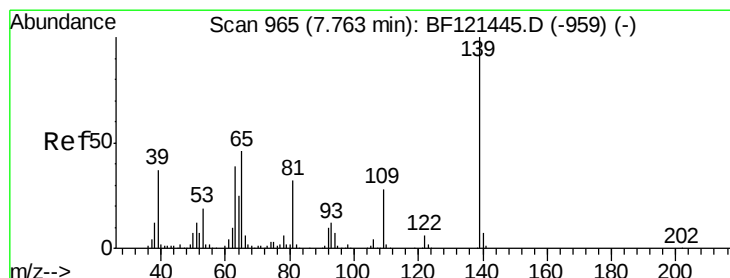
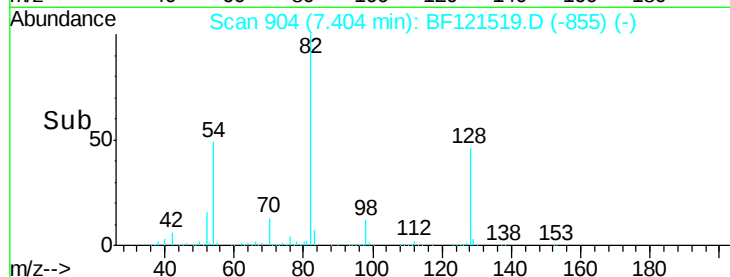
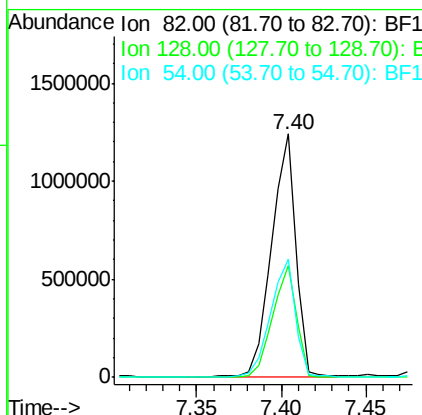
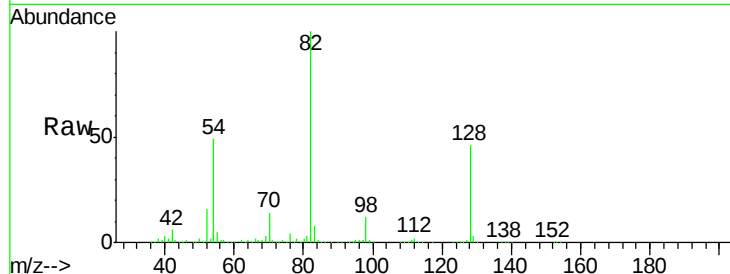




#23
Nitrobenzene-d5
Concen: 40.967 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

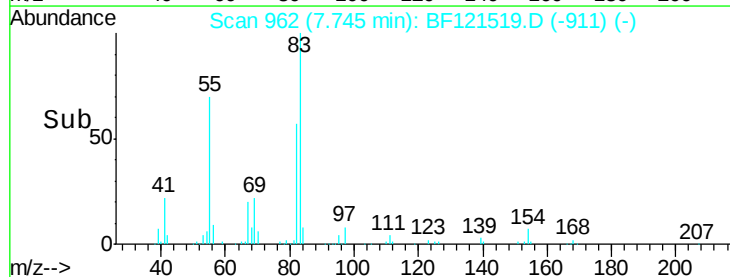
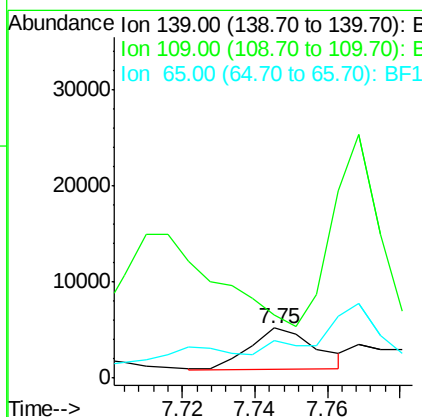
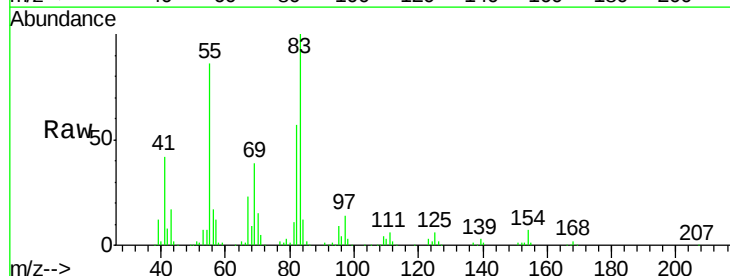
Instrument :
BNA_F
ClientSampleId :
HAM-WC-L-VB01

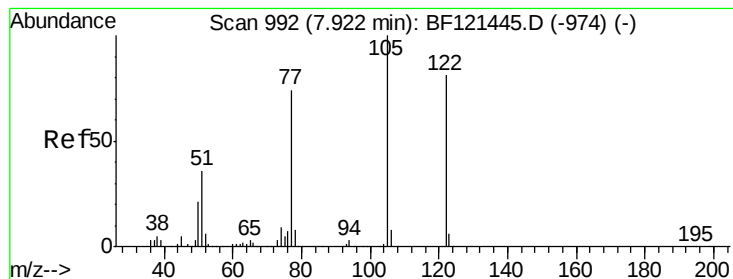
Tot Ion: 82 Resp: 1215294
Ion Ratio Lower Upper
82 100
128 45.9 37.3 55.9
54 48.6 39.0 58.6



#26
2-Nitrophenol
Concen: 5.318 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

Tgt Ion:139 Resp: 5348
Ion Ratio Lower Upper
139 100
109 125.5 22.0 33.0#
65 76.2 39.3 58.9#





#32

Benzoic acid

Concen: 6.948 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Instrument :

BNA_F

ClientSampleId :

HAM-WC-L-VB01

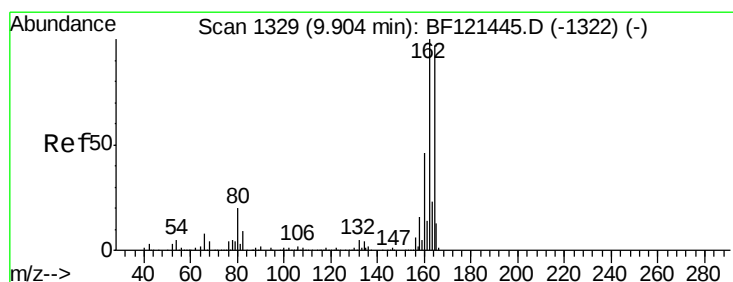
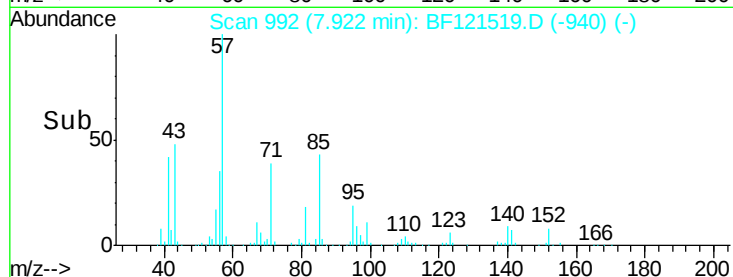
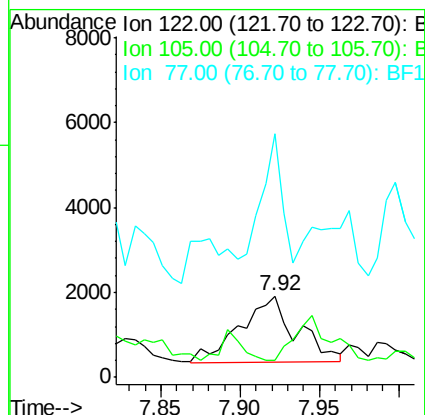
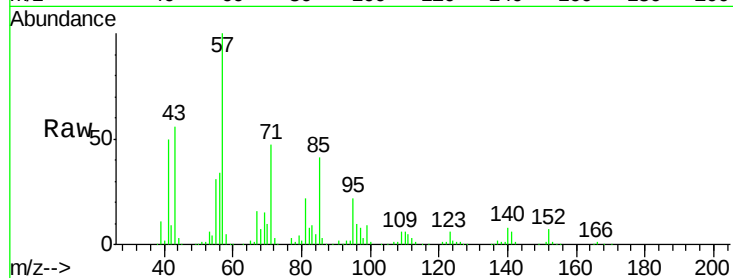
Tot Ion:122 Resp: 3870

Ion Ratio Lower Upper

122 100

105 21.6 102.2 142.2#

77 299.2 69.8 109.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

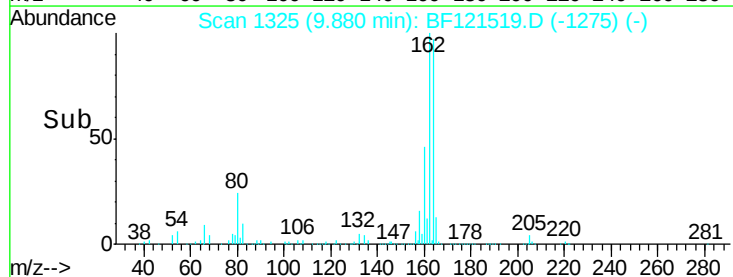
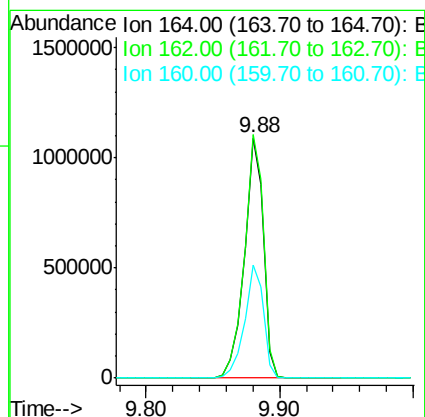
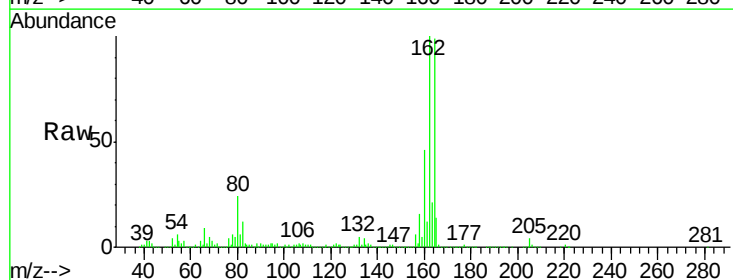
Tgt Ion:164 Resp: 1068361

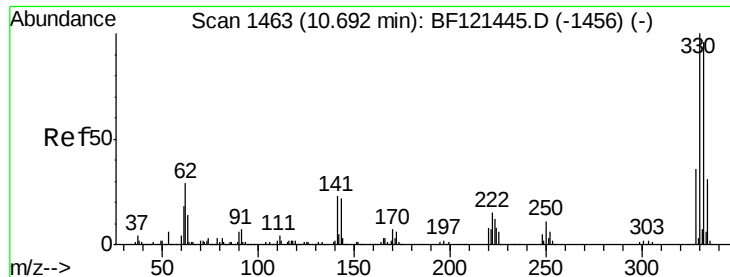
Ion Ratio Lower Upper

164 100

162 101.4 80.5 120.7

160 47.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 10.310 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Instrument :

BNA_F

ClientSampleId :

HAM-WC-L-VB01

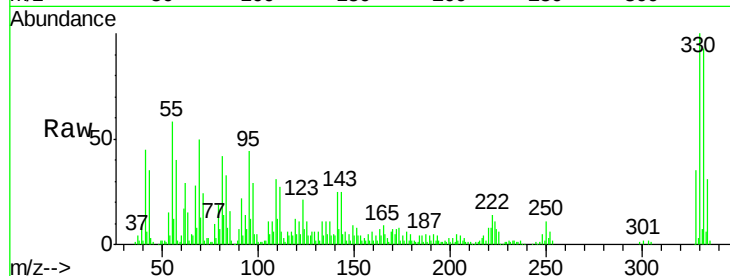
Tot Ion:330 Resp: 111254

Ion Ratio Lower Upper

330 100

332 94.7 76.2 114.2

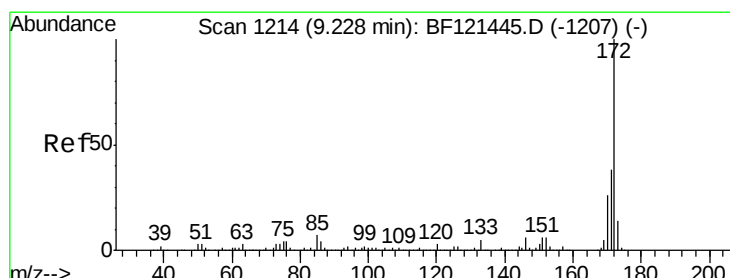
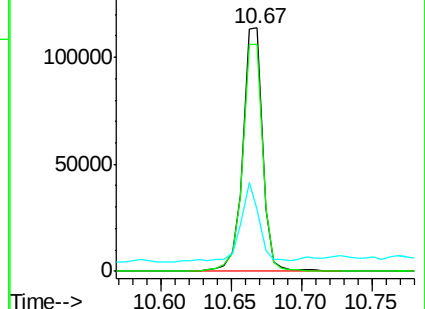
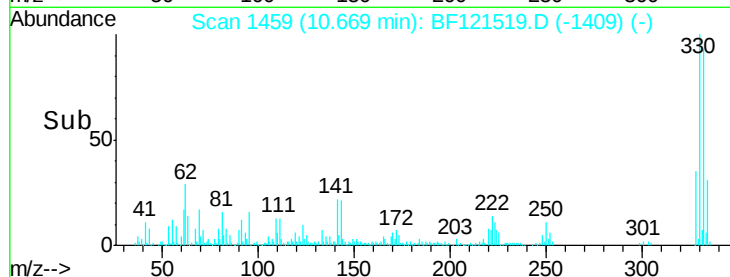
141 31.5 22.6 34.0



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: 34.074 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

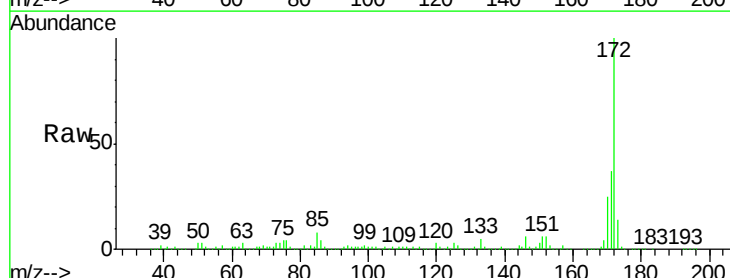
Tgt Ion:172 Resp: 2256105

Ion Ratio Lower Upper

172 100

171 37.3 30.4 45.6

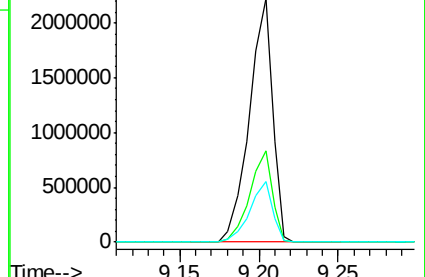
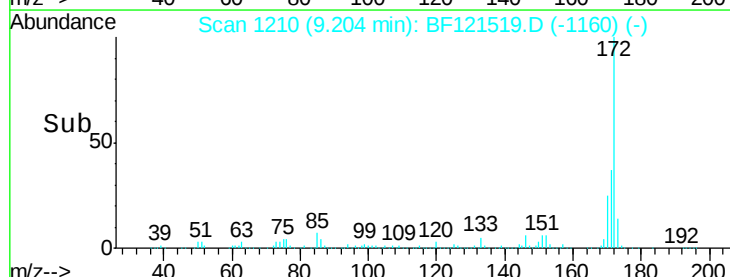
170 24.7 20.7 31.1

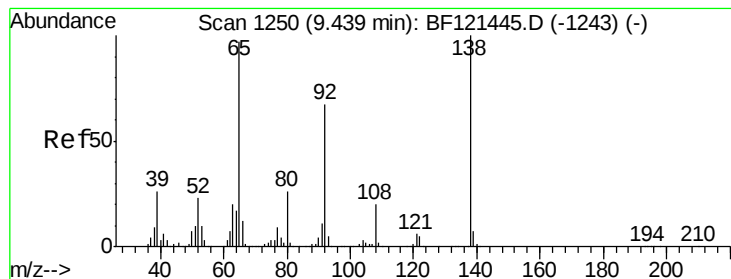


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 6.670 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Instrument :

BNA_F

ClientSampleId :

HAM-WC-L-VB01

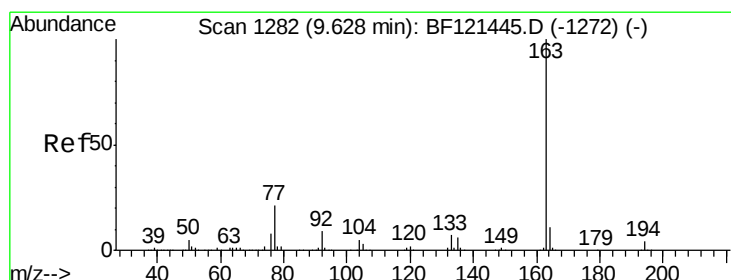
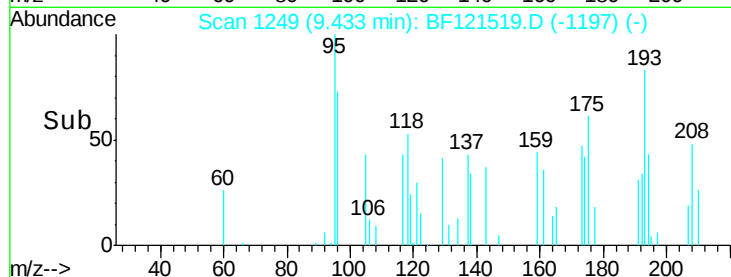
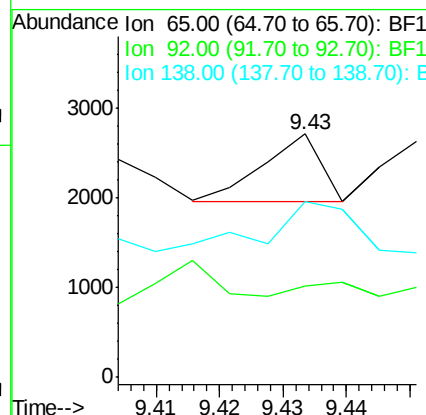
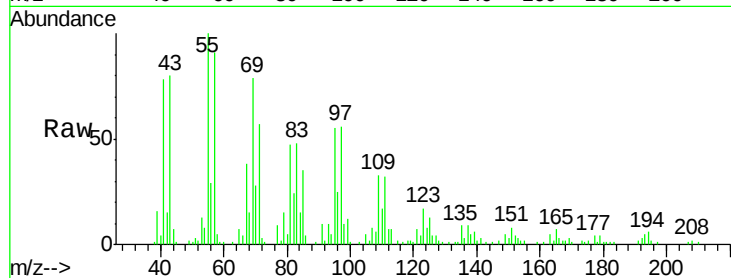
Tot Ion: 65 Resp: 481

Ion Ratio Lower Upper

65 100

92 37.3 58.6 87.8#

138 72.0 88.6 133.0#



#50

Dimethylphthalate

Concen: 5.999 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

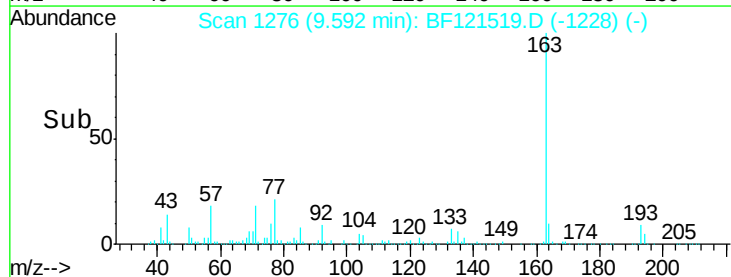
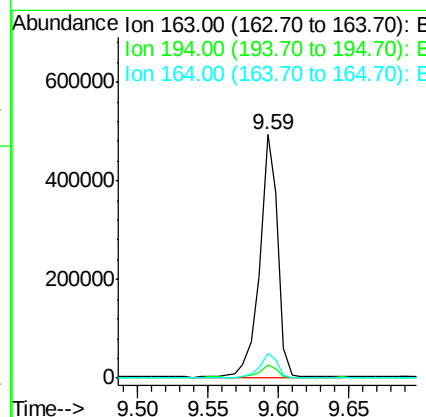
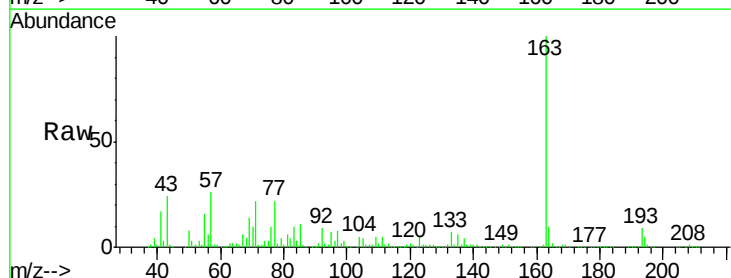
Tgt Ion: 163 Resp: 440221

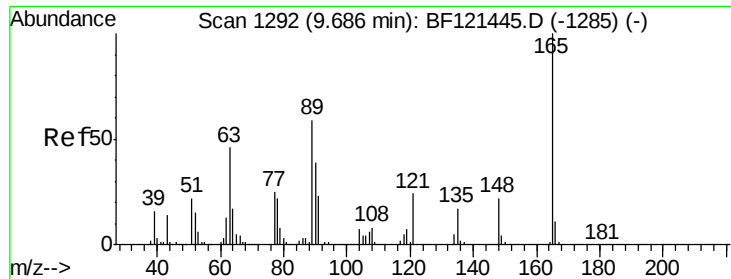
Ion Ratio Lower Upper

163 100

194 5.3 3.3 4.9#

164 10.4 8.6 13.0

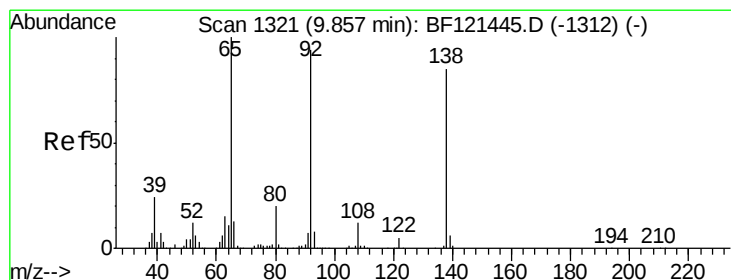
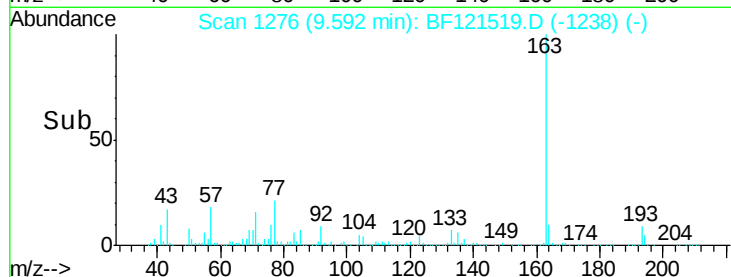
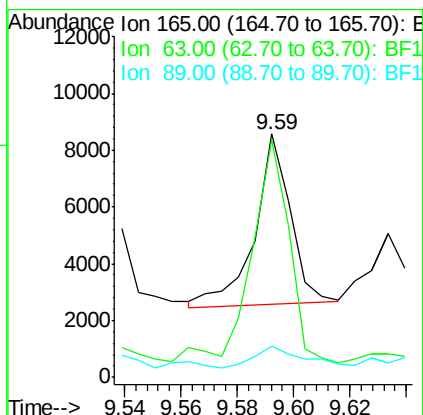
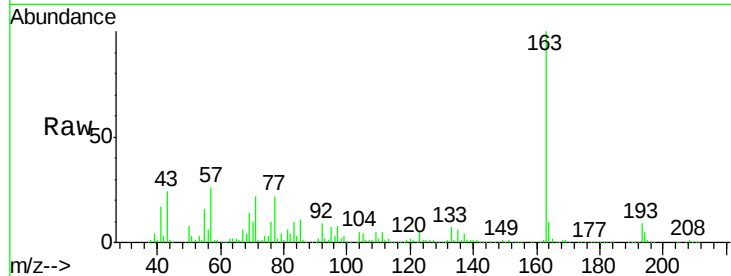




#51
 2,6-Dinitrotoluene
 Concen: 6.753 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.08 min
 Lab File: BF121519.D
 Acq: 2 Sep 2020 17:57

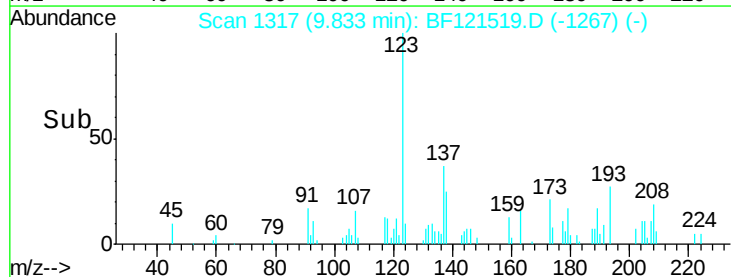
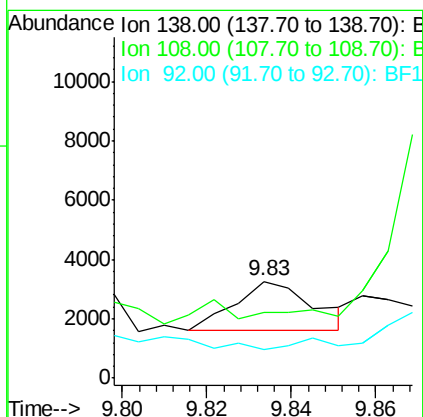
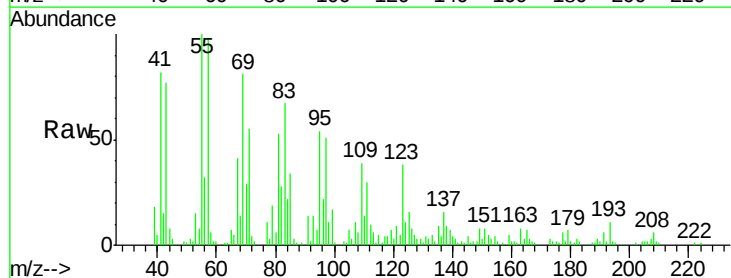
Instrument :
 BNA_F
 ClientSampleId :
 HAM-WC-L-VB01

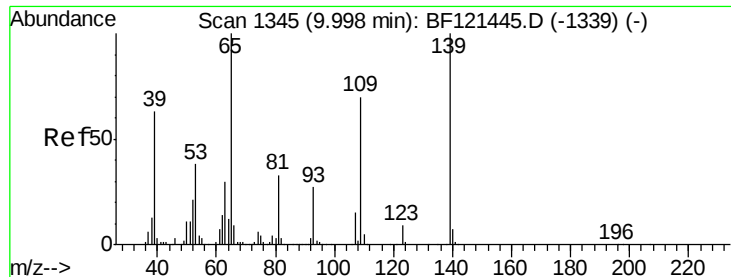
Tot Ion:165 Resp: 5304
 Ion Ratio Lower Upper
 165 100
 63 97.4 47.4 71.0#
 89 12.9 47.9 71.9#



#53
 3-Nitroaniline
 Concen: 5.559 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121519.D
 Acq: 2 Sep 2020 17:57

Tgt Ion:138 Resp: 2122
 Ion Ratio Lower Upper
 138 100
 108 68.3 8.7 13.1#
 92 29.2 91.1 136.7#

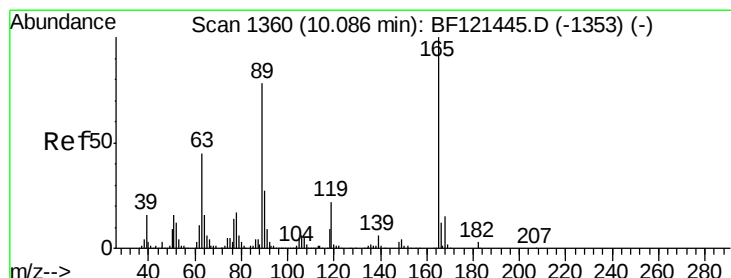
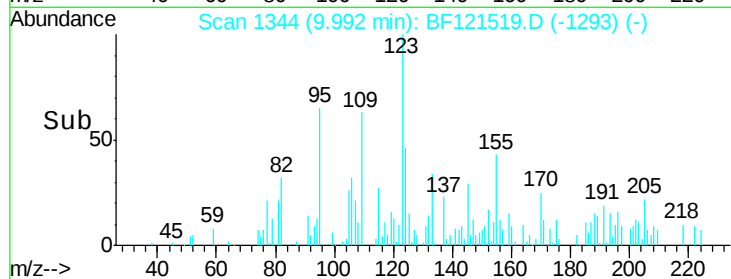
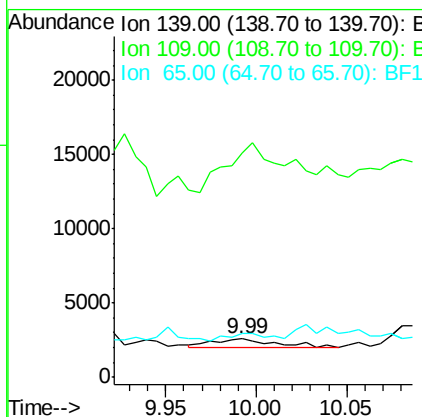
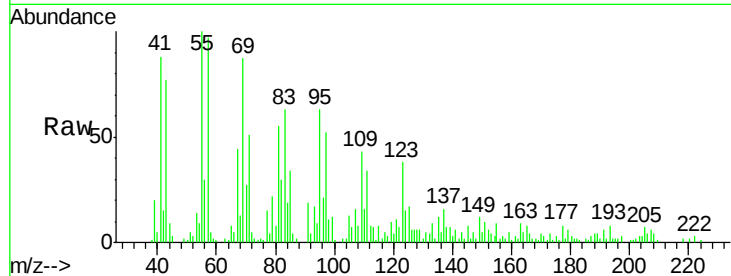




#56
4-Nitrophenol
Concen: 7.960 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

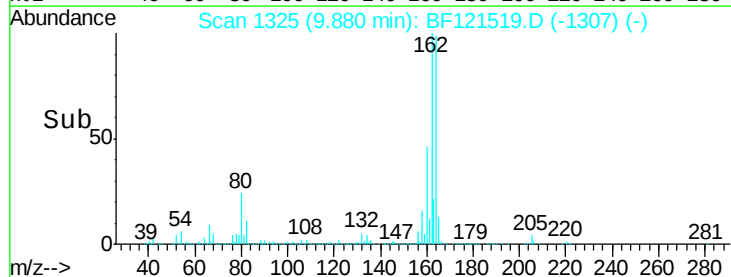
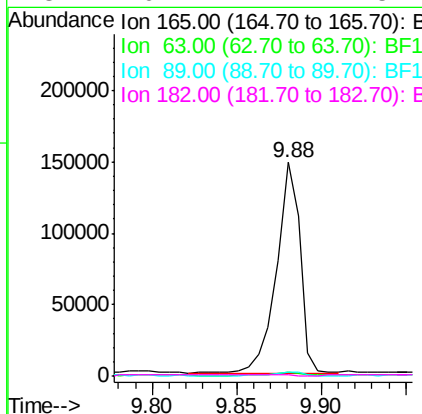
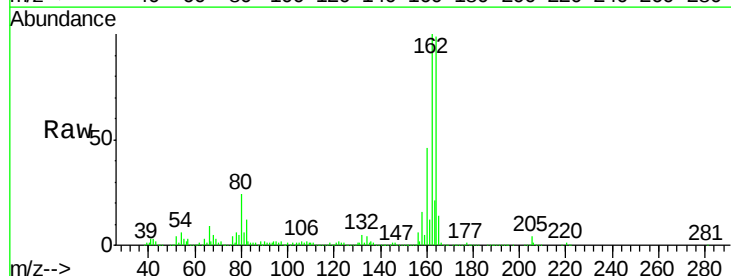
Instrument :
BNA_F
ClientSampleId :
HAM-WC-L-VB01

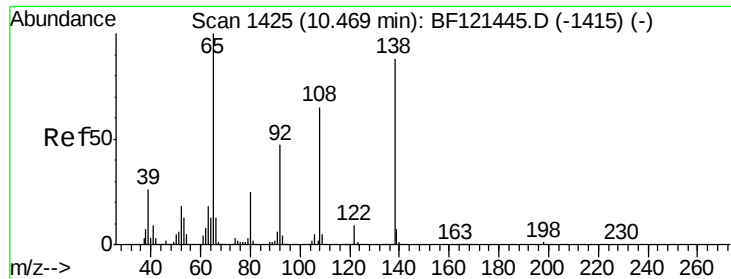
Tot Ion:139 Resp: 1628
Ion Ratio Lower Upper
139 100
109 584.4 44.3 84.3#
65 113.7 70.2 110.2#



#57
2,4-Dinitrotoluene
Concen: 14.517 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

Tgt Ion:165 Resp: 144504
Ion Ratio Lower Upper
165 100
63 1.6 33.6 50.4#
89 1.7 56.4 84.6#
182 0.4 2.2 3.4#

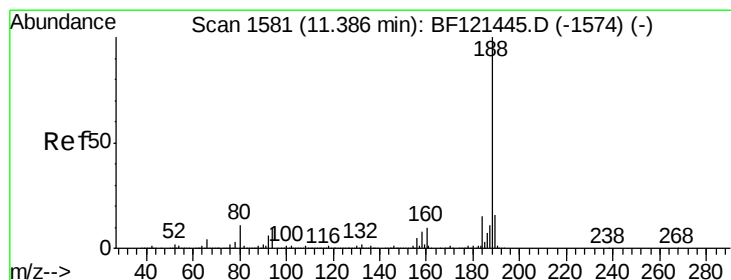
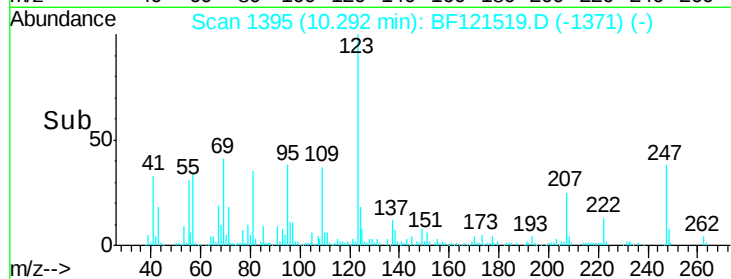
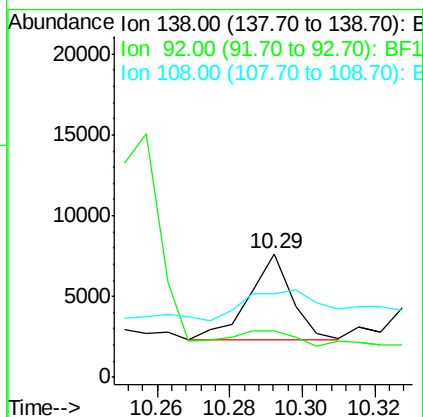
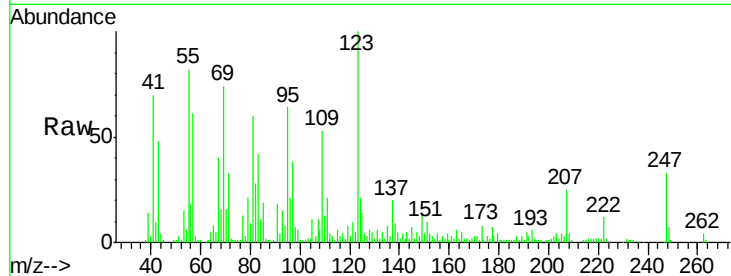




#62
4-Nitroaniline
Concen: 4.758 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.16 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

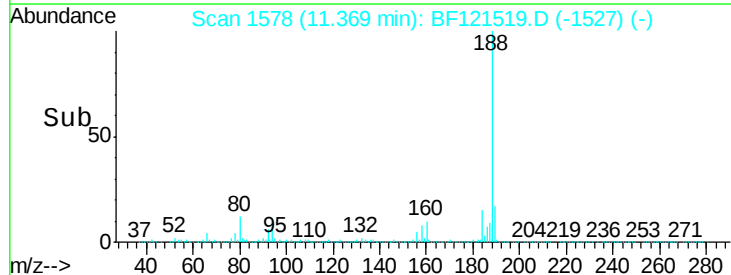
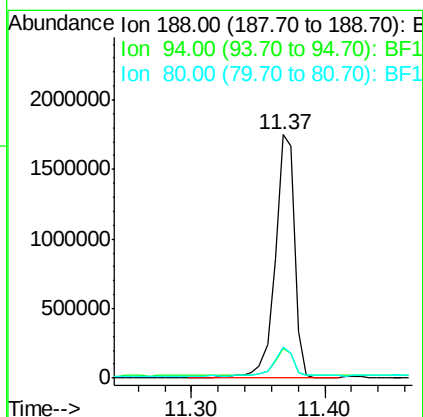
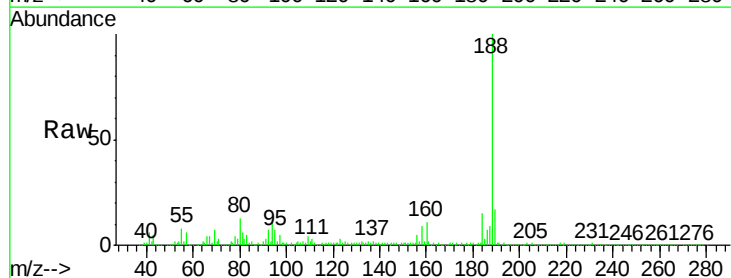
Instrument :
BNA_F
ClientSampleId :
HAM-WC-L-VB01

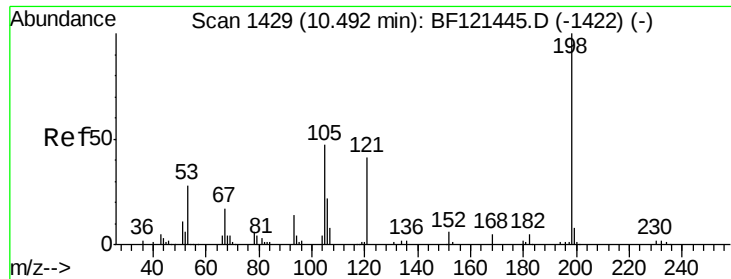
Tot Ion:138 Resp: 4414
Ion Ratio Lower Upper
138 100
92 38.1 32.2 72.2
108 67.5 49.1 89.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

Tgt Ion:188 Resp: 1780413
Ion Ratio Lower Upper
188 100
94 12.1 8.8 13.2
80 12.8 9.1 13.7

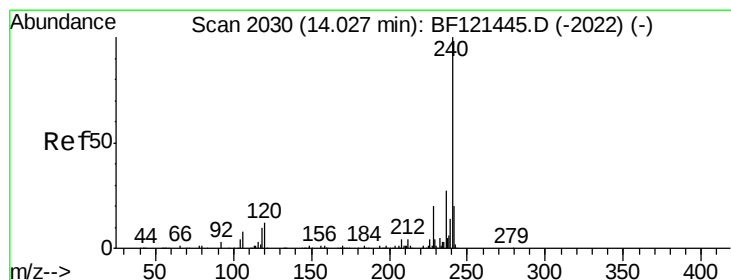
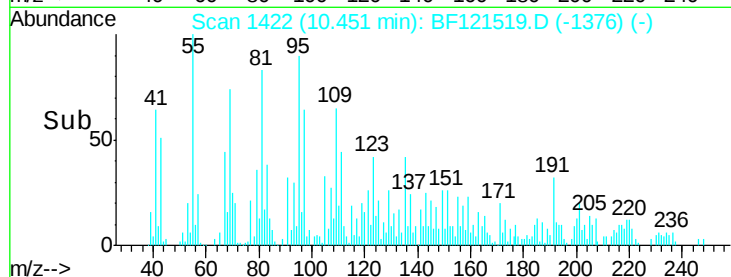
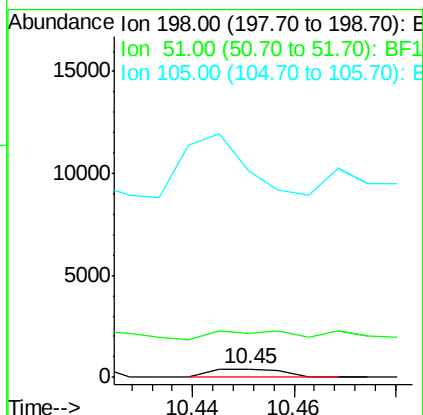
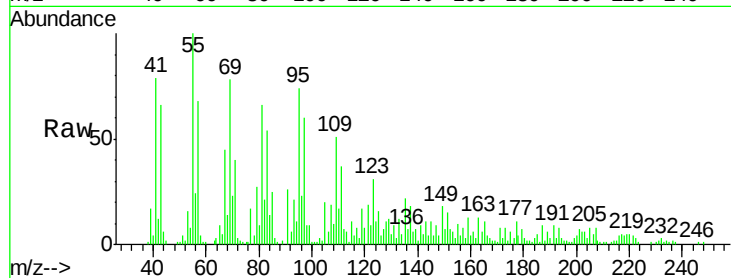




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.519 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.03 min
 Lab File: BF121519.D
 Acq: 2 Sep 2020 17:57

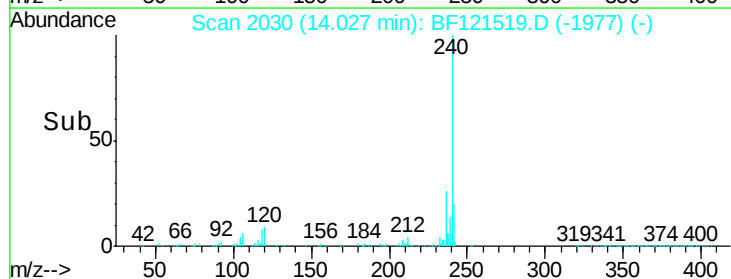
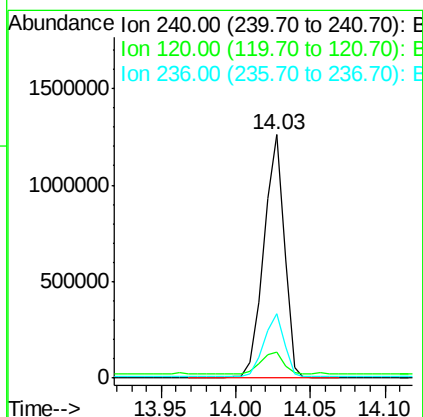
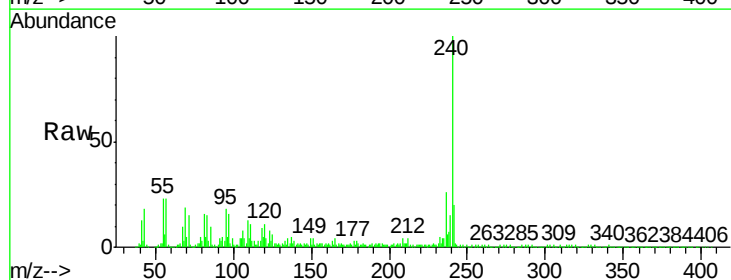
Instrument :
 BNA_F
 ClientSampleId :
 HAM-WC-L-VB01

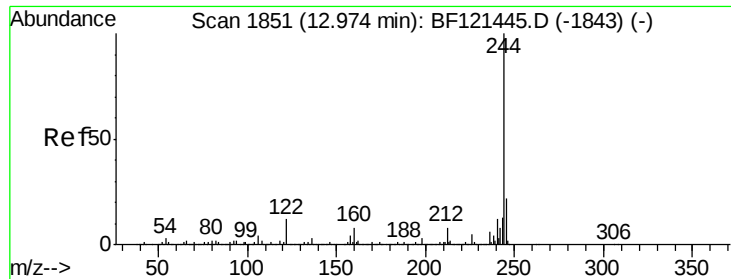
Tot Ion:198 Resp: 407
 Ion Ratio Lower Upper
 198 100
 51 503.7 24.9 64.9#
 105 2372.7 25.8 65.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF121519.D
 Acq: 2 Sep 2020 17:57

Tgt Ion:240 Resp: 1178854
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.0 12.0
 236 26.4 21.4 32.2





#79

Terphenyl-d14

Concen: 29.234 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Instrument :

BNA_F

ClientSampleId :

HAM-WC-L-VB01

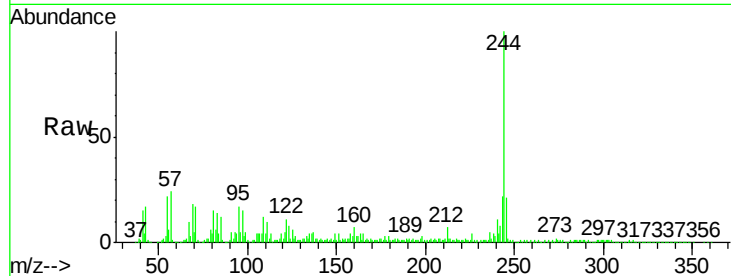
Tot Ion:244 Resp: 1637216

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 10.5 9.3 13.9

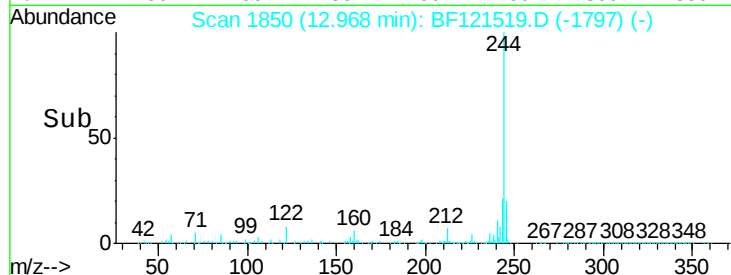


Abundance Ion 244.00 (243.70 to 244.70): E

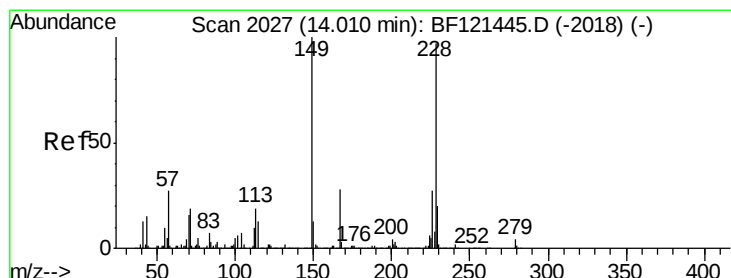
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.250 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

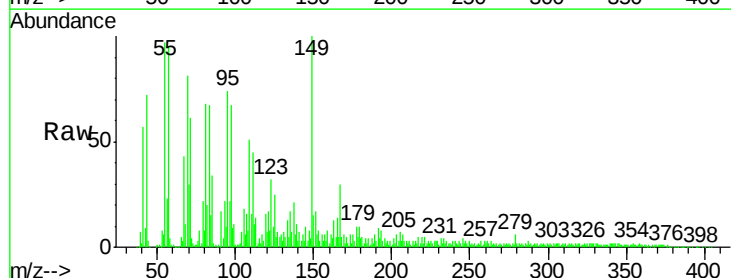
Tgt Ion:149 Resp: 261838

Ion Ratio Lower Upper

149 100

167 29.7 22.9 34.3

279 5.6 4.0 6.0

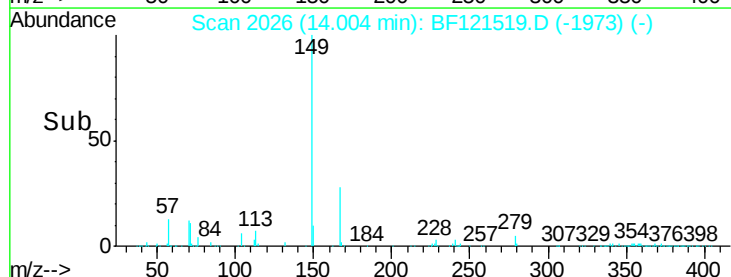


Abundance Ion 149.00 (148.70 to 149.70): E

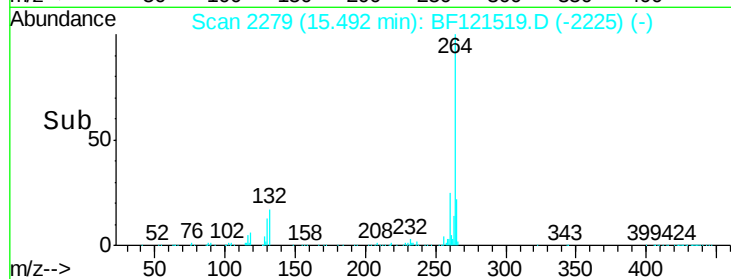
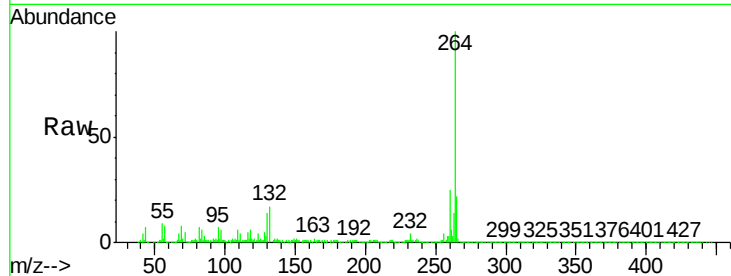
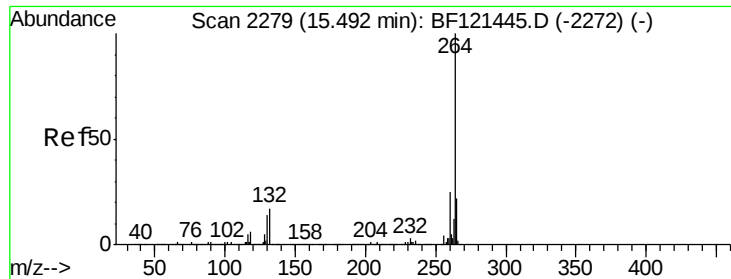
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

Instrument :
BNA_F
ClientSampleId :
HAM-WC-L-VB01

Tot Ion:264 Resp: 1456344

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.2	17.4	26.2

