

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127438.D
 Acq On : 22 Mar 2022 06:36
 Operator : CG\JU
 Sample : N1962-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-12-12-14

Quant Time: Mar 22 07:15:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

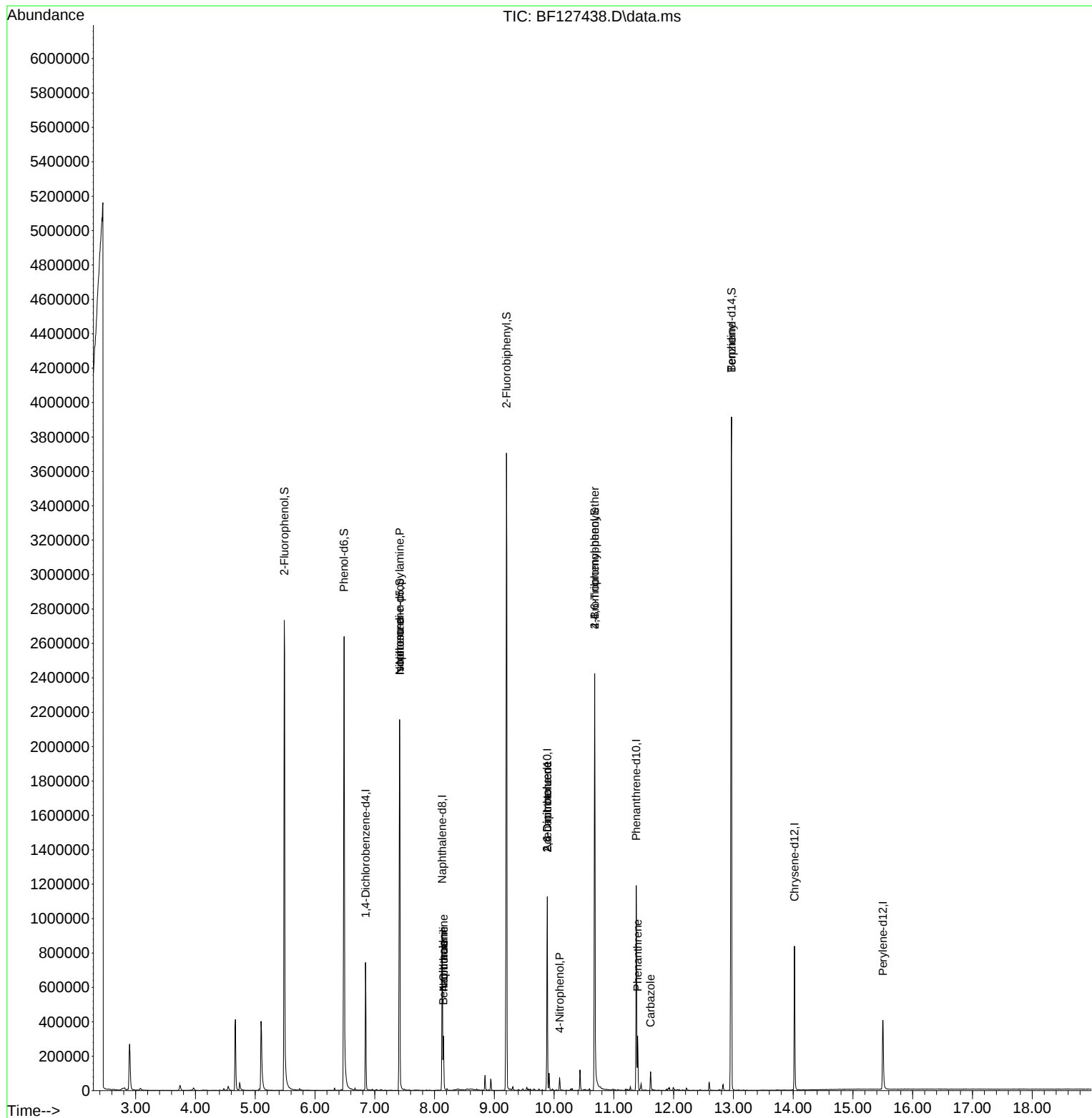
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	100288	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	367351	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	215482	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	397744	20.000	ng	0.00
76) Chrysene-d12	14.021	240	282921	20.000	ng	0.00
86) Perylene-d12	15.504	264	201328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	753652	119.954	ng	0.02
7) Phenol-d6	6.487	99	948776	110.475	ng	0.00
23) Nitrobenzene-d5	7.416	82	765728	89.102	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	314526	137.022	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1259558	85.355	ng	0.00
79) Terphenyl-d14	12.969	244	1572266	90.973	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.451	77	116	Below Cal	#	33
19) n-Nitroso-di-n-propyla...	7.416	70	104540	20.307	ng	# 82
25) Isophorone	7.416	82	765724	55.943	ng	# 70
31) Naphthalene	8.151	128	128758	6.602	ng	# 98
32) Benzoic acid	8.145	122	414	6.164	ng	# 1
33) 4-Chloroaniline	8.151	127	16783	2.221	ng	# 30
51) 2,6-Dinitrotoluene	9.886	165	27952	8.883	ng	# 17
55) Dibenzofuran	10.092	168	28949	Below Cal		93
56) 4-Nitrophenol	10.092	139	10135	5.769	ng	# 1
57) 2,4-Dinitrotoluene	9.886	165	27952	6.901	ng	# 13
58) Fluorene	10.433	166	29741	Below Cal		96
67) 4-Bromophenyl-phenylether	10.680	248	20585	4.433	ng	# 1
71) Phenanthrene	11.398	178	106237	5.123	ng	99
73) Carbazole	11.616	167	44971	2.285	ng	98
77) Benzidine	12.969	184	19414	2.878	ng	# 94

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

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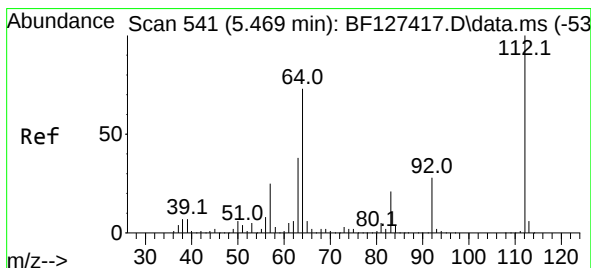
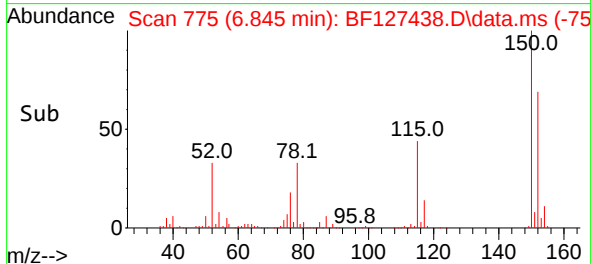
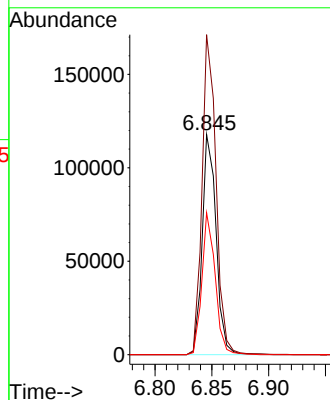
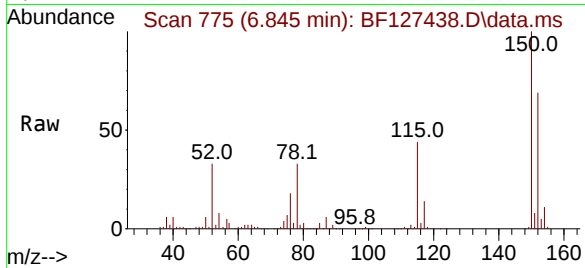




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

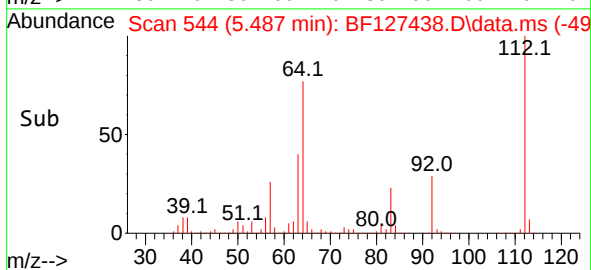
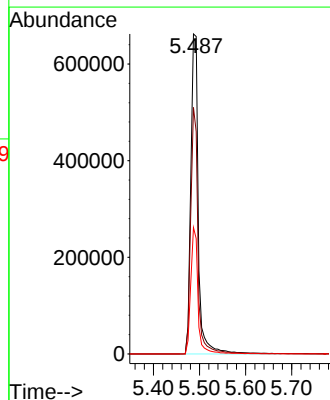
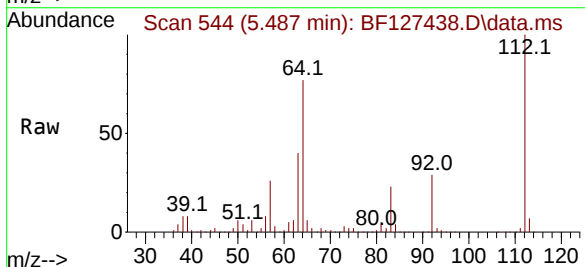
Instrument :
BNA_F
ClientSampleId :
C-12-12-14

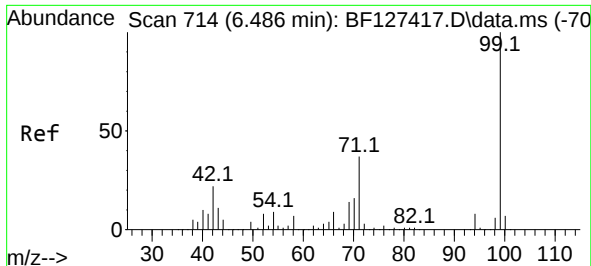
Tgt Ion:152 Resp: 100288
Ion Ratio Lower Upper
152 100
150 145.4 117.2 175.8
115 64.5 49.8 74.6



#5
2-Fluorophenol
Concen: 119.954 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

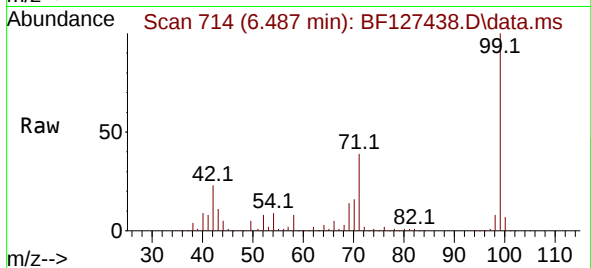
Tgt Ion:112 Resp: 753652
Ion Ratio Lower Upper
112 100
64 77.0 58.4 87.6
63 39.5 30.1 45.1



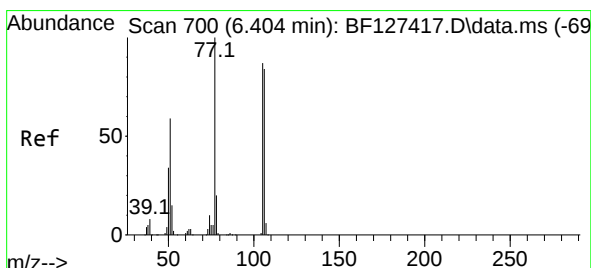
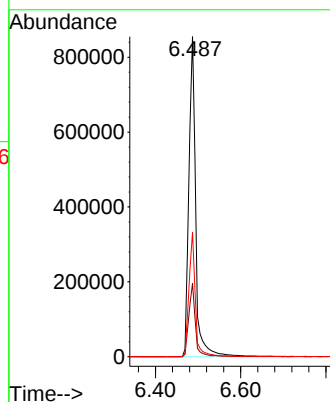
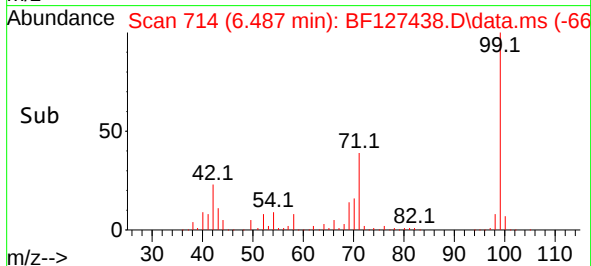


#7
Phenol-d6
Concen: 110.475 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Instrument :
BNA_F
ClientSampleId :
C-12-12-14

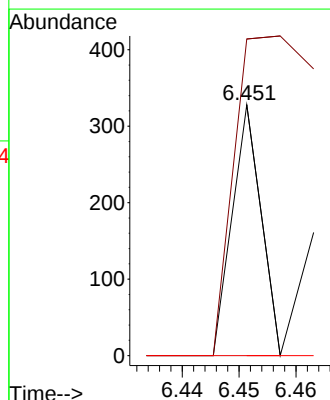
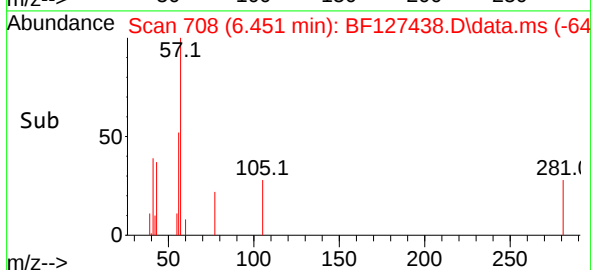
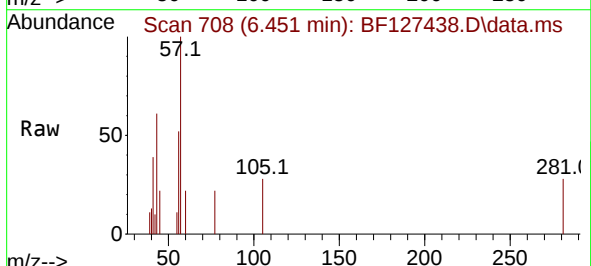


Tgt Ion: 99 Resp: 948776
Ion Ratio Lower Upper
99 100
42 23.0 17.8 26.6
71 39.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 708
Delta R.T. 0.047 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

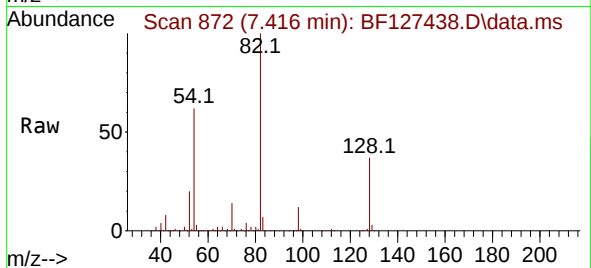
Tgt Ion: 77 Resp: 116
Ion Ratio Lower Upper
77 100
105 126.2 66.8 106.8#
106 0.0 64.3 104.3#



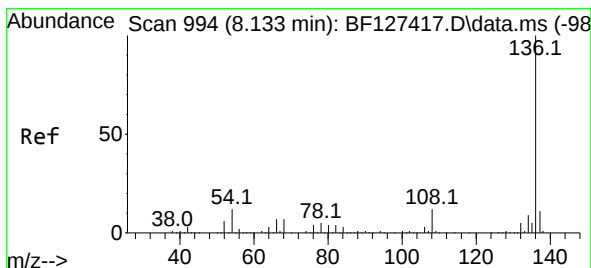
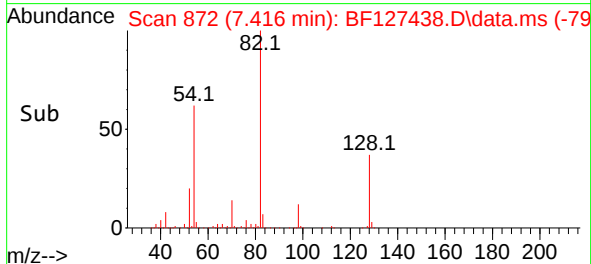
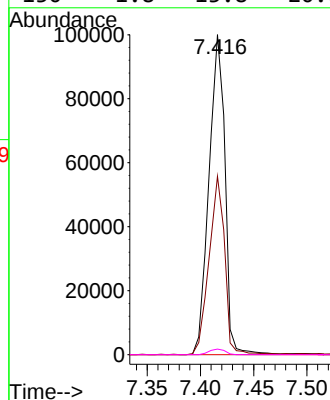


#19
n-Nitroso-di-n-propylamine
Concen: 20.307 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Instrument :
BNA_F
ClientSampleId :
C-12-12-14

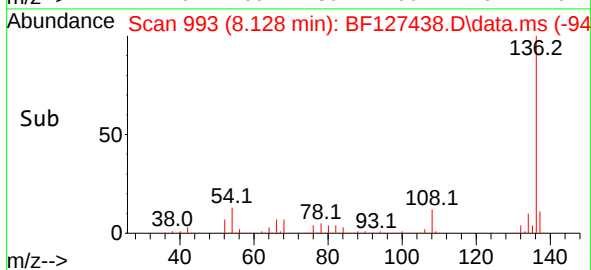
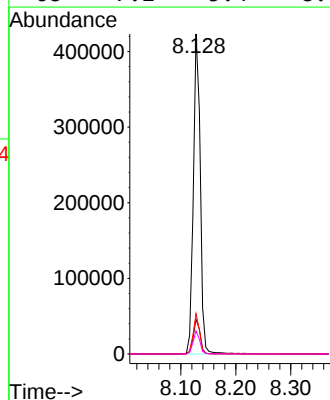
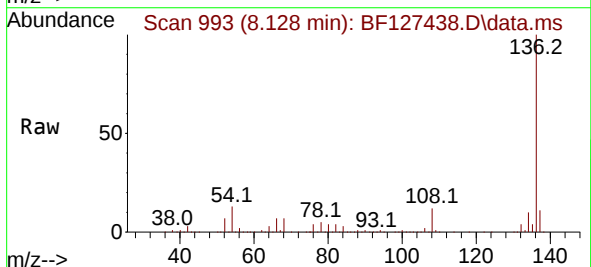


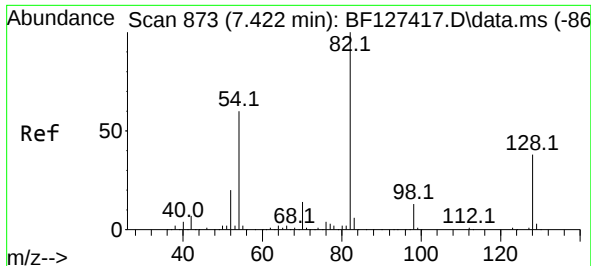
Tgt Ion: 70 Resp: 104540
Ion Ratio Lower Upper
70 100
42 55.7 53.0 79.6
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Tgt Ion: 136 Resp: 367351
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.6 9.2 13.8
68 7.2 5.4 8.0

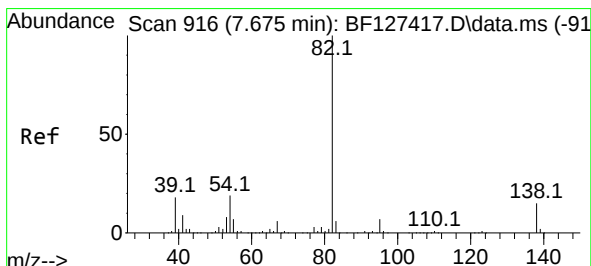
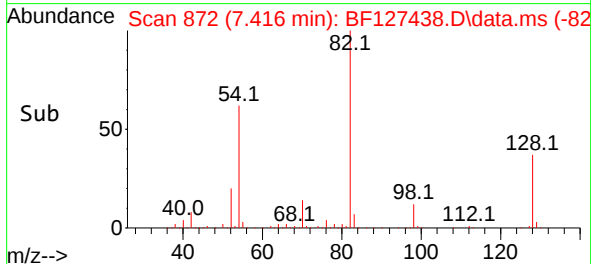
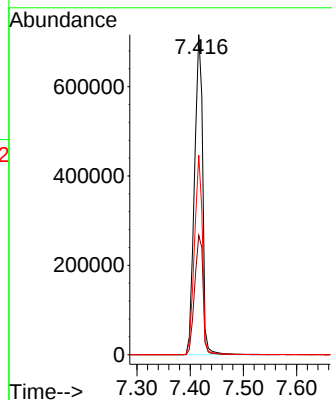
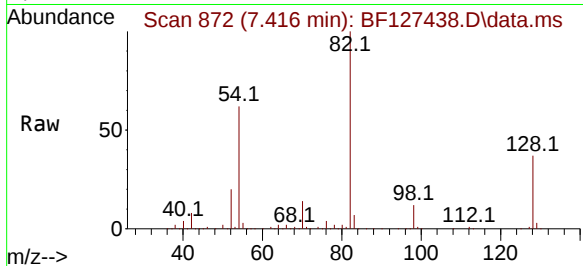




#23
Nitrobenzene-d5
Concen: 89.102 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

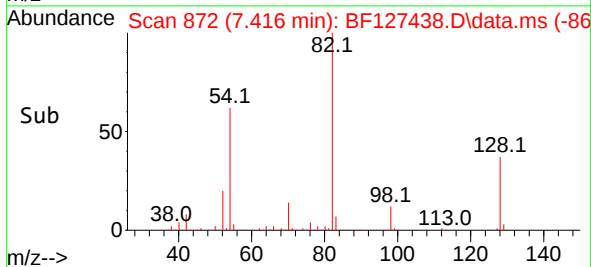
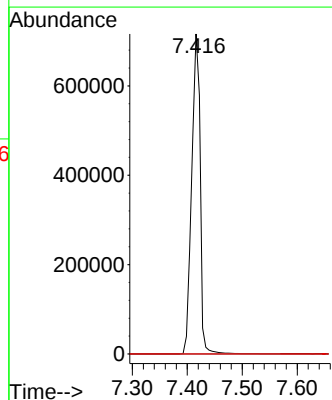
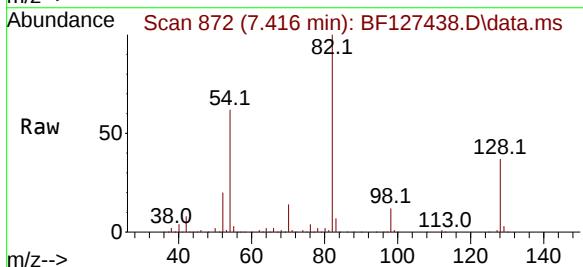
Instrument :
BNA_F
ClientSampleId :
C-12-12-14

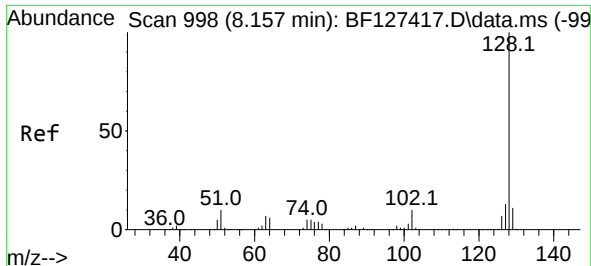
Tgt Ion: 82 Resp: 765728
Ion Ratio Lower Upper
82 100
128 37.3 30.6 45.8
54 62.4 48.2 72.2



#25
Isophorone
Concen: 55.943 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Tgt Ion: 82 Resp: 765724
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

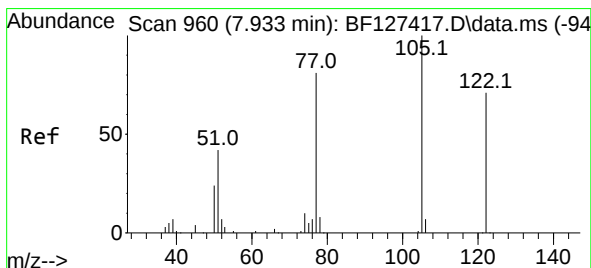
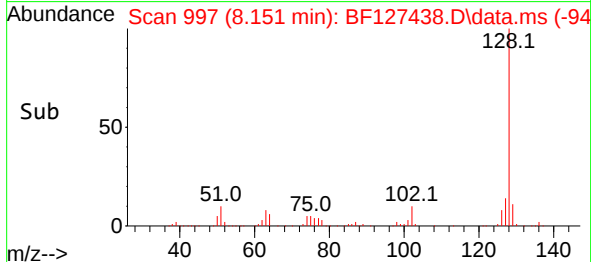
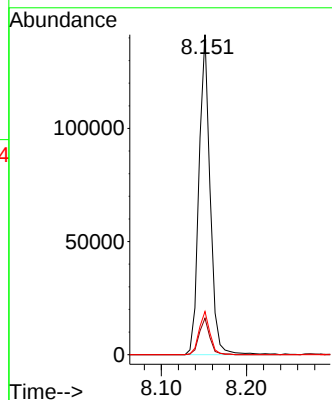
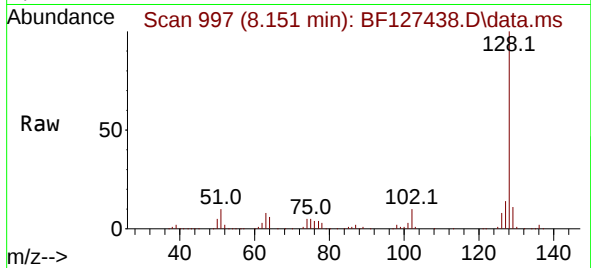




#31
Naphthalene
Concen: 6.602 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

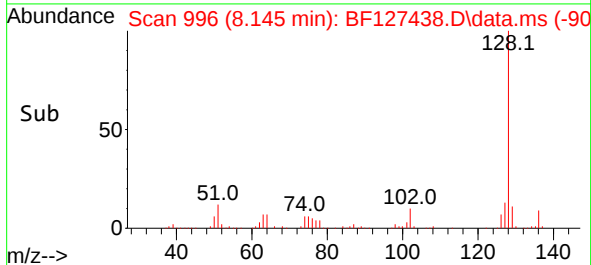
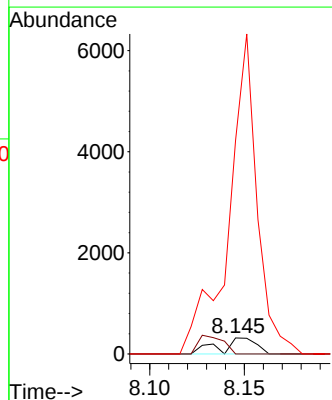
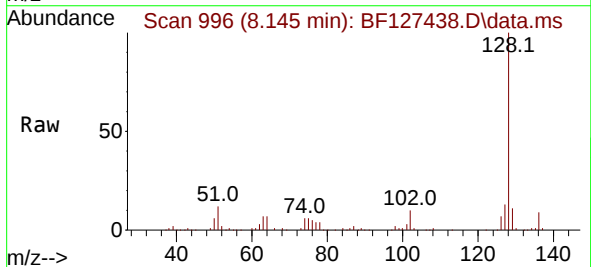
Instrument :
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C-12-12-14

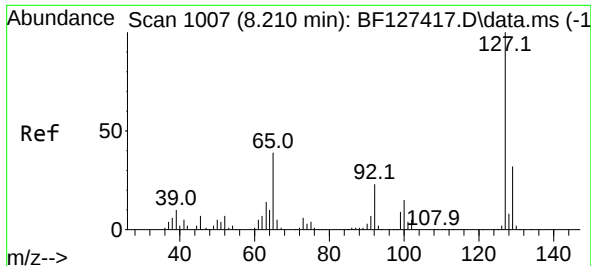
Tgt Ion:128 Resp: 128758
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.5 10.2 15.2



#32
Benzoic acid
Concen: 6.164 ng
RT: 8.145 min Scan# 996
Delta R.T. 0.212 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Tgt Ion:122 Resp: 414
Ion Ratio Lower Upper
122 100
105 0.0 117.1 157.1#
77 1332.2 93.0 133.0#





#33

4-Chloroaniline

Concen: 2.221 ng

RT: 8.151 min Scan# 91

Delta R.T. -0.059 min

Lab File: BF127438.D

Acq: 22 Mar 2022 06:36

Instrument :

BNA_F

ClientSampleId :

C-12-12-14

Tgt Ion:127 Resp: 16783

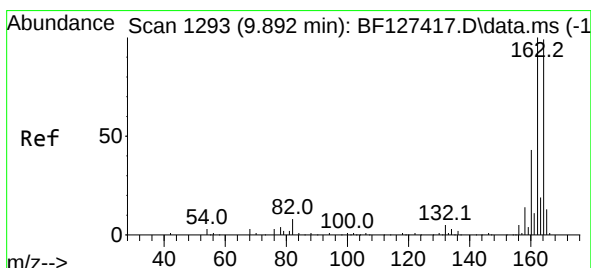
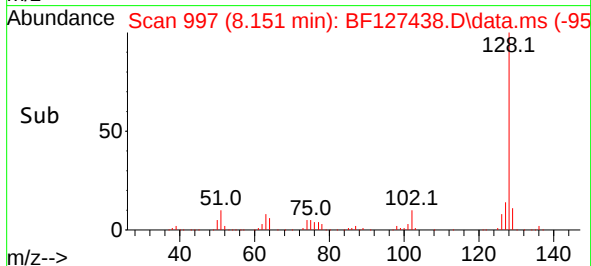
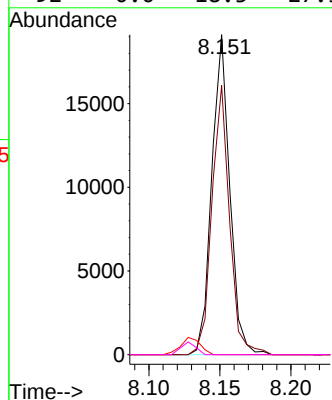
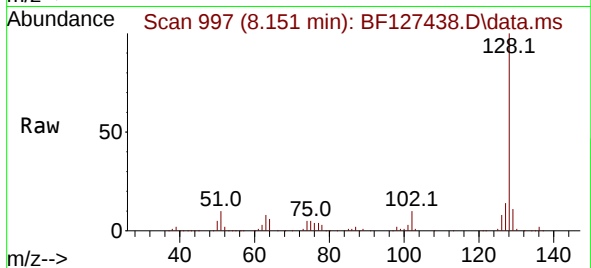
Ion Ratio Lower Upper

127 100

129 84.2 25.9 38.9#

65 0.0 31.4 47.0#

92 0.0 18.3 27.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF127438.D

Acq: 22 Mar 2022 06:36

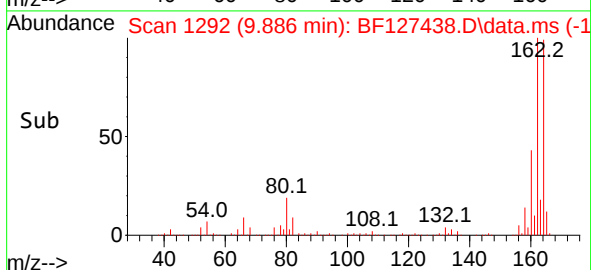
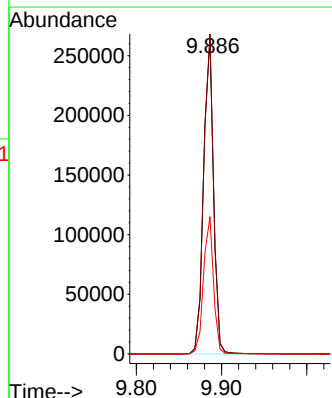
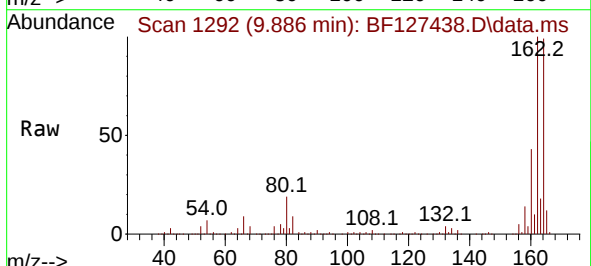
Tgt Ion:164 Resp: 215482

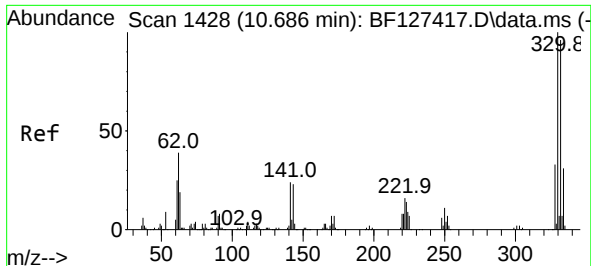
Ion Ratio Lower Upper

164 100

162 101.5 81.2 121.8

160 43.6 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 137.022 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127438.D

Acq: 22 Mar 2022 06:36

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ClientSampleId :

C-12-12-14

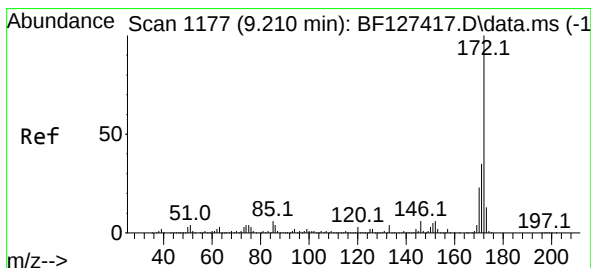
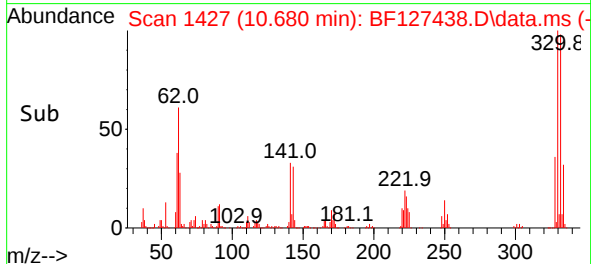
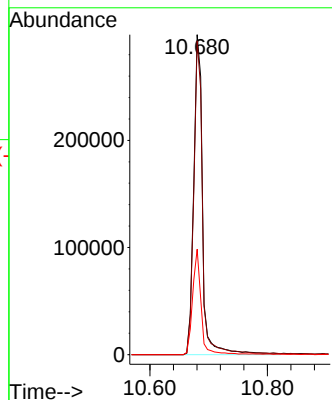
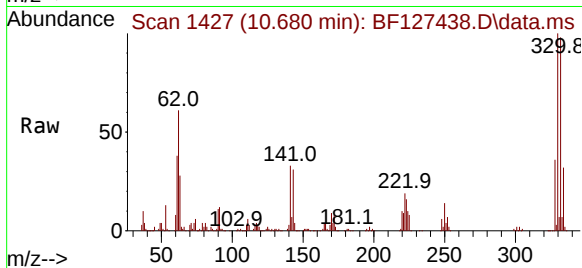
Tgt Ion:330 Resp: 314526

Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

141 31.8 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 85.355 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127438.D

Acq: 22 Mar 2022 06:36

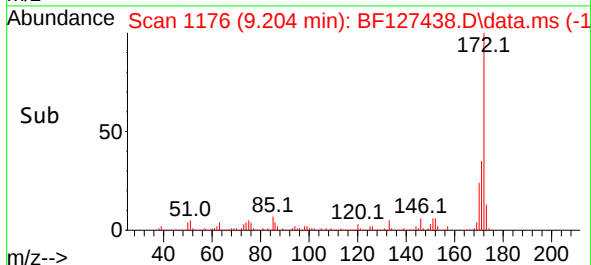
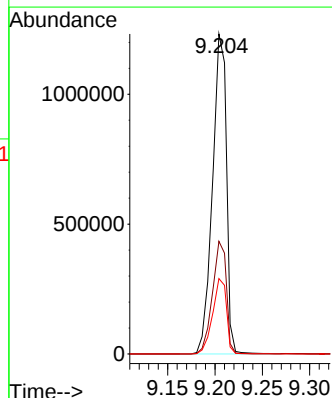
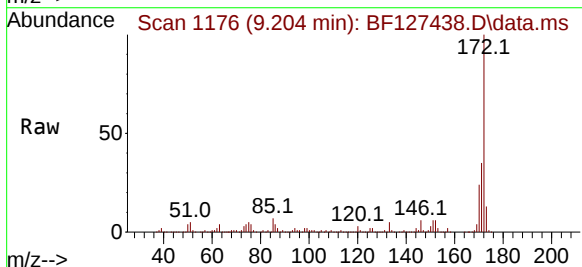
Tgt Ion:172 Resp: 1259558

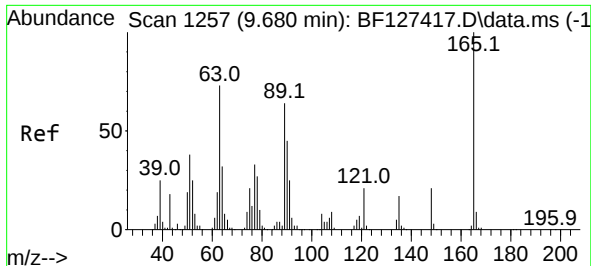
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.6 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.883 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF127438.D

Acq: 22 Mar 2022 06:36

Instrument :

BNA_F

ClientSampleId :

C-12-12-14

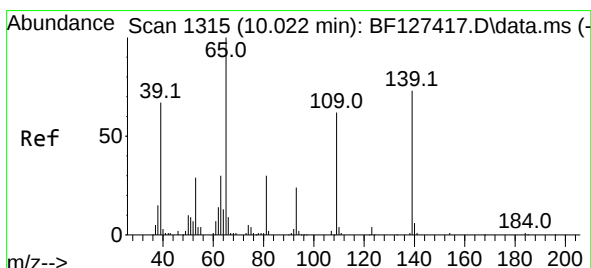
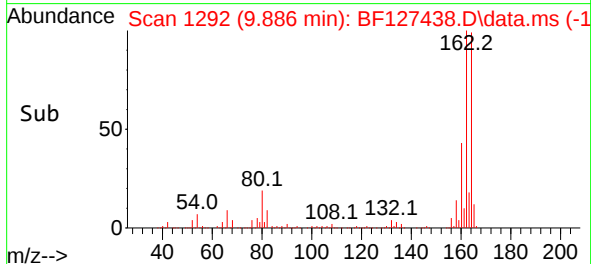
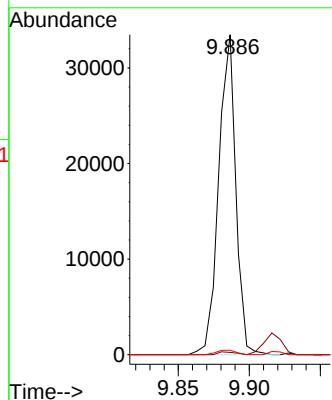
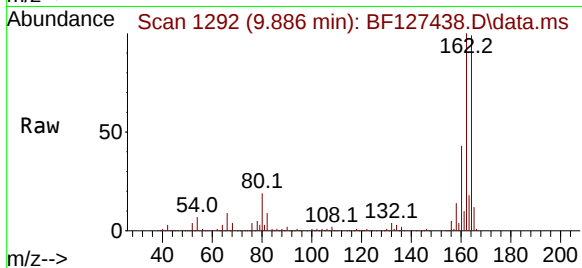
Tgt Ion:165 Resp: 27952

Ion Ratio Lower Upper

165 100

63 0.7 58.3 87.5#

89 1.4 51.5 77.3#



#56

4-Nitrophenol

Concen: 5.769 ng

RT: 10.092 min Scan# 1327

Delta R.T. 0.070 min

Lab File: BF127438.D

Acq: 22 Mar 2022 06:36

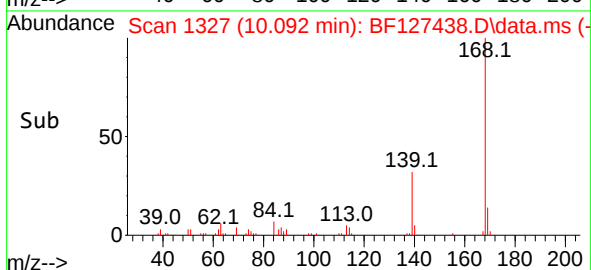
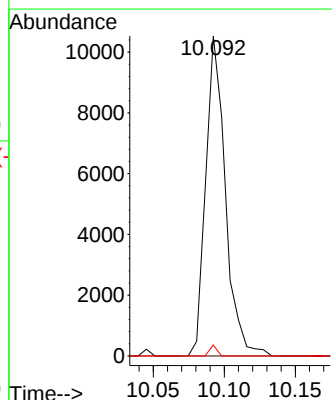
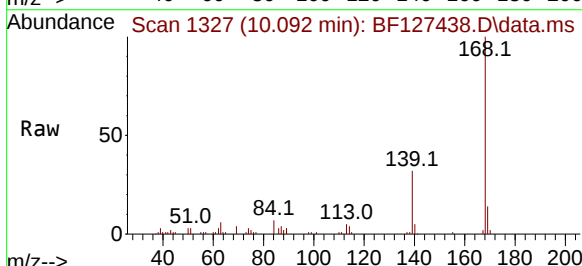
Tgt Ion:139 Resp: 10135

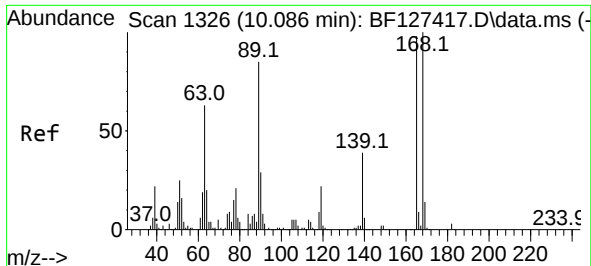
Ion Ratio Lower Upper

139 100

109 0.0 64.3 104.3#

65 3.4 117.5 157.5#

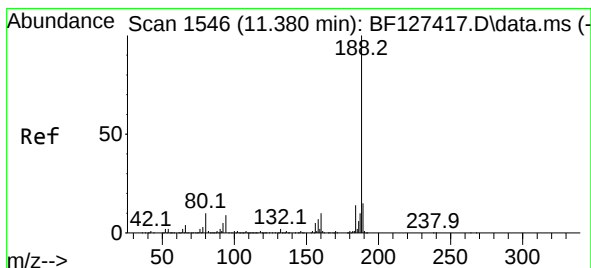
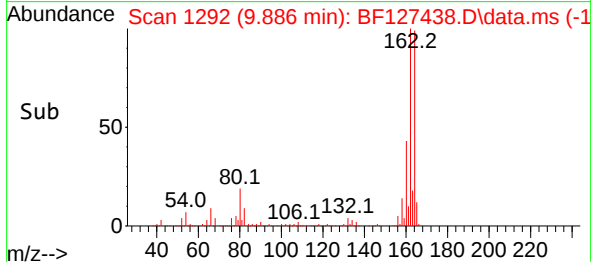
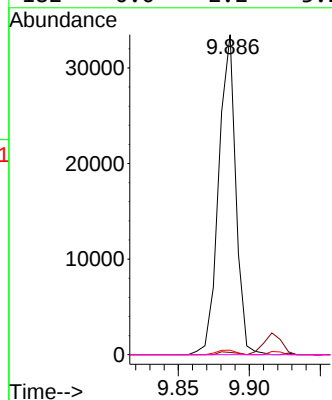
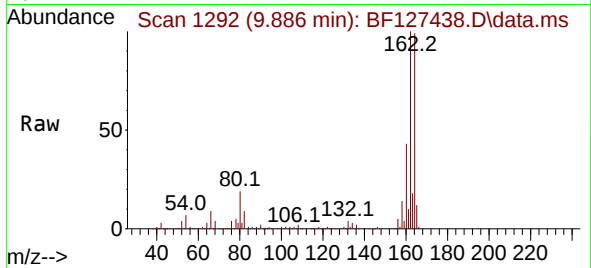




#57
2,4-Dinitrotoluene
Concen: 6.901 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

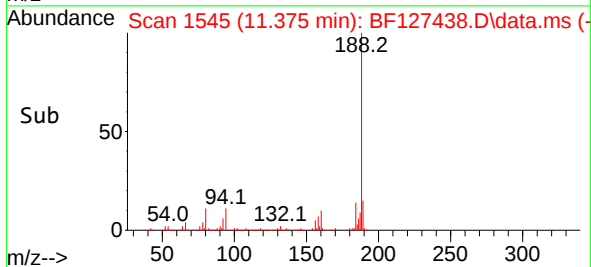
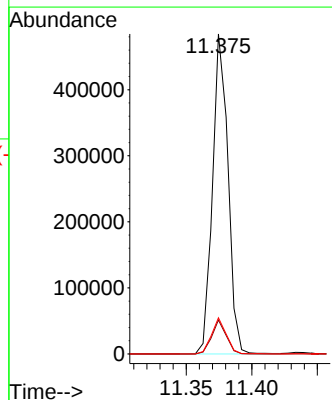
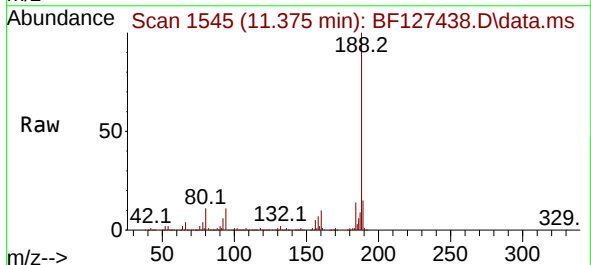
Instrument :
BNA_F
ClientSampleId :
C-12-12-14

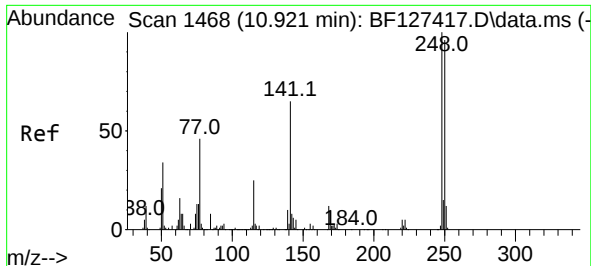
Tgt Ion:165 Resp: 27952
Ion Ratio Lower Upper
165 100
63 0.7 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Tgt Ion:188 Resp: 397744
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.0
80 11.3 8.0 12.0

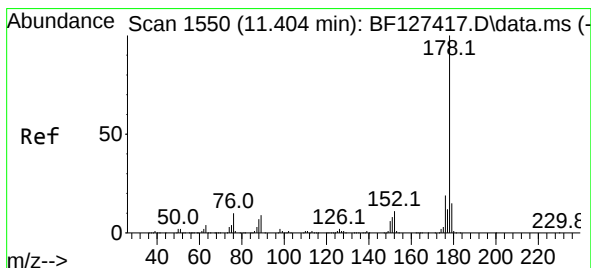
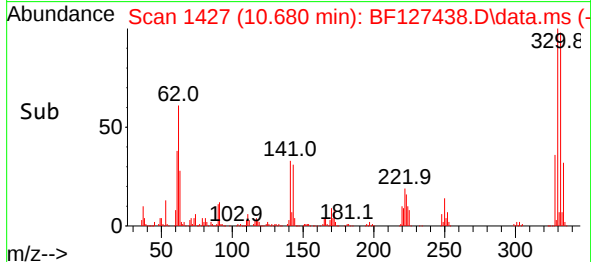
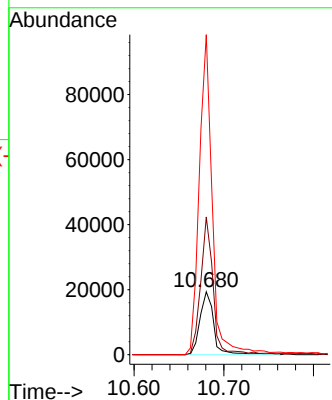
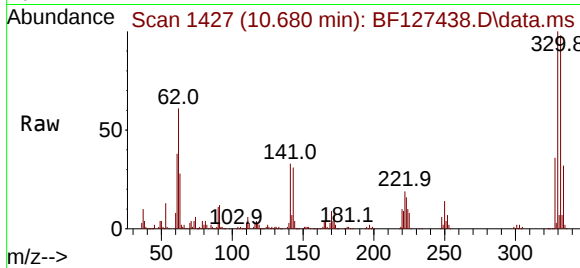




#67
4-Bromophenyl-phenylether
Concen: 4.433 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

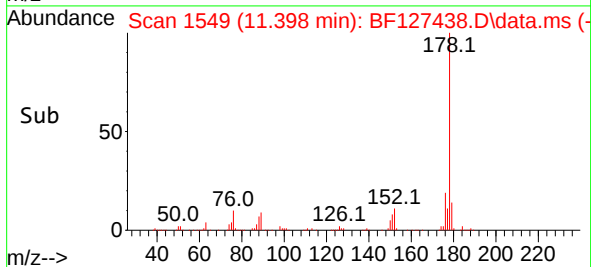
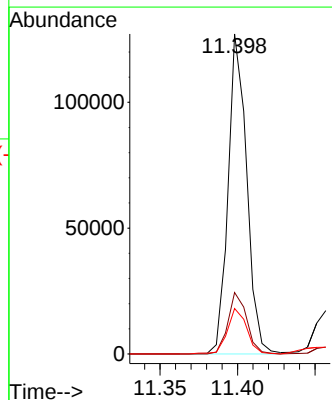
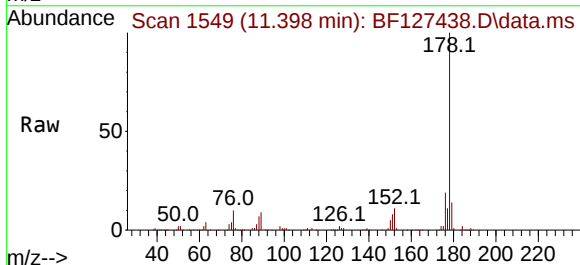
Instrument :
BNA_F
ClientSampleId :
C-12-12-14

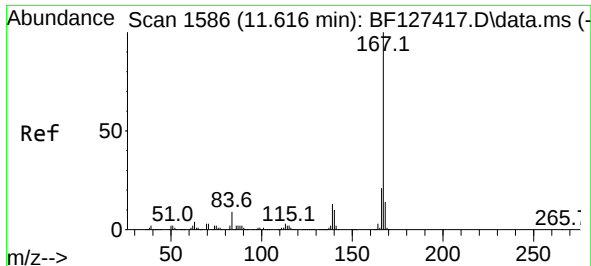
Tgt Ion:248 Resp: 20585
Ion Ratio Lower Upper
248 100
250 219.0 76.6 115.0#
141 508.5 52.2 78.2#



#71
Phenanthrene
Concen: 5.123 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Tgt Ion:178 Resp: 106237
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 14.2 12.4 18.6

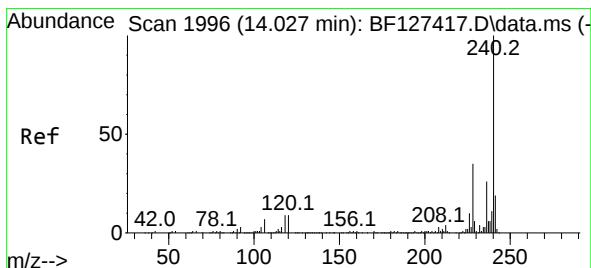
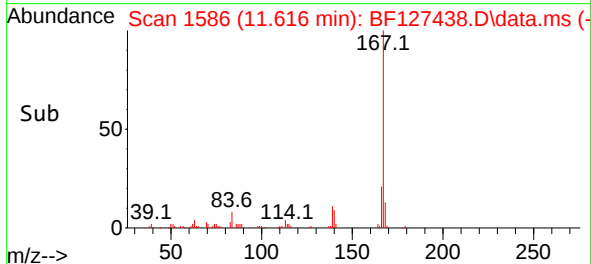
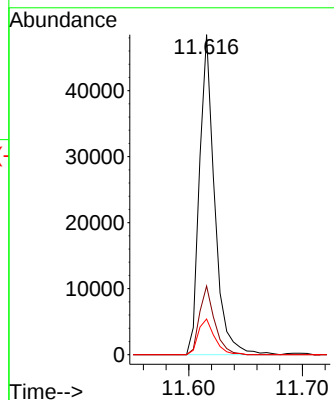
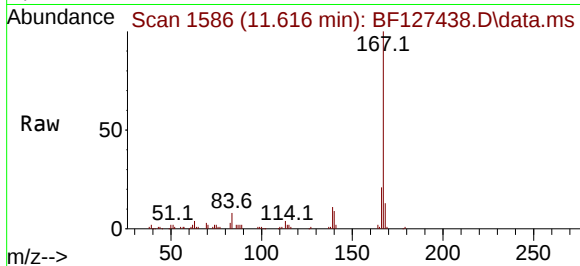




#73
 Carbazole
 Concen: 2.285 ng
 RT: 11.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127438.D
 Acq: 22 Mar 2022 06:36

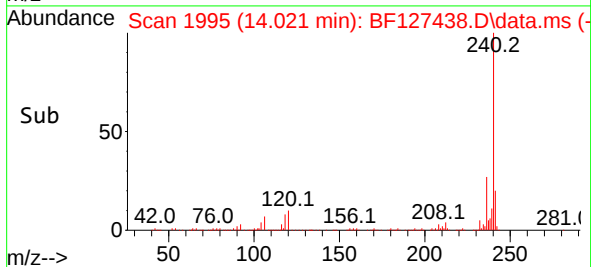
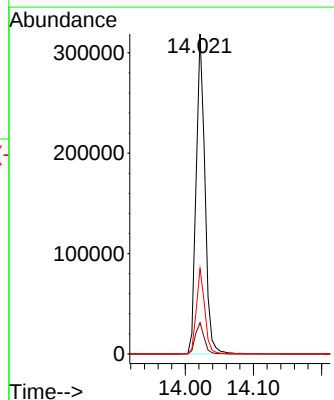
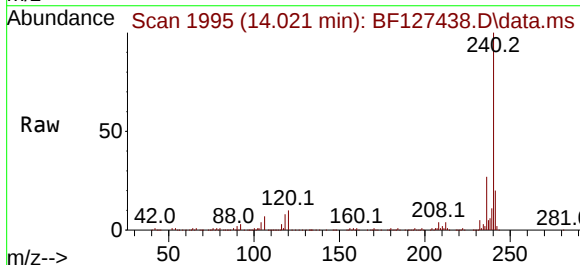
Instrument :
 BNA_F
 ClientSampleId :
 C-12-12-14

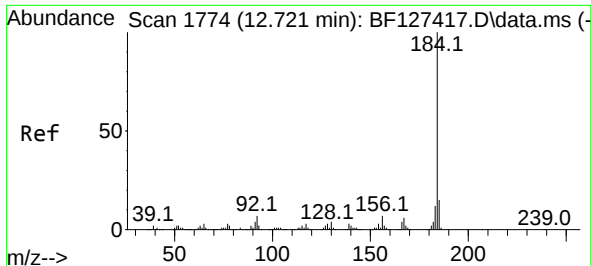
Tgt Ion:167 Resp: 44971
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 11.2 10.5 15.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.021 min Scan# 1995
 Delta R.T. -0.006 min
 Lab File: BF127438.D
 Acq: 22 Mar 2022 06:36

Tgt Ion:240 Resp: 282921
 Ion Ratio Lower Upper
 240 100
 120 9.8 7.1 10.7
 236 26.7 20.7 31.1

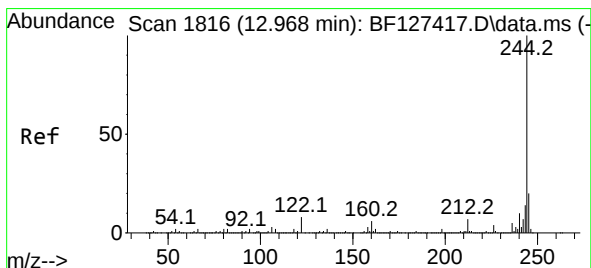
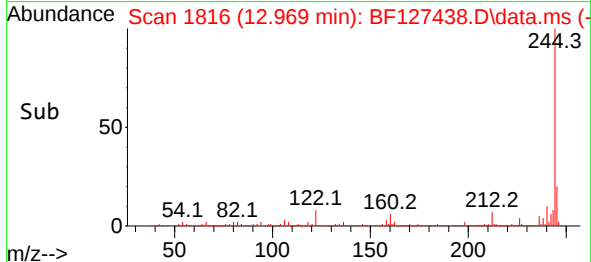
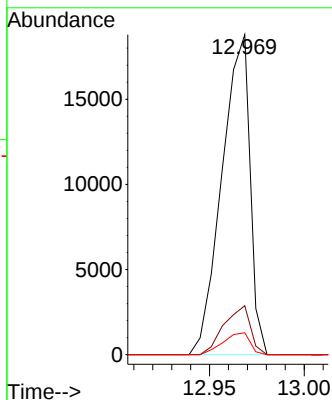
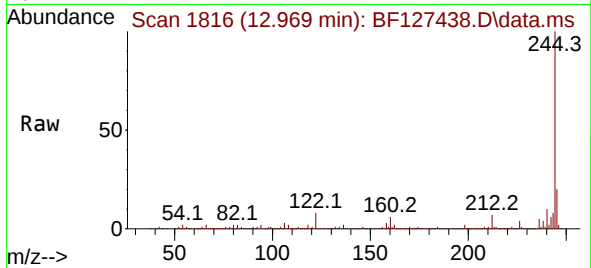




#77
Benzidine
Concen: 2.878 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.247 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

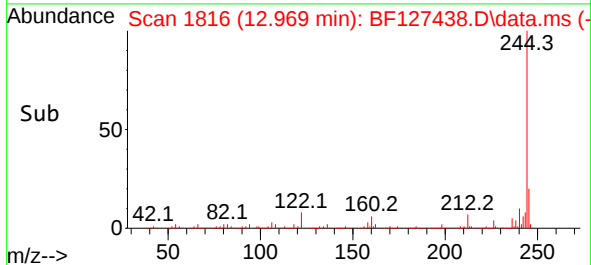
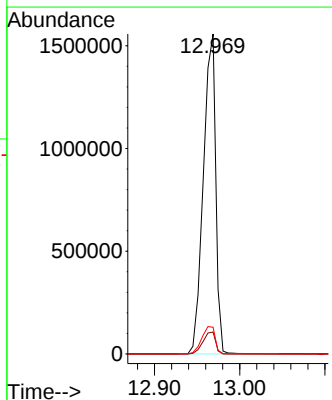
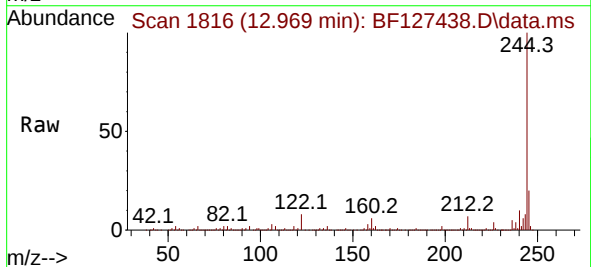
Instrument :
BNA_F
ClientSampleId :
C-12-12-14

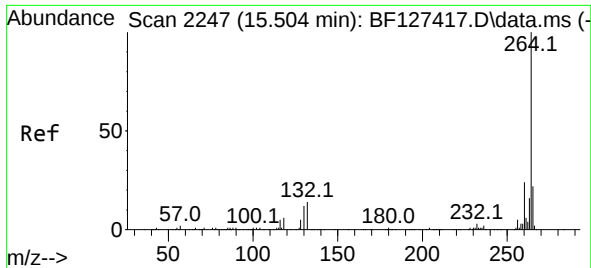
Tgt Ion:184 Resp: 19414
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 6.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 90.973 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127438.D
Acq: 22 Mar 2022 06:36

Tgt Ion:244 Resp: 1572266
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.4 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127438.D

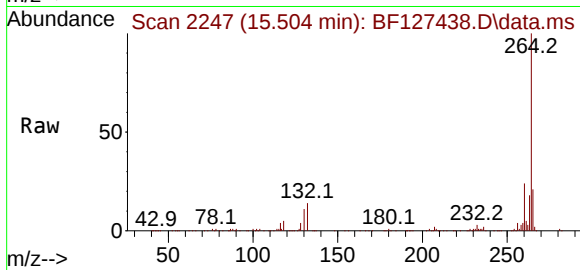
Acq: 22 Mar 2022 06:36

Instrument :

BNA_F

ClientSampleId :

C-12-12-14



Tgt Ion:264 Resp: 201328

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.4 17.4 26.2

