

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127468.D
 Acq On : 22 Mar 2022 23:07
 Operator : CG\JU
 Sample : N1949-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-2-4

Quant Time: Mar 23 03:03:16 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)

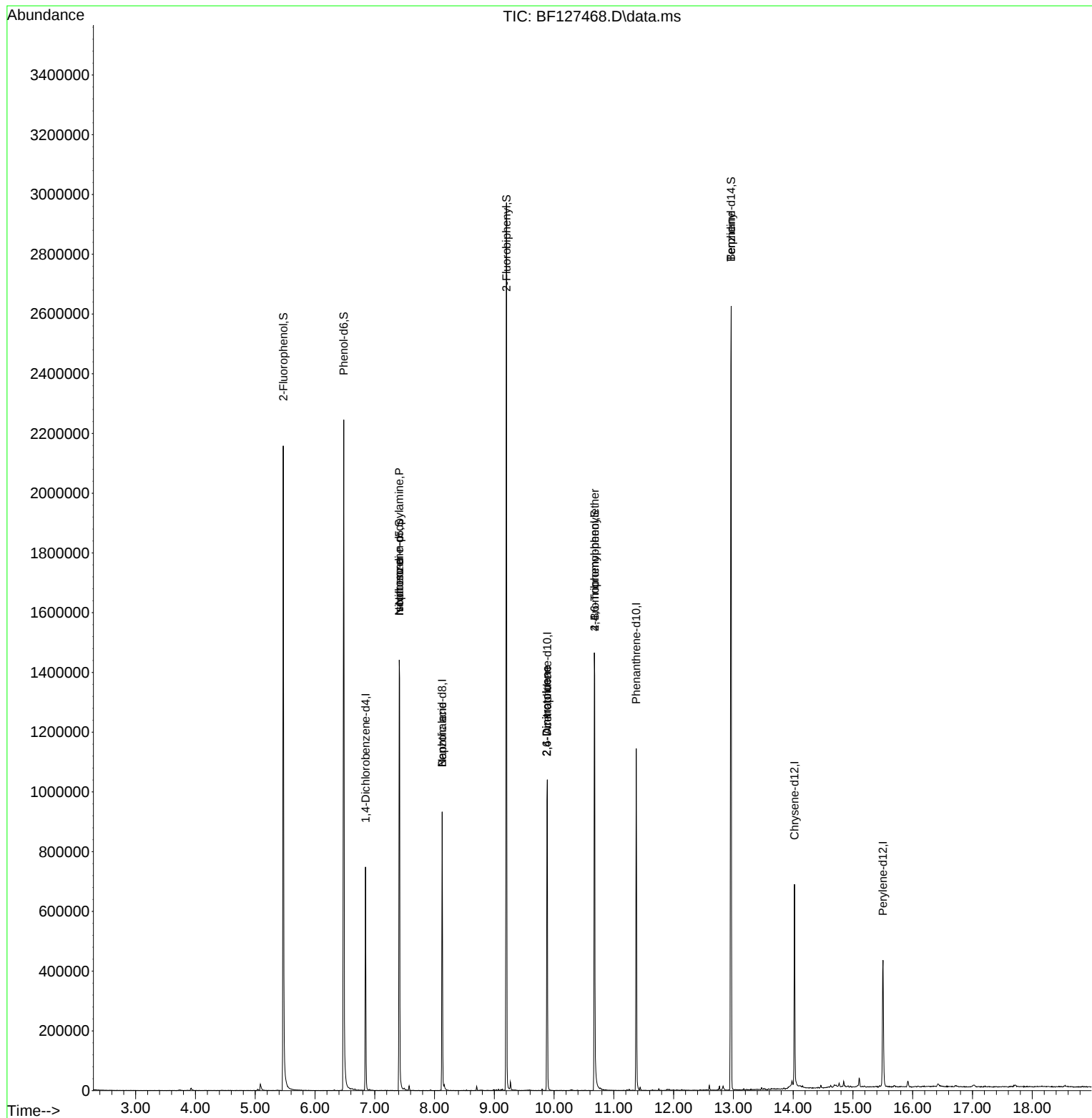
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	97457	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	364415	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	213928	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	396931	20.000	ng	0.00
76) Chrysene-d12	14.021	240	216945	20.000	ng	0.00
86) Perylene-d12	15.504	264	201985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	512360	83.918	ng	0.00
7) Phenol-d6	6.481	99	723098	86.643	ng	0.00
23) Nitrobenzene-d5	7.410	82	488547	57.306	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	183303	80.436	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	851047	58.091	ng	0.00
79) Terphenyl-d14	12.963	244	943095	71.164	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1112	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.410	70	65538	13.101	ng	# 80
25) Isophorone	7.410	82	488543	35.980	ng	# 70
32) Benzoic acid	8.128	122	61	6.060	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	27735	8.878	ng	# 17
57) 2,4-Dinitrotoluene	9.880	165	27735	6.897	ng	# 13
58) Fluorene	10.675	166	7262	Below Cal	#	82
67) 4-Bromophenyl-phenylether	10.680	248	12388	2.673	ng	# 1
77) Benzidine	12.963	184	12031	2.326	ng	# 96

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

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CP-BH1-031422-2-4

Quant Time: Mar 23 03:03:16 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

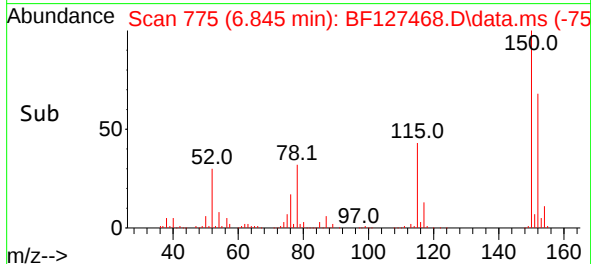
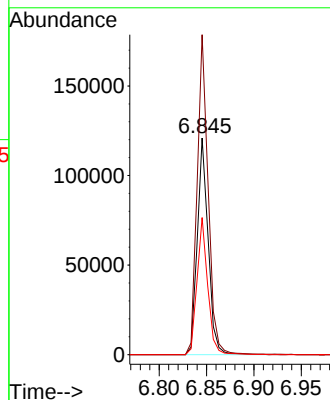
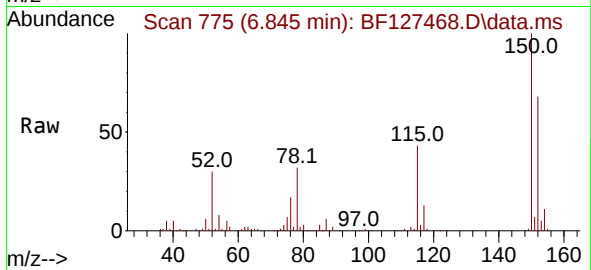




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127468.D
Acq: 22 Mar 2022 23:07

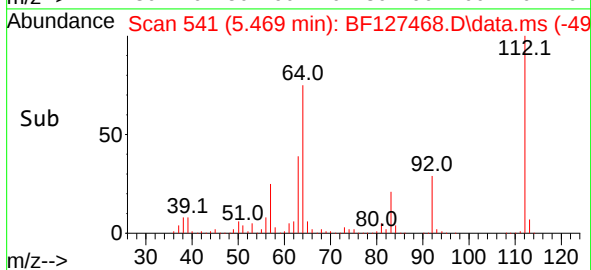
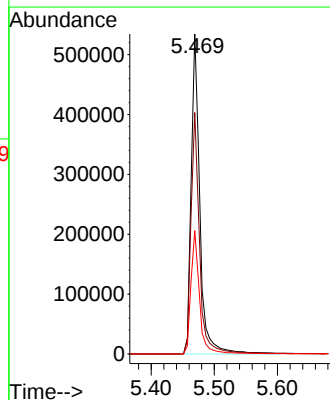
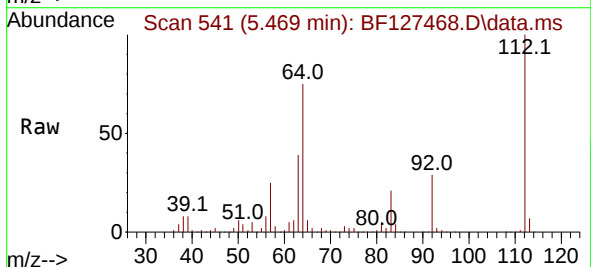
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-2-4

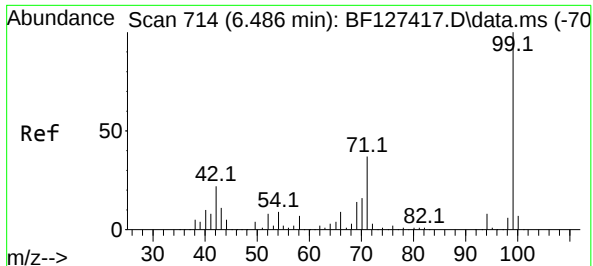
Tgt Ion:152 Resp: 97457
Ion Ratio Lower Upper
152 100
150 147.7 117.2 175.8
115 63.3 49.8 74.6



#5
2-Fluorophenol
Concen: 83.918 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF127468.D
Acq: 22 Mar 2022 23:07

Tgt Ion:112 Resp: 512360
Ion Ratio Lower Upper
112 100
64 75.5 58.4 87.6
63 38.5 30.1 45.1

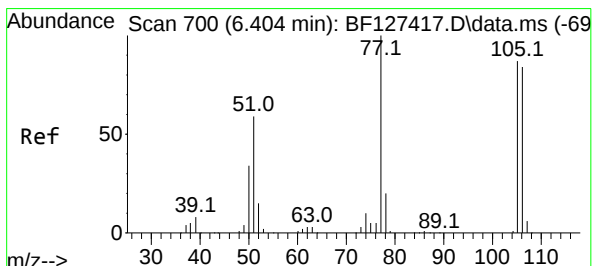
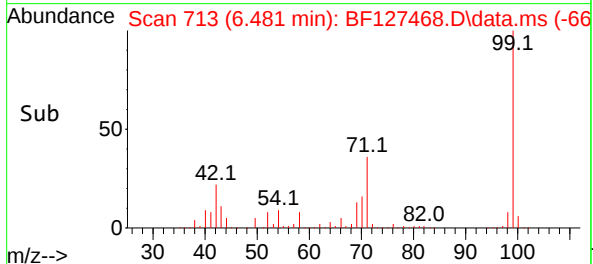
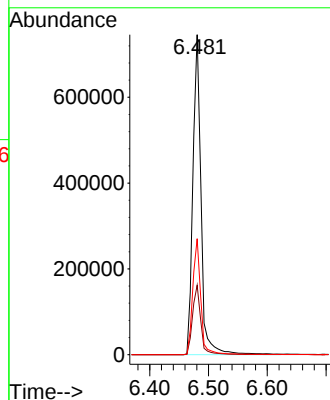
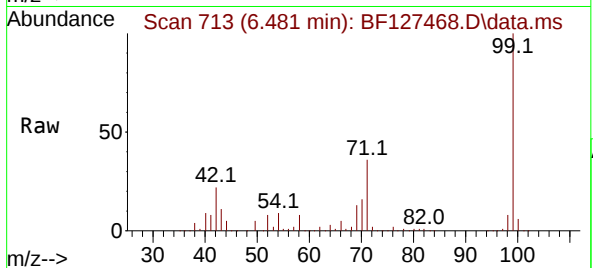




#7
Phenol-d6
Concen: 86.643 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127468.D
Acq: 22 Mar 2022 23:07

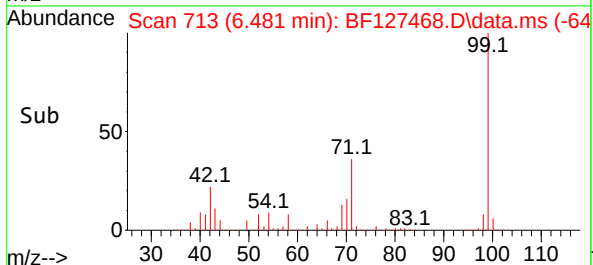
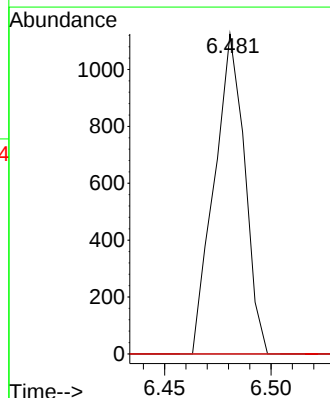
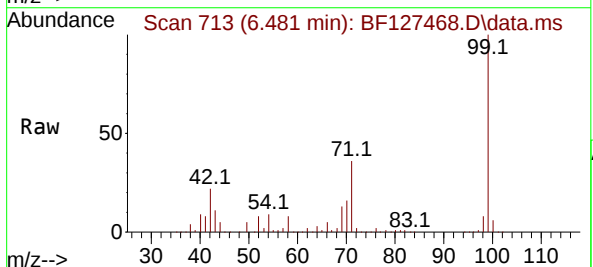
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-2-4

Tgt Ion: 99 Resp: 723098
Ion Ratio Lower Upper
99 100
42 21.7 17.8 26.6
71 36.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.077 min
Lab File: BF127468.D
Acq: 22 Mar 2022 23:07

Tgt Ion: 77 Resp: 1112
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 13.101 ng

RT: 7.410 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127468.D

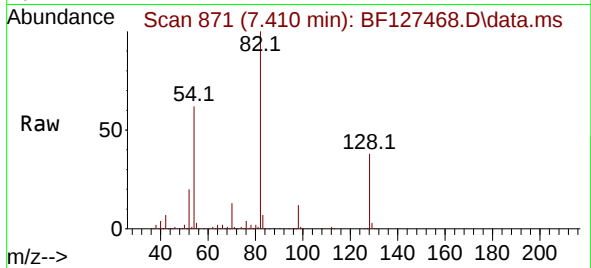
Acq: 22 Mar 2022 23:07

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-2-4



Tgt Ion: 70 Resp: 65538

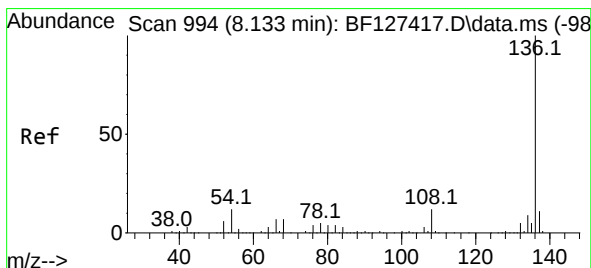
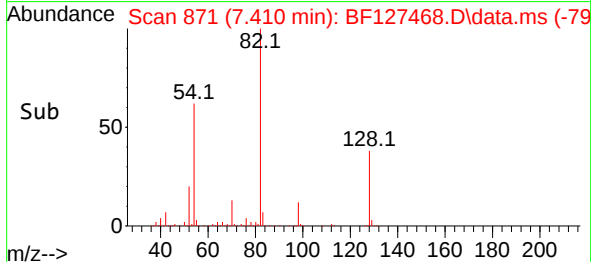
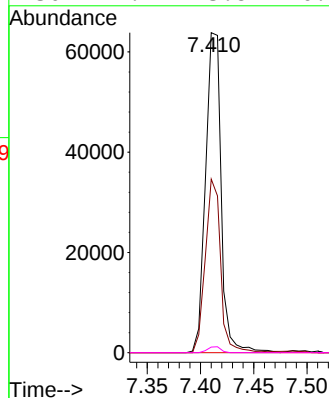
Ion Ratio Lower Upper

70 100

42 54.3 53.0 79.6

101 0.0 6.8 10.2#

130 1.7 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: BF127468.D

Acq: 22 Mar 2022 23:07

Tgt Ion: 136 Resp: 364415

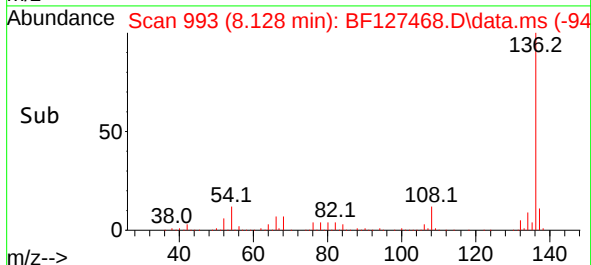
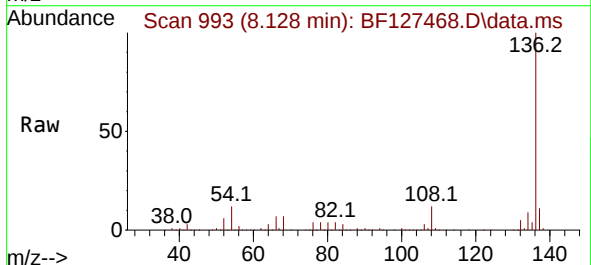
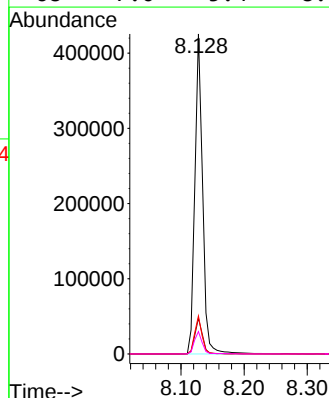
Ion Ratio Lower Upper

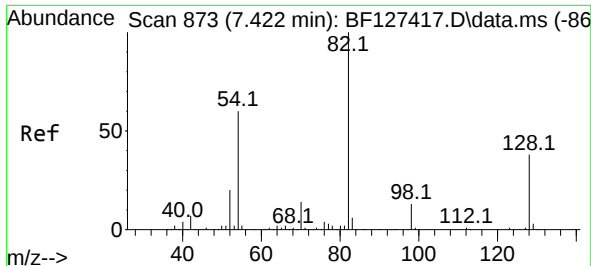
136 100

137 11.2 8.6 13.0

54 11.9 9.2 13.8

68 7.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 57.306 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.012 min

Lab File: BF127468.D

Acq: 22 Mar 2022 23:07

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-2-4

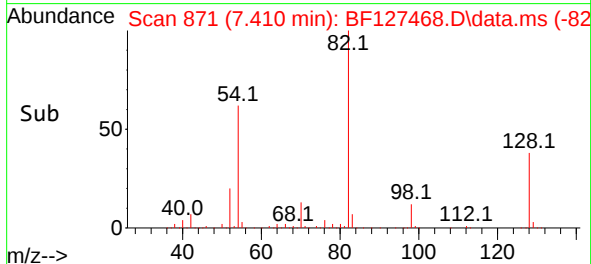
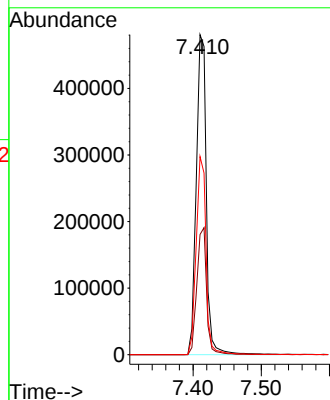
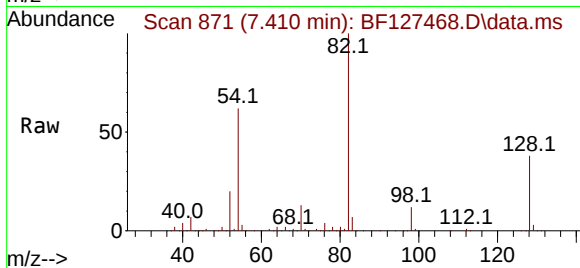
Tgt Ion: 82 Resp: 488547

Ion Ratio Lower Upper

82 100

128 37.5 30.6 45.8

54 61.9 48.2 72.2



#25

Isophorone

Concen: 35.980 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.265 min

Lab File: BF127468.D

Acq: 22 Mar 2022 23:07

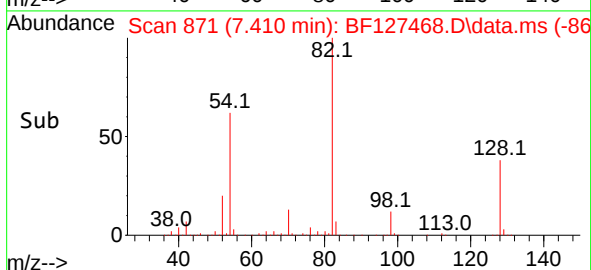
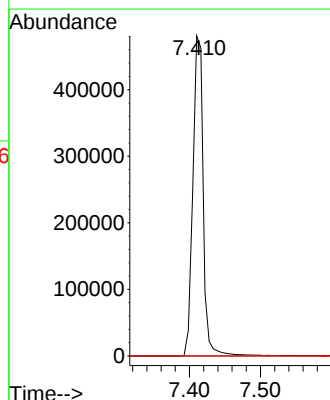
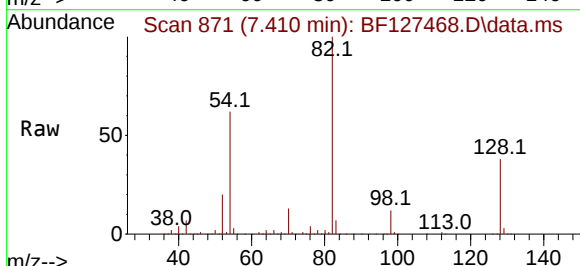
Tgt Ion: 82 Resp: 488543

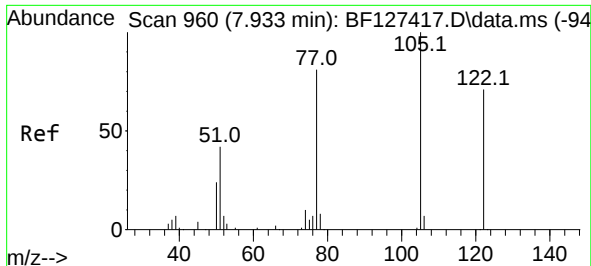
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

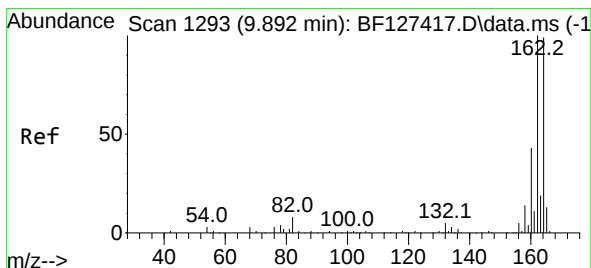
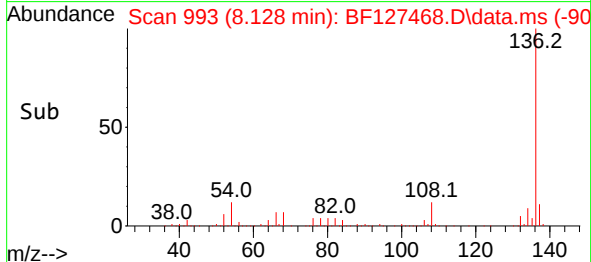
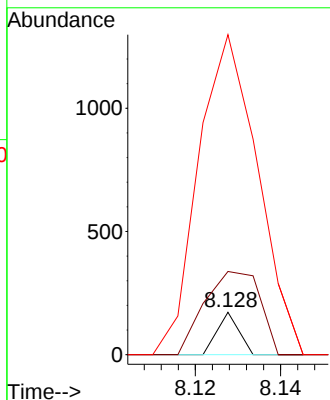
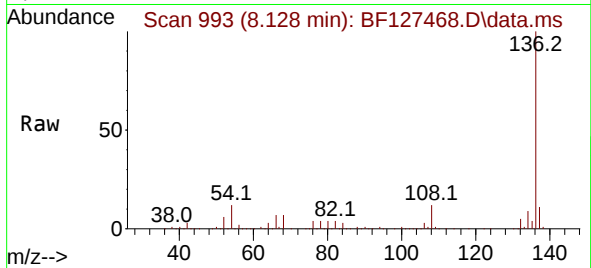




#32
Benzoic acid
Concen: 6.060 ng
RT: 8.128 min Scan# 91
Delta R.T. 0.195 min
Lab File: BF127468.D
Acq: 22 Mar 2022 23:07

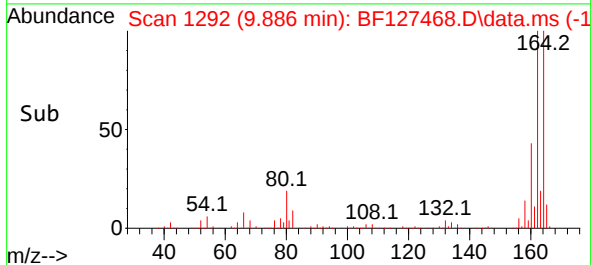
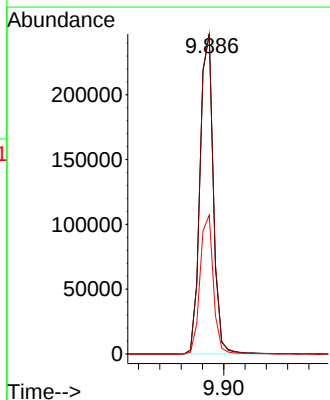
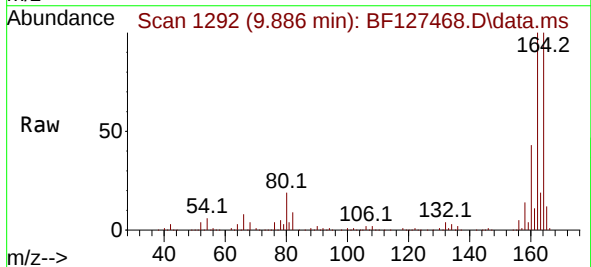
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-2-4

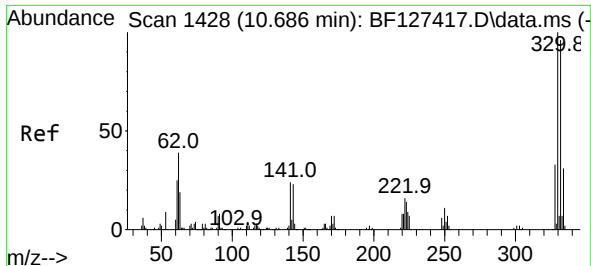
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 196.5 117.1 157.1#
77 755.2 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127468.D
Acq: 22 Mar 2022 23:07

Tgt Ion:164 Resp: 213928
Ion Ratio Lower Upper
164 100
162 99.9 81.2 121.8
160 43.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 80.436 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127468.D

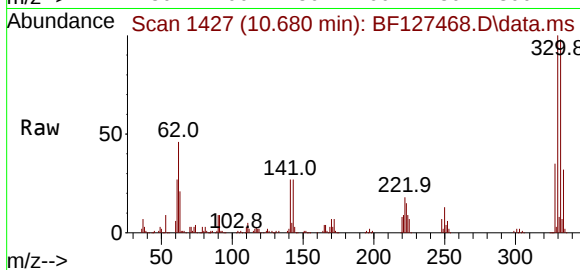
Acq: 22 Mar 2022 23:07

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-2-4



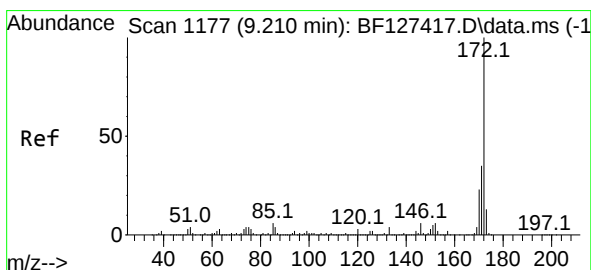
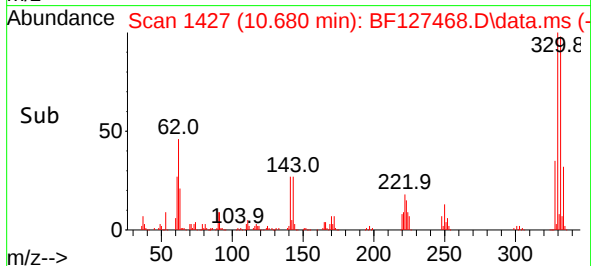
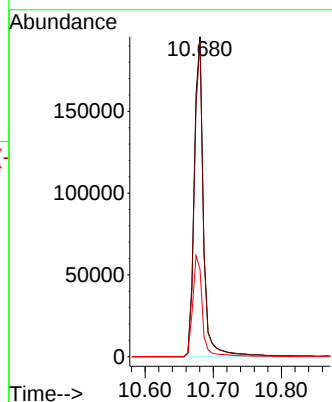
Tgt Ion:330 Resp: 183303

Ion Ratio Lower Upper

330 100

332 97.6 79.1 118.7

141 33.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 58.091 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127468.D

Acq: 22 Mar 2022 23:07

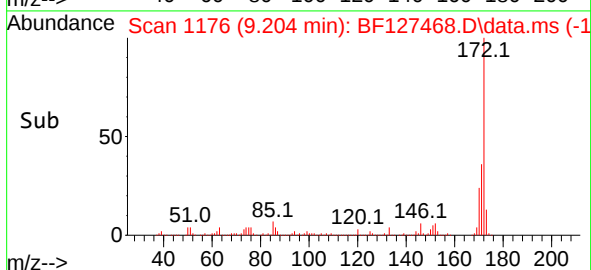
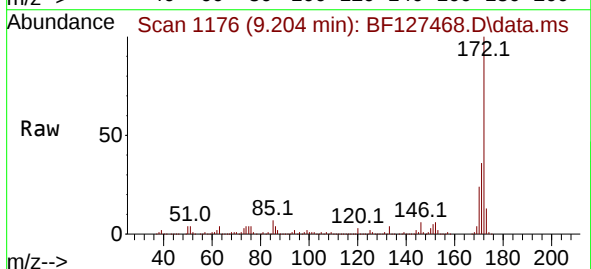
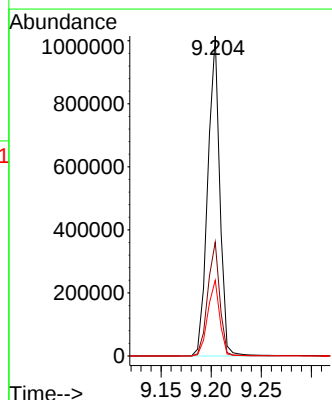
Tgt Ion:172 Resp: 851047

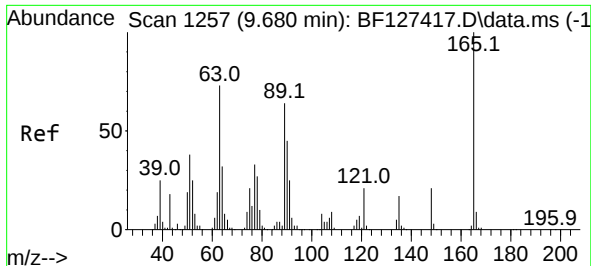
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.878 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF127468.D

Acq: 22 Mar 2022 23:07

Instrument :

BNA_F

ClientSampleId :

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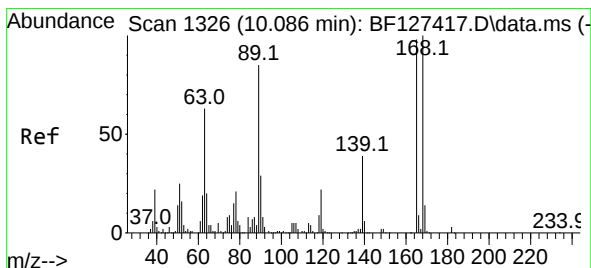
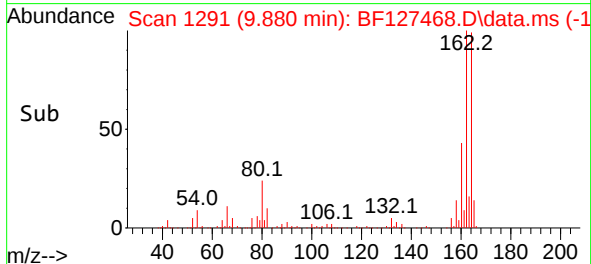
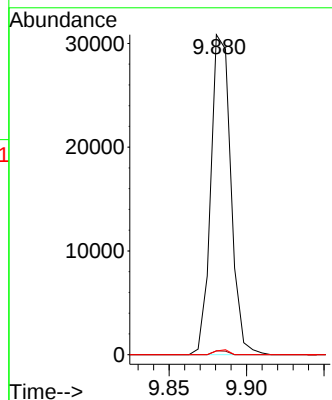
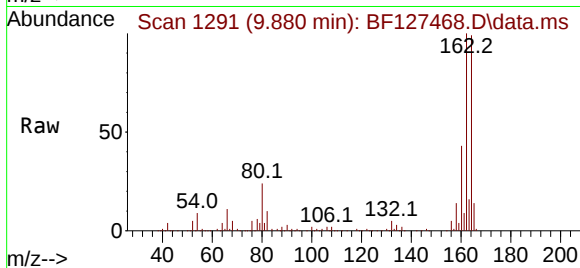
Tgt Ion:165 Resp: 27735

Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.2 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.897 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF127468.D

Acq: 22 Mar 2022 23:07

Tgt Ion:165 Resp: 27735

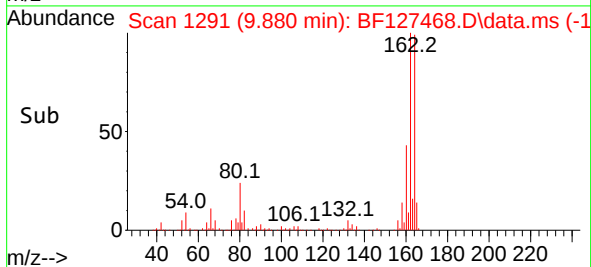
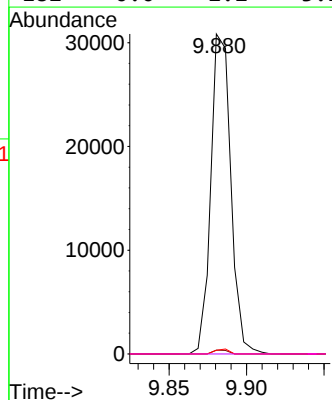
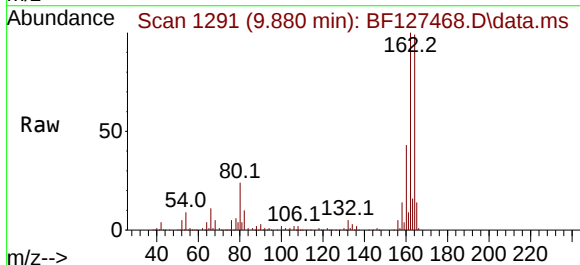
Ion Ratio Lower Upper

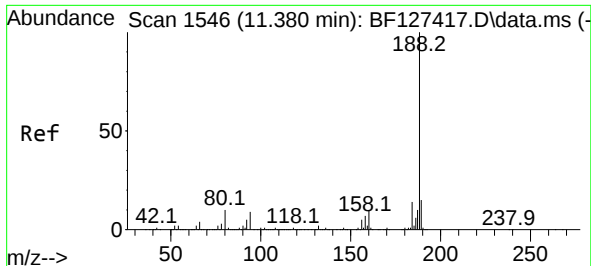
165 100

63 1.2 53.1 79.7#

89 1.2 69.2 103.8#

182 0.0 2.2 3.2#

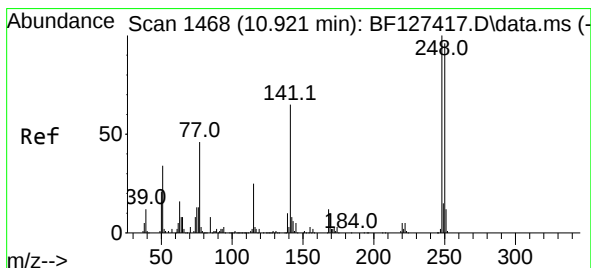
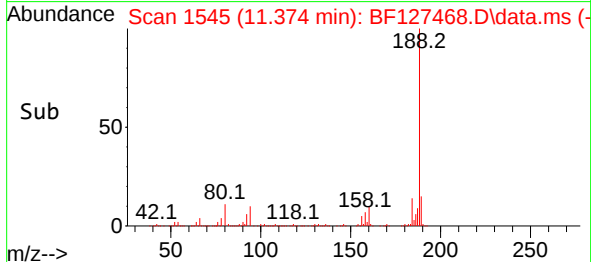
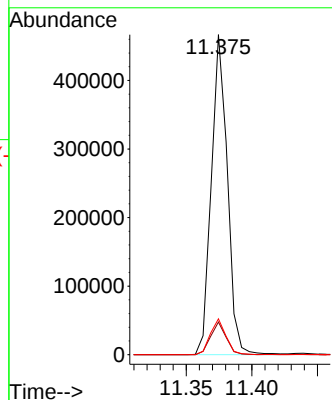
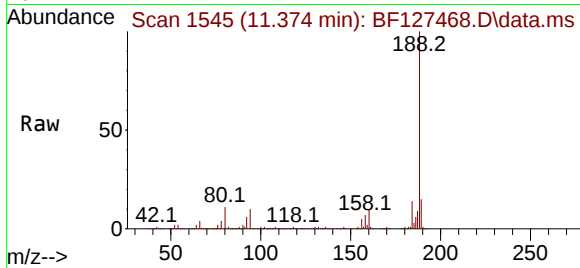




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127468.D
Acq: 22 Mar 2022 23:07

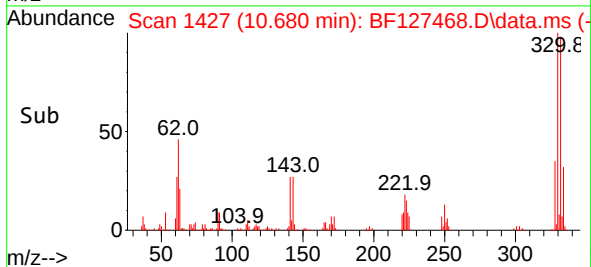
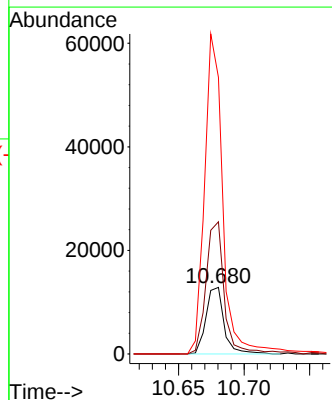
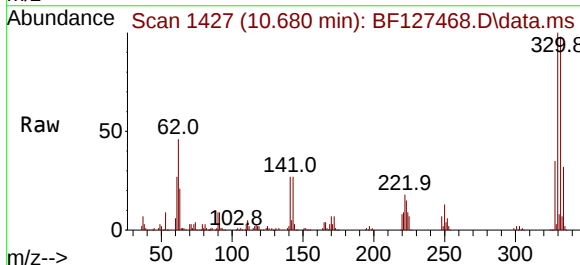
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-2-4

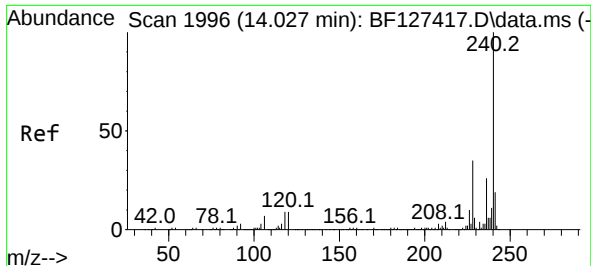
Tgt Ion:188 Resp: 396931
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.2 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 2.673 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127468.D
Acq: 22 Mar 2022 23:07

Tgt Ion:248 Resp: 12388
Ion Ratio Lower Upper
248 100
250 198.5 76.6 115.0#
141 415.8 52.2 78.2#

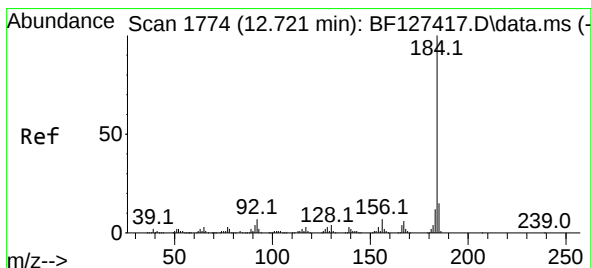
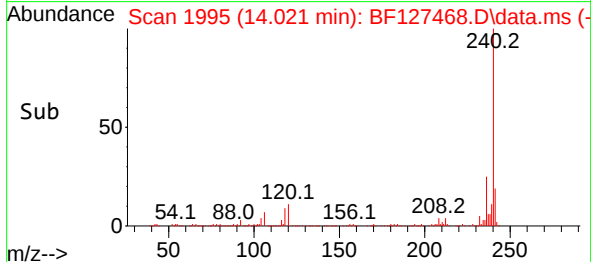
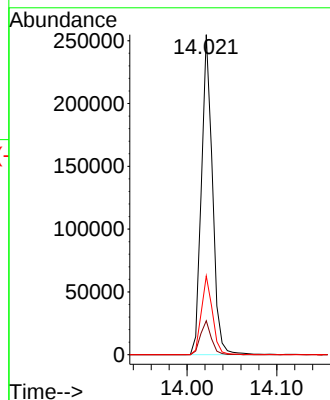
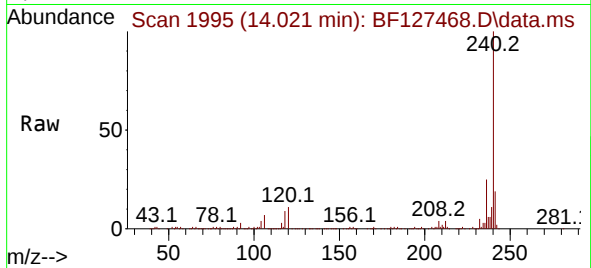




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127468.D
Acq: 22 Mar 2022 23:07

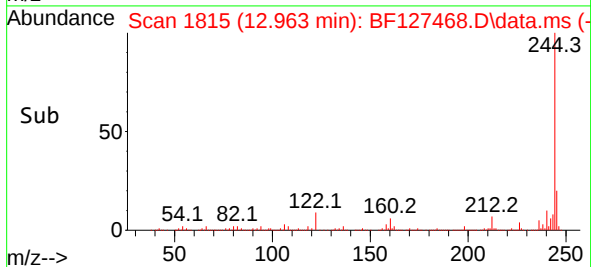
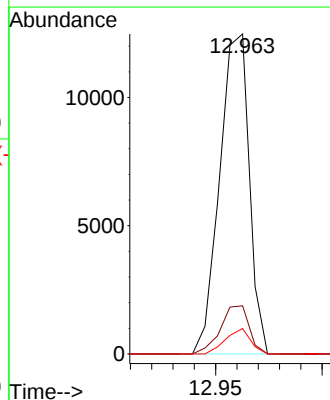
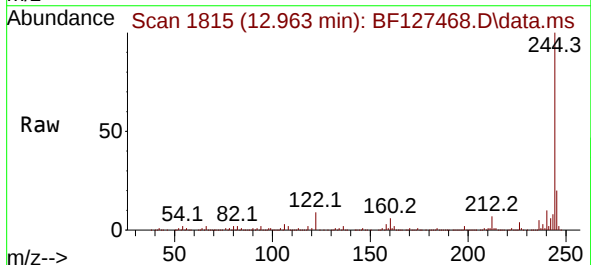
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-2-4

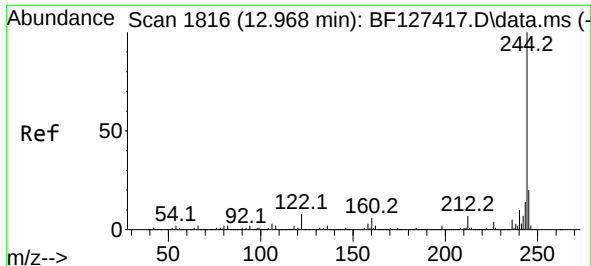
Tgt Ion:240 Resp: 216945
Ion Ratio Lower Upper
240 100
120 10.6 7.1 10.7
236 24.6 20.7 31.1



#77
Benzidine
Concen: 2.326 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127468.D
Acq: 22 Mar 2022 23:07

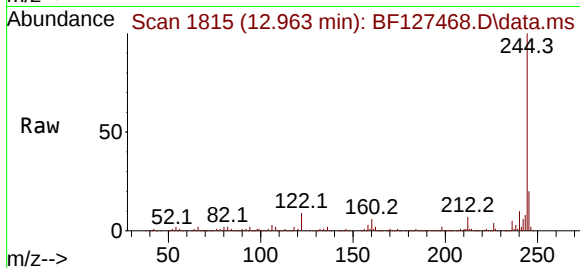
Tgt Ion:184 Resp: 12031
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 8.0 9.4 14.0#



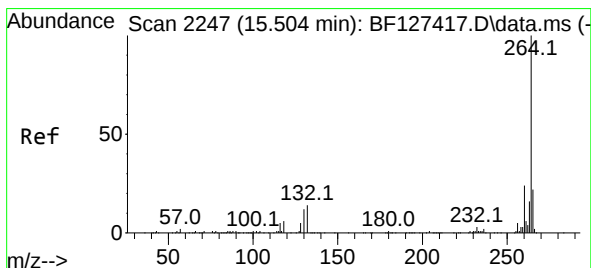
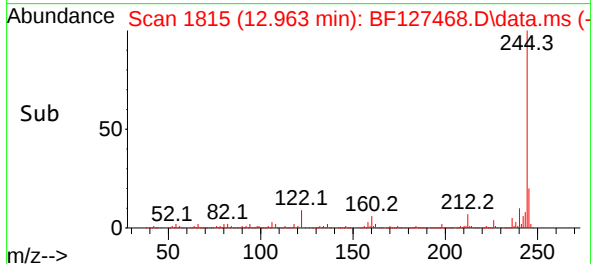
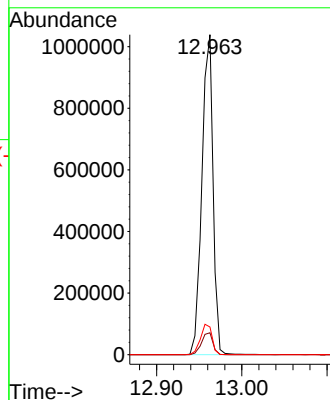


#79
 Terphenyl-d14
 Concen: 71.164 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127468.D
 Acq: 22 Mar 2022 23:07

Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-2-4



Tgt Ion:244 Resp: 943095
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.7 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127468.D
 Acq: 22 Mar 2022 23:07

Tgt Ion:264 Resp: 201985
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 19.3 17.4 26.2

