

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127436.D
 Acq On : 22 Mar 2022 05:39
 Operator : CG\JU
 Sample : N1958-25
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-10-9-10

Quant Time: Mar 22 06:07:56 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)

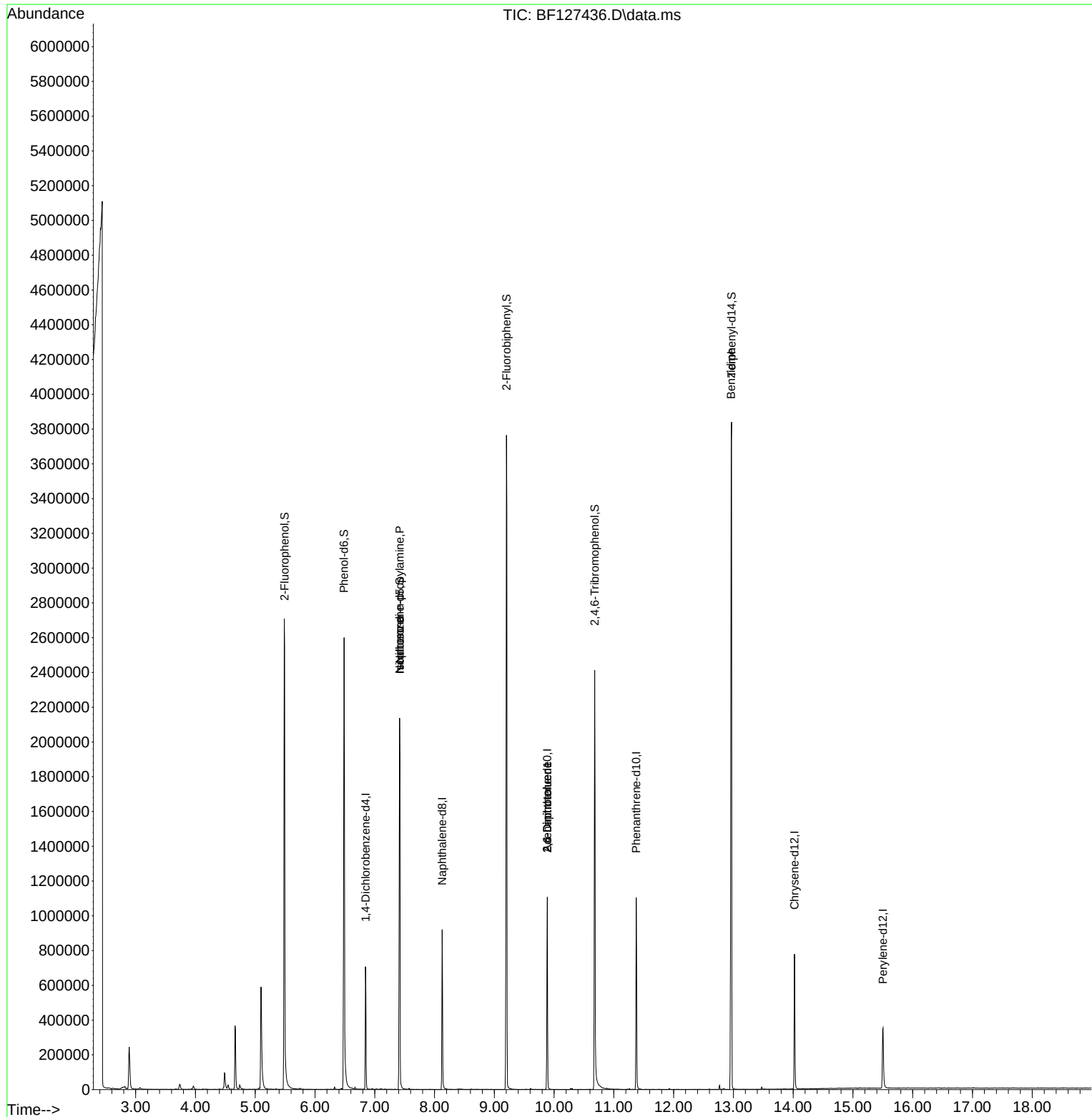
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	98395	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	357800	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	210623	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	384127	20.000	ng	0.00
76) Chrysene-d12	14.021	240	261583	20.000	ng	0.00
86) Perylene-d12	15.504	264	179226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	747619	121.283	ng	0.02
7) Phenol-d6	6.487	99	947662	112.468	ng	0.00
23) Nitrobenzene-d5	7.416	82	768622	91.826	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	309440	137.917	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1291576	89.544	ng	0.00
79) Terphenyl-d14	12.968	244	1551003	97.064	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1425	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	105194	20.827	ng	# 79
25) Isophorone	7.416	82	768617	57.653	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	26701	8.681	ng	# 16
55) Dibenzofuran	10.104	168	117	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.886	165	26701	6.744	ng	# 13
58) Fluorene	10.445	166	379	Below Cal	#	95
77) Benzidine	12.963	184	19835	3.180	ng	# 93

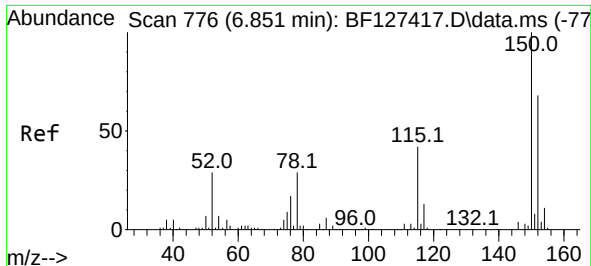
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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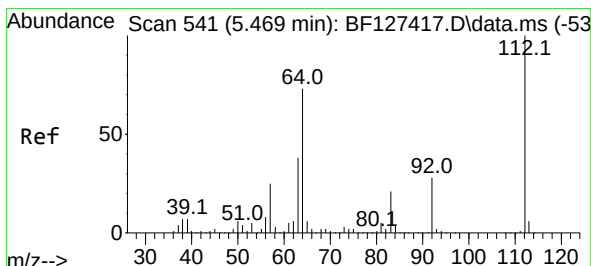
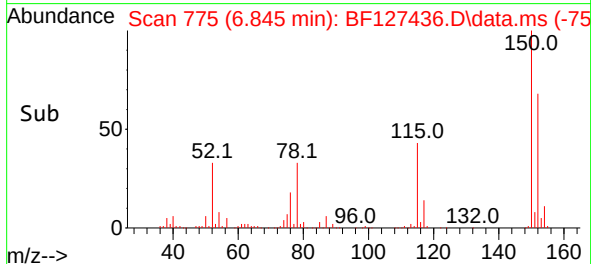
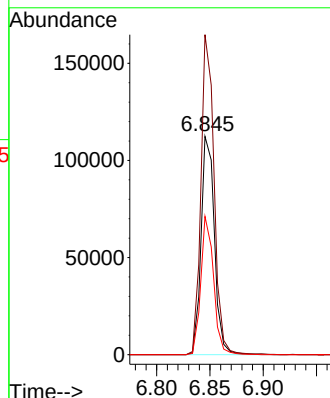
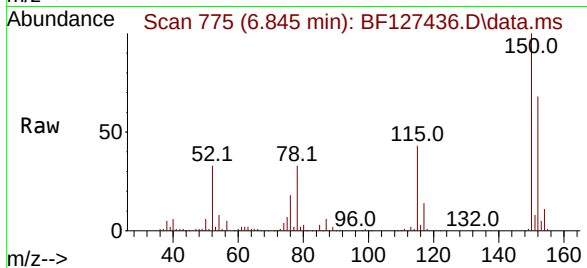




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127436.D
 Acq: 22 Mar 2022 05:39

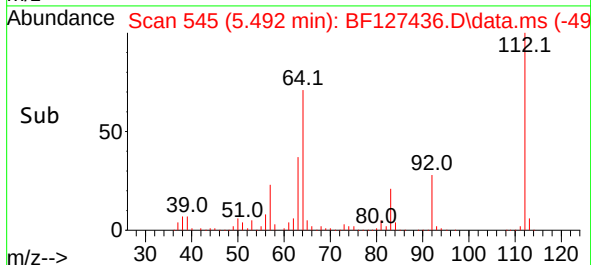
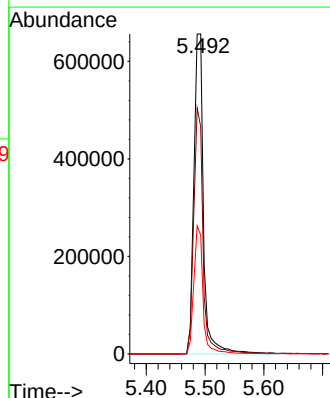
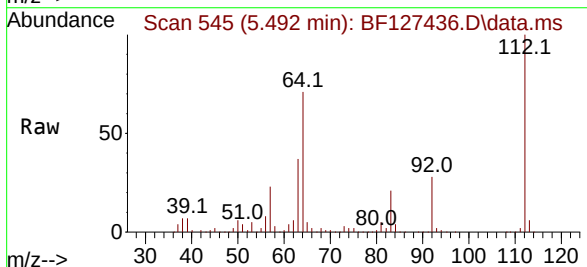
Instrument :
 BNA_F
 ClientSampleId :
 C-10-9-10

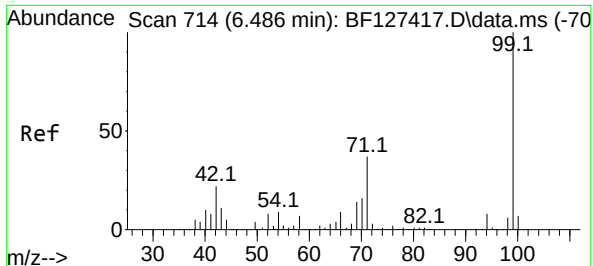
Tgt Ion:152 Resp: 98395
 Ion Ratio Lower Upper
 152 100
 150 146.6 117.2 175.8
 115 63.3 49.8 74.6



#5
 2-Fluorophenol
 Concen: 121.283 ng
 RT: 5.492 min Scan# 545
 Delta R.T. 0.024 min
 Lab File: BF127436.D
 Acq: 22 Mar 2022 05:39

Tgt Ion:112 Resp: 747619
 Ion Ratio Lower Upper
 112 100
 64 71.0 58.4 87.6
 63 37.1 30.1 45.1

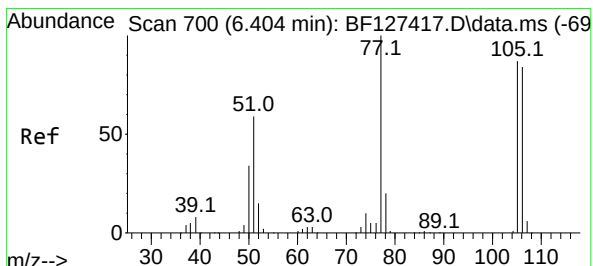
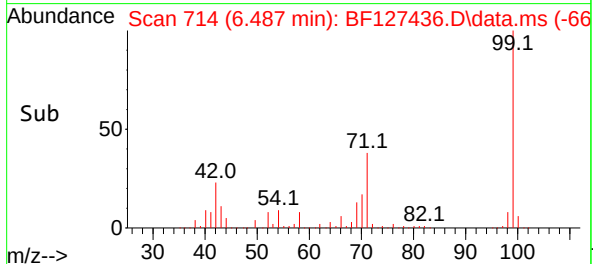
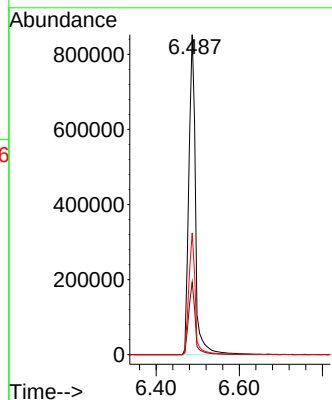
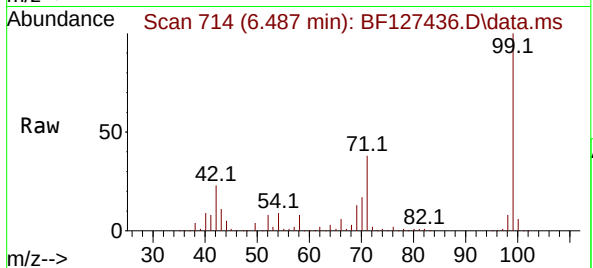




#7
Phenol-d6
Concen: 112.468 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127436.D
Acq: 22 Mar 2022 05:39

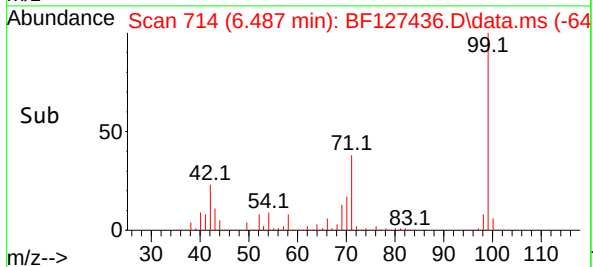
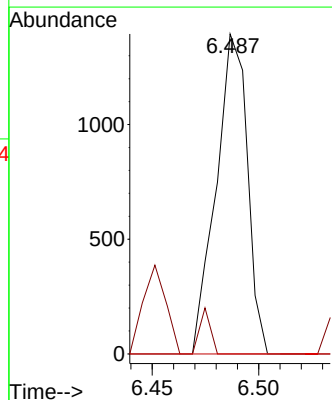
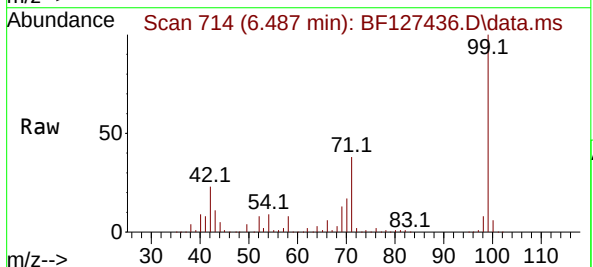
Instrument :
BNA_F
ClientSampleId :
C-10-9-10

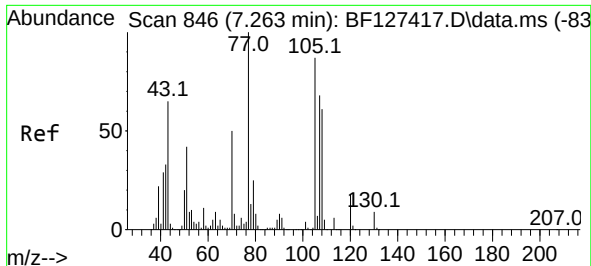
Tgt Ion: 99 Resp: 947662
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 38.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 714
Delta R.T. 0.083 min
Lab File: BF127436.D
Acq: 22 Mar 2022 05:39

Tgt Ion: 77 Resp: 1425
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: 20.827 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127436.D

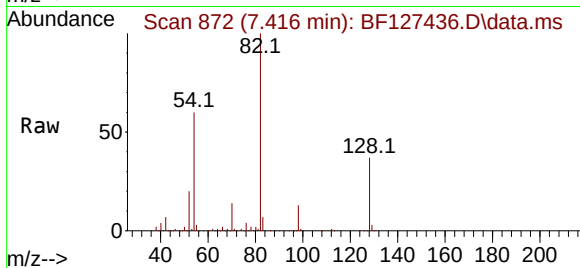
Acq: 22 Mar 2022 05:39

Instrument :

BNA_F

ClientSampleId :

C-10-9-10



Tgt Ion: 70 Resp: 105194

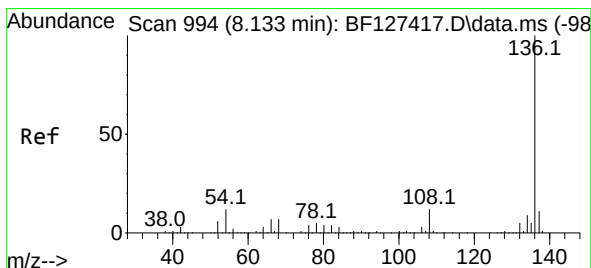
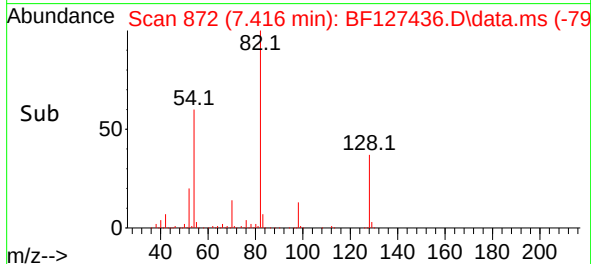
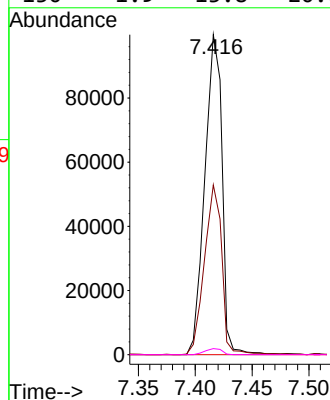
Ion Ratio Lower Upper

70 100

42 53.0 53.0 79.6#

101 0.0 6.8 10.2#

130 1.9 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: BF127436.D

Acq: 22 Mar 2022 05:39

Tgt Ion:136 Resp: 357800

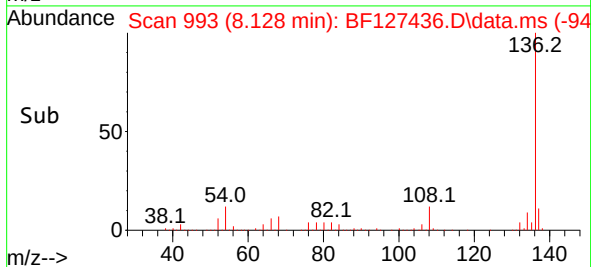
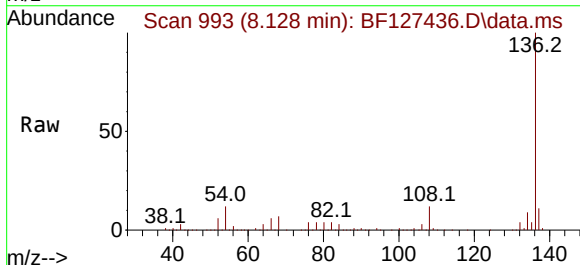
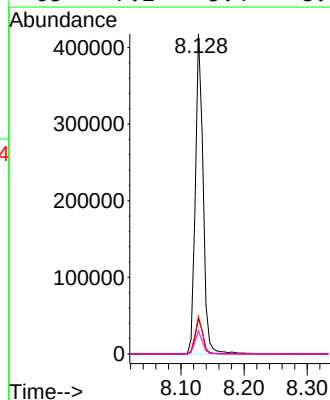
Ion Ratio Lower Upper

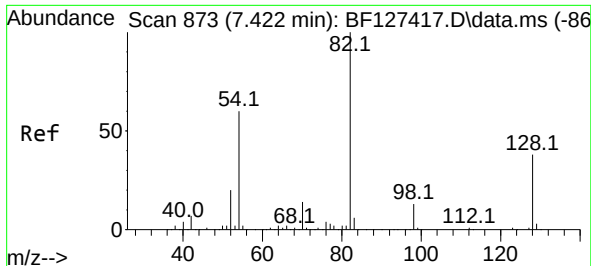
136 100

137 11.0 8.6 13.0

54 11.8 9.2 13.8

68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 91.826 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127436.D

Acq: 22 Mar 2022 05:39

Instrument :

BNA_F

ClientSampleId :

C-10-9-10

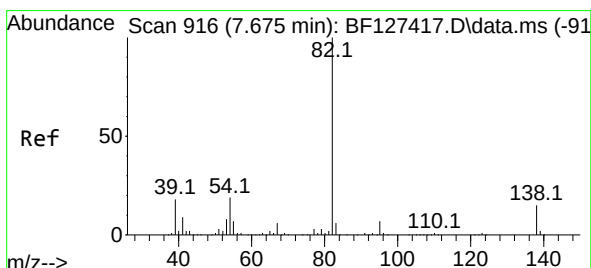
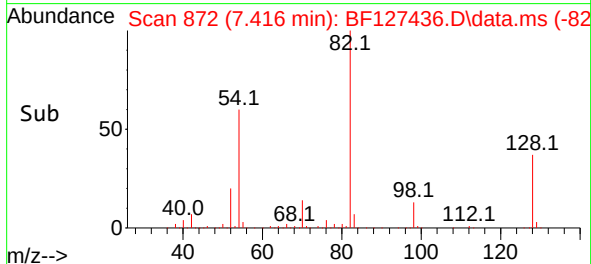
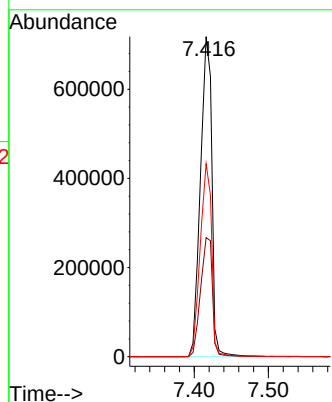
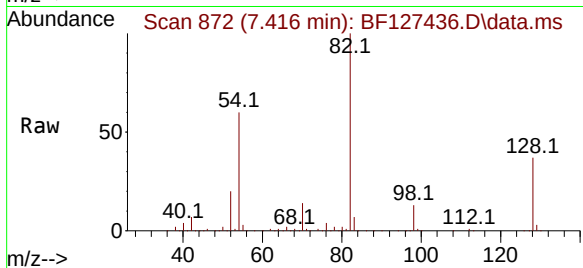
Tgt Ion: 82 Resp: 768622

Ion Ratio Lower Upper

82 100

128 37.2 30.6 45.8

54 60.3 48.2 72.2



#25

Isophorone

Concen: 57.653 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127436.D

Acq: 22 Mar 2022 05:39

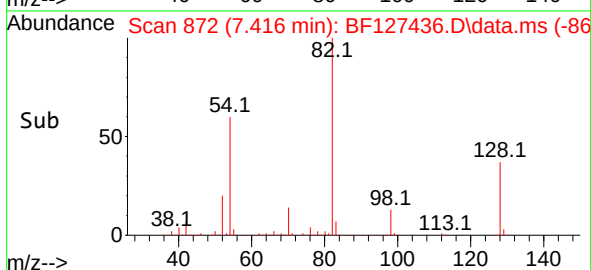
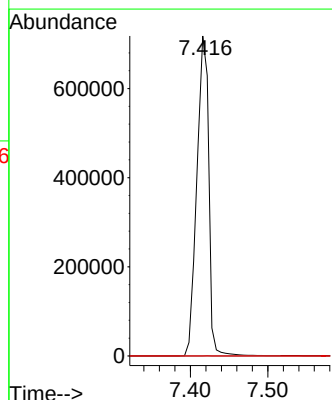
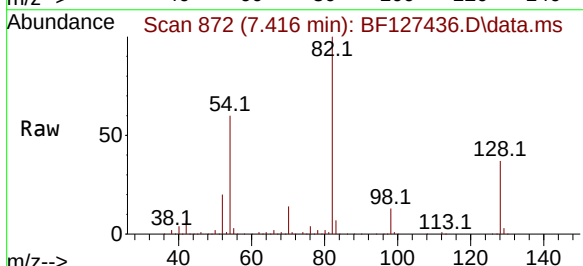
Tgt Ion: 82 Resp: 768617

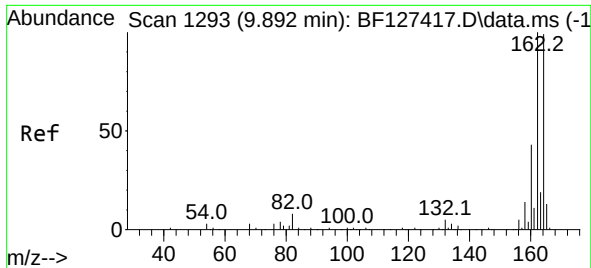
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

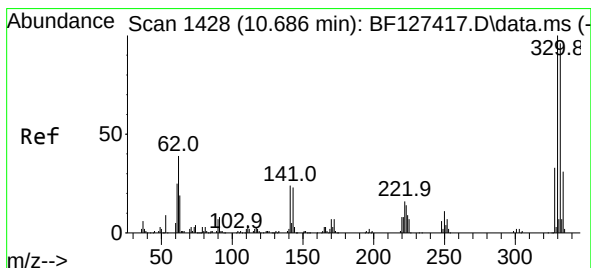
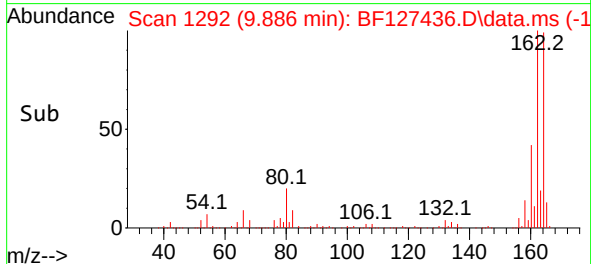
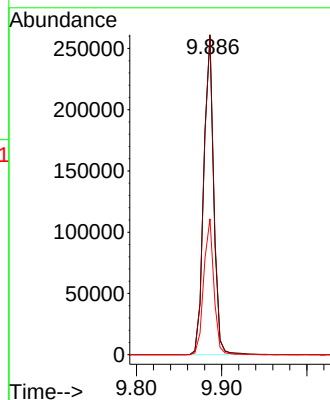
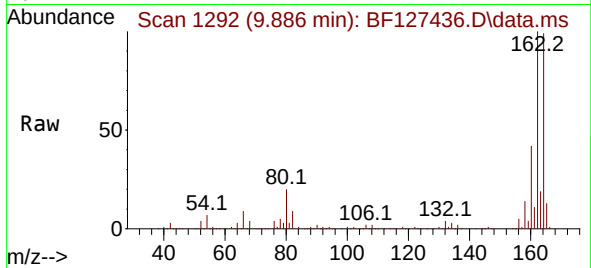




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127436.D
Acq: 22 Mar 2022 05:39

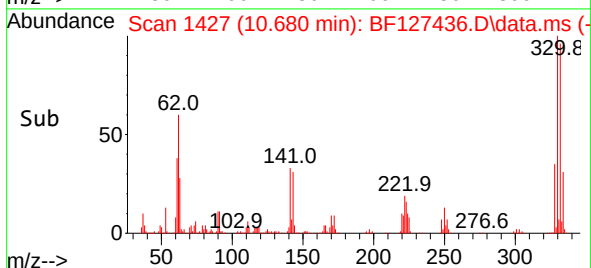
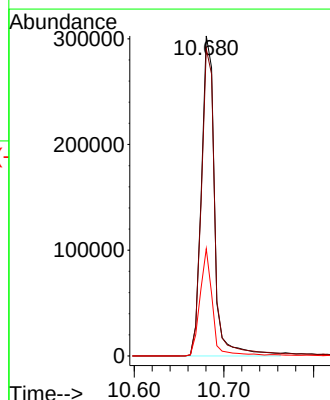
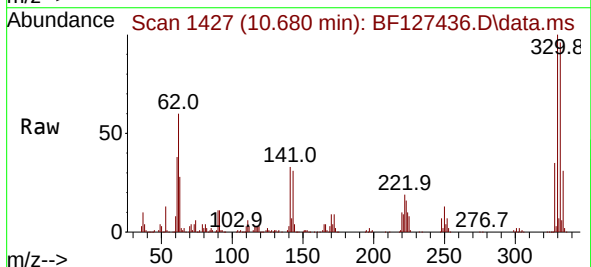
Instrument :
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C-10-9-10

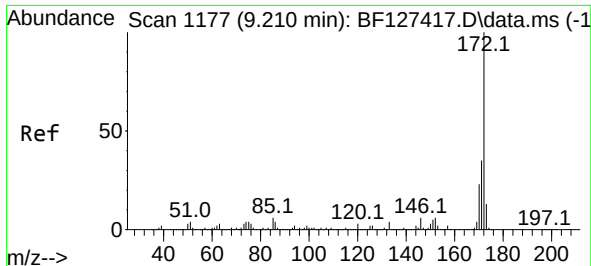
Tgt Ion:164 Resp: 210623
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 42.7 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 137.917 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127436.D
Acq: 22 Mar 2022 05:39

Tgt Ion:330 Resp: 309440
Ion Ratio Lower Upper
330 100
332 100.0 79.1 118.7
141 31.6 26.2 39.4

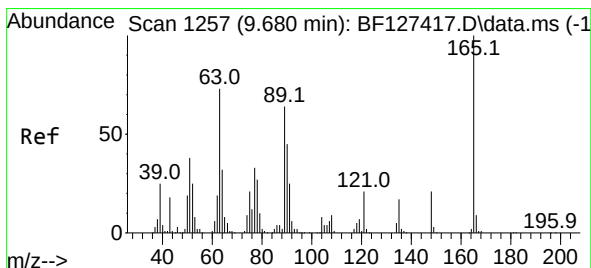
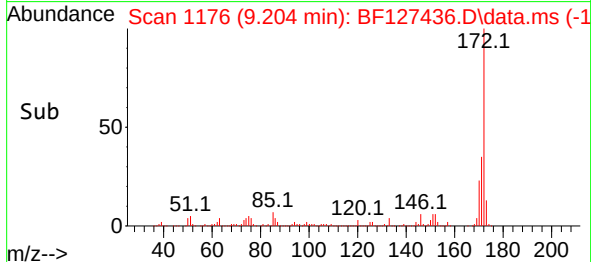
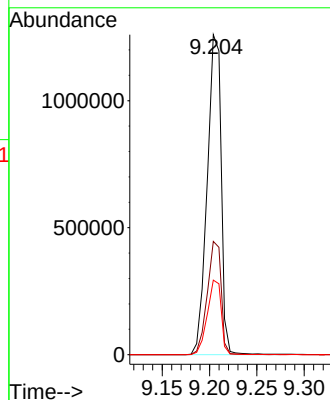
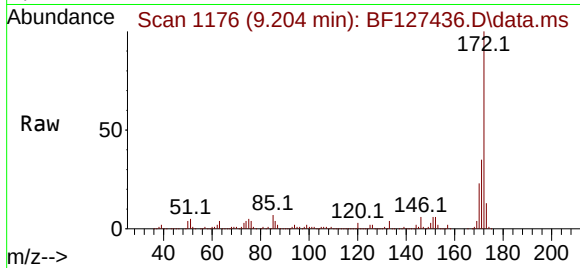




#45
2-Fluorobiphenyl
Concen: 89.544 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127436.D
Acq: 22 Mar 2022 05:39

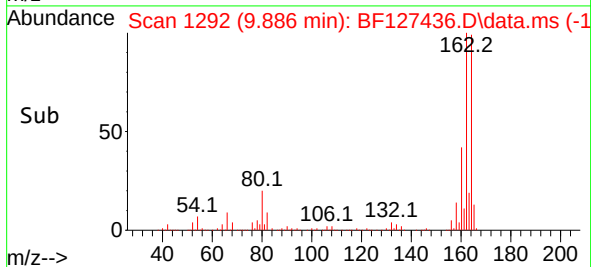
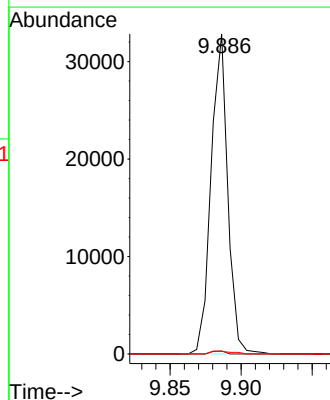
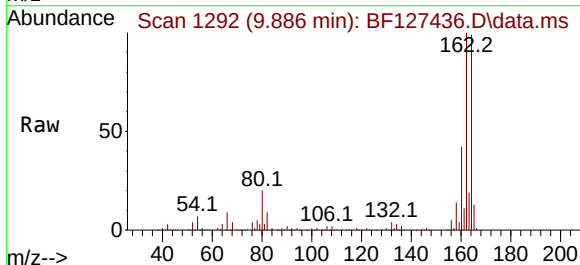
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C-10-9-10

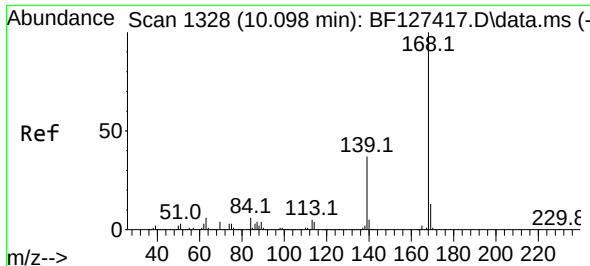
Tgt Ion:172 Resp: 1291576
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.681 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127436.D
Acq: 22 Mar 2022 05:39

Tgt Ion:165 Resp: 26701
Ion Ratio Lower Upper
165 100
63 0.9 58.3 87.5#
89 0.8 51.5 77.3#

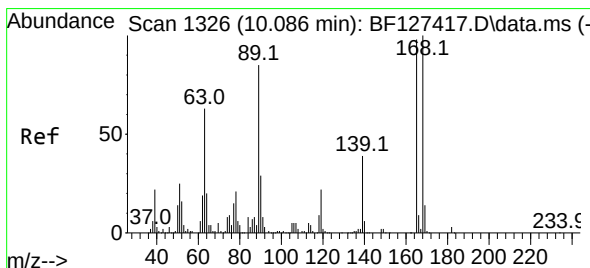
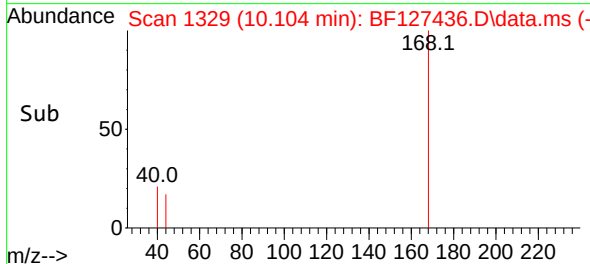
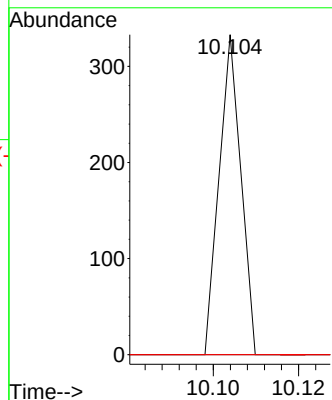
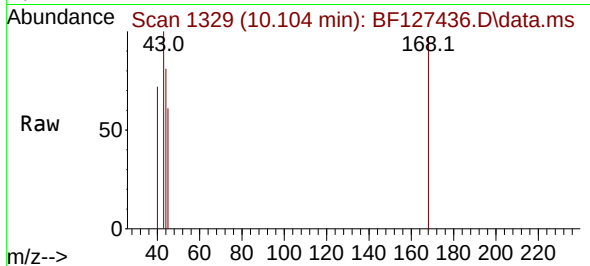




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.104 min Scan# 117
Delta R.T. 0.006 min
Lab File: BF127436.D
Acq: 22 Mar 2022 05:39

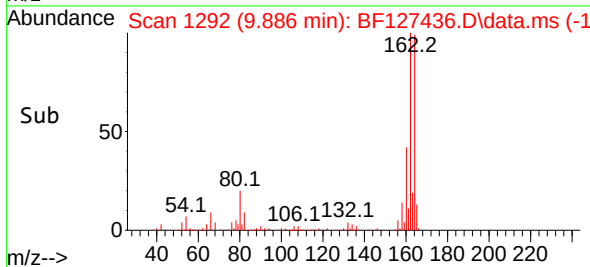
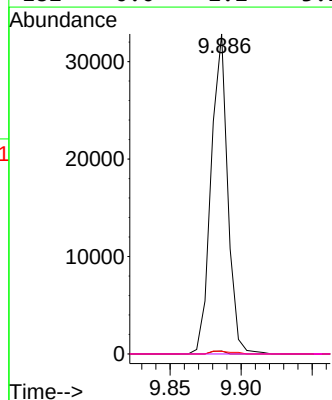
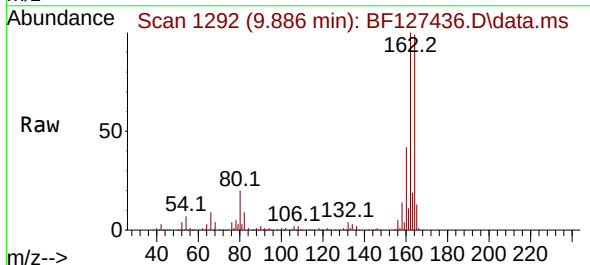
Instrument :
BNA_F
ClientSampleId :
C-10-9-10

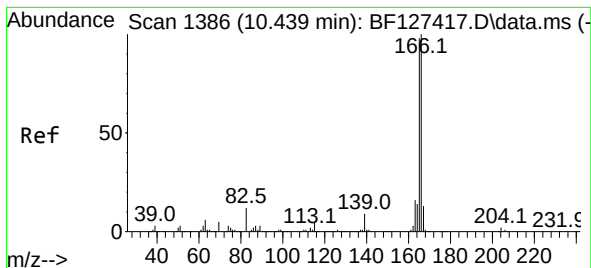
Tgt Ion:168 Resp: 117
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.744 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127436.D
Acq: 22 Mar 2022 05:39

Tgt Ion:165 Resp: 26701
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 0.8 69.2 103.8#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.445 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF127436.D

Acq: 22 Mar 2022 05:39

Instrument :

BNA_F

ClientSampleId :

C-10-9-10

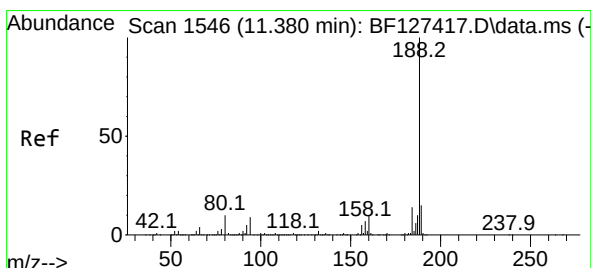
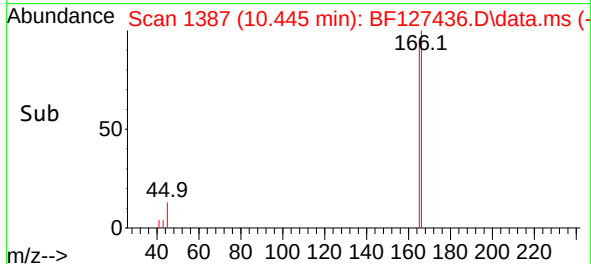
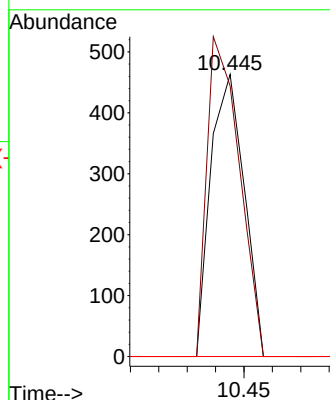
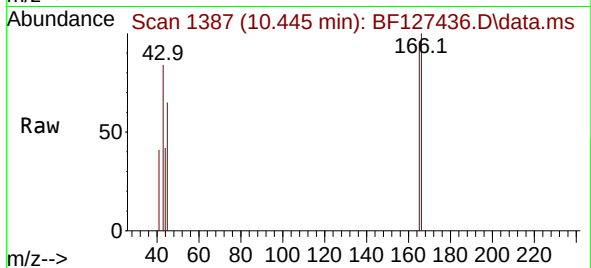
Tgt Ion:166 Resp: 379

Ion Ratio Lower Upper

166 100

165 95.9 78.1 117.1

167 0.0 10.5 15.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF127436.D

Acq: 22 Mar 2022 05:39

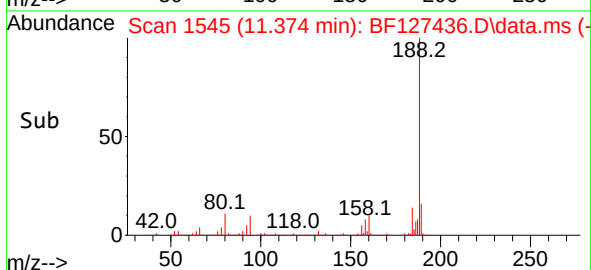
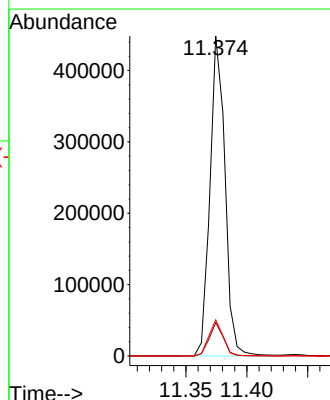
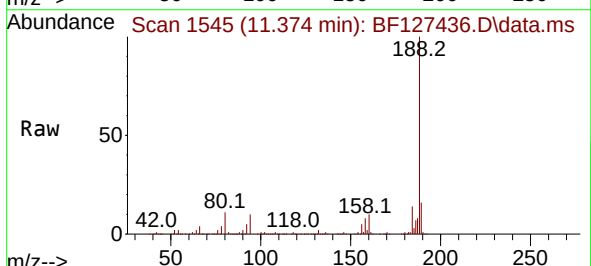
Tgt Ion:188 Resp: 384127

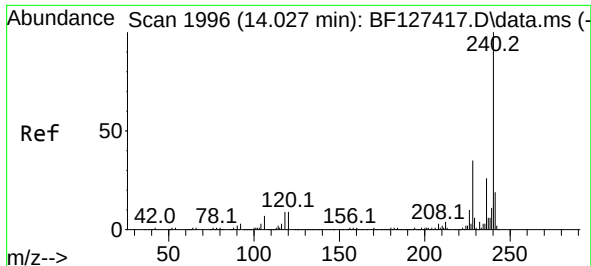
Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.0

80 11.3 8.0 12.0

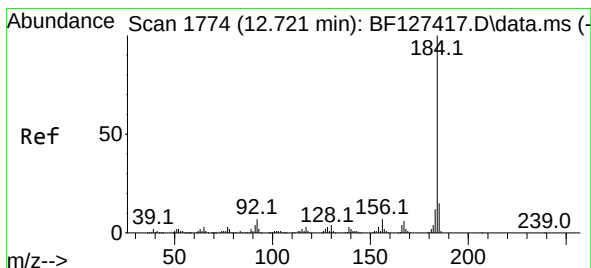
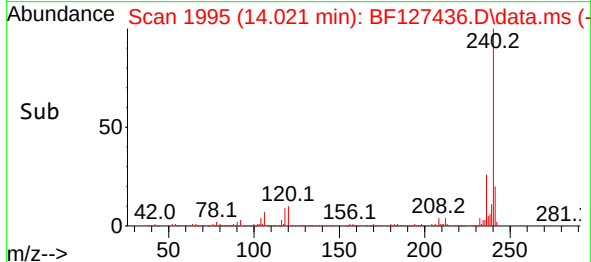
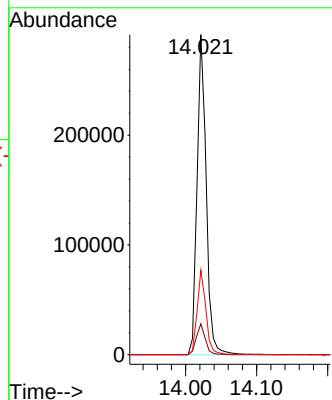
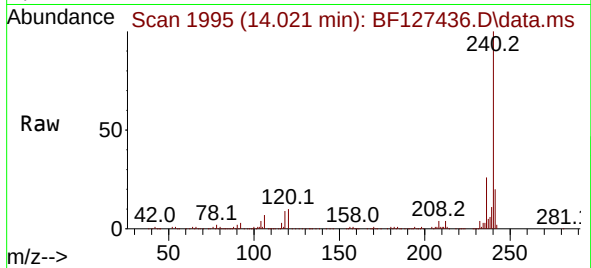




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127436.D
Acq: 22 Mar 2022 05:39

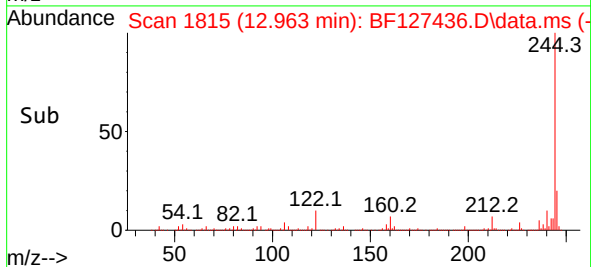
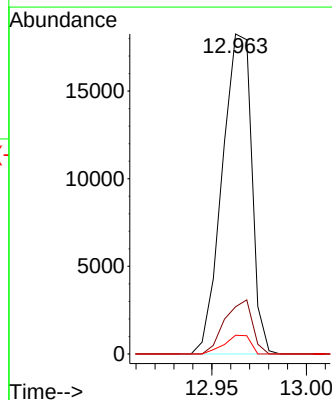
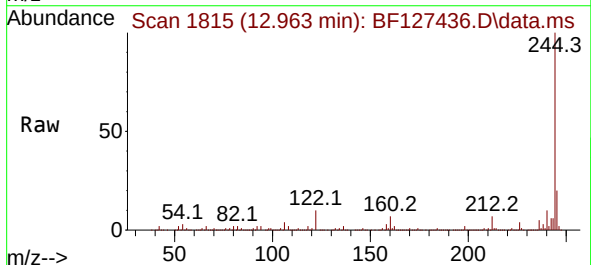
Instrument :
BNA_F
ClientSampleId :
C-10-9-10

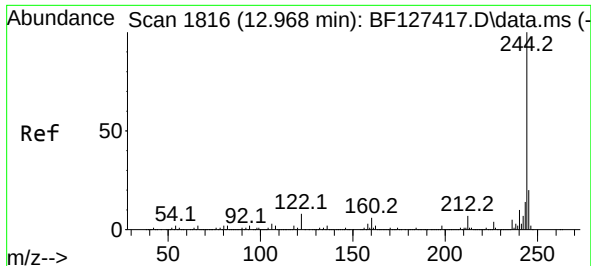
Tgt Ion:240 Resp: 261583
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 26.4 20.7 31.1



#77
Benzidine
Concen: 3.180 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127436.D
Acq: 22 Mar 2022 05:39

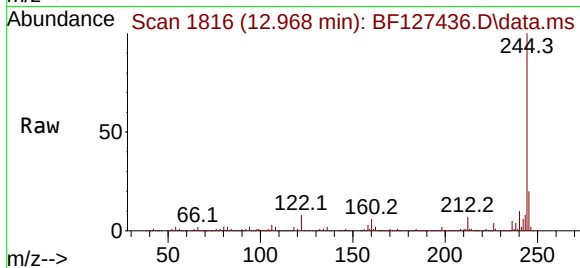
Tgt Ion:184 Resp: 19835
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 5.9 9.4 14.0#



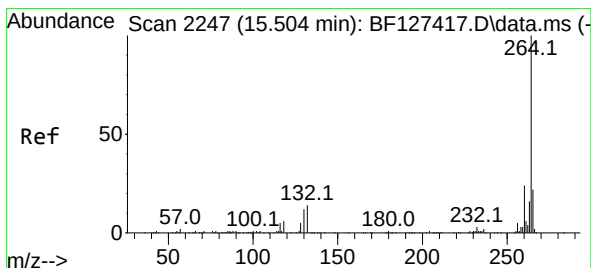
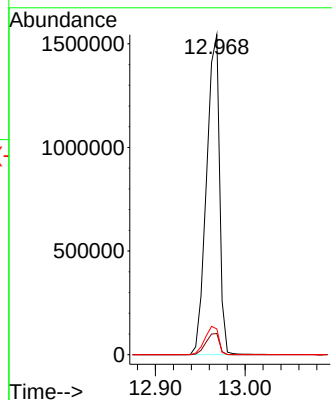
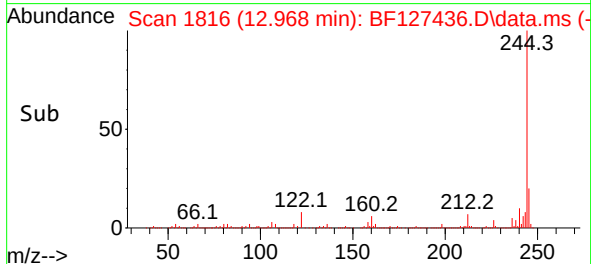


#79
 Terphenyl-d14
 Concen: 97.064 ng
 RT: 12.968 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127436.D
 Acq: 22 Mar 2022 05:39

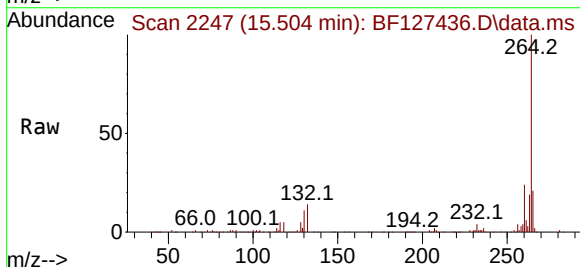
Instrument :
 BNA_F
 ClientSampleId :
 C-10-9-10



Tgt Ion:244 Resp: 1551003
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 8.0 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: BF127436.D
 Acq: 22 Mar 2022 05:39



Tgt Ion:264 Resp: 179226
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 20.9 17.4 26.2

