

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127920.D
 Acq On : 26 Apr 2022 18:46
 Operator : CG\JU
 Sample : N2502-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C5

Quant Time: Apr 27 01:48:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

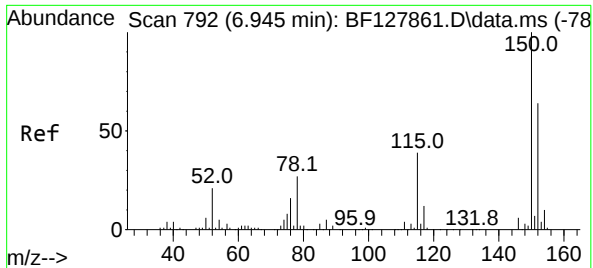
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	145426	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	555819	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	294927	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	432183	20.000	ng	0.00
76) Chrysene-d12	14.133	240	219996	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	224937	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1009637	110.581	ng	0.01
7) Phenol-d6	6.575	99	1361407	114.914	ng	0.00
23) Nitrobenzene-d5	7.510	82	1015866	85.946	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	307293	103.503	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1589480	91.175	ng	0.00
79) Terphenyl-d14	13.069	244	1143325	95.031	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.499	77	18723	2.555	ng	# 1
15) Benzyl Alcohol	7.104	79	17757	2.204	ng	93
18) Hexachloroethane	7.469	117	29738	7.429	ng	# 1
19) n-Nitroso-di-n-propyla...	7.510	70	141562	19.520	ng	# 77
22) Acetophenone	7.328	105	132407	9.774	ng	# 57
25) Isophorone	7.510	82	1015407	51.042	ng	# 68
57) 2,4-Dinitrotoluene	9.981	165	39460	6.956	ng	# 26
67) 4-Bromophenyl-phenylether	10.775	248	19512	4.073	ng	# 1
71) Phenanthrene	11.498	178	66340	2.932	ng	98
72) Anthracene	11.498	178	66340	2.944	ng	99
75) Fluoranthene	12.692	202	99632	4.185	ng	98
78) Pyrene	12.928	202	74189	4.178	ng	95
80) Butylbenzylphthalate	13.539	149	18168	2.610	ng	# 77
83) Chrysene	14.157	228	45044	3.216	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.098	149	227194	24.612	ng	99
88) Benzo(b)fluoranthene	15.204	252	48860	3.458	ng	# 1
89) Benzo(k)fluoranthene	15.204	252	48860	3.433	ng	# 1

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

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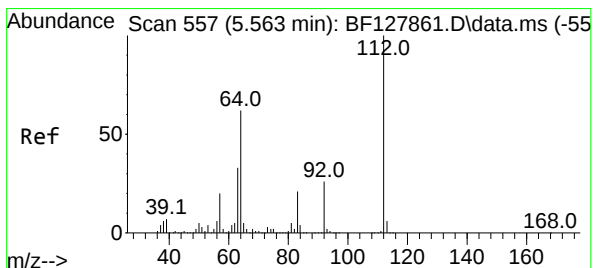
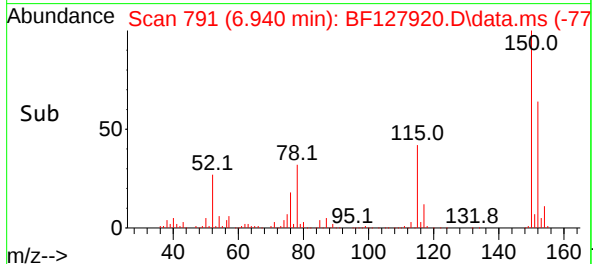
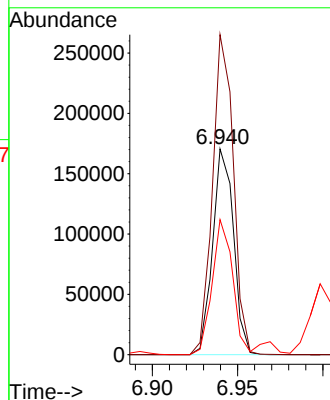
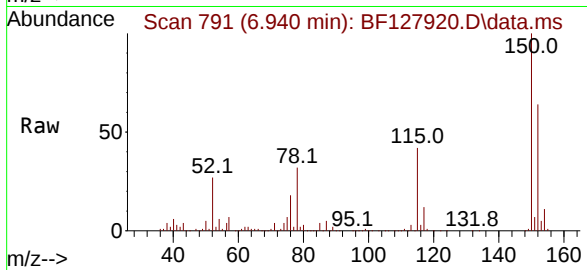




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.940 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: BF127920.D
 Acq: 26 Apr 2022 18:46

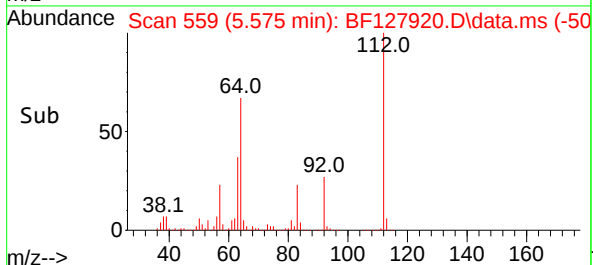
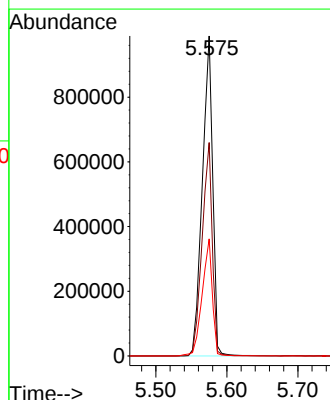
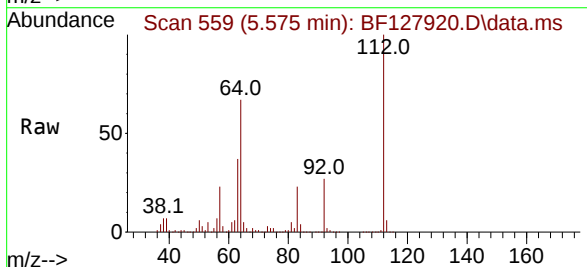
Instrument :
 BNA_F
 ClientSampleId :
 C5

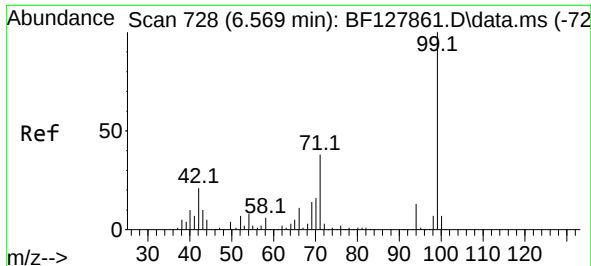
Tgt Ion:152 Resp: 145426
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.3 187.9
 115 65.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 110.581 ng
 RT: 5.575 min Scan# 559
 Delta R.T. 0.012 min
 Lab File: BF127920.D
 Acq: 26 Apr 2022 18:46

Tgt Ion:112 Resp: 1009637
 Ion Ratio Lower Upper
 112 100
 64 66.7 49.5 74.3
 63 36.6 26.3 39.5

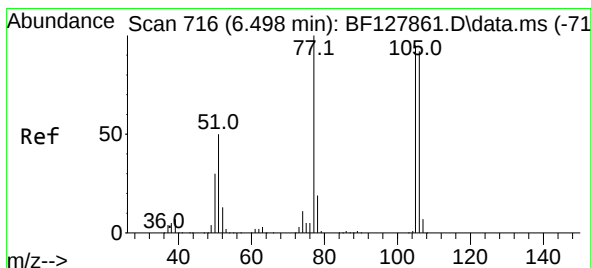
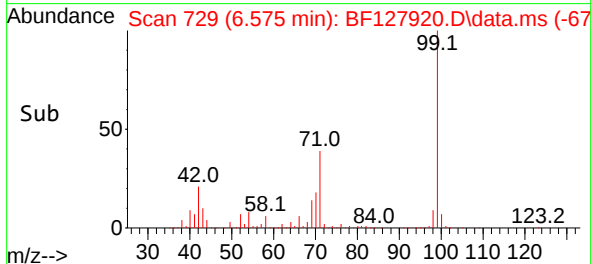
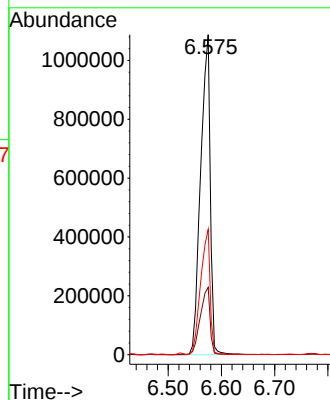
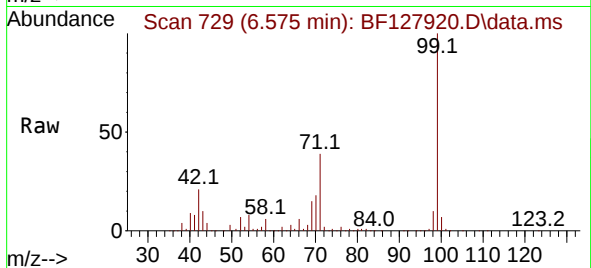




#7
Phenol-d6
Concen: 114.914 ng
RT: 6.575 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

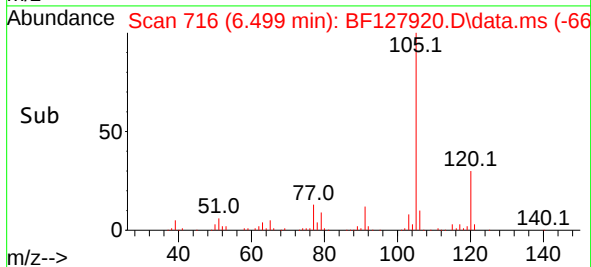
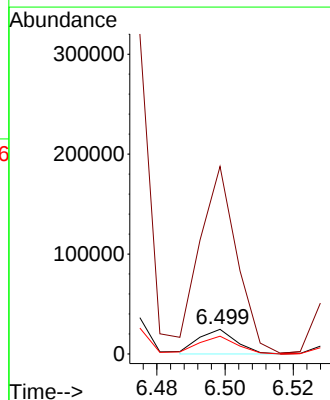
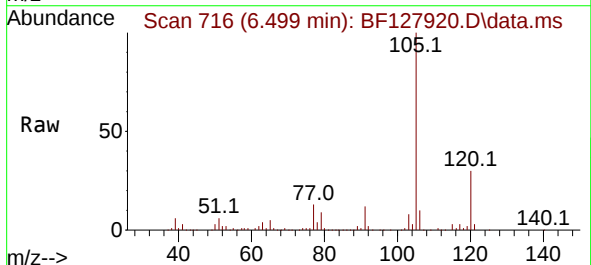
Instrument :
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ClientSampleId :
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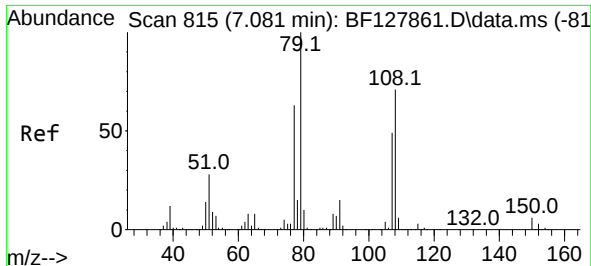
Tgt Ion: 99 Resp: 1361407
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 39.2 30.0 45.0



#9
Benzaldehyde
Concen: 2.555 ng
RT: 6.499 min Scan# 716
Delta R.T. 0.001 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

Tgt Ion: 77 Resp: 18723
Ion Ratio Lower Upper
77 100
105 760.1 74.9 114.9#
106 72.3 72.2 112.2

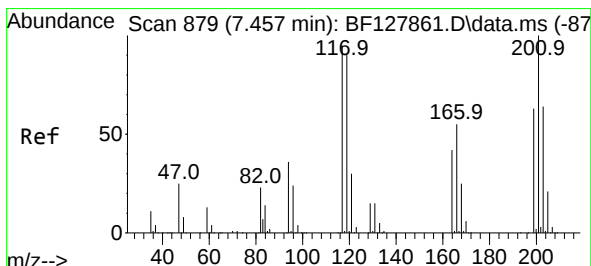
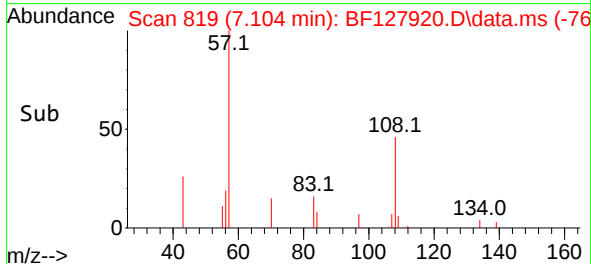
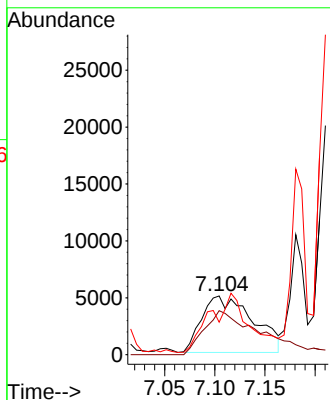
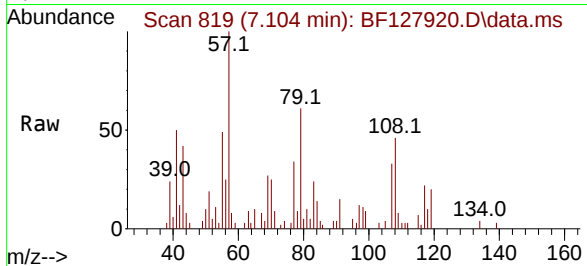




#15
Benzyl Alcohol
Concen: 2.204 ng
RT: 7.104 min Scan# 815
Delta R.T. 0.024 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

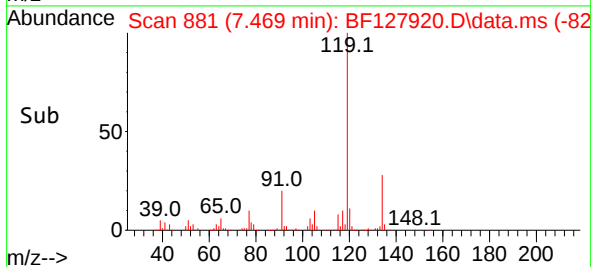
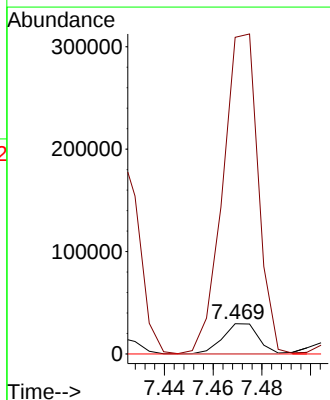
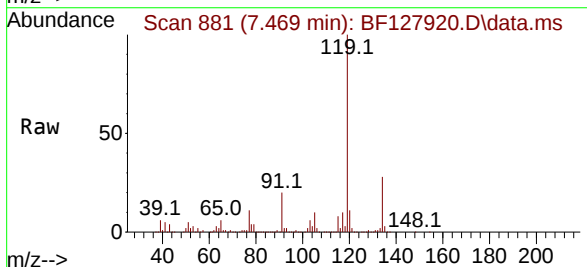
Instrument :
BNA_F
ClientSampleId :
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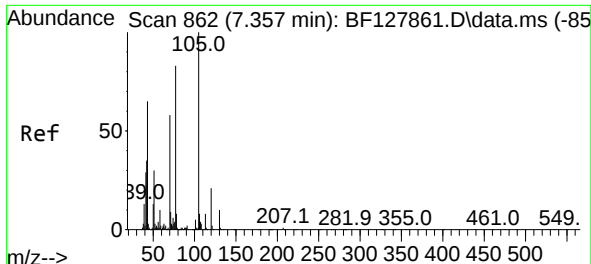
Tgt Ion: 79 Resp: 17757
Ion Ratio Lower Upper
79 100
108 75.0 57.0 85.6
77 55.4 50.2 75.4



#18
Hexachloroethane
Concen: 7.429 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.012 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

Tgt Ion: 117 Resp: 29738
Ion Ratio Lower Upper
117 100
119 1048.9 76.2 114.4#
201 0.0 84.4 126.6#

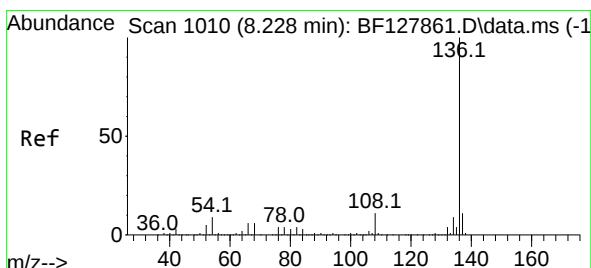
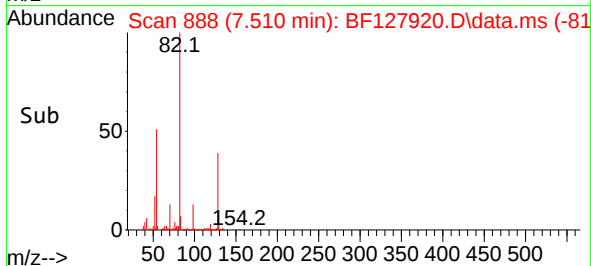
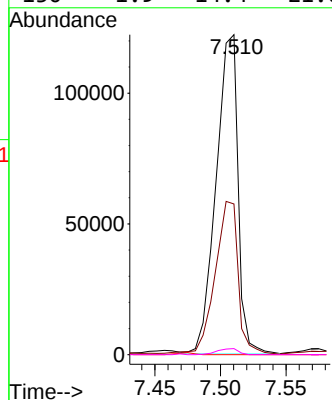
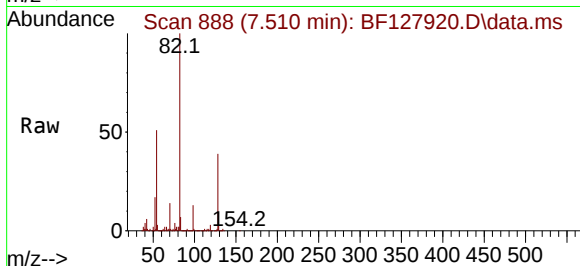




#19
n-Nitroso-di-n-propylamine
Concen: 19.520 ng
RT: 7.510 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

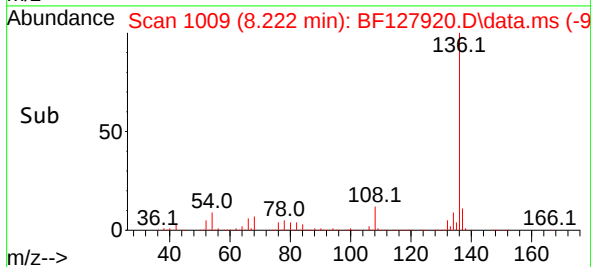
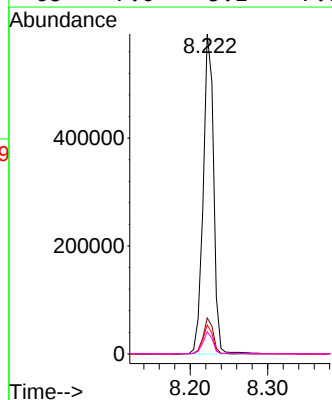
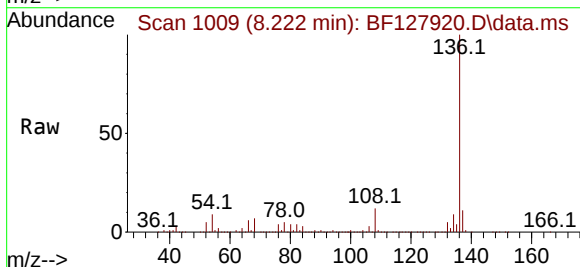
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ClientSampleId :
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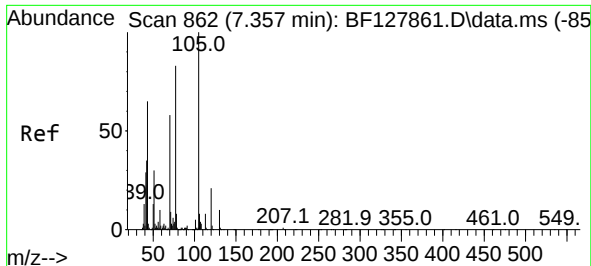
Tgt Ion: 70 Resp: 141562
Ion Ratio Lower Upper
70 100
42 47.1 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

Tgt Ion:136 Resp: 555819
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.0 6.8 10.2
68 7.0 5.1 7.7

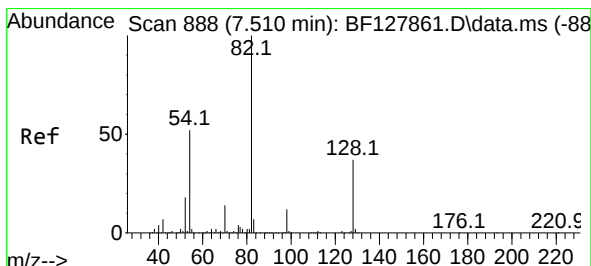
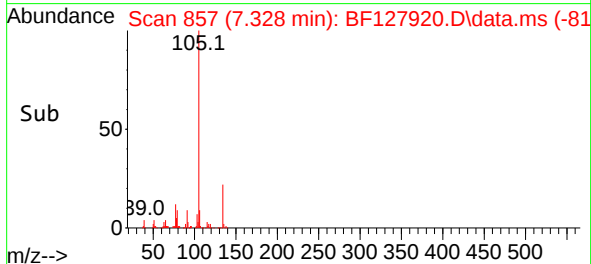
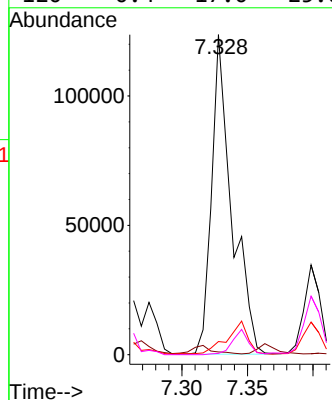
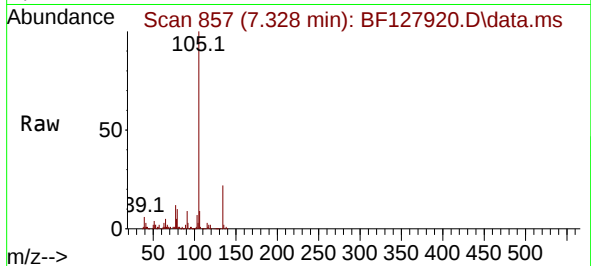




#22
Acetophenone
Concen: 9.774 ng
RT: 7.328 min Scan# 81
Delta R.T. -0.029 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

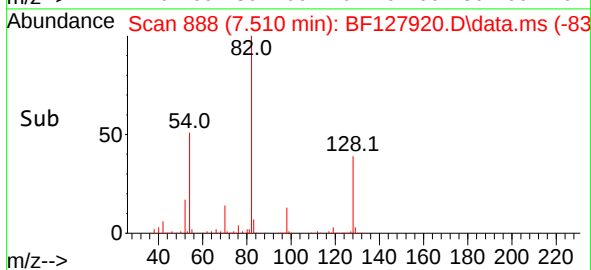
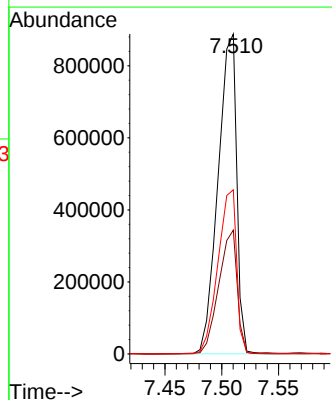
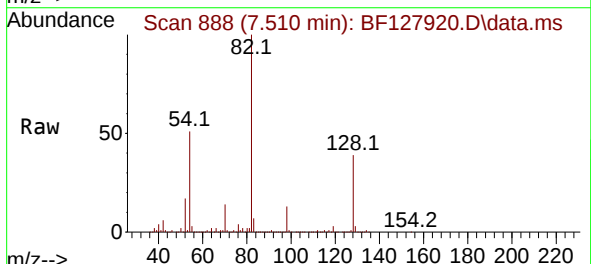
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ClientSampleId :
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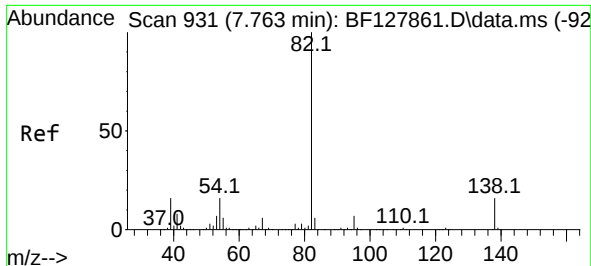
Tgt Ion:105 Resp: 132407
Ion Ratio Lower Upper
105 100
71 0.8 7.3 10.9#
51 4.1 23.7 35.5#
120 0.4 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 85.946 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

Tgt Ion: 82 Resp: 1015866
Ion Ratio Lower Upper
82 100
128 38.7 30.0 45.0
54 51.3 41.3 61.9

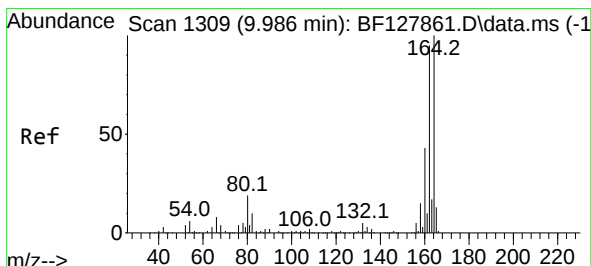
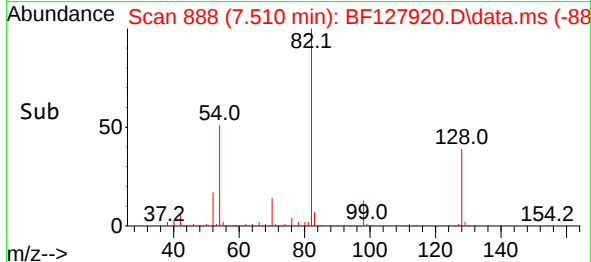
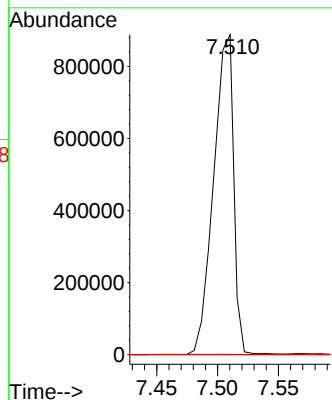
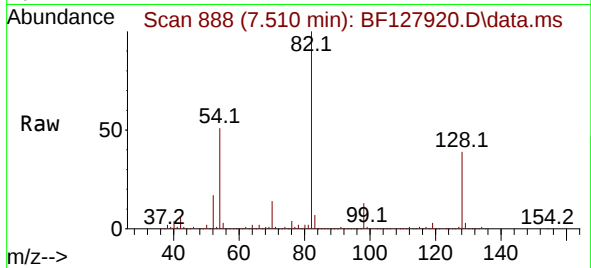




#25
Isophorone
Concen: 51.042 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

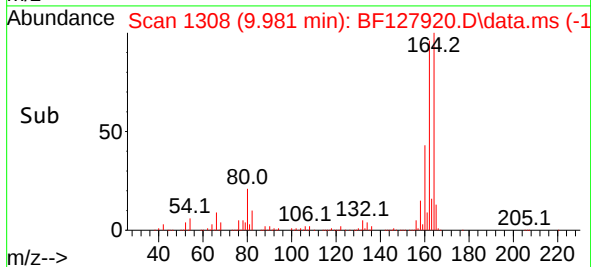
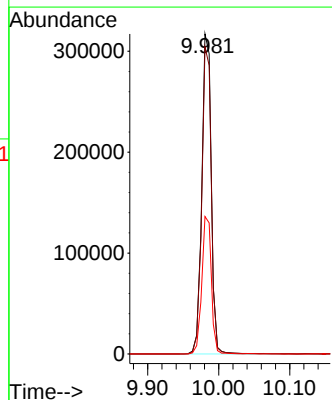
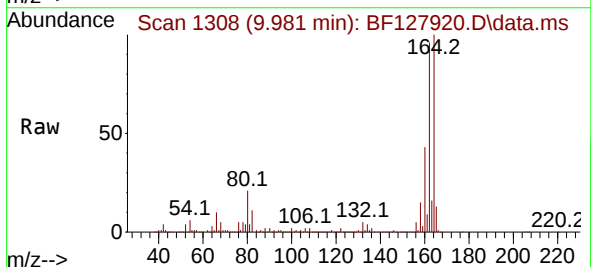
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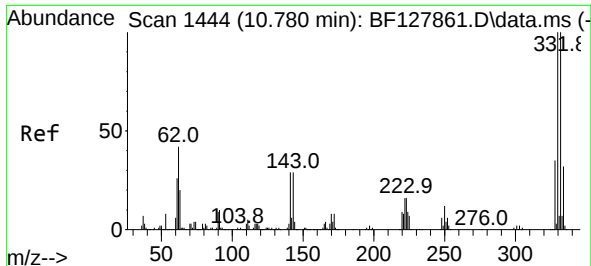
Tgt Ion: 82 Resp: 1015407
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

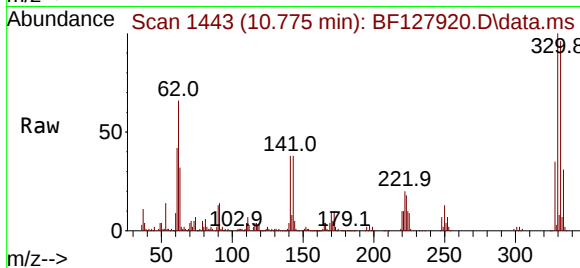
Tgt Ion: 164 Resp: 294927
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.0 34.8 52.2



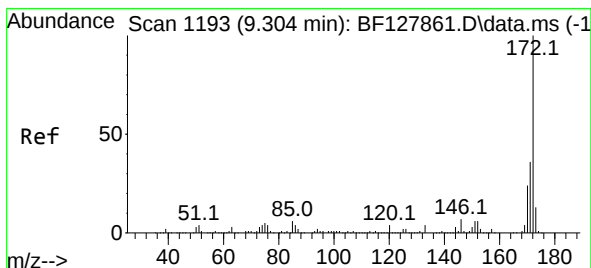
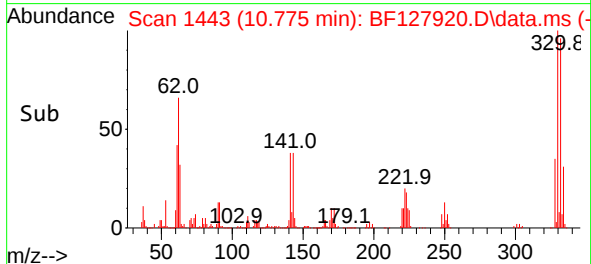
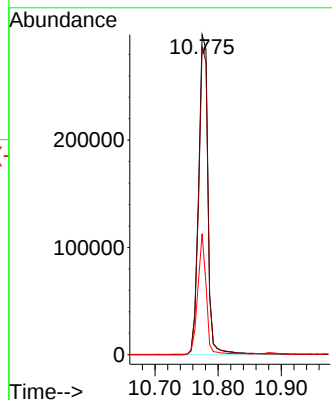


#42
2,4,6-Tribromophenol
Concen: 103.503 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

Instrument :
BNA_F
ClientSampleId :
C5

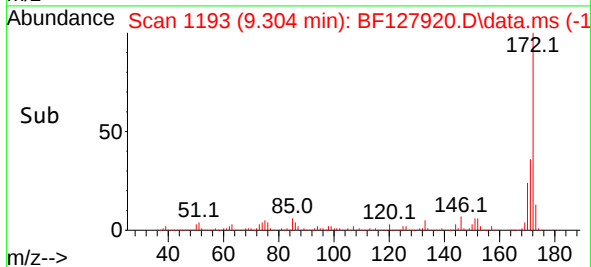
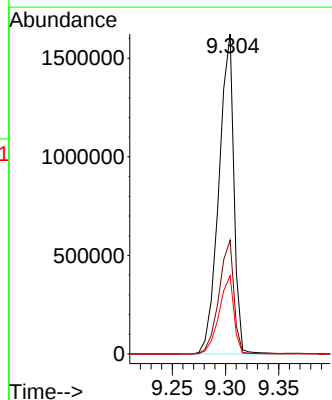
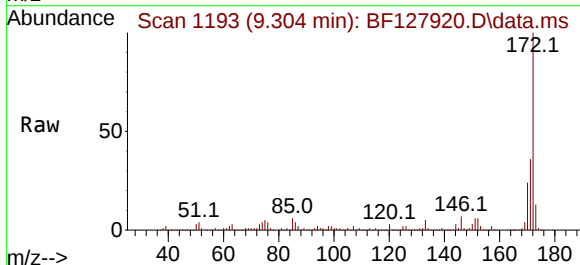


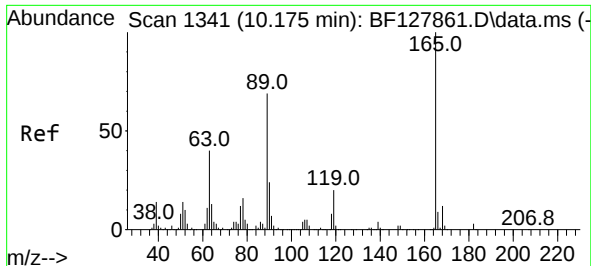
Tgt Ion:330 Resp: 307293
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 33.7 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 91.175 ng
RT: 9.304 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

Tgt Ion:172 Resp: 1589480
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.4 19.1 28.7

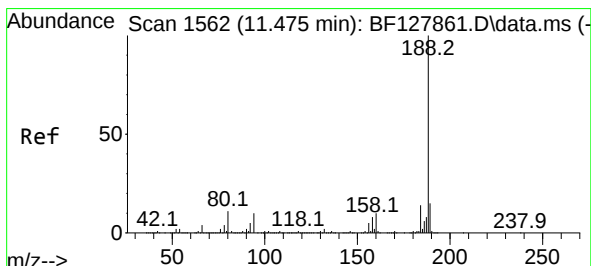
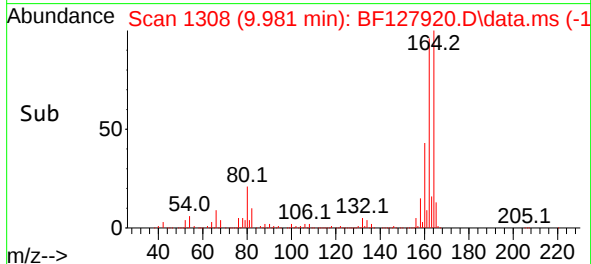
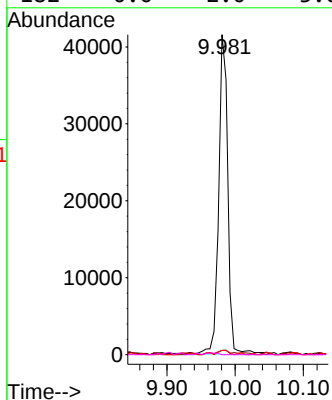
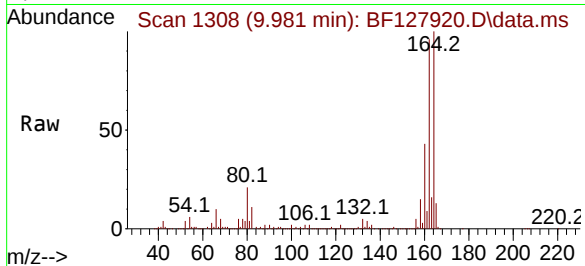




#57
2,4-Dinitrotoluene
Concen: 6.956 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

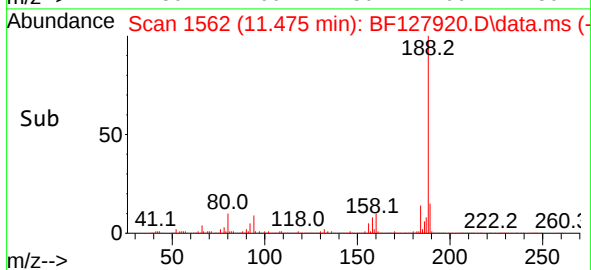
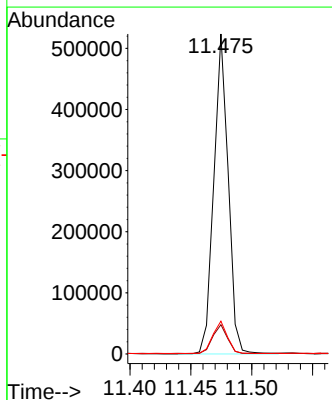
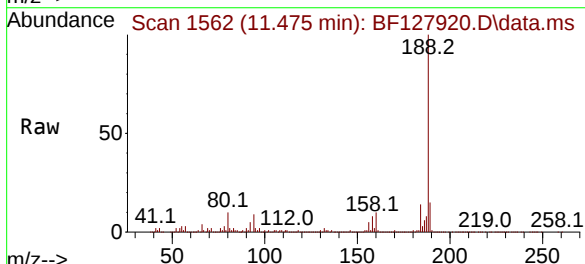
Instrument :
BNA_F
ClientSampleId :
C5

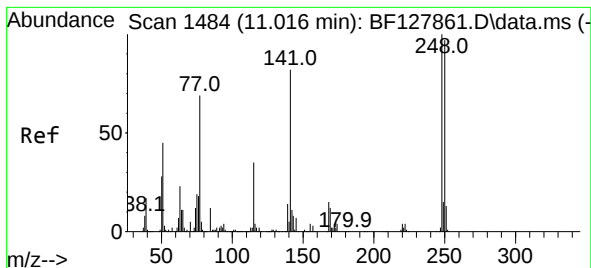
Tgt Ion:165 Resp: 39460
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

Tgt Ion:188 Resp: 432183
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.3 8.9 13.3

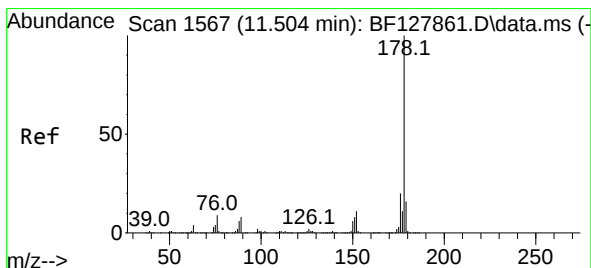
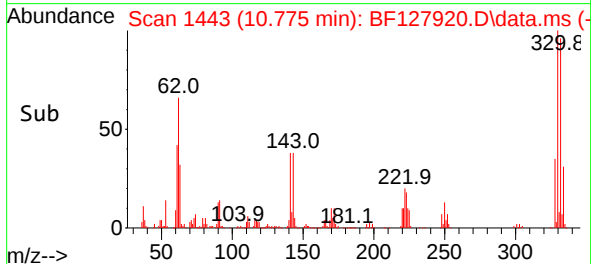
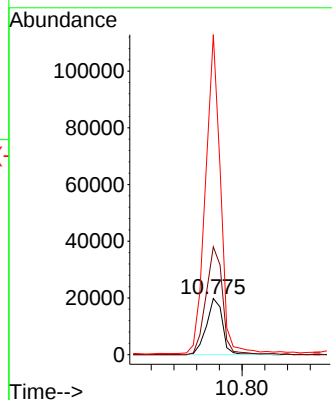
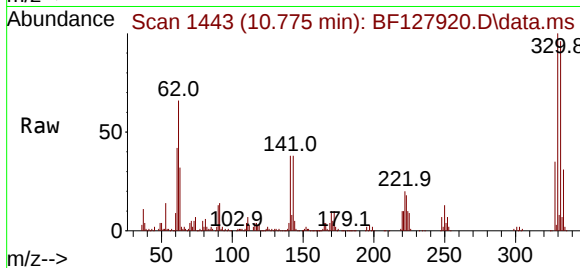




#67
4-Bromophenyl-phenylether
Concen: 4.073 ng
RT: 10.775 min Scan# 1484
Delta R.T. -0.241 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

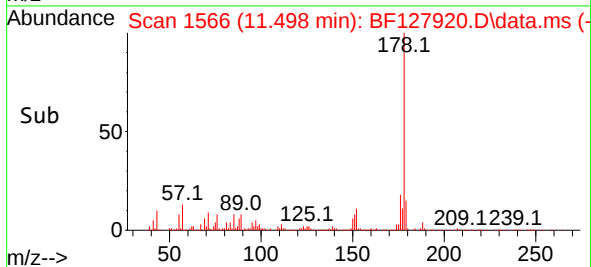
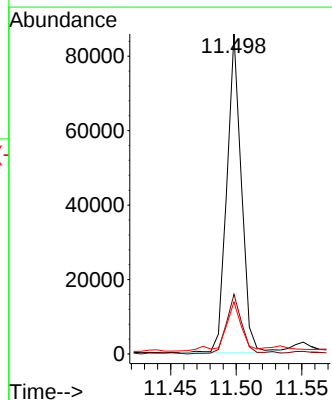
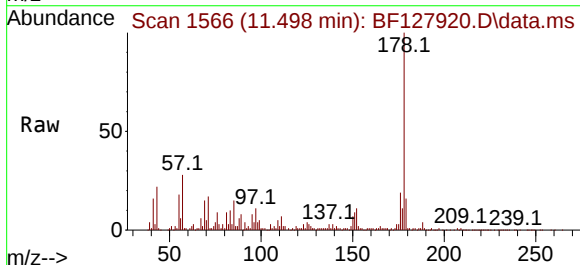
Instrument :
BNA_F
ClientSampleId :
C5

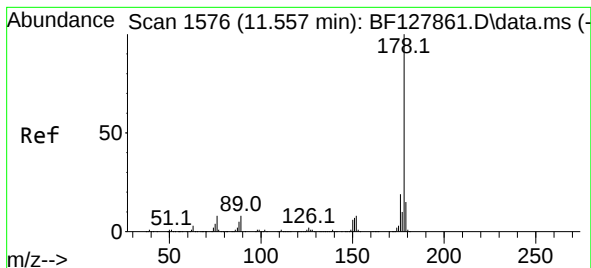
Tgt Ion:248 Resp: 19512
Ion Ratio Lower Upper
248 100
250 192.4 77.7 116.5#
141 570.4 65.6 98.4#



#71
Phenanthrene
Concen: 2.932 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127920.D
Acq: 26 Apr 2022 18:46

Tgt Ion:178 Resp: 66340
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 16.2 12.6 19.0





#72

Anthracene

Concen: 2.944 ng

RT: 11.498 min Scan# 1566

Delta R.T. -0.059 min

Lab File: BF127920.D

Acq: 26 Apr 2022 18:46

Instrument :

BNA_F

ClientSampleId :

C5

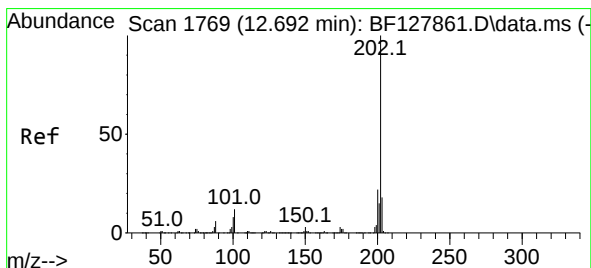
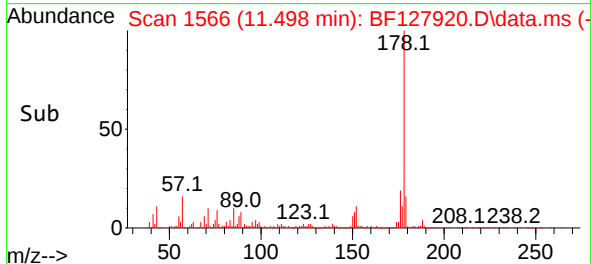
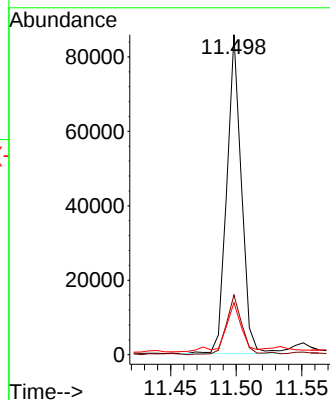
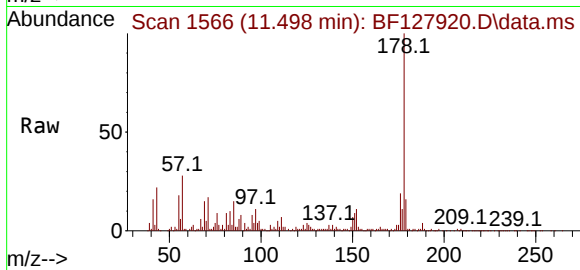
Tgt Ion:178 Resp: 66340

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 16.2 12.4 18.6



#75

Fluoranthene

Concen: 4.185 ng

RT: 12.692 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BF127920.D

Acq: 26 Apr 2022 18:46

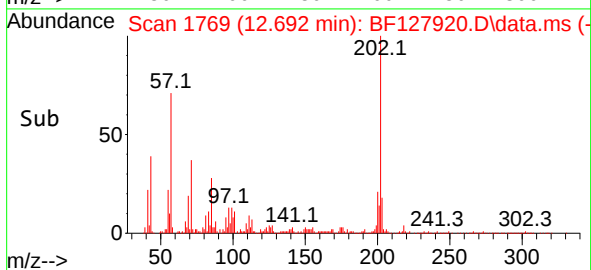
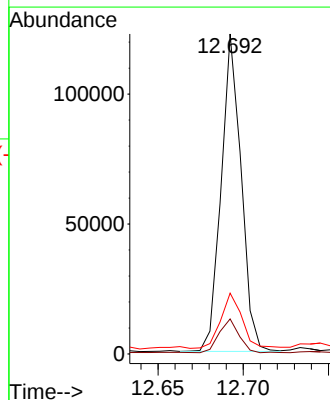
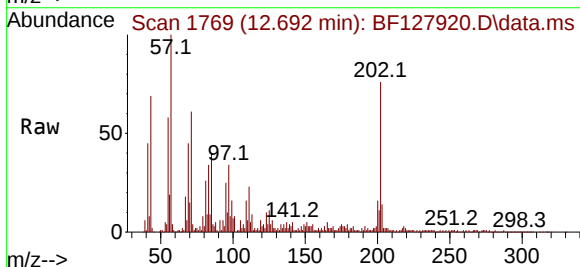
Tgt Ion:202 Resp: 99632

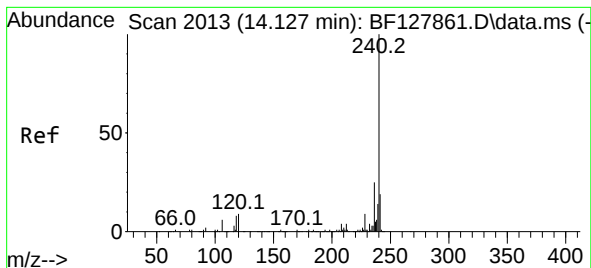
Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.6

203 19.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF127920.D

Acq: 26 Apr 2022 18:46

Instrument :

BNA_F

ClientSampleId :

C5

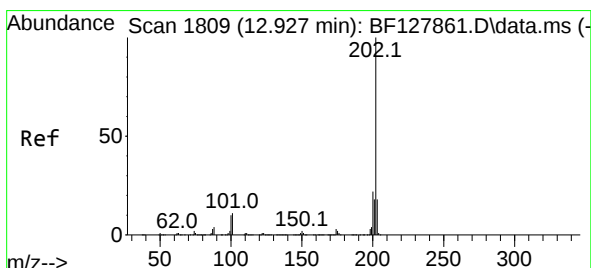
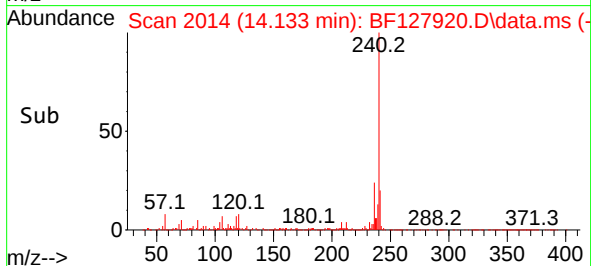
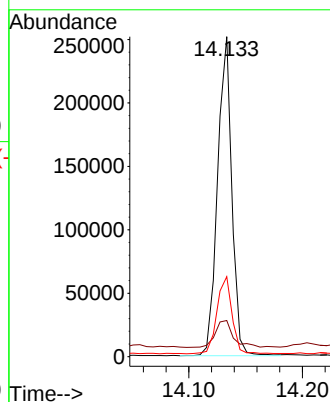
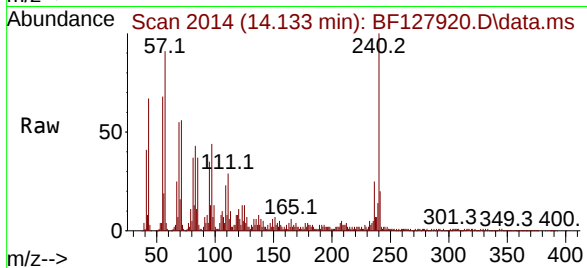
Tgt Ion:240 Resp: 219996

Ion Ratio Lower Upper

240 100

120 11.3 7.0 10.6#

236 25.0 20.3 30.5



#78

Pyrene

Concen: 4.178 ng

RT: 12.928 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF127920.D

Acq: 26 Apr 2022 18:46

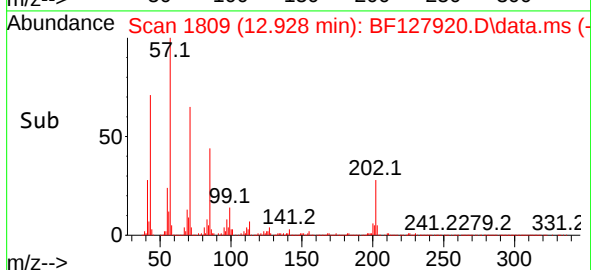
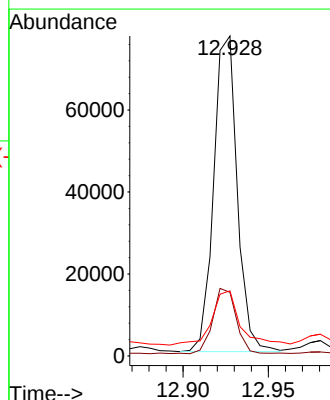
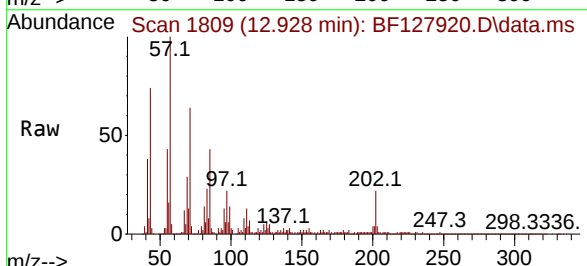
Tgt Ion:202 Resp: 74189

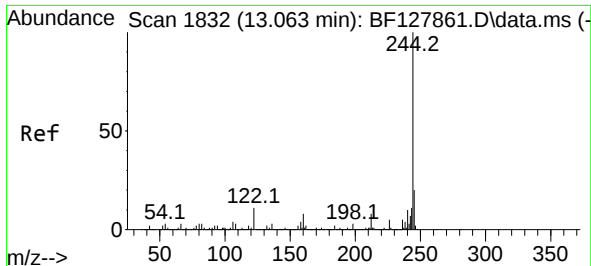
Ion Ratio Lower Upper

202 100

200 19.9 17.4 26.2

203 20.3 14.0 21.0

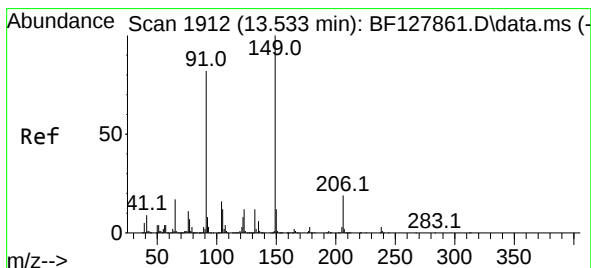
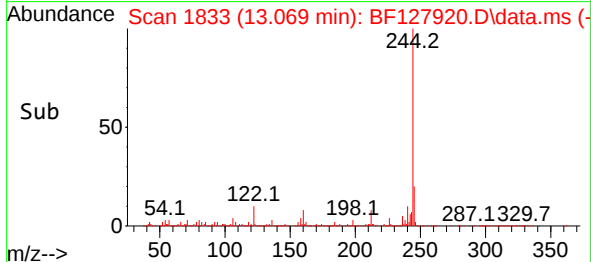
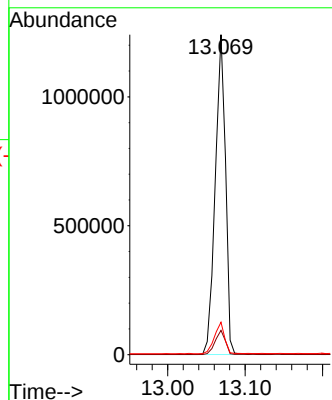
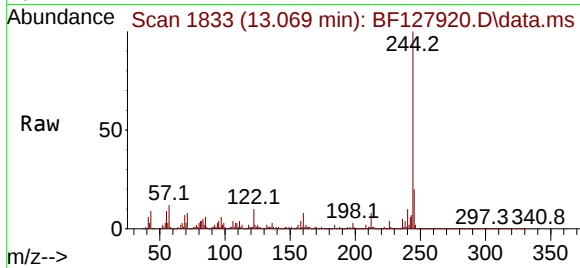




#79
 Terphenyl-d14
 Concen: 95.031 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127920.D
 Acq: 26 Apr 2022 18:46

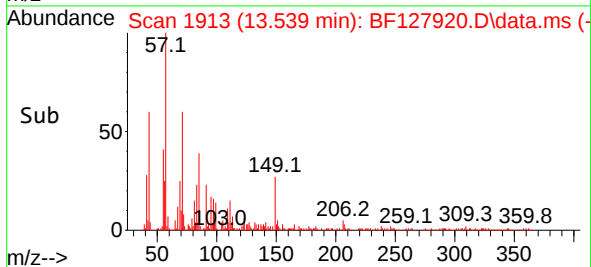
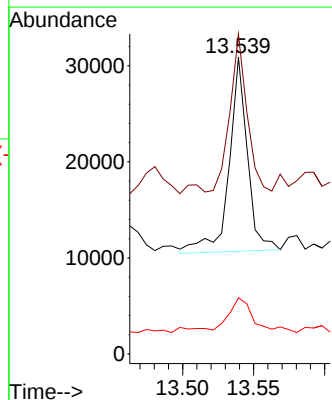
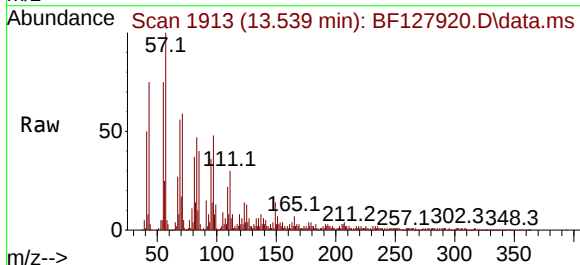
Instrument :
 BNA_F
 ClientSampleId :
 C5

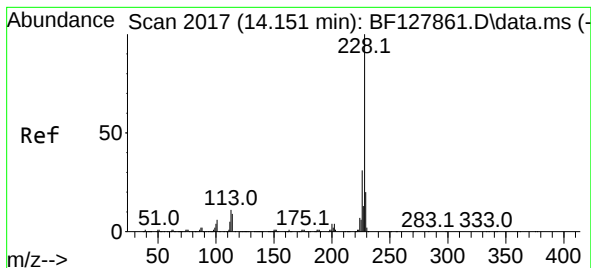
Tgt Ion:244 Resp: 1143325
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.1 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 2.610 ng
 RT: 13.539 min Scan# 1913
 Delta R.T. 0.006 min
 Lab File: BF127920.D
 Acq: 26 Apr 2022 18:46

Tgt Ion:149 Resp: 18168
 Ion Ratio Lower Upper
 149 100
 91 107.8 65.8 98.6#
 206 18.9 15.4 23.2





#83

Chrysene

Concen: 3.216 ng

RT: 14.157 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF127920.D

Acq: 26 Apr 2022 18:46

Instrument :

BNA_F

ClientSampleId :

C5

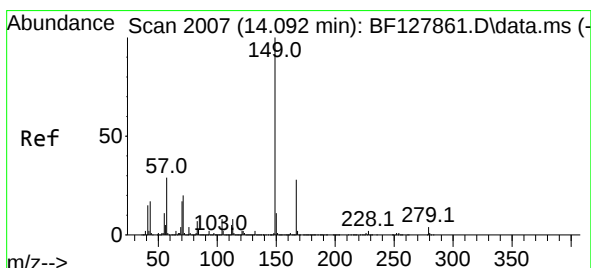
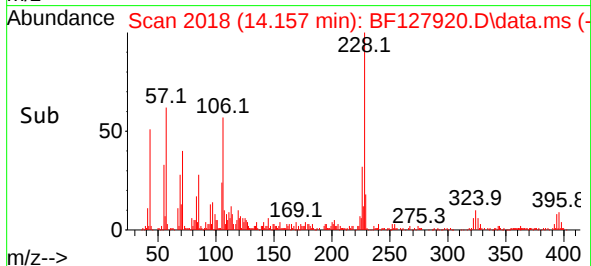
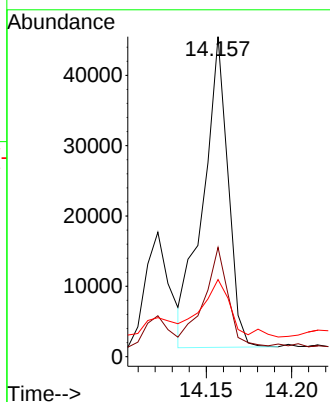
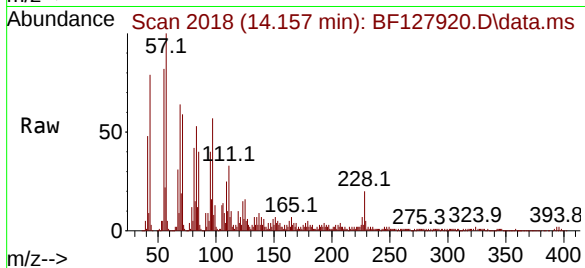
Tgt Ion:228 Resp: 45044

Ion Ratio Lower Upper

228 100

226 34.2 24.4 36.6

229 24.1 15.8 23.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.612 ng

RT: 14.098 min Scan# 2008

Delta R.T. 0.006 min

Lab File: BF127920.D

Acq: 26 Apr 2022 18:46

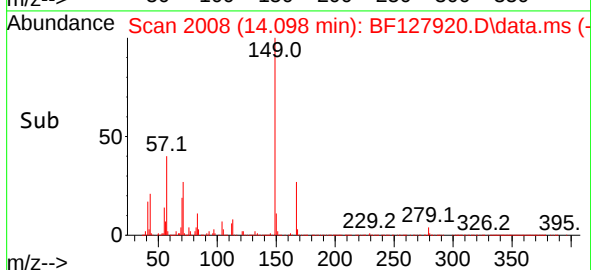
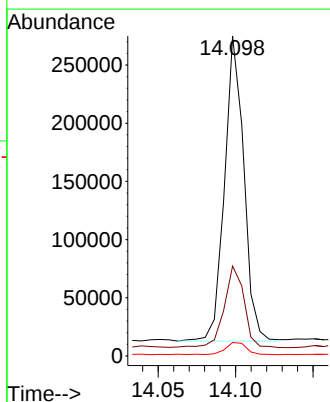
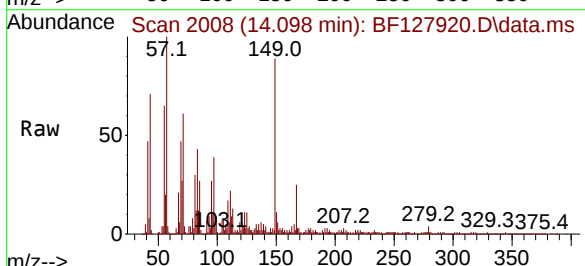
Tgt Ion:149 Resp: 227194

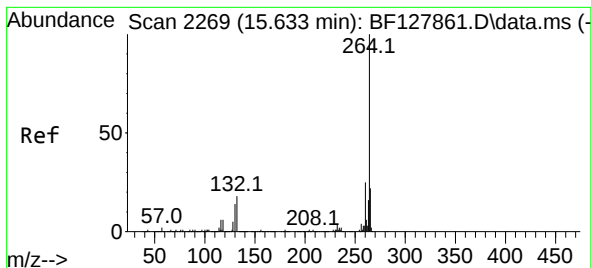
Ion Ratio Lower Upper

149 100

167 28.1 22.0 33.0

279 4.2 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.663 min Scan# 2196

Delta R.T. 0.030 min

Lab File: BF127920.D

Acq: 26 Apr 2022 18:46

Instrument :

BNA_F

ClientSampleId :

C5

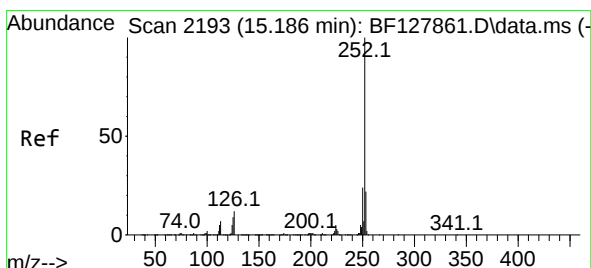
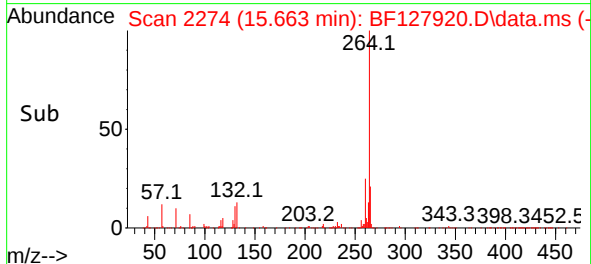
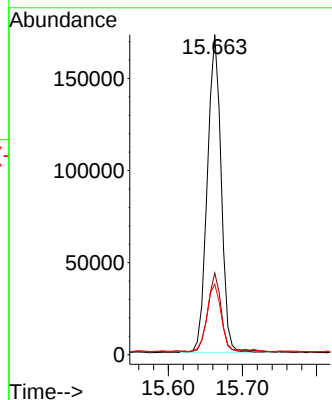
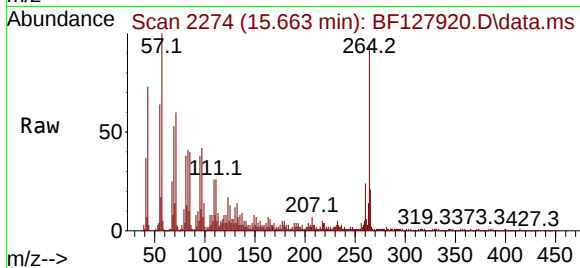
Tgt Ion:264 Resp: 224937

Ion Ratio Lower Upper

264 100

260 25.5 20.1 30.1

265 22.0 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 3.458 ng

RT: 15.204 min Scan# 2196

Delta R.T. 0.018 min

Lab File: BF127920.D

Acq: 26 Apr 2022 18:46

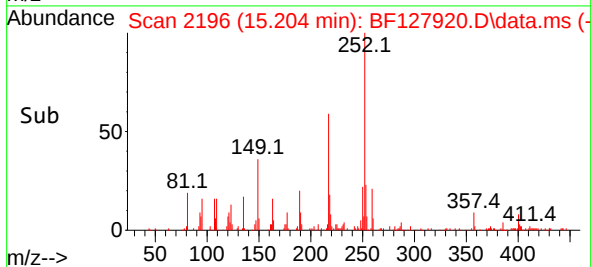
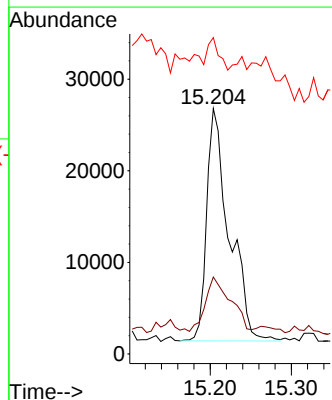
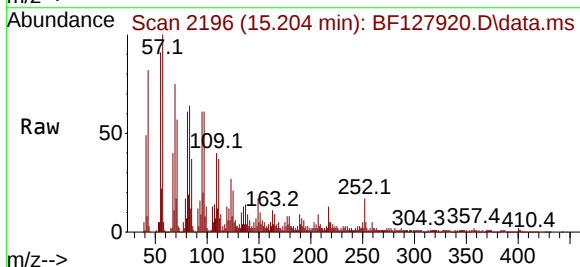
Tgt Ion:252 Resp: 48860

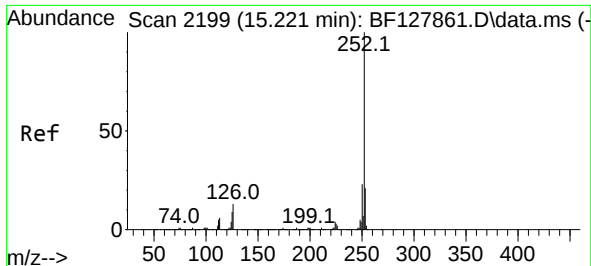
Ion Ratio Lower Upper

252 100

253 31.4 17.4 26.2#

125 128.9 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 3.433 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF127920.D

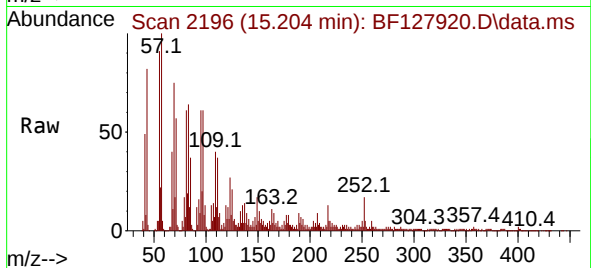
Acq: 26 Apr 2022 18:46

Instrument :

BNA_F

ClientSampleId :

C5



Tgt Ion:252 Resp: 48860

Ion Ratio Lower Upper

252 100

253 31.4 17.0 25.4#

125 128.9 6.8 10.2#

