

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128977.D
 Acq On : 24 Jun 2022 03:22
 Operator : CG\JU
 Sample : N3427-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062122

Quant Time: Jun 24 04:41:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

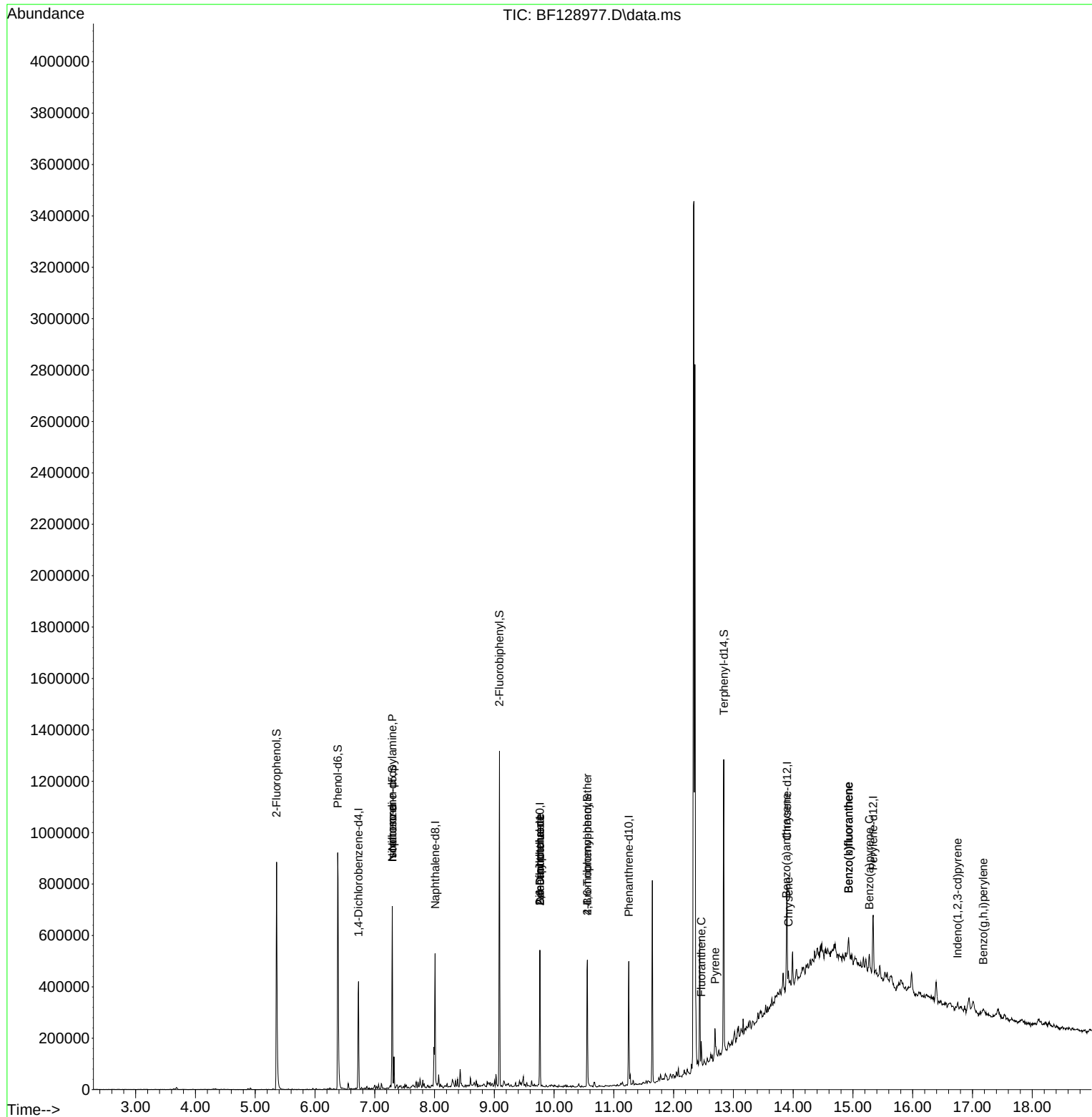
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	55498	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	189147	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	91513	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	164108	20.000	ng	0.00
76) Chrysene-d12	13.898	240	132538	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	93165	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	226066	64.883	ng	0.00
7) Phenol-d6	6.381	99	280141	65.867	ng	0.00
23) Nitrobenzene-d5	7.292	82	186154	45.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	58190	53.816	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	328983	50.358	ng	0.00
79) Terphenyl-d14	12.839	244	364577	47.798	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	25983	9.826	ng	# 75
25) Isophorone	7.292	82	183714	29.775	ng	# 65
50) Dimethylphthalate	9.763	163	16692	2.665	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	11924	9.645	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	11924	7.227	ng	# 22
67) 4-Bromophenyl-phenylether	10.557	248	3902	2.132	ng	# 1
75) Fluoranthene	12.463	202	35933	4.176	ng	96
78) Pyrene	12.692	202	43950	4.457	ng	100
81) Benzo(a)anthracene	13.886	228	27053	3.275	ng	# 89
83) Chrysene	13.921	228	30012	3.810	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.751	276	13778	2.454	ng	# 88
88) Benzo(b)fluoranthene	14.927	252	39944	6.710	ng	# 62
89) Benzo(k)fluoranthene	14.927	252	39944	7.133	ng	# 63
90) Benzo(a)pyrene	15.274	252	22132	4.730	ng	# 77
92) Benzo(g,h,i)perylene	17.180	276	15260	3.306	ng	# 86

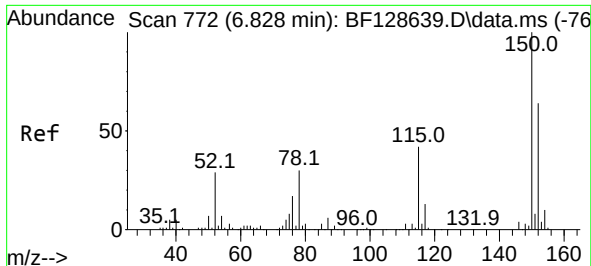
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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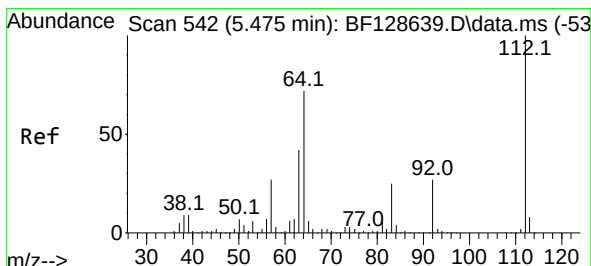
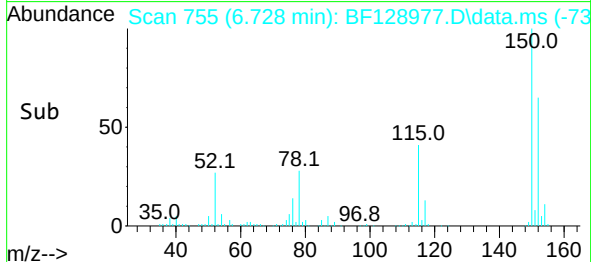
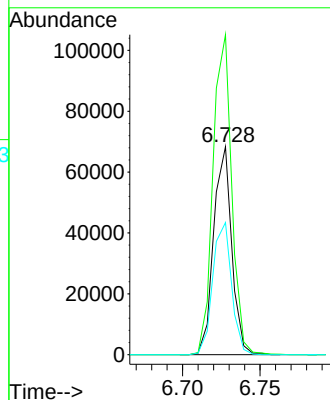
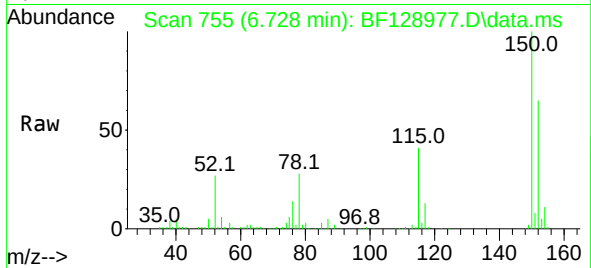




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128977.D
 Acq: 24 Jun 2022 03:22

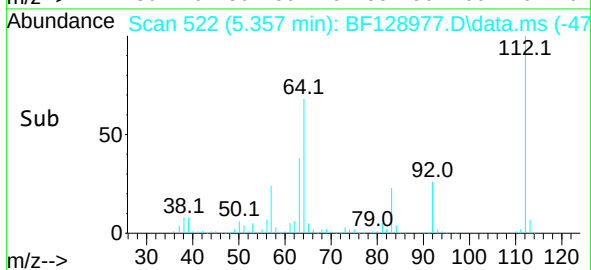
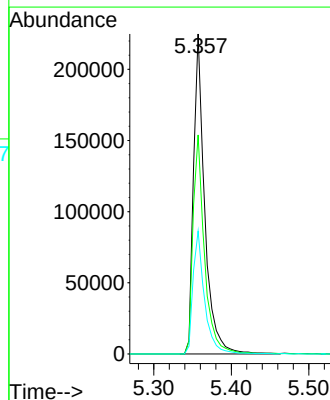
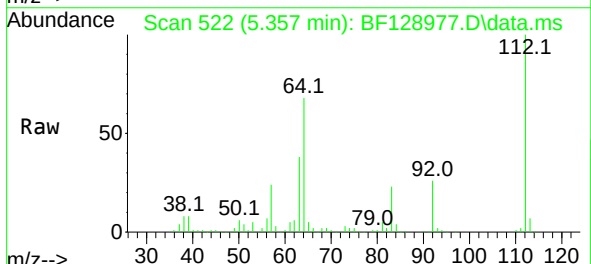
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062122

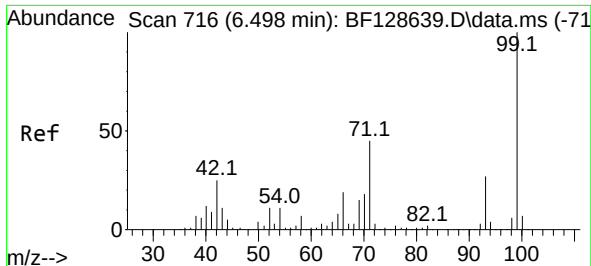
Tgt Ion:152 Resp: 55498
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.7 185.5
 115 63.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 64.883 ng
 RT: 5.357 min Scan# 522
 Delta R.T. -0.000 min
 Lab File: BF128977.D
 Acq: 24 Jun 2022 03:22

Tgt Ion:112 Resp: 226066
 Ion Ratio Lower Upper
 112 100
 64 68.5 53.3 79.9
 63 38.4 28.0 42.0

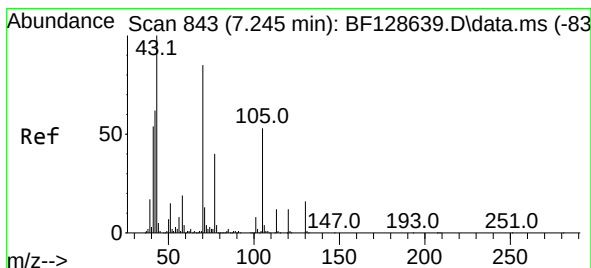
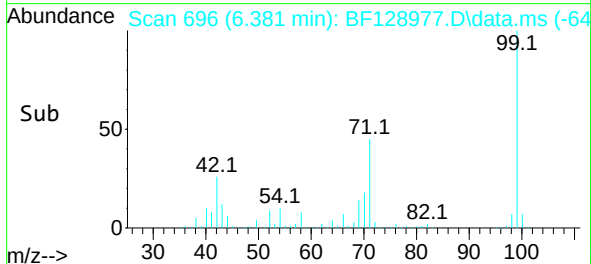
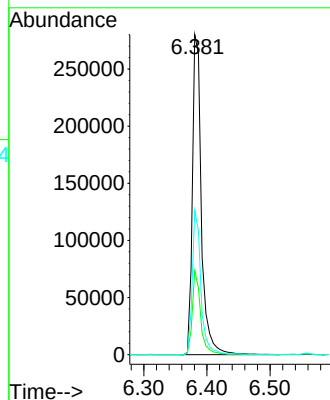
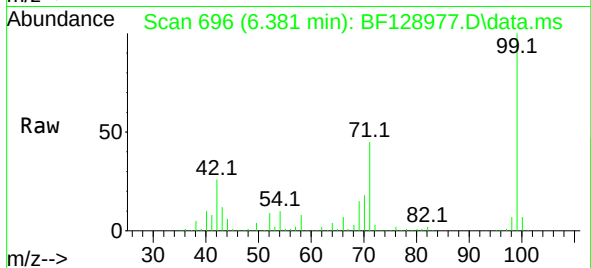




#7
Phenol-d6
Concen: 65.867 ng
RT: 6.381 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

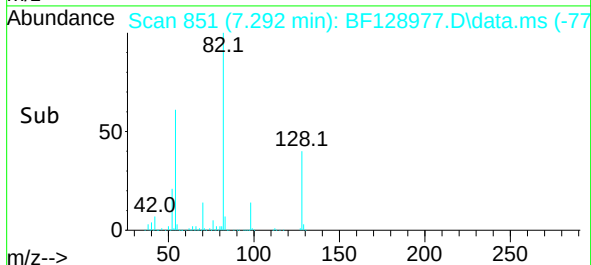
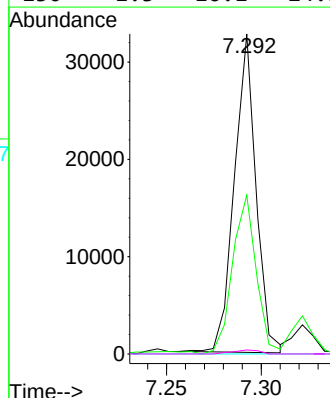
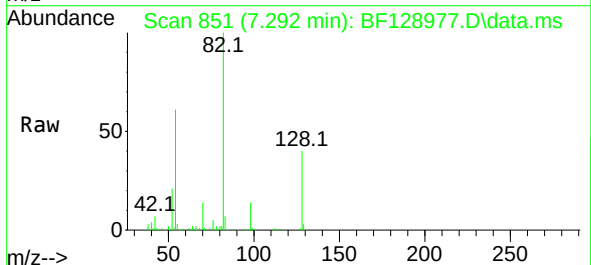
Instrument :
BNA_F
ClientSampleId :
TR-04-062122

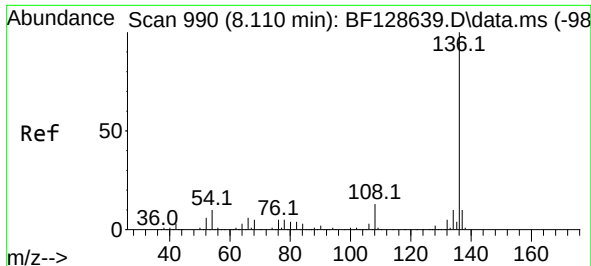
Tgt Ion: 99 Resp: 280141
Ion Ratio Lower Upper
99 100
42 26.2 17.3 25.9#
71 45.0 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 9.826 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion: 70 Resp: 25983
Ion Ratio Lower Upper
70 100
42 49.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.3 16.1 24.1#



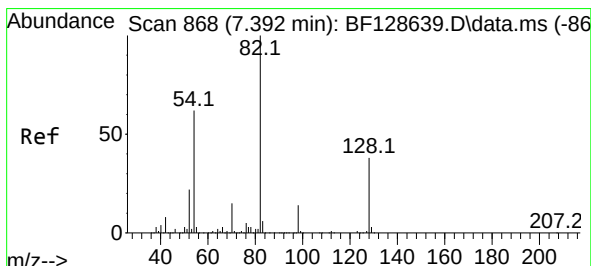
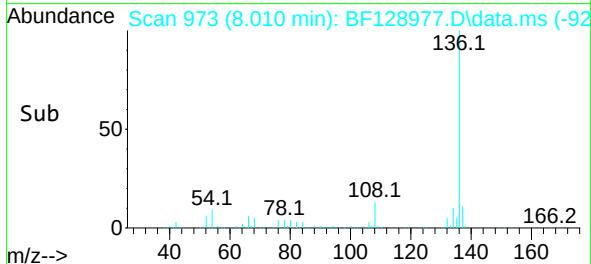
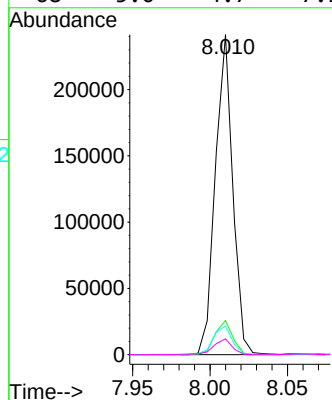
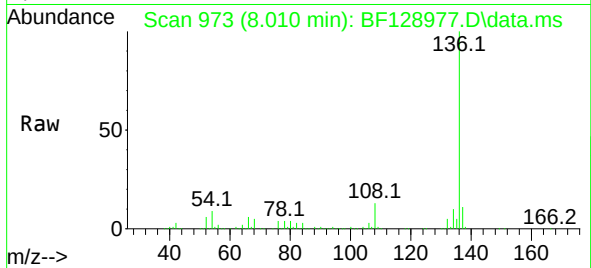


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Instrument :
BNA_F
ClientSampleId :
TR-04-062122

Tgt Ion:136 Resp: 189147

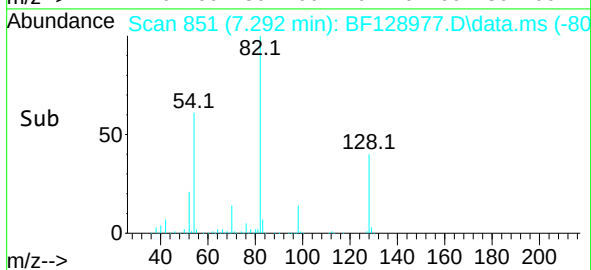
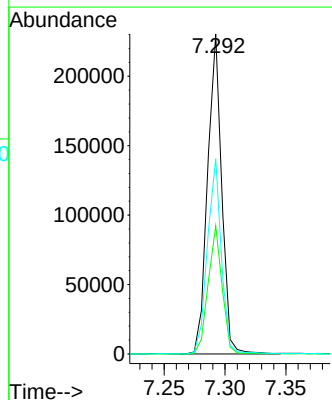
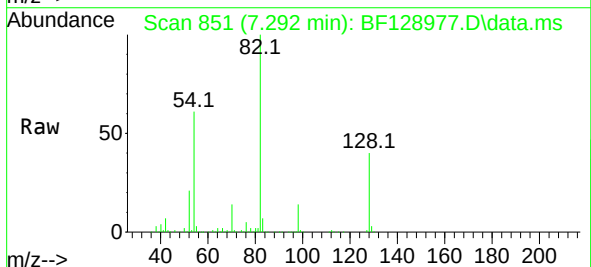
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.0	7.5	11.3
68	5.0	4.7	7.1

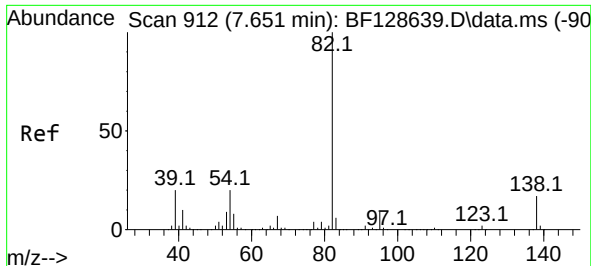


#23
Nitrobenzene-d5
Concen: 45.822 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion: 82 Resp: 186154

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	61.0	46.9	70.3

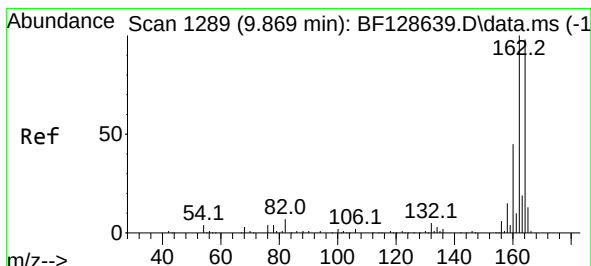
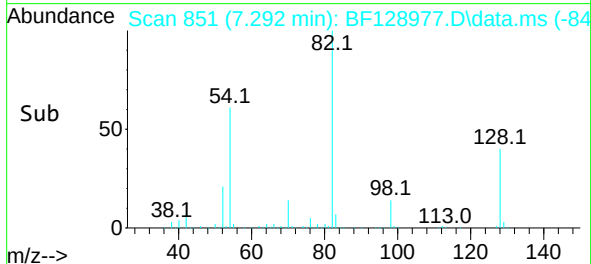
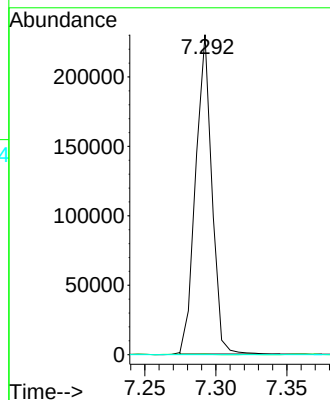
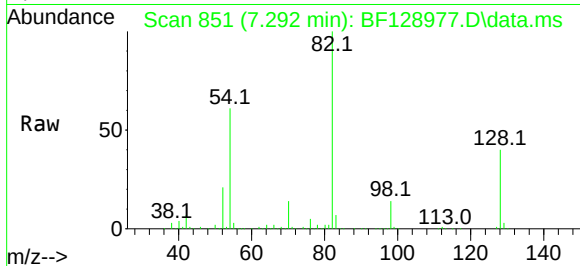




#25
Isophorone
Concen: 29.775 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

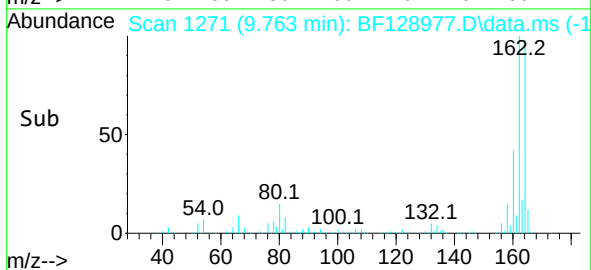
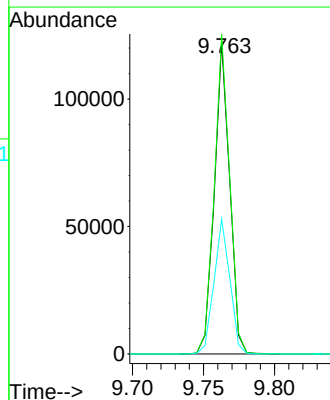
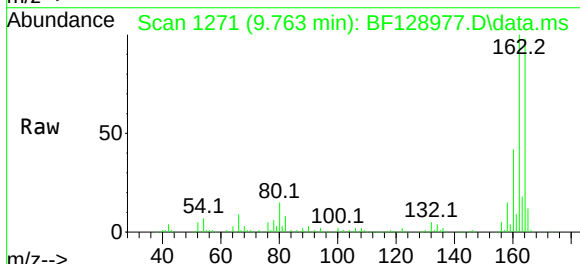
Instrument :
BNA_F
ClientSampleId :
TR-04-062122

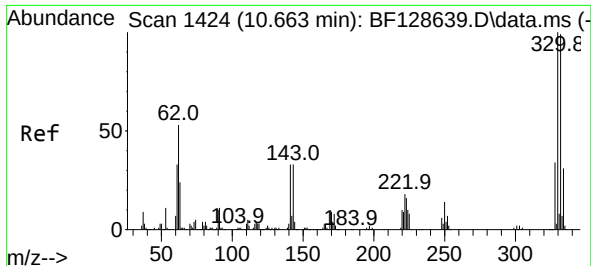
Tgt Ion: 82 Resp: 183714
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion:164 Resp: 91513
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 43.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 53.816 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128977.D

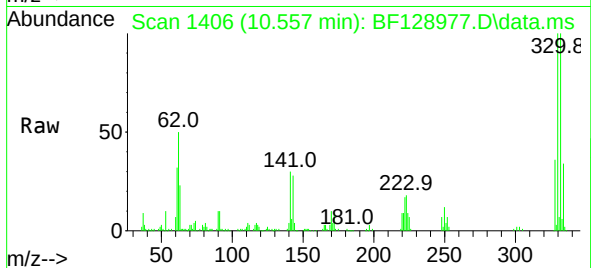
Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

ClientSampleId :

TR-04-062122



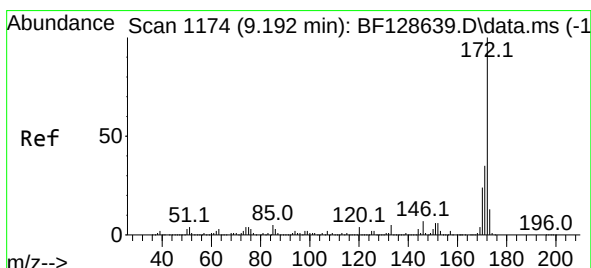
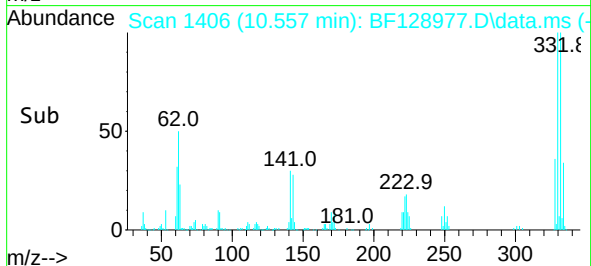
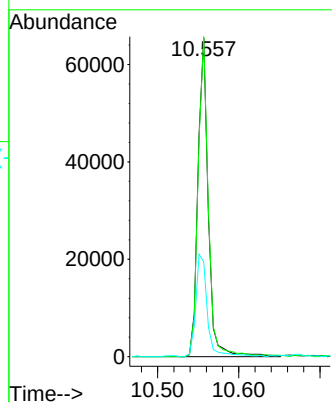
Tgt Ion:330 Resp: 58190

Ion Ratio Lower Upper

330 100

332 99.3 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 50.358 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128977.D

Acq: 24 Jun 2022 03:22

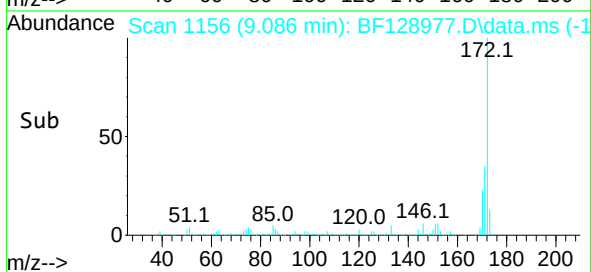
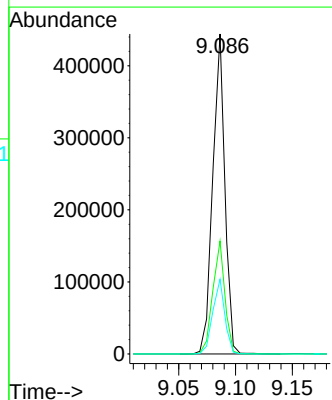
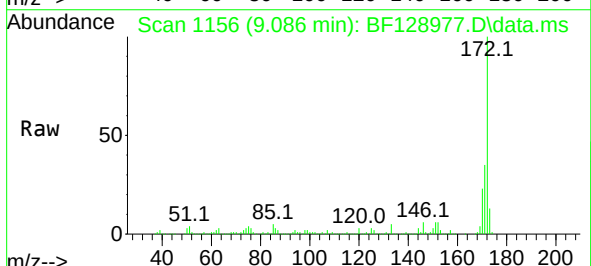
Tgt Ion:172 Resp: 328983

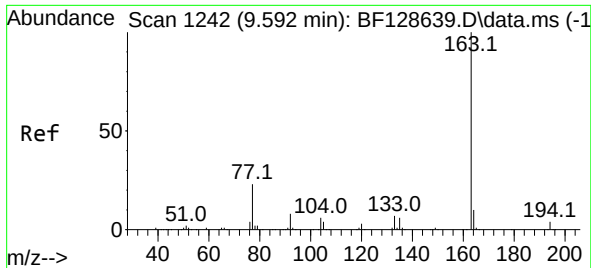
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.8 29.8

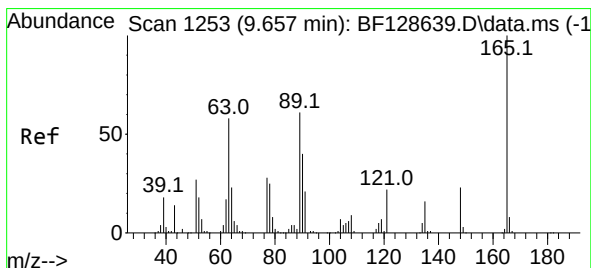
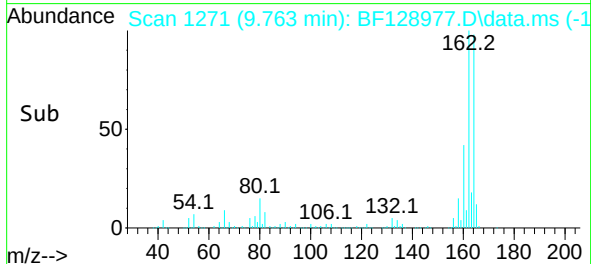
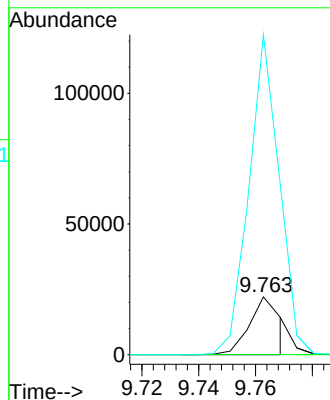
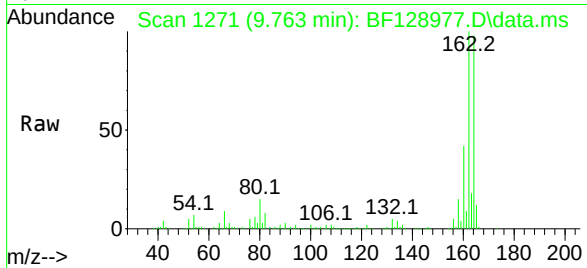




#50
Dimethylphthalate
Concen: 2.665 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

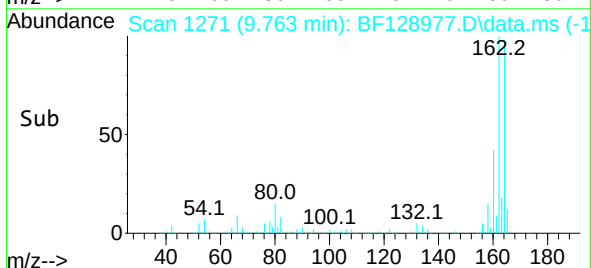
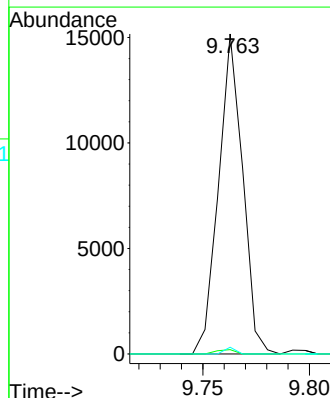
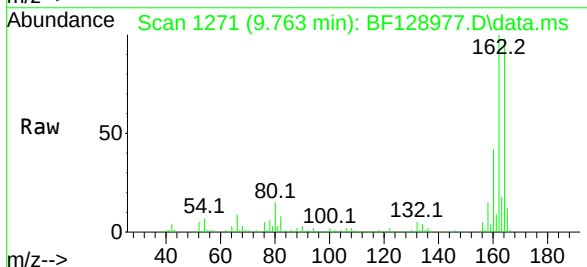
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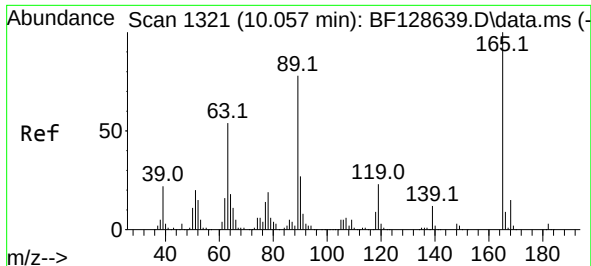
Tgt Ion:163 Resp: 16692
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 553.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.645 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion:165 Resp: 11924
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 2.1 43.6 65.4#

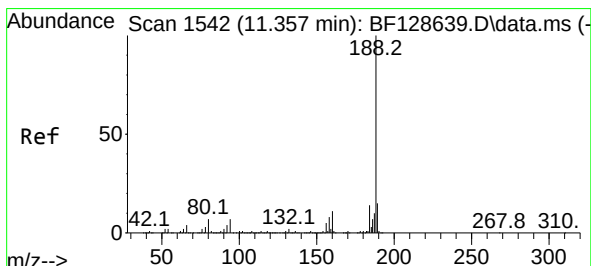
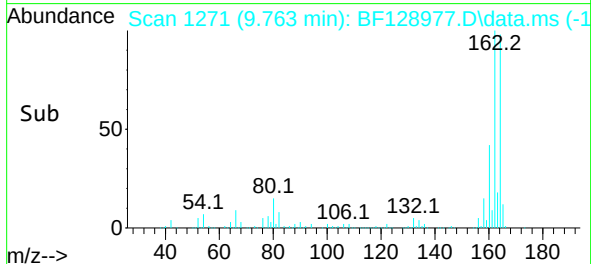
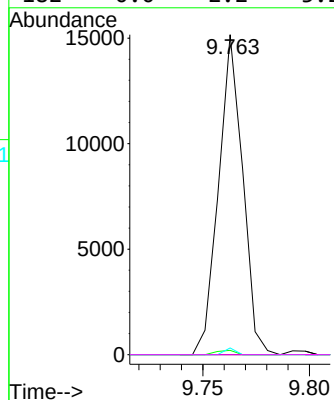
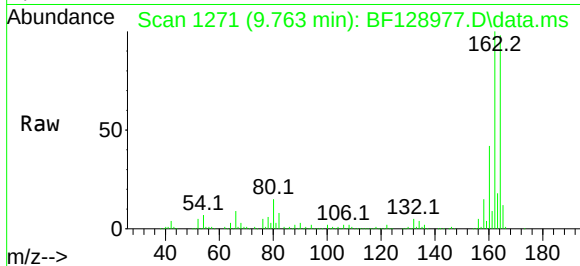




#57
2,4-Dinitrotoluene
Concen: 7.227 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

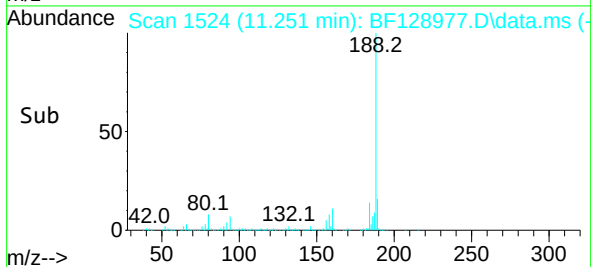
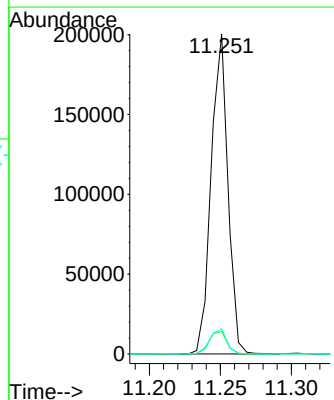
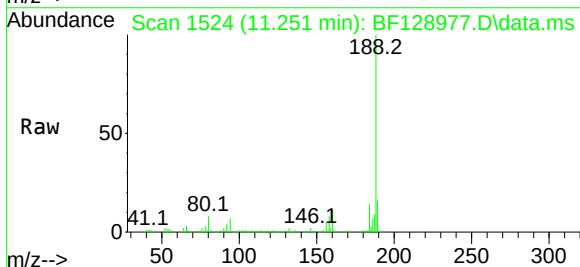
Instrument :
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TR-04-062122

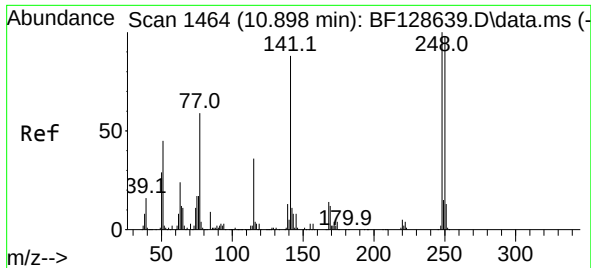
Tgt Ion:165 Resp: 11924
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 2.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion:188 Resp: 164108
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.9 7.6 11.4

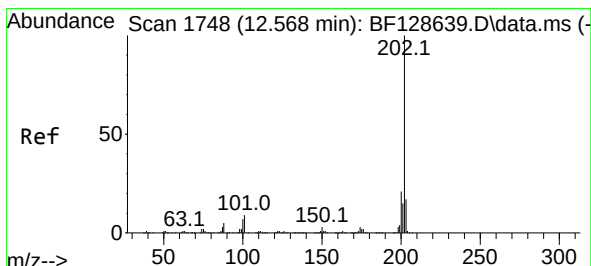
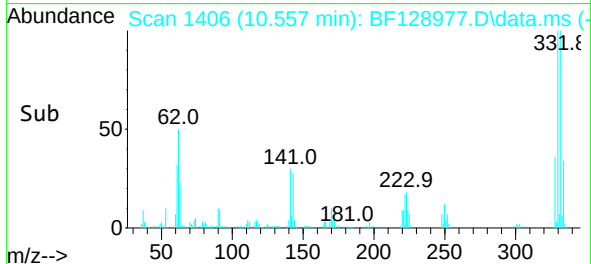
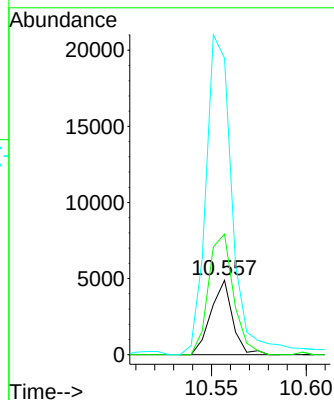
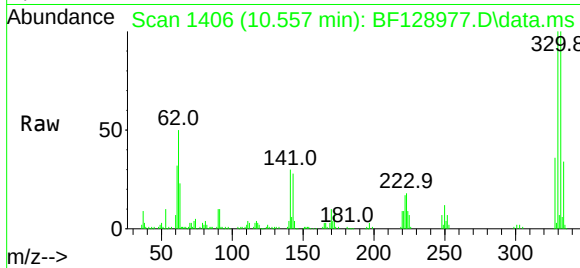




#67
4-Bromophenyl-phenylether
Concen: 2.132 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

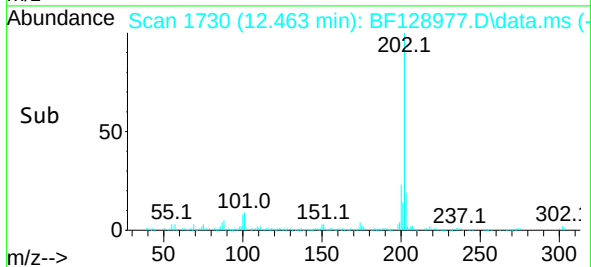
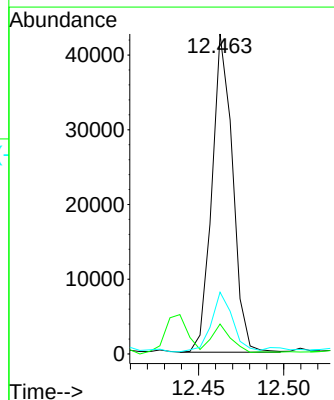
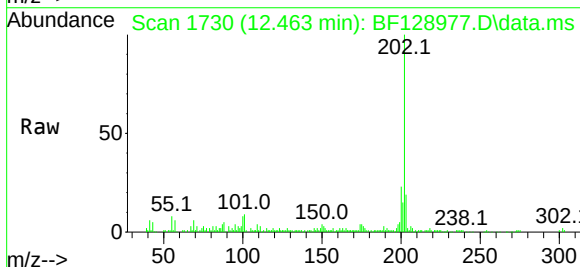
Instrument :
BNA_F
ClientSampleId :
TR-04-062122

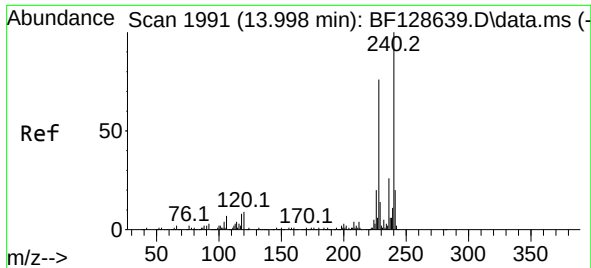
Tgt Ion:248 Resp: 3902
Ion Ratio Lower Upper
248 100
250 162.3 80.6 120.8#
141 398.9 58.9 88.3#



#75
Fluoranthene
Concen: 4.176 ng
RT: 12.463 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion:202 Resp: 35933
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 19.3 0.0 38.0

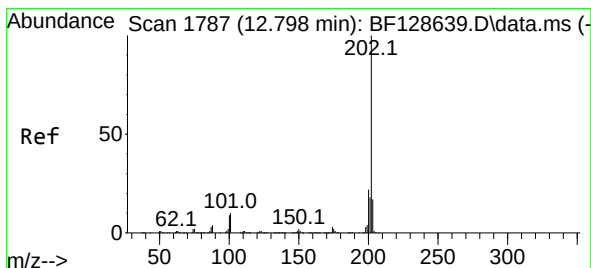
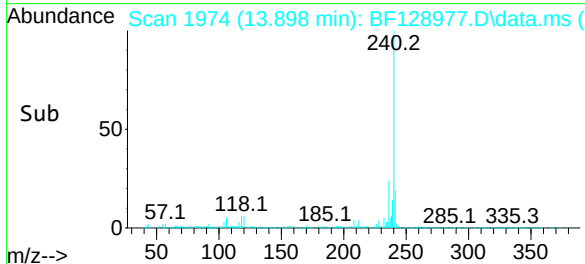
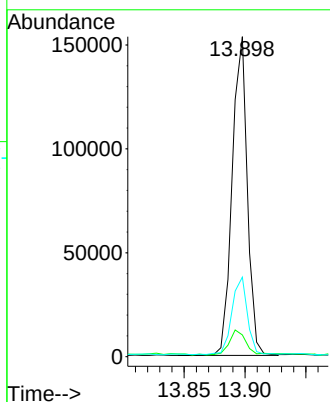
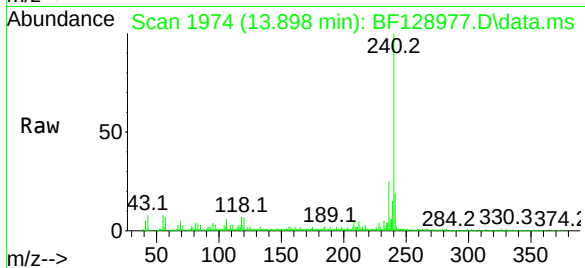




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

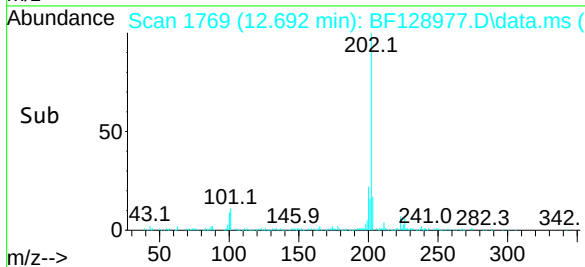
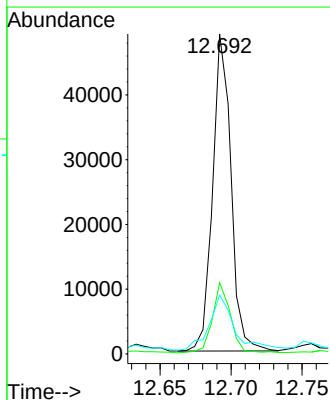
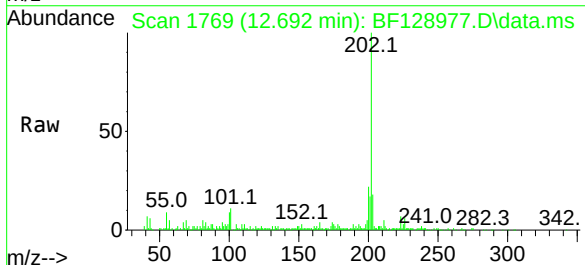
Instrument :
BNA_F
ClientSampleId :
TR-04-062122

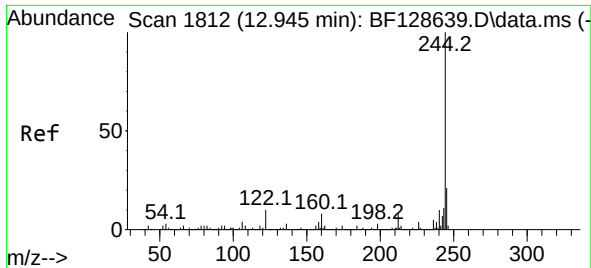
Tgt Ion:240 Resp: 132538
Ion Ratio Lower Upper
240 100
120 6.8 8.9 13.3#
236 24.9 20.8 31.2



#78
Pyrene
Concen: 4.457 ng
RT: 12.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion:202 Resp: 43950
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.4 14.6 21.8

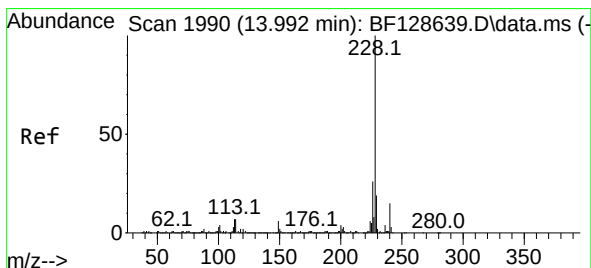
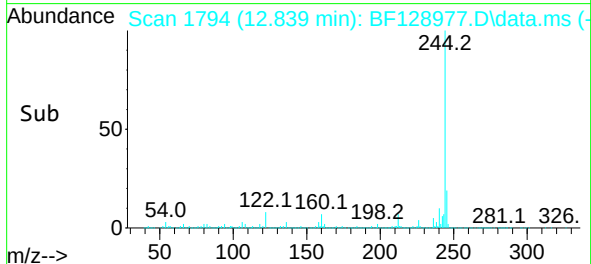
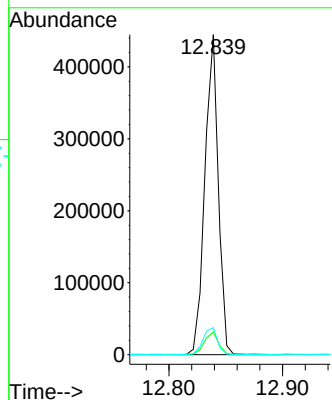
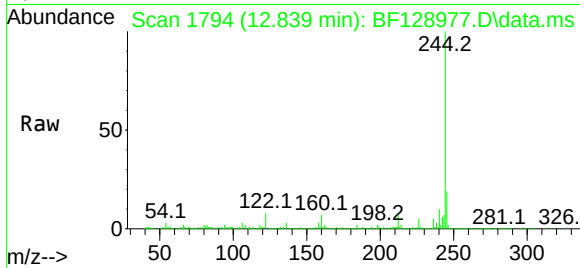




#79
 Terphenyl-d14
 Concen: 47.798 ng
 RT: 12.839 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF128977.D
 Acq: 24 Jun 2022 03:22

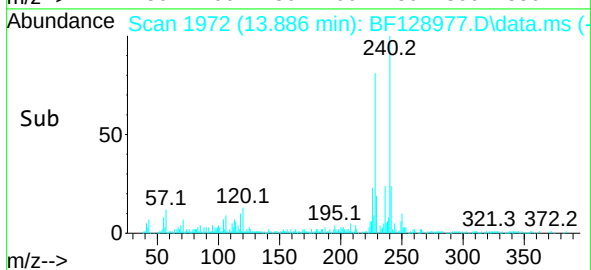
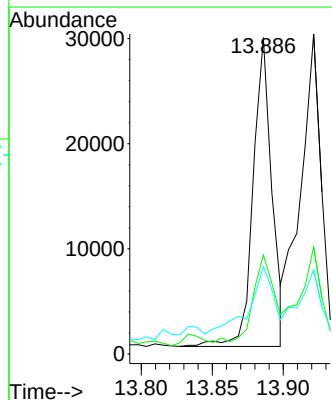
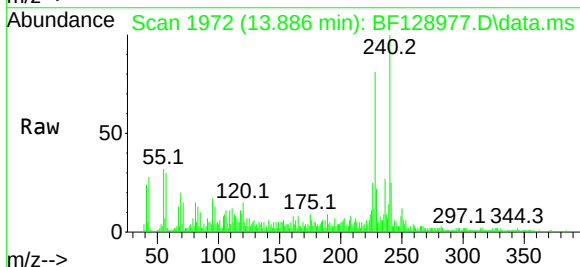
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062122

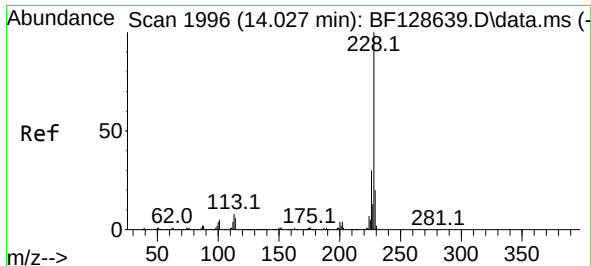
Tgt Ion:244 Resp: 364577
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.4 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 3.275 ng
 RT: 13.886 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: BF128977.D
 Acq: 24 Jun 2022 03:22

Tgt Ion:228 Resp: 27053
 Ion Ratio Lower Upper
 228 100
 226 31.3 22.1 33.1
 229 27.6 15.8 23.8#

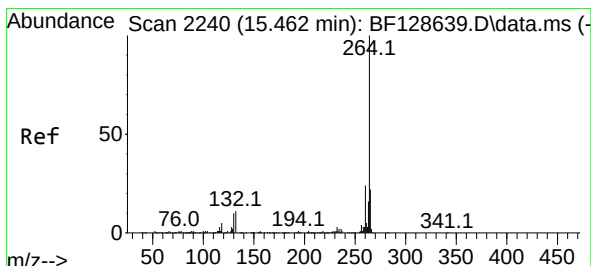
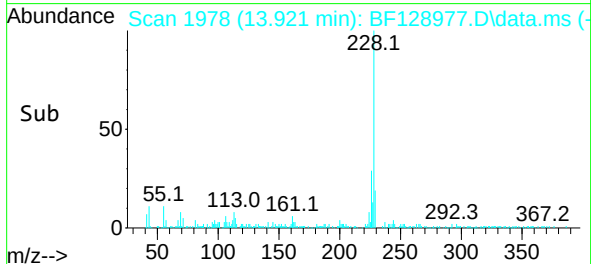
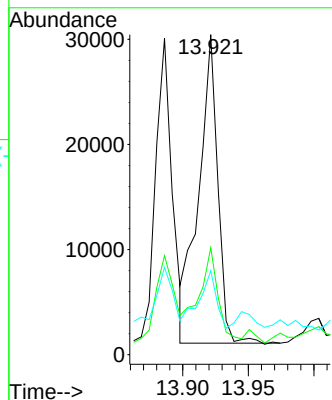
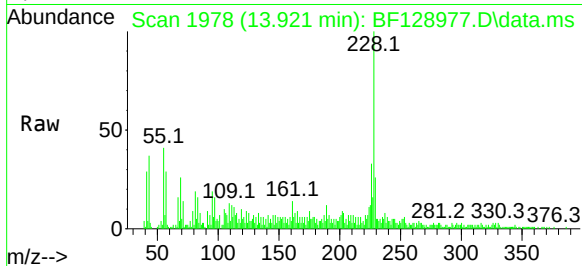




#83
Chrysene
Concen: 3.810 ng
RT: 13.921 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

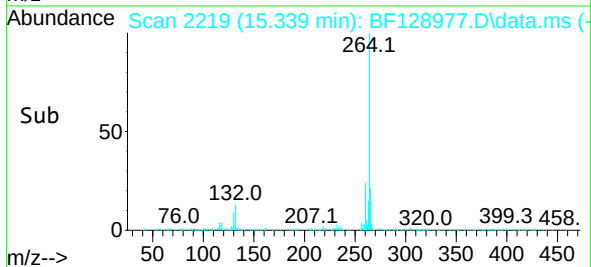
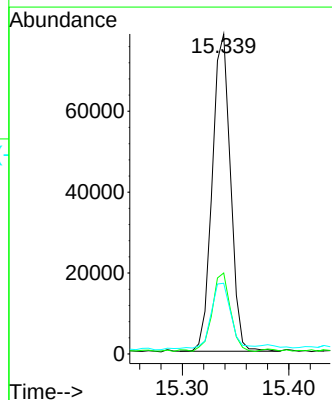
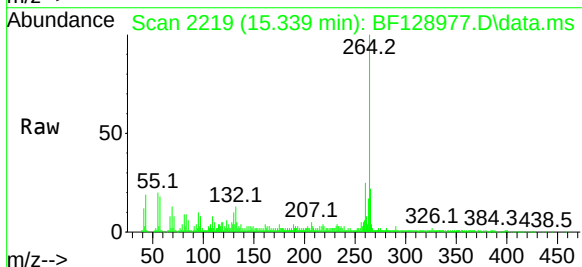
Instrument :
BNA_F
ClientSampleId :
TR-04-062122

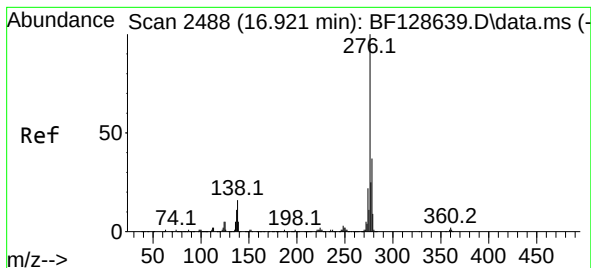
Tgt Ion:228 Resp: 30012
Ion Ratio Lower Upper
228 100
226 33.4 24.3 36.5
229 26.3 15.9 23.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion:264 Resp: 93165
Ion Ratio Lower Upper
264 100
260 25.3 18.4 27.6
265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.454 ng

RT: 16.751 min Scan# 2149

Delta R.T. 0.006 min

Lab File: BF128977.D

Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

ClientSampleId :

TR-04-062122

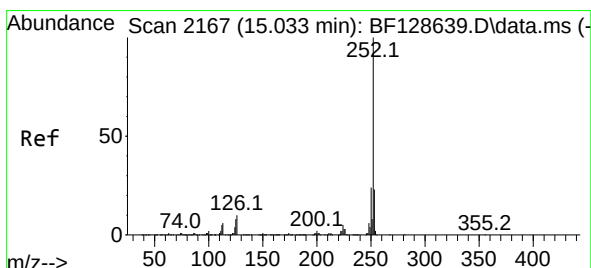
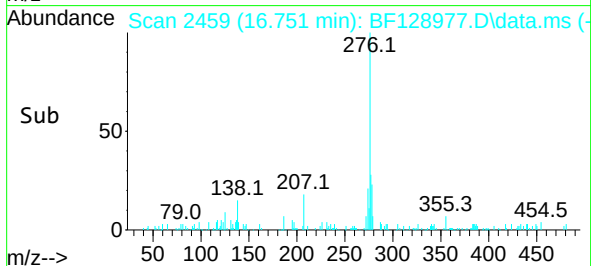
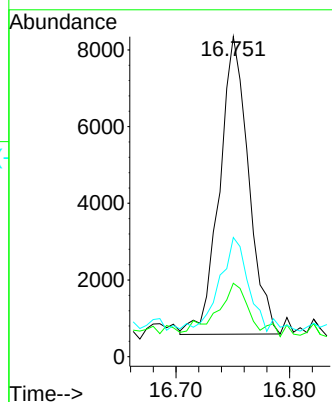
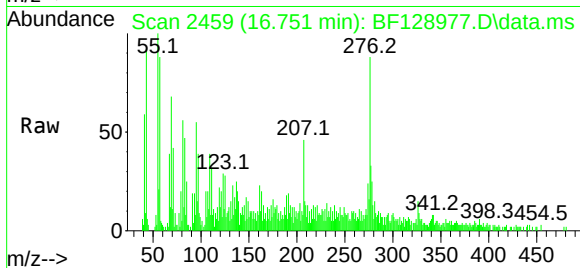
Tgt Ion:276 Resp: 13778

Ion Ratio Lower Upper

276 100

138 21.0 21.1 31.7#

277 32.5 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 6.710 ng

RT: 14.927 min Scan# 2149

Delta R.T. 0.006 min

Lab File: BF128977.D

Acq: 24 Jun 2022 03:22

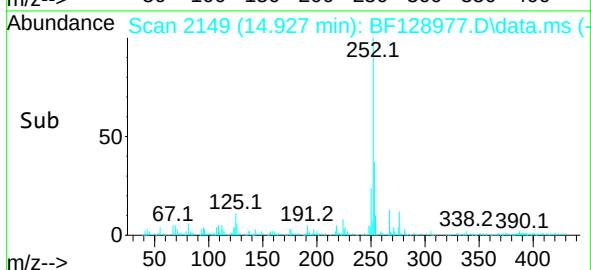
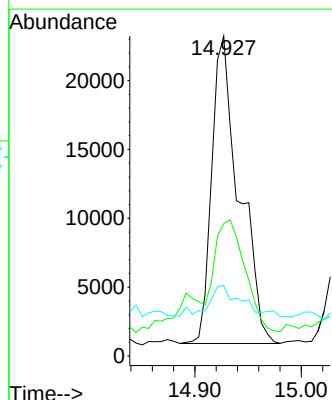
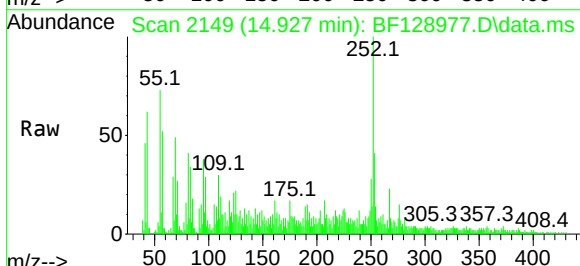
Tgt Ion:252 Resp: 39944

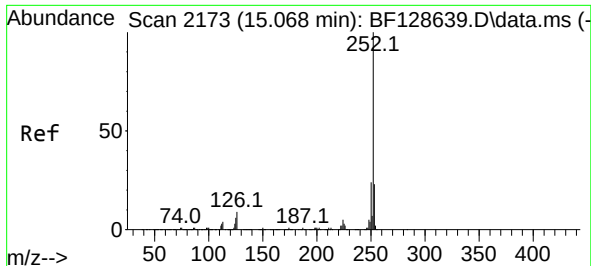
Ion Ratio Lower Upper

252 100

253 41.3 17.7 26.5#

125 22.0 8.0 12.0#

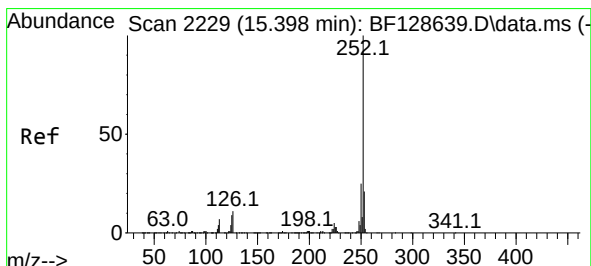
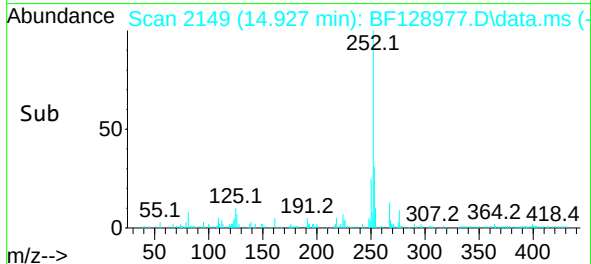
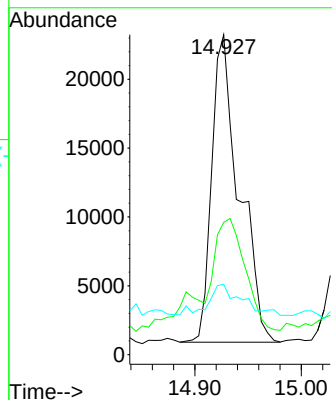
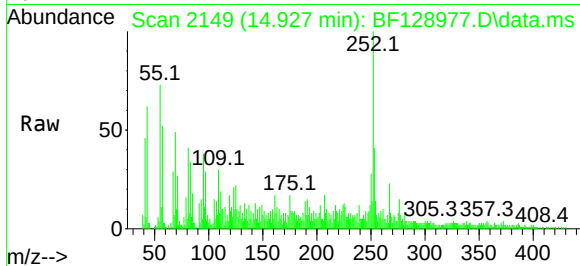




#89
Benzo(k)fluoranthene
Concen: 7.133 ng
RT: 14.927 min Scan# 2173
Delta R.T. -0.024 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

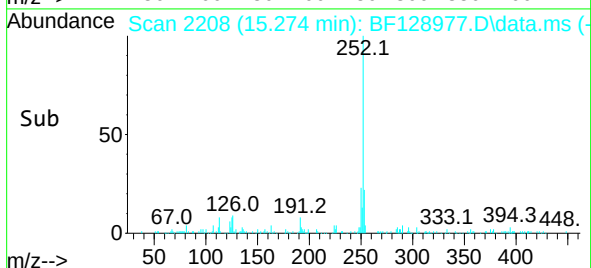
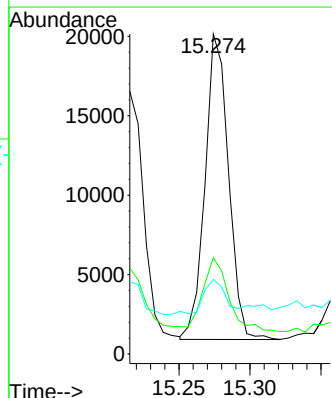
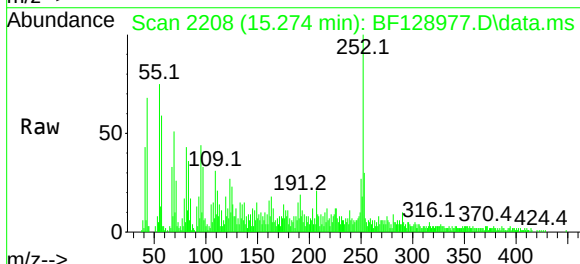
Instrument :
BNA_F
ClientSampleId :
TR-04-062122

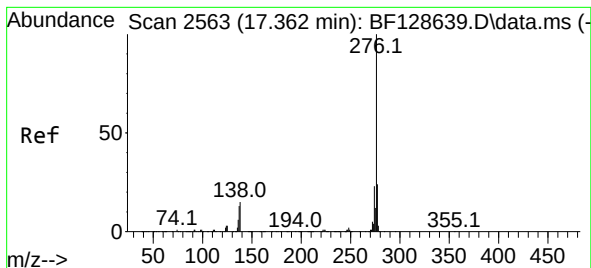
Tgt Ion:252 Resp: 39944
Ion Ratio Lower Upper
252 100
253 41.3 17.8 26.6#
125 22.0 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 4.730 ng
RT: 15.274 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF128977.D
Acq: 24 Jun 2022 03:22

Tgt Ion:252 Resp: 22132
Ion Ratio Lower Upper
252 100
253 30.1 17.0 25.6#
125 23.3 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 3.306 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF128977.D

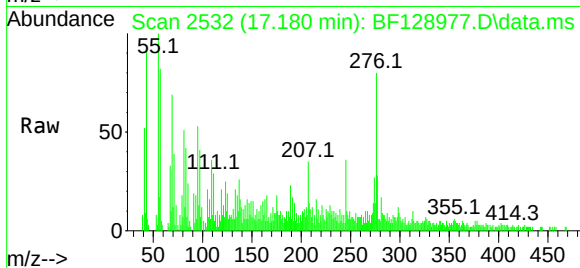
Acq: 24 Jun 2022 03:22

Instrument :

BNA_F

ClientSampleId :

TR-04-062122



Tgt Ion:276 Resp: 15260

Ion Ratio Lower Upper

276 100

277 35.7 19.1 28.7#

138 20.5 18.0 27.0

