

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128986.D
 Acq On : 24 Jun 2022 13:34
 Operator : CG\JU
 Sample : N3462-04 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-0-2-20220622

Quant Time: Jun 25 06:13:17 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)

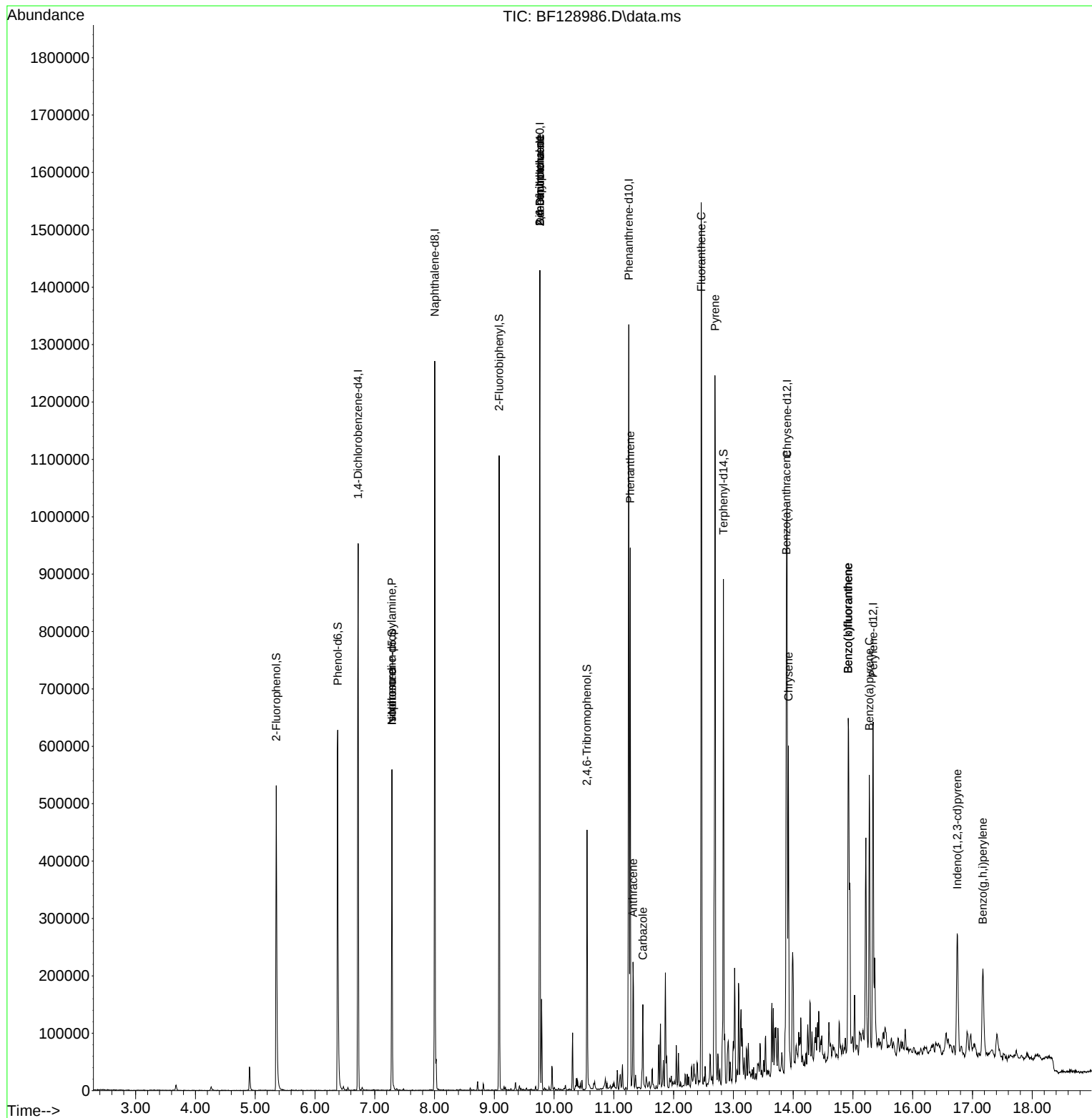
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	123783	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	475932	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	278844	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	473210	20.000	ng	0.00
76) Chrysene-d12	13.898	240	253005	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	257659	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	145549	18.729	ng	0.00
7) Phenol-d6	6.381	99	214678	22.631	ng	0.00
23) Nitrobenzene-d5	7.286	82	147452	14.425	ng	-0.02
42) 2,4,6-Tribromophenol	10.551	330	46865	14.224	ng	-0.01
45) 2-Fluorobiphenyl	9.080	172	293578	14.748	ng	-0.01
79) Terphenyl-d14	12.833	244	270588	18.584	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.286	70	20492	3.474	ng	# 80
25) Isophorone	7.286	82	146176	9.415	ng	# 65
50) Dimethylphthalate	9.763	163	51417	2.694	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	35569	9.442	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	35569	7.075	ng	# 21
71) Phenanthrene	11.274	178	314888	13.267	ng	97
72) Anthracene	11.321	178	78549	3.344	ng	99
73) Carbazole	11.486	167	49553	2.271	ng	99
75) Fluoranthene	12.463	202	622770	25.101	ng	98
78) Pyrene	12.692	202	530792	28.198	ng	99
81) Benzo(a)anthracene	13.886	228	274189	17.386	ng	99
83) Chrysene	13.921	228	195441	12.999	ng	97
87) Indeno(1,2,3-cd)pyrene	16.745	276	129948	8.368	ng	# 91
88) Benzo(b)fluoranthene	14.921	252	439068	26.668	ng	98
89) Benzo(k)fluoranthene	14.921	252	439068	28.350	ng	98
90) Benzo(a)pyrene	15.274	252	221081	17.085	ng	95
92) Benzo(g,h,i)perylene	17.174	276	117925	9.237	ng	95

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

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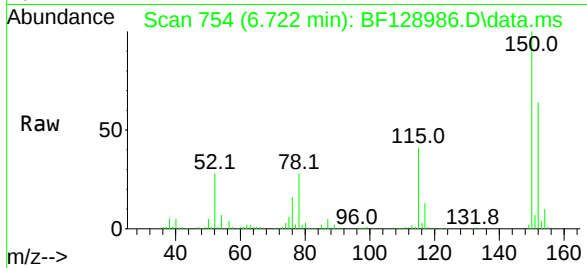
Quant Time: Jun 25 06:13:17 2022
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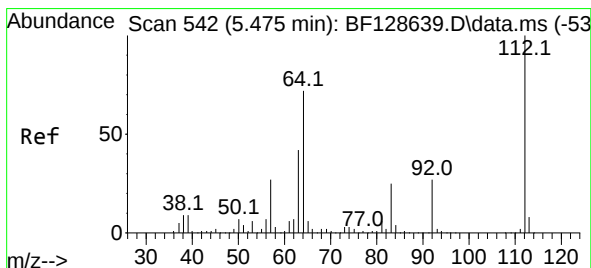
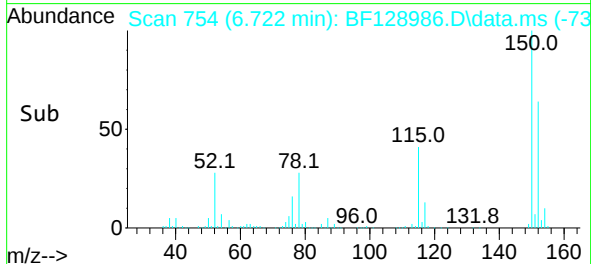
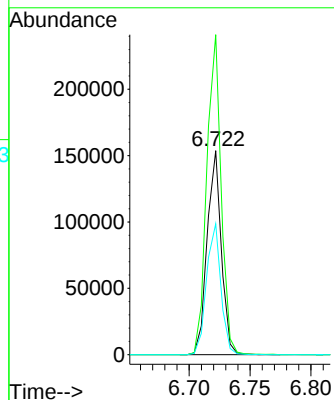


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

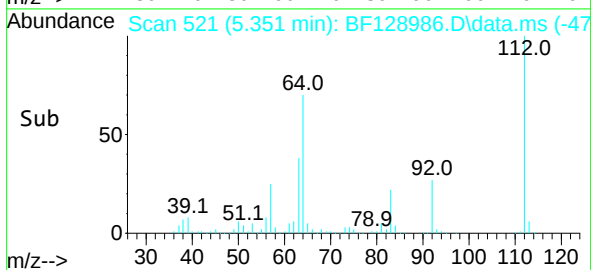
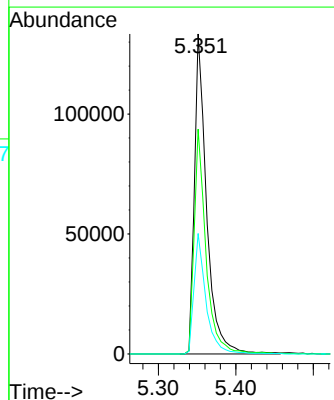
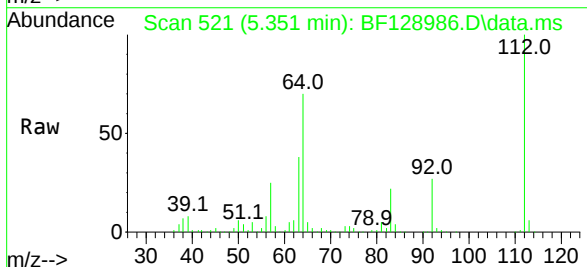


Tgt Ion:152 Resp: 123783
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 18.729 ng
RT: 5.351 min Scan# 521
Delta R.T. -0.006 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

Tgt Ion:112 Resp: 145549
Ion Ratio Lower Upper
112 100
64 70.2 53.3 79.9
63 37.7 28.0 42.0

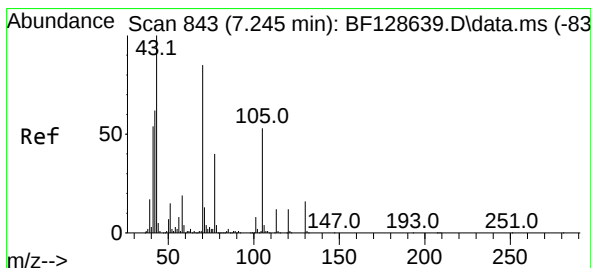
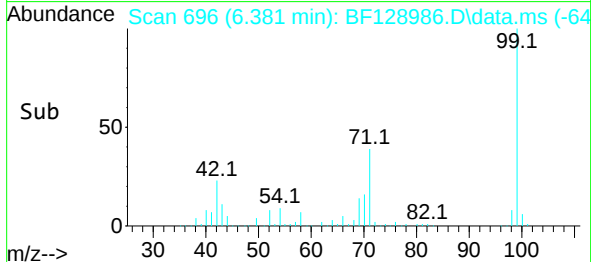
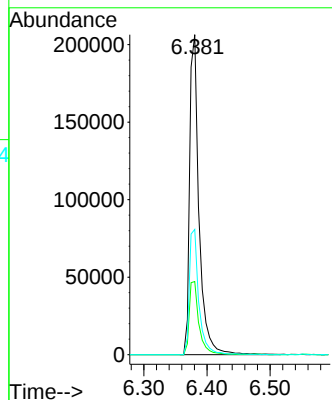
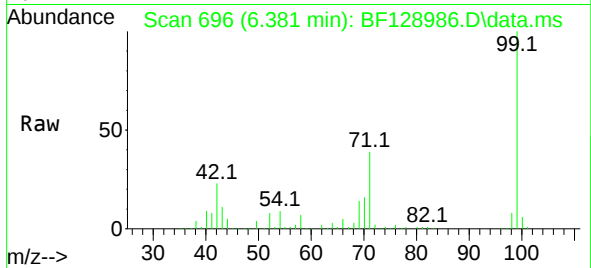




#7
Phenol-d6
Concen: 22.631 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

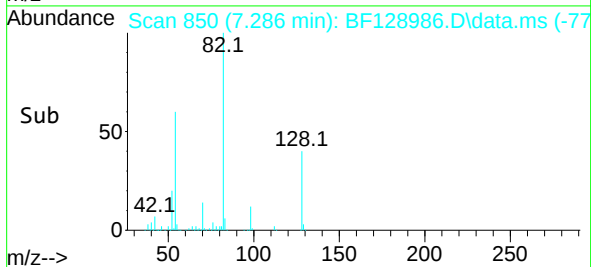
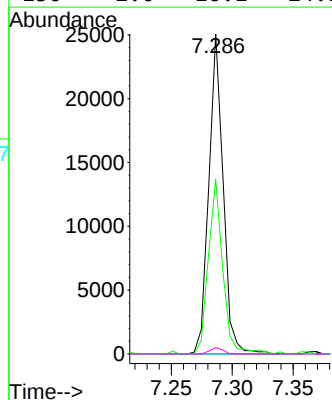
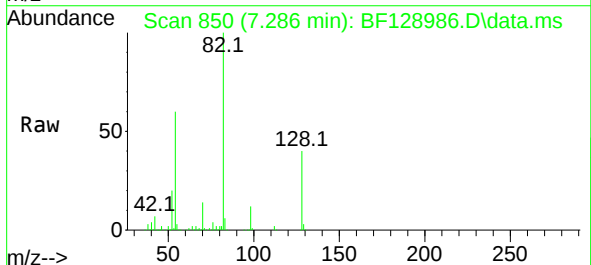
Instrument :
BNA_F
ClientSampleId :
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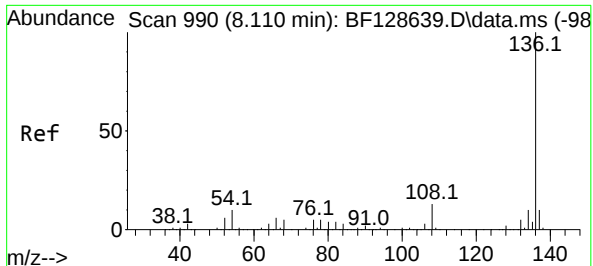
Tgt Ion: 99 Resp: 214678
Ion Ratio Lower Upper
99 100
42 22.8 17.3 25.9
71 39.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 3.474 ng
RT: 7.286 min Scan# 850
Delta R.T. 0.135 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

Tgt Ion: 70 Resp: 20492
Ion Ratio Lower Upper
70 100
42 54.6 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128986.D

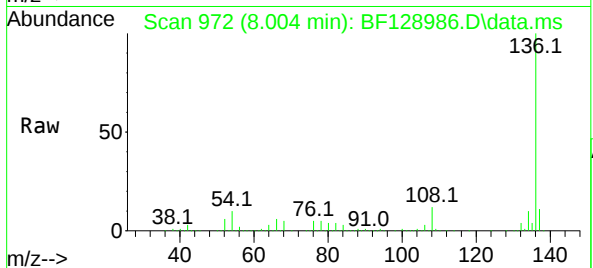
Acq: 24 Jun 2022 13:34

Instrument :

BNA_F

ClientSampleId :

SB-6-0-2-20220622



Tgt Ion:136 Resp: 475932

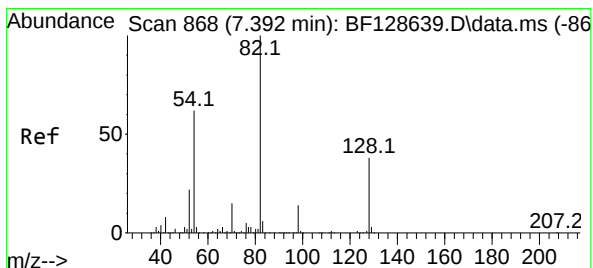
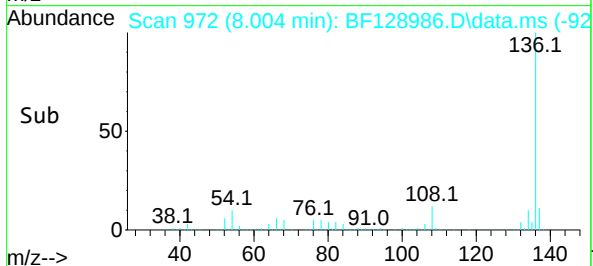
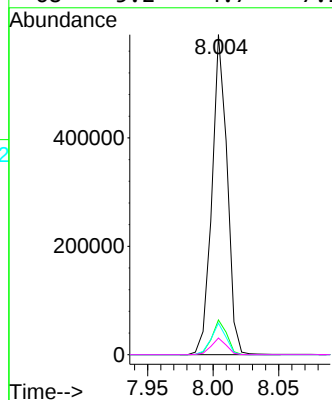
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.9 7.5 11.3

68 5.2 4.7 7.1



#23

Nitrobenzene-d5

Concen: 14.425 ng

RT: 7.286 min Scan# 850

Delta R.T. -0.018 min

Lab File: BF128986.D

Acq: 24 Jun 2022 13:34

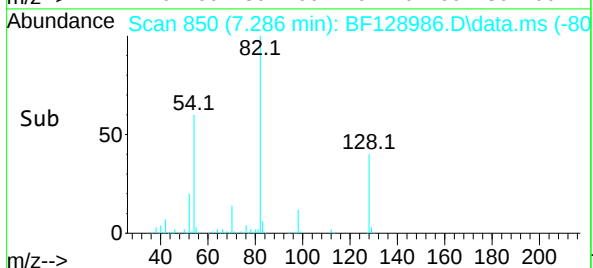
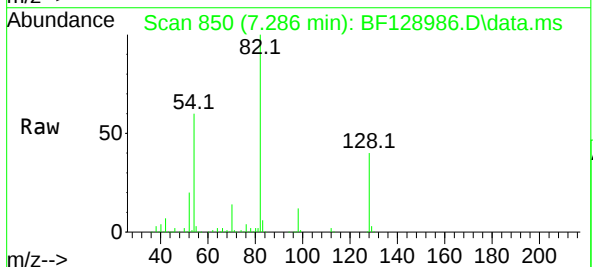
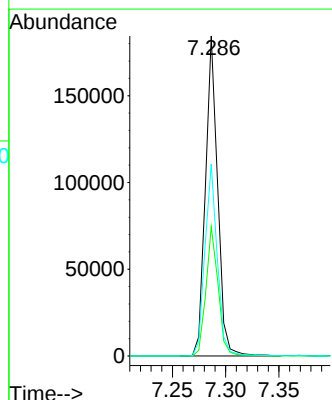
Tgt Ion: 82 Resp: 147452

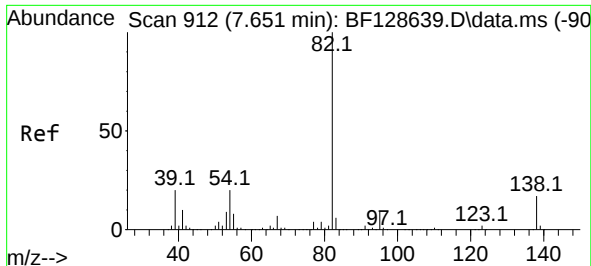
Ion Ratio Lower Upper

82 100

128 40.4 34.0 51.0

54 59.9 46.9 70.3

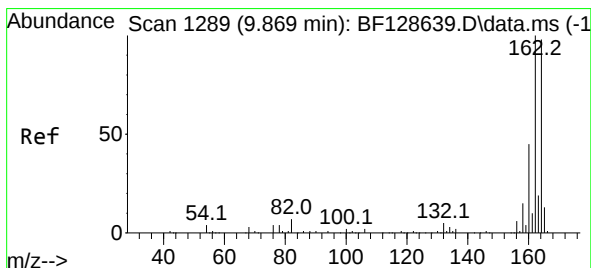
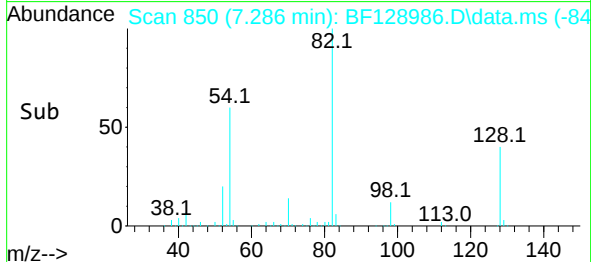
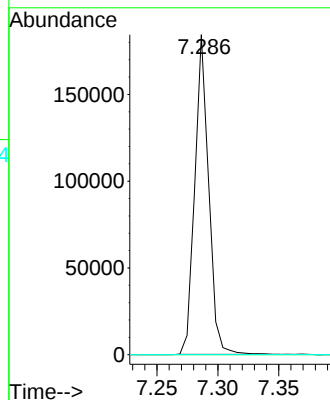
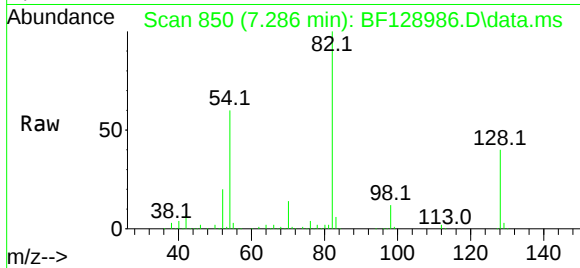




#25
Isophorone
Concen: 9.415 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

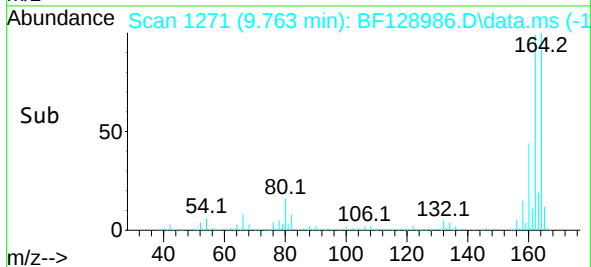
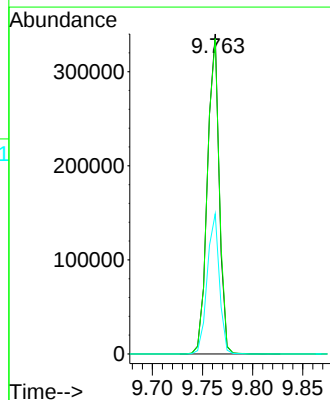
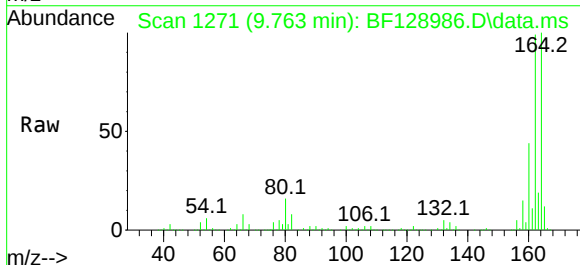
Instrument :
BNA_F
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SB-6-0-2-20220622

Tgt Ion: 82 Resp: 146176
Ion Ratio Lower Upper
82 100
95 0.0 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: BF128986.D
Acq: 24 Jun 2022 13:34

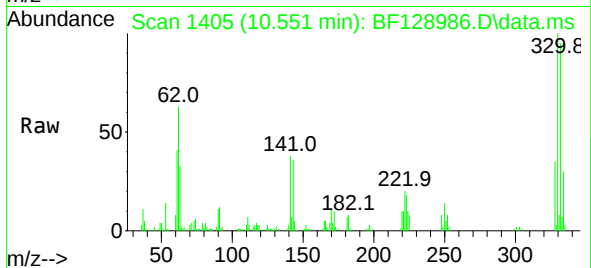
Tgt Ion:164 Resp: 278844
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 43.8 34.2 51.4



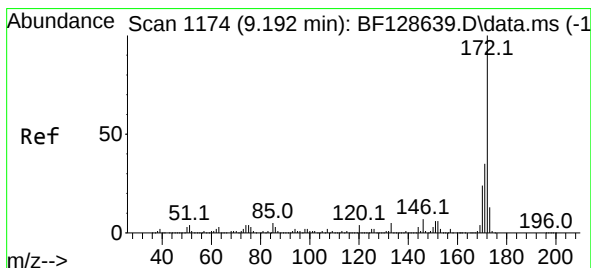
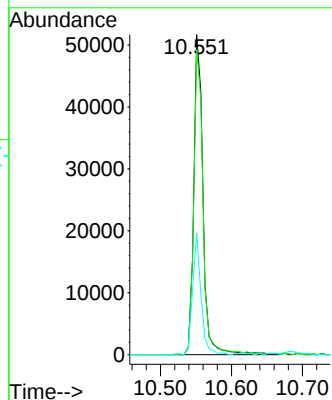
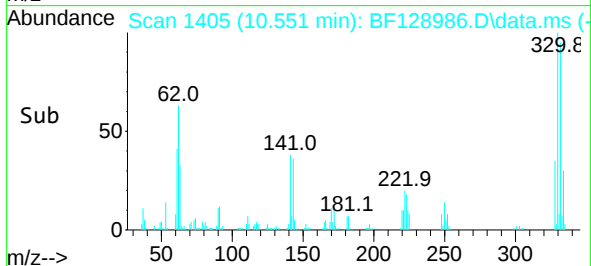


#42
2,4,6-Tribromophenol
Concen: 14.224 ng
RT: 10.551 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

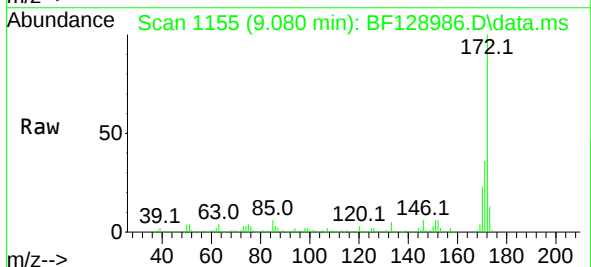
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ClientSampleId :
SB-6-0-2-20220622



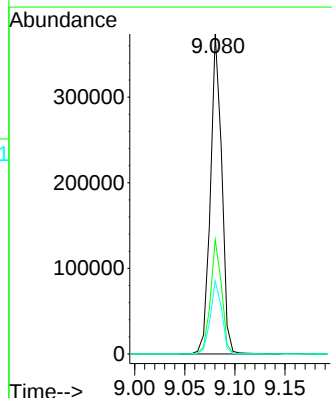
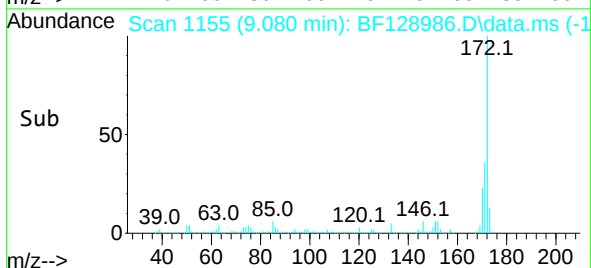
Tgt Ion: 330 Resp: 46865
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 34.8 28.0 42.0

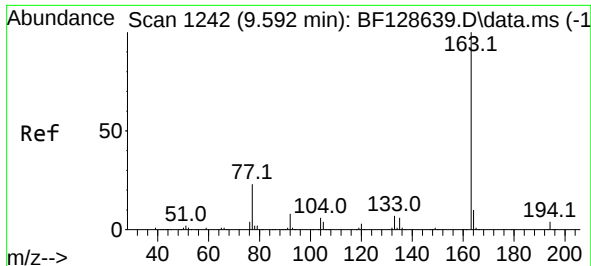


#45
2-Fluorobiphenyl
Concen: 14.748 ng
RT: 9.080 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34



Tgt Ion: 172 Resp: 293578
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 22.9 19.8 29.8

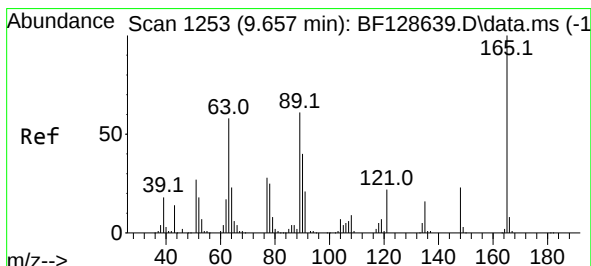
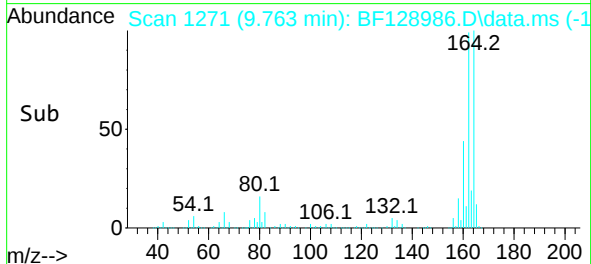
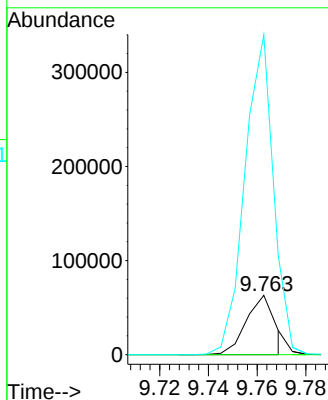
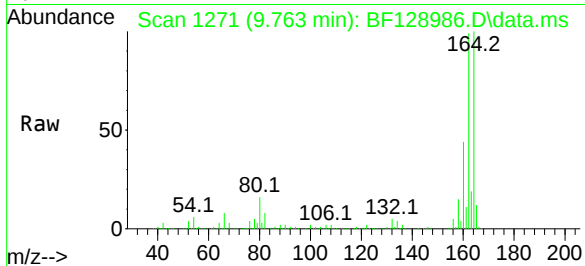




#50
Dimethylphthalate
Concen: 2.694 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

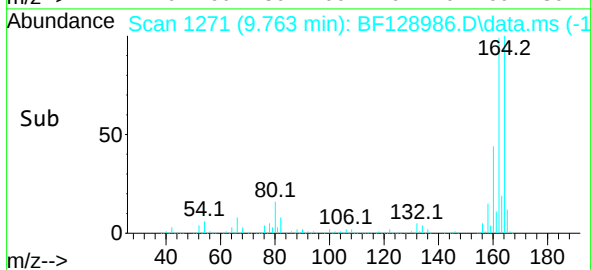
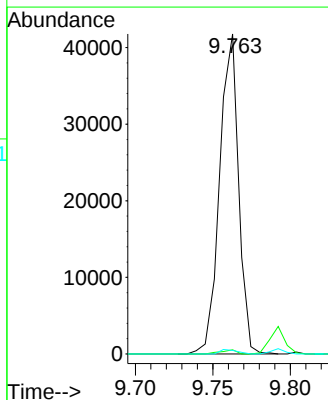
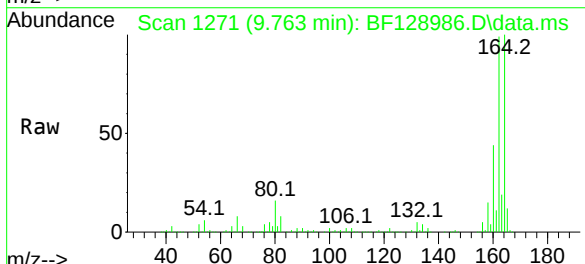
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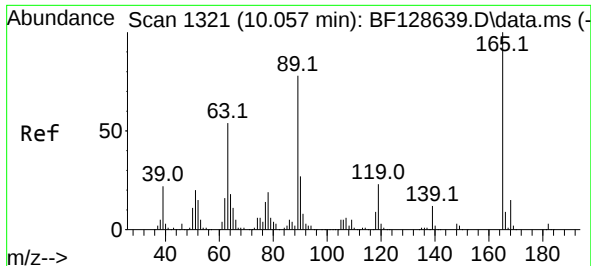
Tgt Ion:163 Resp: 51417
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 539.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.442 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

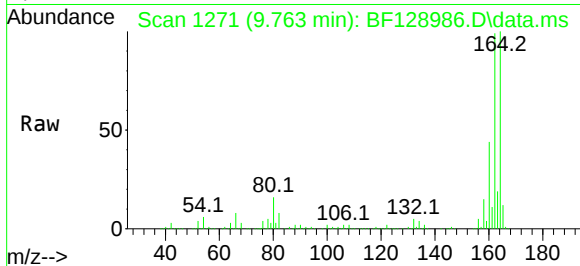
Tgt Ion:165 Resp: 35569
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.1 43.6 65.4#



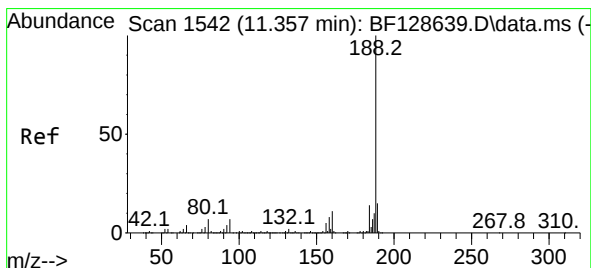
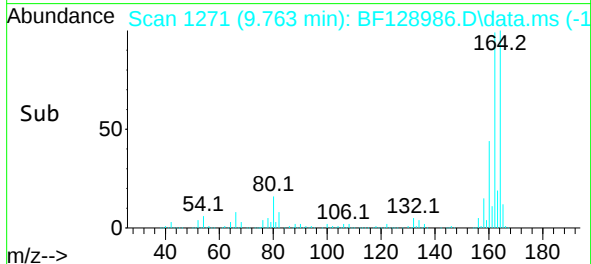
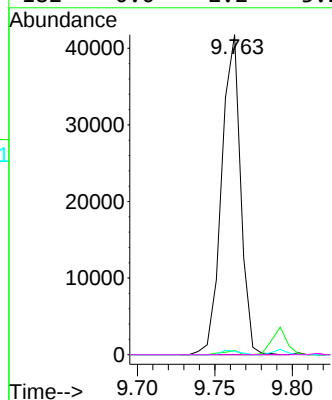


#57
2,4-Dinitrotoluene
Concen: 7.075 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

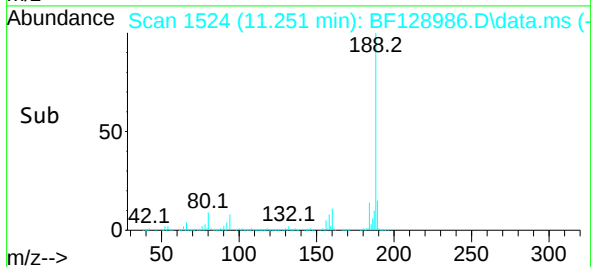
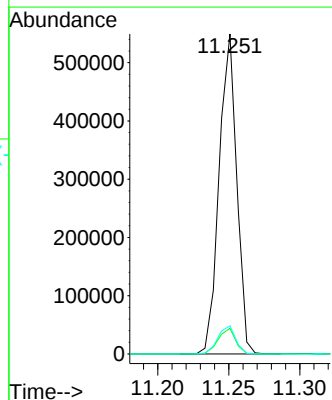
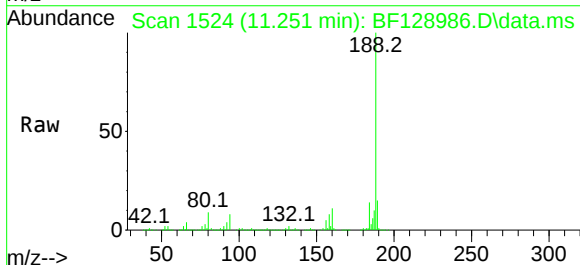


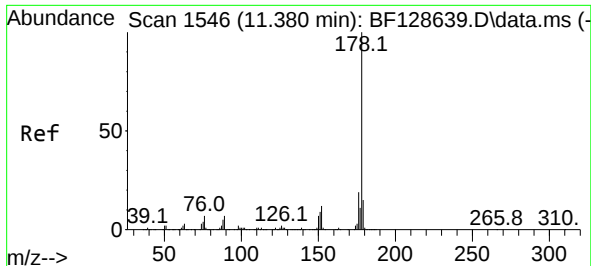
Tgt Ion:165 Resp: 35569
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

Tgt Ion:188 Resp: 473210
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.8 7.6 11.4

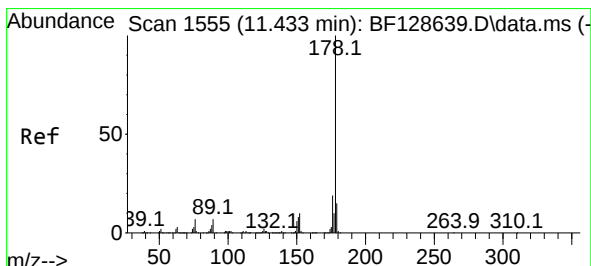
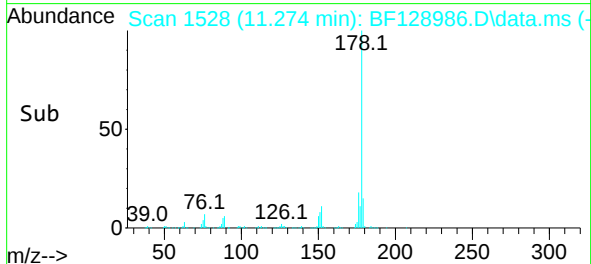
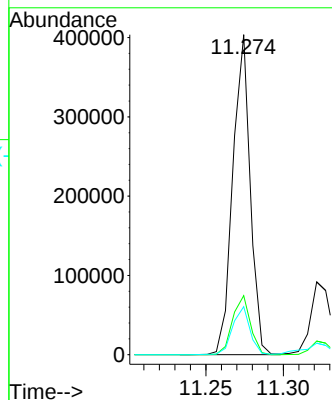
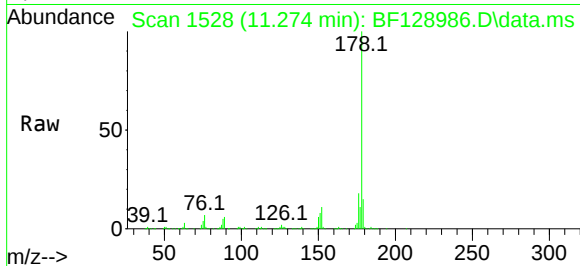




#71
 Phenanthrene
 Concen: 13.267 ng
 RT: 11.274 min Scan# 1528
 Delta R.T. -0.006 min
 Lab File: BF128986.D
 Acq: 24 Jun 2022 13:34

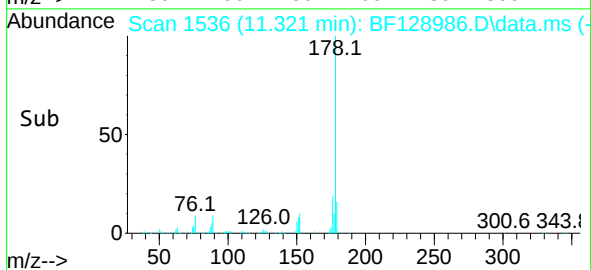
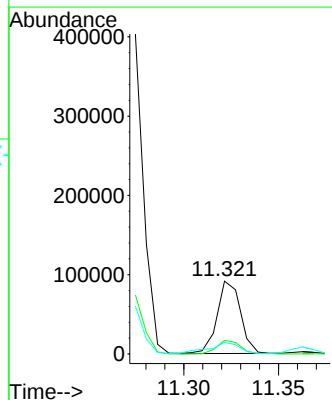
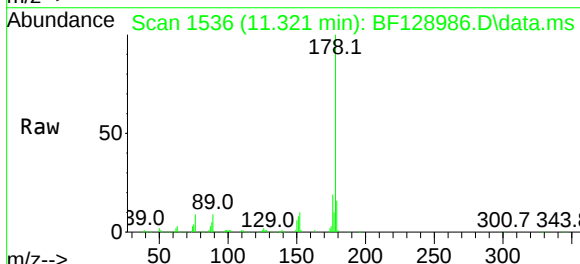
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-0-2-20220622

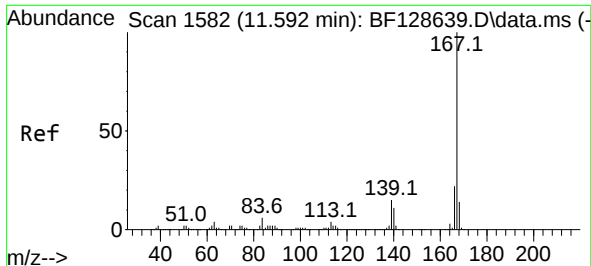
Tgt Ion:178 Resp: 314888
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.0 24.0
 179 15.0 12.6 19.0



#72
 Anthracene
 Concen: 3.344 ng
 RT: 11.321 min Scan# 1536
 Delta R.T. -0.012 min
 Lab File: BF128986.D
 Acq: 24 Jun 2022 13:34

Tgt Ion:178 Resp: 78549
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 19.0

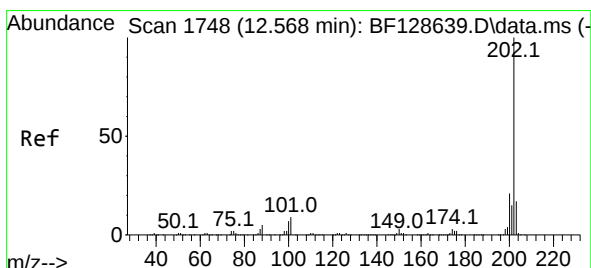
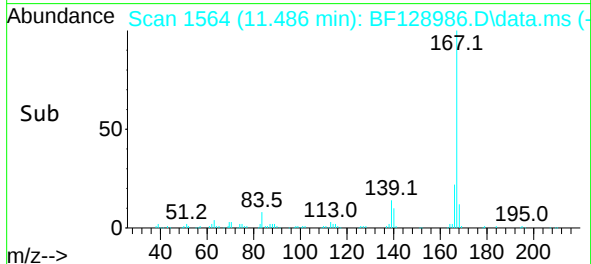
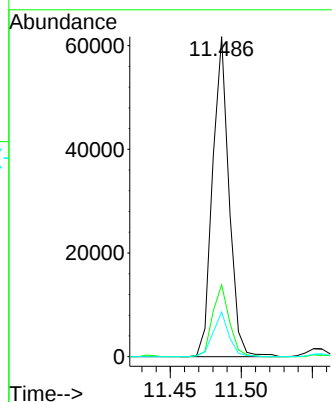
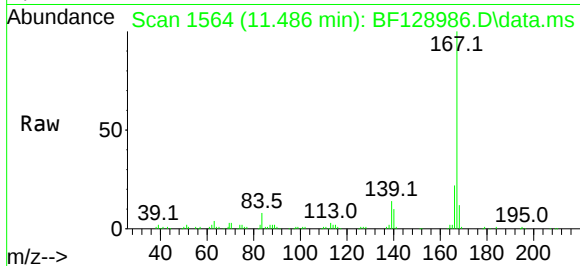




#73
 Carbazole
 Concen: 2.271 ng
 RT: 11.486 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128986.D
 Acq: 24 Jun 2022 13:34

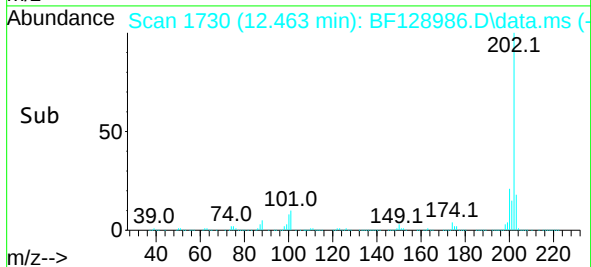
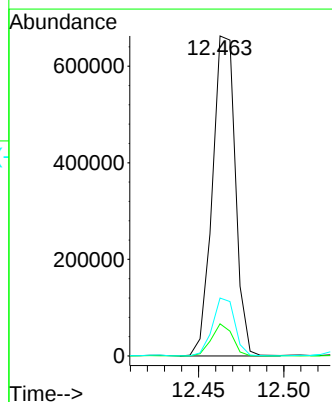
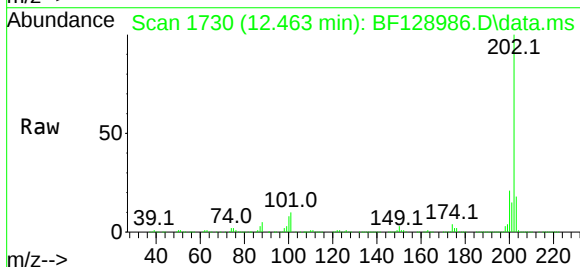
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-0-2-20220622

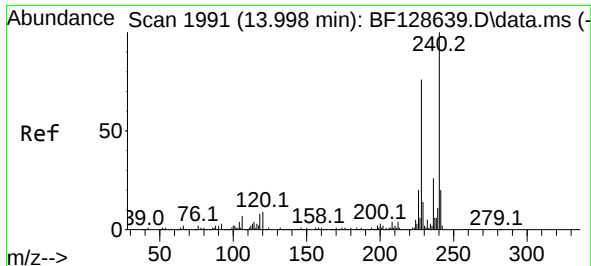
Tgt Ion:167 Resp: 49553
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 13.9 11.2 16.8



#75
 Fluoranthene
 Concen: 25.101 ng
 RT: 12.463 min Scan# 1730
 Delta R.T. -0.006 min
 Lab File: BF128986.D
 Acq: 24 Jun 2022 13:34

Tgt Ion:202 Resp: 622770
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.4
 203 18.1 0.0 38.0

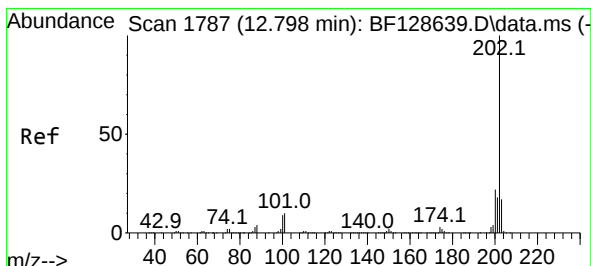
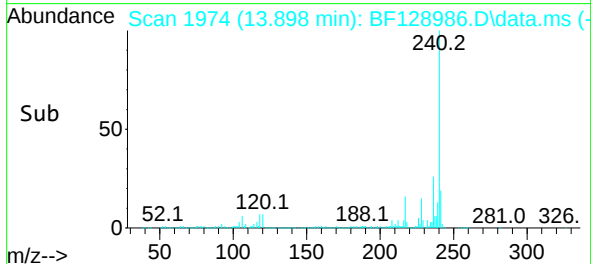
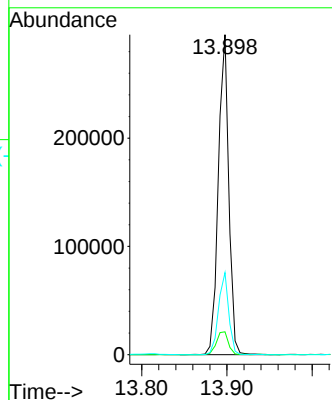
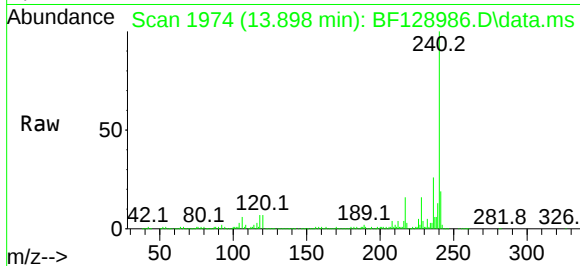




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

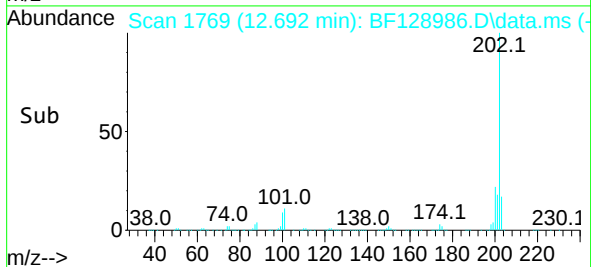
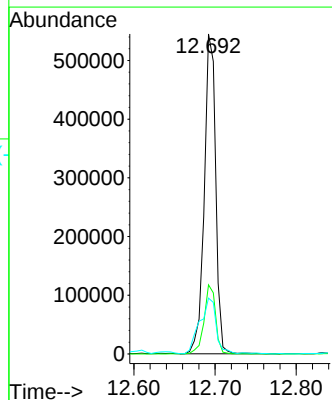
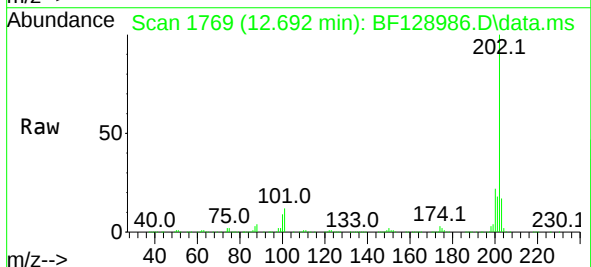
Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

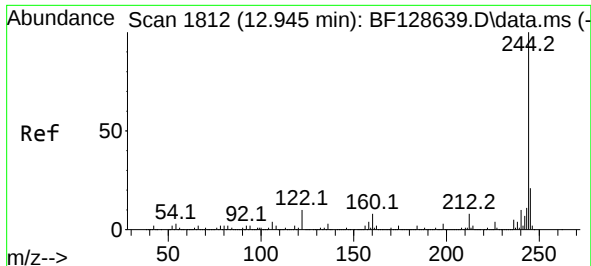
Tgt Ion:240 Resp: 253005
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.7 20.8 31.2



#78
Pyrene
Concen: 28.198 ng
RT: 12.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

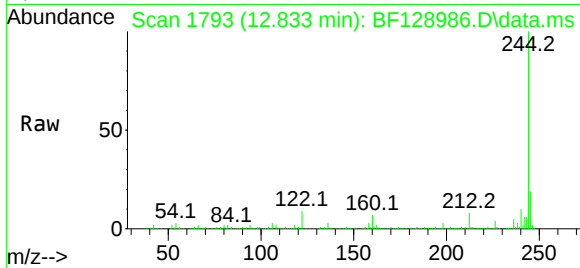
Tgt Ion:202 Resp: 530792
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.5 14.6 21.8



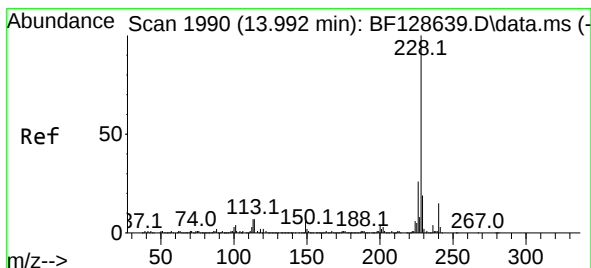
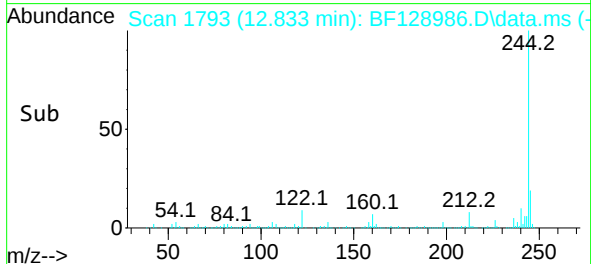
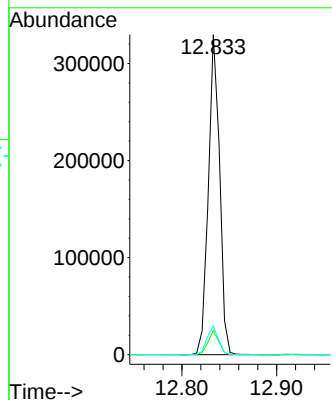


#79
 Terphenyl-d14
 Concen: 18.584 ng
 RT: 12.833 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF128986.D
 Acq: 24 Jun 2022 13:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-0-2-20220622

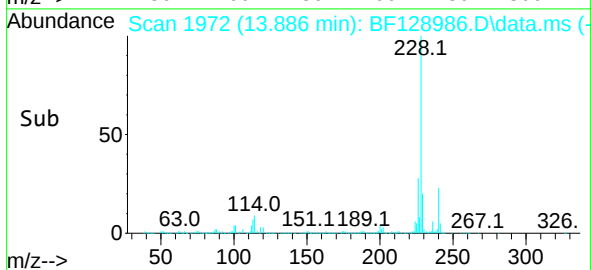
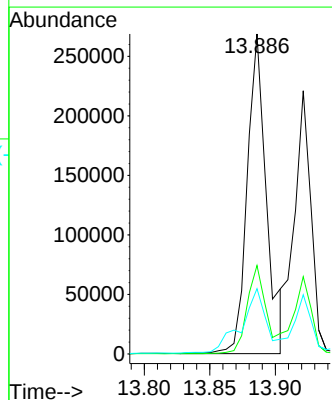
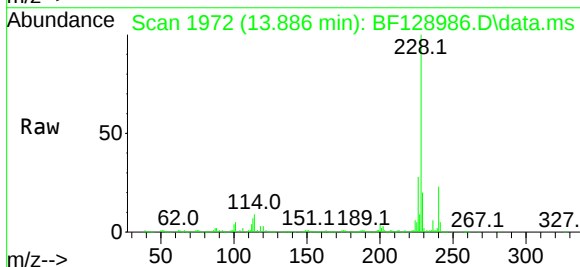


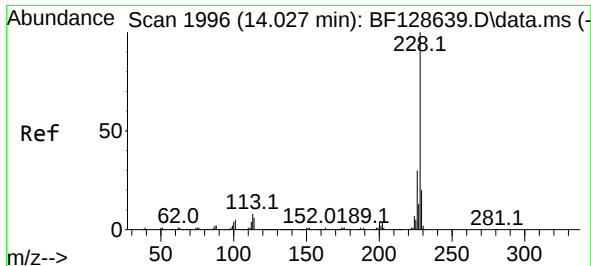
Tgt Ion:244 Resp: 270588
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.0 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 17.386 ng
 RT: 13.886 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: BF128986.D
 Acq: 24 Jun 2022 13:34

Tgt Ion:228 Resp: 274189
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.1 33.1
 229 20.4 15.8 23.8

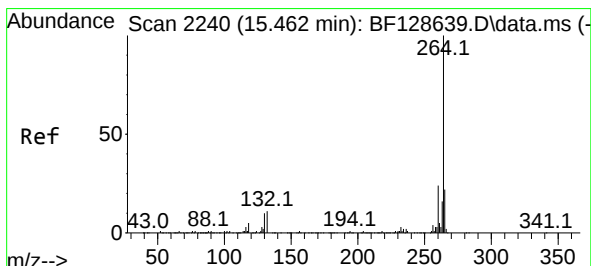
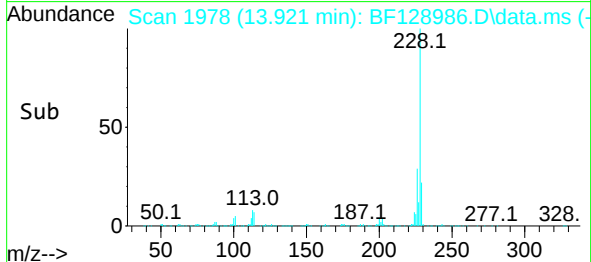
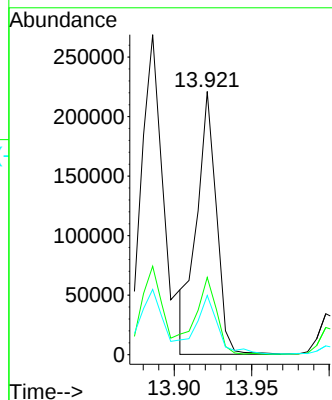
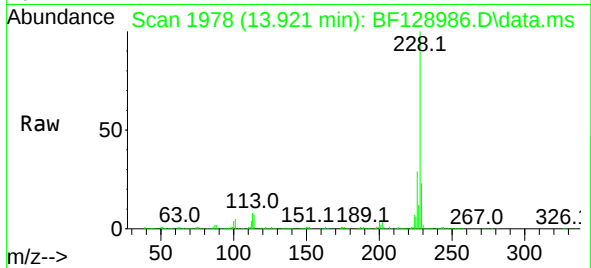




#83
Chrysene
Concen: 12.999 ng
RT: 13.921 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

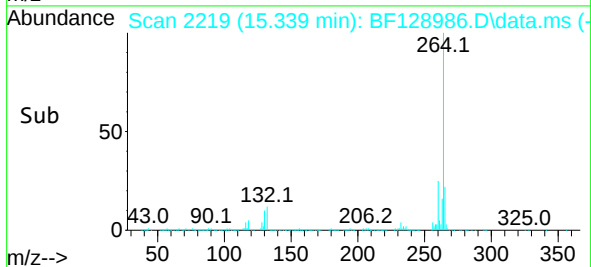
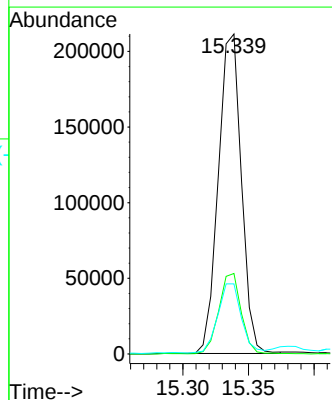
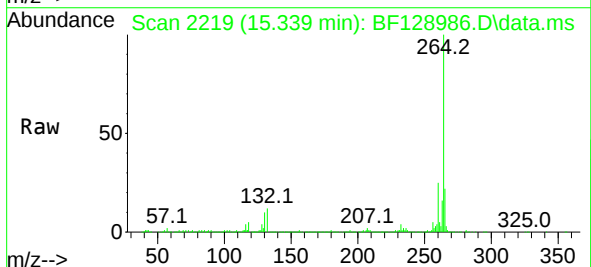
Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

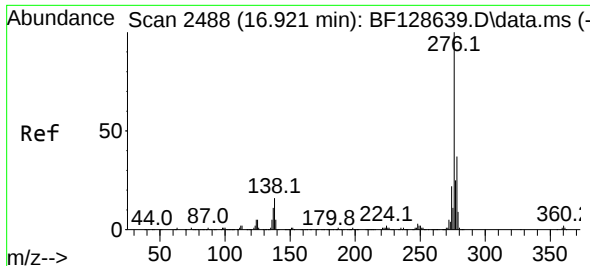
Tgt Ion:228 Resp: 195441
Ion Ratio Lower Upper
228 100
226 29.3 24.3 36.5
229 22.5 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

Tgt Ion:264 Resp: 257659
Ion Ratio Lower Upper
264 100
260 25.1 18.4 27.6
265 21.9 17.2 25.8

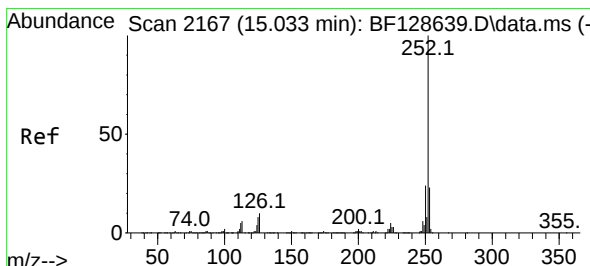
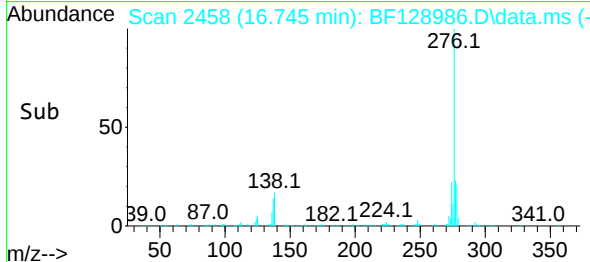
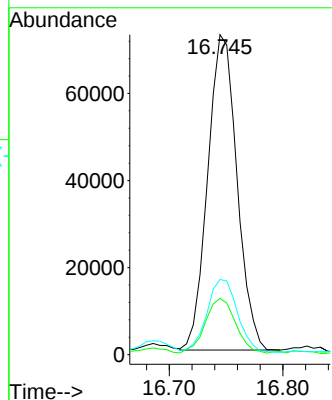
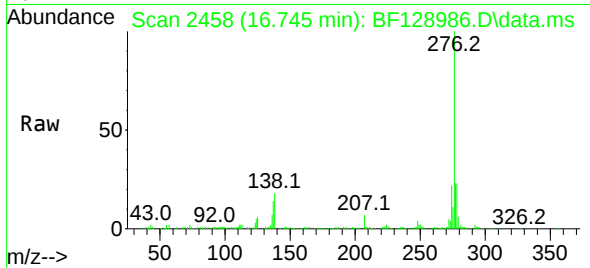




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.368 ng
RT: 16.745 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

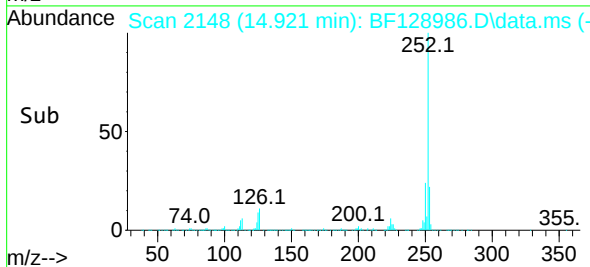
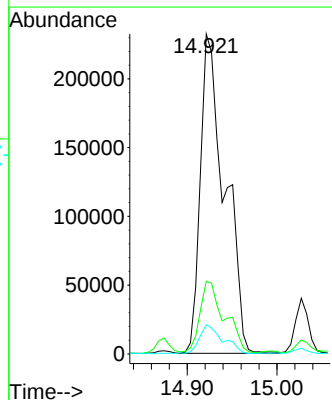
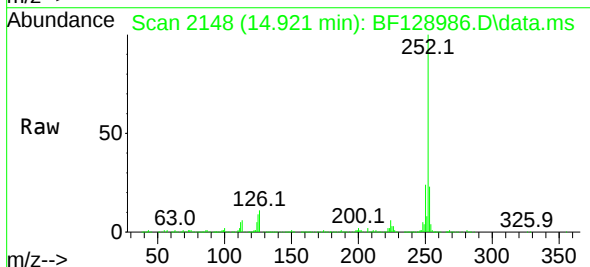
Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

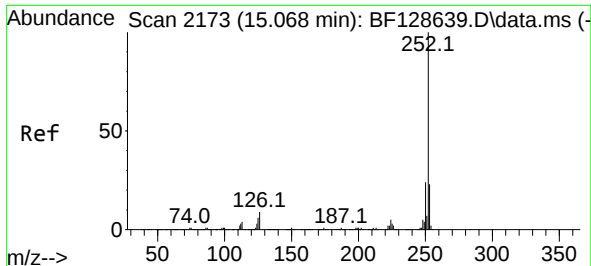
Tgt Ion:276 Resp: 129948
Ion Ratio Lower Upper
276 100
138 18.0 21.1 31.7#
277 24.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 26.668 ng
RT: 14.921 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

Tgt Ion:252 Resp: 439068
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.1 8.0 12.0

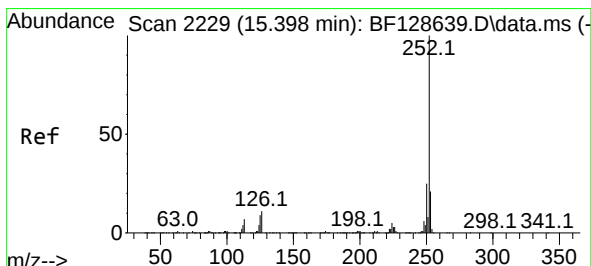
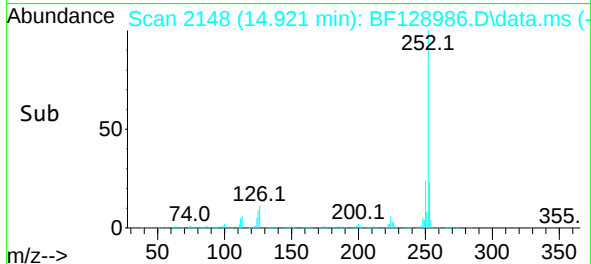
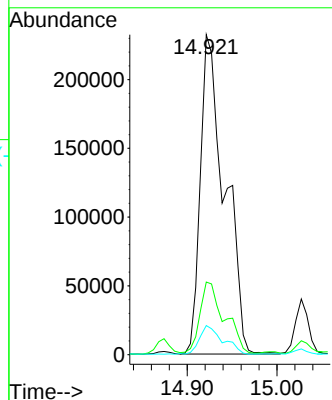
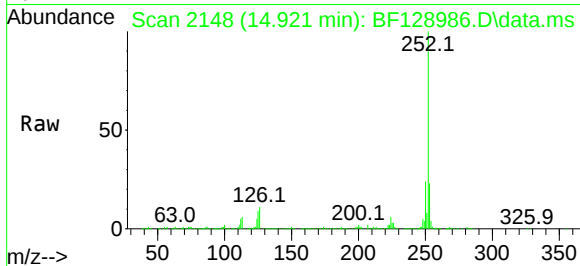




#89
Benzo(k)fluoranthene
Concen: 28.350 ng
RT: 14.921 min Scan# 2173
Delta R.T. -0.030 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

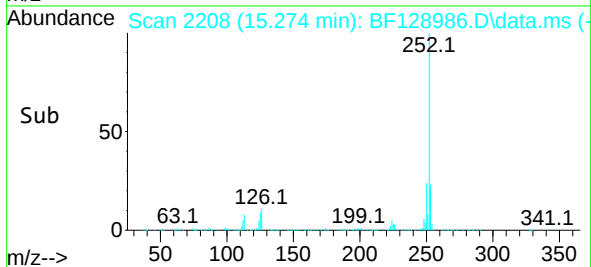
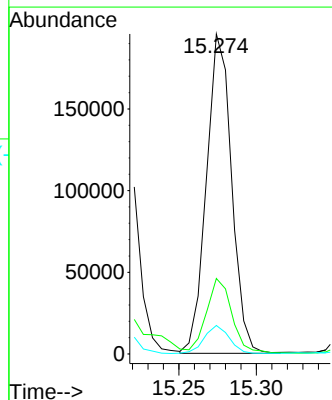
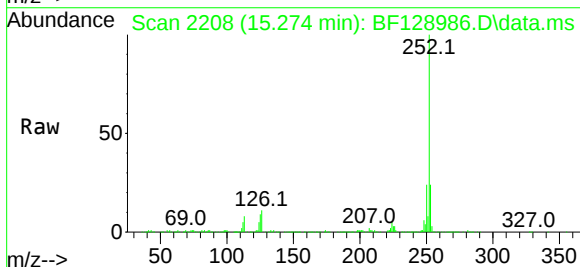
Instrument :
BNA_F
ClientSampleId :
SB-6-0-2-20220622

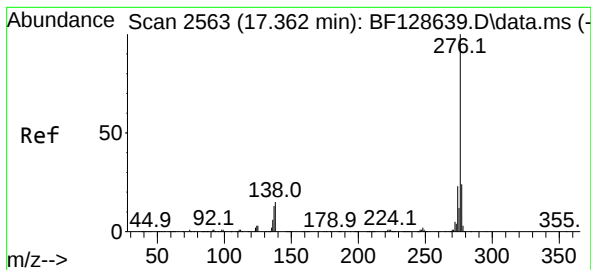
Tgt Ion:252 Resp: 439068
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 9.1 8.3 12.5



#90
Benzo(a)pyrene
Concen: 17.085 ng
RT: 15.274 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF128986.D
Acq: 24 Jun 2022 13:34

Tgt Ion:252 Resp: 221081
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 8.9 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 9.237 ng

RT: 17.174 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF128986.D

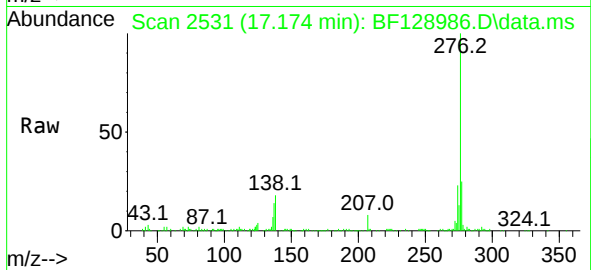
Acq: 24 Jun 2022 13:34

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:276 Resp: 117925

Ion Ratio Lower Upper

276 100

277 24.6 19.1 28.7

138 18.5 18.0 27.0

