

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
 Data File : BF128733.D
 Acq On : 08 Jun 2022 14:01
 Operator : CG\JU
 Sample : N3206-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-060322RE

Quant Time: Jun 08 14:31:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

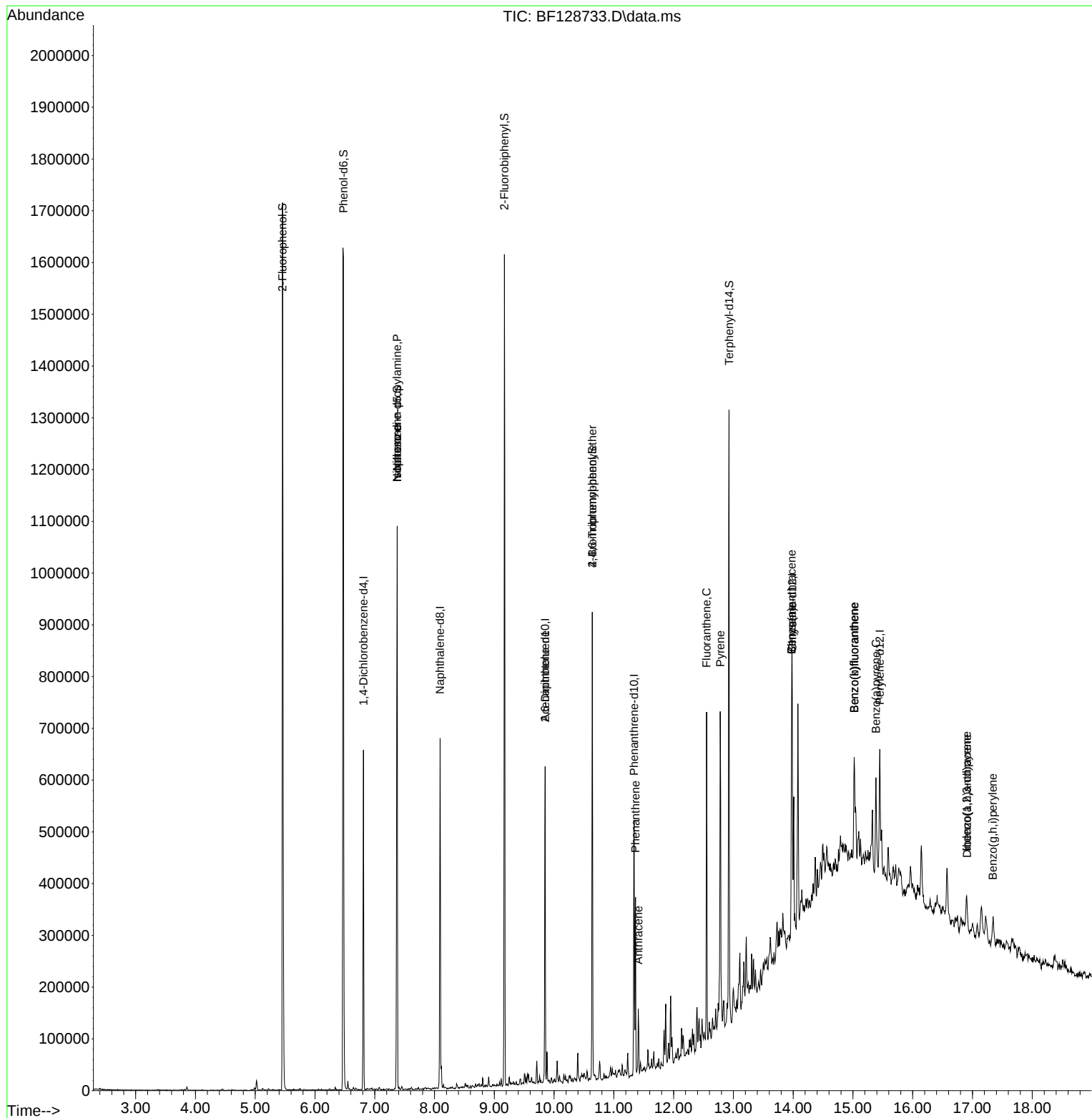
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	79175	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	239318	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	111039	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	181426	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	148028	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	105175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	400180	80.508	ng	0.00
7) Phenol-d6	6.475	99	482425	79.508	ng	0.00
23) Nitrobenzene-d5	7.375	82	293297	57.060	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	88599	67.531	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	443876	55.997	ng	0.00
79) Terphenyl-d14	12.927	244	381704	44.807	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	42197	11.185	ng	# 78
25) Isophorone	7.375	82	293292	37.569	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	14764	9.842	ng	# 26
67) 4-Bromophenyl-phenylether	10.639	248	5700	2.817	ng	# 1
71) Phenanthrene	11.363	178	120491	13.241	ng	97
72) Anthracene	11.410	178	41324	4.588	ng	99
75) Fluoranthene	12.551	202	228015	23.971	ng	96
78) Pyrene	12.780	202	242633	22.031	ng	100
81) Benzo(a)anthracene	13.974	228	116860	12.665	ng	94
83) Chrysene	13.974	228	116860	13.284	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	40742	6.427	ng	# 87
88) Benzo(b)fluoranthene	15.021	252	143119	21.296	ng	97
89) Benzo(k)fluoranthene	15.021	252	143119	22.638	ng	98
90) Benzo(a)pyrene	15.386	252	81775	15.481	ng	96
91) Dibenzo(a,h)anthracene	16.909	278	10654	2.026	ng	# 70
92) Benzo(g,h,i)perylene	17.339	276	42574	8.169	ng	95

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

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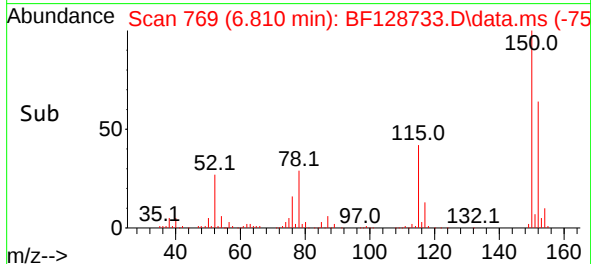
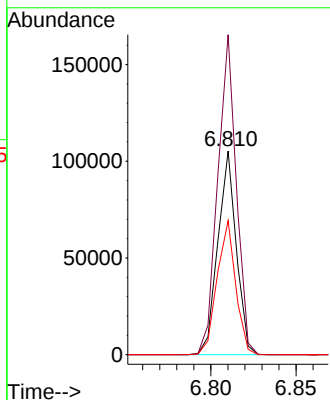
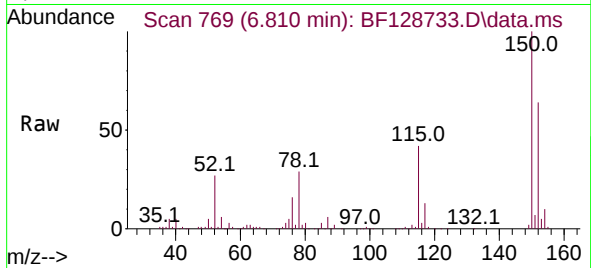




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

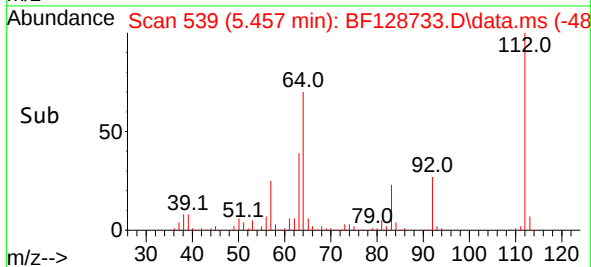
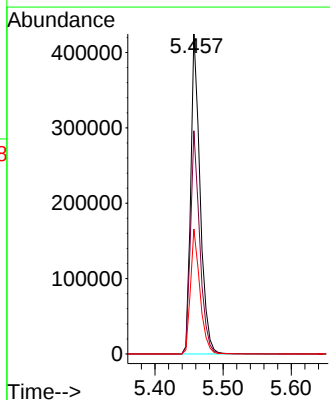
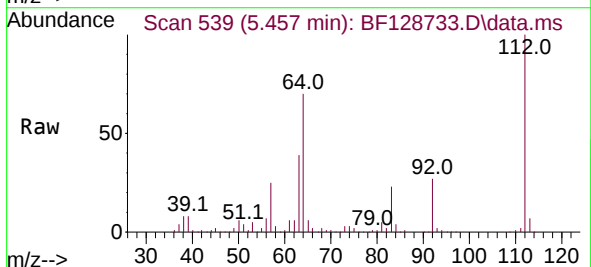
Instrument :
BNA_F
ClientSampleId :
CL-01-060322RE

Tgt Ion:152 Resp: 79175
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 65.9 49.9 74.9



#5
2-Fluorophenol
Concen: 80.508 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Tgt Ion:112 Resp: 400180
Ion Ratio Lower Upper
112 100
64 69.7 53.3 79.9
63 39.1 28.0 42.0

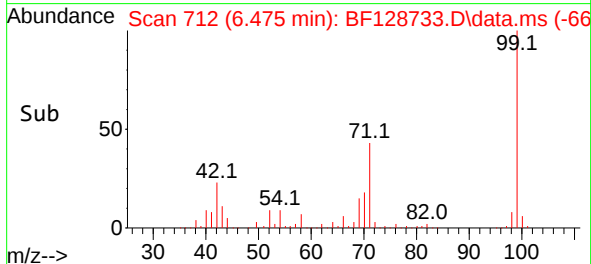
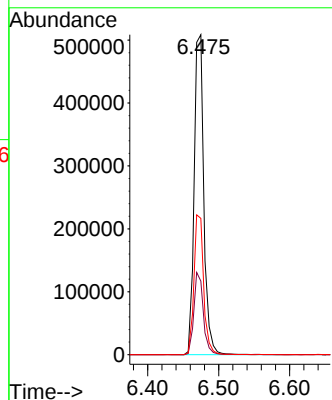
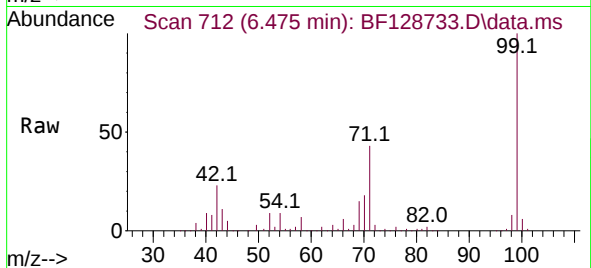




#7
Phenol-d6
Concen: 79.508 ng
RT: 6.475 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

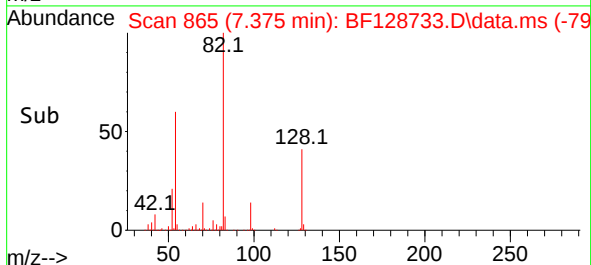
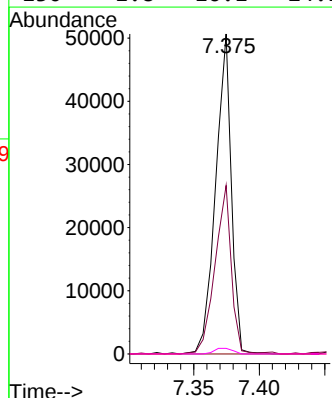
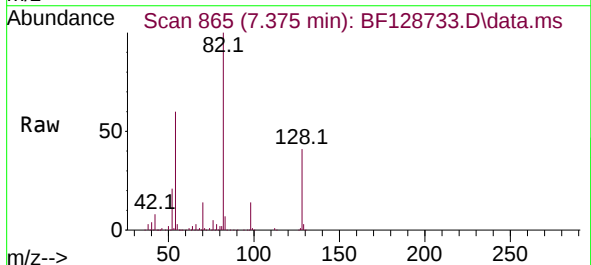
Instrument :
BNA_F
ClientSampleId :
CL-01-060322RE

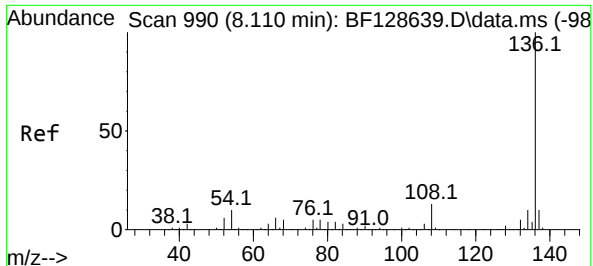
Tgt Ion: 99 Resp: 482425
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 42.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.185 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.141 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Tgt Ion: 70 Resp: 42197
Ion Ratio Lower Upper
70 100
42 52.7 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

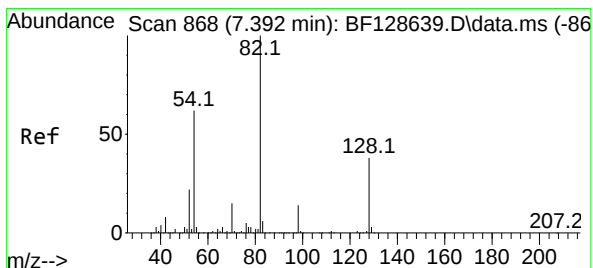
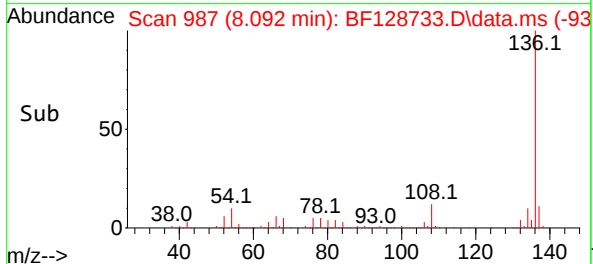
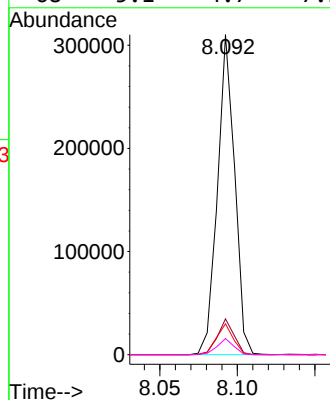
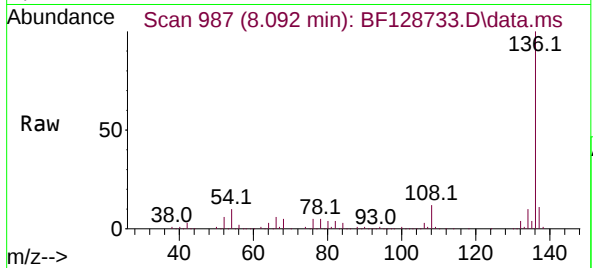




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

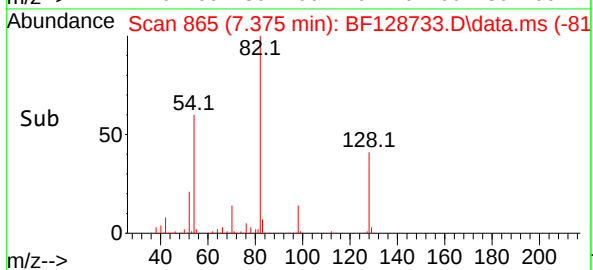
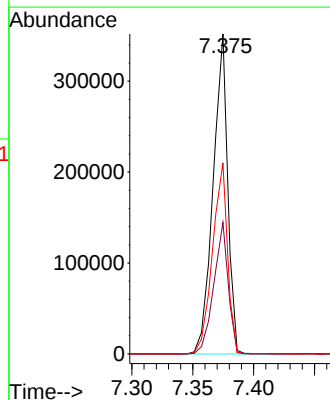
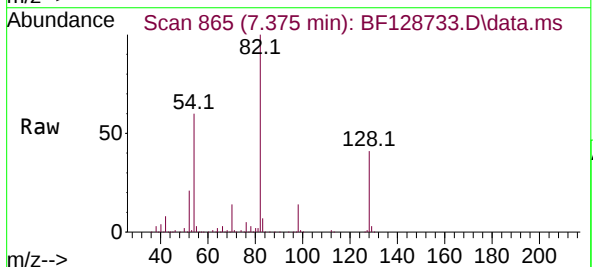
Instrument :
BNA_F
ClientSampleId :
CL-01-060322RE

Tgt Ion:136	Resp: 239318
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 9.6	7.5 11.3
68 5.1	4.7 7.1



#23
Nitrobenzene-d5
Concen: 57.060 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Tgt Ion: 82	Resp: 293297
Ion Ratio	Lower Upper
82 100	
128 41.1	34.0 51.0
54 59.7	46.9 70.3

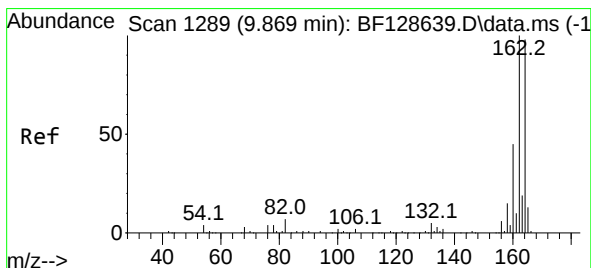
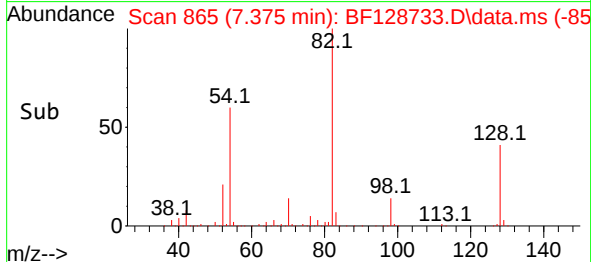
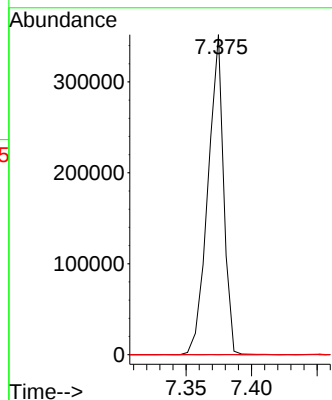
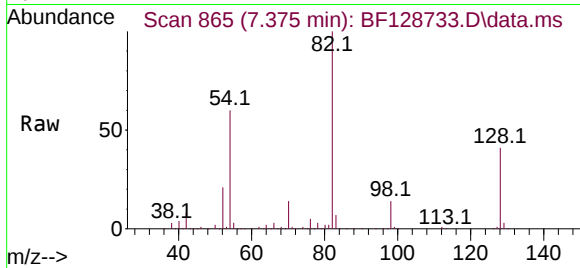




#25
Isophorone
Concen: 37.569 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

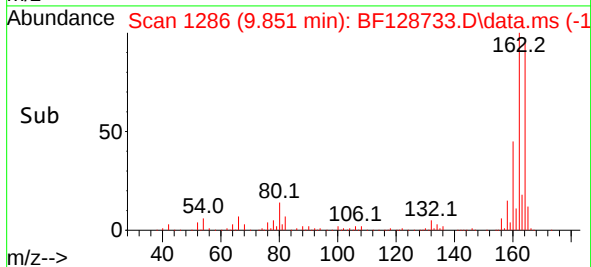
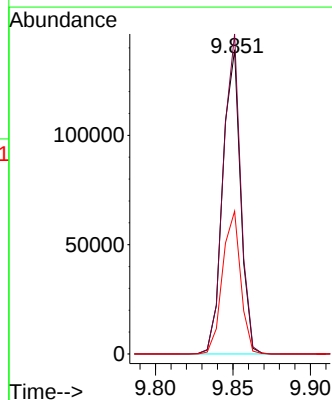
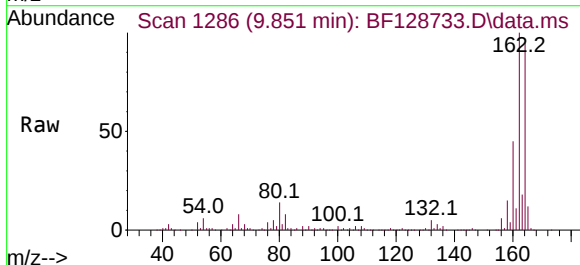
Instrument :
BNA_F
ClientSampleId :
CL-01-060322RE

Tgt Ion: 82 Resp: 293292
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: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Tgt Ion:164 Resp: 111039
Ion Ratio Lower Upper
164 100
162 105.2 79.5 119.3
160 46.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 67.531 ng

RT: 10.639 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128733.D

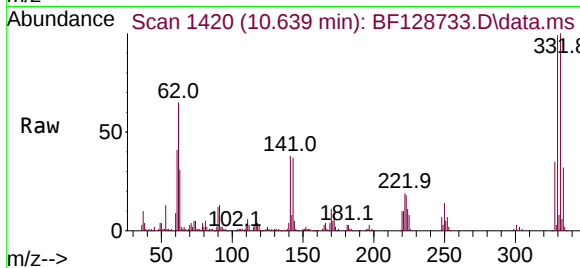
Acq: 08 Jun 2022 14:01

Instrument :

BNA_F

ClientSampleId :

CL-01-060322RE



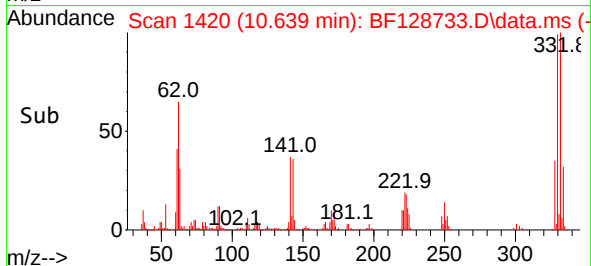
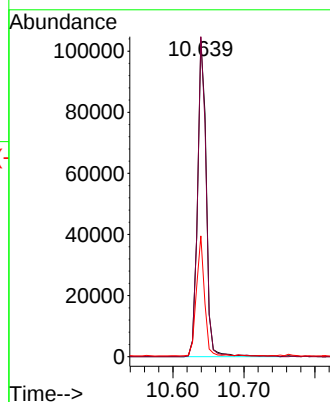
Tgt Ion:330 Resp: 88599

Ion Ratio Lower Upper

330 100

332 97.9 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 55.997 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF128733.D

Acq: 08 Jun 2022 14:01

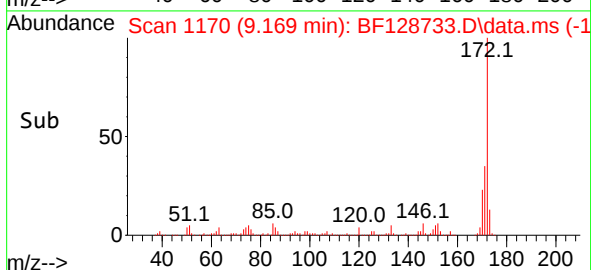
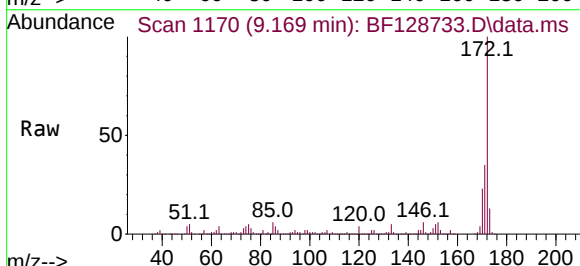
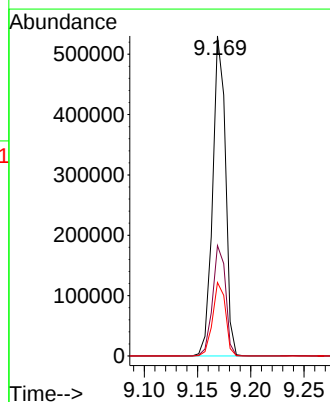
Tgt Ion:172 Resp: 443876

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 22.9 19.8 29.8

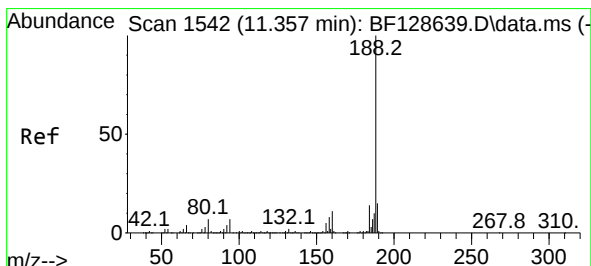
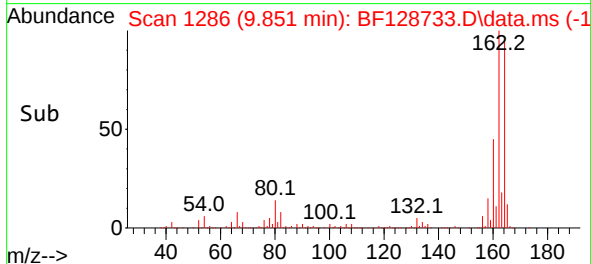
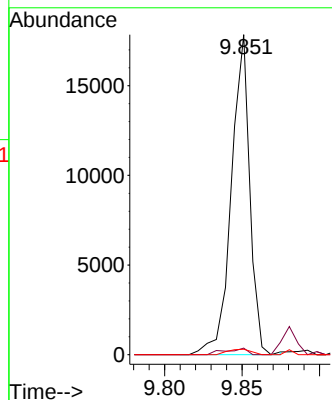
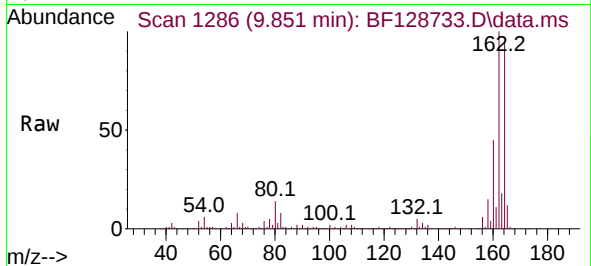




#51
2,6-Dinitrotoluene
Concen: 9.842 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

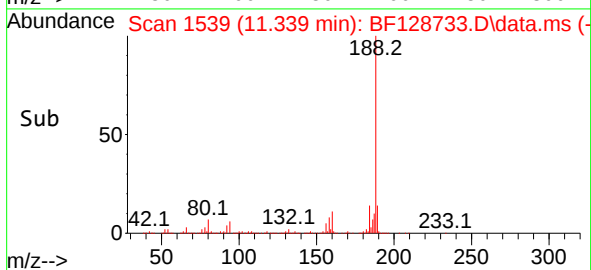
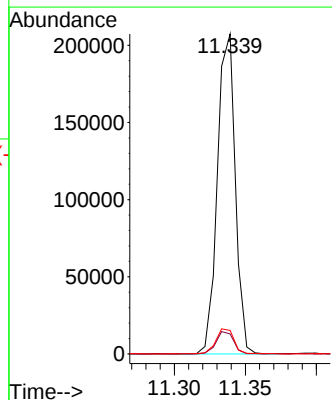
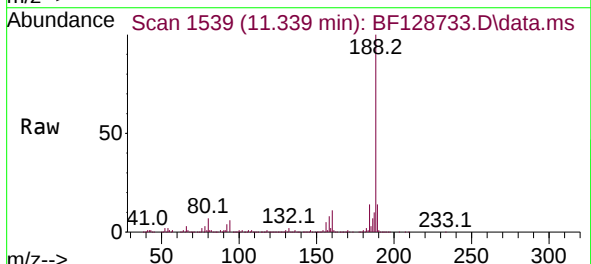
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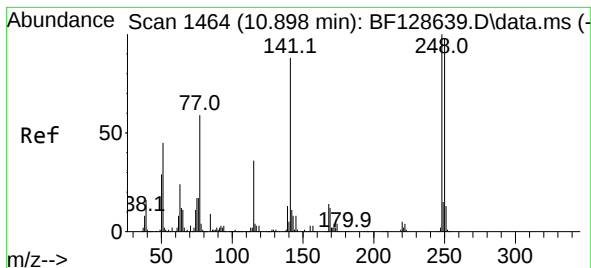
Tgt Ion:165 Resp: 14764
Ion Ratio Lower Upper
165 100
63 2.1 44.9 67.3#
89 1.7 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Tgt Ion:188 Resp: 181426
Ion Ratio Lower Upper
188 100
94 6.3 7.0 10.6#
80 7.4 7.6 11.4#

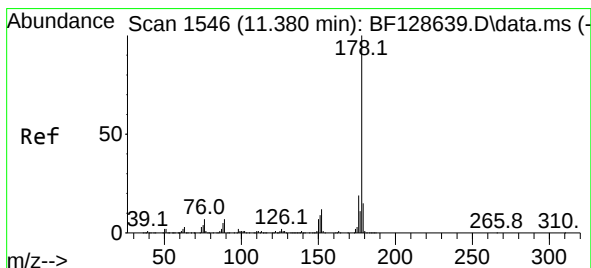
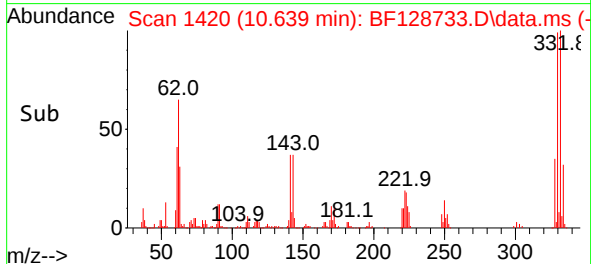
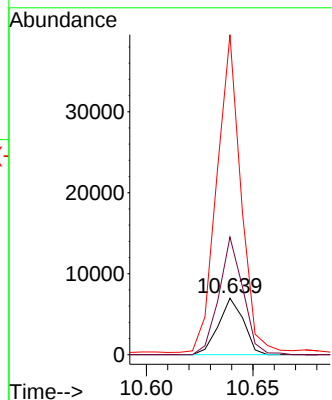
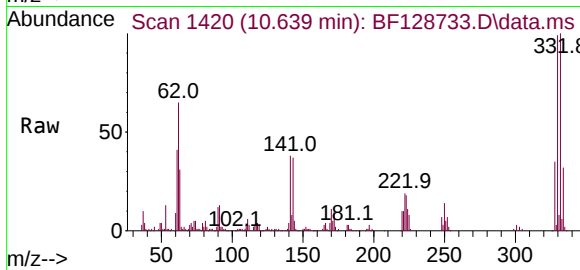




#67
4-Bromophenyl-phenylether
Concen: 2.817 ng
RT: 10.639 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

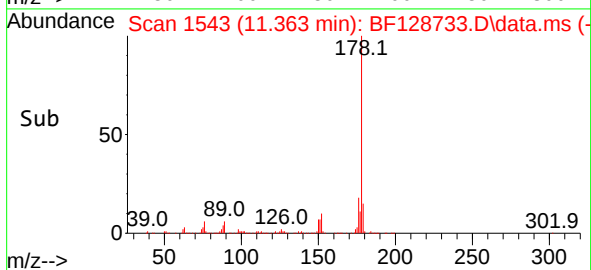
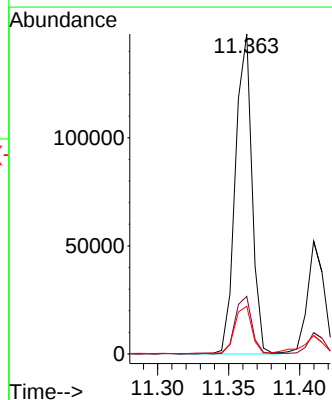
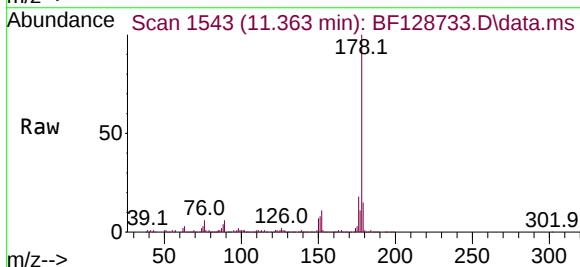
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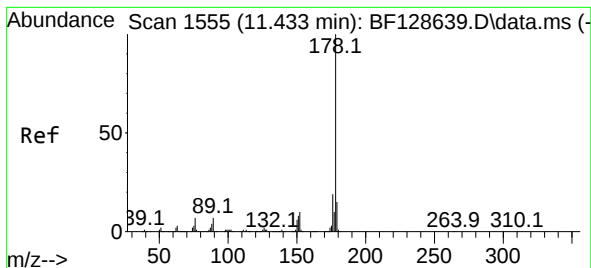
Tgt Ion:248 Resp: 5700
Ion Ratio Lower Upper
248 100
250 208.4 80.6 120.8#
141 566.8 58.9 88.3#



#71
Phenanthrene
Concen: 13.241 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Tgt Ion:178 Resp: 120491
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 14.9 12.6 19.0





#72

Anthracene

Concen: 4.588 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128733.D

Acq: 08 Jun 2022 14:01

Instrument :

BNA_F

ClientSampleId :

CL-01-060322RE

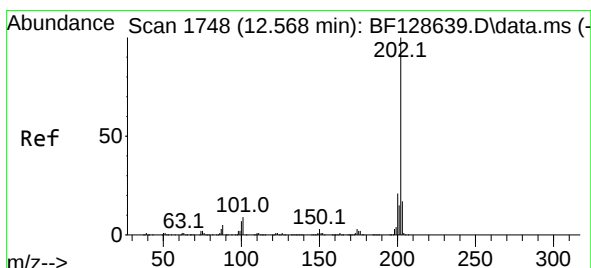
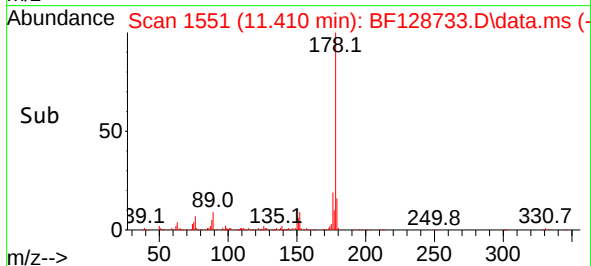
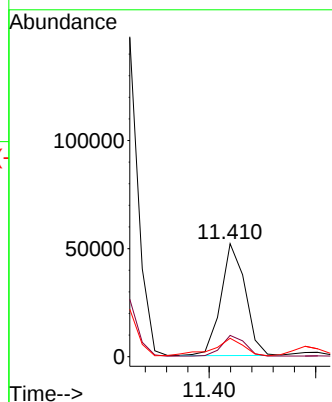
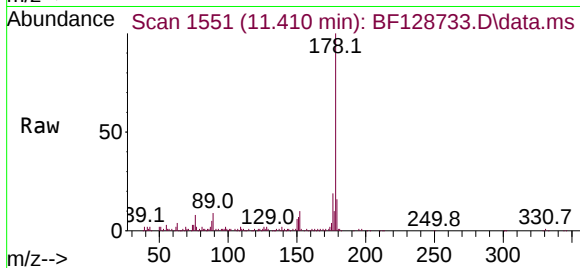
Tgt Ion:178 Resp: 41324

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 16.2 12.6 19.0



#75

Fluoranthene

Concen: 23.971 ng

RT: 12.551 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BF128733.D

Acq: 08 Jun 2022 14:01

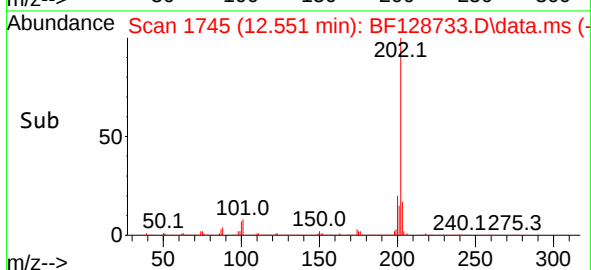
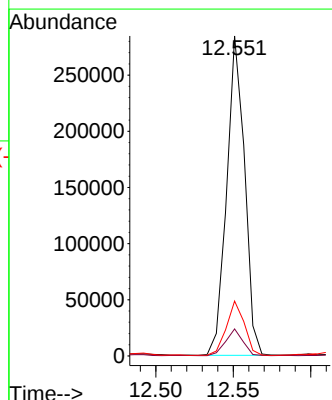
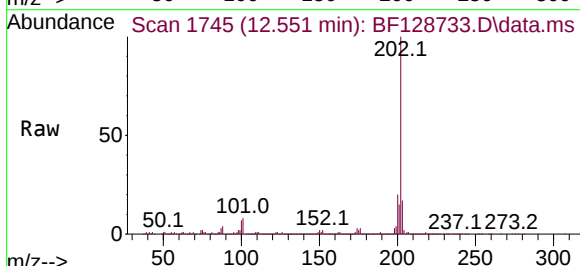
Tgt Ion:202 Resp: 228015

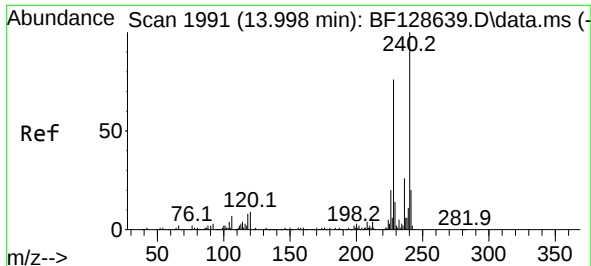
Ion Ratio Lower Upper

202 100

101 8.4 0.0 31.4

203 17.2 0.0 38.0

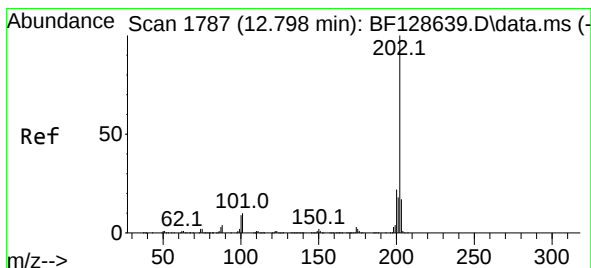
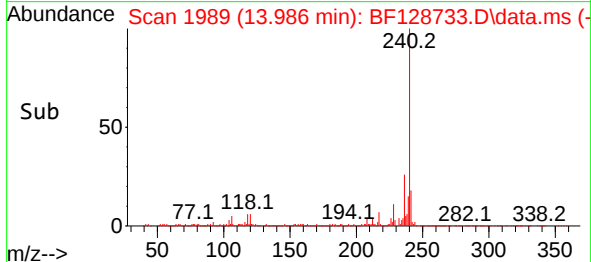
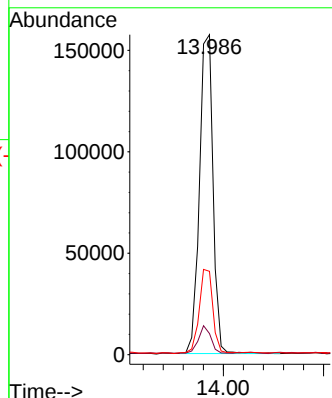
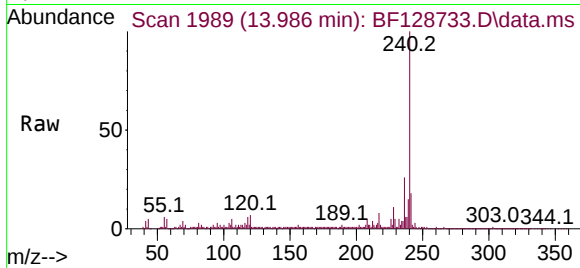




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

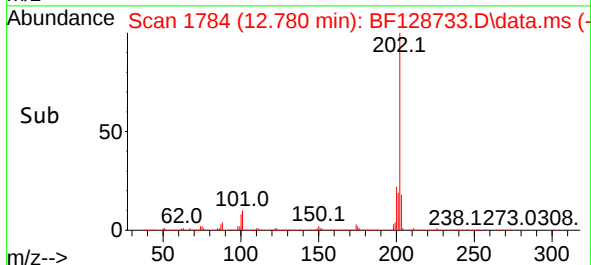
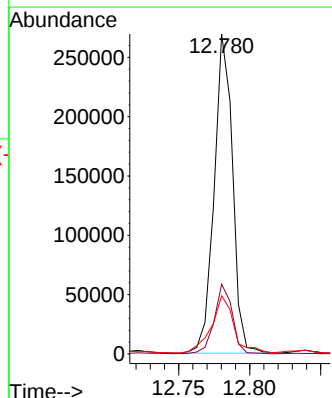
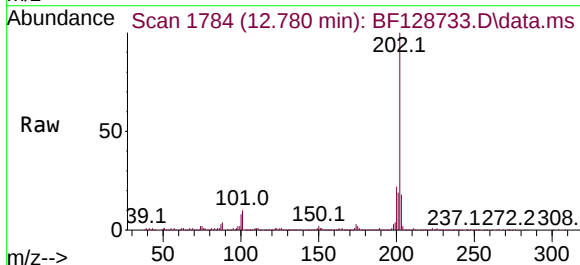
Instrument :
BNA_F
ClientSampleId :
CL-01-060322RE

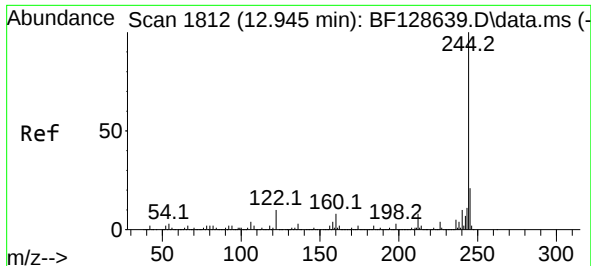
Tgt Ion:240 Resp: 148028
Ion Ratio Lower Upper
240 100
120 6.6 8.9 13.3#
236 26.0 20.8 31.2



#78
Pyrene
Concen: 22.031 ng
RT: 12.780 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Tgt Ion:202 Resp: 242633
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.2 14.6 21.8

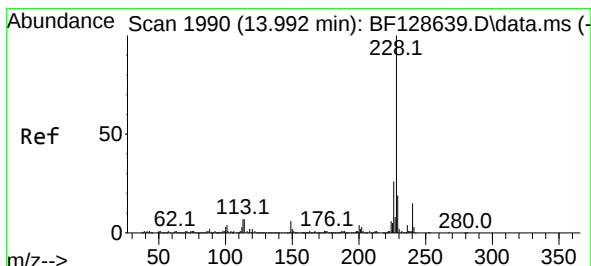
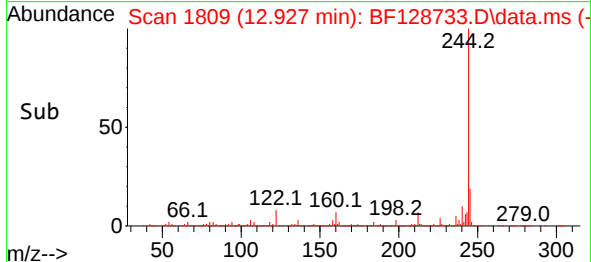
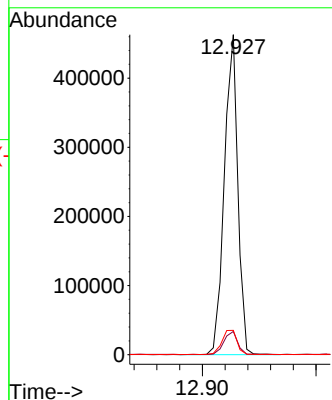
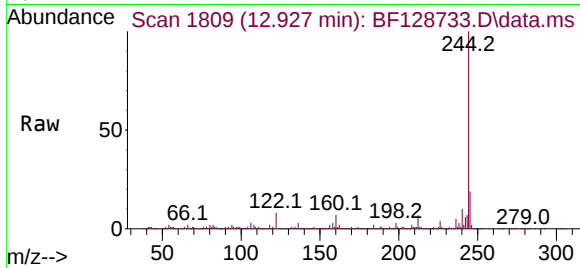




#79
 Terphenyl-d14
 Concen: 44.807 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BF128733.D
 Acq: 08 Jun 2022 14:01

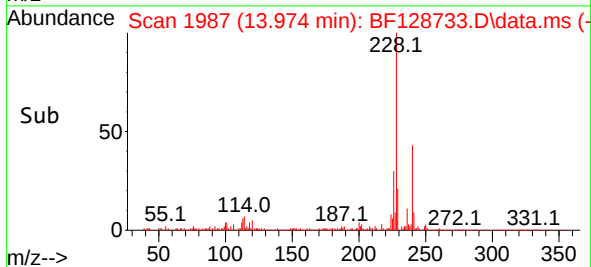
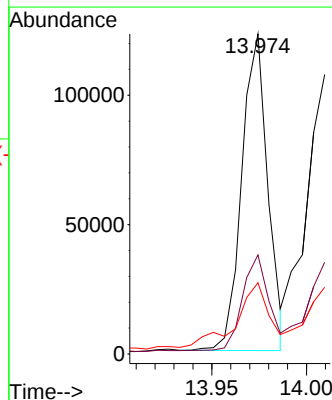
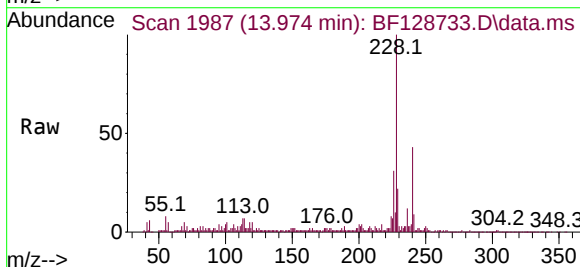
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-060322RE

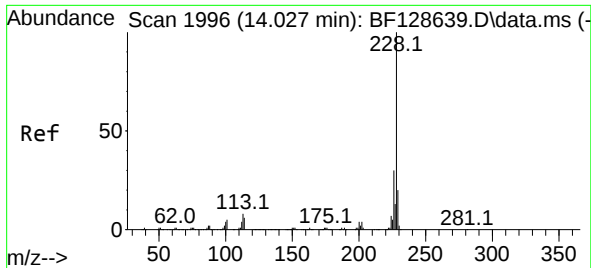
Tgt Ion:244 Resp: 381704
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 7.6 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 12.665 ng
 RT: 13.974 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BF128733.D
 Acq: 08 Jun 2022 14:01

Tgt Ion:228 Resp: 116860
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.1 33.1
 229 22.2 15.8 23.8

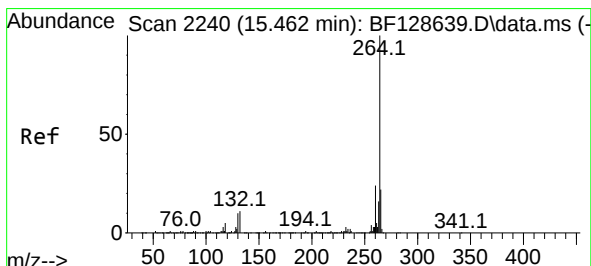
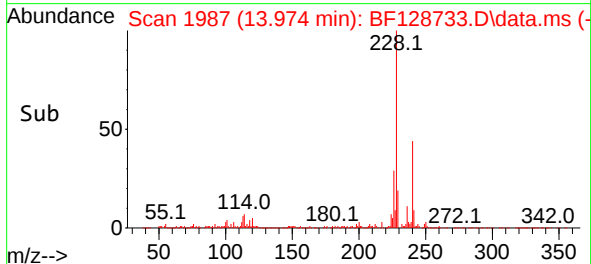
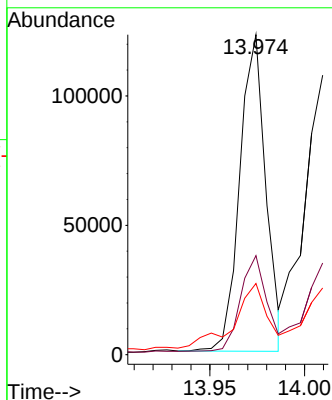
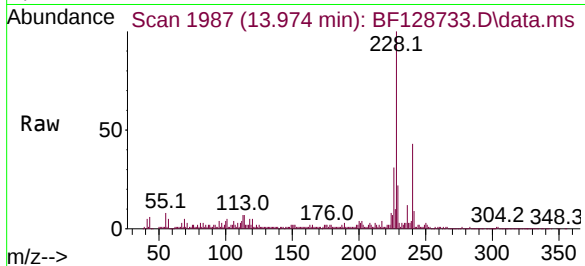




#83
Chrysene
Concen: 13.284 ng
RT: 13.974 min Scan# 1996
Delta R.T. -0.041 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

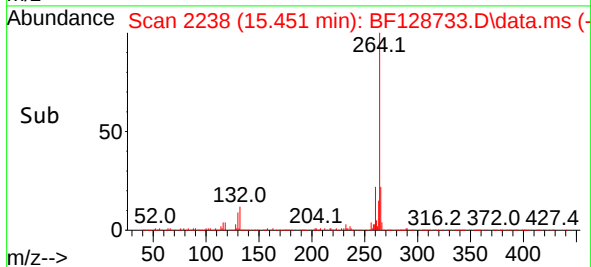
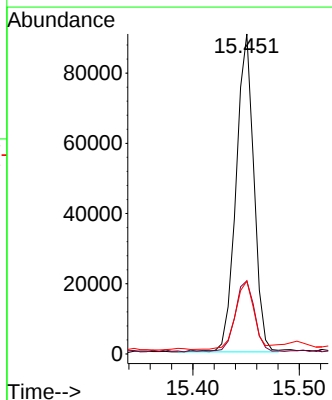
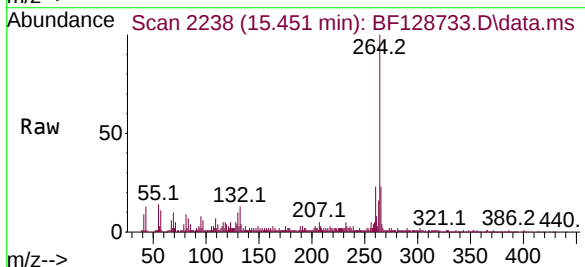
Instrument :
BNA_F
ClientSampleId :
CL-01-060322RE

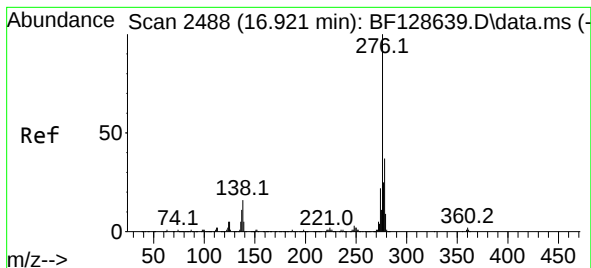
Tgt Ion:228 Resp: 116860
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.2 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2238
Delta R.T. 0.006 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Tgt Ion:264 Resp: 105175
Ion Ratio Lower Upper
264 100
260 22.9 18.4 27.6
265 22.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.427 ng

RT: 16.904 min Scan# 2488

Delta R.T. 0.006 min

Lab File: BF128733.D

Acq: 08 Jun 2022 14:01

Instrument :

BNA_F

ClientSampleId :

CL-01-060322RE

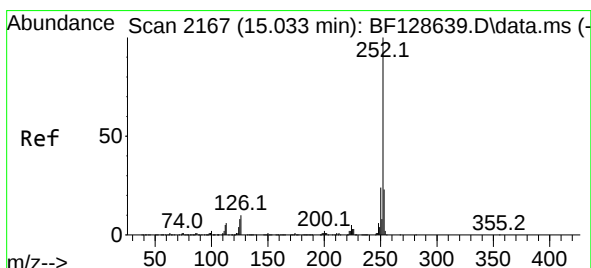
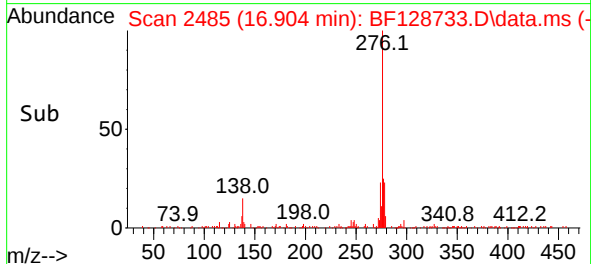
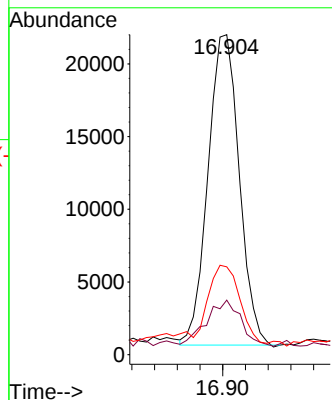
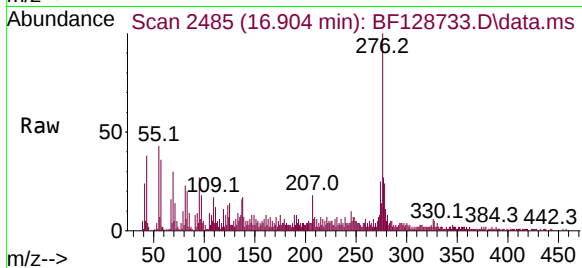
Tgt Ion:276 Resp: 40742

Ion Ratio Lower Upper

276 100

138 16.4 21.1 31.7#

277 29.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 21.296 ng

RT: 15.021 min Scan# 2165

Delta R.T. -0.000 min

Lab File: BF128733.D

Acq: 08 Jun 2022 14:01

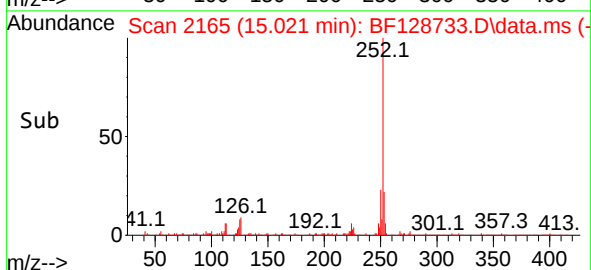
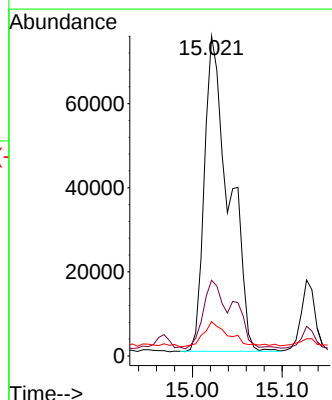
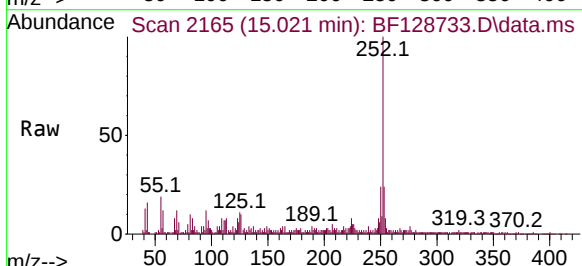
Tgt Ion:252 Resp: 143119

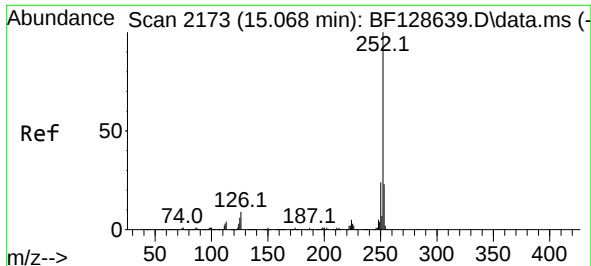
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 10.7 8.0 12.0

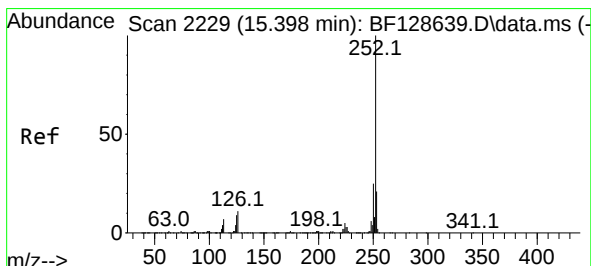
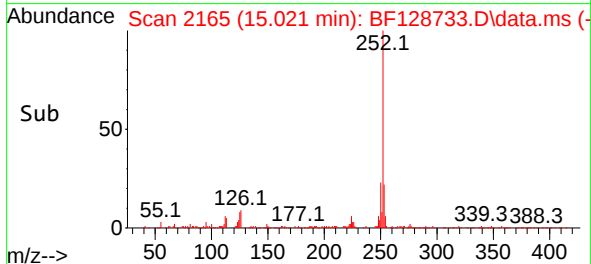
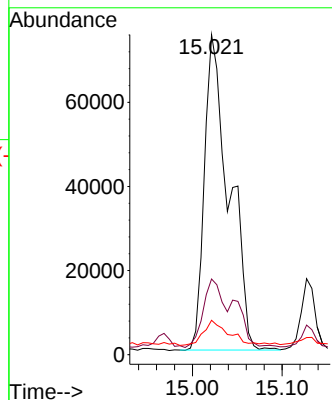
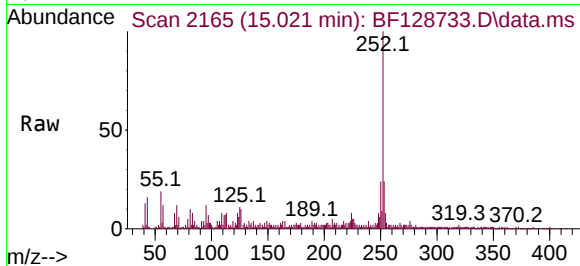




#89
Benzo(k)fluoranthene
Concen: 22.638 ng
RT: 15.021 min Scan# 2173
Delta R.T. -0.030 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

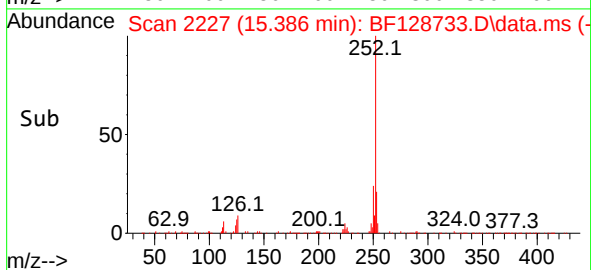
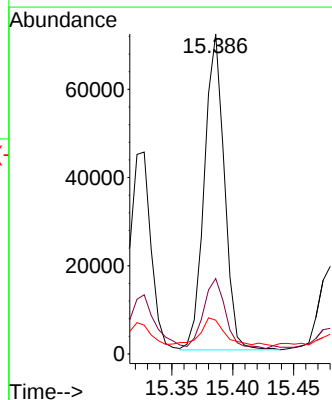
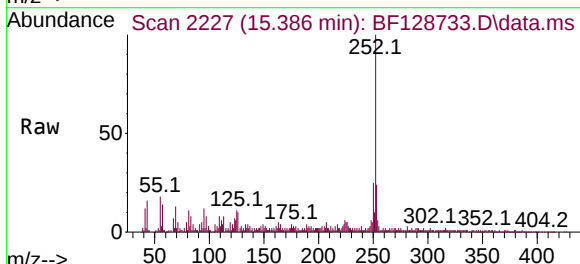
Instrument :
BNA_F
ClientSampleId :
CL-01-060322RE

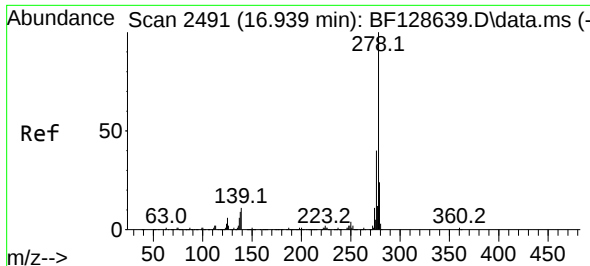
Tgt Ion:252 Resp: 143119
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 10.7 8.3 12.5



#90
Benzo(a)pyrene
Concen: 15.481 ng
RT: 15.386 min Scan# 2227
Delta R.T. -0.000 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Tgt Ion:252 Resp: 81775
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 10.6 8.8 13.2

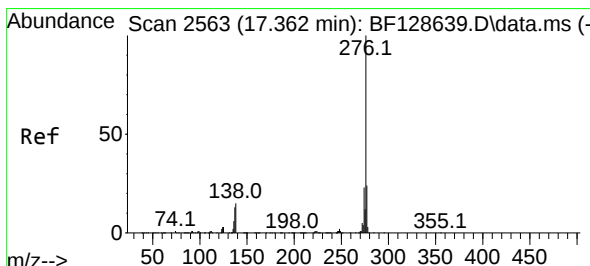
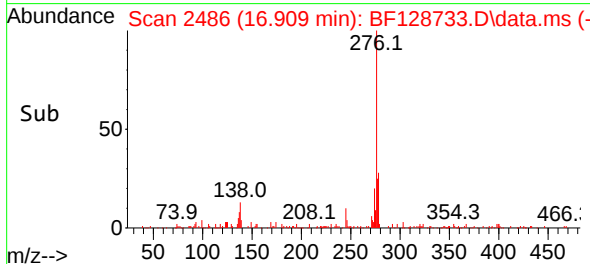
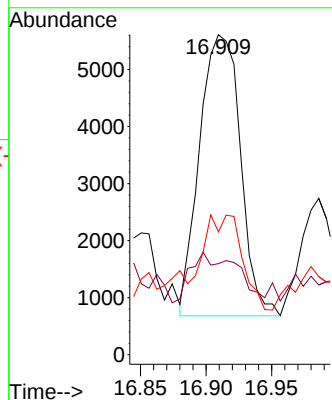
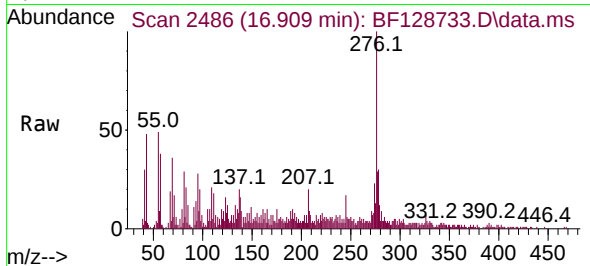




#91
Dibenzo(a,h)anthracene
Concen: 2.026 ng
RT: 16.909 min Scan# 2491
Delta R.T. -0.006 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Instrument :
BNA_F
ClientSampleId :
CL-01-060322RE

Tgt Ion:278 Resp: 10654
Ion Ratio Lower Upper
278 100
139 28.5 12.8 19.2#
279 38.4 18.6 28.0#



#92
Benzo(g,h,i)perylene
Concen: 8.169 ng
RT: 17.339 min Scan# 2559
Delta R.T. -0.000 min
Lab File: BF128733.D
Acq: 08 Jun 2022 14:01

Tgt Ion:276 Resp: 42574
Ion Ratio Lower Upper
276 100
277 25.2 19.1 28.7
138 18.7 18.0 27.0

