

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128821.D
 Acq On : 15 Jun 2022 12:37
 Operator : CG\JU
 Sample : N3327-05DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-WMR-COMP-3DL

Quant Time: Jun 15 13:15:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

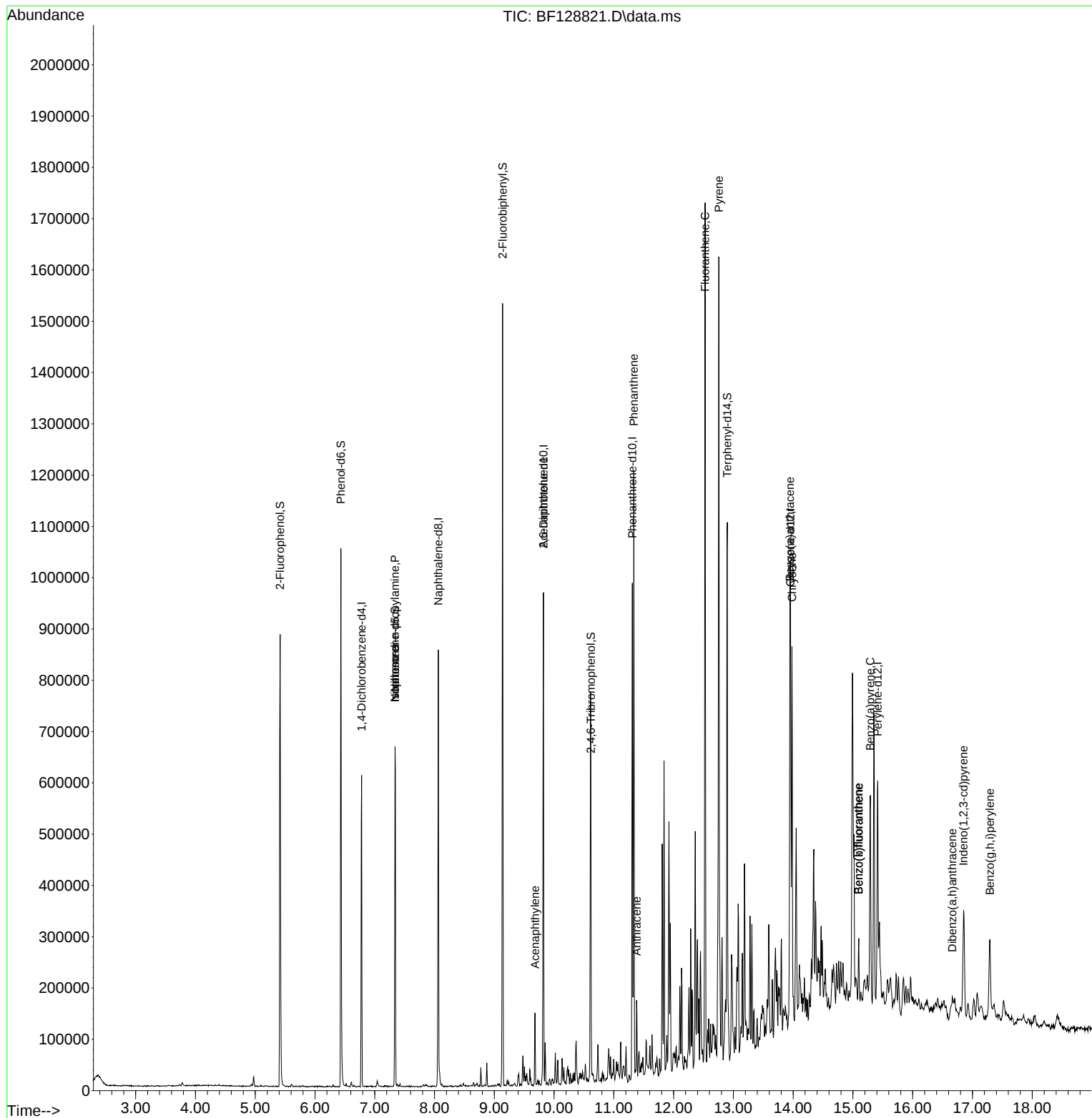
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	82537	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	316066	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	181196	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	330450	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	180822	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	191439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	219038	42.271	ng	0.00
7) Phenol-d6	6.434	99	284166	44.926	ng	0.00
23) Nitrobenzene-d5	7.340	82	200846	29.586	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	84669	39.548	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	402915	31.149	ng	0.00
79) Terphenyl-d14	12.898	244	352099	33.835	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	29211	7.428	ng	# 77
25) Isophorone	7.340	82	200843	19.480	ng	# 65
49) Acenaphthylene	9.681	152	45928	2.892	ng	98
51) 2,6-Dinitrotoluene	9.822	165	24259	9.910	ng	# 25
71) Phenanthrene	11.333	178	385103	23.234	ng	98
72) Anthracene	11.380	178	56470	3.442	ng	99
75) Fluoranthene	12.527	202	602979	34.803	ng	97
78) Pyrene	12.757	202	636746	47.331	ng	99
81) Benzo(a)anthracene	13.945	228	283289	25.134	ng	95
83) Chrysene	13.980	228	282167	26.258	ng	97
87) Indeno(1,2,3-cd)pyrene	16.851	276	131318	11.381	ng	# 89
88) Benzo(b)fluoranthene	15.098	252	59851	4.893	ng	94
89) Benzo(k)fluoranthene	15.098	252	59851	5.201	ng	94
90) Benzo(a)pyrene	15.292	252	192755	20.048	ng	97
91) Dibenzo(a,h)anthracene	16.662	278	25103	2.623	ng	94
92) Benzo(g,h,i)perylene	17.292	276	126744	13.362	ng	# 91

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

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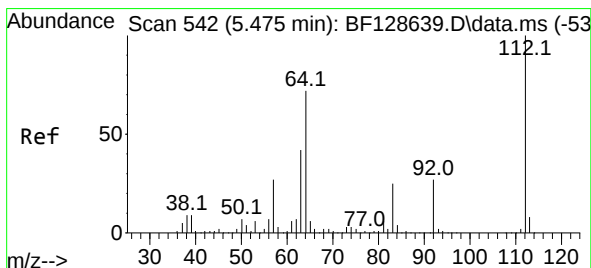
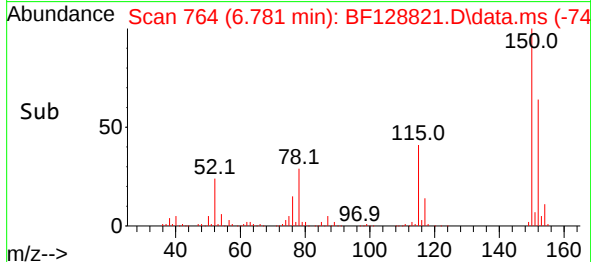
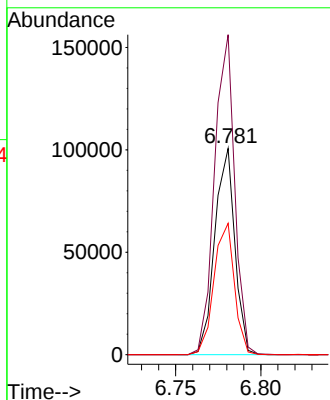
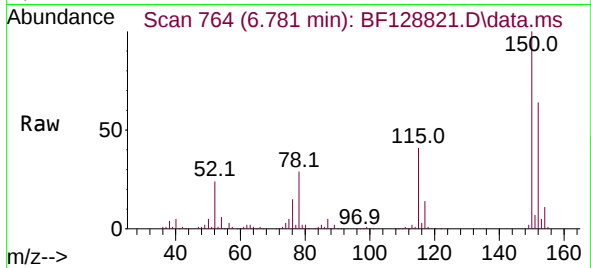




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

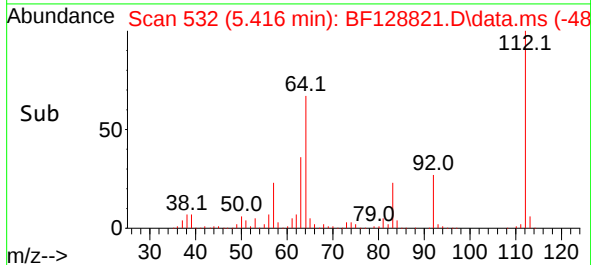
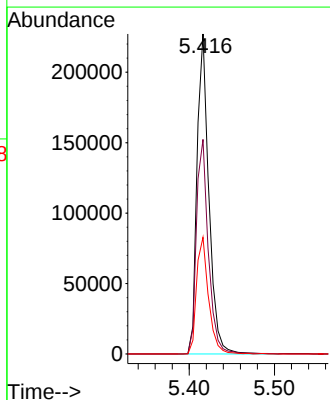
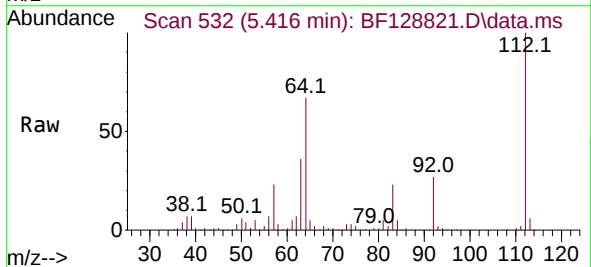
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3DL

Tgt Ion:152 Resp: 82537
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 42.271 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Tgt Ion:112 Resp: 219038
Ion Ratio Lower Upper
112 100
64 67.1 53.3 79.9
63 36.4 28.0 42.0

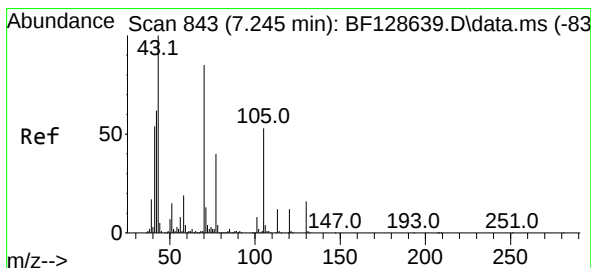
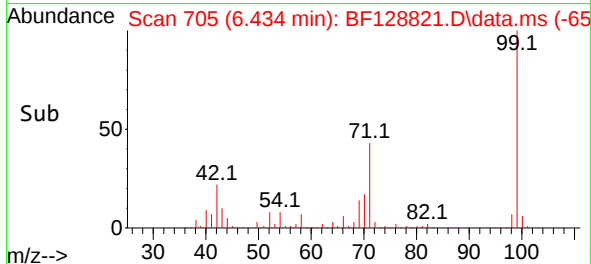
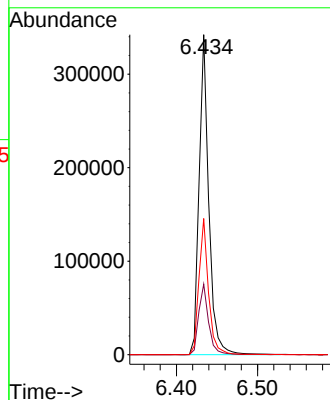
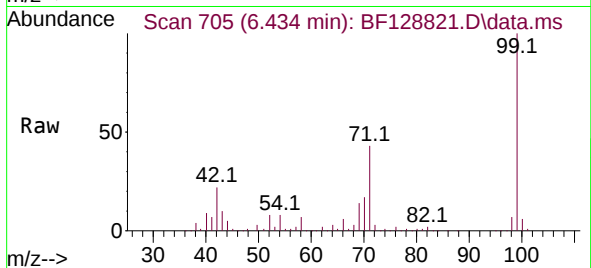




#7
Phenol-d6
Concen: 44.926 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

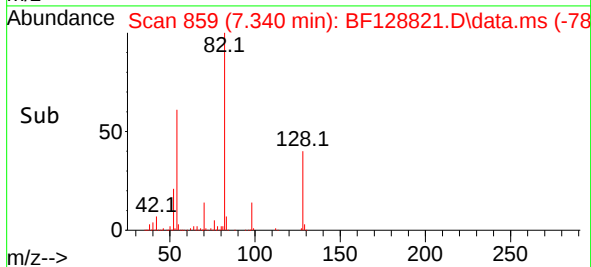
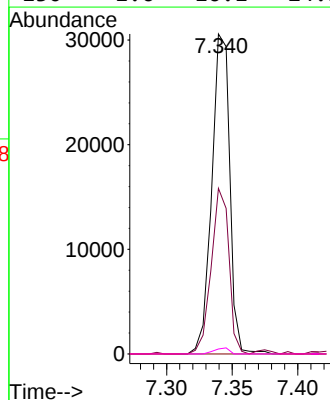
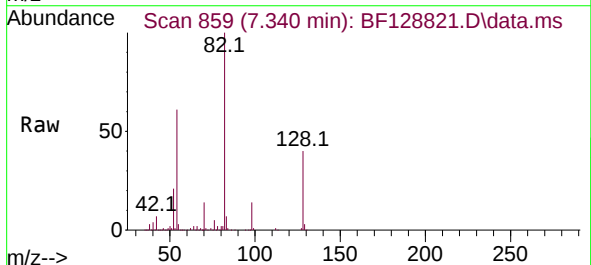
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3DL

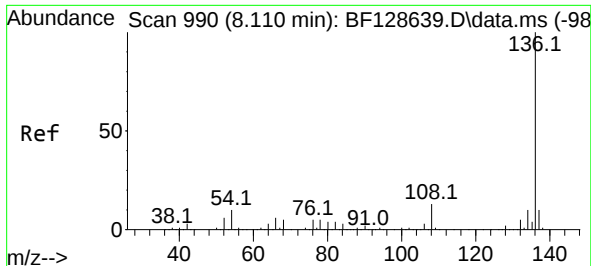
Tgt Ion: 99 Resp: 284166
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 42.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 7.428 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.135 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

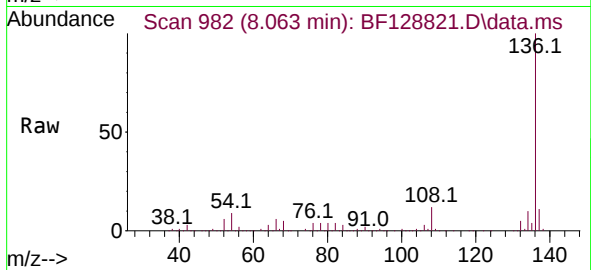
Tgt Ion: 70 Resp: 29211
Ion Ratio Lower Upper
70 100
42 51.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#



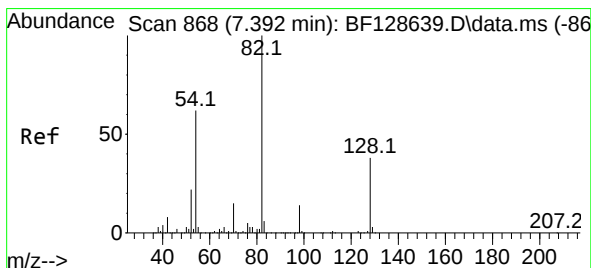
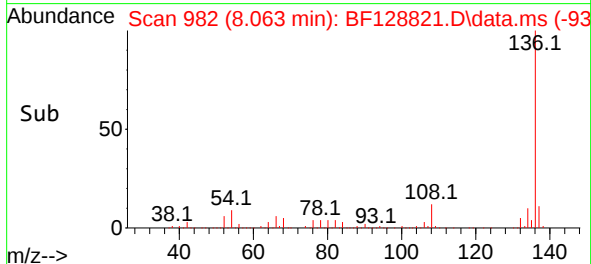
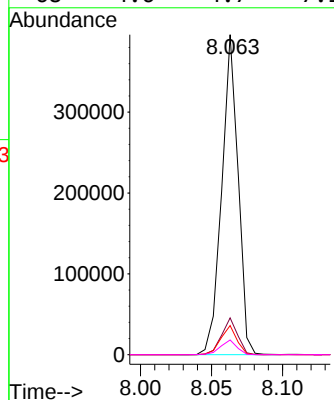


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3DL

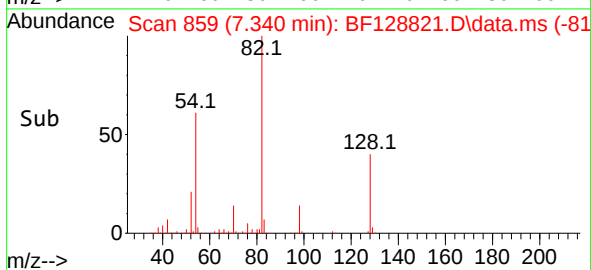
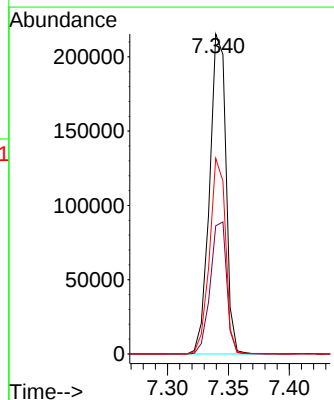
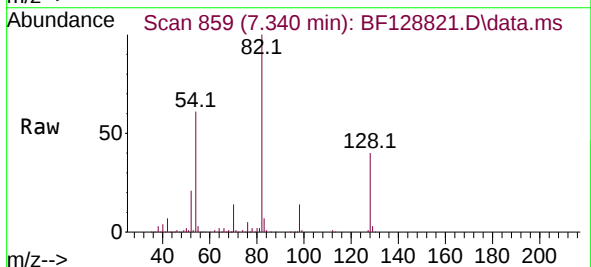


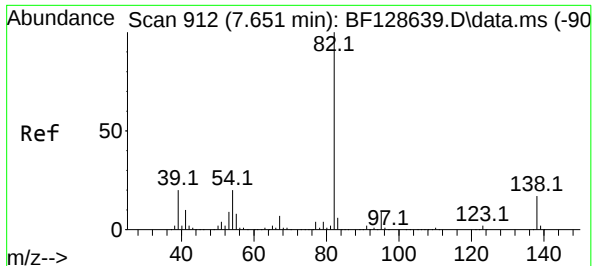
Tgt Ion:136 Resp: 316066
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 9.1 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 29.586 ng
RT: 7.340 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Tgt Ion: 82 Resp: 200846
Ion Ratio Lower Upper
82 100
128 40.0 34.0 51.0
54 61.1 46.9 70.3

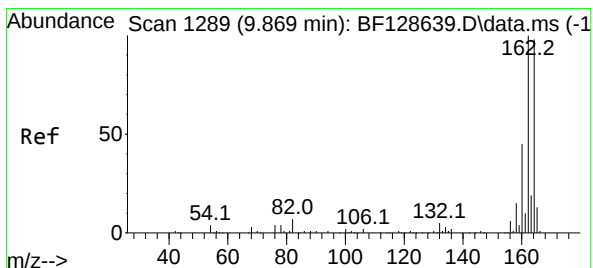
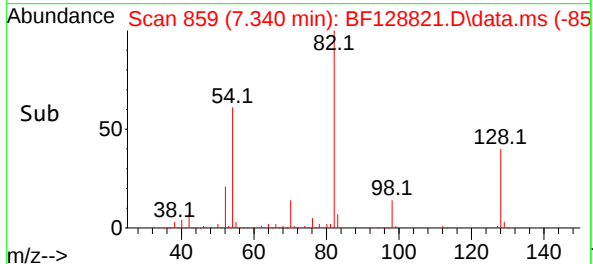
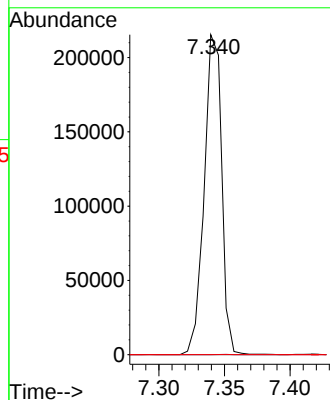
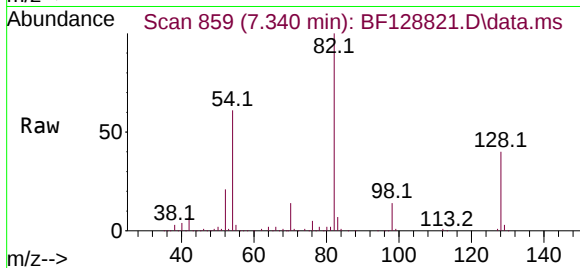




#25
Isophorone
Concen: 19.480 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

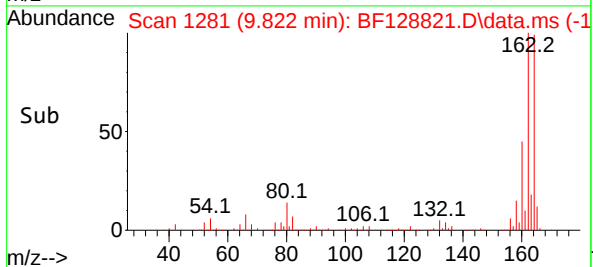
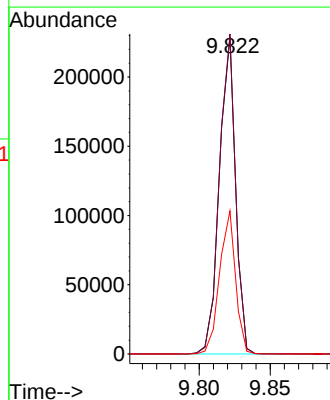
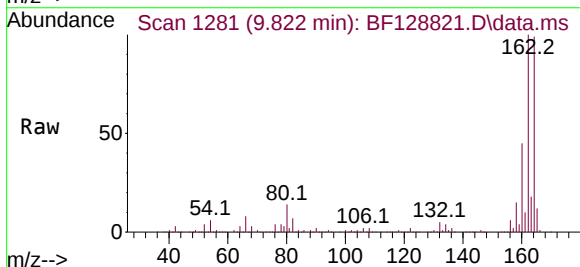
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3DL

Tgt Ion: 82 Resp: 200843
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: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Tgt Ion:164 Resp: 181196
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 39.548 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128821.D

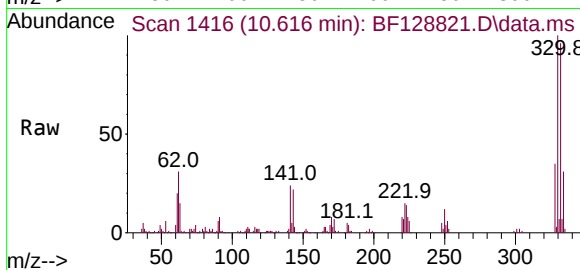
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Instrument :

BNA_F

ClientSampleId :

EW-WMR-COMP-3DL



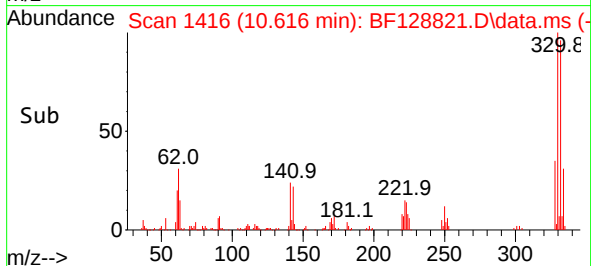
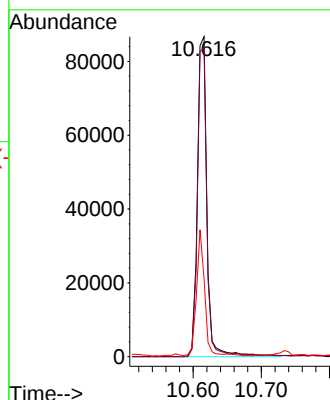
Tgt Ion:330 Resp: 84669

Ion Ratio Lower Upper

330 100

332 93.8 76.8 115.2

141 32.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 31.149 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128821.D

Acq: 15 Jun 2022 12:37

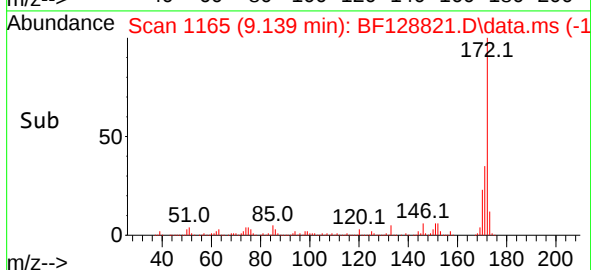
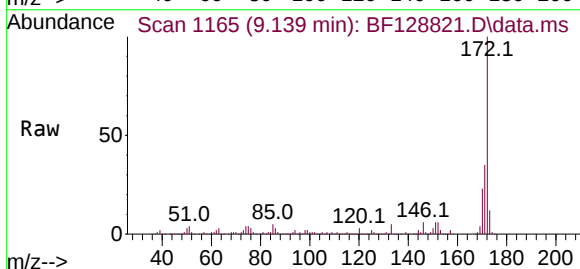
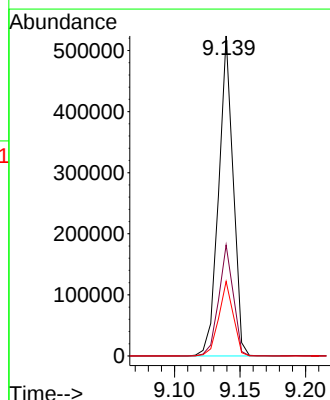
Tgt Ion:172 Resp: 402915

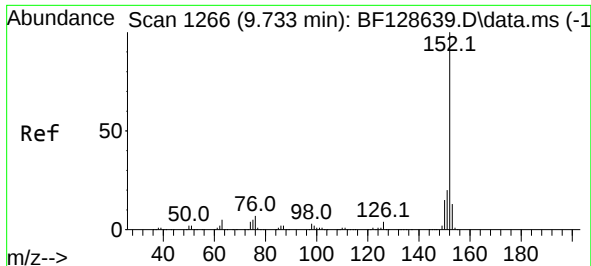
Ion Ratio Lower Upper

172 100

171 34.7 28.8 43.2

170 23.3 19.8 29.8

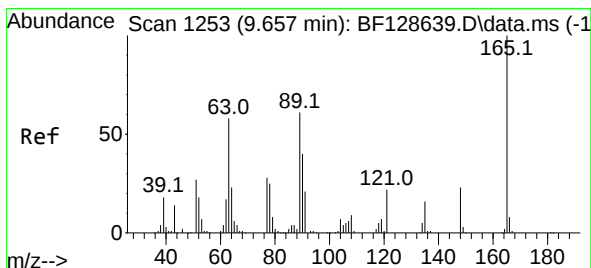
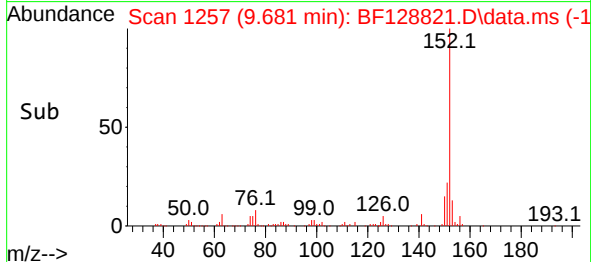
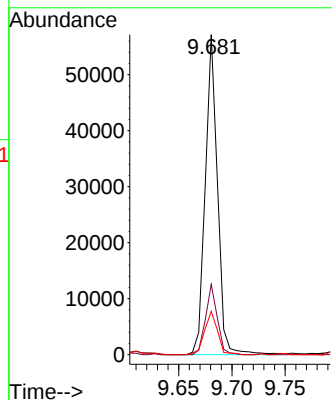
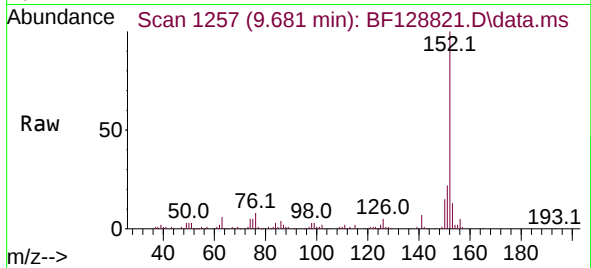




#49
Acenaphthylene
Concen: 2.892 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

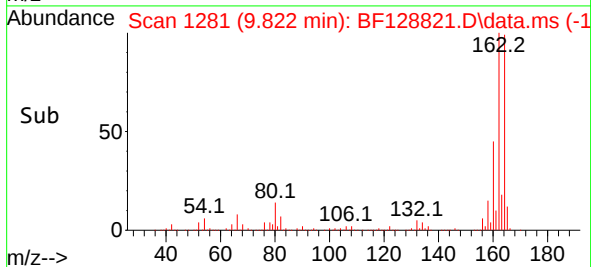
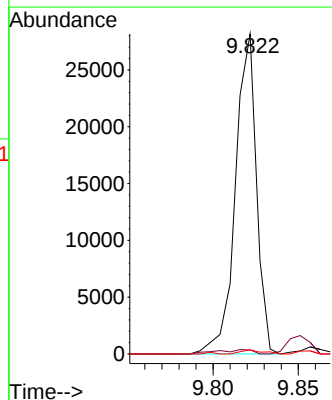
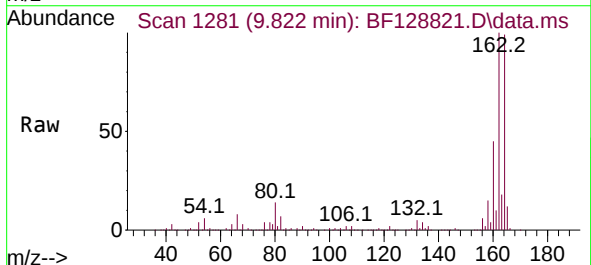
Instrument :
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EW-WMR-COMP-3DL

Tgt Ion:152 Resp: 45928
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.4
153 13.5 10.7 16.1



#51
2,6-Dinitrotoluene
Concen: 9.910 ng
RT: 9.822 min Scan# 1281
Delta R.T. 0.206 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Tgt Ion:165 Resp: 24259
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.3 43.6 65.4#

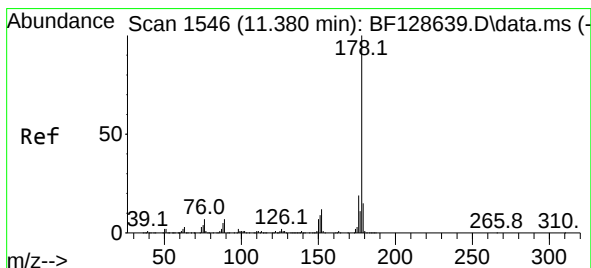
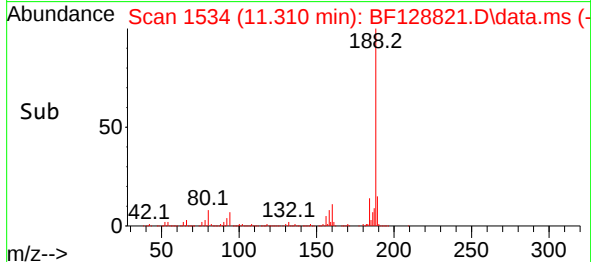
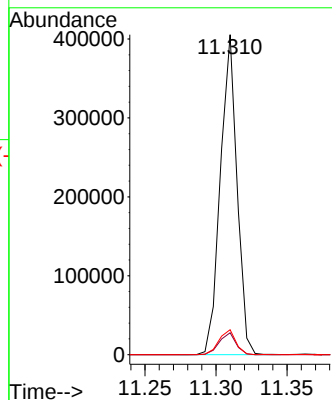
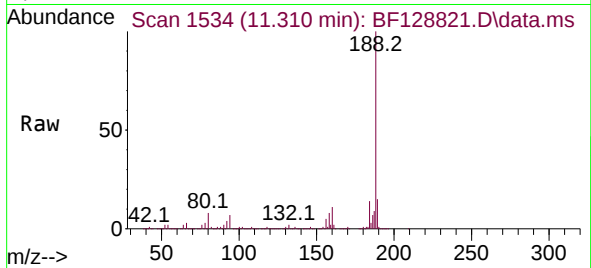




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

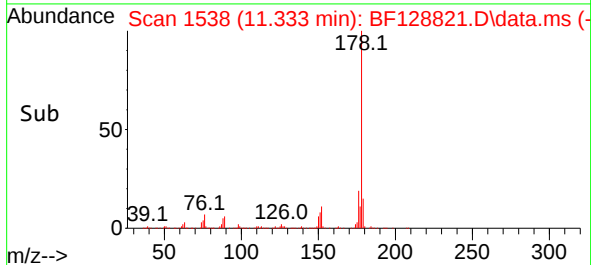
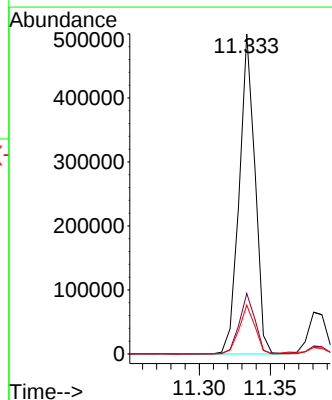
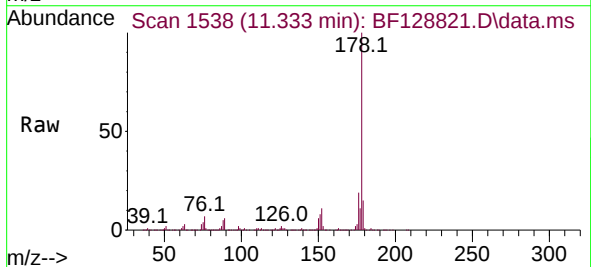
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3DL

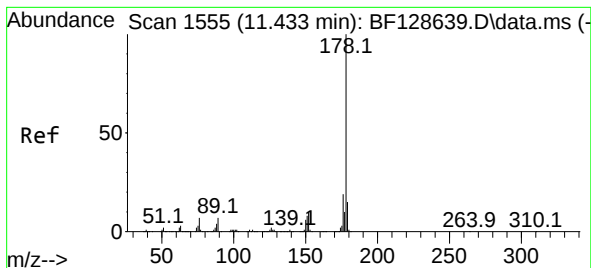
Tgt Ion:188 Resp: 330450
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 7.8 7.6 11.4



#71
Phenanthrene
Concen: 23.234 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Tgt Ion:178 Resp: 385103
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.2 12.6 19.0





#72

Anthracene

Concen: 3.442 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128821.D

Acq: 15 Jun 2022 12:37

Instrument :

BNA_F

ClientSampleId :

EW-WMR-COMP-3DL

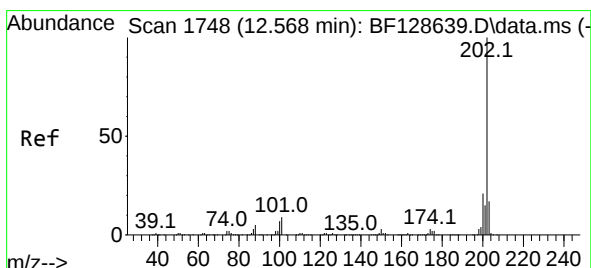
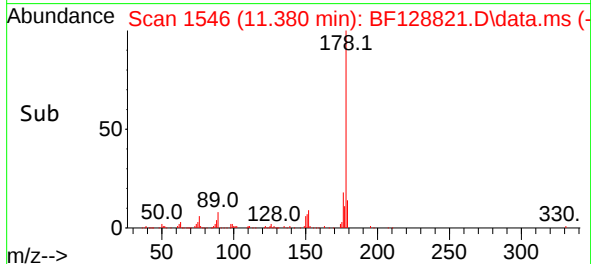
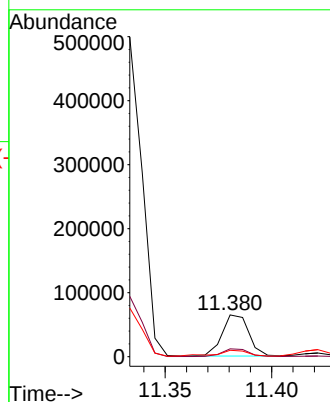
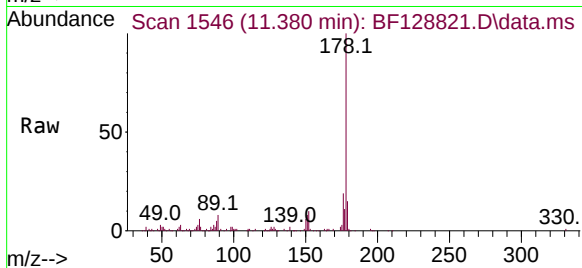
Tgt Ion:178 Resp: 56470

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.4 12.6 19.0



#75

Fluoranthene

Concen: 34.803 ng

RT: 12.527 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BF128821.D

Acq: 15 Jun 2022 12:37

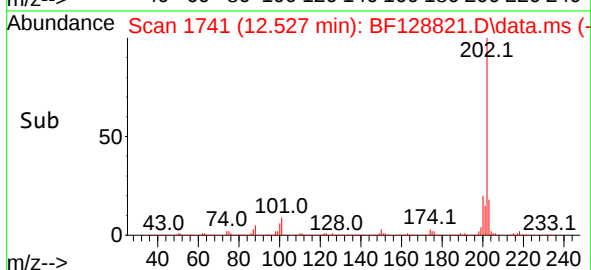
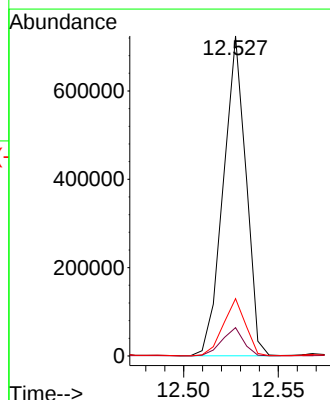
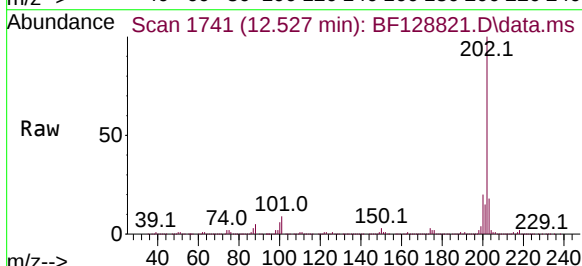
Tgt Ion:202 Resp: 602979

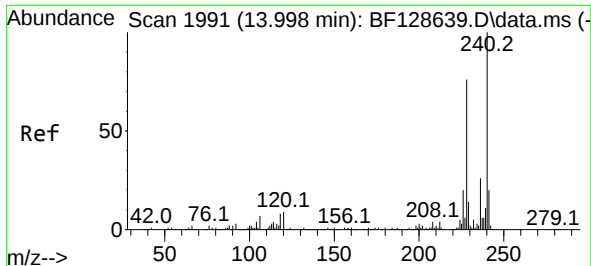
Ion Ratio Lower Upper

202 100

101 8.9 0.0 31.4

203 17.9 0.0 38.0

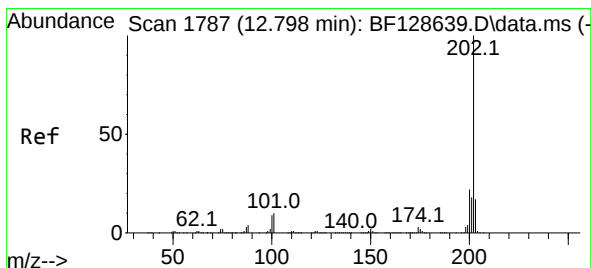
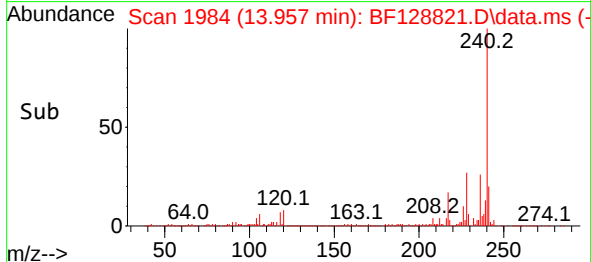
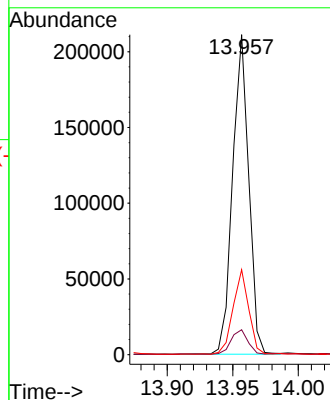
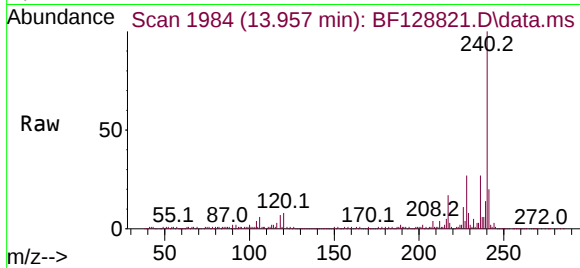




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

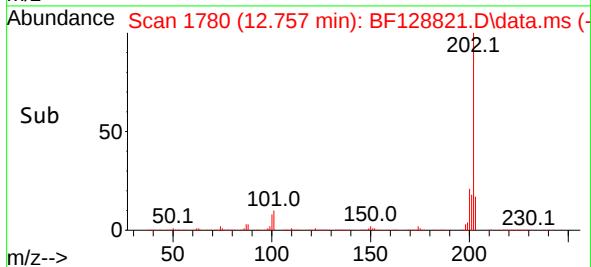
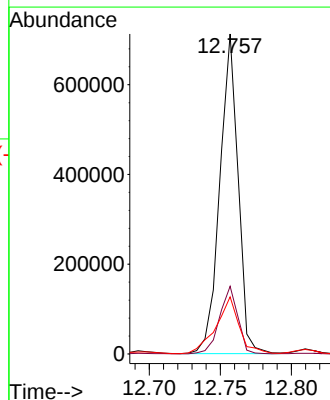
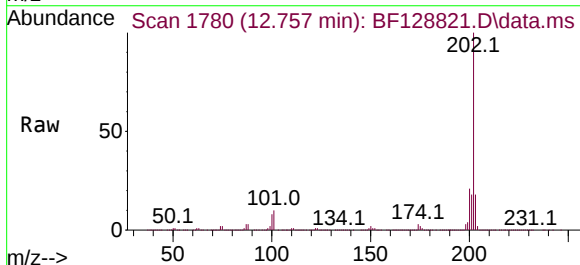
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3DL

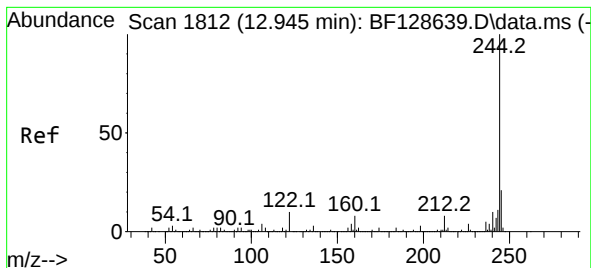
Tgt Ion:240 Resp: 180822
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 26.5 20.8 31.2



#78
Pyrene
Concen: 47.331 ng
RT: 12.757 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Tgt Ion:202 Resp: 636746
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.8 14.6 21.8





#79

Terphenyl-d14

Concen: 33.835 ng

RT: 12.898 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BF128821.D

Acq: 15 Jun 2022 12:37

Instrument :

BNA_F

ClientSampleId :

EW-WMR-COMP-3DL

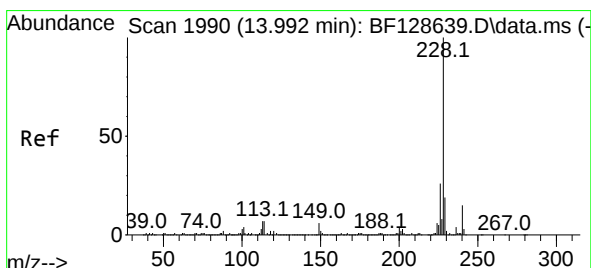
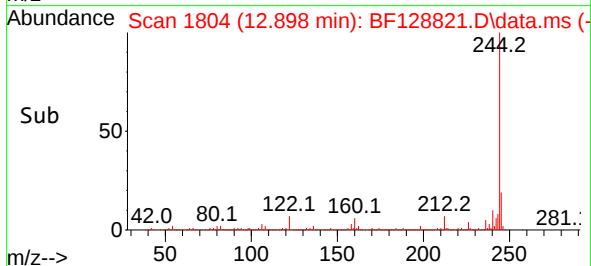
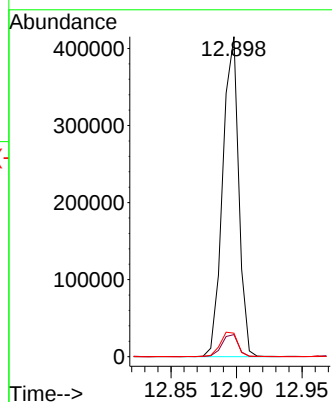
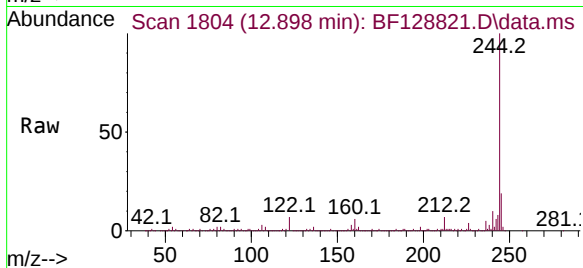
Tgt Ion:244 Resp: 352099

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 7.4 8.8 13.2#



#81

Benzo(a)anthracene

Concen: 25.134 ng

RT: 13.945 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BF128821.D

Acq: 15 Jun 2022 12:37

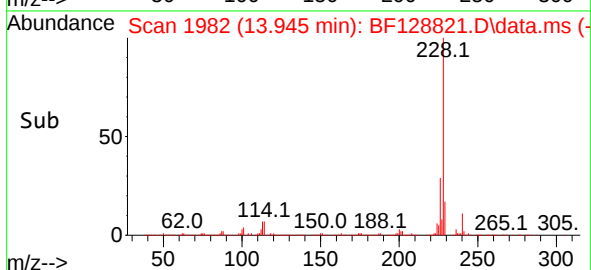
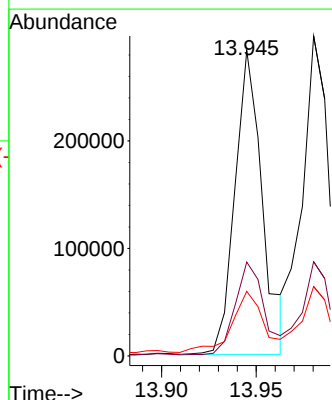
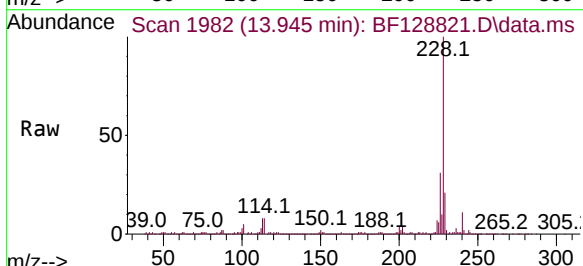
Tgt Ion:228 Resp: 283289

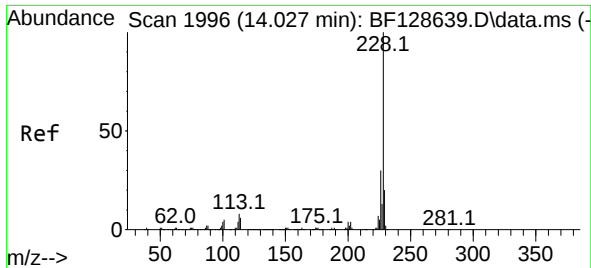
Ion Ratio Lower Upper

228 100

226 30.7 22.1 33.1

229 21.2 15.8 23.8

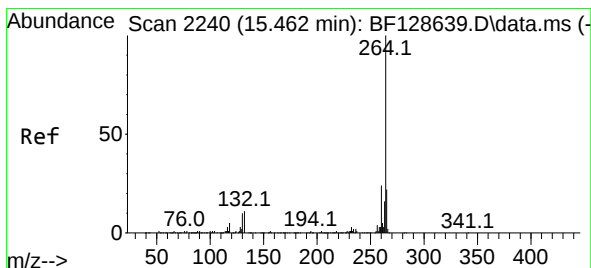
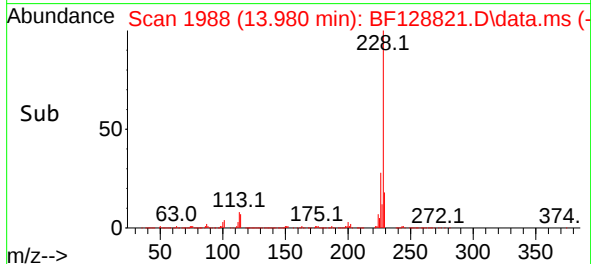
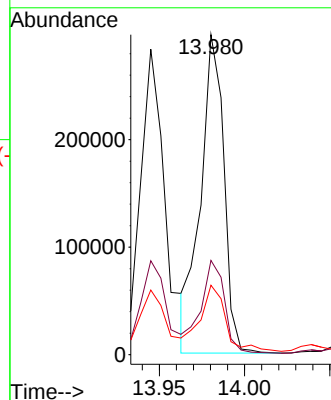
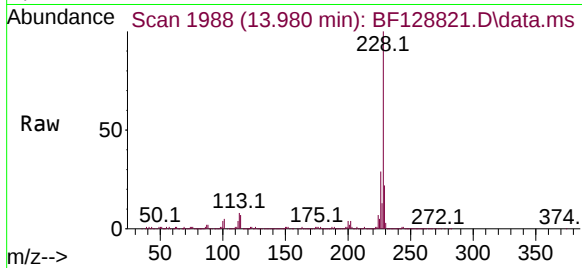




#83
Chrysene
Concen: 26.258 ng
RT: 13.980 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

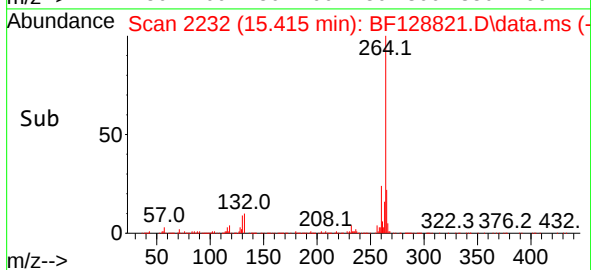
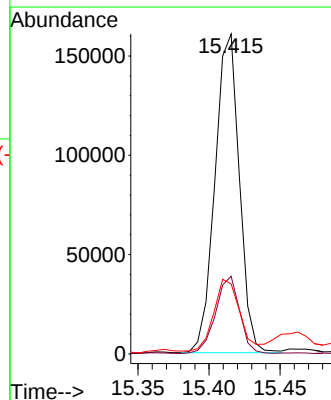
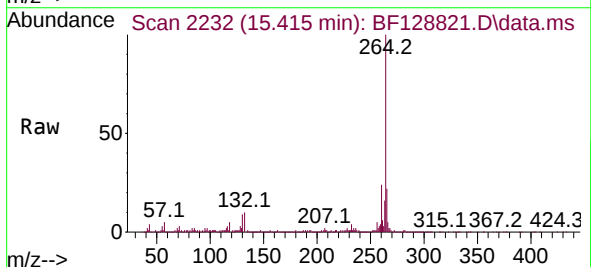
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3DL

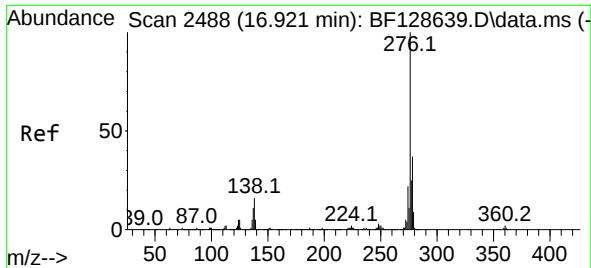
Tgt Ion:228 Resp: 282167
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 21.7 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Tgt Ion:264 Resp: 191439
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 21.9 17.2 25.8

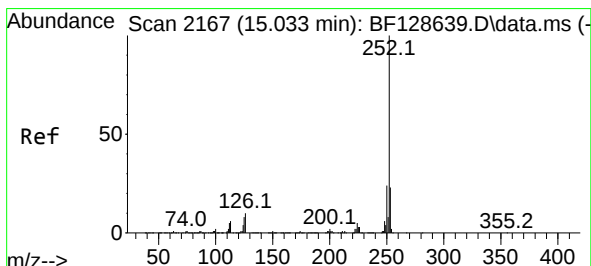
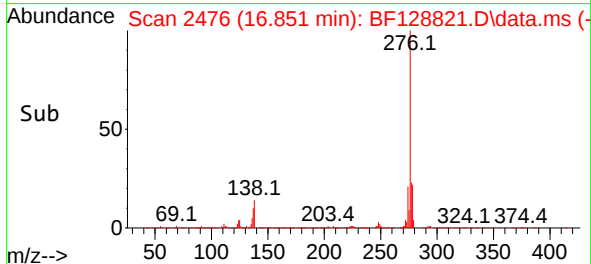
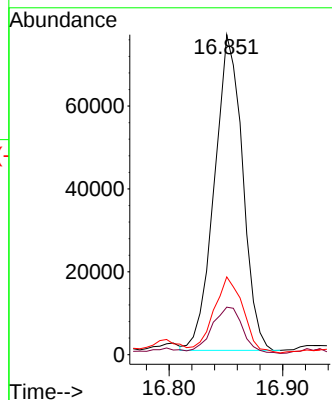
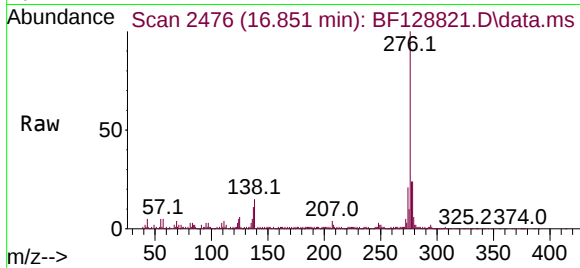




#87
Indeno(1,2,3-cd)pyrene
Concen: 11.381 ng
RT: 16.851 min Scan# 2488
Delta R.T. -0.012 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

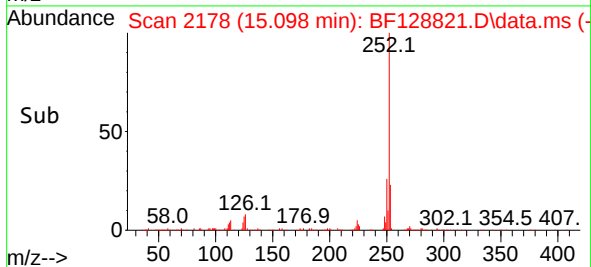
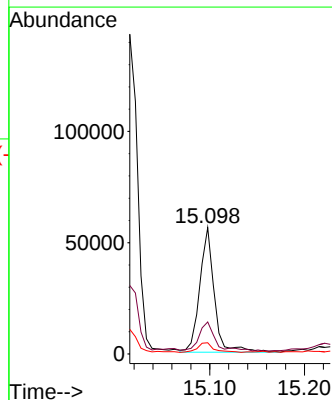
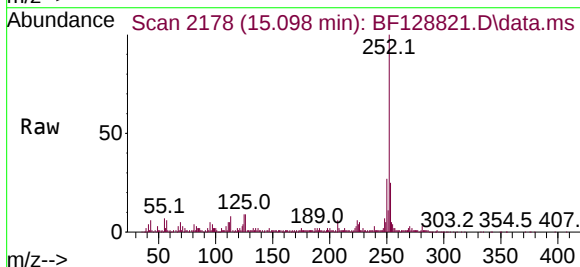
Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3DL

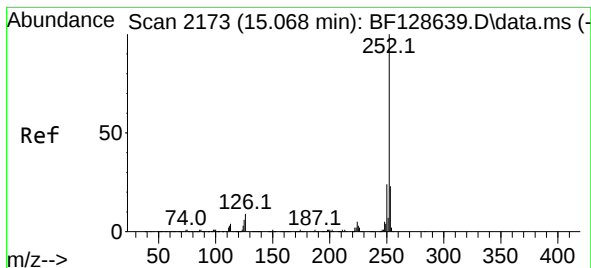
Tgt Ion:276 Resp: 131318
Ion Ratio Lower Upper
276 100
138 16.0 21.1 31.7#
277 25.2 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 4.893 ng
RT: 15.098 min Scan# 2178
Delta R.T. 0.106 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Tgt Ion:252 Resp: 59851
Ion Ratio Lower Upper
252 100
253 25.3 17.7 26.5
125 8.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 5.201 ng

RT: 15.098 min Scan# 2173

Delta R.T. 0.071 min

Lab File: BF128821.D

Acq: 15 Jun 2022 12:37

Instrument :

BNA_F

ClientSampleId :

EW-WMR-COMP-3DL

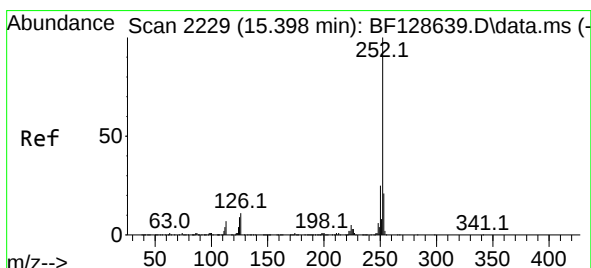
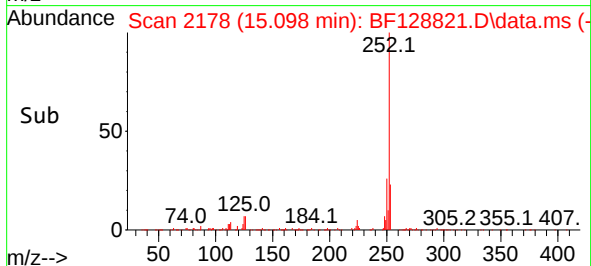
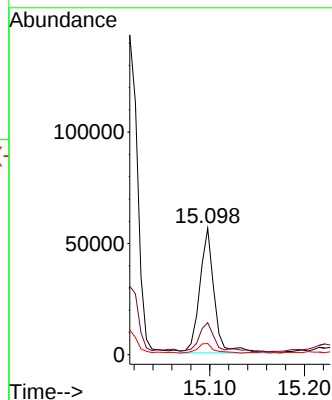
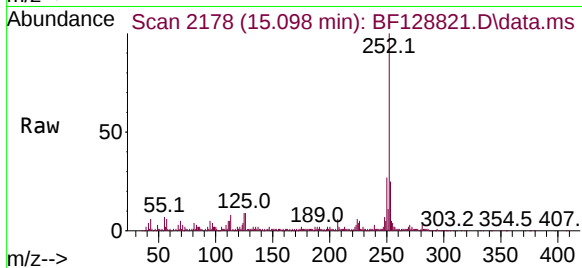
Tgt Ion:252 Resp: 59851

Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.6

125 8.9 8.3 12.5



#90

Benzo(a)pyrene

Concen: 20.048 ng

RT: 15.292 min Scan# 2211

Delta R.T. -0.065 min

Lab File: BF128821.D

Acq: 15 Jun 2022 12:37

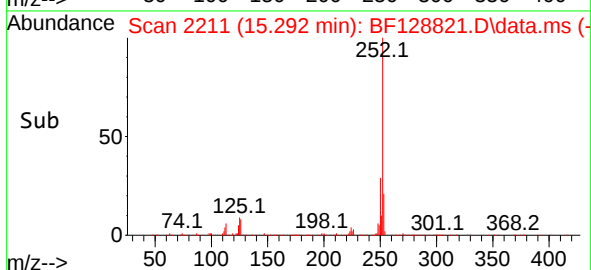
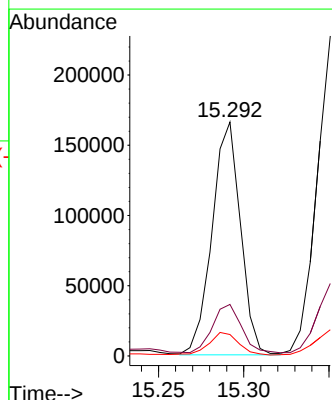
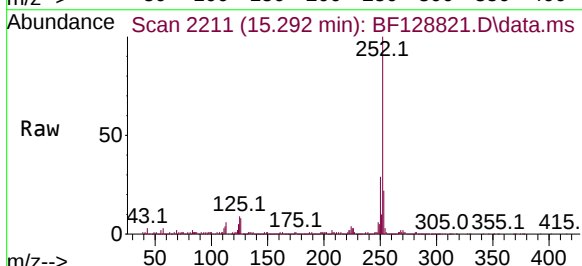
Tgt Ion:252 Resp: 192755

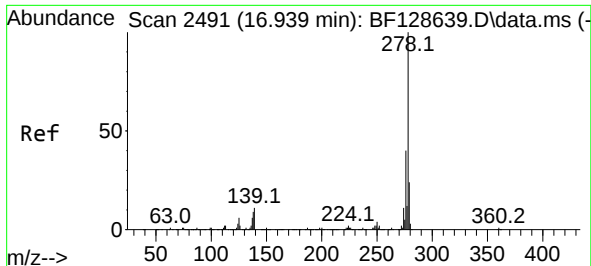
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 9.2 8.8 13.2

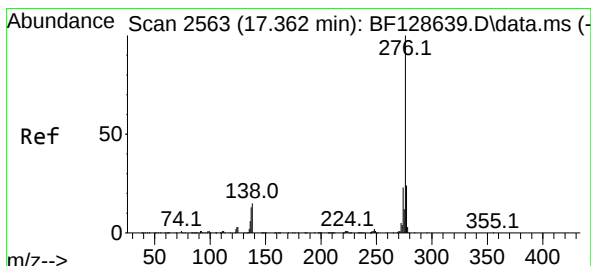
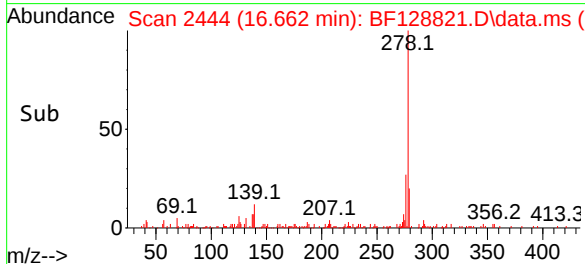
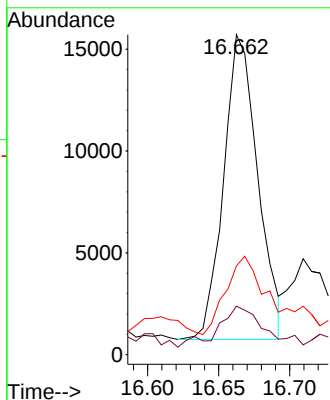
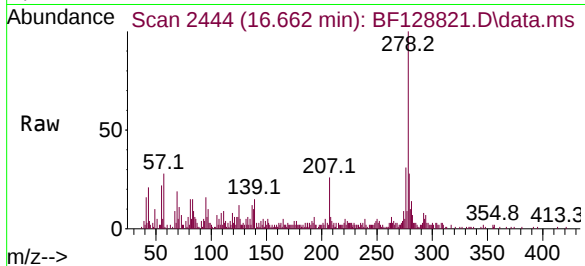




#91
Dibenzo(a,h)anthracene
Concen: 2.623 ng
RT: 16.662 min Scan# 2491
Delta R.T. -0.212 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Instrument :
BNA_F
ClientSampleId :
EW-WMR-COMP-3DL

Tgt Ion:278 Resp: 25103
Ion Ratio Lower Upper
278 100
139 15.1 12.8 19.2
279 27.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 13.362 ng
RT: 17.292 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BF128821.D
Acq: 15 Jun 2022 12:37

Tgt Ion:276 Resp: 126744
Ion Ratio Lower Upper
276 100
277 22.8 19.1 28.7
138 14.5 18.0 27.0#

