

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128984.D
 Acq On : 24 Jun 2022 12:36
 Operator : CG\JU
 Sample : N3465-01DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-E1(0-4)DL

Quant Time: Jun 25 06:12:57 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)

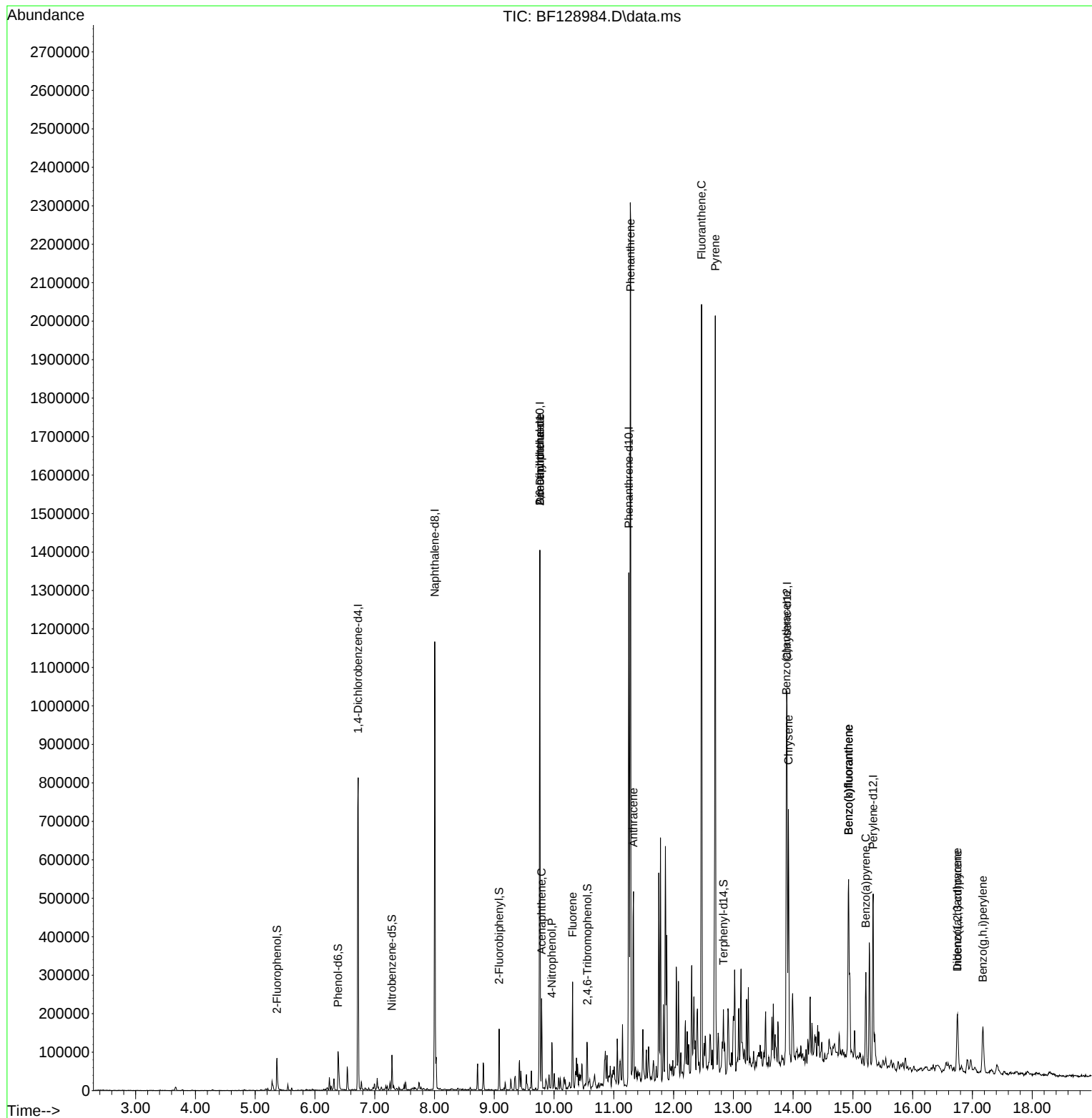
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	118156	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	480698	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	268109	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	498056	20.000	ng	0.00
76) Chrysene-d12	13.898	240	253093	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	196490	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	26252	3.539	ng	0.00
7) Phenol-d6	6.387	99	34389	3.798	ng	0.00
23) Nitrobenzene-d5	7.287	82	23117	2.239	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	8481	2.677	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	42154	2.202	ng	-0.01
79) Terphenyl-d14	12.833	244	43805	3.007	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.763	163	51269	2.794	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	35882	9.907	ng	# 26
52) Acenaphthene	9.792	154	42499	2.777	ng	96
56) 4-Nitrophenol	9.963	139	13326	4.677	ng	# 10
58) Fluorene	10.310	166	61528	3.607	ng	99
71) Phenanthrene	11.280	178	886026	35.467	ng	98
72) Anthracene	11.328	178	181372	7.335	ng	98
75) Fluoranthene	12.469	202	728726	27.907	ng	98
78) Pyrene	12.698	202	781501	41.503	ng	99
81) Benzo(a)anthracene	13.886	228	281015	17.813	ng	99
83) Chrysene	13.922	228	243145	16.166	ng	99
87) Indeno(1,2,3-cd)pyrene	16.751	276	90851	7.671	ng	# 89
88) Benzo(b)fluoranthene	14.927	252	318985	25.406	ng	99
89) Benzo(k)fluoranthene	14.927	252	318985	27.008	ng	99
90) Benzo(a)pyrene	15.216	252	104463	10.586	ng	97
91) Dibenzo(a,h)anthracene	16.745	278	28925	2.944	ng	95
92) Benzo(g,h,i)perylene	17.174	276	90830	9.329	ng	# 92

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

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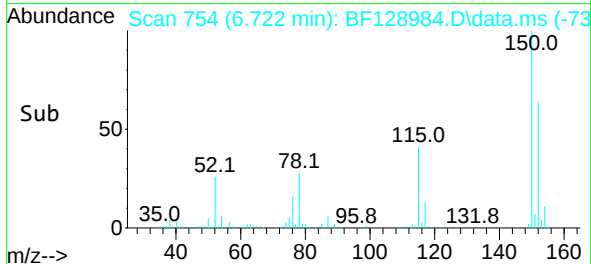
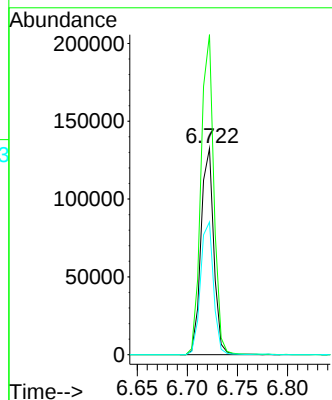
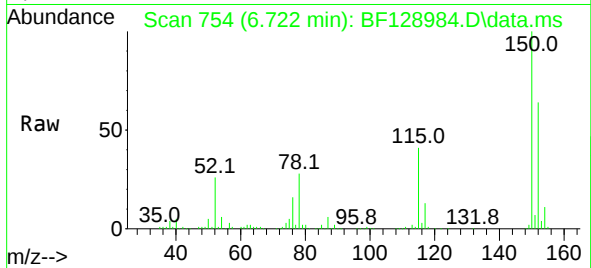




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

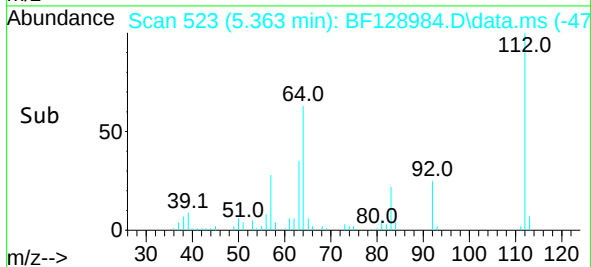
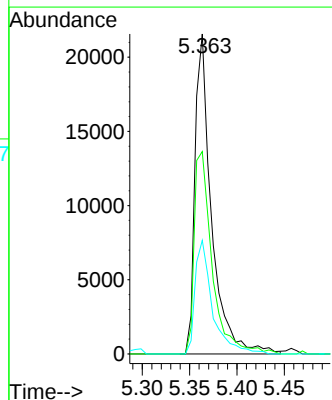
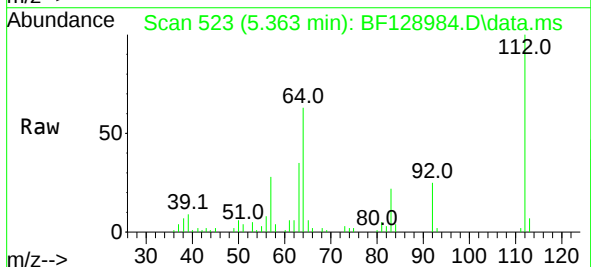
Instrument :
BNA_F
ClientSampleId :
WC-E1(0-4)DL

Tgt Ion:152 Resp: 118156
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 64.3 49.9 74.9



#5
2-Fluorophenol
Concen: 3.539 ng
RT: 5.363 min Scan# 523
Delta R.T. 0.006 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

Tgt Ion:112 Resp: 26252
Ion Ratio Lower Upper
112 100
64 63.2 53.3 79.9
63 35.5 28.0 42.0

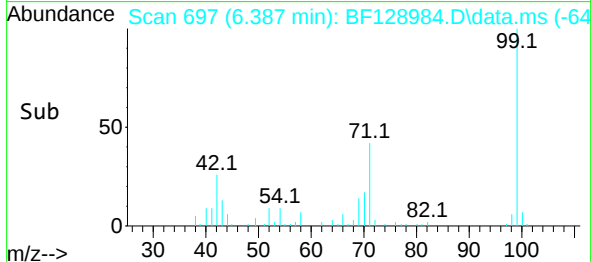
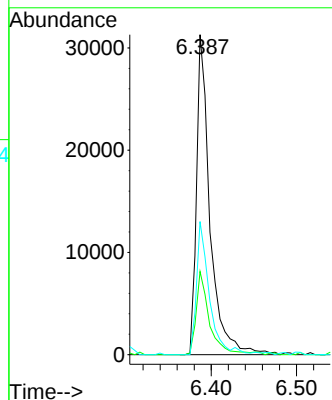
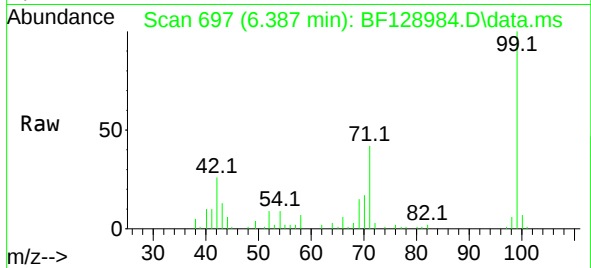




#7
Phenol-d6
Concen: 3.798 ng
RT: 6.387 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

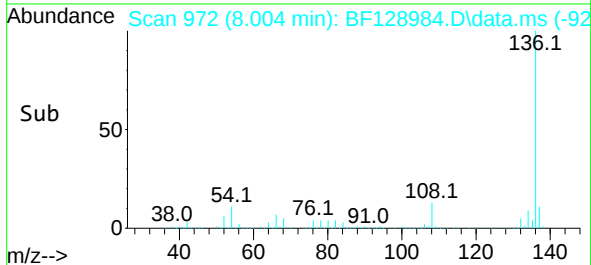
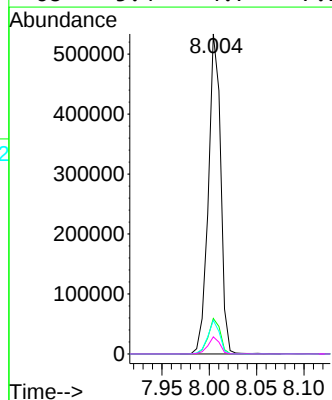
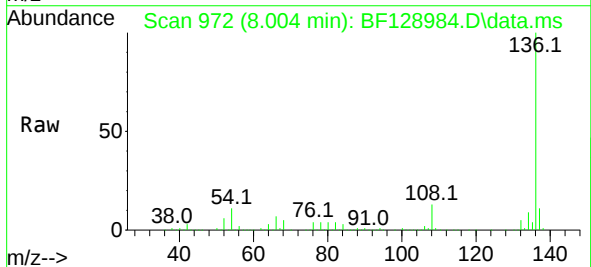
Instrument :
BNA_F
ClientSampleId :
WC-E1(0-4)DL

Tgt Ion: 99 Resp: 34389
Ion Ratio Lower Upper
99 100
42 26.0 17.3 25.9#
71 41.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

Tgt Ion: 136 Resp: 480698
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.5 7.5 11.3
68 5.4 4.7 7.1

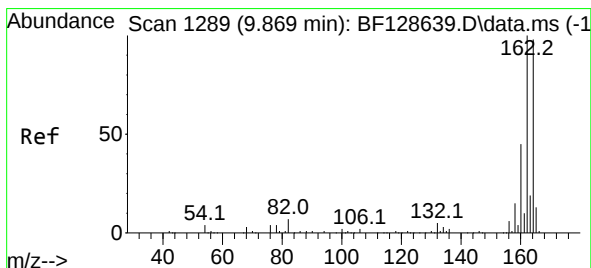
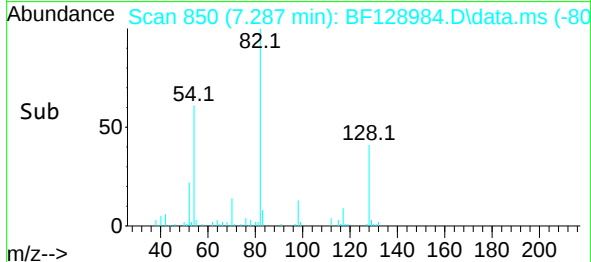
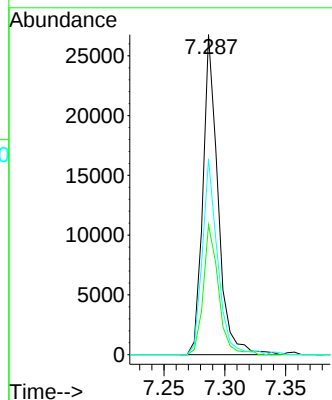
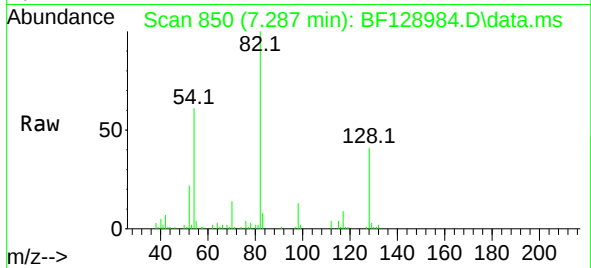




#23
Nitrobenzene-d5
Concen: 2.239 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

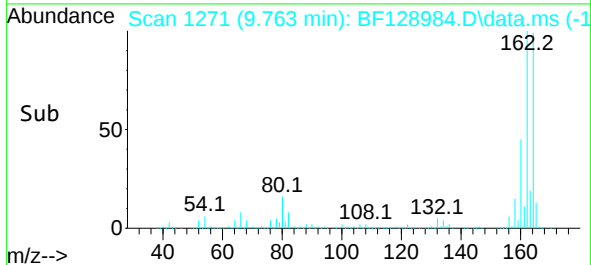
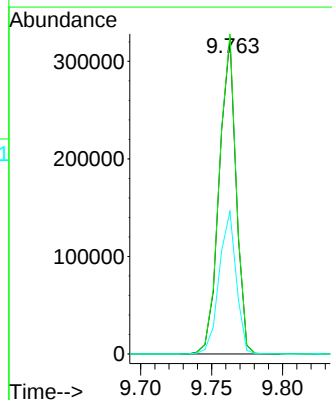
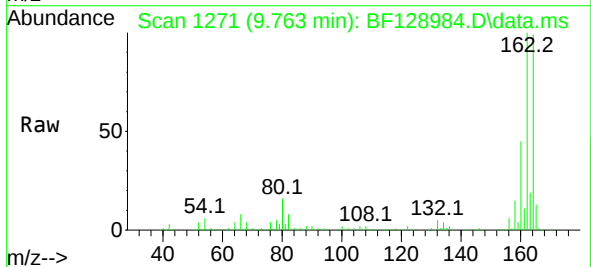
Instrument :
BNA_F
ClientSampleId :
WC-E1(0-4)DL

Tgt Ion: 82 Resp: 23117
Ion Ratio Lower Upper
82 100
128 40.6 34.0 51.0
54 61.2 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

Tgt Ion: 164 Resp: 268109
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 2.677 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128984.D

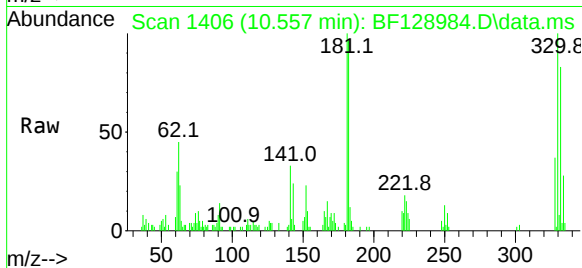
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Instrument :

BNA_F

ClientSampleId :

WC-E1(0-4)DL



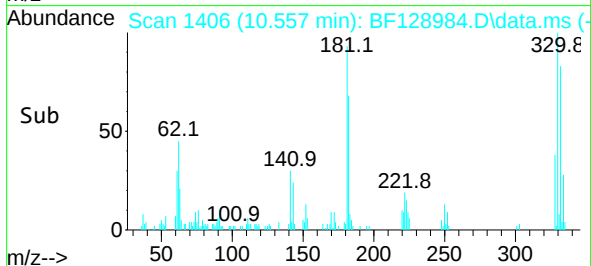
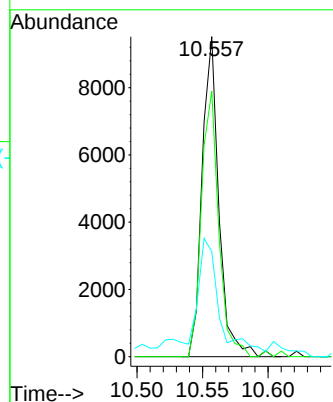
Tgt Ion:330 Resp: 8481

Ion Ratio Lower Upper

330 100

332 85.3 76.8 115.2

141 59.9 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 2.202 ng

RT: 9.081 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF128984.D

Acq: 24 Jun 2022 12:36

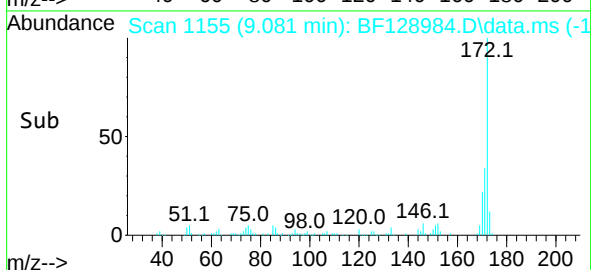
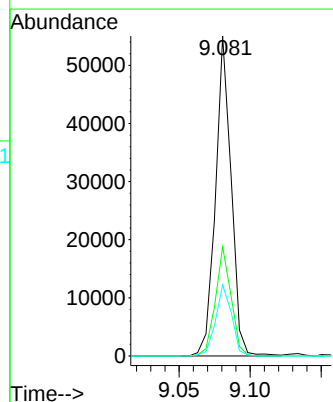
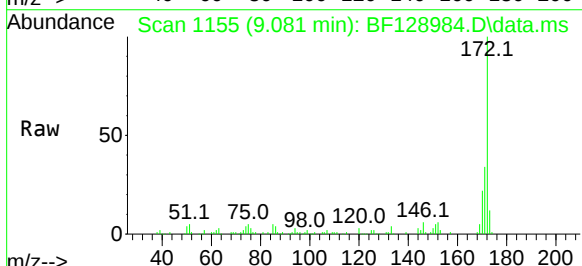
Tgt Ion:172 Resp: 42154

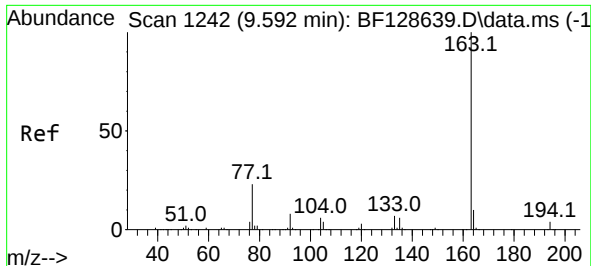
Ion Ratio Lower Upper

172 100

171 34.1 28.8 43.2

170 22.2 19.8 29.8

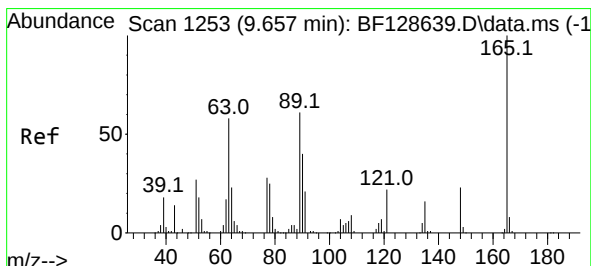
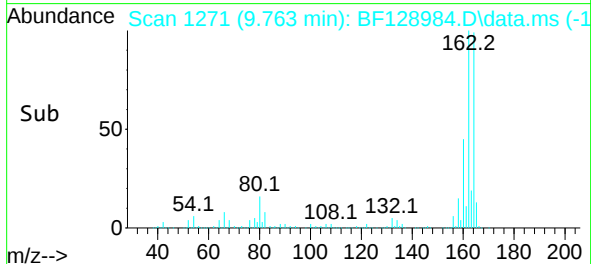
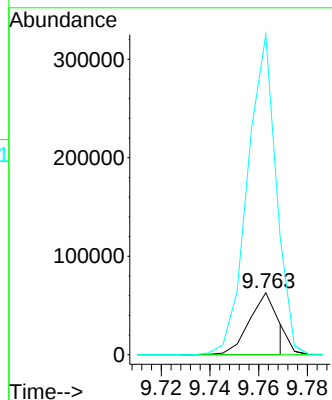
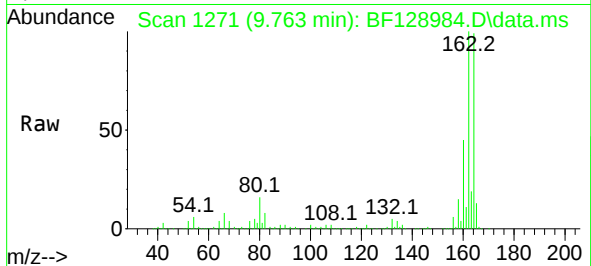




#50
Dimethylphthalate
Concen: 2.794 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.265 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

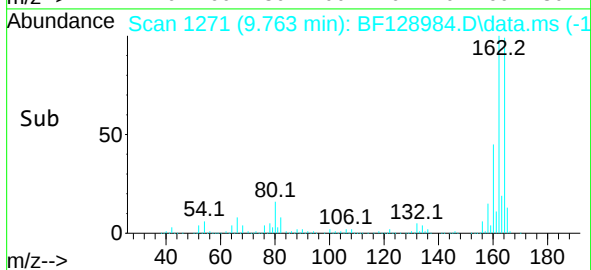
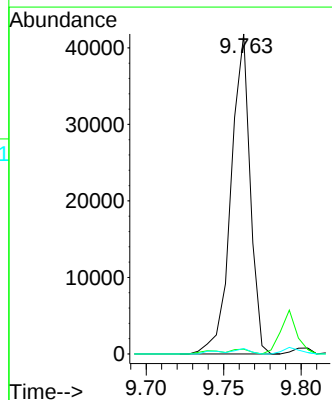
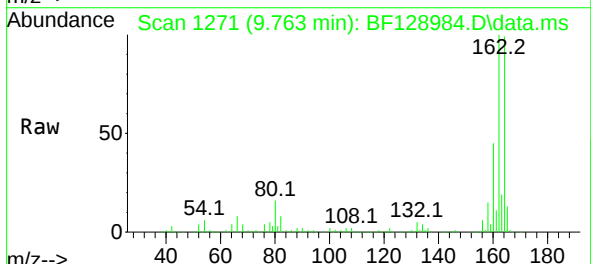
Instrument :
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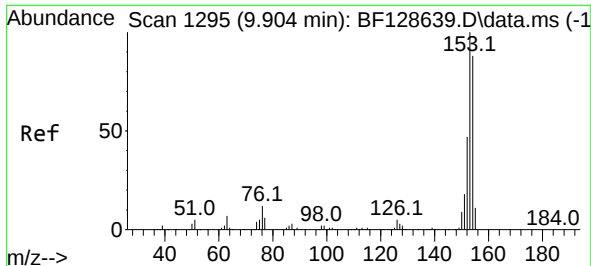
Tgt Ion:163 Resp: 51269
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 517.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.907 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

Tgt Ion:165 Resp: 35882
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.7 43.6 65.4#

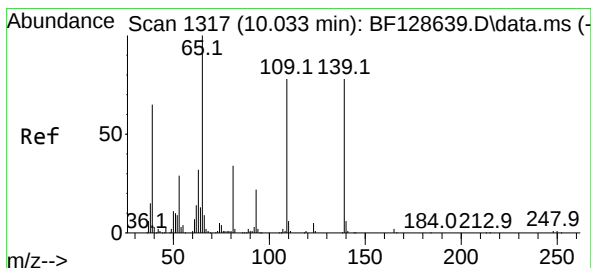
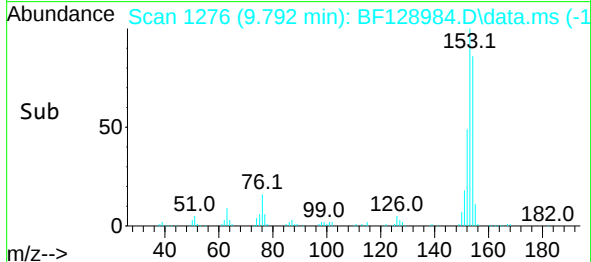
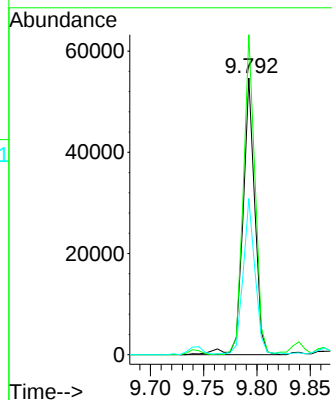
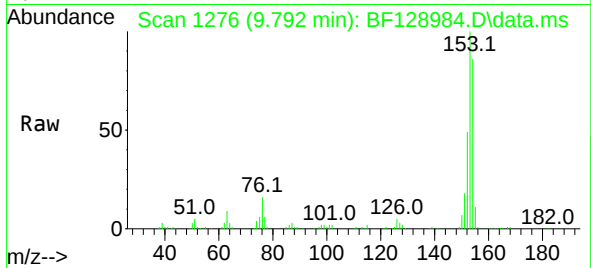




#52
Acenaphthene
Concen: 2.777 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

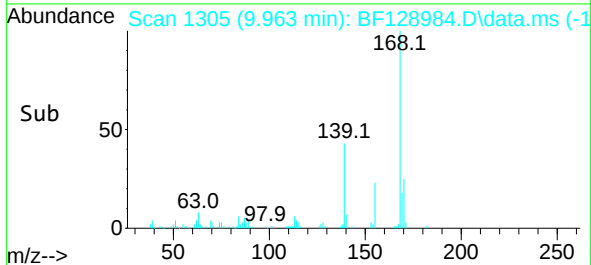
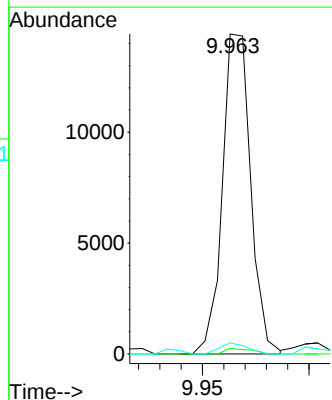
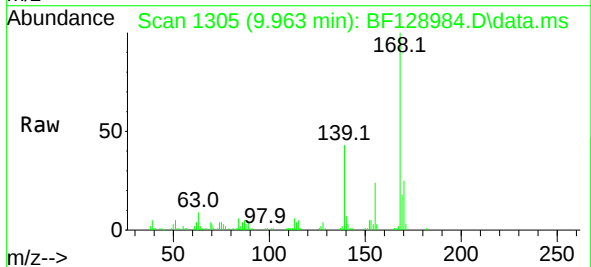
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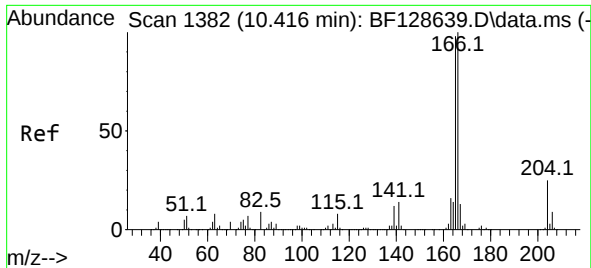
Tgt Ion:154 Resp: 42499
Ion Ratio Lower Upper
154 100
153 115.7 89.6 134.4
152 56.5 42.4 63.6



#56
4-Nitrophenol
Concen: 4.677 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.035 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

Tgt Ion:139 Resp: 13326
Ion Ratio Lower Upper
139 100
109 1.7 50.7 90.7#
65 3.5 74.5 114.5#

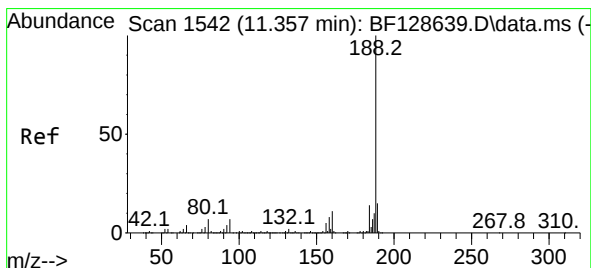
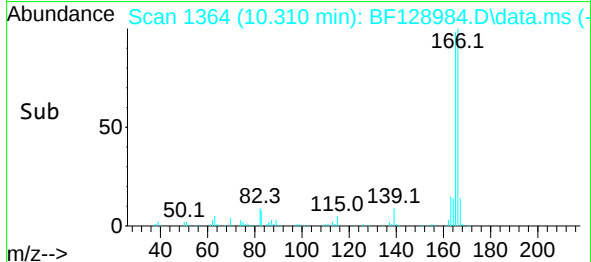
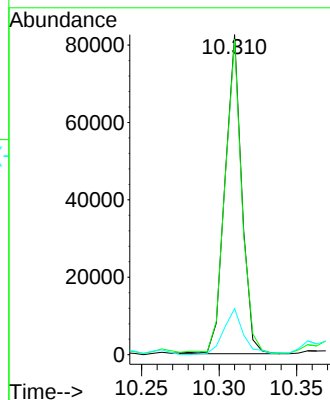
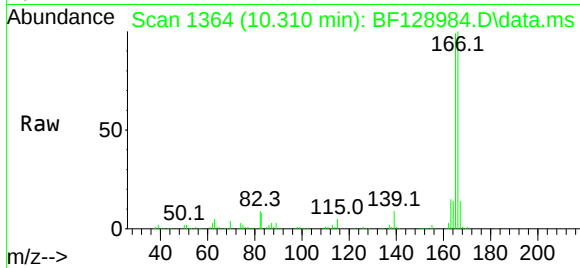




#58
Fluorene
Concen: 3.607 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

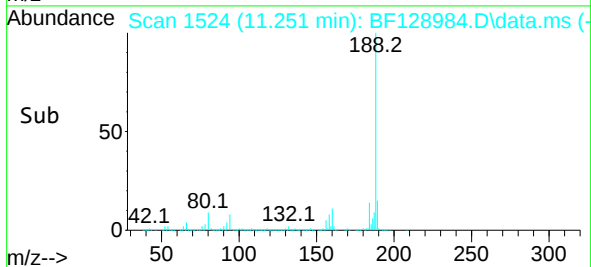
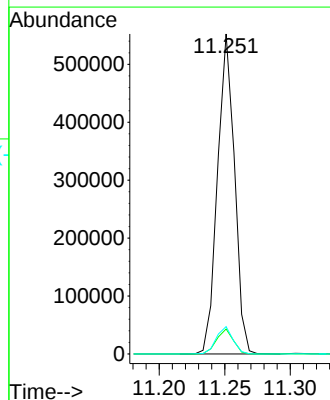
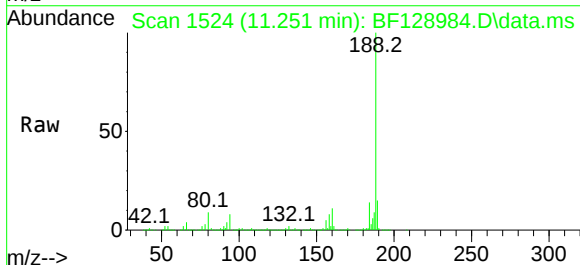
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BNA_F
ClientSampleId :
WC-E1(0-4)DL

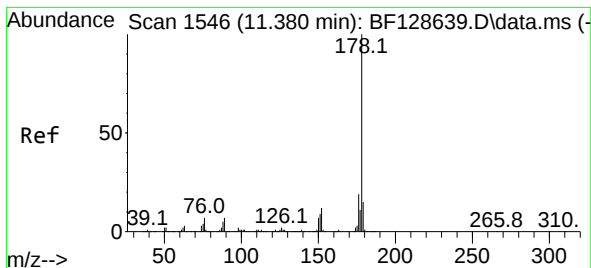
Tgt Ion:166 Resp: 61528
Ion Ratio Lower Upper
166 100
165 98.5 78.1 117.1
167 14.4 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

Tgt Ion:188 Resp: 498056
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.6 7.6 11.4





#71

Phenanthrene

Concen: 35.467 ng

RT: 11.280 min Scan# 11280

Delta R.T. 0.000 min

Lab File: BF128984.D

Acq: 24 Jun 2022 12:36

Instrument :

BNA_F

ClientSampleId :

WC-E1(0-4)DL

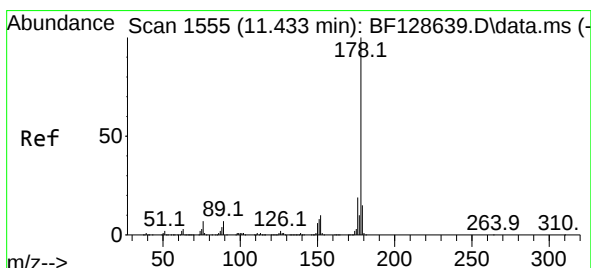
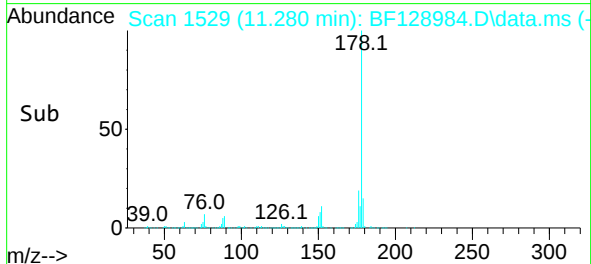
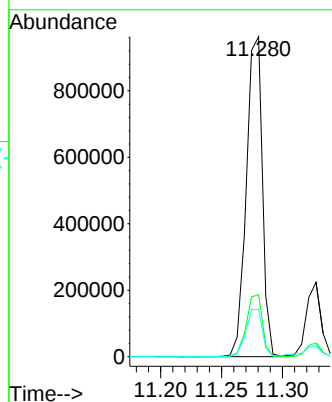
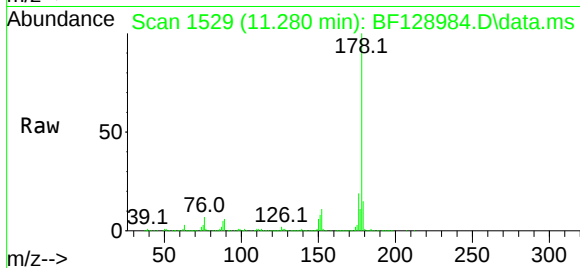
Tgt Ion:178 Resp: 886026

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 14.8 12.6 19.0



#72

Anthracene

Concen: 7.335 ng

RT: 11.328 min Scan# 1537

Delta R.T. -0.006 min

Lab File: BF128984.D

Acq: 24 Jun 2022 12:36

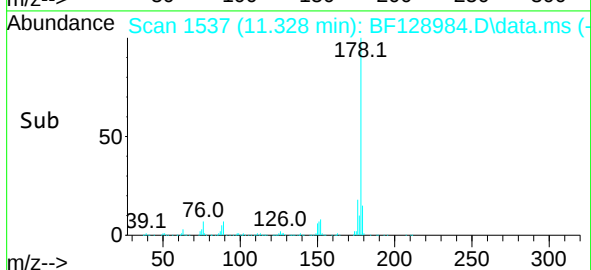
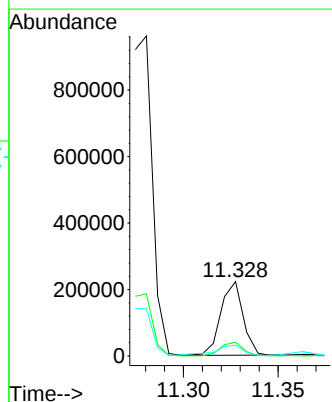
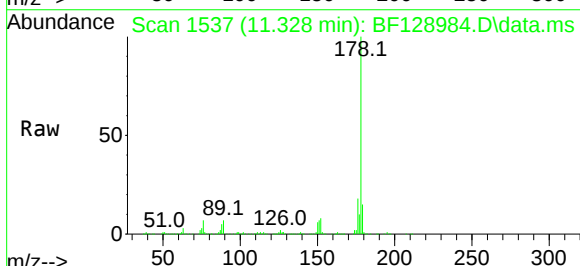
Tgt Ion:178 Resp: 181372

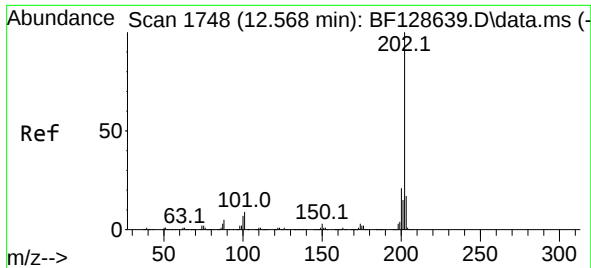
Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

179 14.6 12.6 19.0

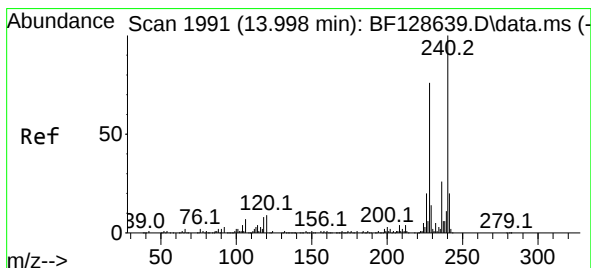
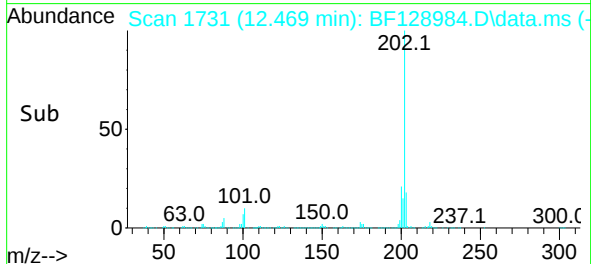
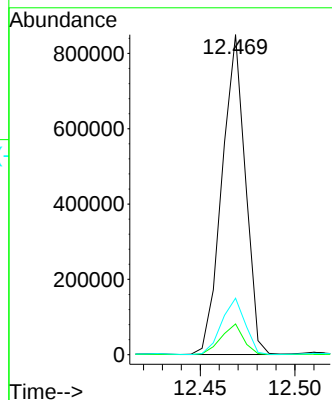
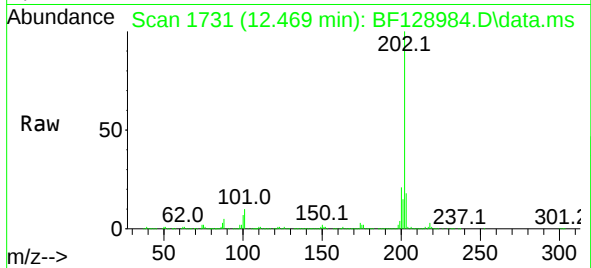




#75
Fluoranthene
Concen: 27.907 ng
RT: 12.469 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

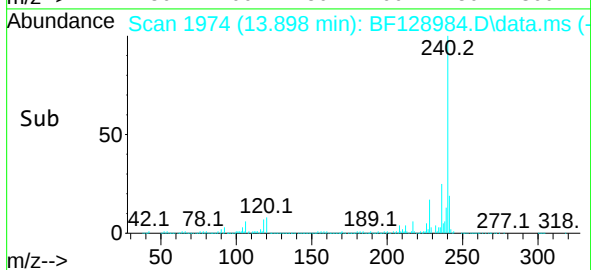
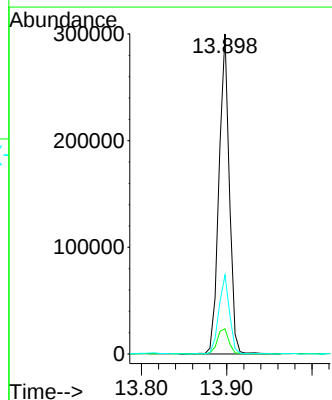
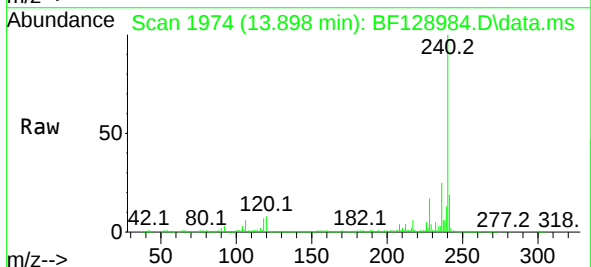
Instrument :
BNA_F
ClientSampleId :
WC-E1(0-4)DL

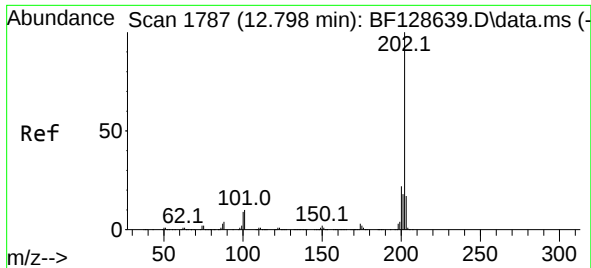
Tgt Ion:202 Resp: 728726
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 17.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

Tgt Ion:240 Resp: 253093
Ion Ratio Lower Upper
240 100
120 7.9 8.9 13.3#
236 24.7 20.8 31.2

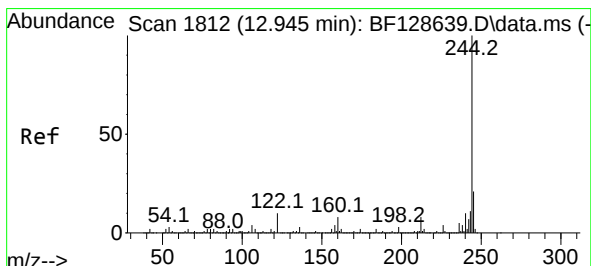
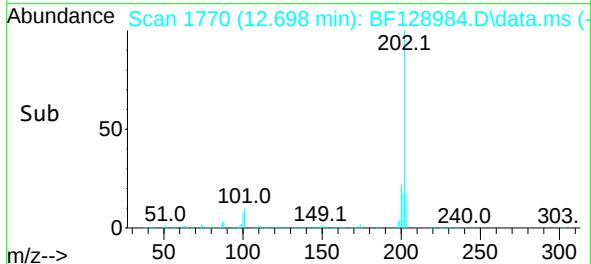
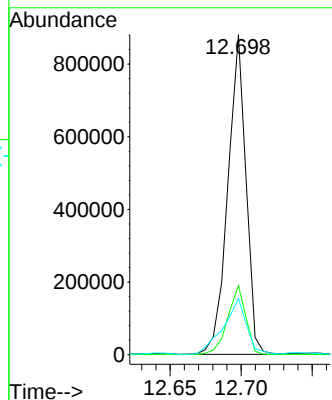
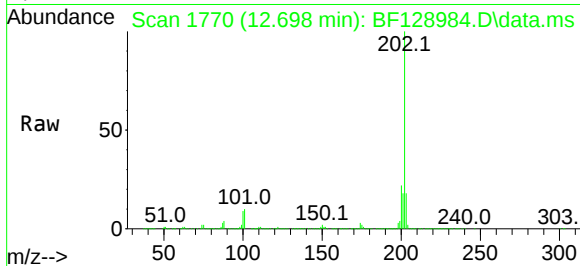




#78
Pyrene
Concen: 41.503 ng
RT: 12.698 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

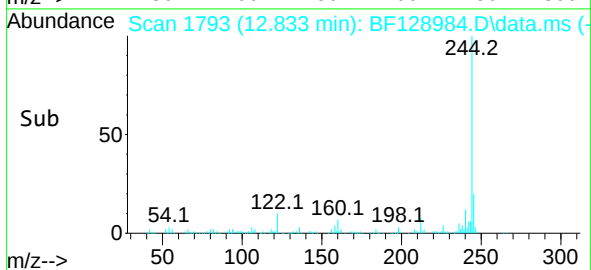
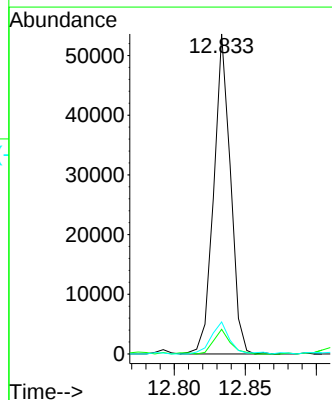
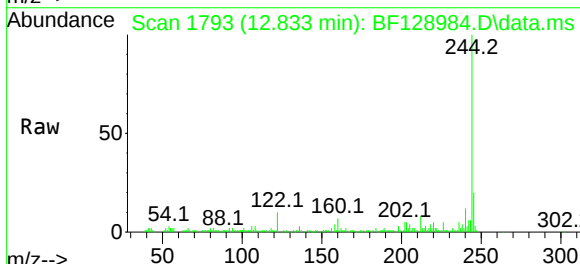
Instrument :
BNA_F
ClientSampleId :
WC-E1(0-4)DL

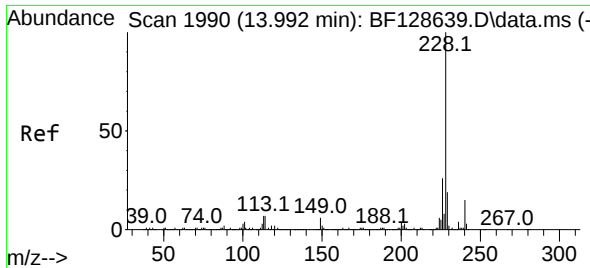
Tgt Ion:202 Resp: 781501
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.6 14.6 21.8



#79
Terphenyl-d14
Concen: 3.007 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

Tgt Ion:244 Resp: 43805
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 10.0 8.8 13.2

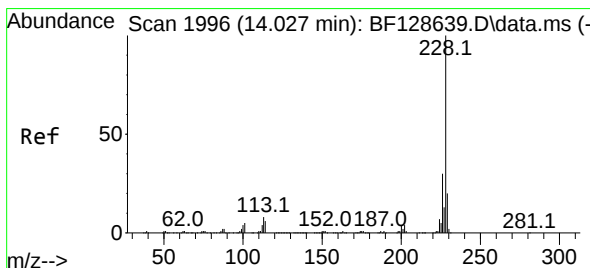
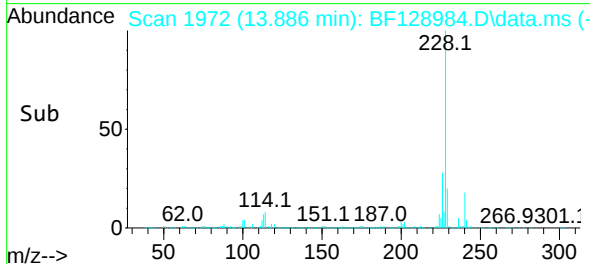
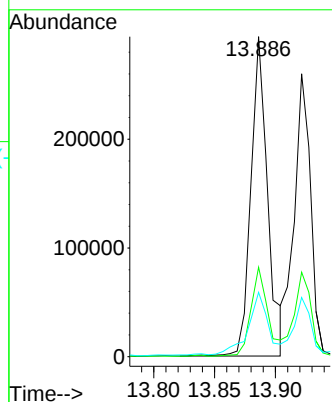
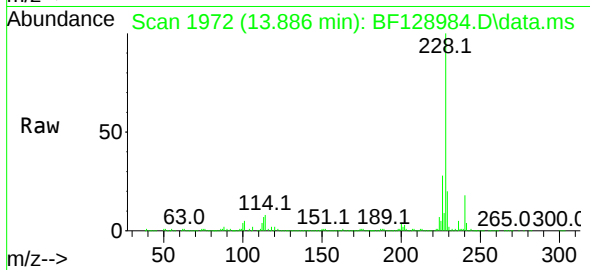




#81
Benzo(a)anthracene
Concen: 17.813 ng
RT: 13.886 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

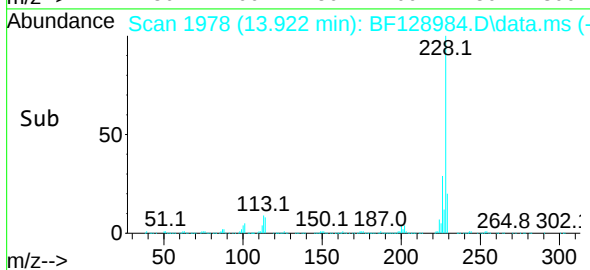
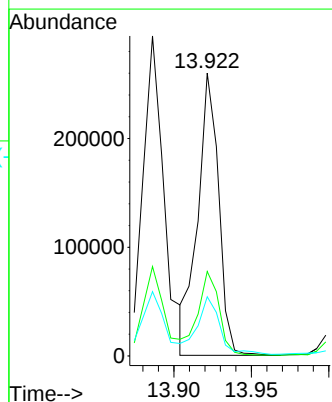
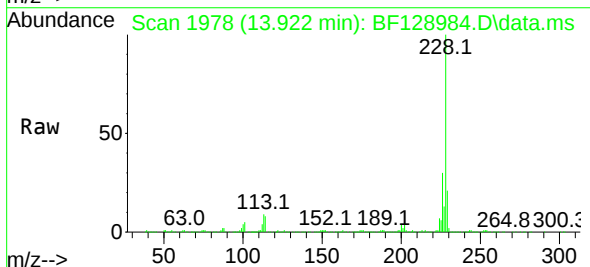
Instrument :
BNA_F
ClientSampleId :
WC-E1(0-4)DL

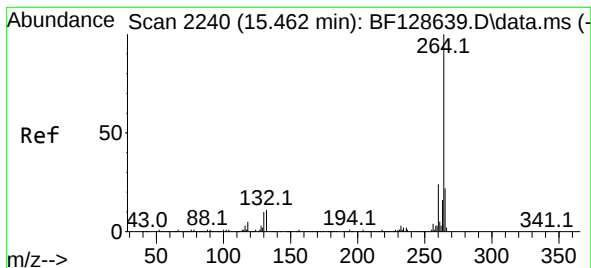
Tgt Ion:228 Resp: 281015
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 20.1 15.8 23.8



#83
Chrysene
Concen: 16.166 ng
RT: 13.922 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

Tgt Ion:228 Resp: 243145
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 20.9 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.339 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF128984.D

Acq: 24 Jun 2022 12:36

Instrument :

BNA_F

ClientSampleId :

WC-E1(0-4)DL

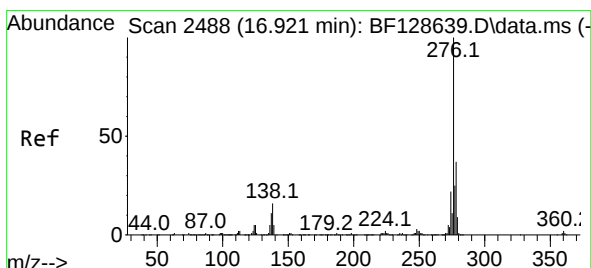
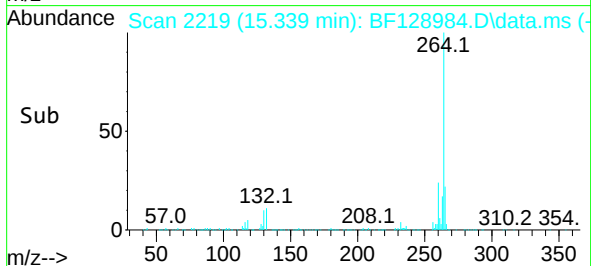
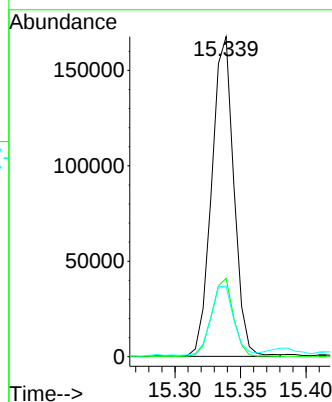
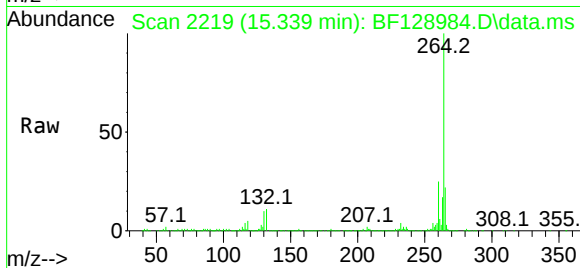
Tgt Ion:264 Resp: 196490

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 22.1 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.671 ng

RT: 16.751 min Scan# 2459

Delta R.T. 0.006 min

Lab File: BF128984.D

Acq: 24 Jun 2022 12:36

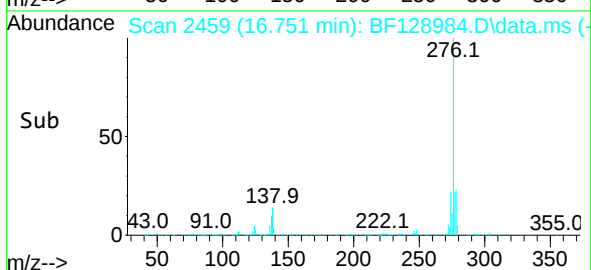
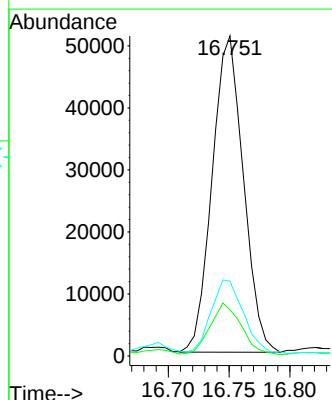
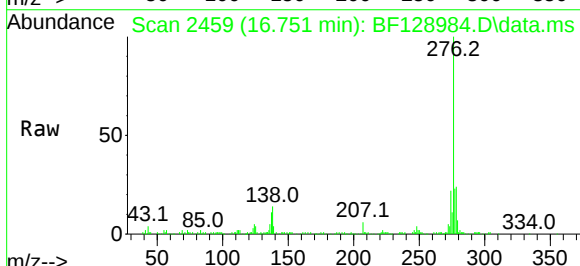
Tgt Ion:276 Resp: 90851

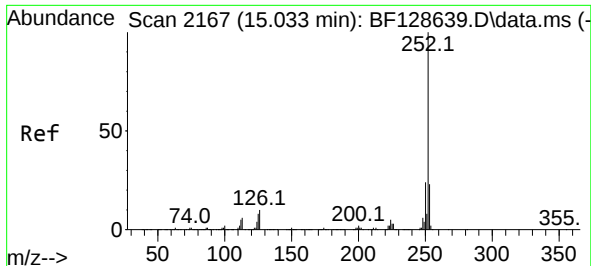
Ion Ratio Lower Upper

276 100

138 16.3 21.1 31.7#

277 24.0 20.3 30.5

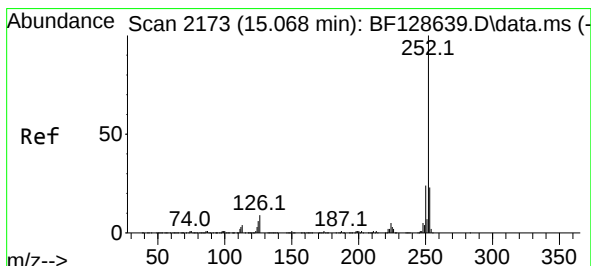
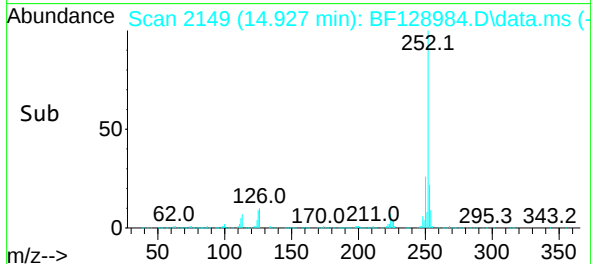
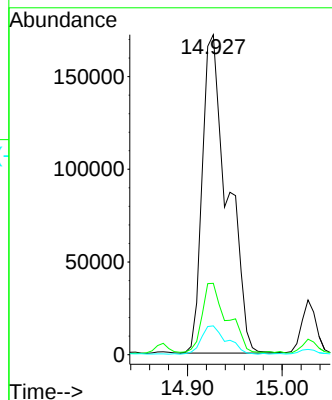
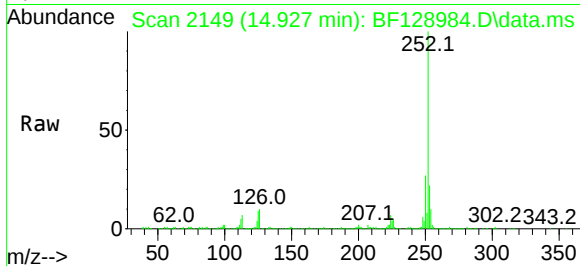




#88
Benzo(b)fluoranthene
Concen: 25.406 ng
RT: 14.927 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

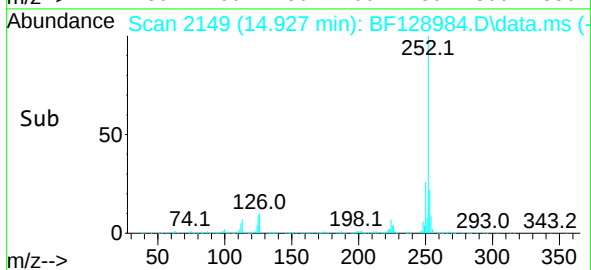
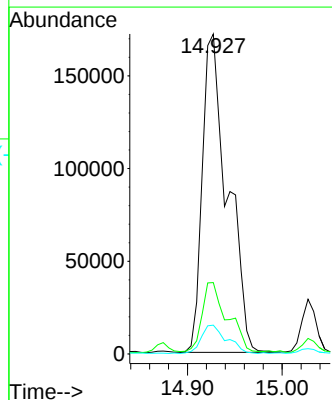
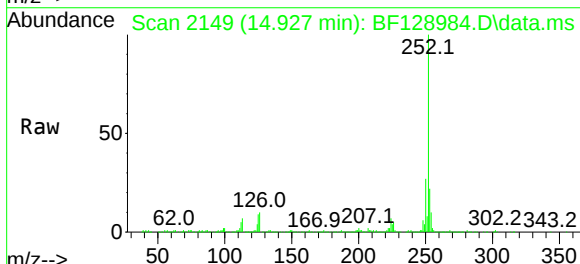
Instrument :
BNA_F
ClientSampleId :
WC-E1(0-4)DL

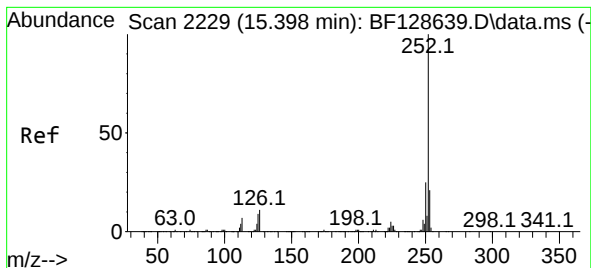
Tgt Ion:252 Resp: 318985
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.0 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 27.008 ng
RT: 14.927 min Scan# 2149
Delta R.T. -0.023 min
Lab File: BF128984.D
Acq: 24 Jun 2022 12:36

Tgt Ion:252 Resp: 318985
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.0 8.3 12.5





#90

Benzo(a)pyrene

Concen: 10.586 ng

RT: 15.216 min Scan# 21

Delta R.T. -0.059 min

Lab File: BF128984.D

Acq: 24 Jun 2022 12:36

Instrument :

BNA_F

ClientSampleId :

WC-E1(0-4)DL

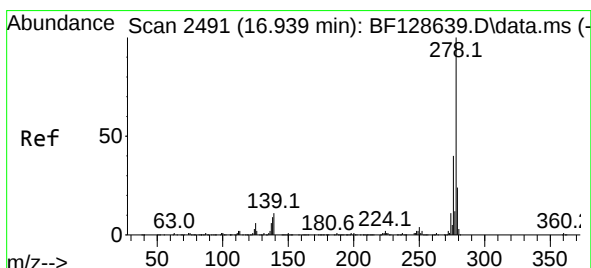
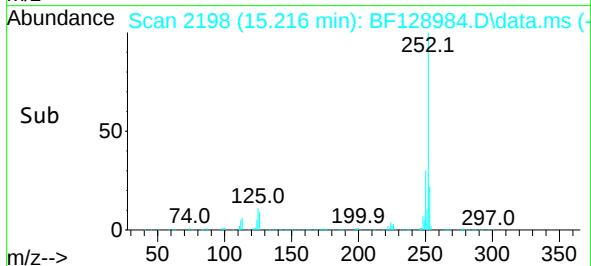
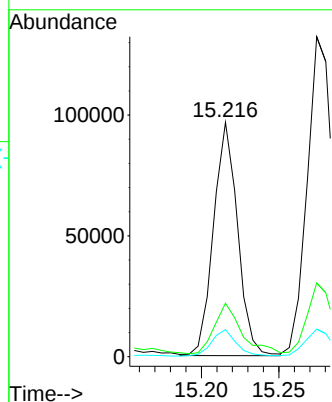
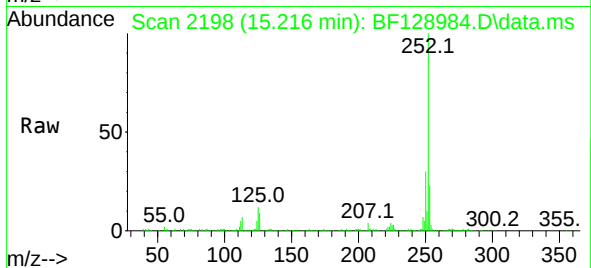
Tgt Ion:252 Resp: 104463

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 11.6 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 2.944 ng

RT: 16.745 min Scan# 2458

Delta R.T. -0.006 min

Lab File: BF128984.D

Acq: 24 Jun 2022 12:36

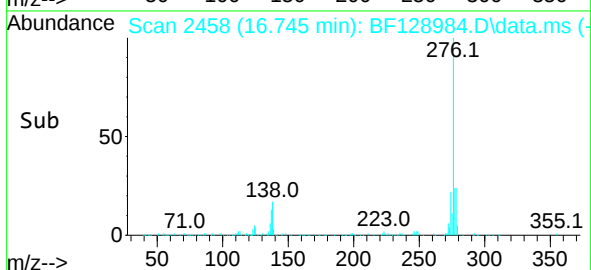
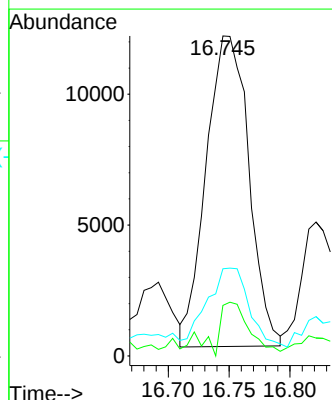
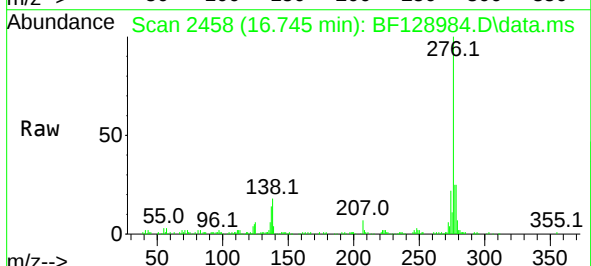
Tgt Ion:278 Resp: 28925

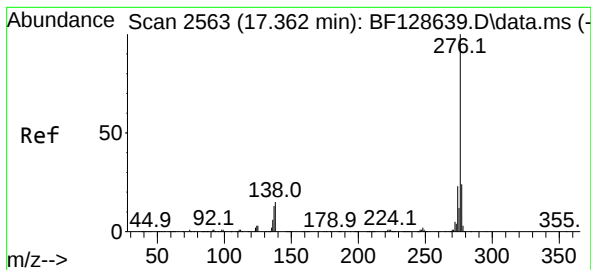
Ion Ratio Lower Upper

278 100

139 15.8 12.8 19.2

279 27.3 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 9.329 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128984.D

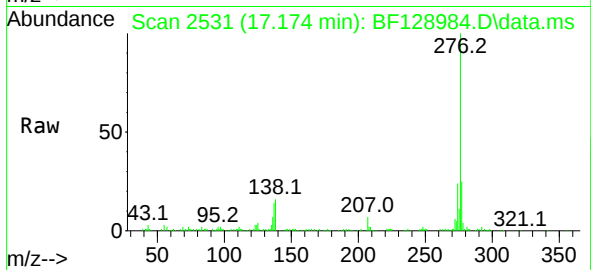
Acq: 24 Jun 2022 12:36

Instrument :

BNA_F

ClientSampleId :

WC-E1(0-4)DL



Tgt Ion:276 Resp: 90830

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 15.5 18.0 27.0#

