

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128905.D
 Acq On : 21 Jun 2022 19:00
 Operator : CG\JU
 Sample : N3384-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Jun 22 01:52:56 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 22 01:02:29 2022
 Response via : Initial Calibration

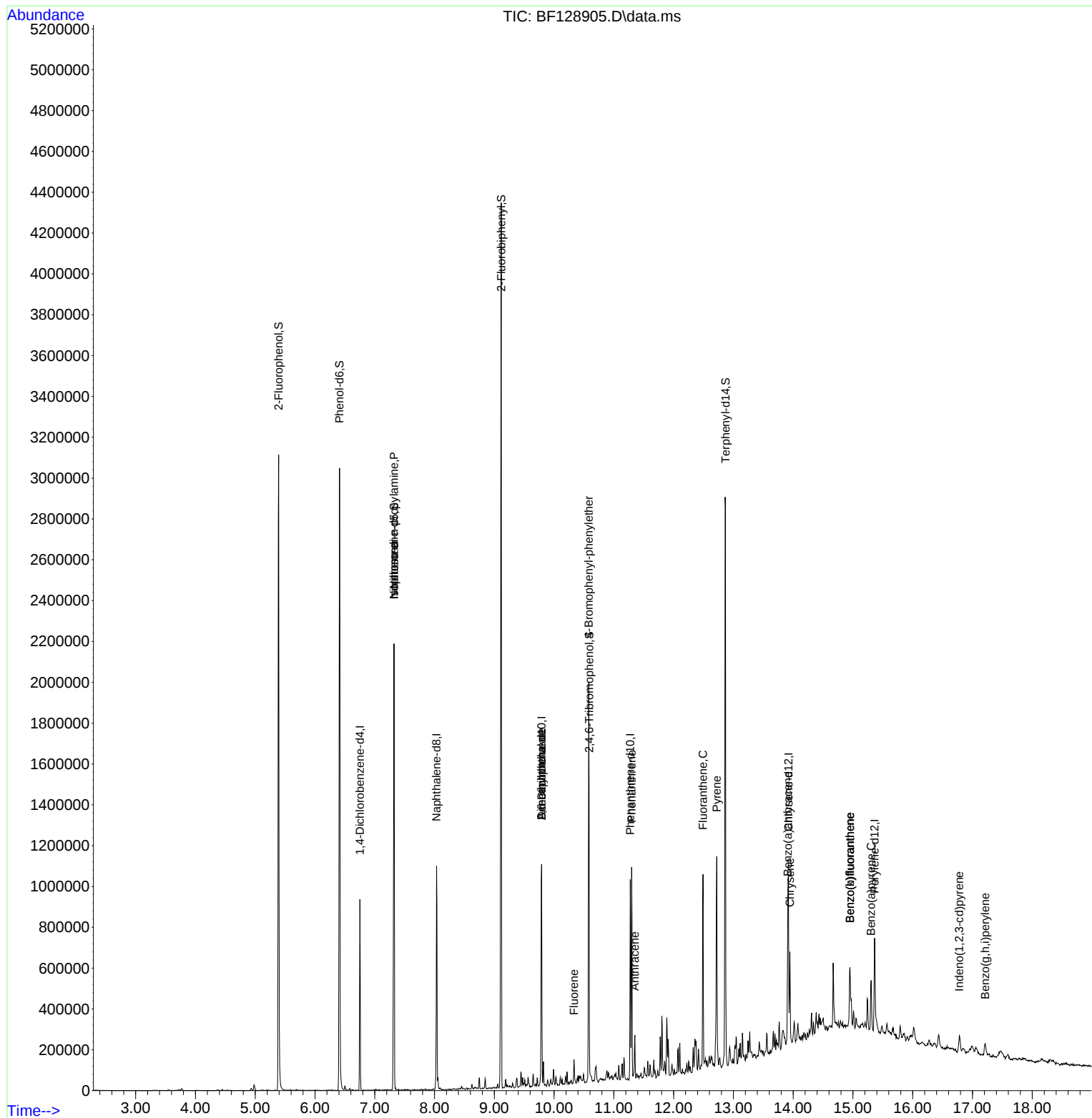
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	114936	20.00	ng	0.00
21) Naphthalene-d8	8.033	136	431161	20.00	ng	0.00
39) Acenaphthene-d10	9.792	164	219097	20.00	ng	0.00
64) Phenanthrene-d10	11.274	188	323370	20.00	ng	0.00
76) Chrysene-d12	13.921	240	234581	20.00	ng	# 0.00
86) Perylene-d12	15.362	264	187632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	764810	105.99	ng	0.00
7) Phenol-d6	6.410	99	990100	112.41	ng	0.00
23) Nitrobenzene-d5	7.322	82	689800	74.49	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	216252	83.54	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1239837	79.27	ng	0.00
79) Terphenyl-d14	12.868	244	1008473	74.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	98618	18.01	ng	# 77
25) Isophorone	7.322	82	688604	48.96	ng	# 65
50) Dimethylphthalate	9.792	163	41346	2.76	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	29627	10.01	ng	# 26
58) Fluorene	10.333	166	28378	2.04	ng	96
67) 4-Bromophenyl-phenylether	10.580	248	14044	3.89	ng	# 1
71) Phenanthrene	11.298	178	347618	21.43	ng	98
72) Anthracene	11.351	178	70317	4.38	ng	97
75) Fluoranthene	12.492	202	357457	21.08	ng	95
78) Pyrene	12.721	202	406333	23.28	ng	97
81) Benzo(a)anthracene	13.910	228	187516	12.82	ng	97
83) Chrysene	13.945	228	161544	11.59	ng	98
87) Indeno(1,2,3-cd)pyrene	16.780	276	49417	4.37	ng	# 91
88) Benzo(b)fluoranthene	14.951	252	203160	16.94	ng	98
89) Benzo(k)fluoranthene	14.951	252	203160	18.01	ng	98
90) Benzo(a)pyrene	15.304	252	107623	11.42	ng	97
92) Benzo(g,h,i)perylene	17.215	276	48147	5.18	ng	# 90

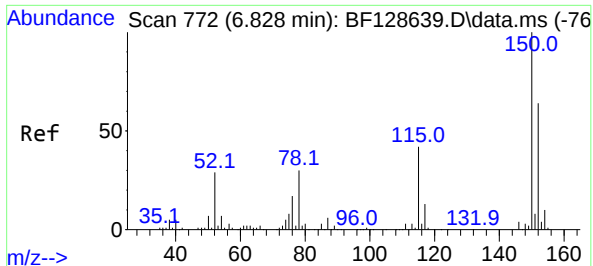
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128905.D
Acq On : 21 Jun 2022 19:00
Operator : CG\JU
Sample : N3384-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Time: Jun 22 01:52:56 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 22 01:02:29 2022
Response via : Initial Calibration

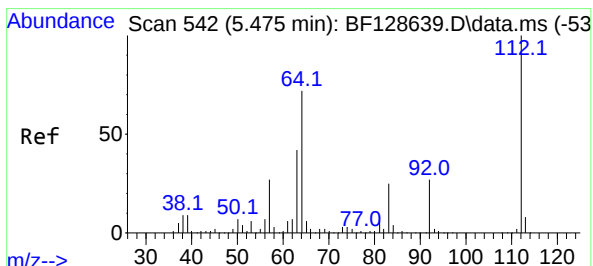
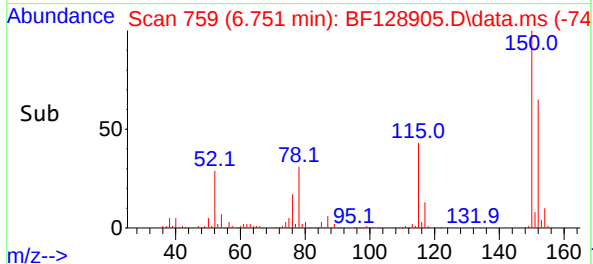
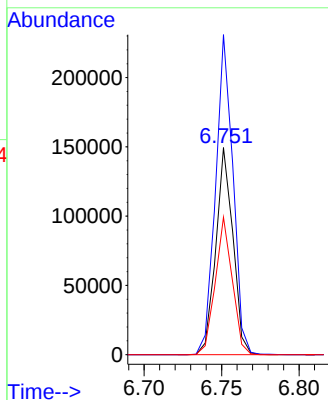
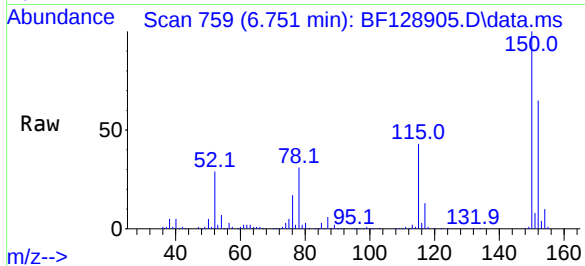




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

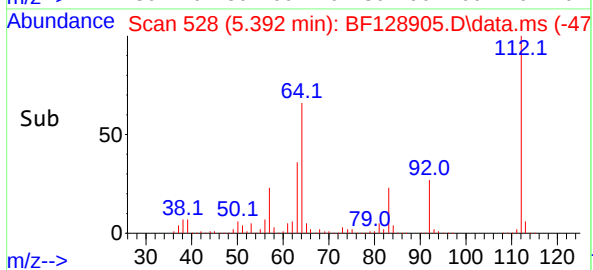
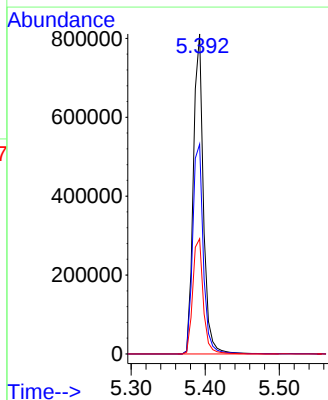
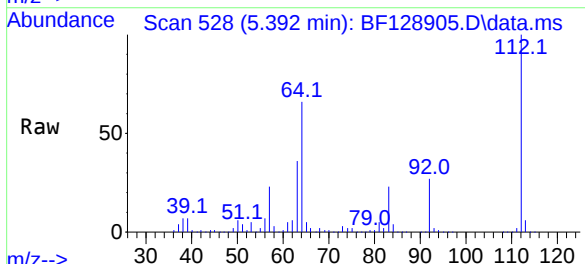
Instrument :
BNA_F
ClientSampleId :
WC-3

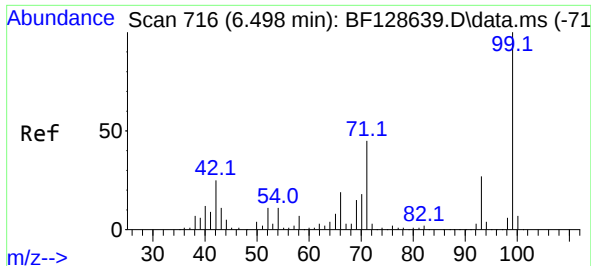
Tgt Ion:152 Resp: 114936
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 66.3 49.9 74.9



#5
2-Fluorophenol
Concen: 105.99 ng
RT: 5.392 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

Tgt Ion:112 Resp: 764810
Ion Ratio Lower Upper
112 100
64 65.6 53.3 79.9
63 36.0 28.0 42.0

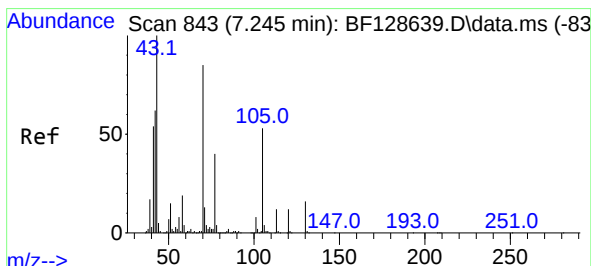
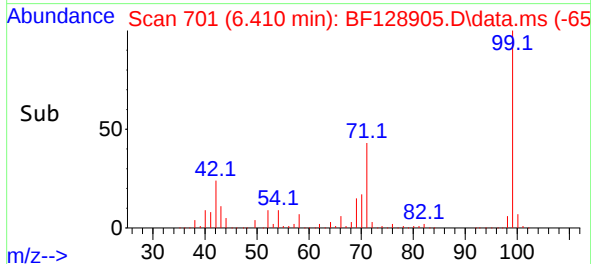
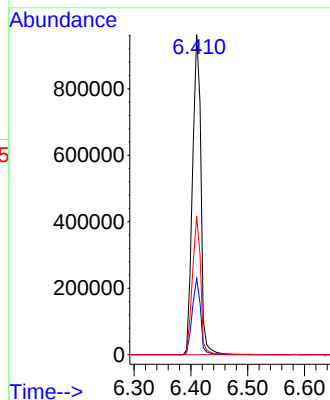
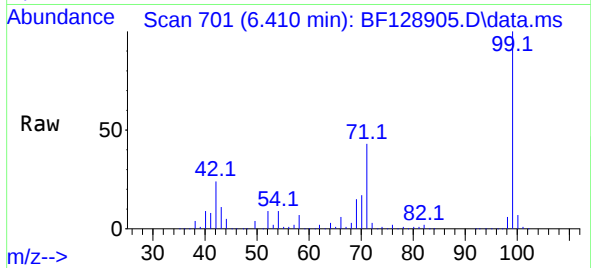




#7
Phenol-d6
Concen: 112.41 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

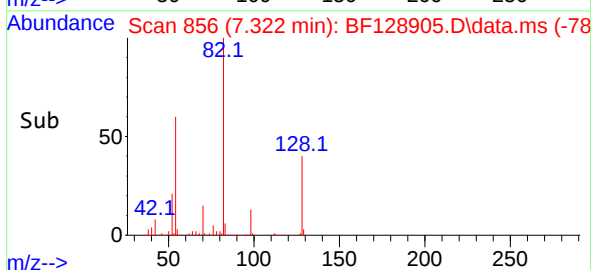
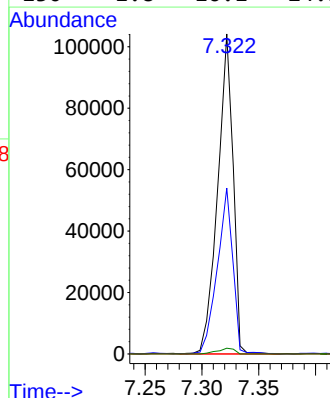
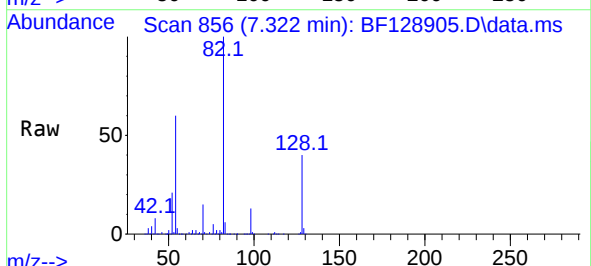
Instrument :
BNA_F
ClientSampleId :
WC-3

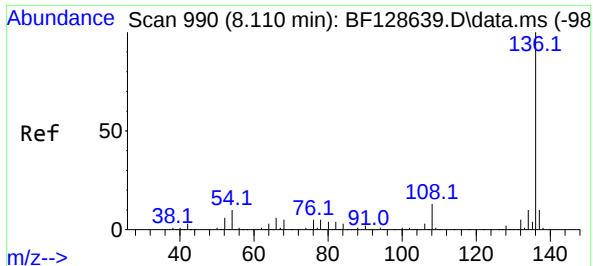
Tgt Ion: 99 Resp: 990100
Ion Ratio Lower Upper
99 100
42 23.8 17.3 25.9
71 43.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.01 ng
RT: 7.322 min Scan# 856
Delta R.T. 0.141 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

Tgt Ion: 70 Resp: 98618
Ion Ratio Lower Upper
70 100
42 51.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.033 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128905.D

Acq: 21 Jun 2022 19:00

Instrument :

BNA_F

ClientSampleId :

WC-3

Tgt Ion:136 Resp: 431161

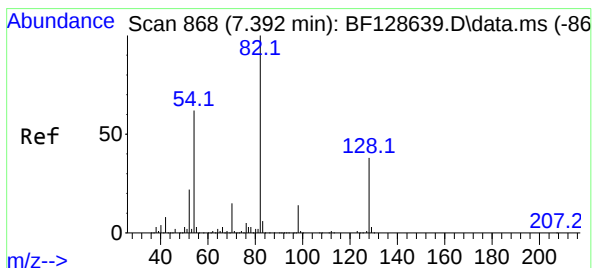
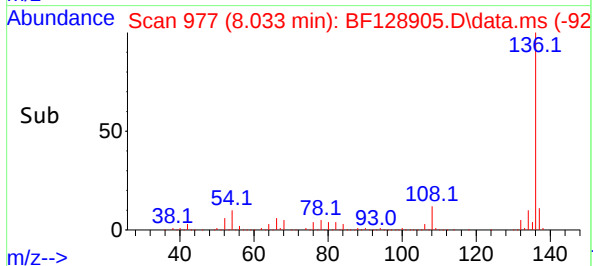
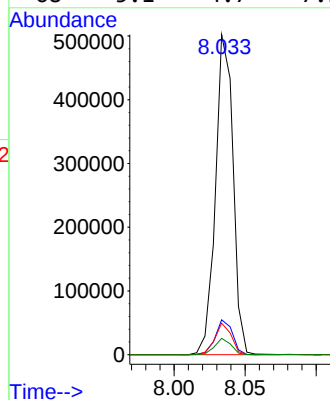
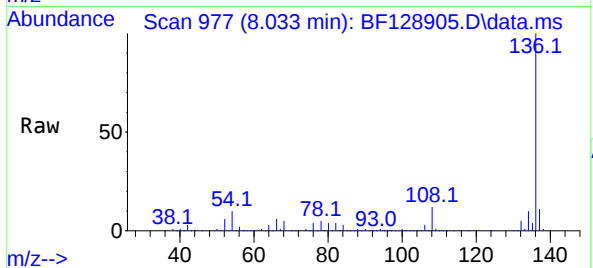
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.9 7.5 11.3

68 5.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 74.49 ng

RT: 7.322 min Scan# 856

Delta R.T. -0.006 min

Lab File: BF128905.D

Acq: 21 Jun 2022 19:00

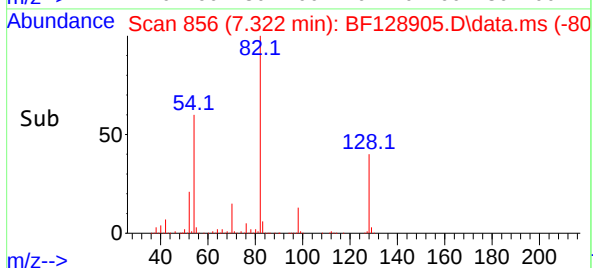
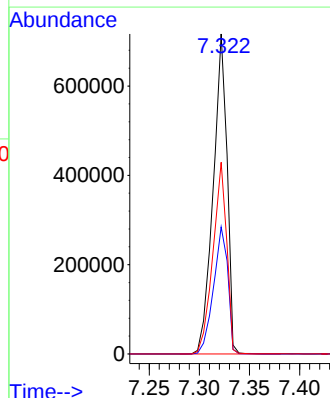
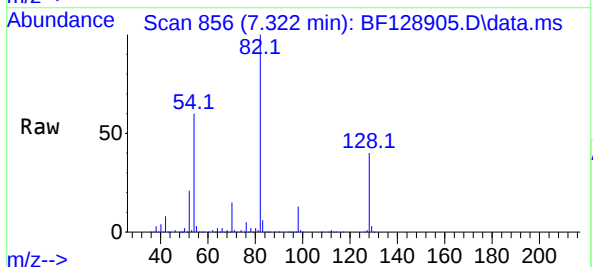
Tgt Ion: 82 Resp: 689800

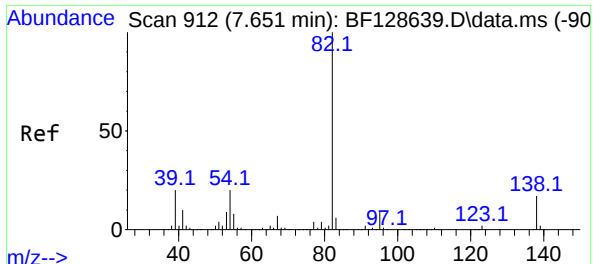
Ion Ratio Lower Upper

82 100

128 39.7 34.0 51.0

54 59.9 46.9 70.3

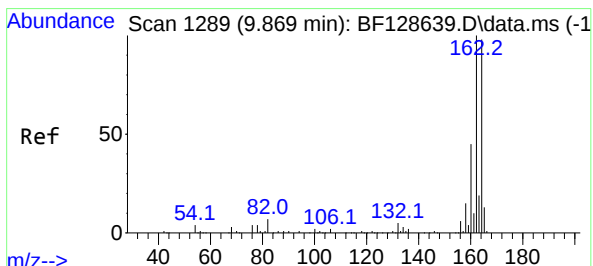
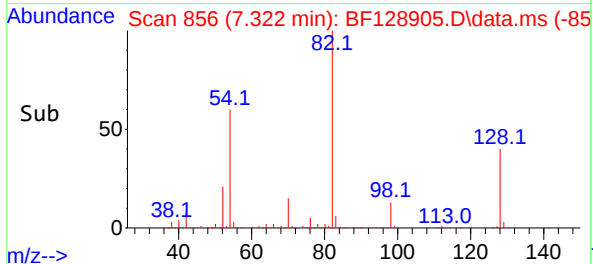
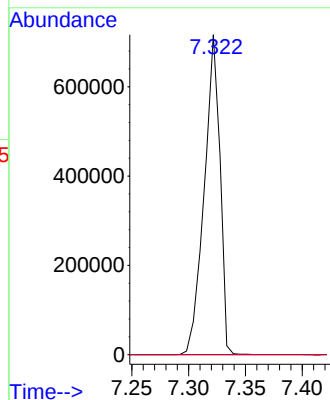
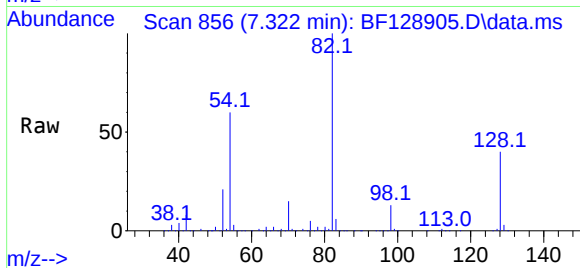




#25
Isophorone
Concen: 48.96 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

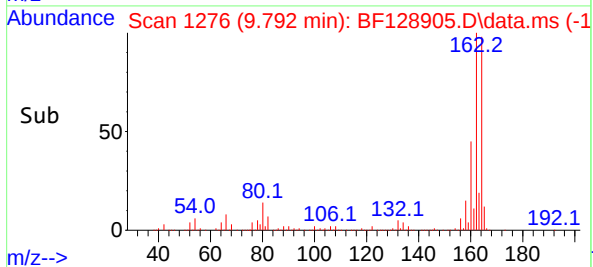
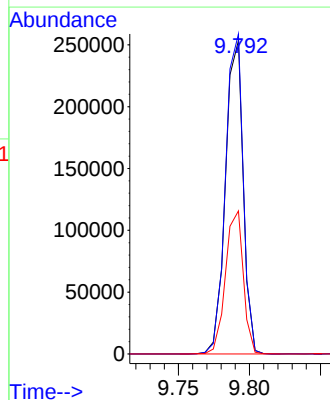
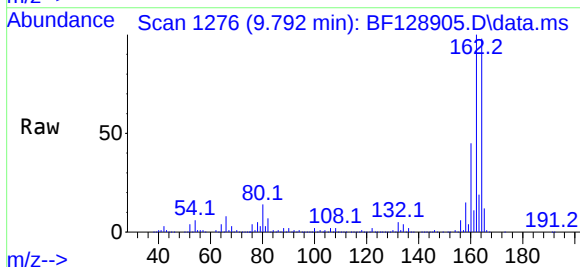
Instrument :
BNA_F
ClientSampleId :
WC-3

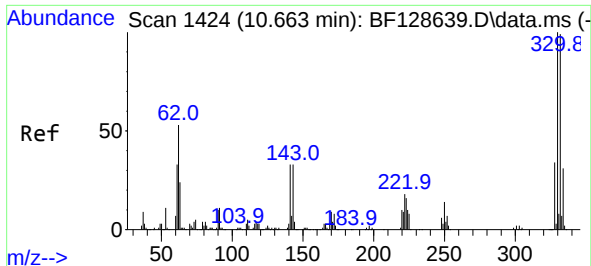
Tgt Ion: 82 Resp: 688604
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

Tgt Ion:164 Resp: 219097
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 83.54 ng

RT: 10.586 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BF128905.D

Acq: 21 Jun 2022 19:00

Instrument :

BNA_F

ClientSampleId :

WC-3

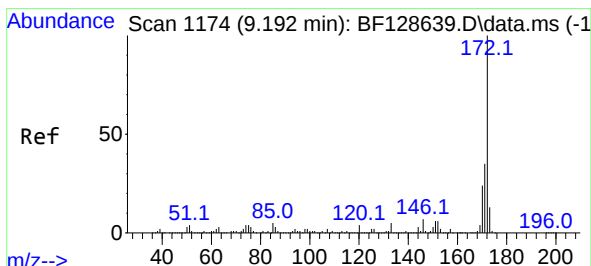
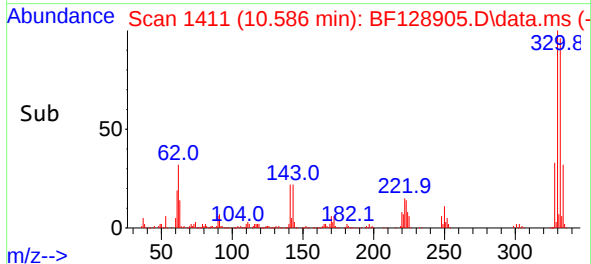
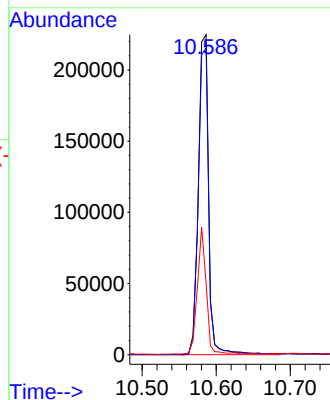
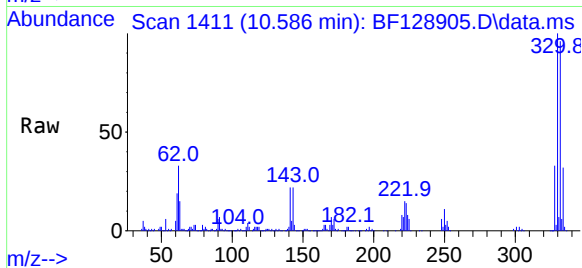
Tgt Ion:330 Resp: 216252

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 34.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.27 ng

RT: 9.116 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF128905.D

Acq: 21 Jun 2022 19:00

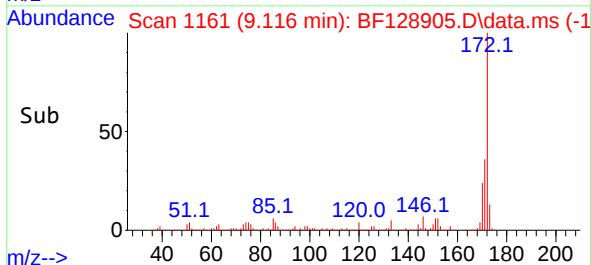
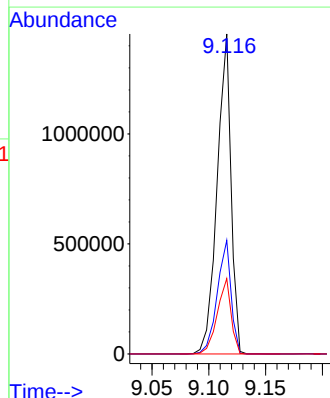
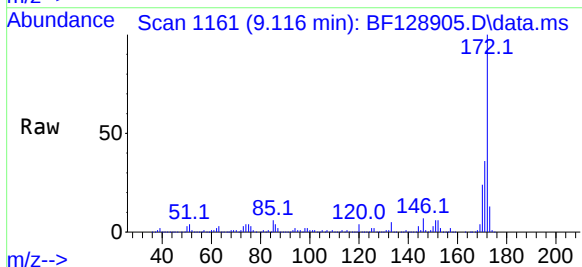
Tgt Ion:172 Resp: 1239837

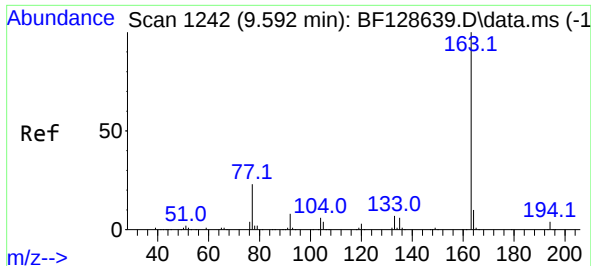
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.8 29.8

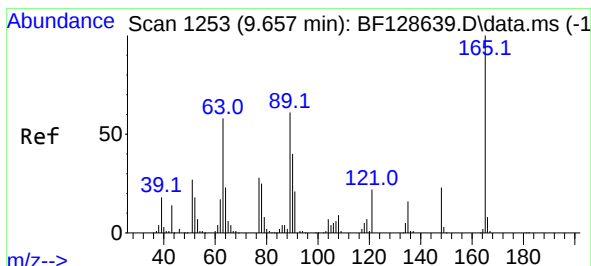
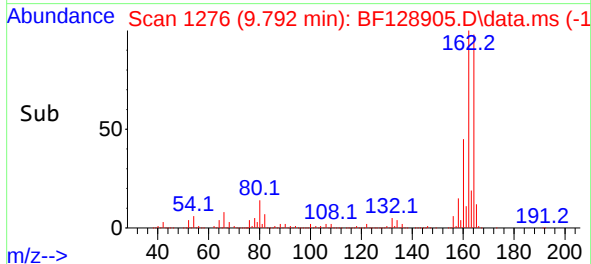
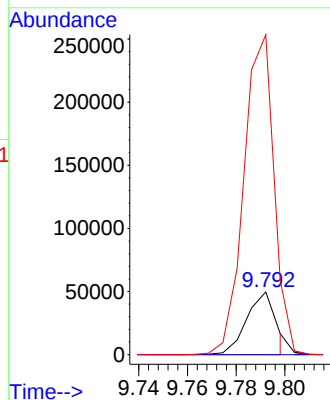
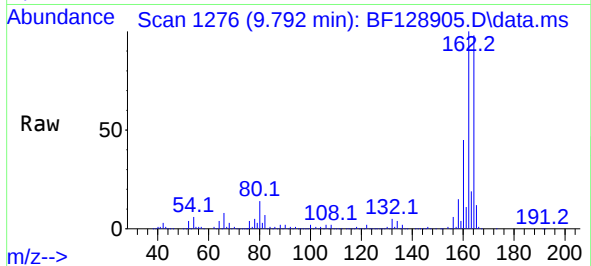




#50
Dimethylphthalate
Concen: 2.76 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.271 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

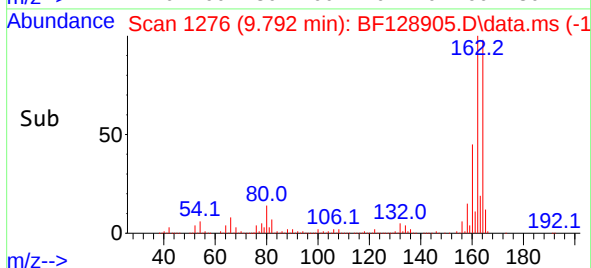
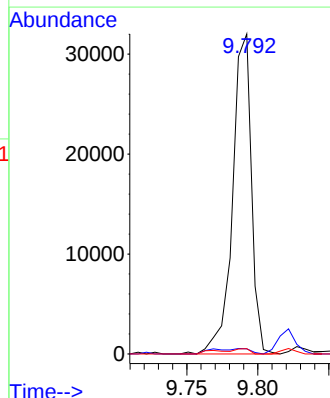
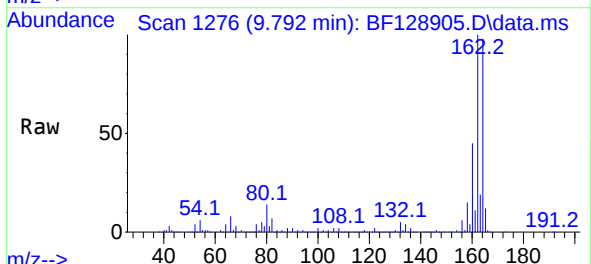
Instrument :
BNA_F
ClientSampleId :
WC-3

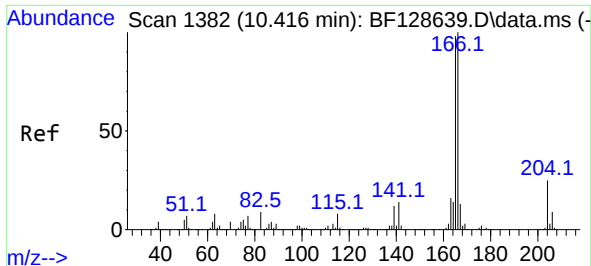
Tgt Ion:163 Resp: 41346
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 510.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.01 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.206 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

Tgt Ion:165 Resp: 29627
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.7 43.6 65.4#

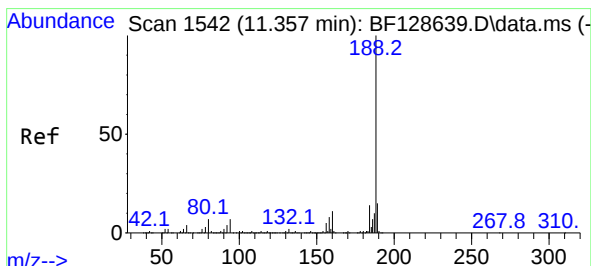
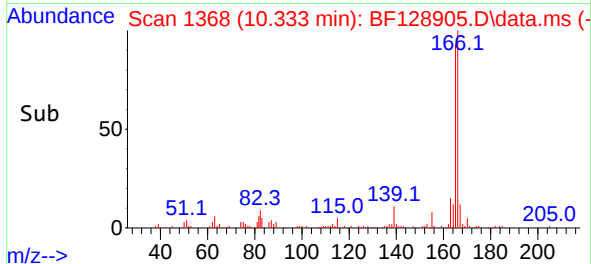
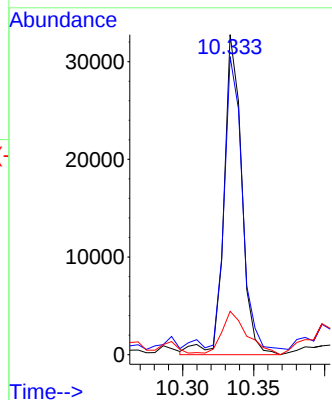
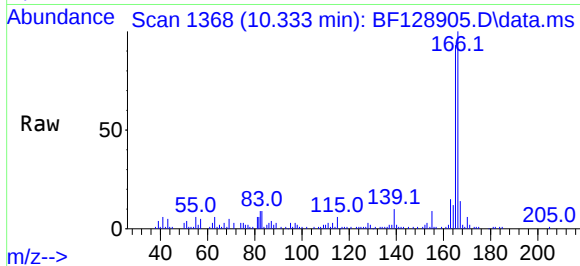




#58
Fluorene
Concen: 2.04 ng
RT: 10.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

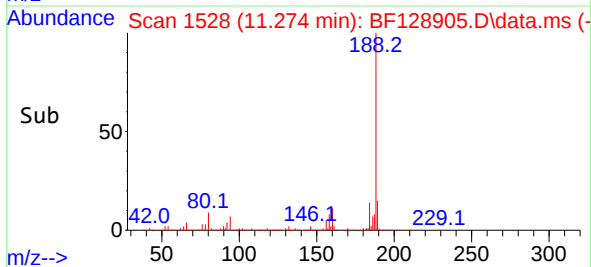
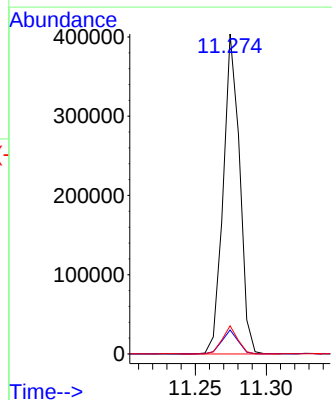
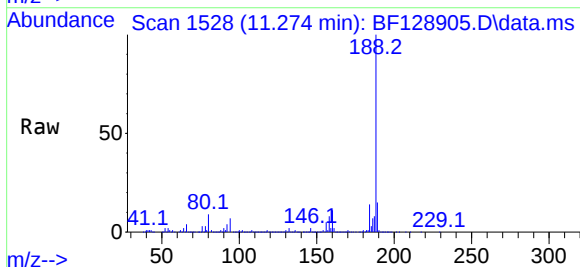
Instrument :
BNA_F
ClientSampleId :
WC-3

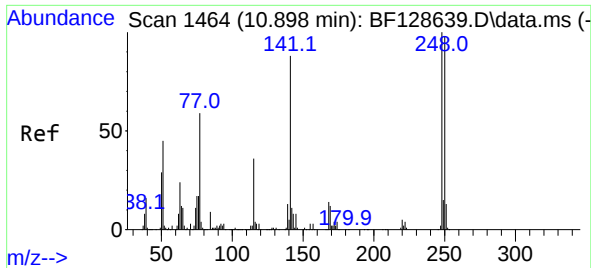
Tgt Ion:166 Resp: 28378
Ion Ratio Lower Upper
166 100
165 93.2 78.1 117.1
167 13.5 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

Tgt Ion:188 Resp: 323370
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.8 7.6 11.4

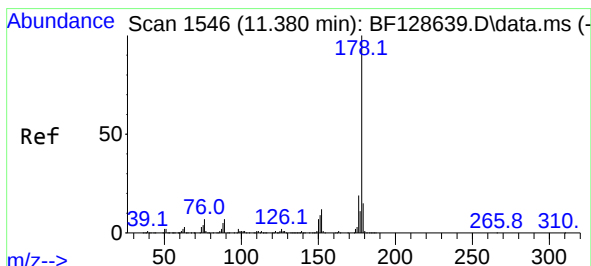
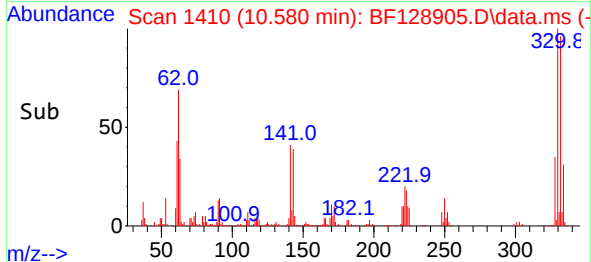
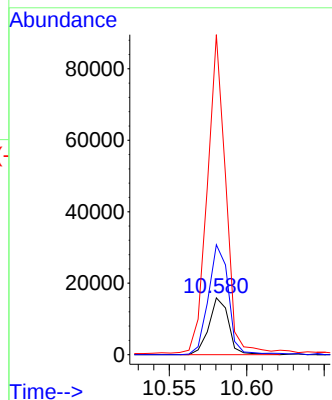
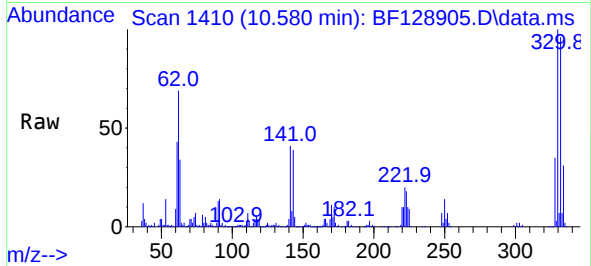




#67
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.580 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

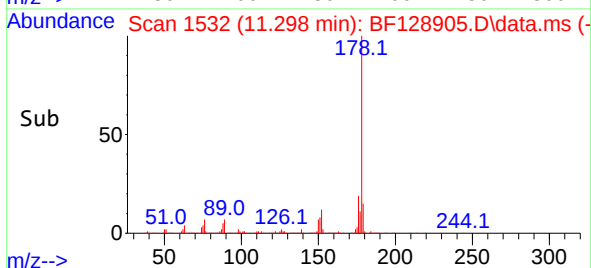
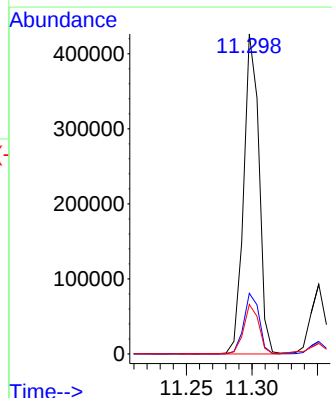
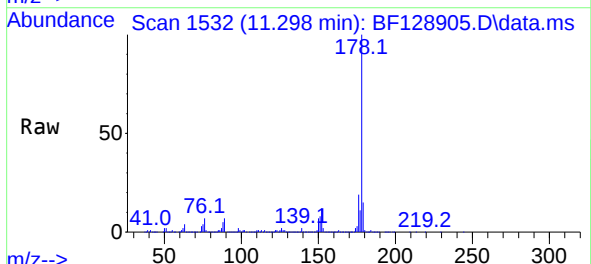
Instrument :
BNA_F
ClientSampleId :
WC-3

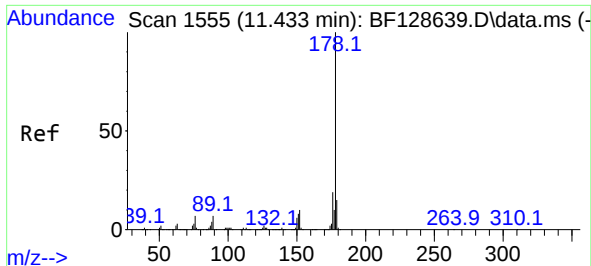
Tgt Ion:248 Resp: 14044
Ion Ratio Lower Upper
248 100
250 193.7 80.6 120.8#
141 563.5 58.9 88.3#



#71
Phenanthrene
Concen: 21.43 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

Tgt Ion:178 Resp: 347618
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.4 12.6 19.0

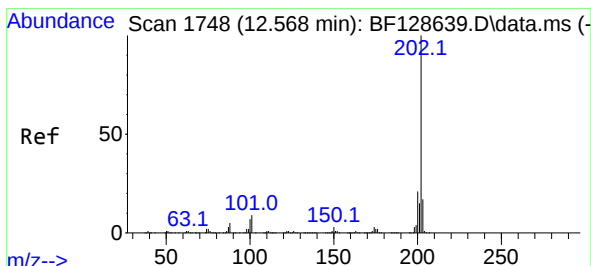
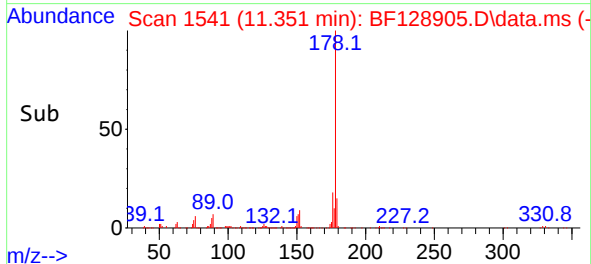
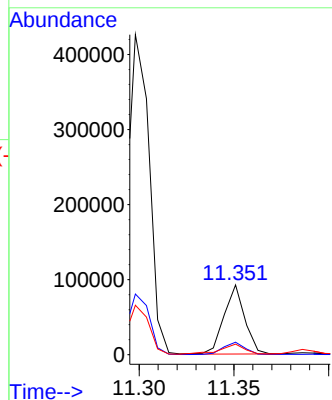
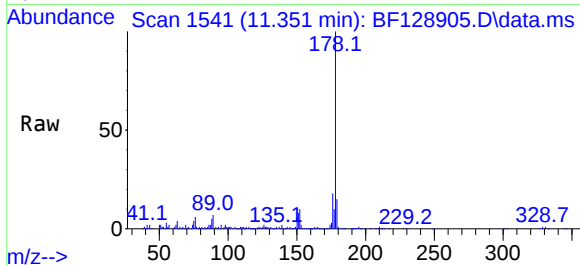




#72
 Anthracene
 Concen: 4.38 ng
 RT: 11.351 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128905.D
 Acq: 21 Jun 2022 19:00

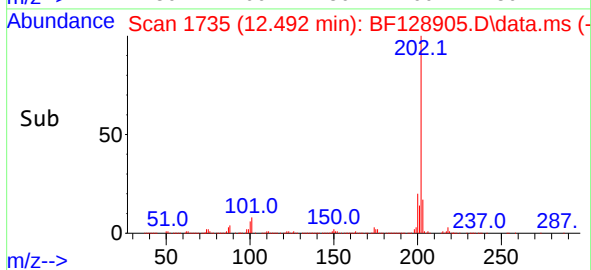
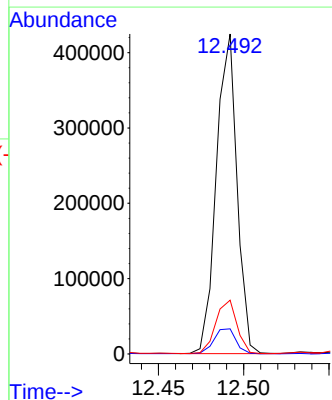
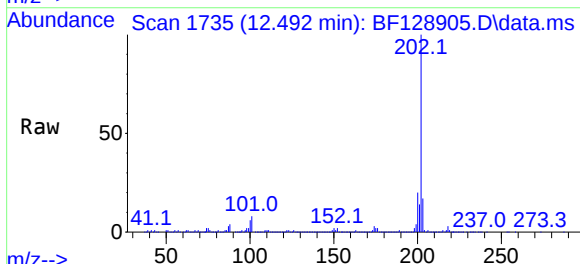
Instrument :
 BNA_F
 ClientSampleId :
 WC-3

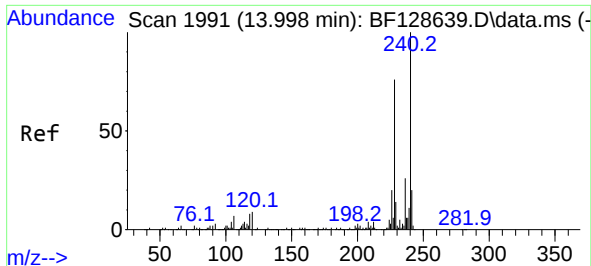
Tgt Ion:178 Resp: 70317
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.4 23.2
 179 15.1 12.6 19.0



#75
 Fluoranthene
 Concen: 21.08 ng
 RT: 12.492 min Scan# 1735
 Delta R.T. -0.006 min
 Lab File: BF128905.D
 Acq: 21 Jun 2022 19:00

Tgt Ion:202 Resp: 357457
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 31.4
 203 16.8 0.0 38.0

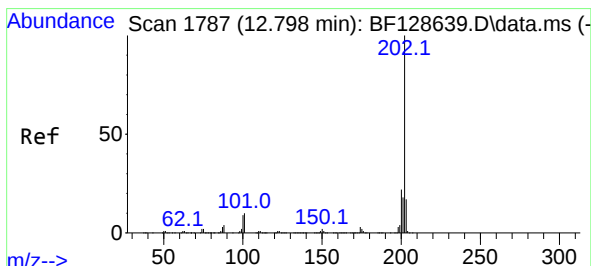
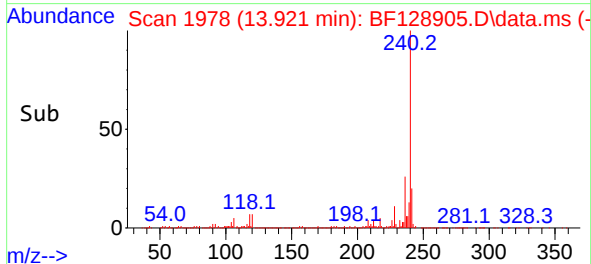
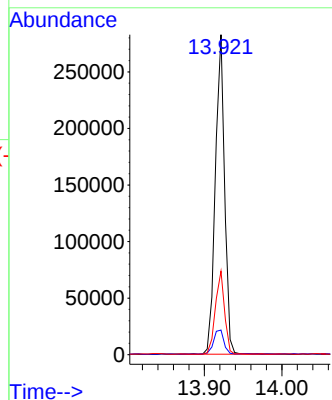
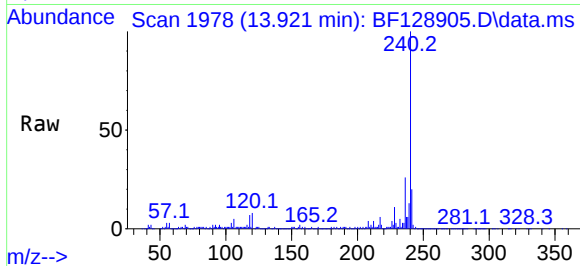




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.921 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

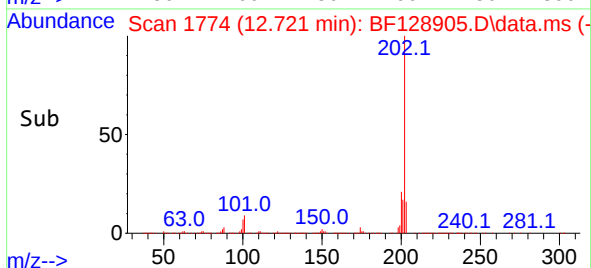
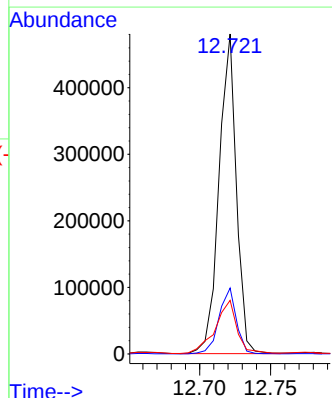
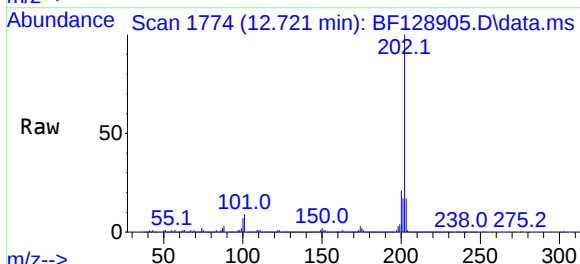
Instrument :
BNA_F
ClientSampleId :
WC-3

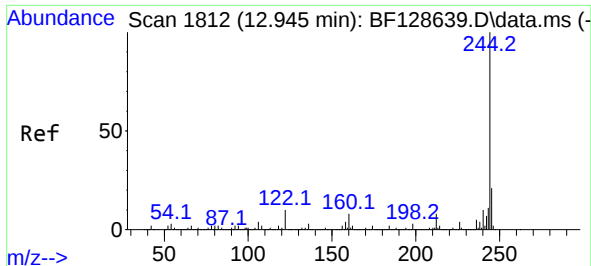
Tgt Ion:240 Resp: 234581
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 26.1 20.8 31.2



#78
Pyrene
Concen: 23.28 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

Tgt Ion:202 Resp: 406333
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 16.8 14.6 21.8

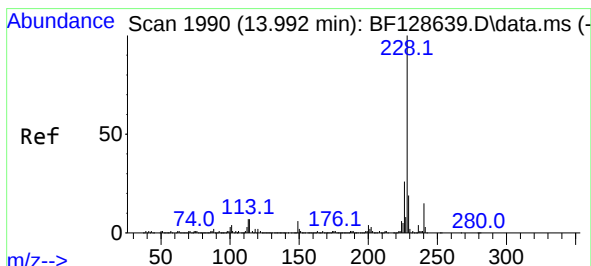
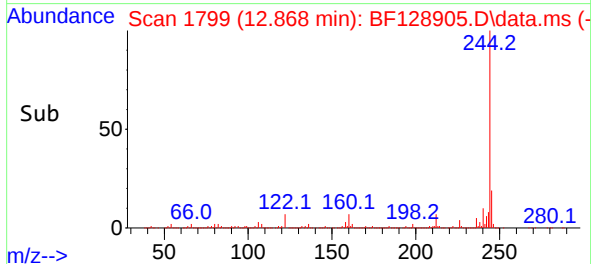
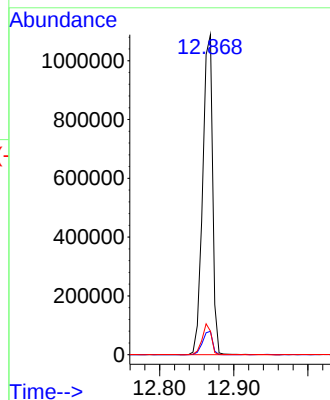
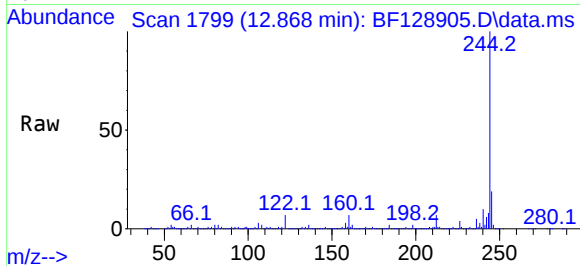




#79
 Terphenyl-d14
 Concen: 74.70 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128905.D
 Acq: 21 Jun 2022 19:00

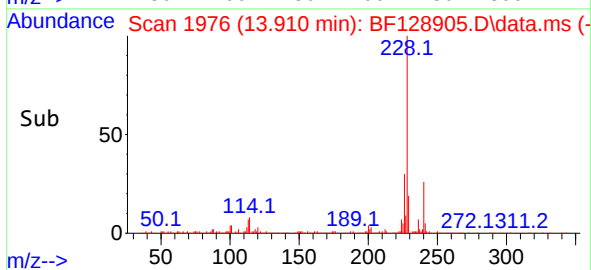
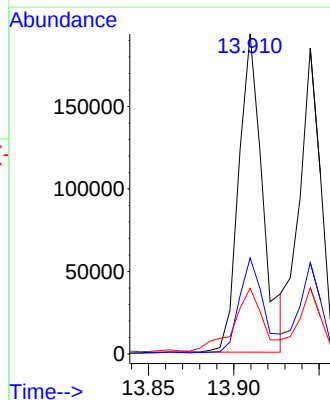
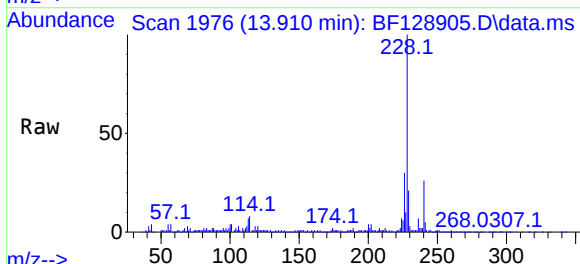
Instrument :
 BNA_F
 ClientSampleId :
 WC-3

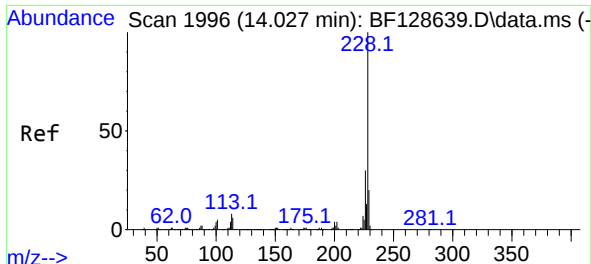
Tgt Ion:244 Resp: 1008473
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 7.3 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 12.82 ng
 RT: 13.910 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: BF128905.D
 Acq: 21 Jun 2022 19:00

Tgt Ion:228 Resp: 187516
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.1 33.1
 229 20.6 15.8 23.8

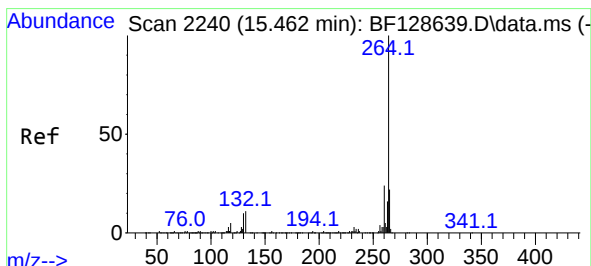
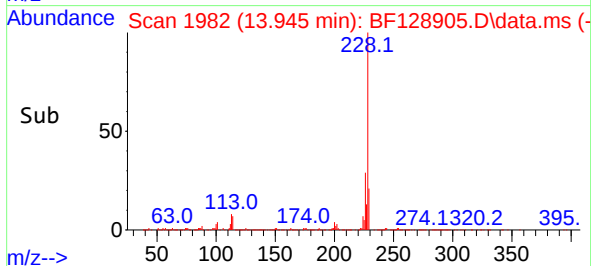
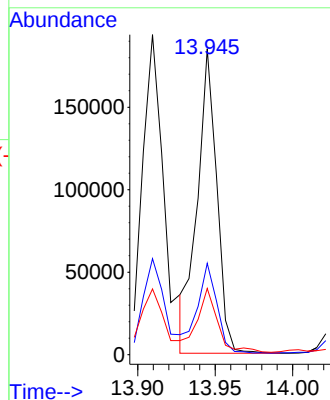
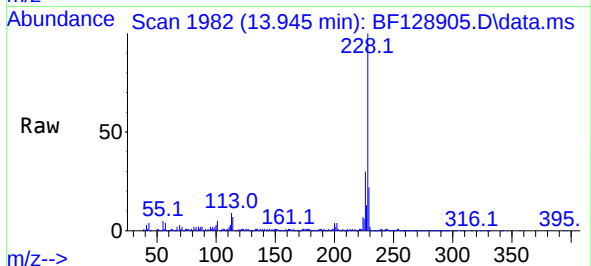




#83
Chrysene
Concen: 11.59 ng
RT: 13.945 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

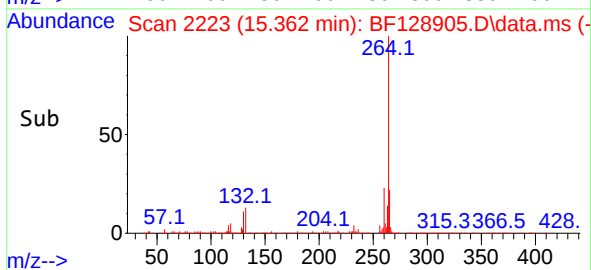
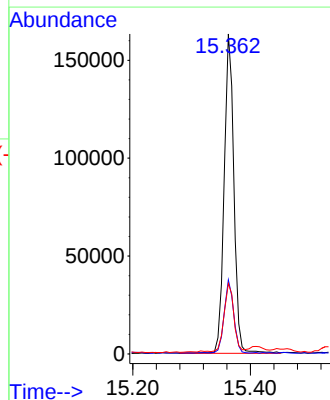
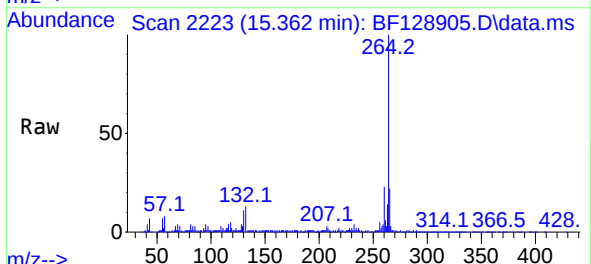
Instrument :
BNA_F
ClientSampleId :
WC-3

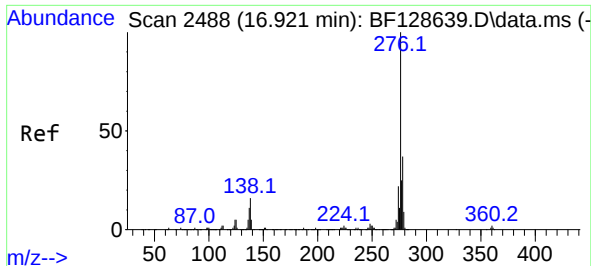
Tgt Ion:228 Resp: 161544
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 21.7 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.362 min Scan# 2223
Delta R.T. -0.000 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

Tgt Ion:264 Resp: 187632
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 22.0 17.2 25.8

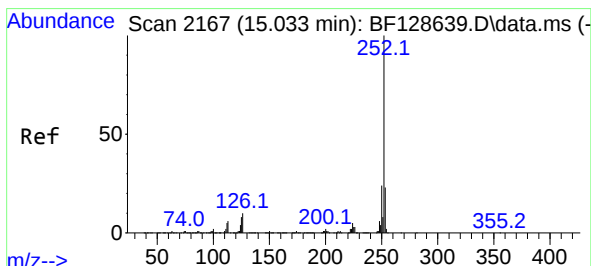
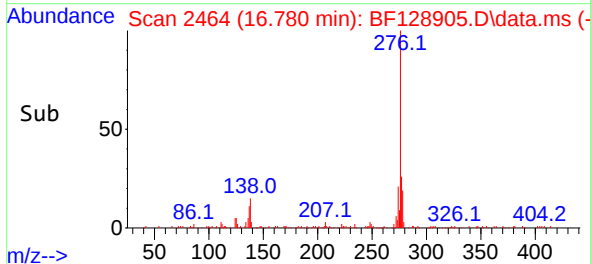
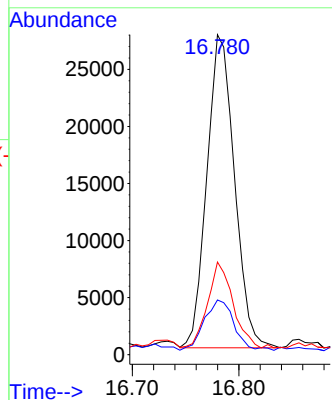
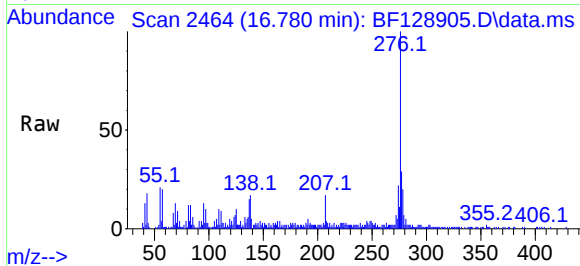




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.37 ng
RT: 16.780 min Scan# 2488
Delta R.T. -0.012 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

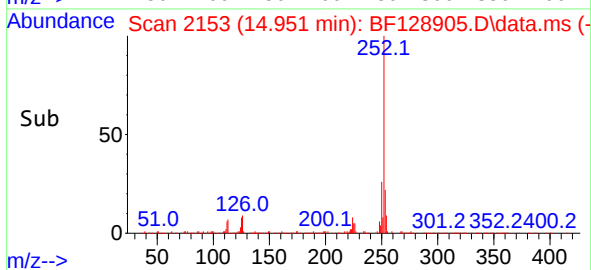
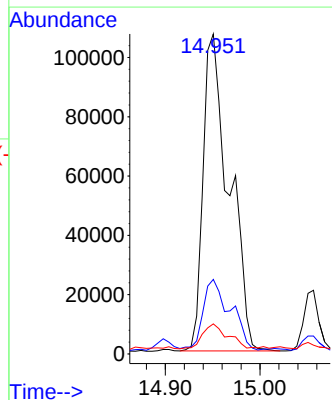
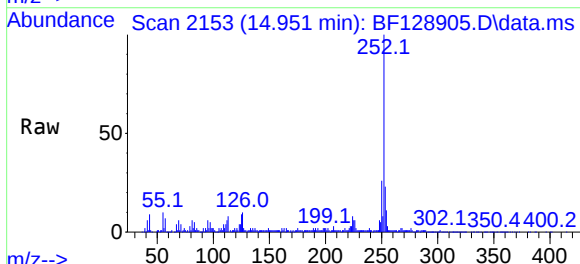
Instrument :
BNA_F
ClientSampleId :
WC-3

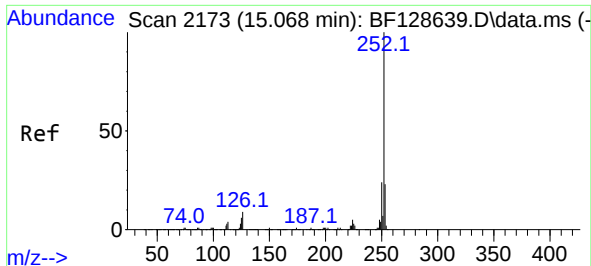
Tgt Ion:276 Resp: 49417
Ion Ratio Lower Upper
276 100
138 17.2 21.1 31.7#
277 25.7 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 16.94 ng
RT: 14.951 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

Tgt Ion:252 Resp: 203160
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 18.01 ng

RT: 14.951 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF128905.D

Acq: 21 Jun 2022 19:00

Instrument :

BNA_F

ClientSampleId :

WC-3

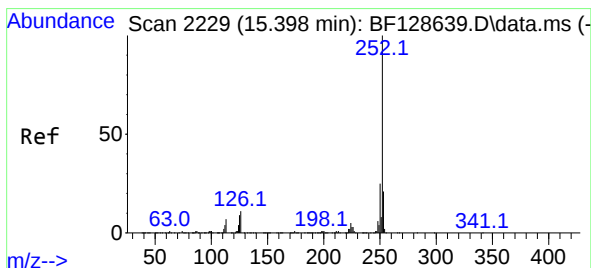
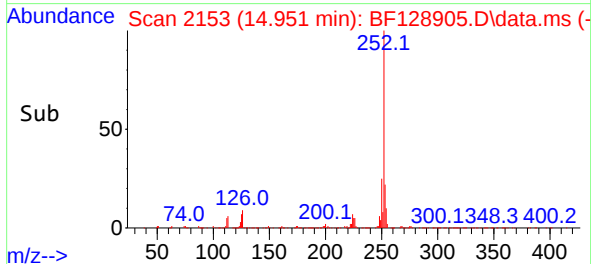
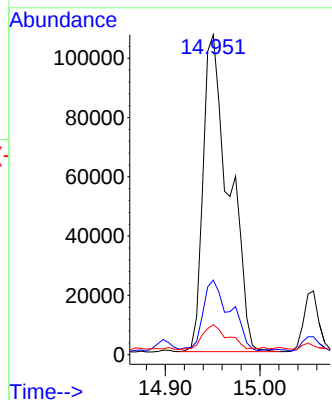
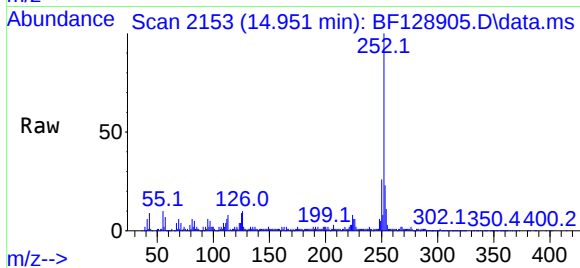
Tgt Ion:252 Resp: 203160

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 9.4 8.3 12.5



#90

Benzo(a)pyrene

Concen: 11.42 ng

RT: 15.304 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF128905.D

Acq: 21 Jun 2022 19:00

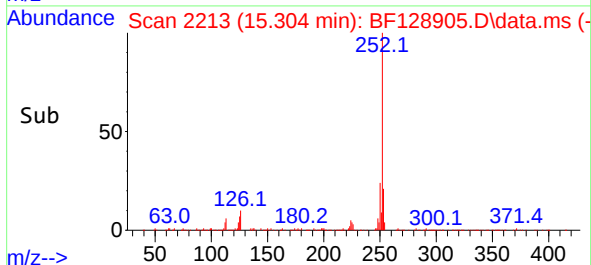
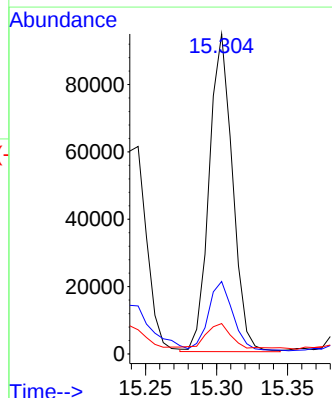
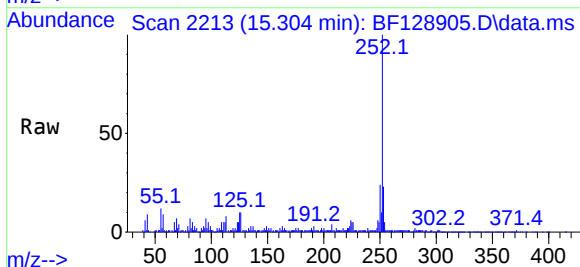
Tgt Ion:252 Resp: 107623

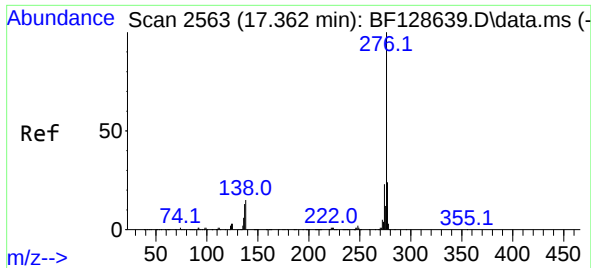
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

125 9.5 8.8 13.2





#92
Benzo(g,h,i)perylene
Concen: 5.18 ng
RT: 17.215 min Scan# 2538
Delta R.T. -0.000 min
Lab File: BF128905.D
Acq: 21 Jun 2022 19:00

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:276 Resp: 48147
Ion Ratio Lower Upper
276 100
277 27.3 19.1 28.7
138 15.7 18.0 27.0#

