

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128005.D
 Acq On : 29 Apr 2022 20:07
 Operator : CG\JU
 Sample : N2609-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: May 02 00:58:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

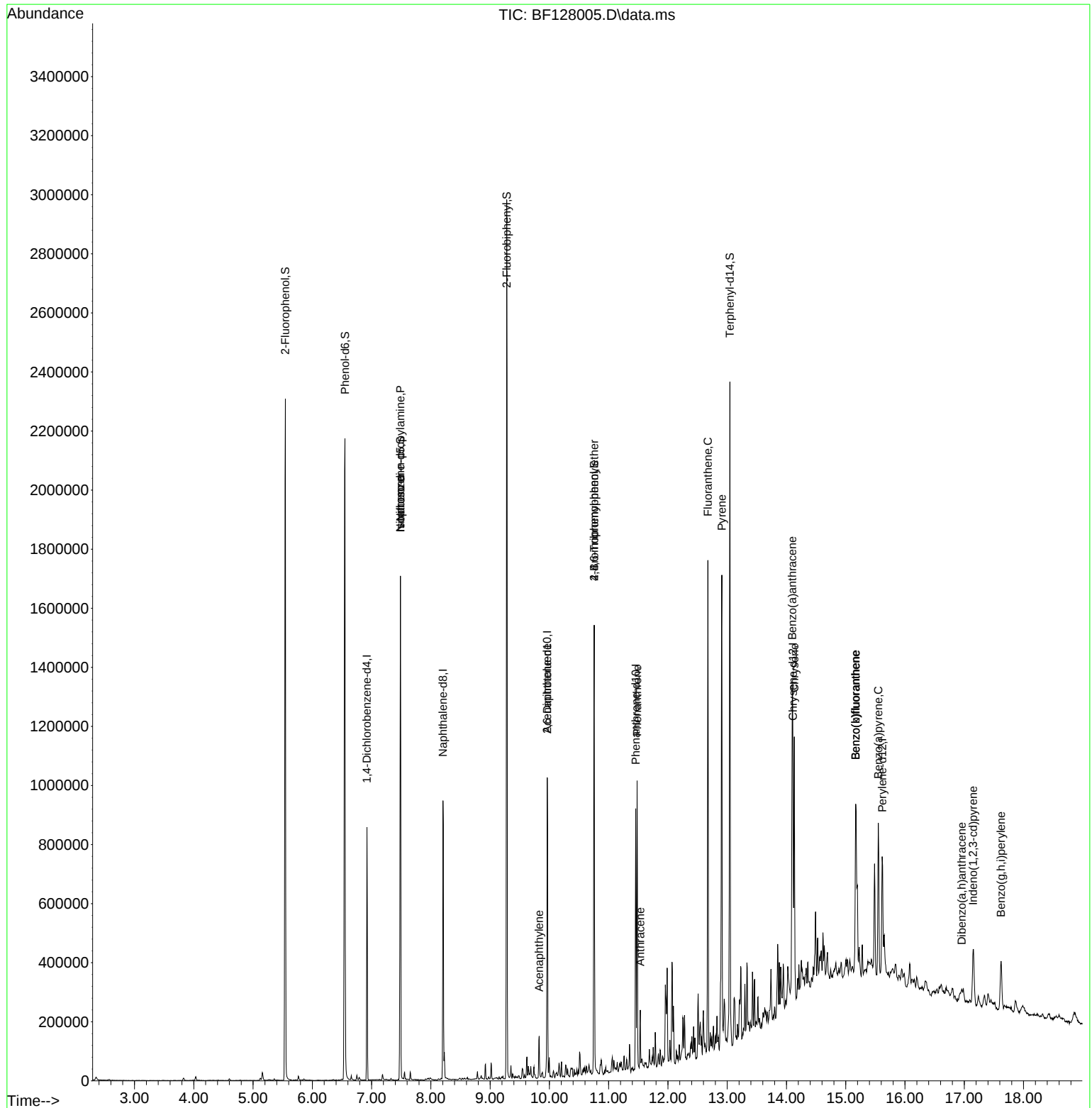
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	108026	20.000	ng	-0.01
21) Naphthalene-d8	8.204	136	406784	20.000	ng	-0.01
39) Acenaphthene-d10	9.963	164	208213	20.000	ng	-0.01
64) Phenanthrene-d10	11.457	188	311329	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	229449	20.000	ng	0.00
86) Perylene-d12	15.615	264	171594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	595242	87.765	ng	0.00
7) Phenol-d6	6.551	99	775534	88.125	ng	-0.01
23) Nitrobenzene-d5	7.486	82	559416	64.668	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	166588	79.478	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	879044	71.423	ng	-0.01
79) Terphenyl-d14	13.045	244	714638	56.952	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	76134	14.133	ng	# 78
25) Isophorone	7.486	82	559408	38.422	ng	# 68
49) Acenaphthylene	9.827	152	55929	3.114	ng	98
51) 2,6-Dinitrotoluene	9.963	165	27568	9.118	ng	# 22
67) 4-Bromophenyl-phenylether	10.757	248	10545	3.055	ng	# 1
71) Phenanthrene	11.480	178	327394	20.090	ng	99
72) Anthracene	11.533	178	73502	4.528	ng	98
75) Fluoranthene	12.674	202	609337	35.526	ng	98
78) Pyrene	12.910	202	658738	35.565	ng	99
81) Benzo(a)anthracene	14.098	228	331488	21.675	ng	93
83) Chrysene	14.133	228	351103	24.039	ng	99
87) Indeno(1,2,3-cd)pyrene	17.151	276	137392	11.996	ng	94
88) Benzo(b)fluoranthene	15.168	252	472471	43.838	ng	98
89) Benzo(k)fluoranthene	15.168	252	472085	43.477	ng	# 96
90) Benzo(a)pyrene	15.551	252	251299	28.110	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	31297	3.407	ng	94
92) Benzo(g,h,i)perylene	17.621	276	138171	14.273	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128005.D
Acq On : 29 Apr 2022 20:07
Operator : CG\JU
Sample : N2609-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Time: May 02 00:58:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

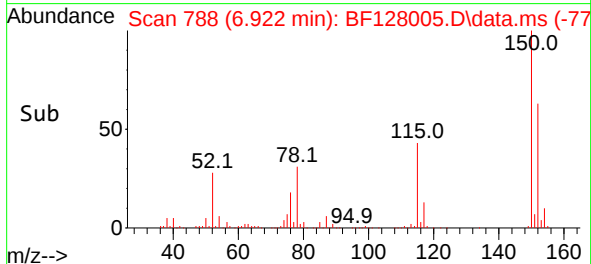
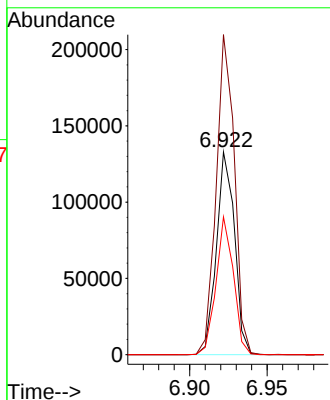
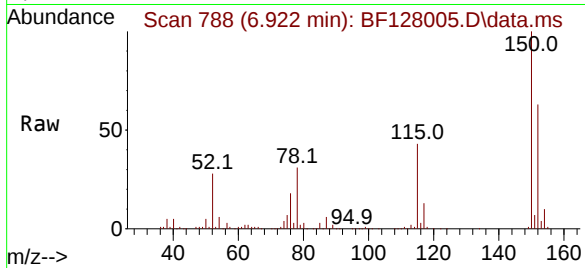




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

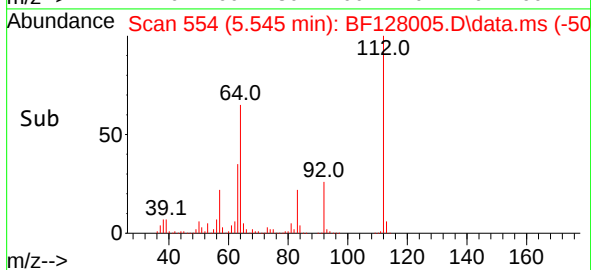
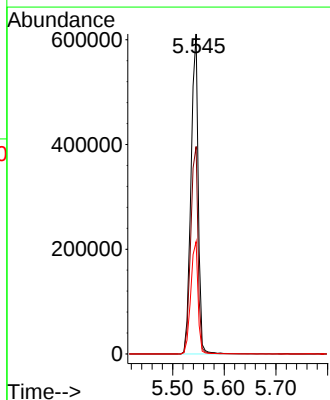
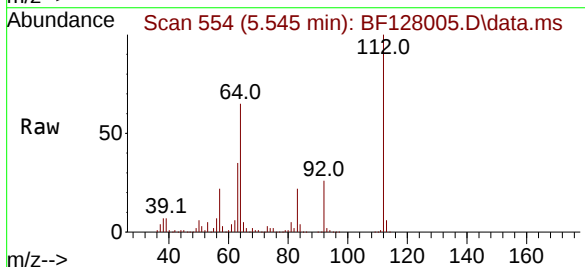
Instrument :
BNA_F
ClientSampleId :
WC-3

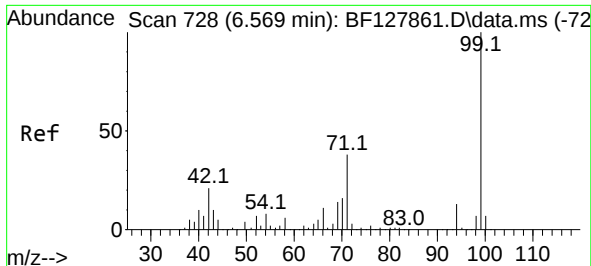
Tgt Ion:152 Resp: 108026
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 68.0 48.8 73.2



#5
2-Fluorophenol
Concen: 87.765 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

Tgt Ion:112 Resp: 595242
Ion Ratio Lower Upper
112 100
64 64.8 49.5 74.3
63 35.1 26.3 39.5

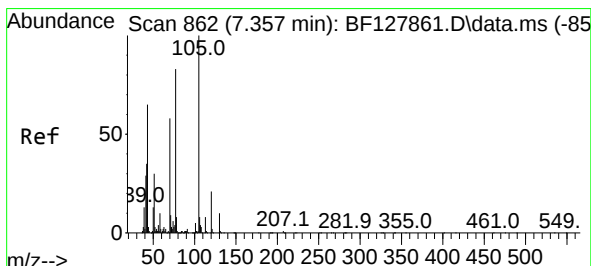
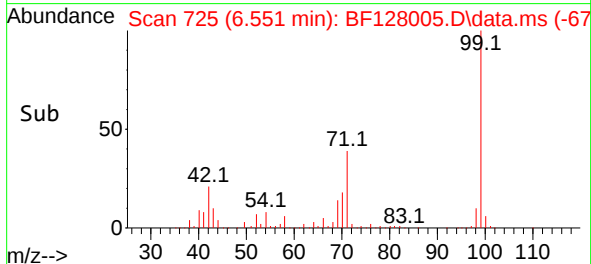
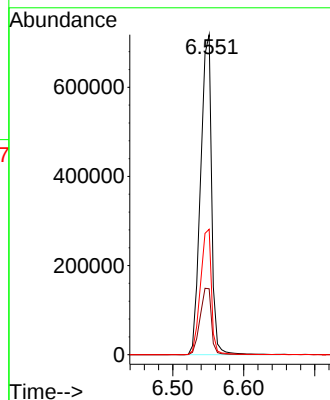
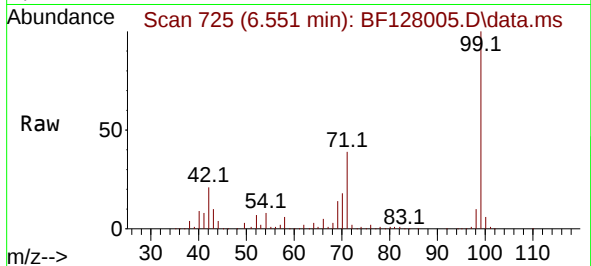




#7
Phenol-d6
Concen: 88.125 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

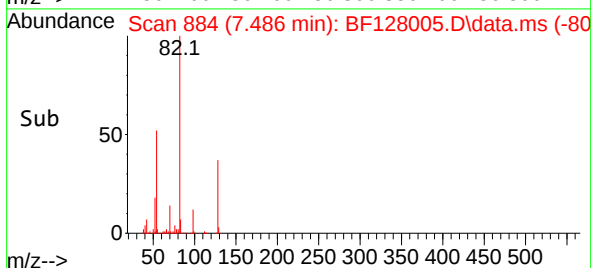
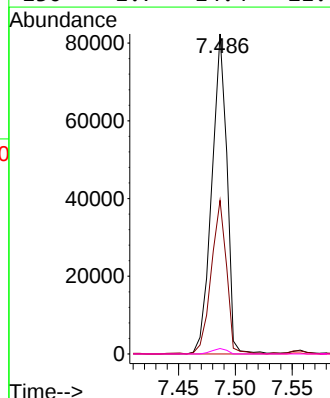
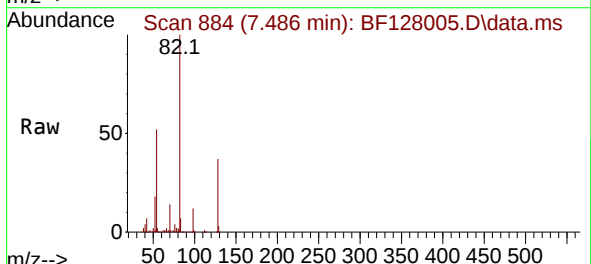
Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 775534
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 39.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.133 ng
RT: 7.486 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

Tgt Ion: 70 Resp: 76134
Ion Ratio Lower Upper
70 100
42 48.0 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

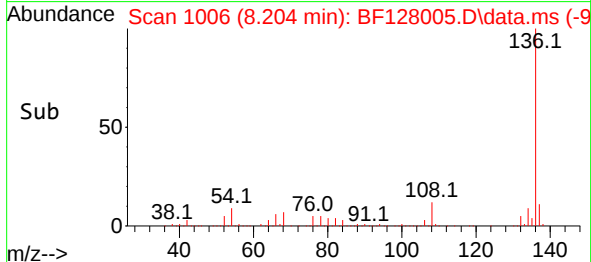
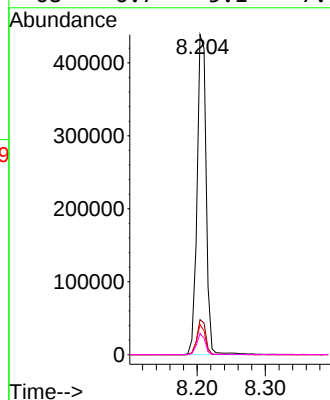
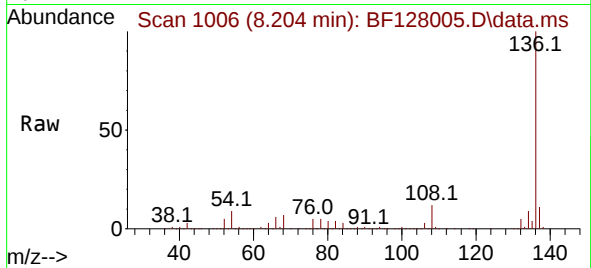




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

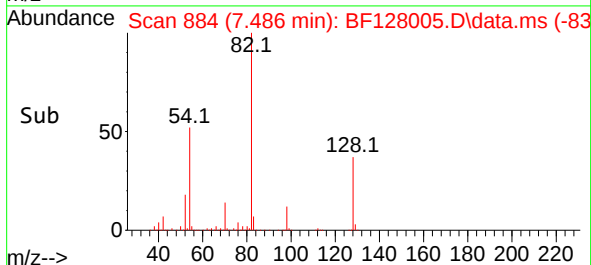
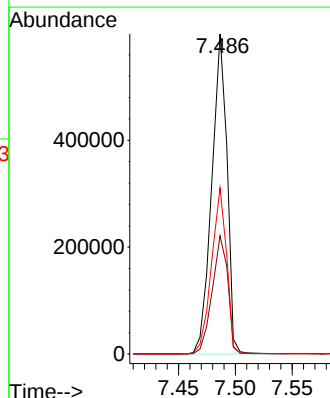
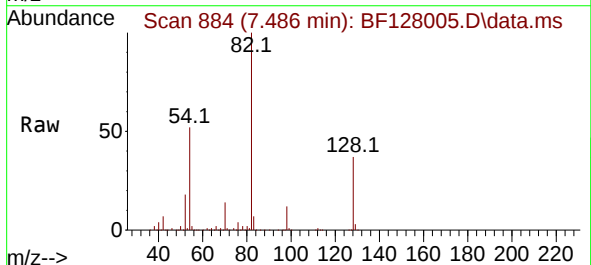
Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:136	Resp: 406784
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 9.4	6.8 10.2
68 6.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 64.668 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

Tgt Ion: 82	Resp: 559416
Ion Ratio	Lower Upper
82 100	
128 36.9	30.0 45.0
54 51.9	41.3 61.9

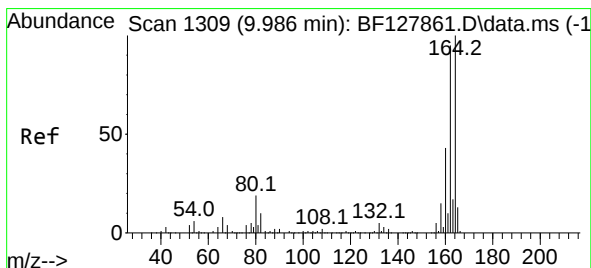
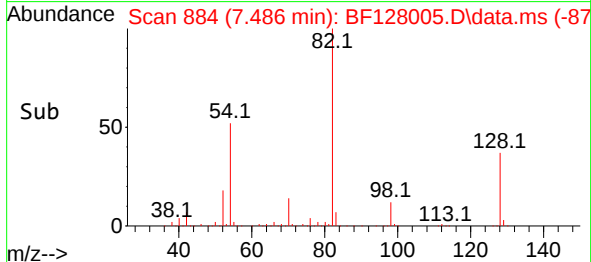
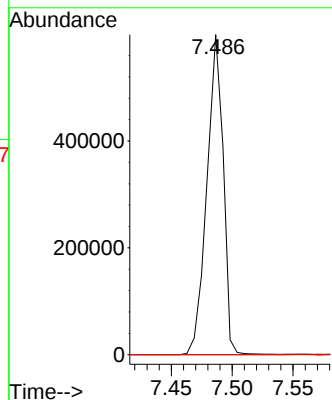
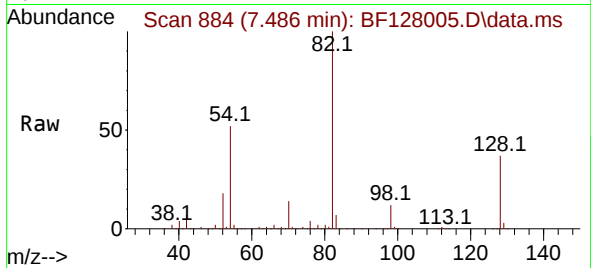




#25
Isophorone
Concen: 38.422 ng
RT: 7.486 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

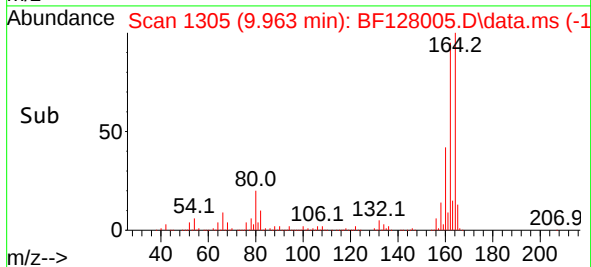
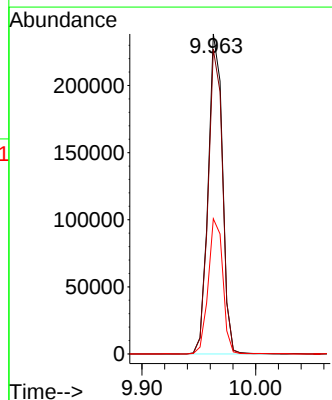
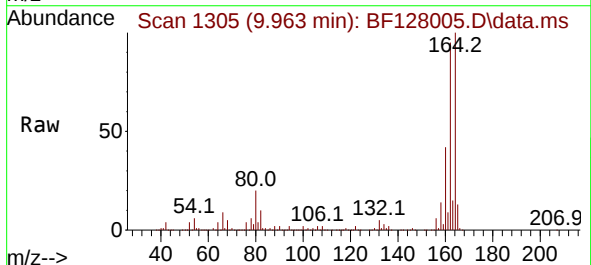
Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion: 82 Resp: 559408
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

Tgt Ion:164 Resp: 208213
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 42.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 79.478 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF128005.D

Acq: 29 Apr 2022 20:07

Instrument :

BNA_F

ClientSampleId :

WC-3

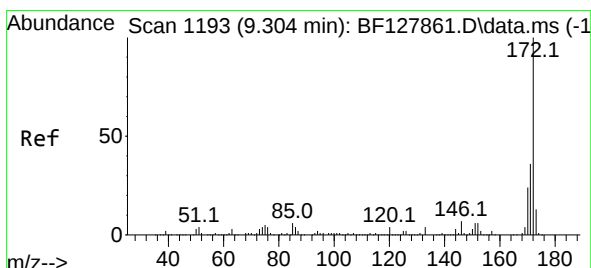
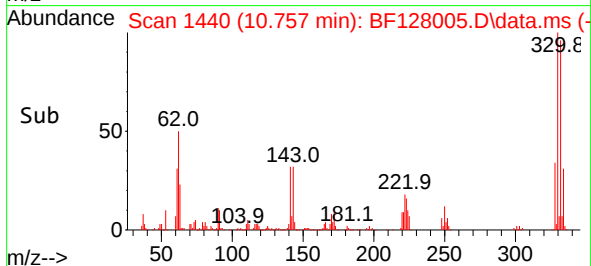
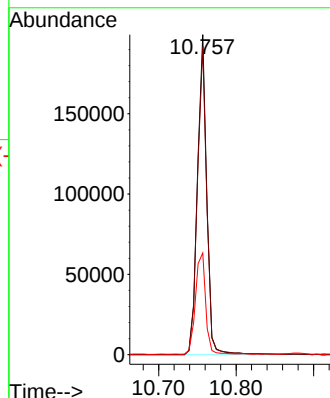
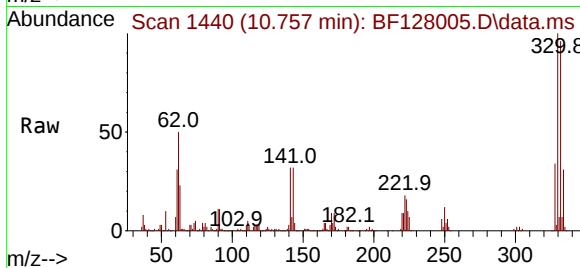
Tgt Ion:330 Resp: 166588

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

141 34.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 71.423 ng

RT: 9.280 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BF128005.D

Acq: 29 Apr 2022 20:07

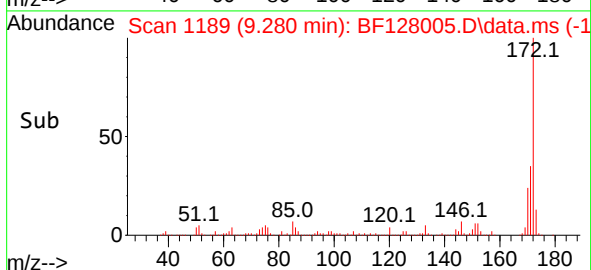
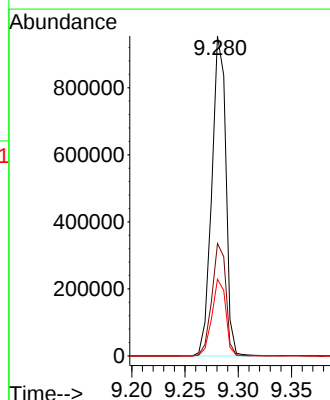
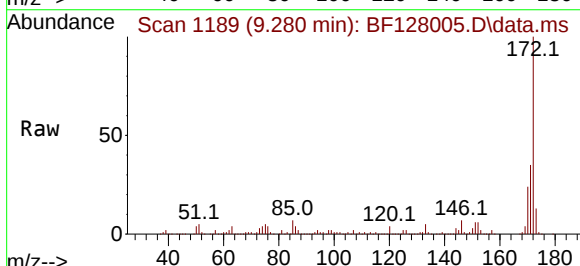
Tgt Ion:172 Resp: 879044

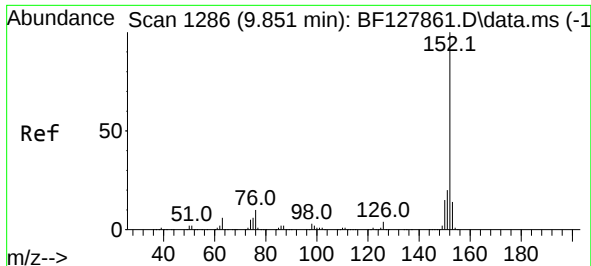
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

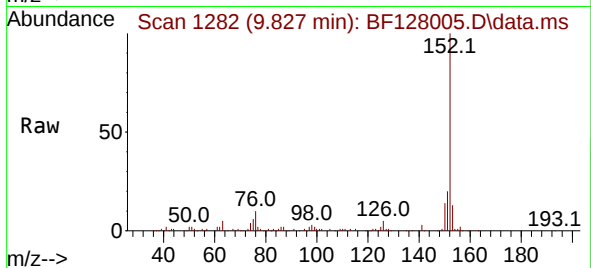
170 24.0 19.1 28.7



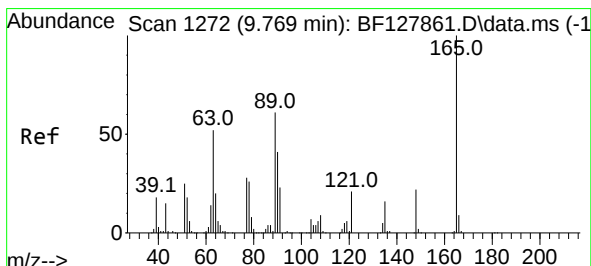
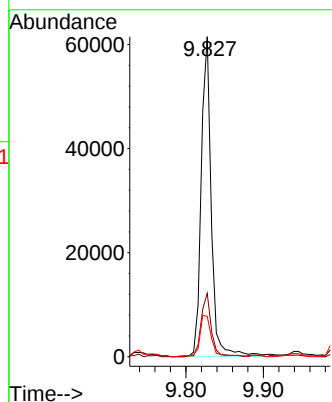
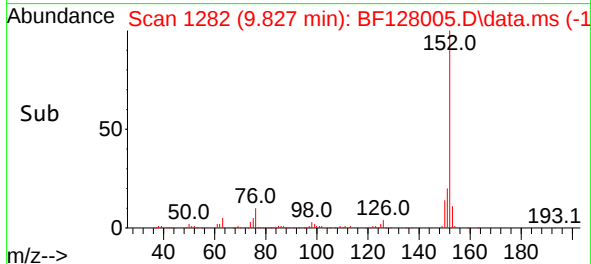


#49
Acenaphthylene
Concen: 3.114 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

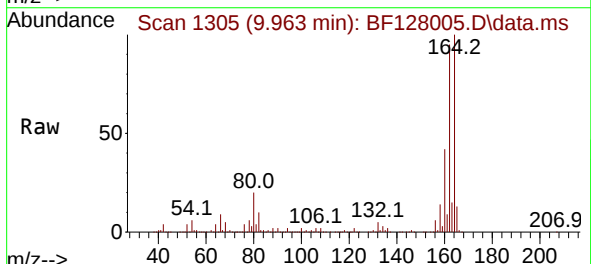
Instrument :
BNA_F
ClientSampleId :
WC-3



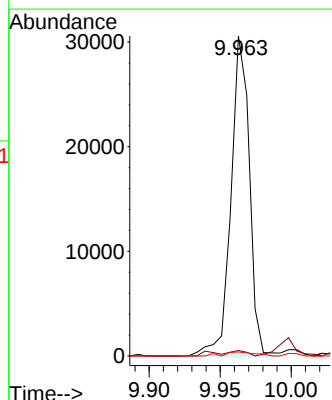
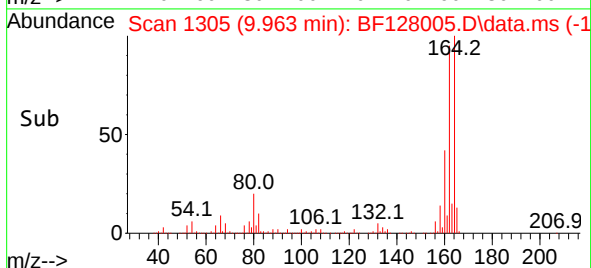
Tgt Ion:152 Resp: 55929
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 12.6 11.2 16.8



#51
2,6-Dinitrotoluene
Concen: 9.118 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.200 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07



Tgt Ion:165 Resp: 27568
Ion Ratio Lower Upper
165 100
63 1.7 49.5 74.3#
89 1.2 49.0 73.4#

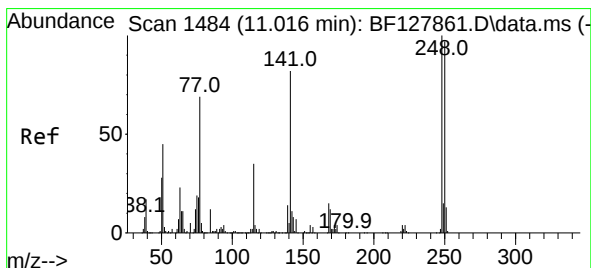
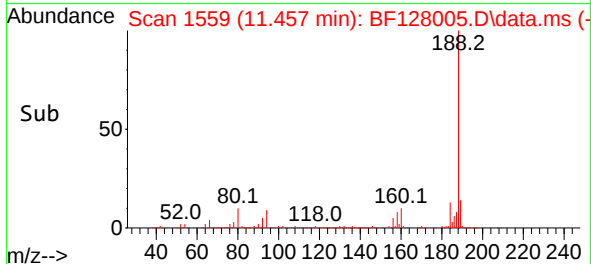
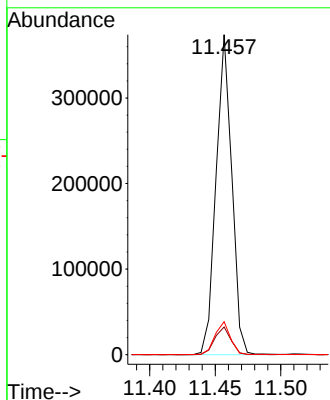
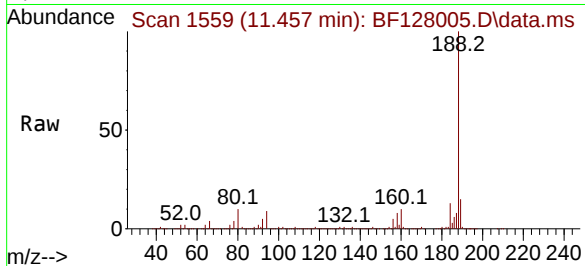




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

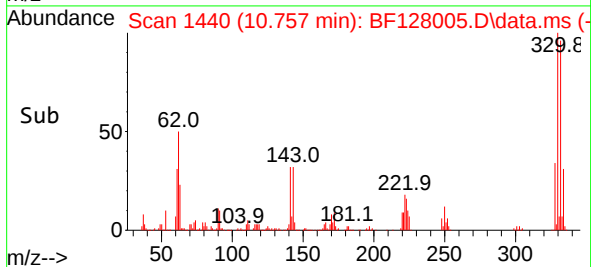
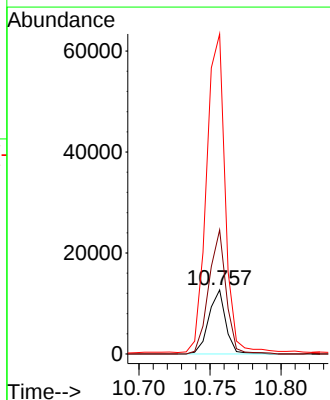
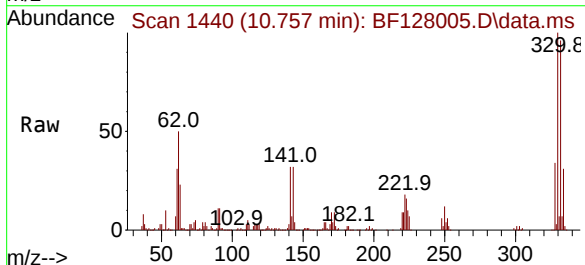
Instrument :
BNA_F
ClientSampleId :
WC-3

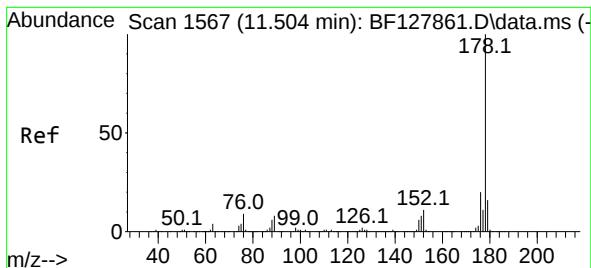
Tgt Ion:188 Resp: 311329
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 10.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.055 ng
RT: 10.757 min Scan# 1440
Delta R.T. -0.253 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

Tgt Ion:248 Resp: 10545
Ion Ratio Lower Upper
248 100
250 193.6 77.7 116.5#
141 499.8 65.6 98.4#





#71

Phenanthrene

Concen: 20.090 ng

RT: 11.480 min Scan# 1563

Delta R.T. -0.012 min

Lab File: BF128005.D

Acq: 29 Apr 2022 20:07

Instrument :

BNA_F

ClientSampleId :

WC-3

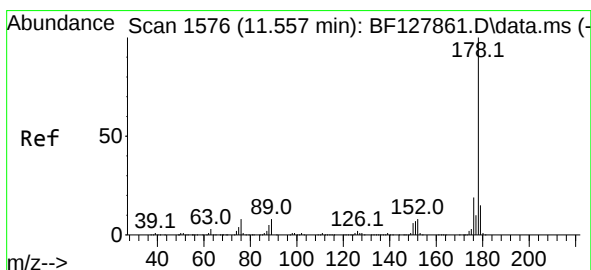
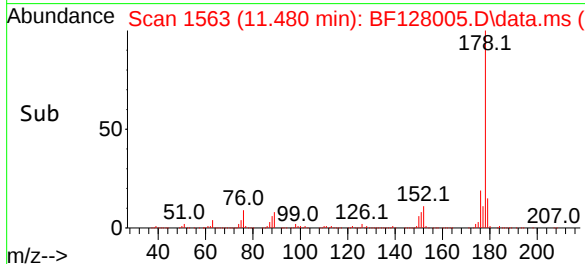
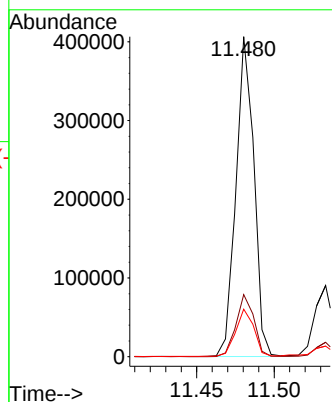
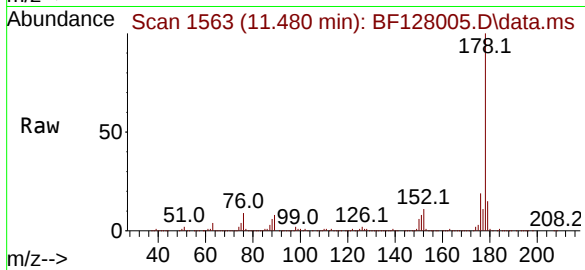
Tgt Ion:178 Resp: 327394

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 14.9 12.6 19.0



#72

Anthracene

Concen: 4.528 ng

RT: 11.533 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF128005.D

Acq: 29 Apr 2022 20:07

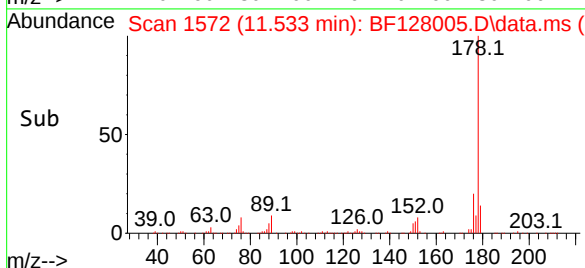
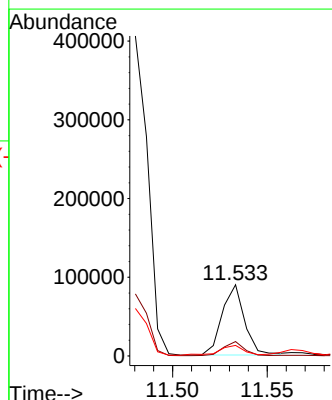
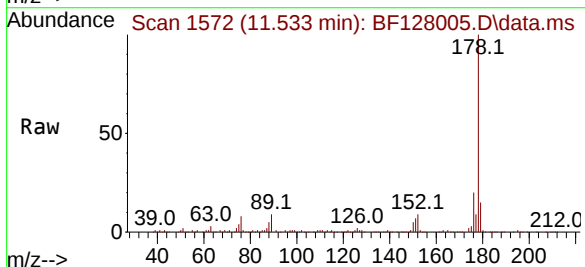
Tgt Ion:178 Resp: 73502

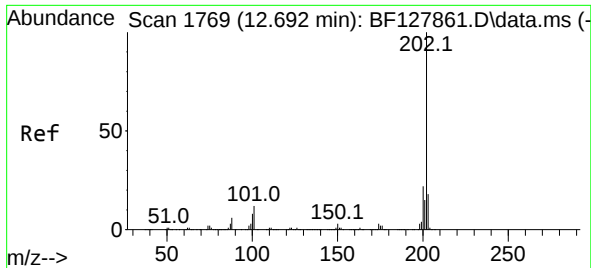
Ion Ratio Lower Upper

178 100

176 20.3 15.0 22.6

179 14.9 12.4 18.6

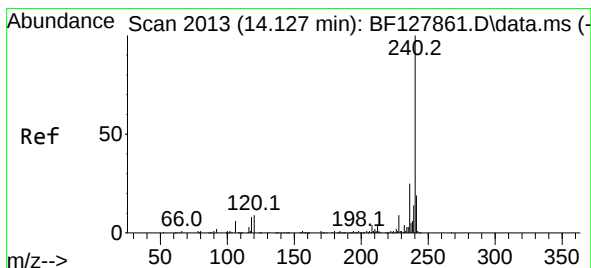
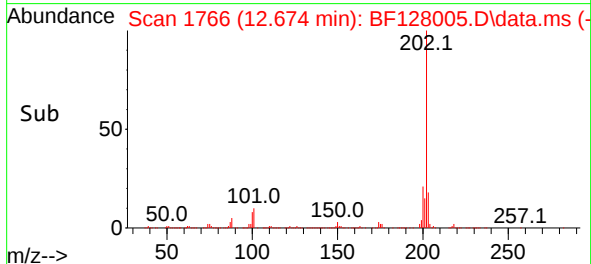
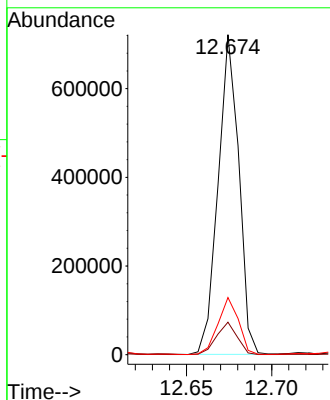
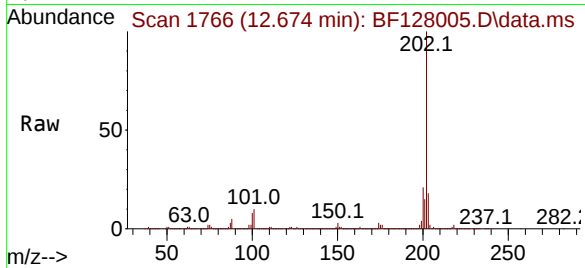




#75
Fluoranthene
Concen: 35.526 ng
RT: 12.674 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

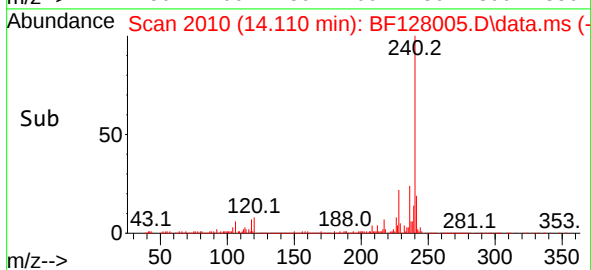
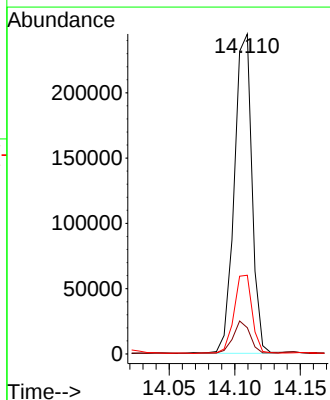
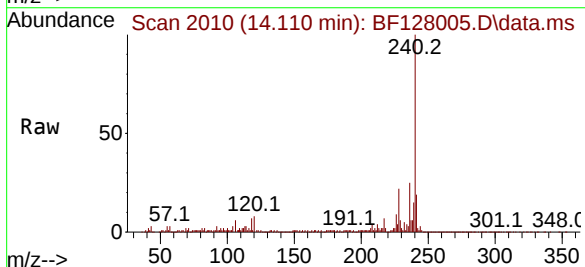
Instrument :
BNA_F
ClientSampleId :
WC-3

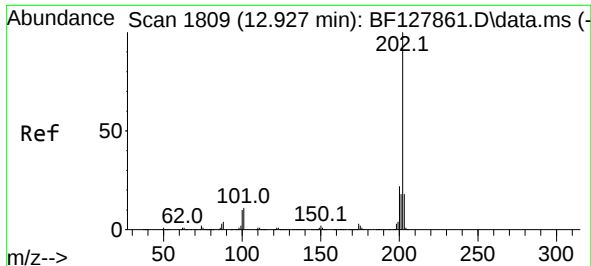
Tgt Ion:202 Resp: 609337
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.6
203 17.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

Tgt Ion:240 Resp: 229449
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 24.6 20.3 30.5

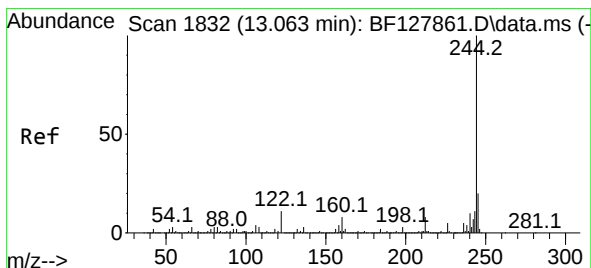
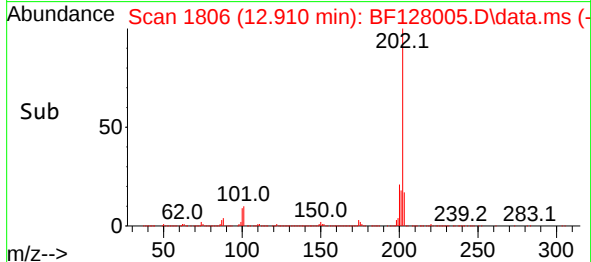
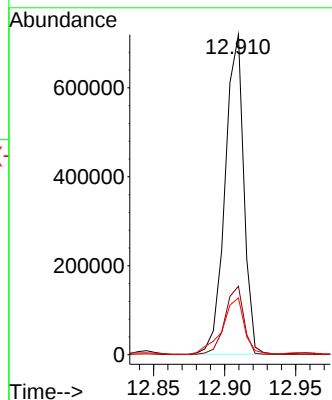
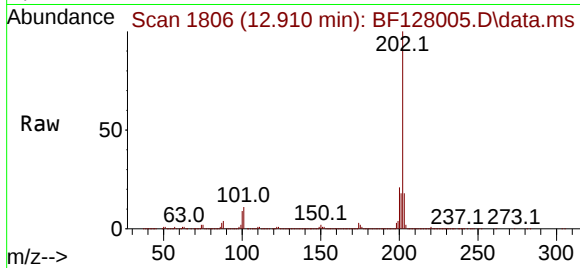




#78
Pyrene
Concen: 35.565 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

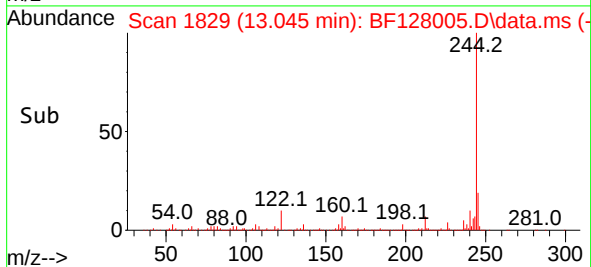
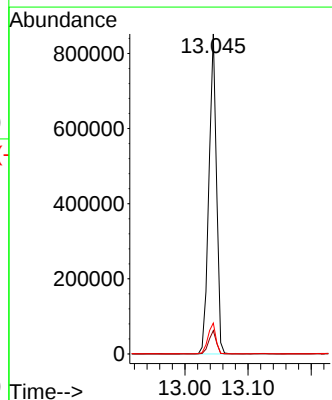
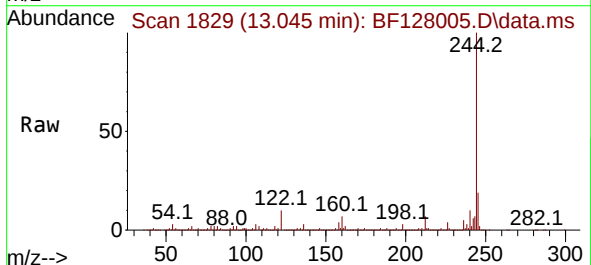
Instrument :
BNA_F
ClientSampleId :
WC-3

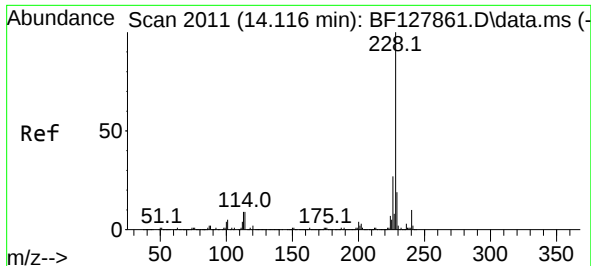
Tgt Ion:202 Resp: 658738
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.8 14.0 21.0



#79
Terphenyl-d14
Concen: 56.952 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

Tgt Ion:244 Resp: 714638
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 9.7 8.6 12.8

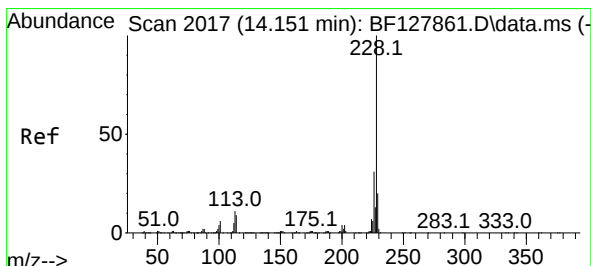
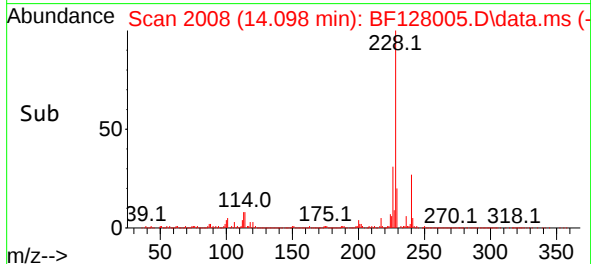
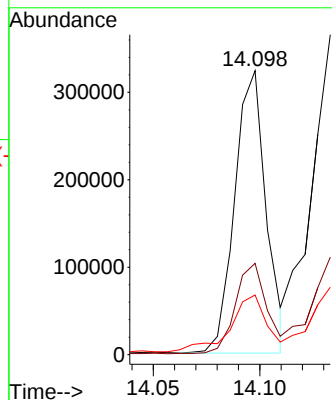
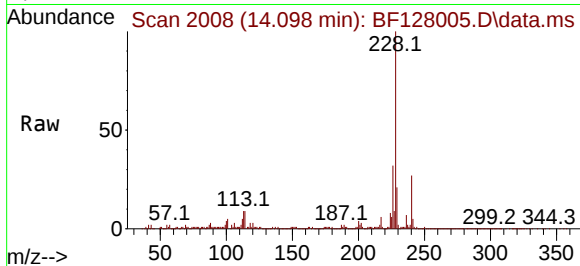




#81
Benzo(a)anthracene
Concen: 21.675 ng
RT: 14.098 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

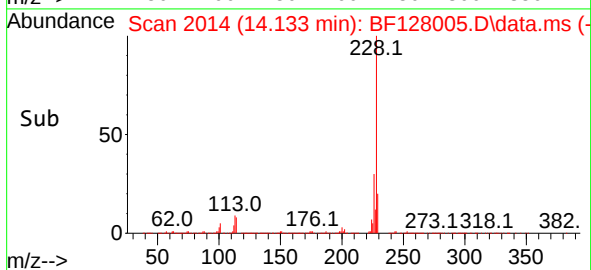
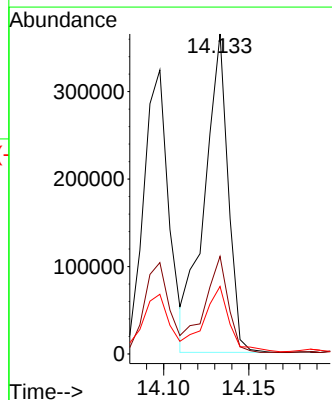
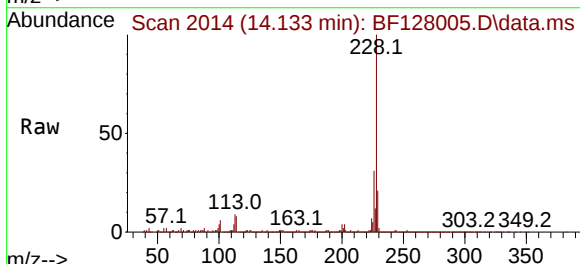
Instrument :
BNA_F
ClientSampleId :
WC-3

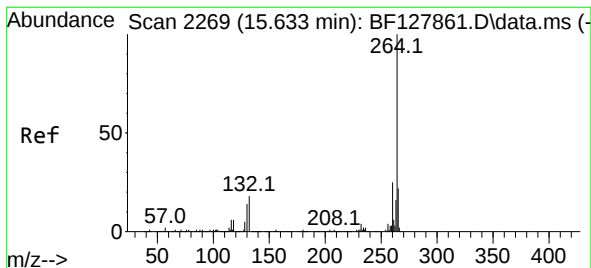
Tgt Ion:228 Resp: 331488
Ion Ratio Lower Upper
228 100
226 32.2 21.7 32.5
229 21.0 15.4 23.2



#83
Chrysene
Concen: 24.039 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

Tgt Ion:228 Resp: 351103
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 21.1 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128005.D

Acq: 29 Apr 2022 20:07

Instrument :

BNA_F

ClientSampleId :

WC-3

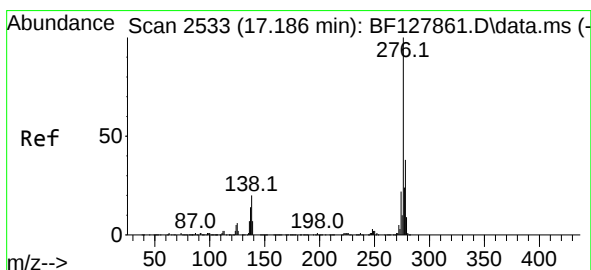
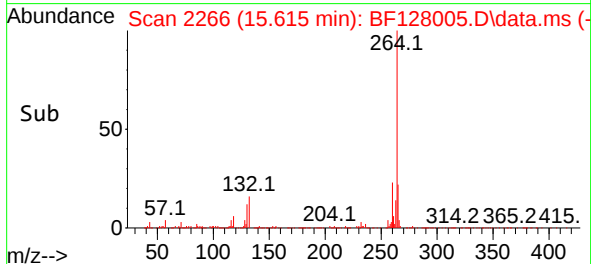
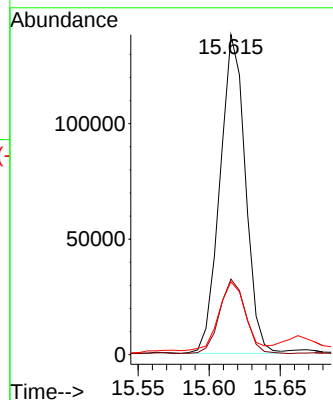
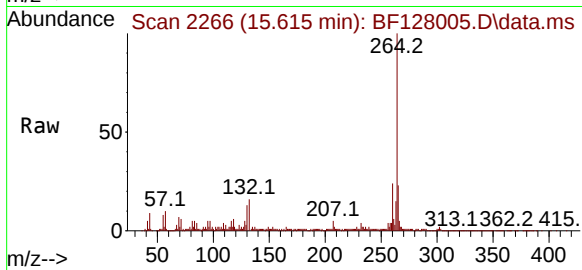
Tgt Ion:264 Resp: 171594

Ion Ratio Lower Upper

264 100

260 23.6 20.1 30.1

265 22.8 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 11.996 ng

RT: 17.151 min Scan# 2527

Delta R.T. -0.018 min

Lab File: BF128005.D

Acq: 29 Apr 2022 20:07

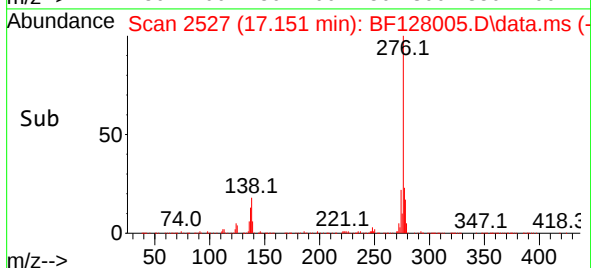
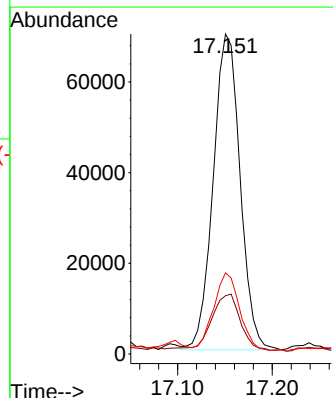
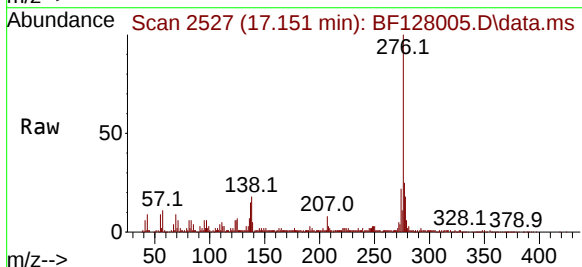
Tgt Ion:276 Resp: 137392

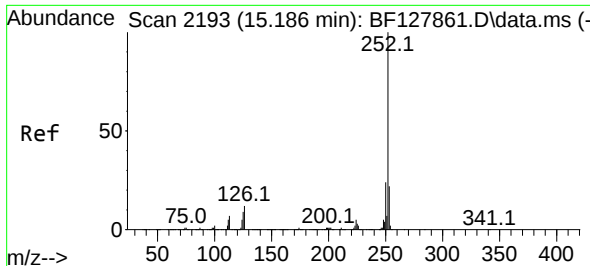
Ion Ratio Lower Upper

276 100

138 19.8 19.0 28.4

277 23.5 20.1 30.1

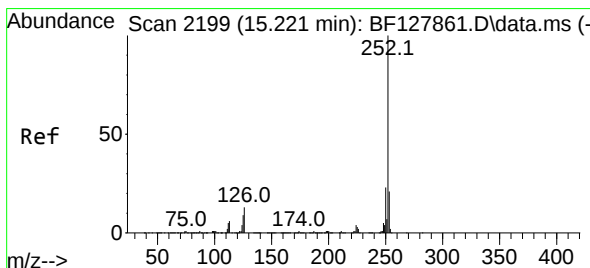
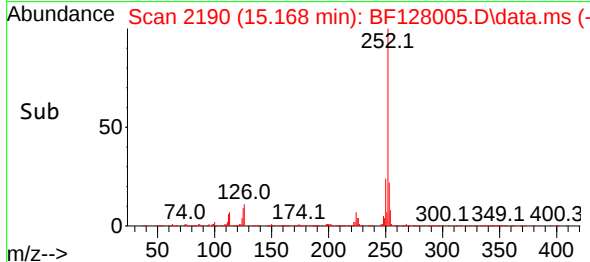
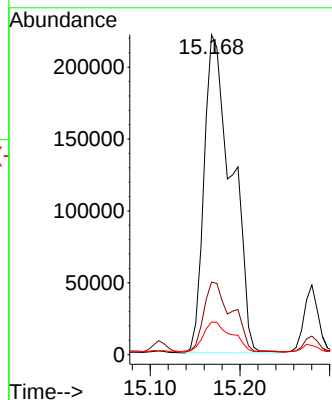
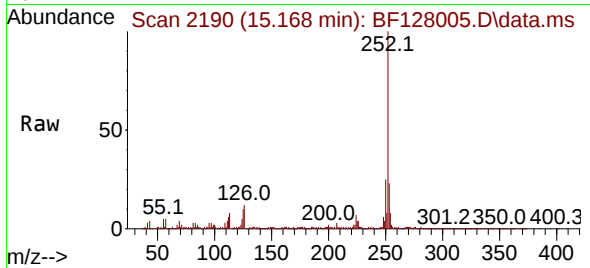




#88
Benzo(b)fluoranthene
Concen: 43.838 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

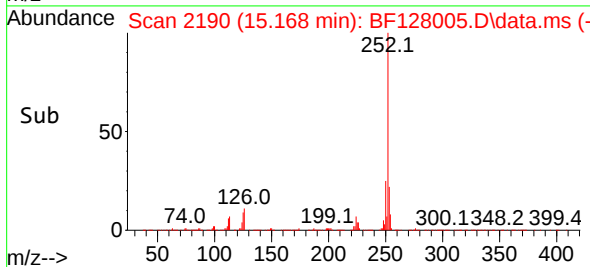
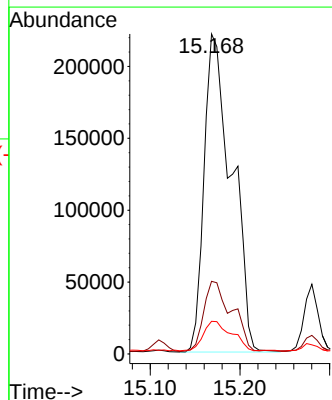
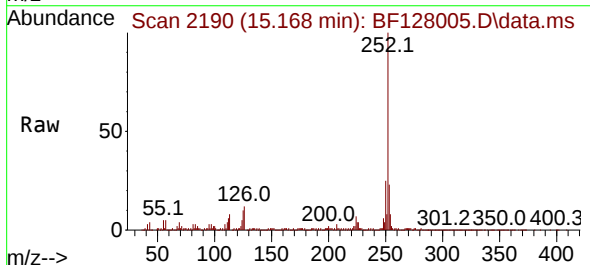
Instrument :
BNA_F
ClientSampleId :
WC-3

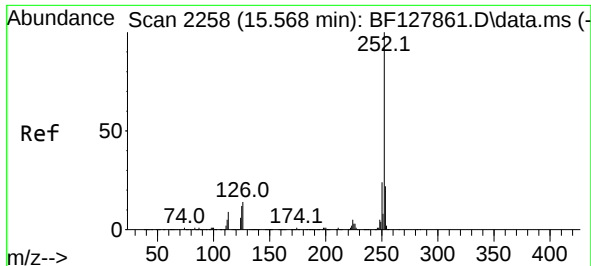
Tgt Ion:252 Resp: 472471
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.2 7.4 11.2



#89
Benzo(k)fluoranthene
Concen: 43.477 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.041 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

Tgt Ion:252 Resp: 472085
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 10.2 6.8 10.2#

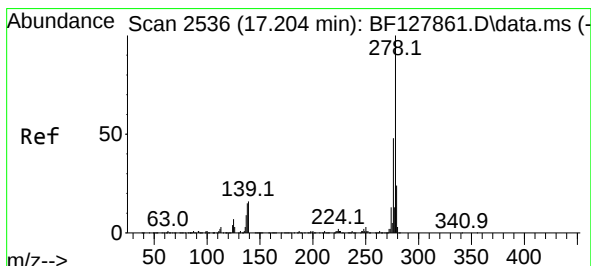
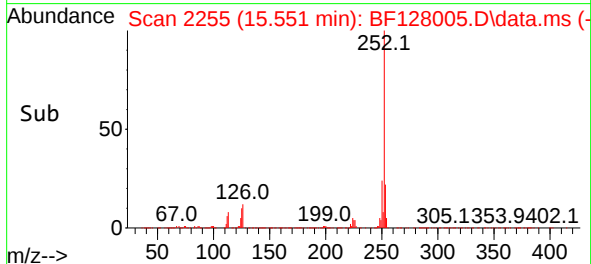
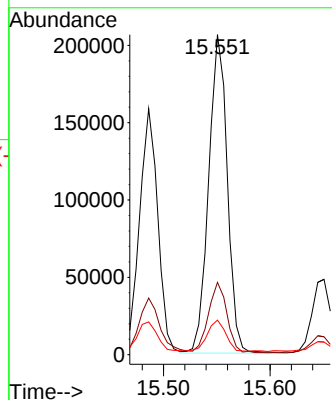
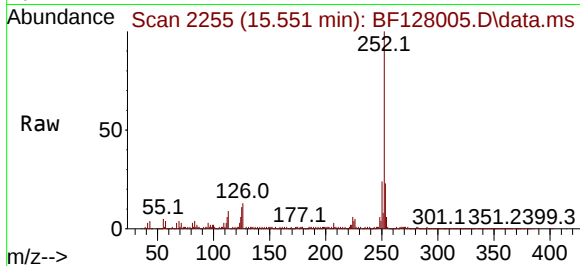




#90
Benzo(a)pyrene
Concen: 28.110 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

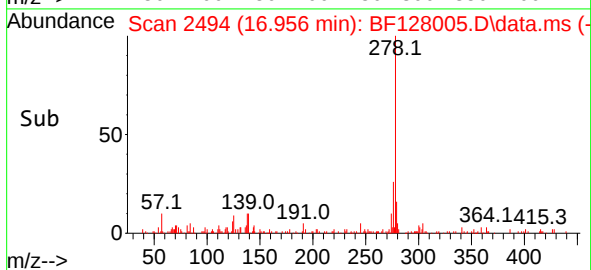
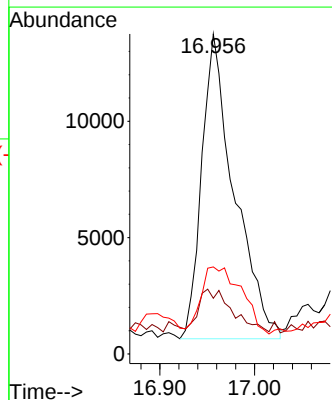
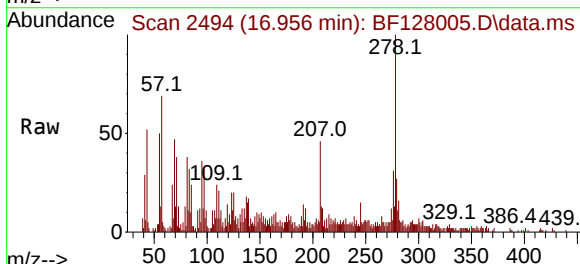
Instrument :
BNA_F
ClientSampleId :
WC-3

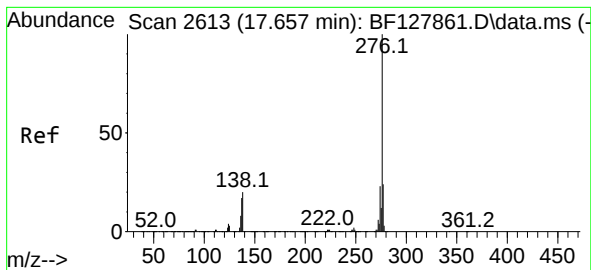
Tgt Ion:252 Resp: 251299
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.8 9.2 13.8



#91
Dibenzo(a,h)anthracene
Concen: 3.407 ng
RT: 16.956 min Scan# 2494
Delta R.T. -0.229 min
Lab File: BF128005.D
Acq: 29 Apr 2022 20:07

Tgt Ion:278 Resp: 31297
Ion Ratio Lower Upper
278 100
139 17.4 12.6 19.0
279 27.2 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 14.273 ng

RT: 17.621 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF128005.D

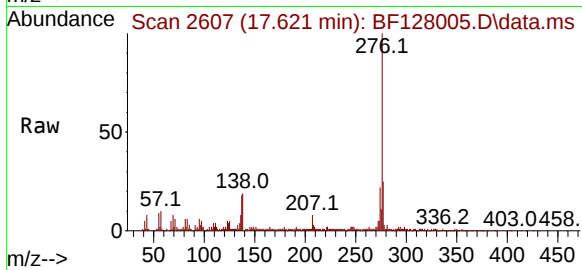
Acq: 29 Apr 2022 20:07

Instrument :

BNA_F

ClientSampleId :

WC-3



Tgt Ion:276 Resp: 138171

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 19.1 16.2 24.2

