

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128084.D
 Acq On : 04 May 2022 21:14
 Operator : CG\JU
 Sample : N2669-01DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-050322DL

Quant Time: May 05 06:08:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

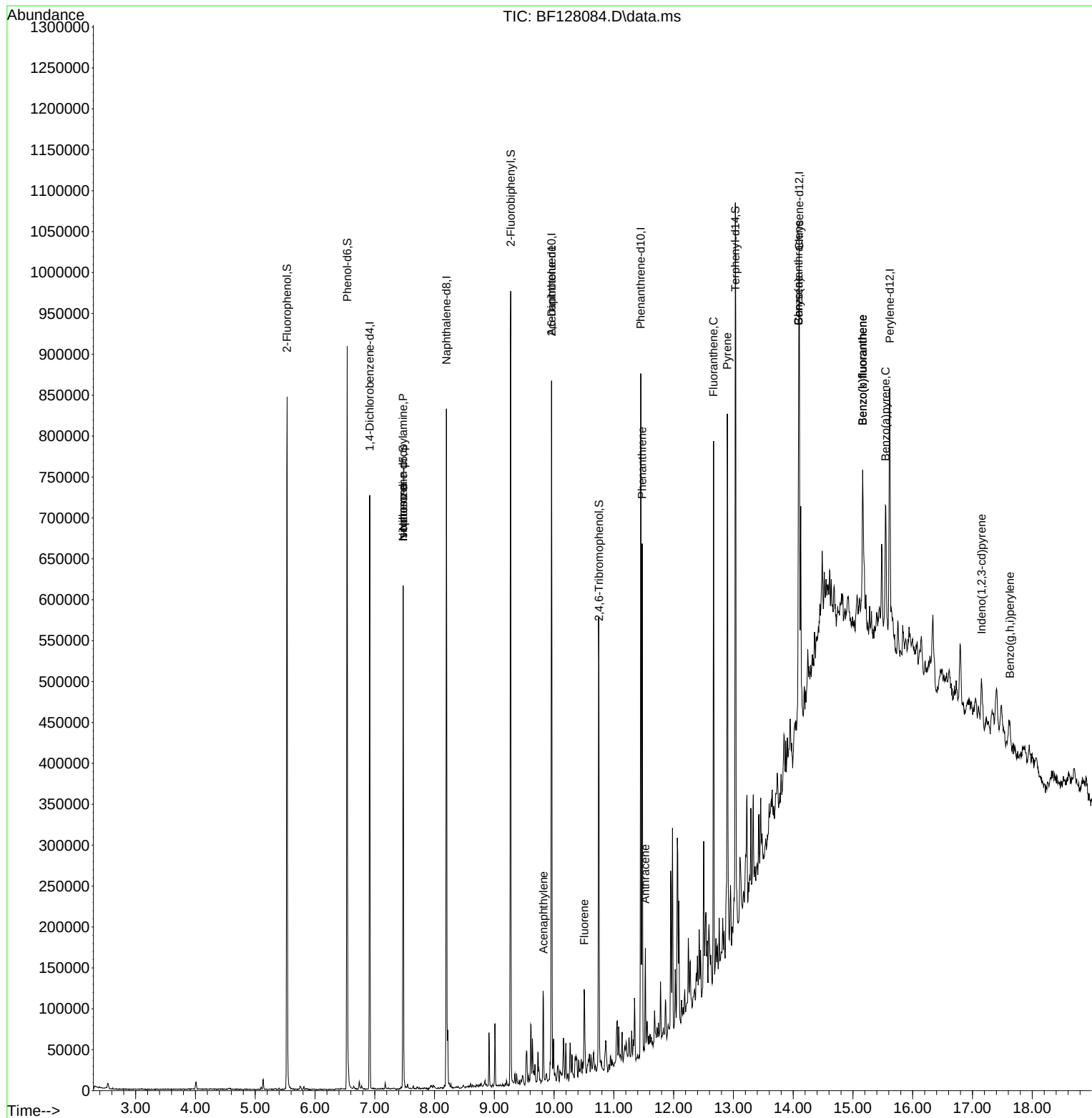
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	91375	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	317918	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	161224	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	279775	20.000	ng	0.00
76) Chrysene-d12	14.104	240	172489	20.000	ng	0.00
86) Perylene-d12	15.615	264	128494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	211079	36.794	ng	0.00
7) Phenol-d6	6.539	99	266176	35.758	ng	-0.01
23) Nitrobenzene-d5	7.475	82	173662	25.687	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	63371	39.046	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	290299	30.461	ng	0.00
79) Terphenyl-d14	13.033	244	296977	31.483	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	23777	5.218	ng	# 80
25) Isophorone	7.475	82	173692	15.265	ng	# 68
49) Acenaphthylene	9.822	152	37167	2.673	ng	98
51) 2,6-Dinitrotoluene	9.957	165	21840	9.329	ng	# 21
58) Fluorene	10.504	166	28834	2.865	ng	98
71) Phenanthrene	11.474	178	207153	14.145	ng	98
72) Anthracene	11.527	178	45692	3.132	ng	99
75) Fluoranthene	12.668	202	228890	14.850	ng	99
78) Pyrene	12.898	202	259709	18.652	ng	99
81) Benzo(a)anthracene	14.092	228	98688	8.584	ng	# 90
83) Chrysene	14.092	228	98688	8.988	ng	94
87) Indeno(1,2,3-cd)pyrene	17.150	276	41477	4.836	ng	# 93
88) Benzo(b)fluoranthene	15.162	252	121403	15.043	ng	# 90
89) Benzo(k)fluoranthene	15.162	252	121403	14.931	ng	# 89
90) Benzo(a)pyrene	15.545	252	69242	10.343	ng	# 93
92) Benzo(g,h,i)perylene	17.627	276	42776	5.901	ng	92

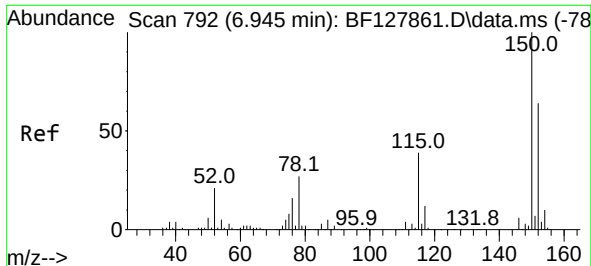
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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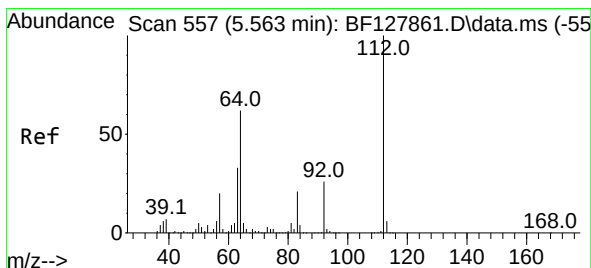
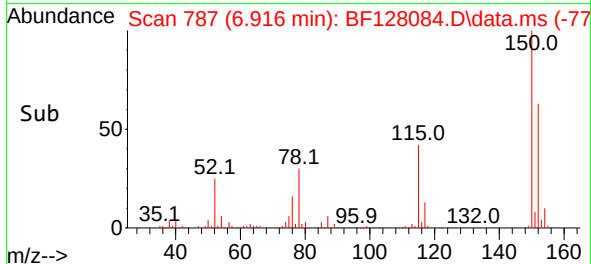
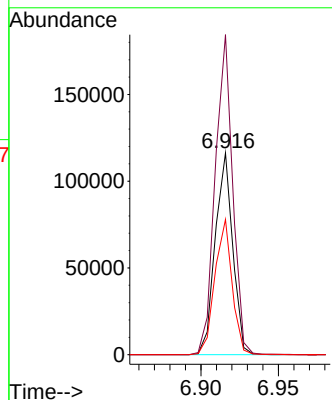
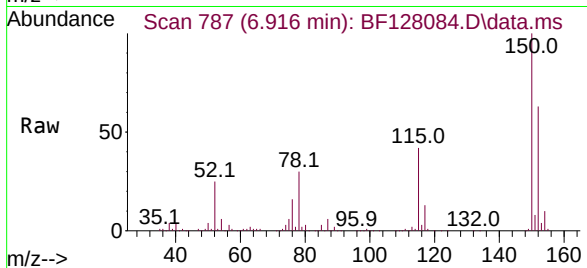




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BF128084.D
 Acq: 04 May 2022 21:14

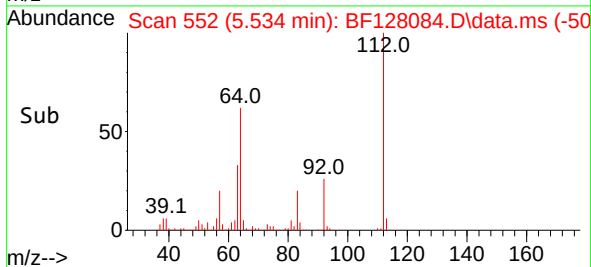
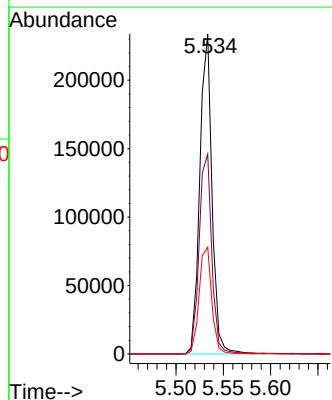
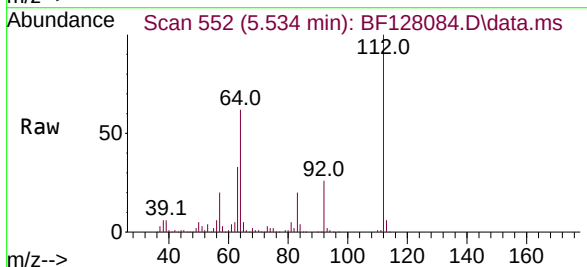
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-050322DL

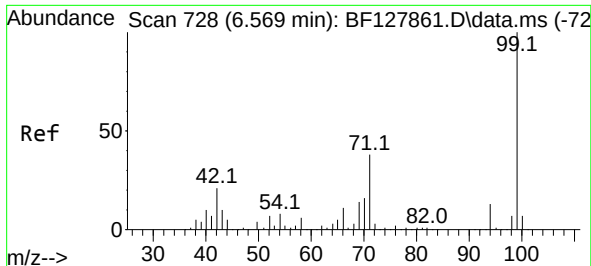
Tgt Ion:152 Resp: 91375
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.3 187.9
 115 67.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 36.794 ng
 RT: 5.534 min Scan# 552
 Delta R.T. -0.006 min
 Lab File: BF128084.D
 Acq: 04 May 2022 21:14

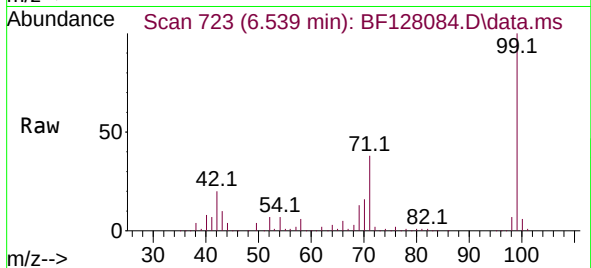
Tgt Ion:112 Resp: 211079
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.5 74.3
 63 33.4 26.3 39.5



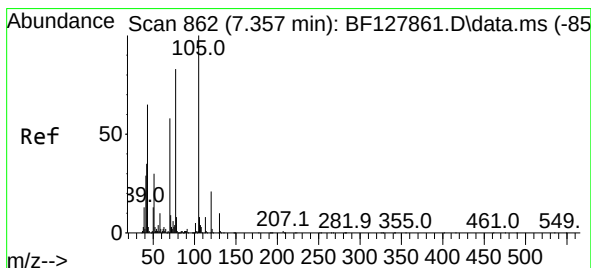
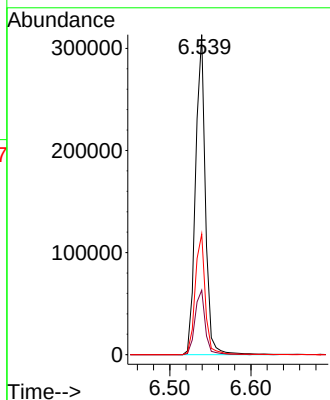
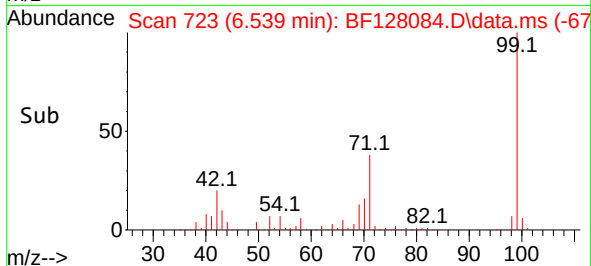


#7
Phenol-d6
Concen: 35.758 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

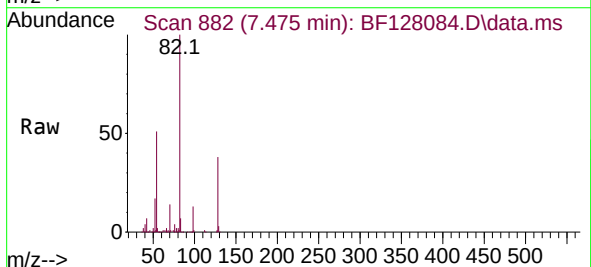
Instrument :
BNA_F
ClientSampleId :
OR-03-050322DL



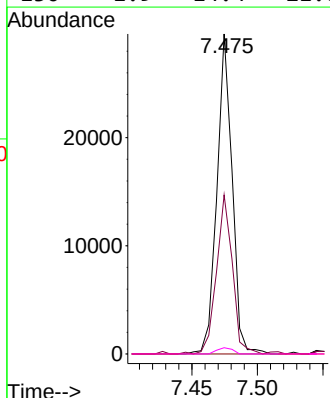
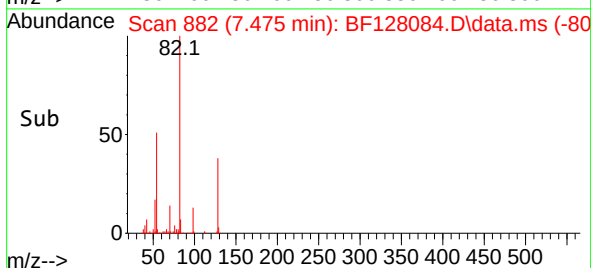
Tgt Ion: 99 Resp: 266176
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 37.7 30.0 45.0

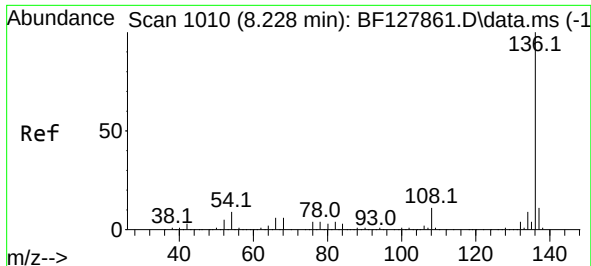


#19
n-Nitroso-di-n-propylamine
Concen: 5.218 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14



Tgt Ion: 70 Resp: 23777
Ion Ratio Lower Upper
70 100
42 49.7 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

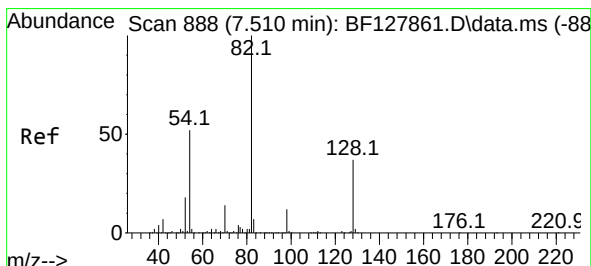
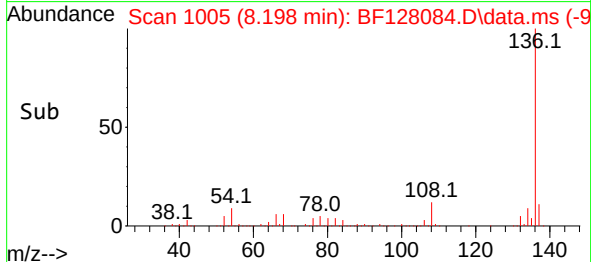
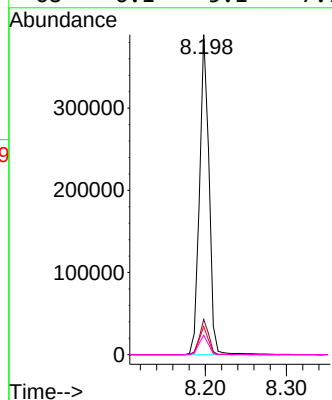
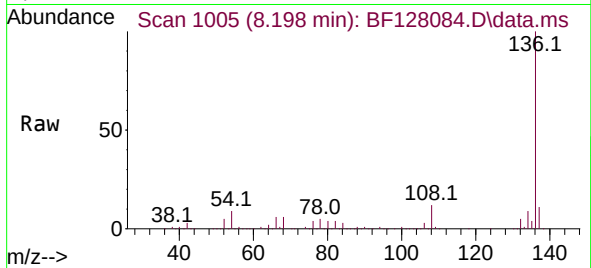




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

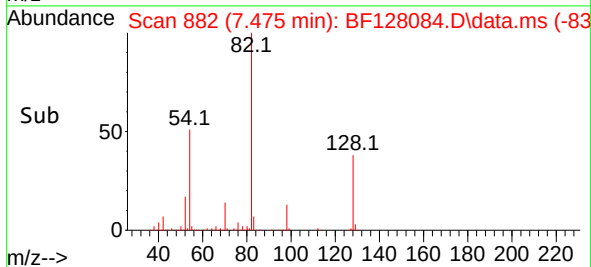
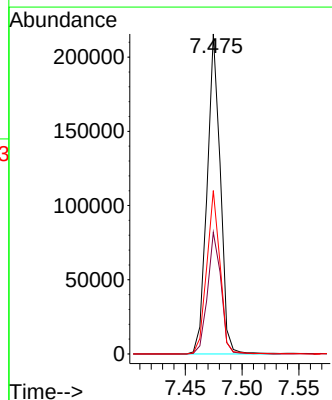
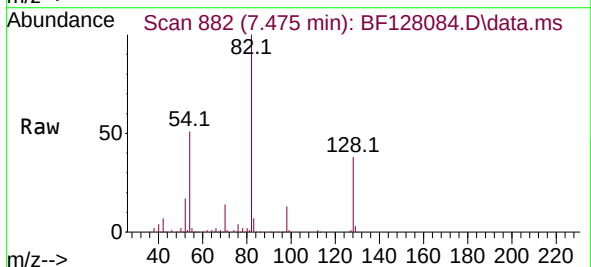
Instrument :
BNA_F
ClientSampleId :
OR-03-050322DL

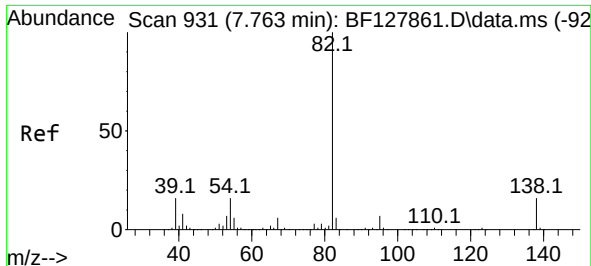
Tgt Ion:136	Resp: 317918
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 8.8	6.8 10.2
68 6.1	5.1 7.7



#23
Nitrobenzene-d5
Concen: 25.687 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion: 82	Resp: 173662
Ion Ratio	Lower Upper
82 100	
128 38.0	30.0 45.0
54 51.1	41.3 61.9

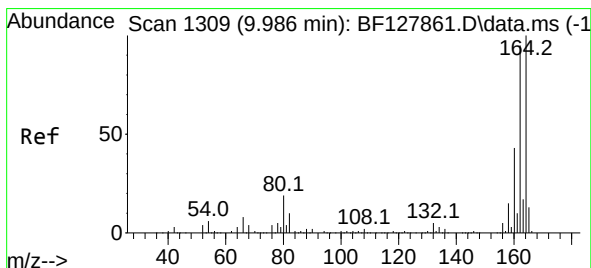
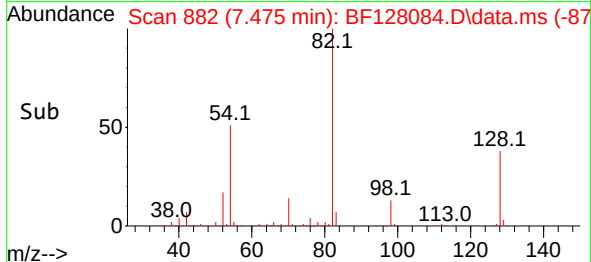
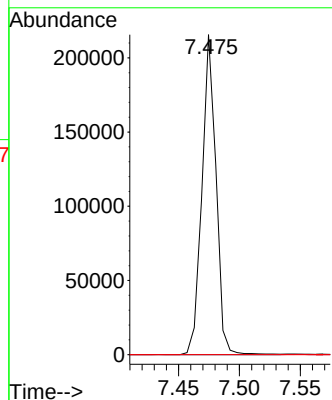
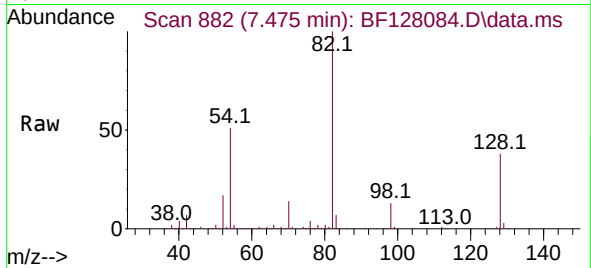




#25
Isophorone
Concen: 15.265 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

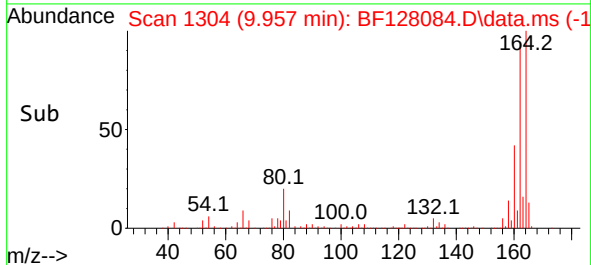
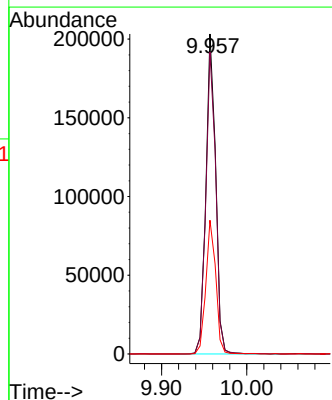
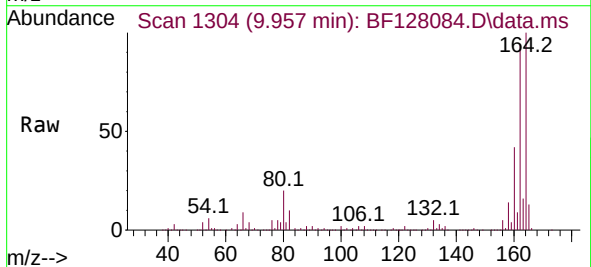
Instrument :
BNA_F
ClientSampleId :
OR-03-050322DL

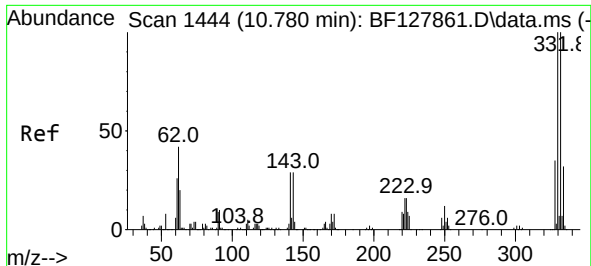
Tgt Ion: 82 Resp: 173692
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:164 Resp: 161224
Ion Ratio Lower Upper
164 100
162 94.3 76.0 114.0
160 41.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 39.046 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128084.D

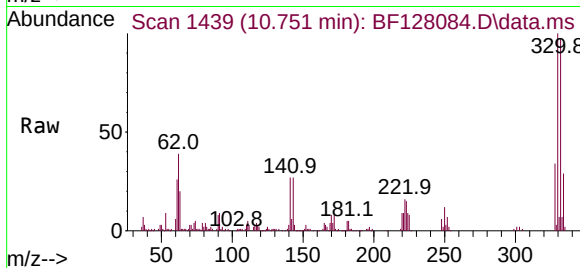
Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL



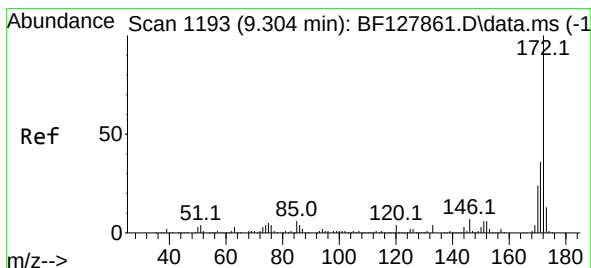
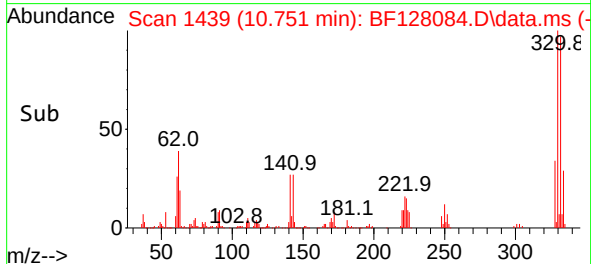
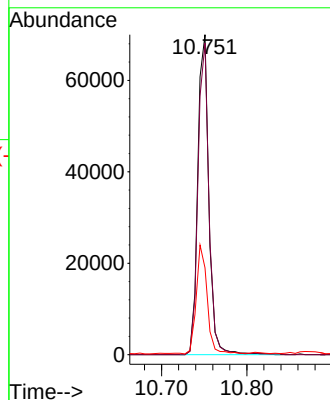
Tgt Ion:330 Resp: 63371

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 33.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 30.461 ng

RT: 9.274 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

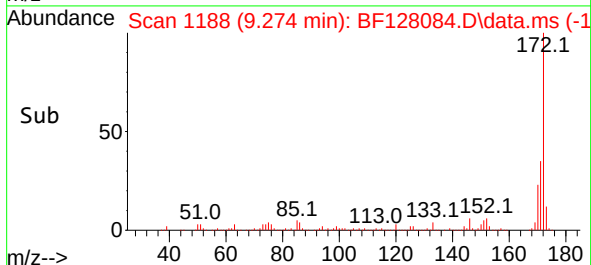
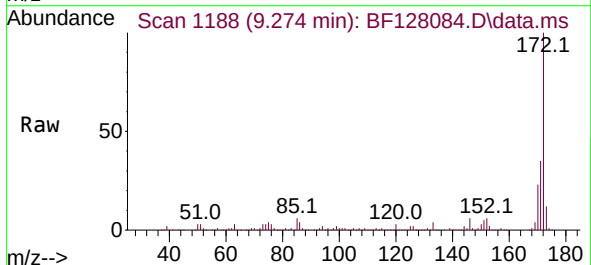
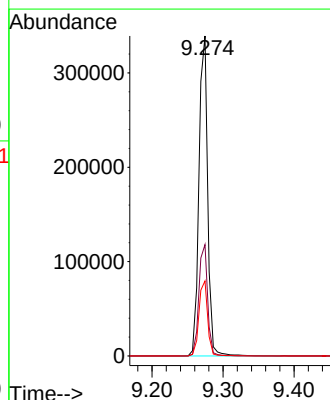
Tgt Ion:172 Resp: 290299

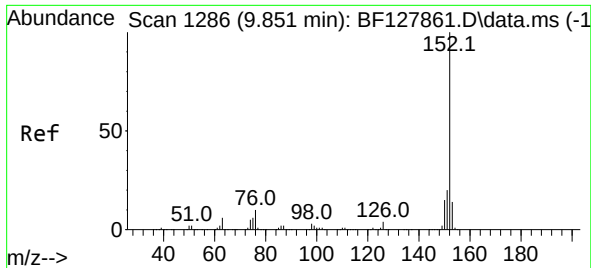
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.4 19.1 28.7





#49

Acenaphthylene

Concen: 2.673 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL

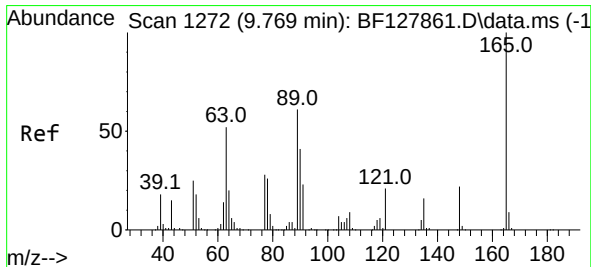
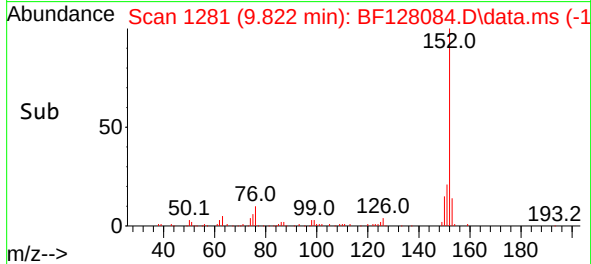
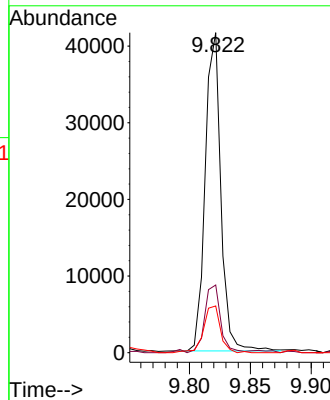
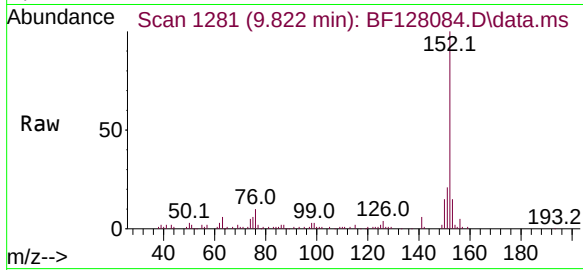
Tgt Ion:152 Resp: 37167

Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.2

153 14.6 11.2 16.8



#51

2,6-Dinitrotoluene

Concen: 9.329 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.206 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

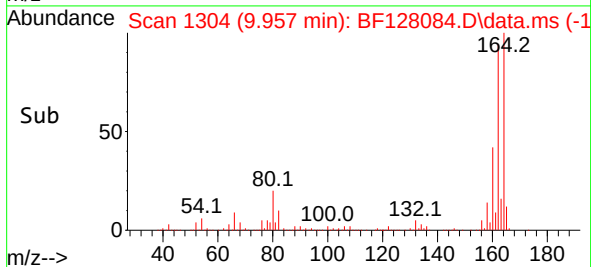
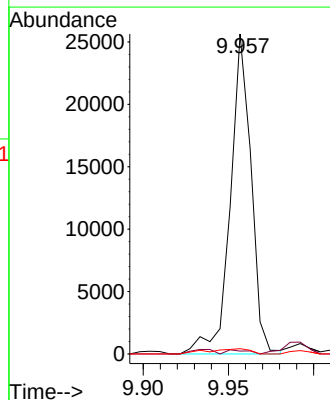
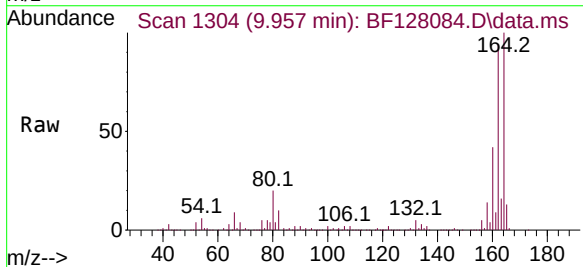
Tgt Ion:165 Resp: 21840

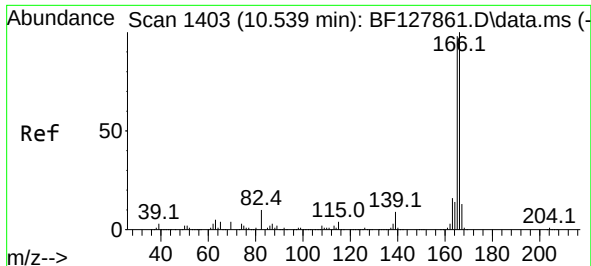
Ion Ratio Lower Upper

165 100

63 0.9 49.5 74.3#

89 1.7 49.0 73.4#

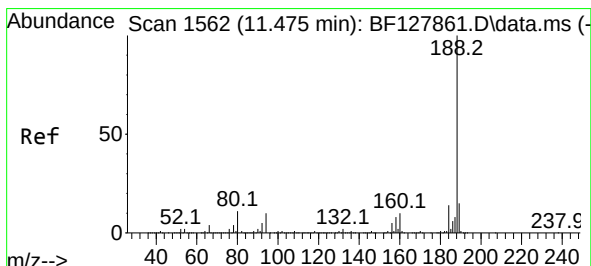
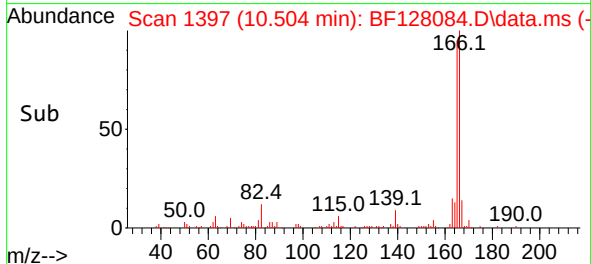
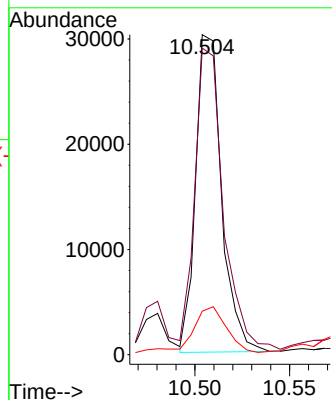
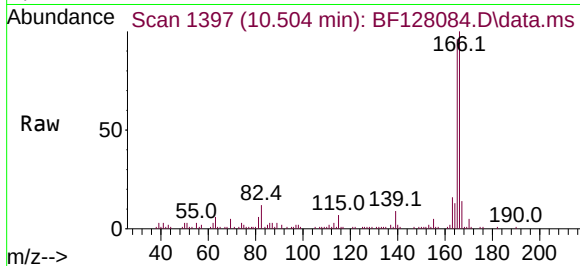




#58
Fluorene
Concen: 2.865 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

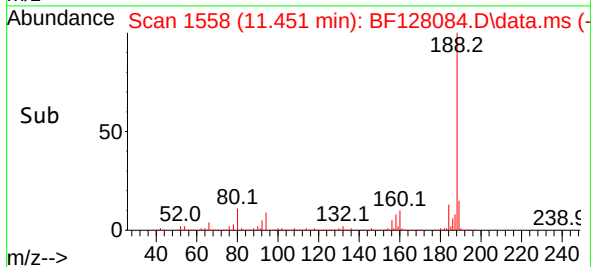
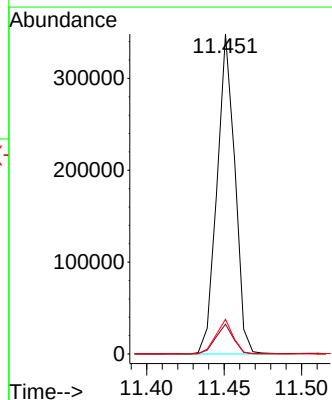
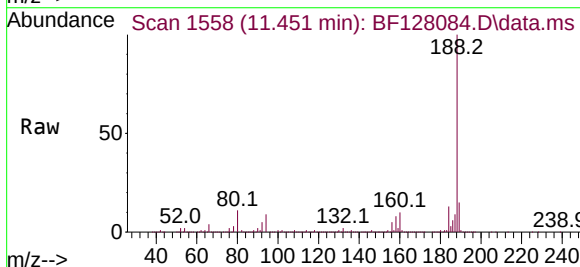
Instrument :
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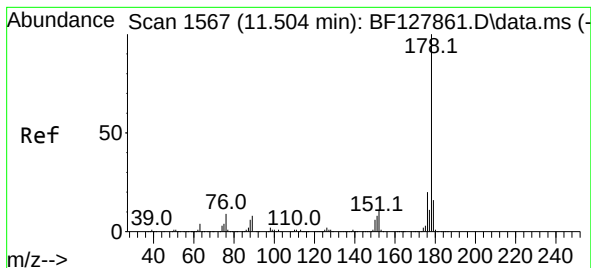
Tgt Ion:166 Resp: 28834
Ion Ratio Lower Upper
166 100
165 95.8 78.6 117.8
167 13.6 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:188 Resp: 279775
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.9 8.9 13.3





#71

Phenanthrene

Concen: 14.145 ng

RT: 11.474 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL

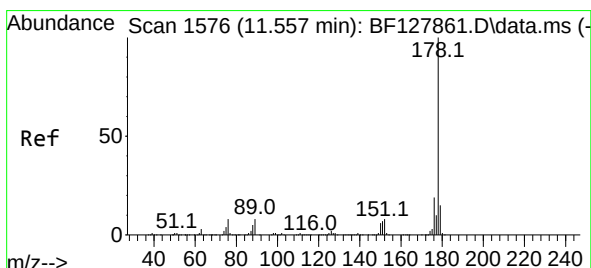
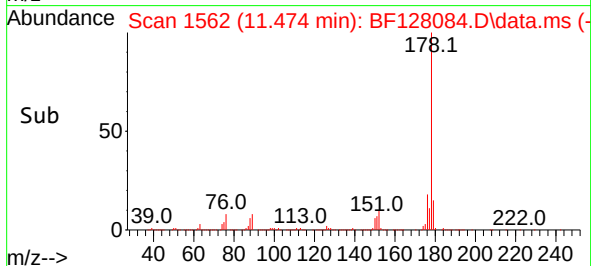
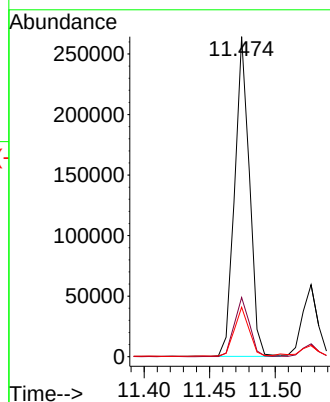
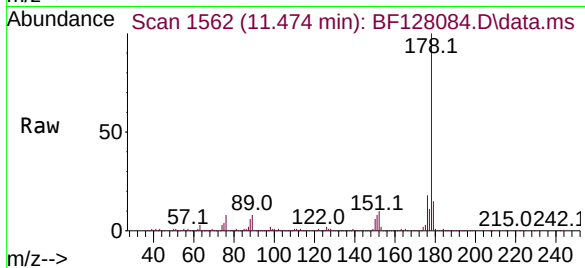
Tgt Ion:178 Resp: 207153

Ion Ratio Lower Upper

178 100

176 18.5 15.7 23.5

179 15.4 12.6 19.0



#72

Anthracene

Concen: 3.132 ng

RT: 11.527 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

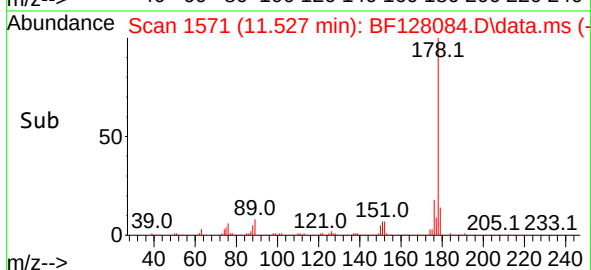
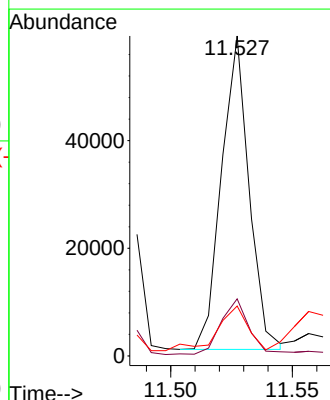
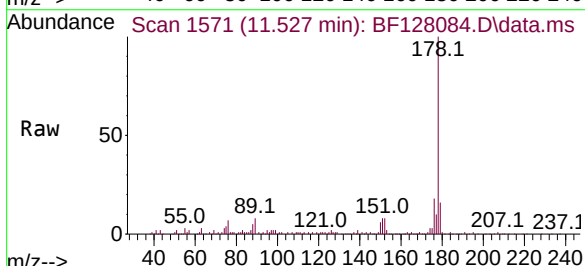
Tgt Ion:178 Resp: 45692

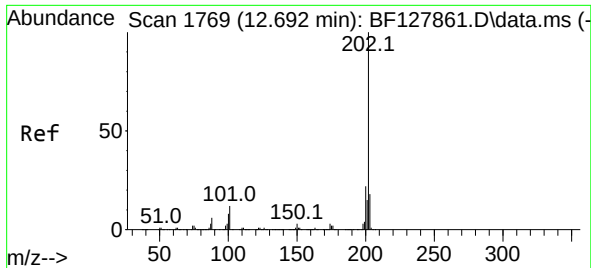
Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.6

179 15.6 12.4 18.6

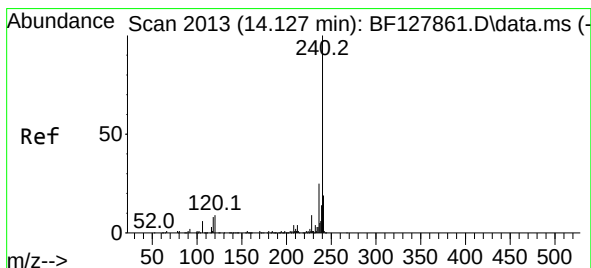
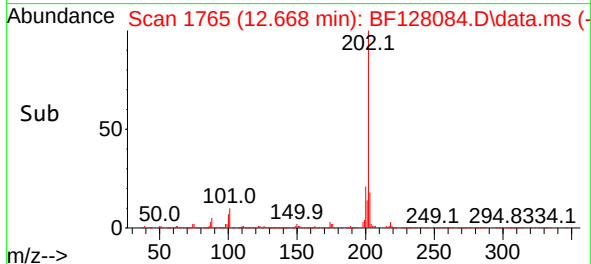
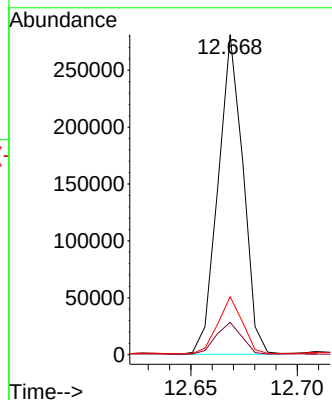
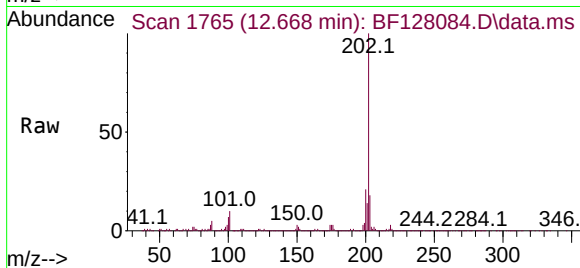




#75
Fluoranthene
Concen: 14.850 ng
RT: 12.668 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

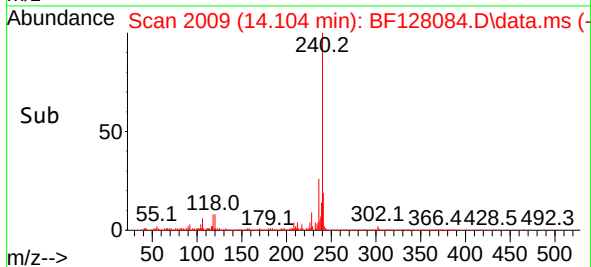
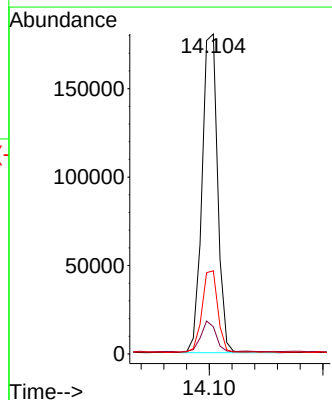
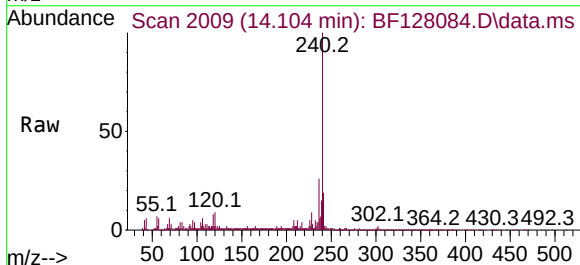
Instrument :
BNA_F
ClientSampleId :
OR-03-050322DL

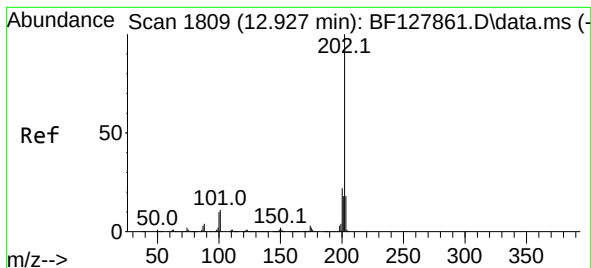
Tgt Ion:202 Resp: 228890
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.6
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:240 Resp: 172489
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.0 20.3 30.5





#78

Pyrene

Concen: 18.652 ng

RT: 12.898 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

OR-03-050322DL

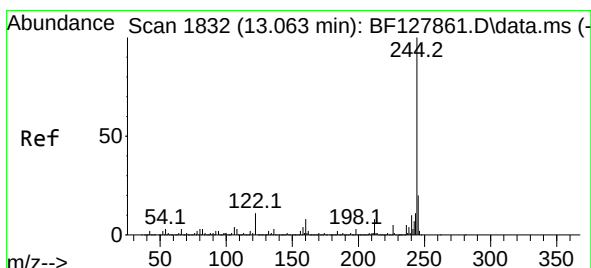
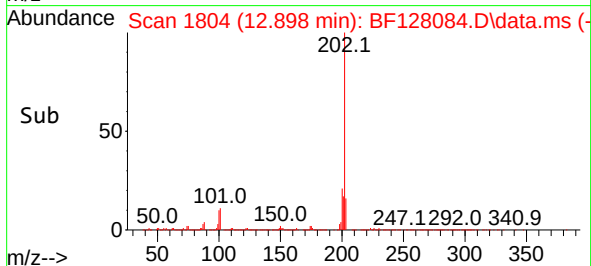
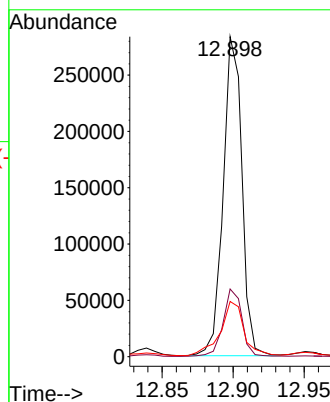
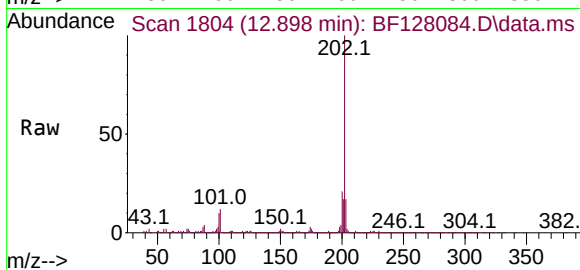
Tgt Ion:202 Resp: 259709

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

203 17.2 14.0 21.0



#79

Terphenyl-d14

Concen: 31.483 ng

RT: 13.033 min Scan# 1827

Delta R.T. -0.012 min

Lab File: BF128084.D

Acq: 04 May 2022 21:14

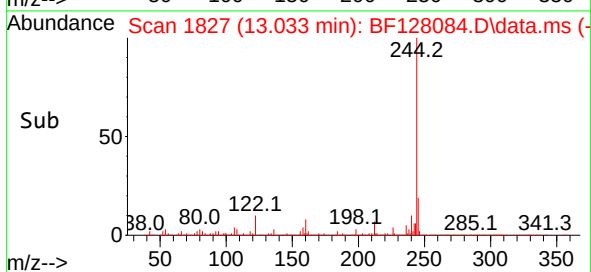
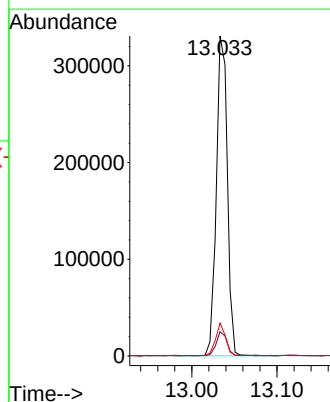
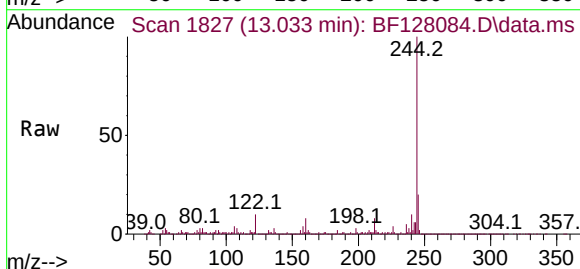
Tgt Ion:244 Resp: 296977

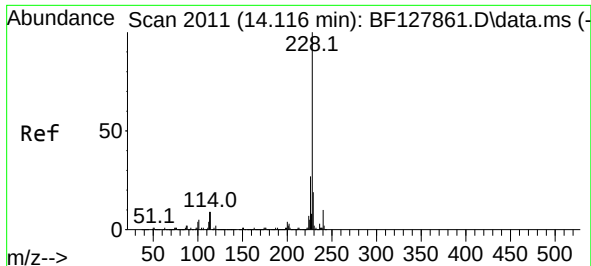
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 10.3 8.6 12.8

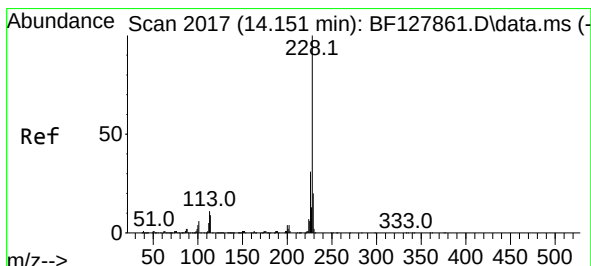
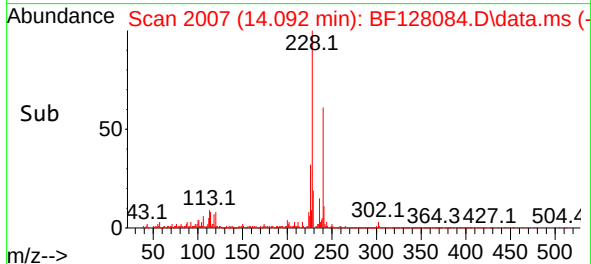
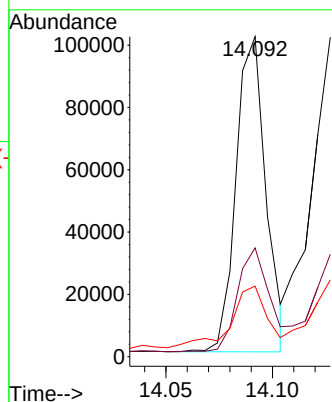
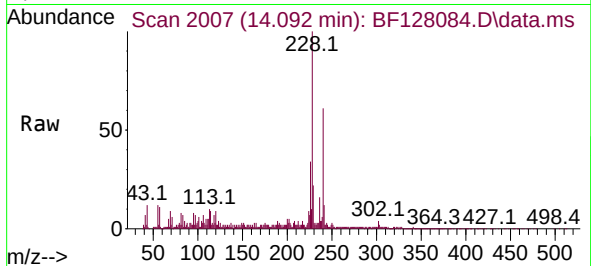




#81
Benzo(a)anthracene
Concen: 8.584 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

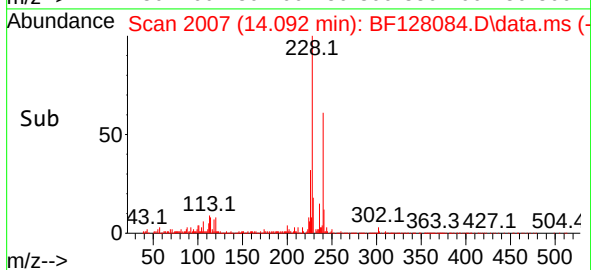
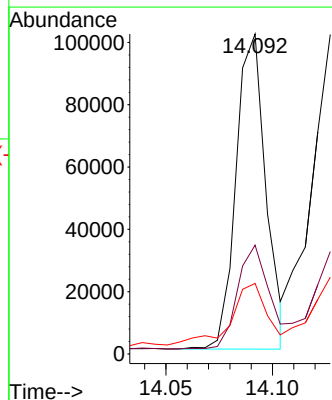
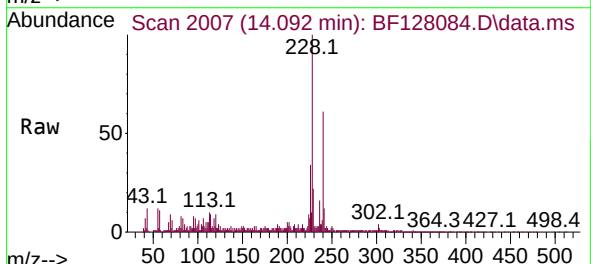
Instrument :
BNA_F
ClientSampleId :
OR-03-050322DL

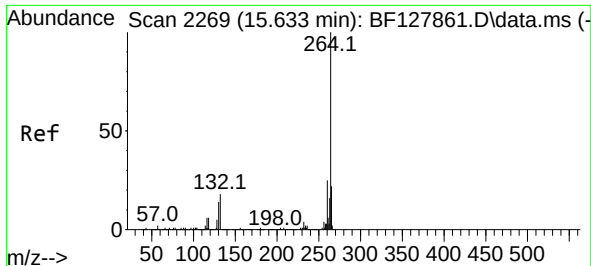
Tgt Ion:228 Resp: 98688
Ion Ratio Lower Upper
228 100
226 34.0 21.7 32.5#
229 22.1 15.4 23.2



#83
Chrysene
Concen: 8.988 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.041 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:228 Resp: 98688
Ion Ratio Lower Upper
228 100
226 34.0 24.4 36.6
229 22.1 15.8 23.8

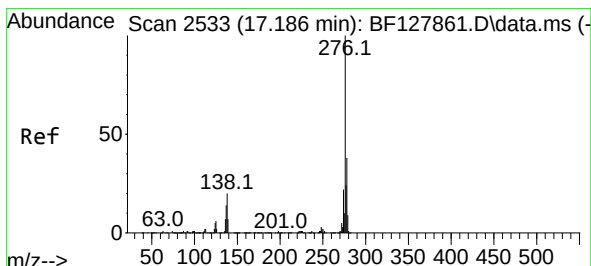
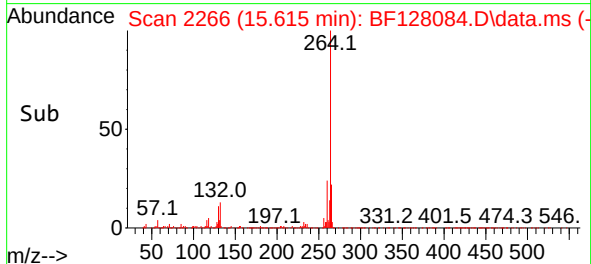
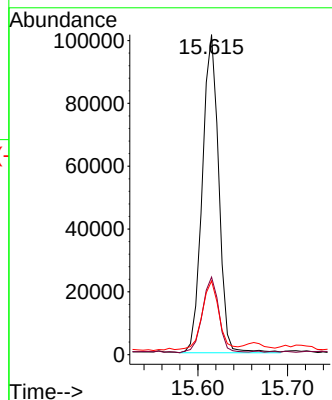
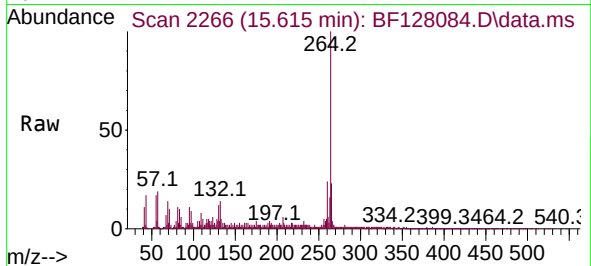




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

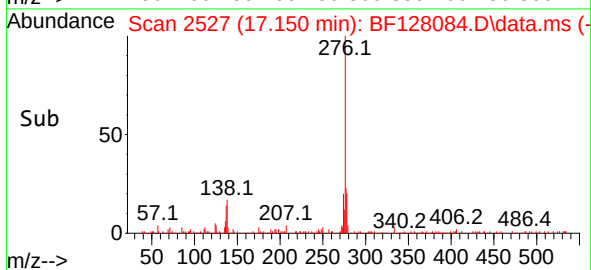
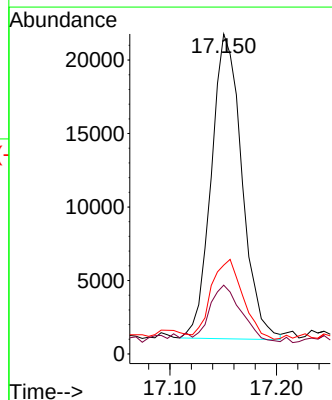
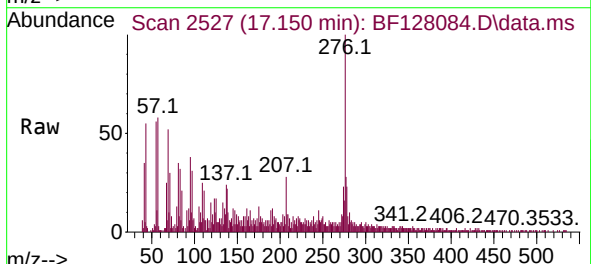
Instrument :
BNA_F
ClientSampleId :
OR-03-050322DL

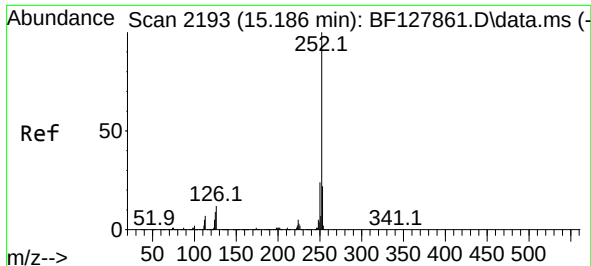
Tgt Ion:264 Resp: 128494
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 23.0 17.5 26.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.836 ng
RT: 17.150 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:276 Resp: 41477
Ion Ratio Lower Upper
276 100
138 18.8 19.0 28.4#
277 27.0 20.1 30.1

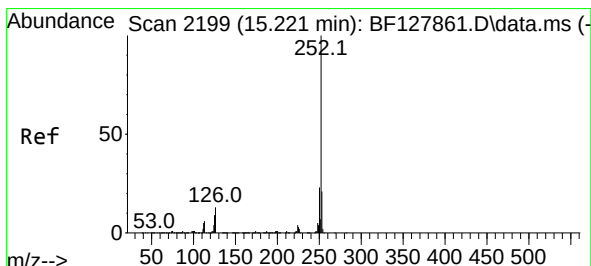
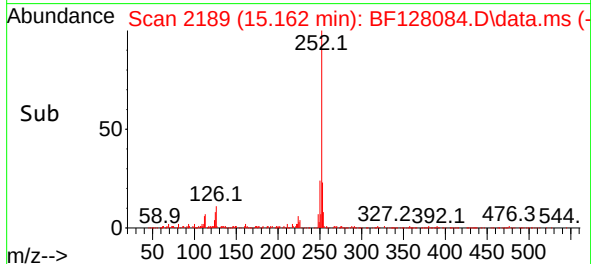
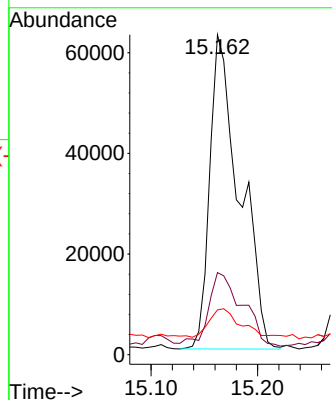
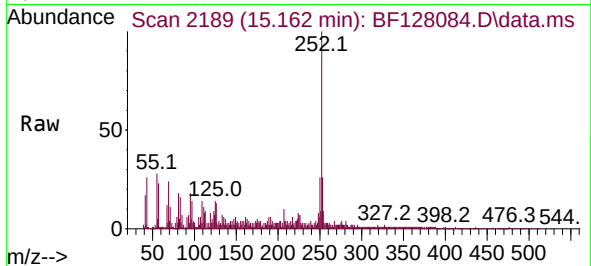




#88
Benzo(b)fluoranthene
Concen: 15.043 ng
RT: 15.162 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

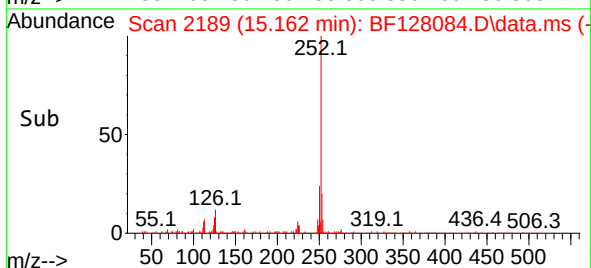
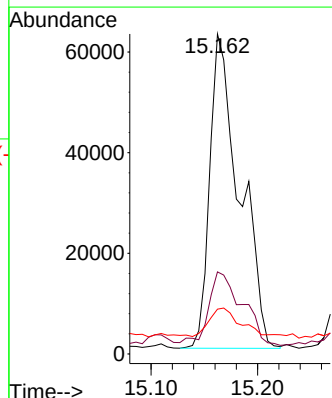
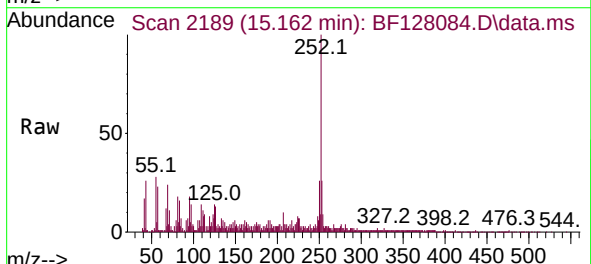
Instrument :
BNA_F
ClientSampleId :
OR-03-050322DL

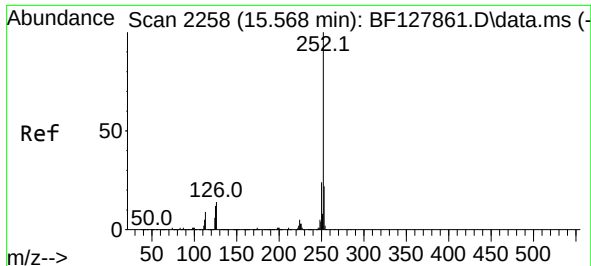
Tgt Ion:252 Resp: 121403
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.2
125 14.0 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 14.931 ng
RT: 15.162 min Scan# 2189
Delta R.T. -0.035 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:252 Resp: 121403
Ion Ratio Lower Upper
252 100
253 25.6 17.0 25.4#
125 14.0 6.8 10.2#

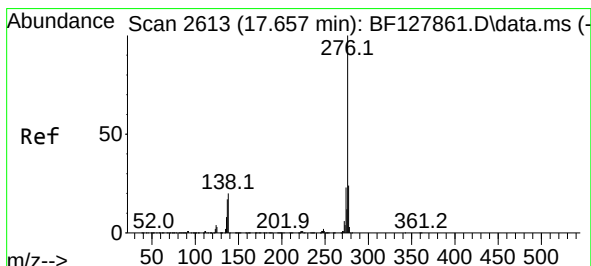
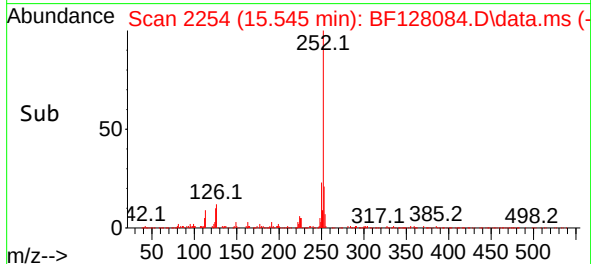
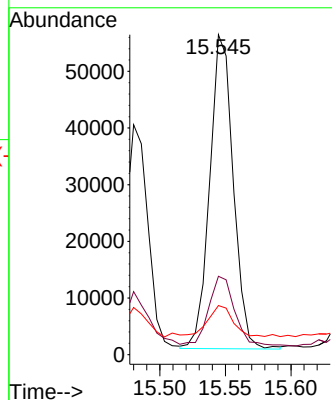
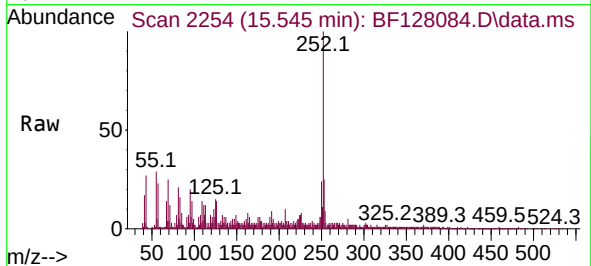




#90
Benzo(a)pyrene
Concen: 10.343 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Instrument :
BNA_F
ClientSampleId :
OR-03-050322DL

Tgt Ion:252 Resp: 69242
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 15.3 9.2 13.8#



#92
Benzo(g,h,i)perylene
Concen: 5.901 ng
RT: 17.627 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF128084.D
Acq: 04 May 2022 21:14

Tgt Ion:276 Resp: 42776
Ion Ratio Lower Upper
276 100
277 27.7 18.8 28.2
138 23.6 16.2 24.2

