

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128036.D
 Acq On : 02 May 2022 20:05
 Operator : CG\JU
 Sample : N2604-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-042822

Quant Time: May 03 07:29:00 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)

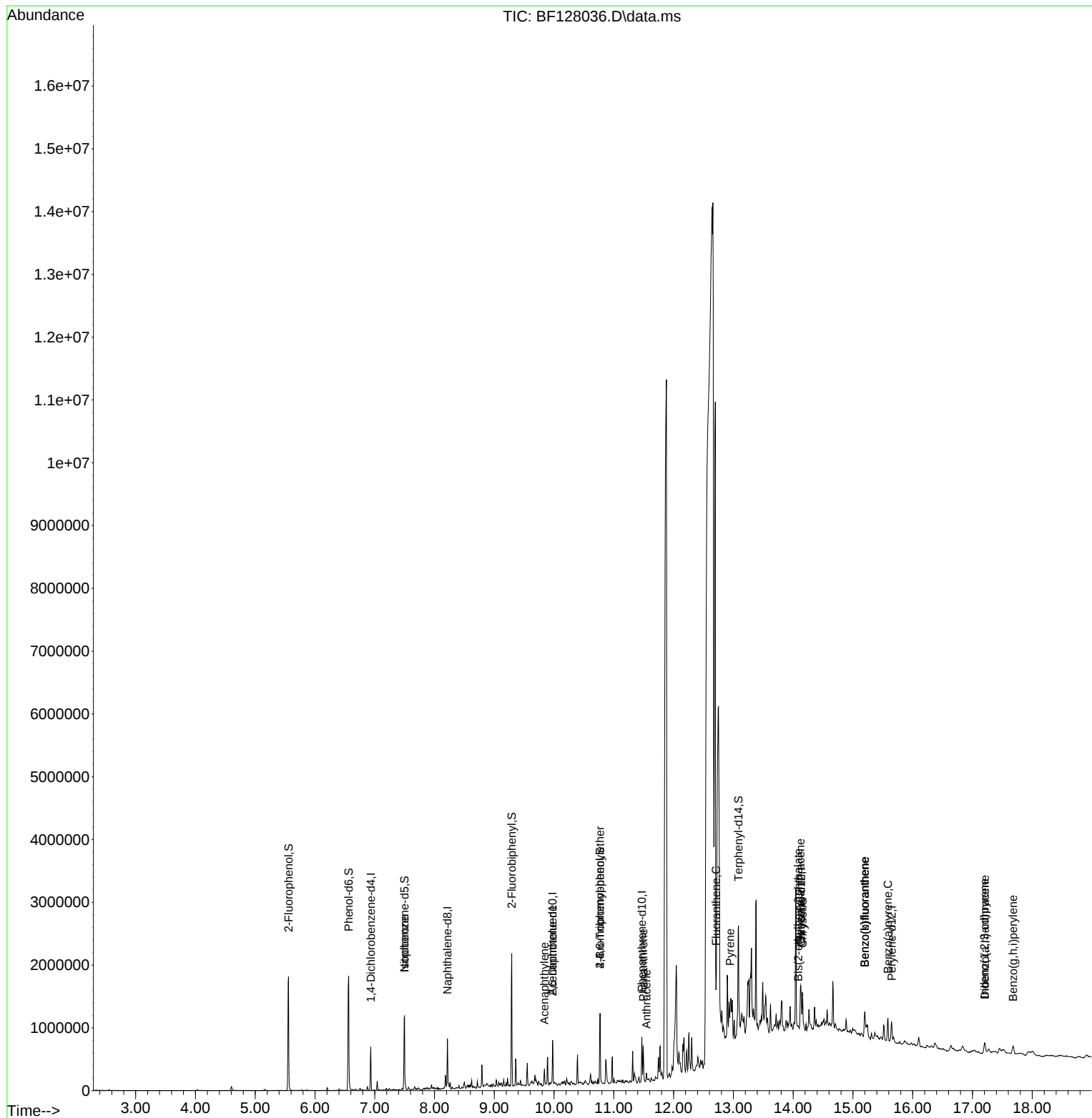
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	88423	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	292349	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	137575	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	246744	20.000	ng	0.00
76) Chrysene-d12	14.133	240	146213	20.000	ng	# 0.02
86) Perylene-d12	15.651	264	106780	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	475550	85.662	ng	0.00
7) Phenol-d6	6.563	99	592042	82.189	ng	0.00
23) Nitrobenzene-d5	7.498	82	379644	61.065	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	121058	87.411	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	583338	71.732	ng	0.00
79) Terphenyl-d14	13.086	244	591588	73.985	ng	0.03
Target Compounds						
						Qvalue
25) Isophorone	7.498	82	379149	36.235	ng	# 68
49) Acenaphthylene	9.839	152	100652	8.482	ng	100
51) 2,6-Dinitrotoluene	9.974	165	19206	9.614	ng	# 22
67) 4-Bromophenyl-phenylether	10.769	248	7871	2.878	ng	# 1
71) Phenanthrene	11.492	178	186989	14.477	ng	99
72) Anthracene	11.545	178	63398	4.928	ng	98
75) Fluoranthene	12.710	202	429695	31.610	ng	97
78) Pyrene	12.945	202	182761	15.484	ng	97
81) Benzo(a)anthracene	14.121	228	239968	24.623	ng	92
83) Chrysene	14.157	228	224765	24.149	ng	96
84) Bis(2-ethylhexyl)phtha...	14.086	149	12456	2.030	ng	# 86
87) Indeno(1,2,3-cd)pyrene	17.203	276	124589	17.480	ng	# 93
88) Benzo(b)fluoranthene	15.198	252	319522	47.642	ng	96
89) Benzo(k)fluoranthene	15.198	252	319522	47.288	ng	# 95
90) Benzo(a)pyrene	15.586	252	175007	31.458	ng	97
91) Dibenzo(a,h)anthracene	17.209	278	29752	5.205	ng	# 78
92) Benzo(g,h,i)perylene	17.680	276	123990	20.583	ng	95

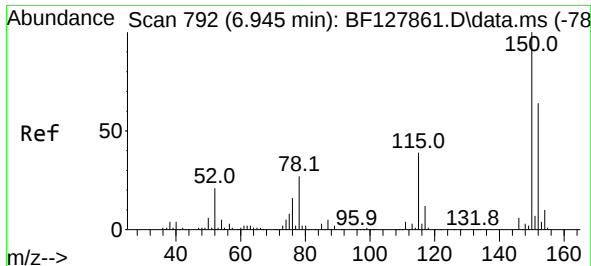
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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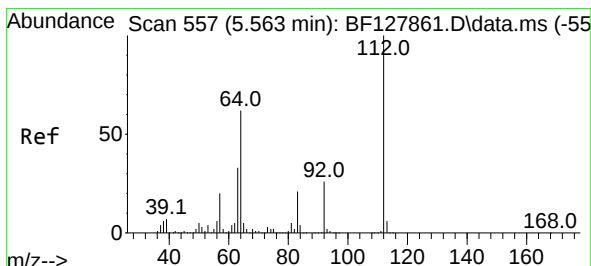
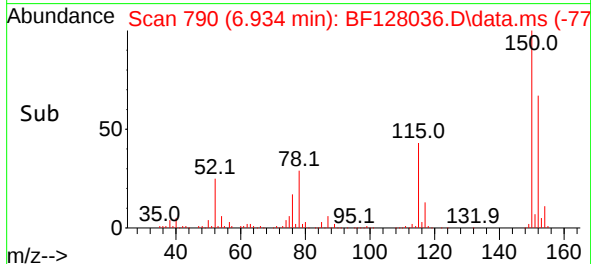
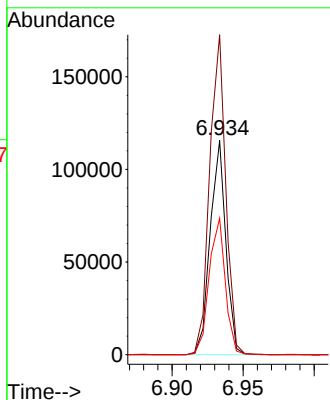
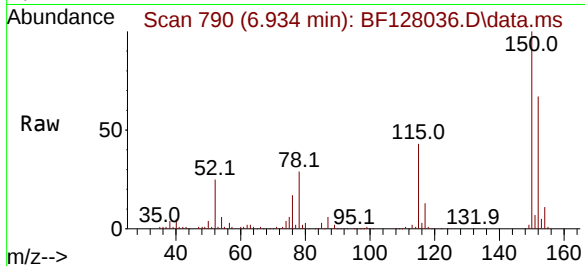




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF128036.D
Acq: 02 May 2022 20:05

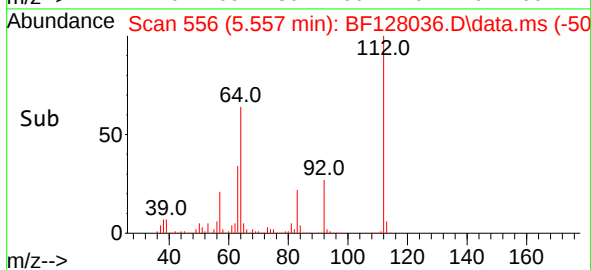
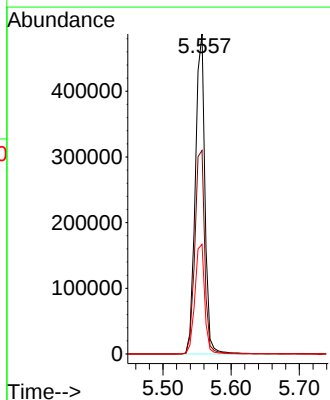
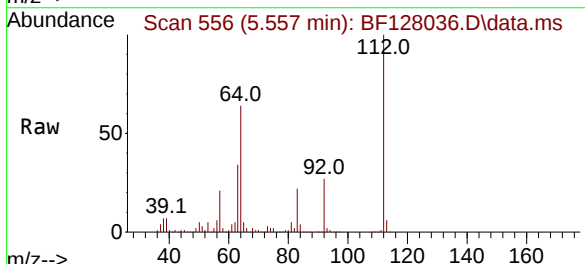
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

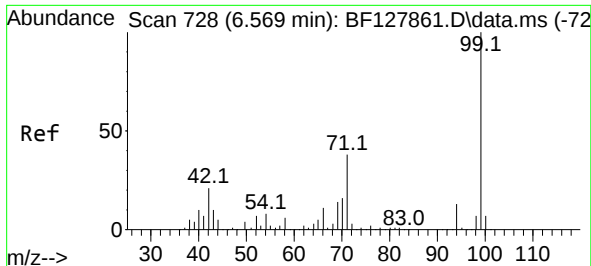
Tgt Ion:152 Resp: 88423
Ion Ratio Lower Upper
152 100
150 149.3 125.3 187.9
115 63.7 48.8 73.2



#5
2-Fluorophenol
Concen: 85.662 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF128036.D
Acq: 02 May 2022 20:05

Tgt Ion:112 Resp: 475550
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 34.2 26.3 39.5

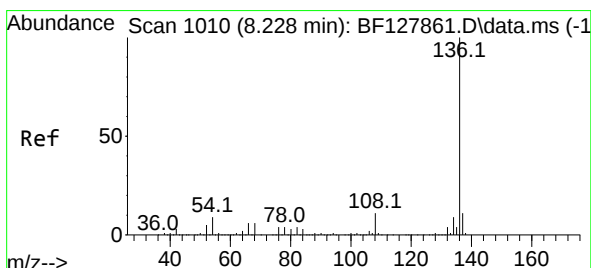
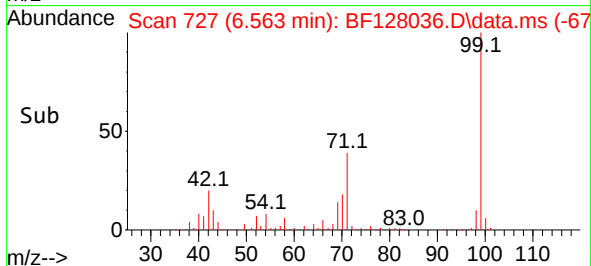
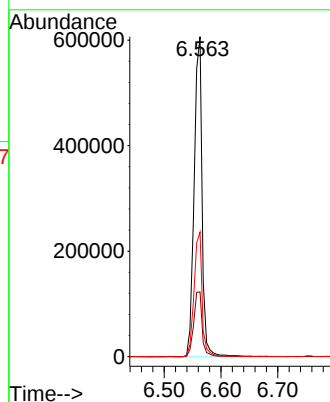
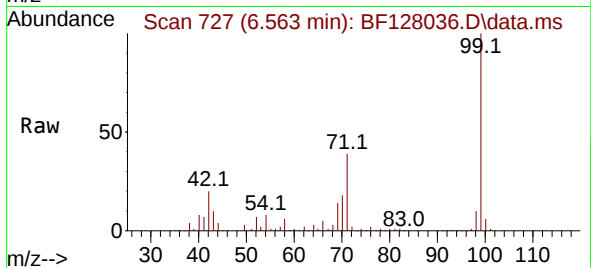




#7
Phenol-d6
Concen: 82.189 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128036.D
Acq: 02 May 2022 20:05

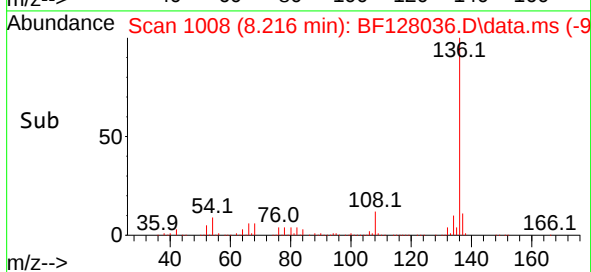
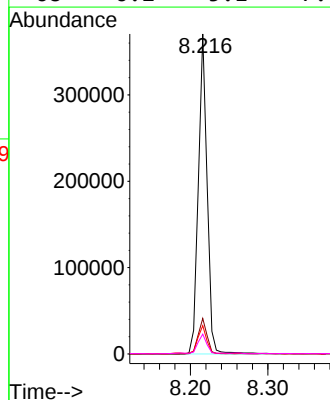
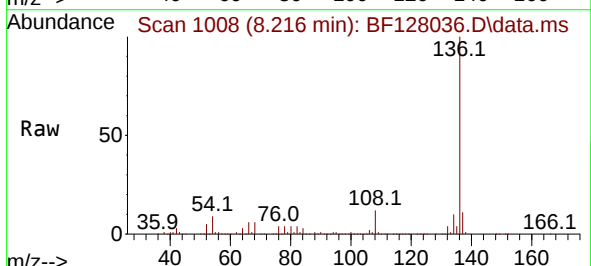
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

Tgt Ion: 99 Resp: 592042
Ion Ratio Lower Upper
99 100
42 20.3 16.6 24.8
71 38.9 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF128036.D
Acq: 02 May 2022 20:05

Tgt Ion: 136 Resp: 292349
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.8 6.8 10.2
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 61.065 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

Instrument :

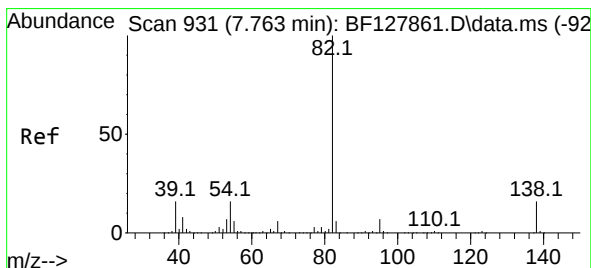
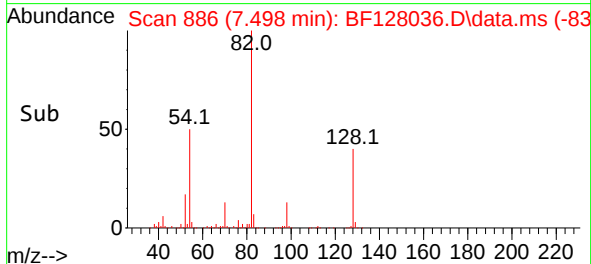
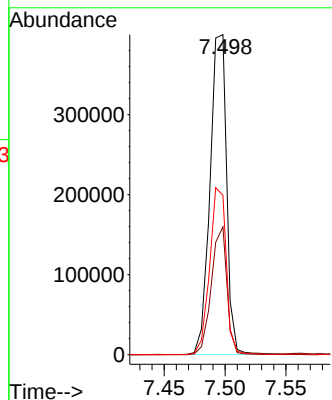
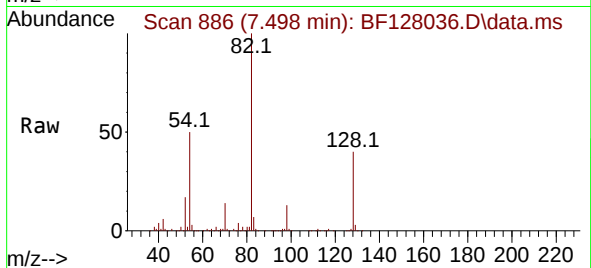
BNA_F

ClientSampleId :

NB-07-042822

Tgt Ion: 82 Resp: 379644

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.0	45.0
54	49.8	41.3	61.9



#25

Isophorone

Concen: 36.235 ng

RT: 7.498 min Scan# 886

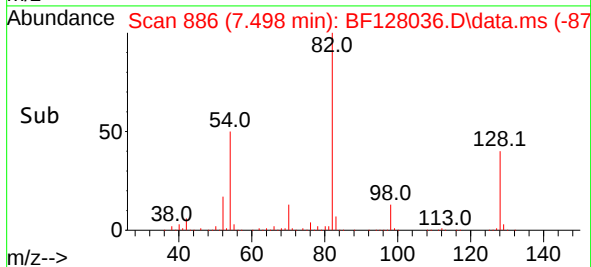
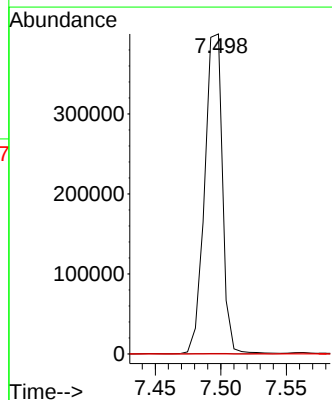
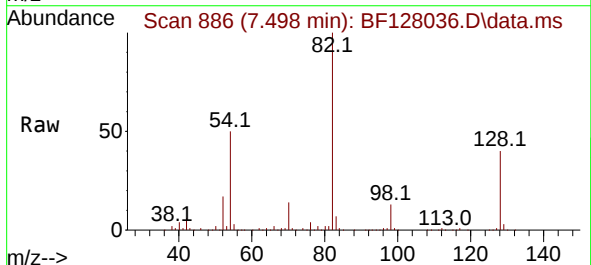
Delta R.T. -0.259 min

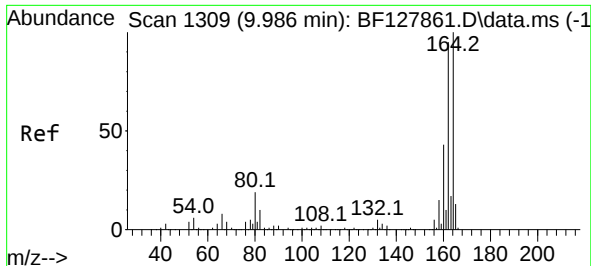
Lab File: BF128036.D

Acq: 02 May 2022 20:05

Tgt Ion: 82 Resp: 379149

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	12.5	18.7#

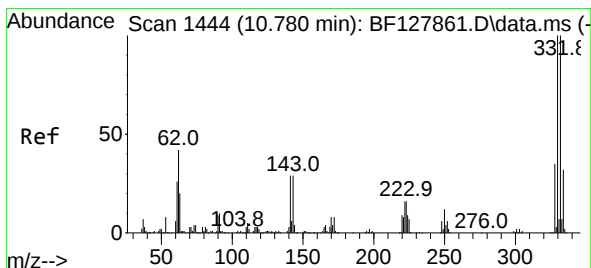
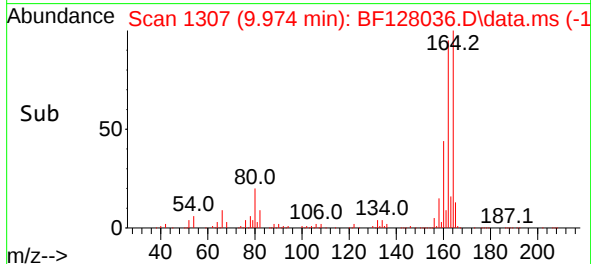
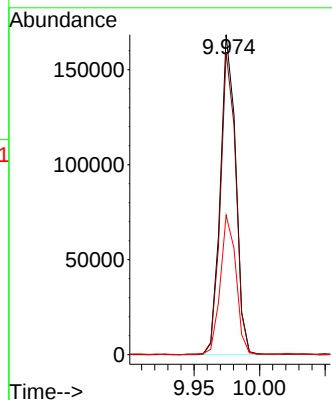
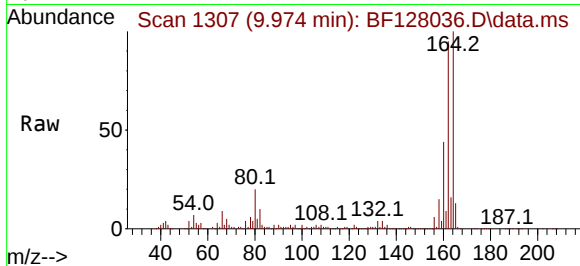




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128036.D
Acq: 02 May 2022 20:05

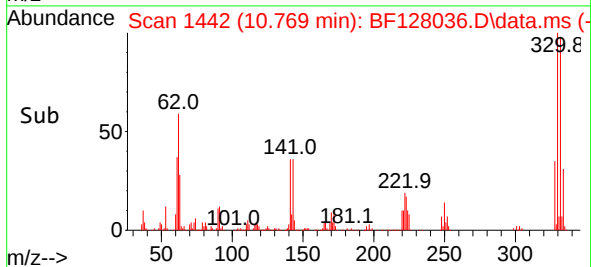
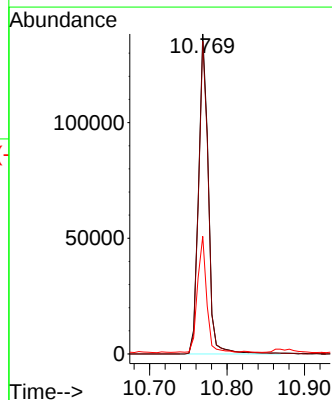
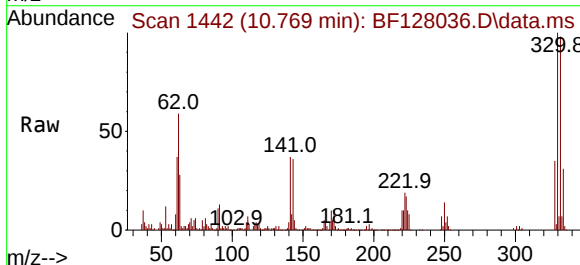
Instrument :
BNA_F
ClientSampleId :
NB-07-042822

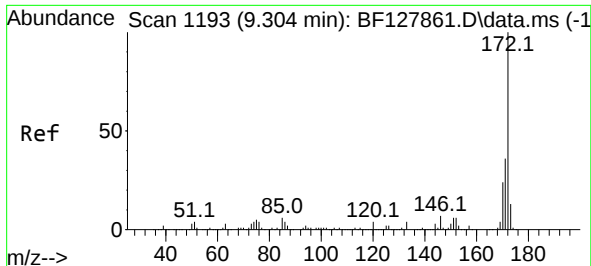
Tgt Ion:164 Resp: 137575
Ion Ratio Lower Upper
164 100
162 94.6 76.0 114.0
160 43.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 87.411 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF128036.D
Acq: 02 May 2022 20:05

Tgt Ion:330 Resp: 121058
Ion Ratio Lower Upper
330 100
332 97.5 79.0 118.4
141 33.7 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 71.732 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

Instrument :

BNA_F

ClientSampleId :

NB-07-042822

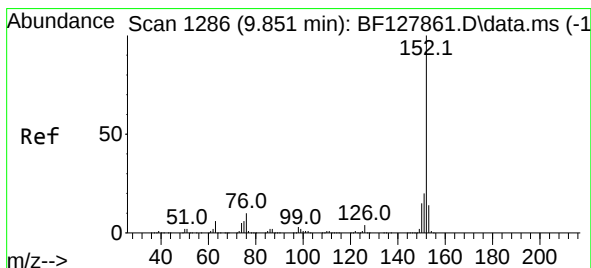
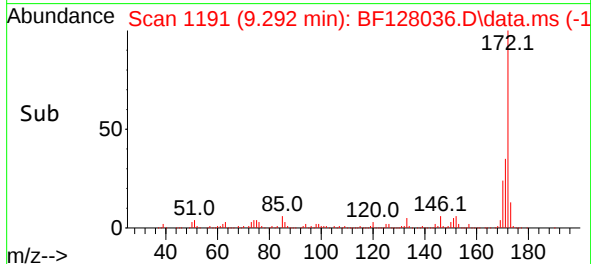
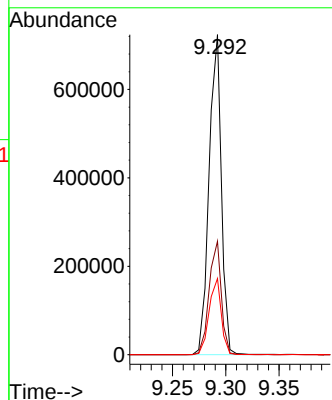
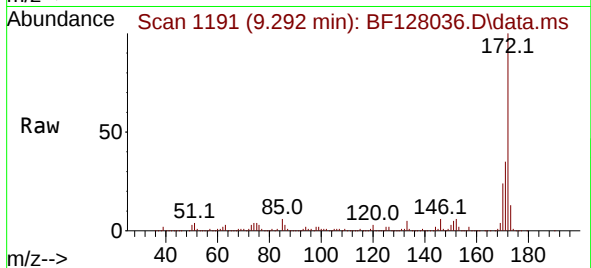
Tgt Ion:172 Resp: 583338

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.8 19.1 28.7



#49

Acenaphthylene

Concen: 8.482 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

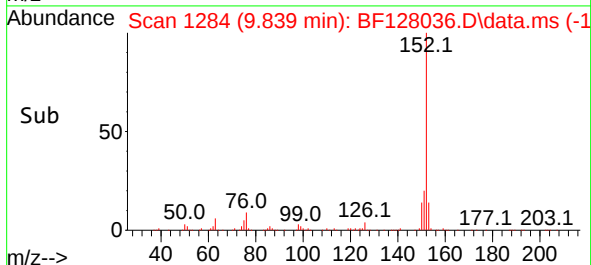
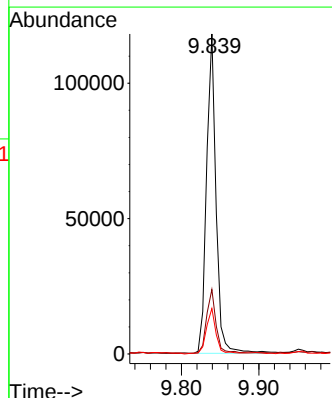
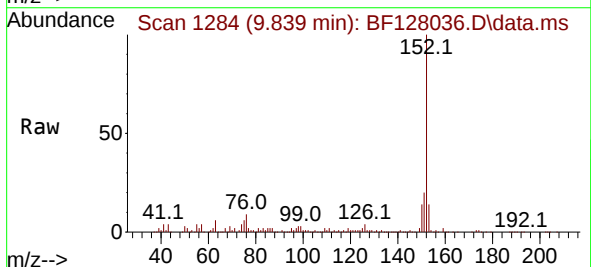
Tgt Ion:152 Resp: 100652

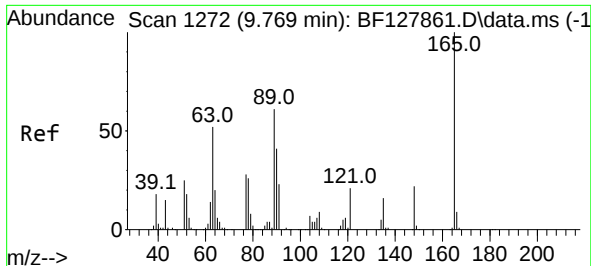
Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 14.2 11.2 16.8

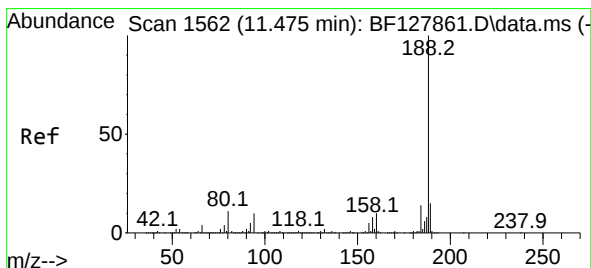
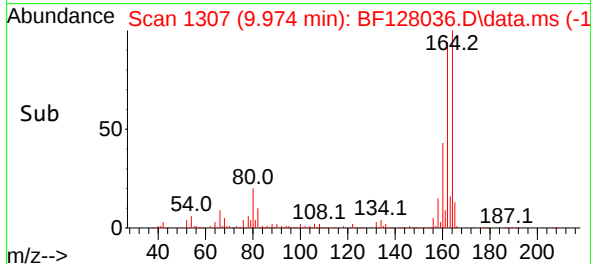
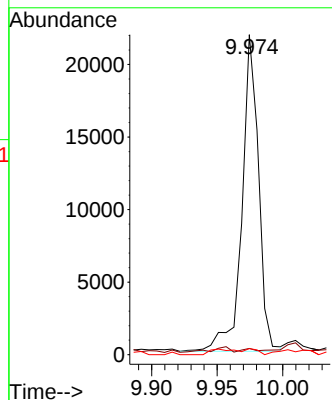
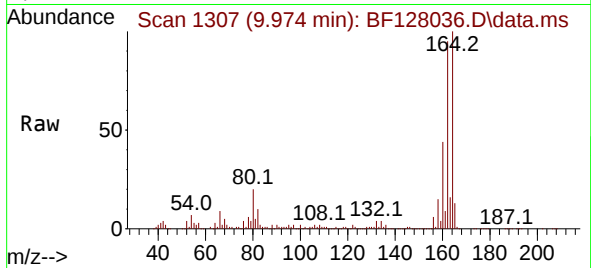




#51
2,6-Dinitrotoluene
Concen: 9.614 ng
RT: 9.974 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF128036.D
Acq: 02 May 2022 20:05

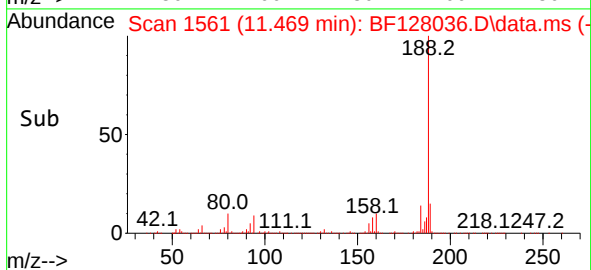
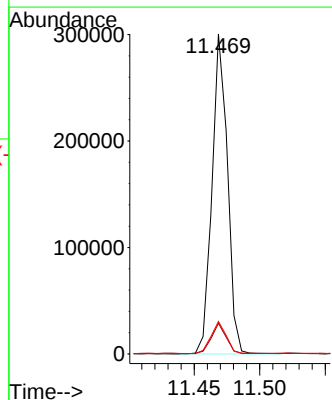
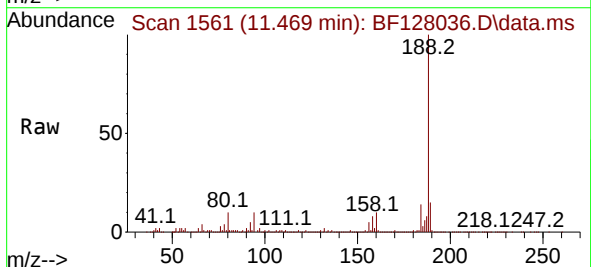
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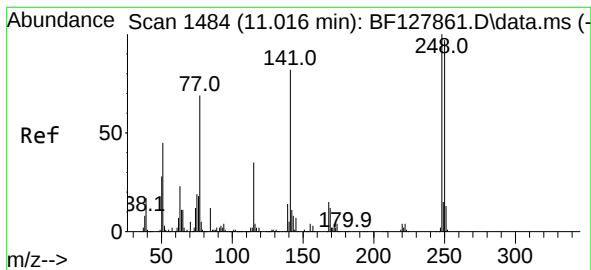
Tgt Ion:165 Resp: 19206
Ion Ratio Lower Upper
165 100
63 1.9 49.5 74.3#
89 1.9 49.0 73.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF128036.D
Acq: 02 May 2022 20:05

Tgt Ion:188 Resp: 246744
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.1 8.9 13.3

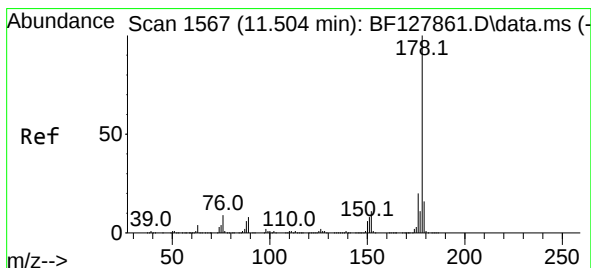
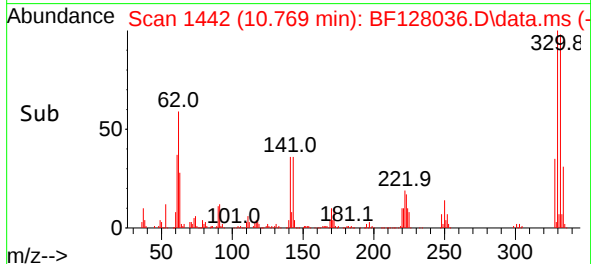
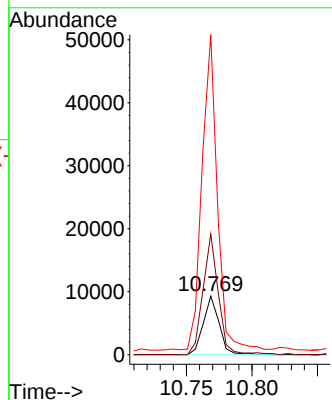
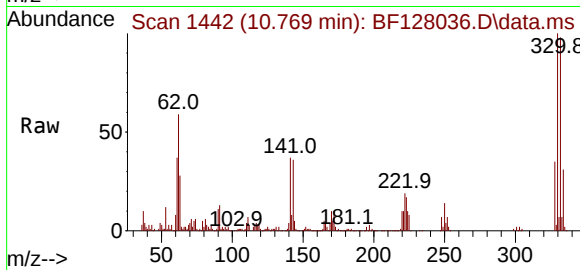




#67
4-Bromophenyl-phenylether
Concen: 2.878 ng
RT: 10.769 min Scan# 1484
Delta R.T. -0.241 min
Lab File: BF128036.D
Acq: 02 May 2022 20:05

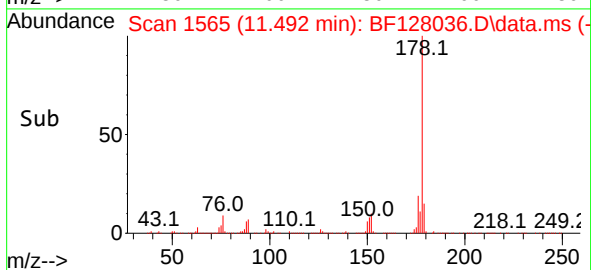
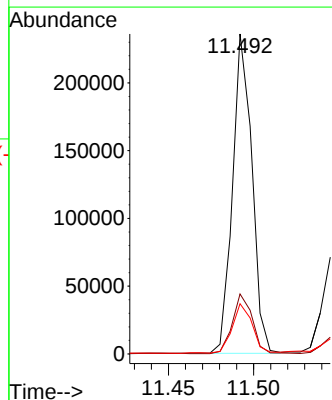
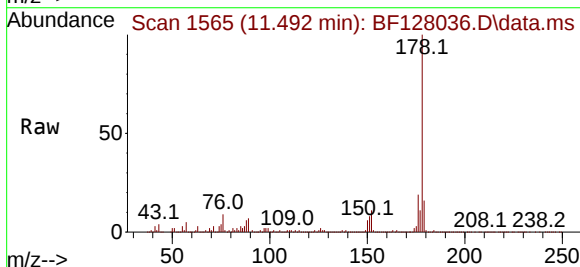
Instrument :
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NB-07-042822

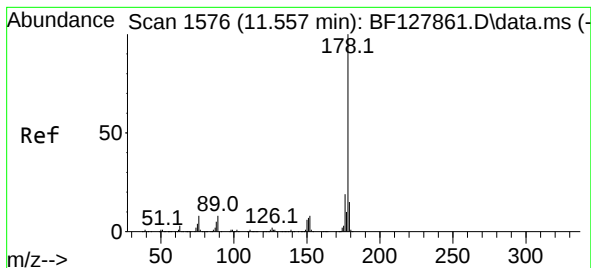
Tgt Ion:248 Resp: 7871
Ion Ratio Lower Upper
248 100
250 205.8 77.7 116.5#
141 545.7 65.6 98.4#



#71
Phenanthrene
Concen: 14.477 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF128036.D
Acq: 02 May 2022 20:05

Tgt Ion:178 Resp: 186989
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.7 12.6 19.0





#72

Anthracene

Concen: 4.928 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

Instrument :

BNA_F

ClientSampleId :

NB-07-042822

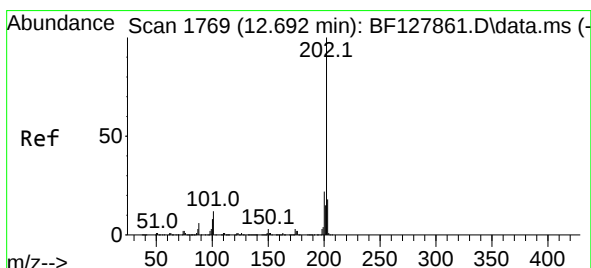
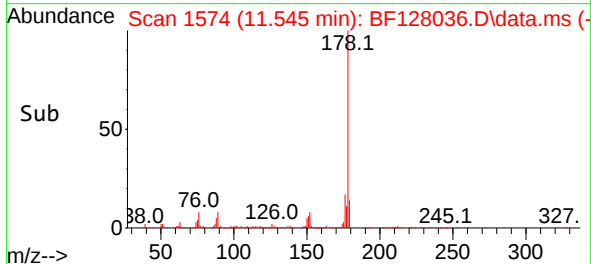
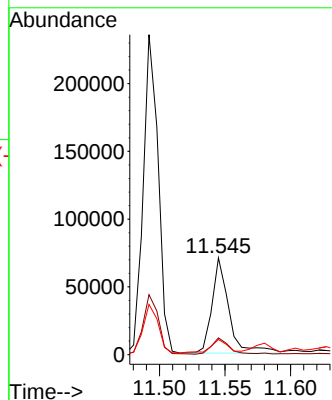
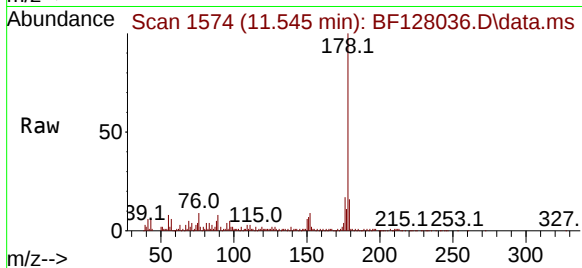
Tgt Ion:178 Resp: 63398

Ion Ratio Lower Upper

178 100

176 17.4 15.0 22.6

179 15.7 12.4 18.6



#75

Fluoranthene

Concen: 31.610 ng

RT: 12.710 min Scan# 1772

Delta R.T. 0.023 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

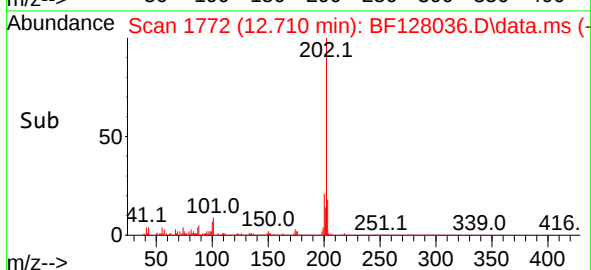
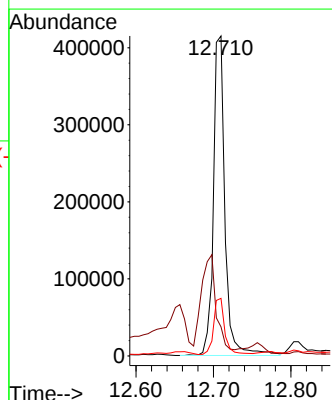
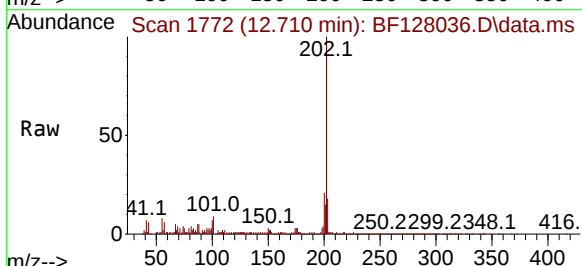
Tgt Ion:202 Resp: 429695

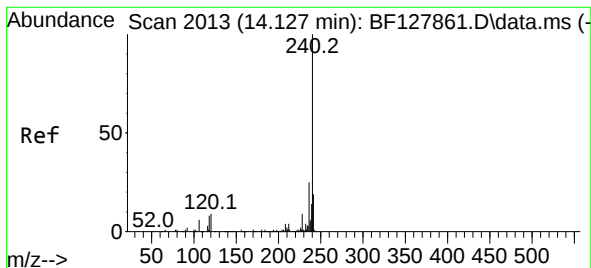
Ion Ratio Lower Upper

202 100

101 9.1 0.0 31.6

203 18.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

Instrument :

BNA_F

ClientSampleId :

NB-07-042822

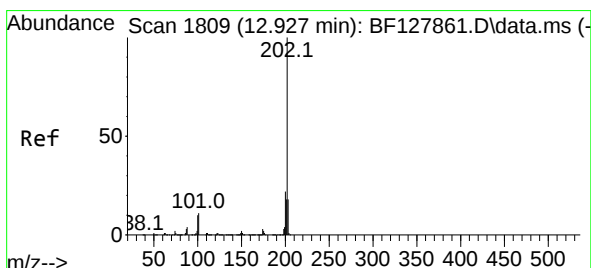
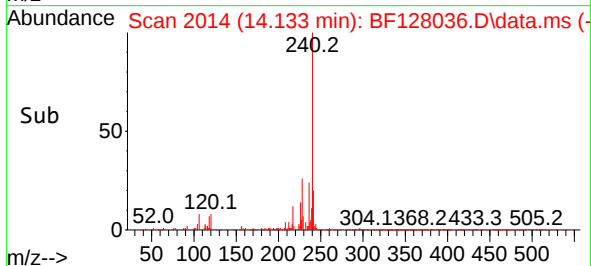
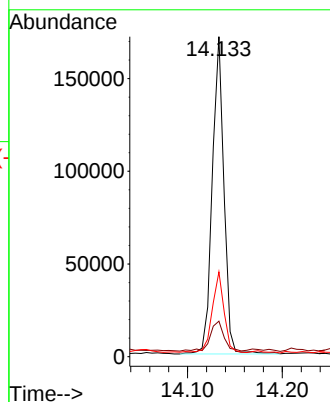
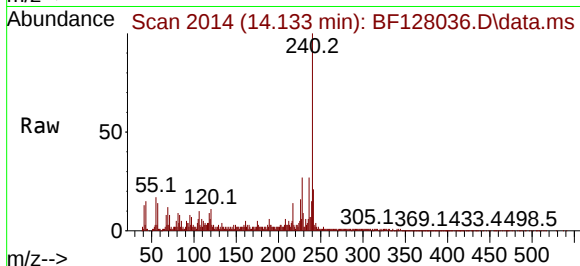
Tgt Ion:240 Resp: 146213

Ion Ratio Lower Upper

240 100

120 11.1 7.0 10.6#

236 26.5 20.3 30.5



#78

Pyrene

Concen: 15.484 ng

RT: 12.945 min Scan# 1812

Delta R.T. 0.029 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

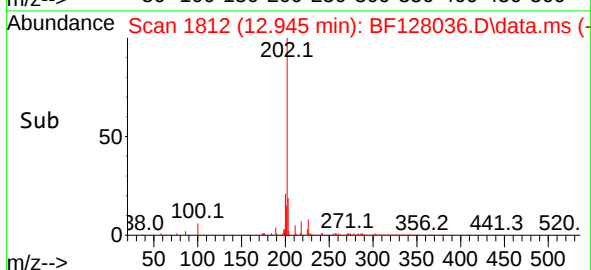
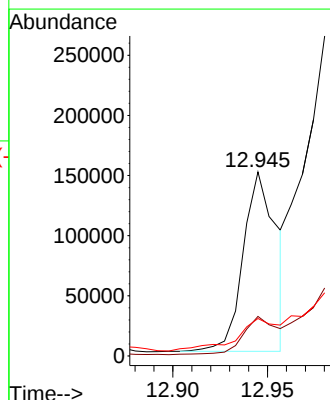
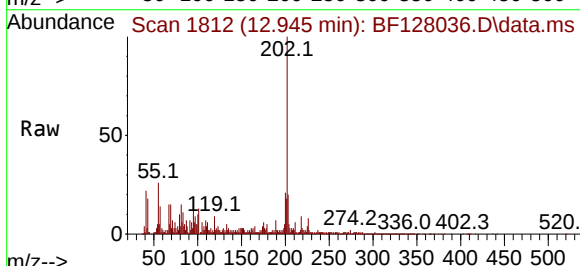
Tgt Ion:202 Resp: 182761

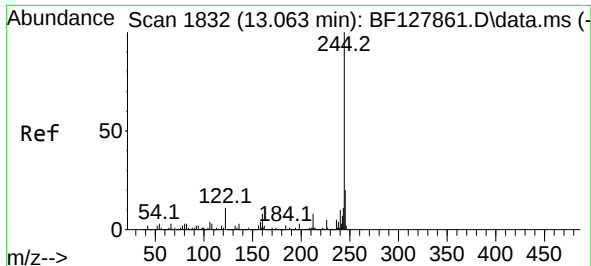
Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

203 20.4 14.0 21.0

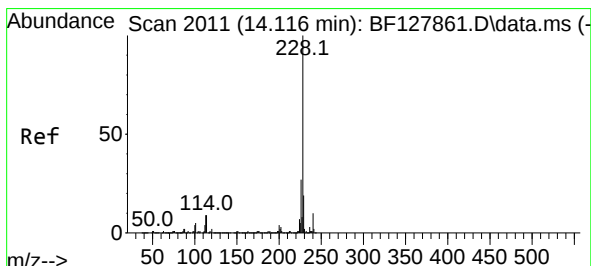
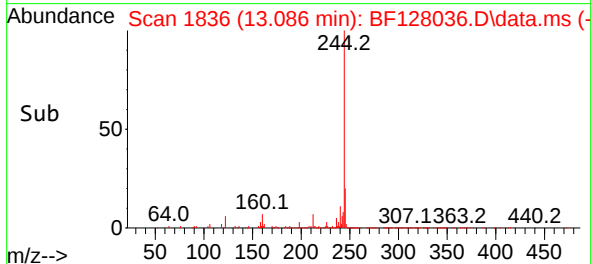
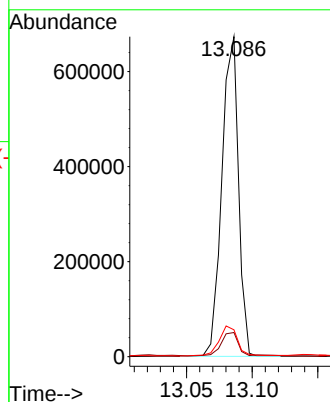
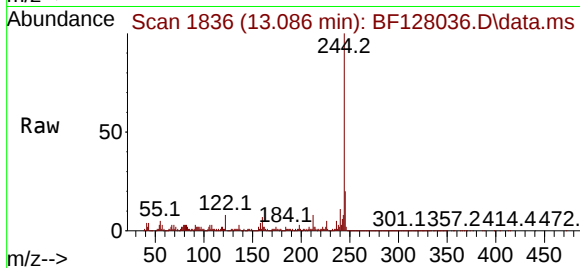




#79
 Terphenyl-d14
 Concen: 73.985 ng
 RT: 13.086 min Scan# 1
 Delta R.T. 0.029 min
 Lab File: BF128036.D
 Acq: 02 May 2022 20:05

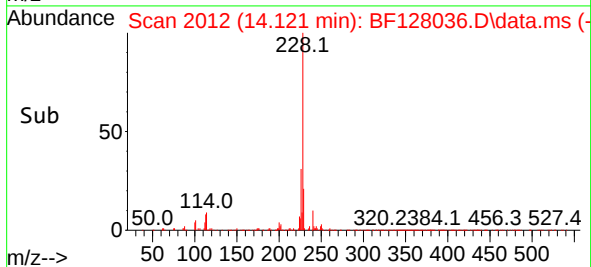
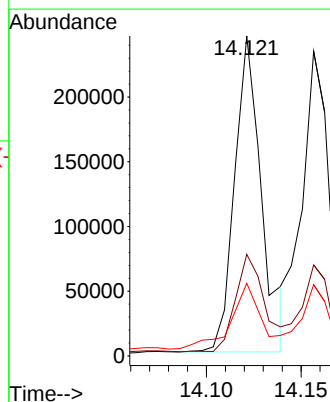
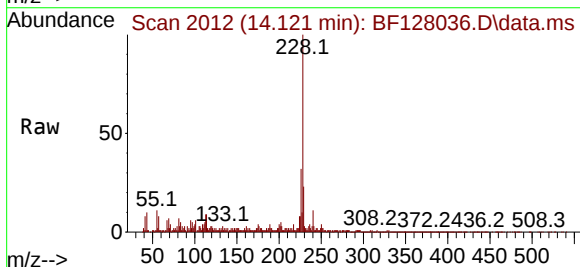
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-042822

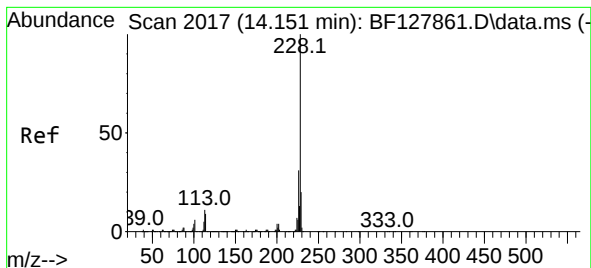
Tgt Ion:244 Resp: 591588
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 8.4 8.6 12.8#



#81
 Benzo(a)anthracene
 Concen: 24.623 ng
 RT: 14.121 min Scan# 2012
 Delta R.T. 0.018 min
 Lab File: BF128036.D
 Acq: 02 May 2022 20:05

Tgt Ion:228 Resp: 239968
 Ion Ratio Lower Upper
 228 100
 226 31.8 21.7 32.5
 229 22.7 15.4 23.2





#83

Chrysene

Concen: 24.149 ng

RT: 14.157 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

Instrument :

BNA_F

ClientSampleId :

NB-07-042822

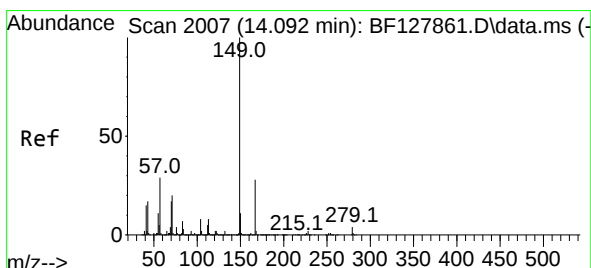
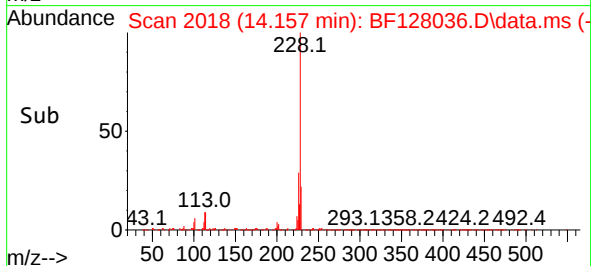
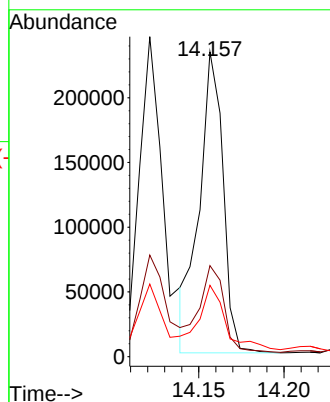
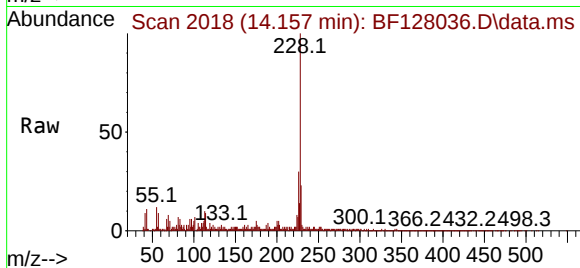
Tgt Ion:228 Resp: 224765

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 23.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.030 ng

RT: 14.086 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

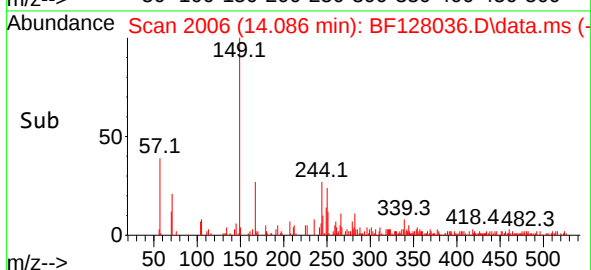
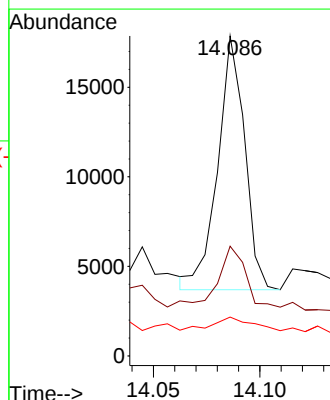
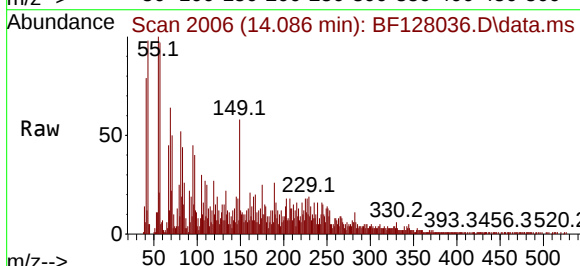
Tgt Ion:149 Resp: 12456

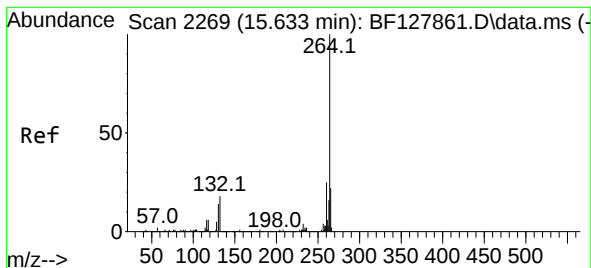
Ion Ratio Lower Upper

149 100

167 34.3 22.0 33.0#

279 12.2 3.4 5.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

Instrument :

BNA_F

ClientSampleId :

NB-07-042822

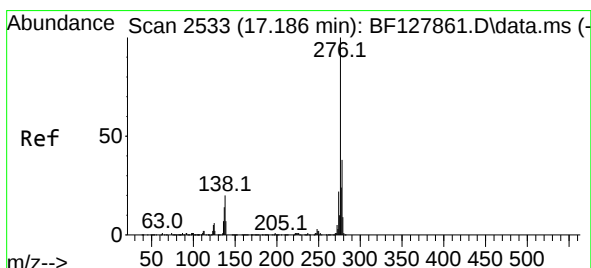
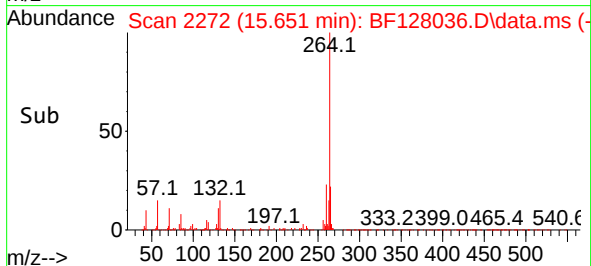
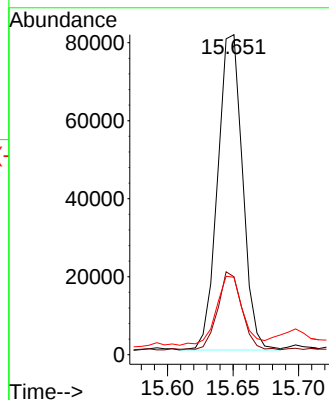
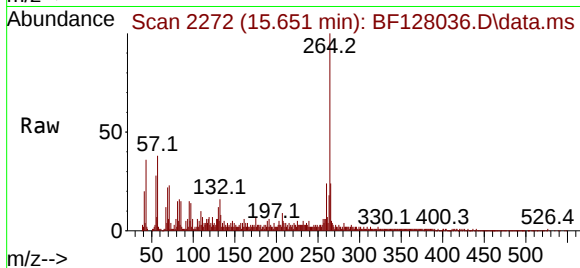
Tgt Ion:264 Resp: 106780

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 24.2 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 17.480 ng

RT: 17.203 min Scan# 2536

Delta R.T. 0.035 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

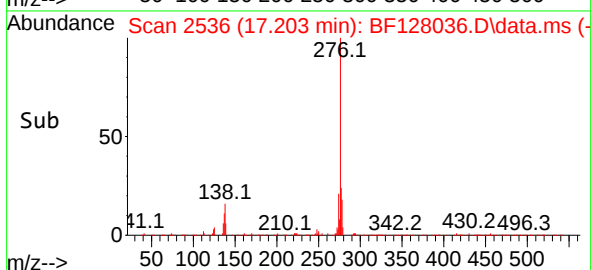
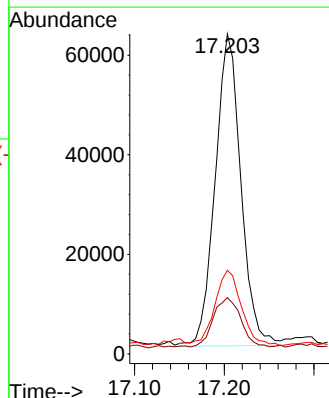
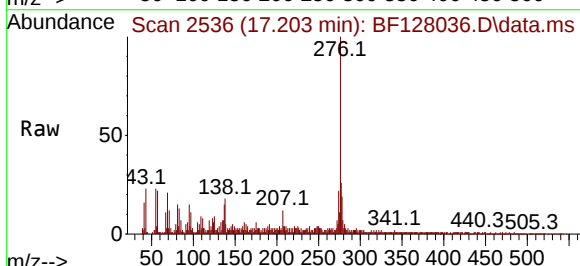
Tgt Ion:276 Resp: 124589

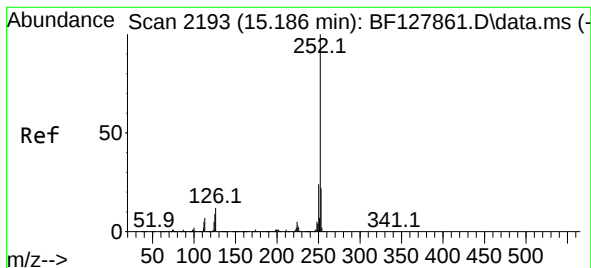
Ion Ratio Lower Upper

276 100

138 16.9 19.0 28.4

277 24.8 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 47.642 ng

RT: 15.198 min Scan# 2195

Delta R.T. 0.023 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

Instrument :

BNA_F

ClientSampleId :

NB-07-042822

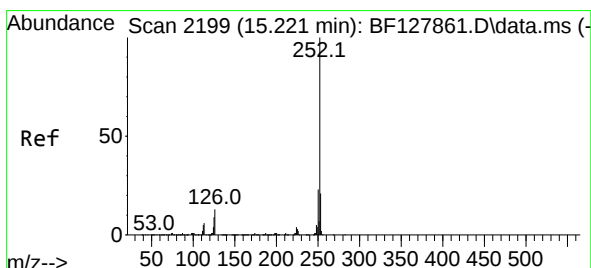
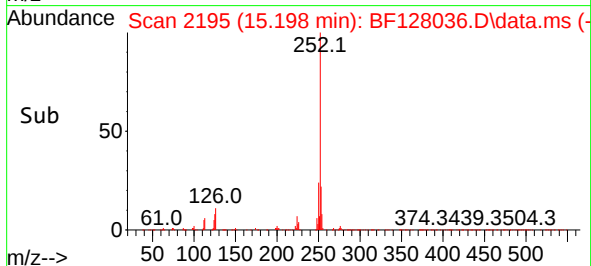
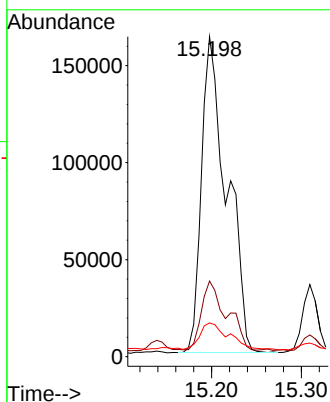
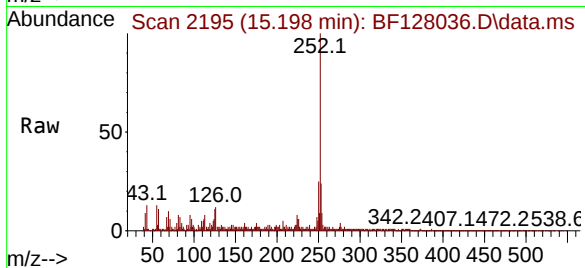
Tgt Ion:252 Resp: 319522

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 10.5 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 47.288 ng

RT: 15.198 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

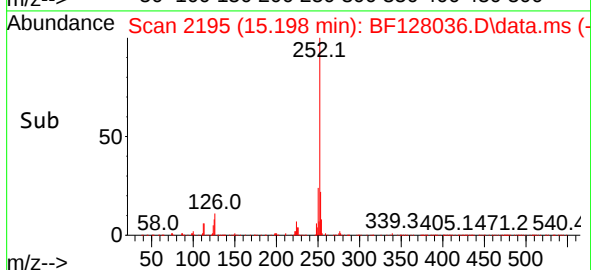
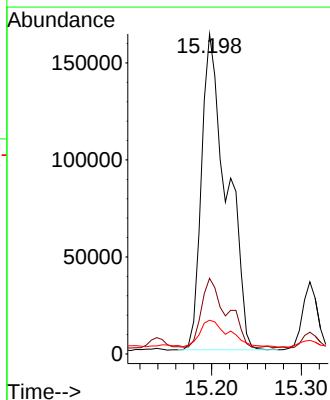
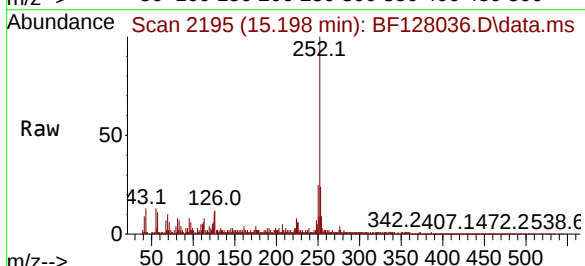
Tgt Ion:252 Resp: 319522

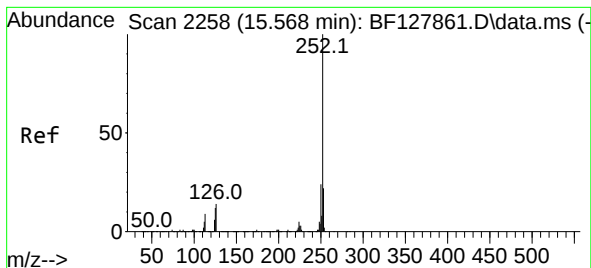
Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.4

125 10.5 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 31.458 ng

RT: 15.586 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

Instrument :

BNA_F

ClientSampleId :

NB-07-042822

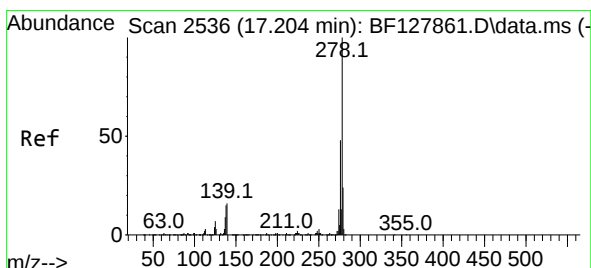
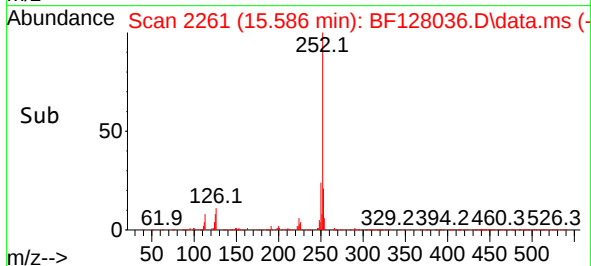
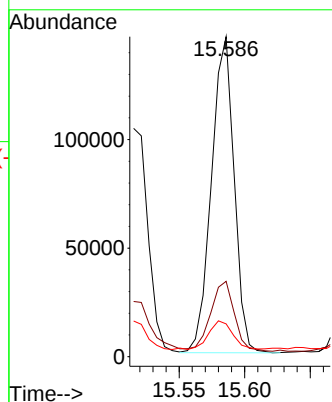
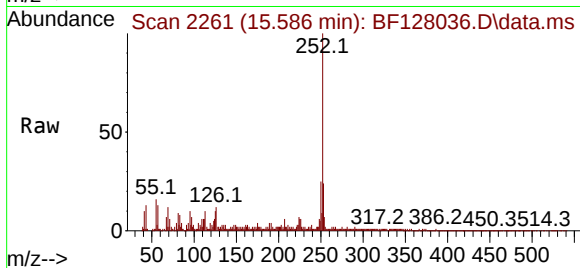
Tgt Ion:252 Resp: 175007

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

125 10.2 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 5.205 ng

RT: 17.209 min Scan# 2537

Delta R.T. 0.023 min

Lab File: BF128036.D

Acq: 02 May 2022 20:05

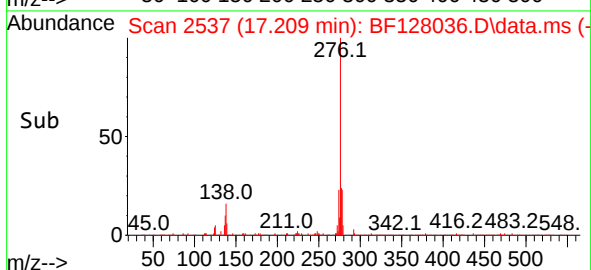
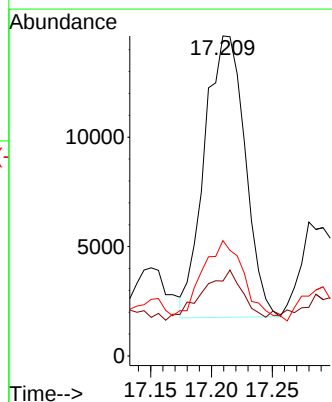
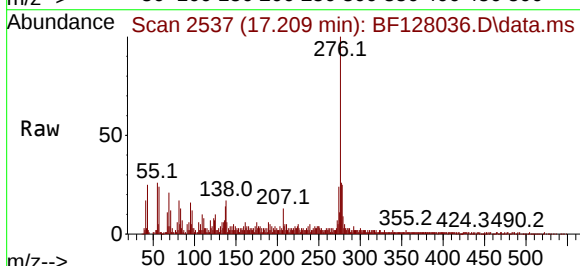
Tgt Ion:278 Resp: 29752

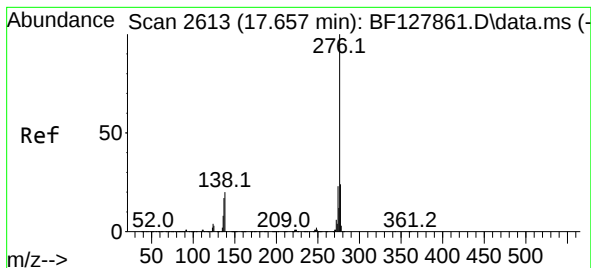
Ion Ratio Lower Upper

278 100

139 23.4 12.6 19.0#

279 36.0 18.9 28.3#





#92

Benzo(g,h,i)perylene

Concen: 20.583 ng

RT: 17.680 min Scan# 20

Delta R.T. 0.041 min

Lab File: BF128036.D

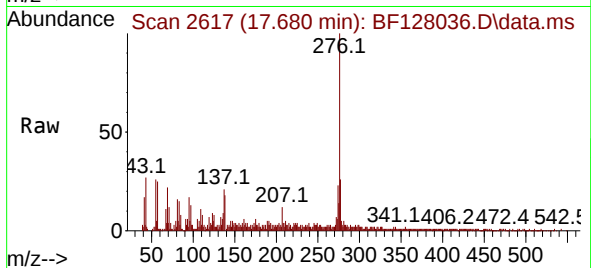
Acq: 02 May 2022 20:05

Instrument :

BNA_F

ClientSampleId :

NB-07-042822



Tgt Ion:276 Resp: 123990

Ion Ratio Lower Upper

276 100

277 26.3 18.8 28.2

138 18.1 16.2 24.2

