

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128013.D
 Acq On : 29 Apr 2022 23:54
 Operator : CG\JU
 Sample : N2610-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-042822

Quant Time: May 02 00:59:32 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)

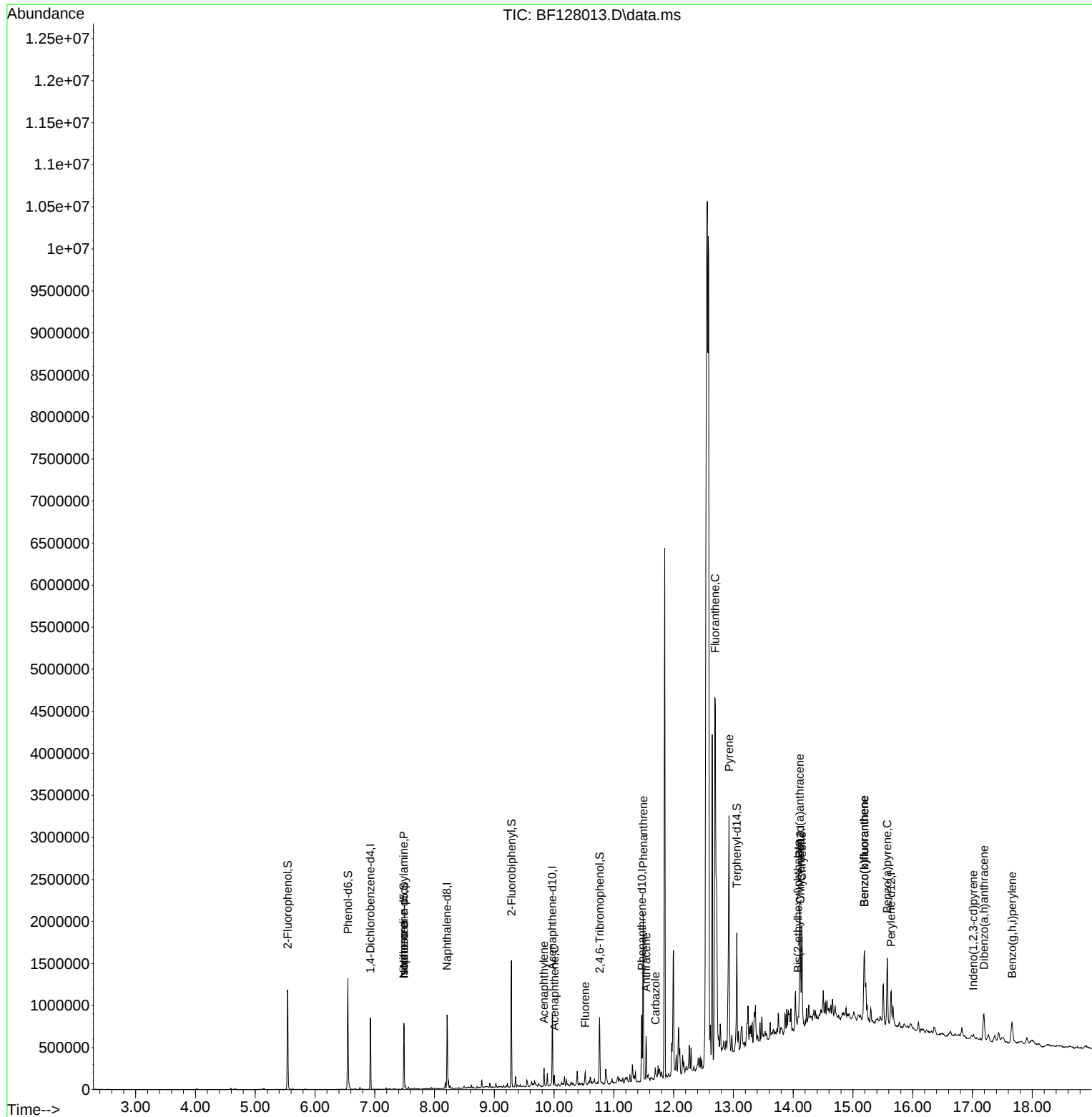
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	103053	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	345092	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	172164	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	315915	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	186008	20.000	ng	0.00
86) Perylene-d12	15.639	264	139530	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	311180	48.096	ng	0.00
7) Phenol-d6	6.551	99	386472	46.035	ng	-0.01
23) Nitrobenzene-d5	7.486	82	249385	33.983	ng	-0.02
42) 2,4,6-Tribromophenol	10.763	330	84099	48.525	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	409750	40.263	ng	0.00
79) Terphenyl-d14	13.057	244	427122	41.988	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	34856	6.782	ng	# 80
25) Isophorone	7.486	82	250348	20.269	ng	# 68
49) Acenaphthylene	9.833	152	78262	5.270	ng	98
52) Acenaphthene	10.004	154	23173	2.321	ng	99
58) Fluorene	10.522	166	38895	3.619	ng	97
71) Phenanthrene	11.492	178	681468	41.209	ng	99
72) Anthracene	11.539	178	192258	11.671	ng	99
73) Carbazole	11.698	167	40884	2.575	ng	99
75) Fluoranthene	12.692	202	1182001	67.914	ng	99
78) Pyrene	12.927	202	1247421	83.076	ng	99
81) Benzo(a)anthracene	14.110	228	580384	46.813	ng	94
83) Chrysene	14.145	228	477785	40.352	ng	97
84) Bis(2-ethylhexyl)phtha...	14.080	149	17463	2.237	ng	# 88
87) Indeno(1,2,3-cd)pyrene	17.015	276	40836	4.385	ng	94
88) Benzo(b)fluoranthene	15.192	252	692662	79.037	ng	97
89) Benzo(k)fluoranthene	15.192	252	692662	78.451	ng	# 95
90) Benzo(a)pyrene	15.574	252	391288	53.827	ng	98
91) Dibenzo(a,h)anthracene	17.192	278	54777	7.334	ng	# 88
92) Benzo(g,h,i)perylene	17.662	276	224805	28.559	ng	96

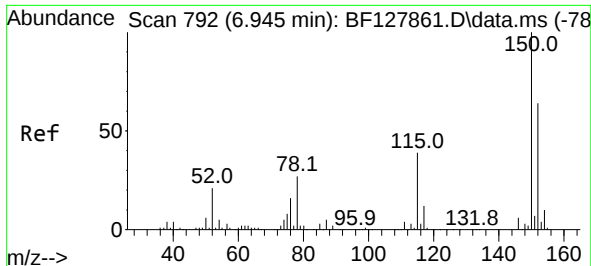
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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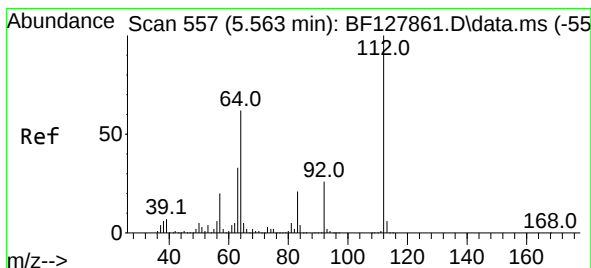
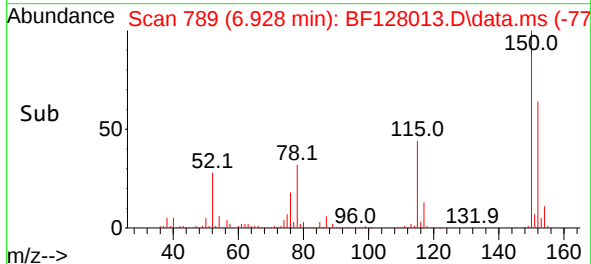
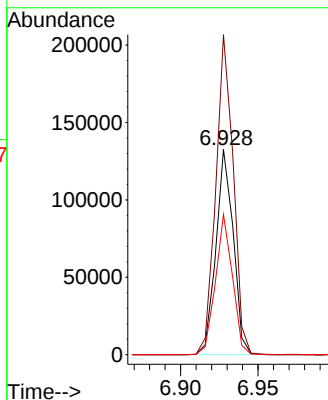
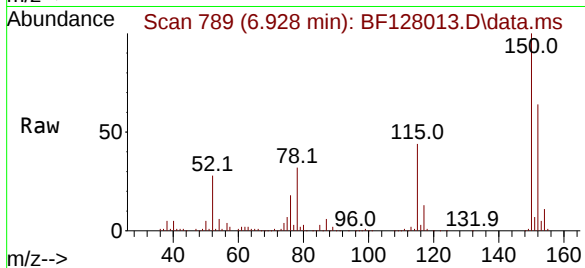




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128013.D
 Acq: 29 Apr 2022 23:54

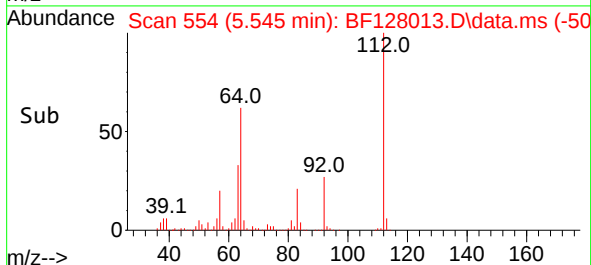
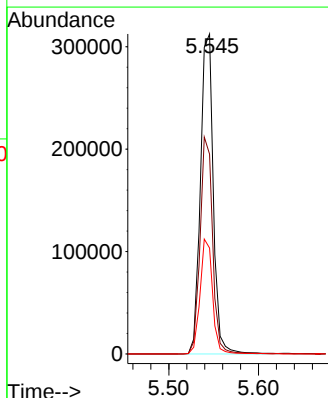
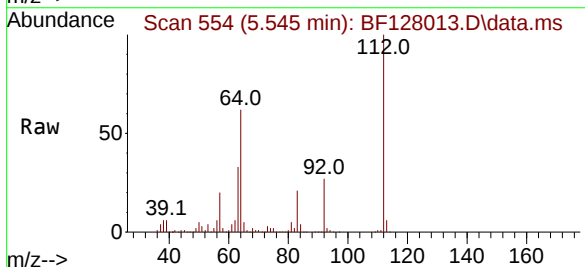
Instrument :
 BNA_F
 ClientSampleId :
 HR-03-042822

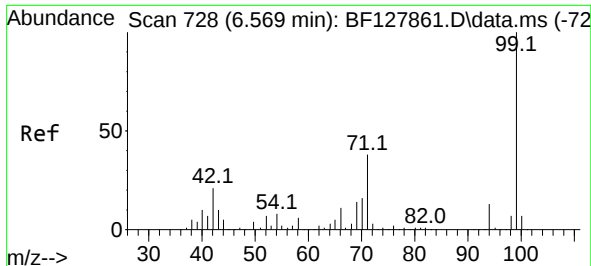
Tgt Ion:152 Resp: 103053
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.3 187.9
 115 68.3 48.8 73.2



#5
 2-Fluorophenol
 Concen: 48.096 ng
 RT: 5.545 min Scan# 554
 Delta R.T. -0.006 min
 Lab File: BF128013.D
 Acq: 29 Apr 2022 23:54

Tgt Ion:112 Resp: 311180
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.5 74.3
 63 33.1 26.3 39.5

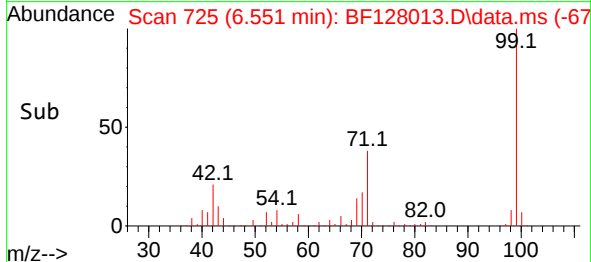
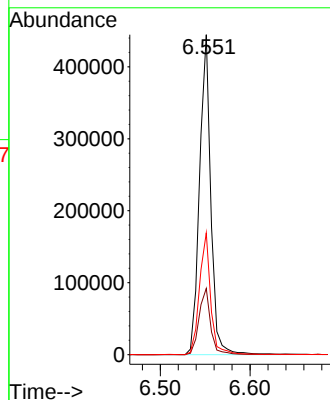
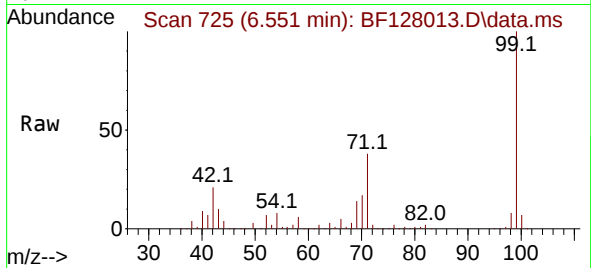




#7
Phenol-d6
Concen: 46.035 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

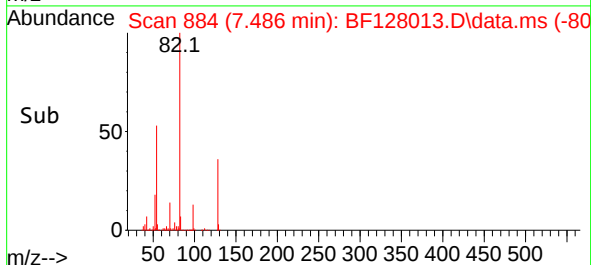
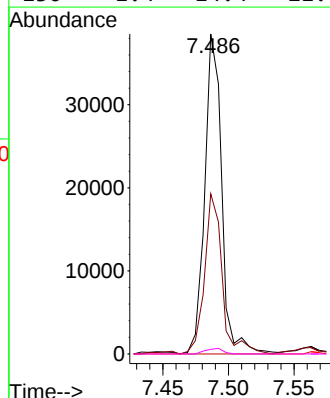
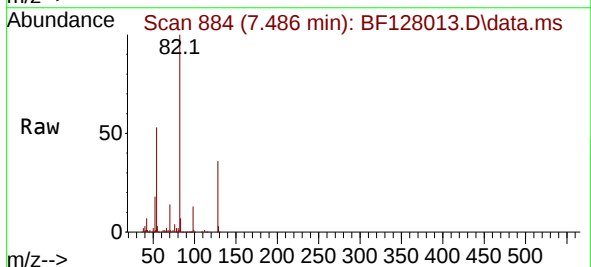
Instrument :
BNA_F
ClientSampleId :
HR-03-042822

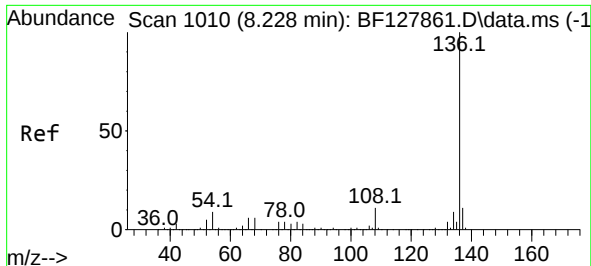
Tgt Ion: 99 Resp: 386472
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 6.782 ng
RT: 7.486 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

Tgt Ion: 70 Resp: 34856
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#

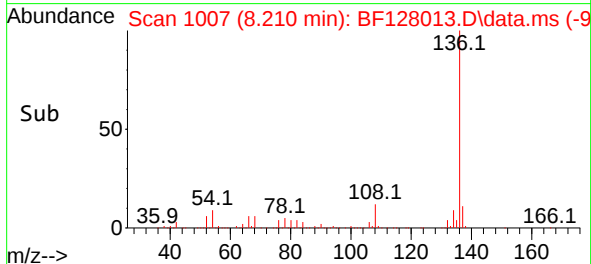
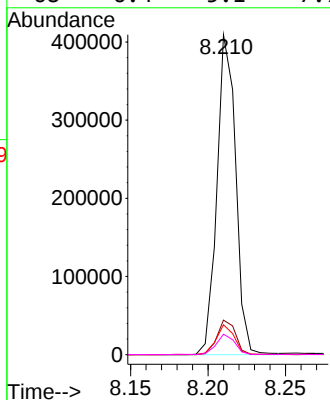
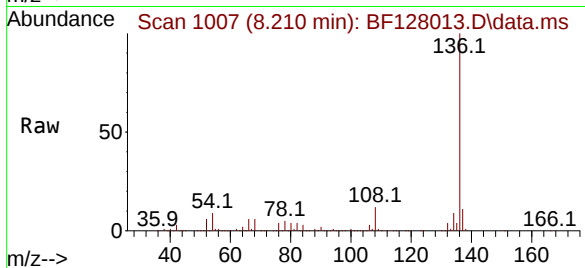




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

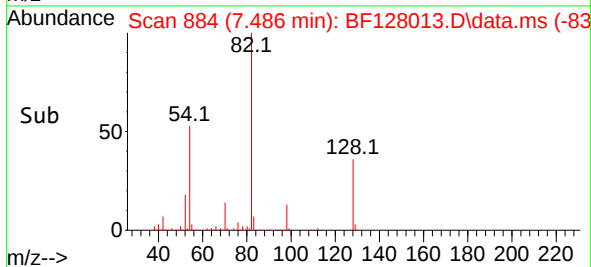
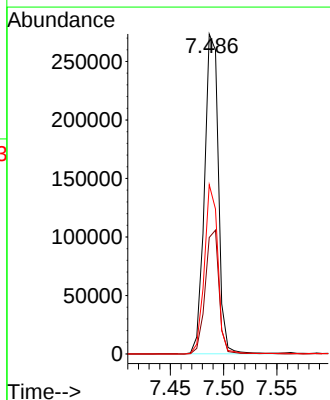
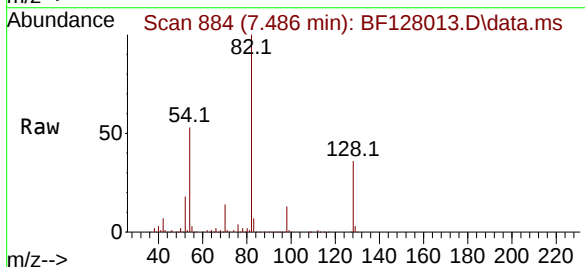
Instrument :
BNA_F
ClientSampleId :
HR-03-042822

Tgt Ion:	136	Resp:	345092
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.3	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 33.983 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

Tgt Ion:	82	Resp:	249385
Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.0	45.0
54	52.9	41.3	61.9

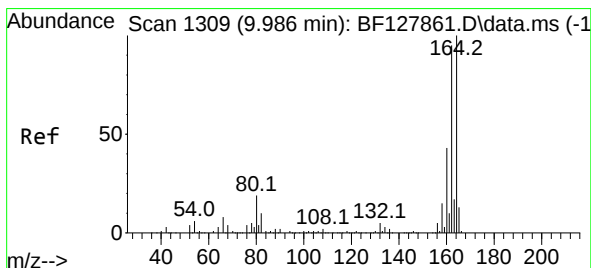
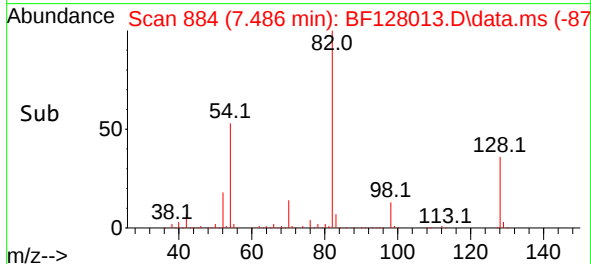
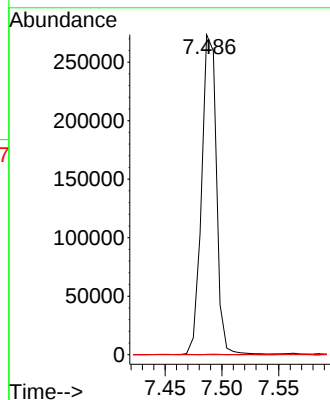
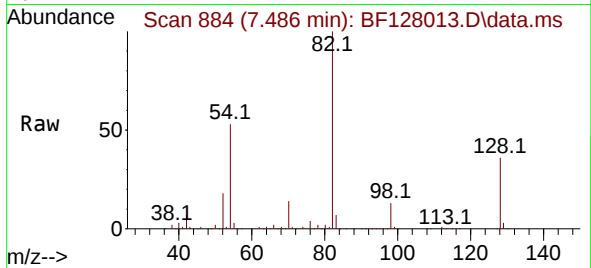




#25
Isophorone
Concen: 20.269 ng
RT: 7.486 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

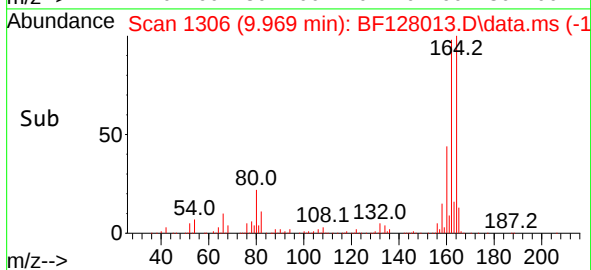
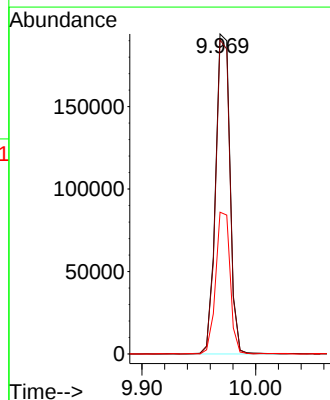
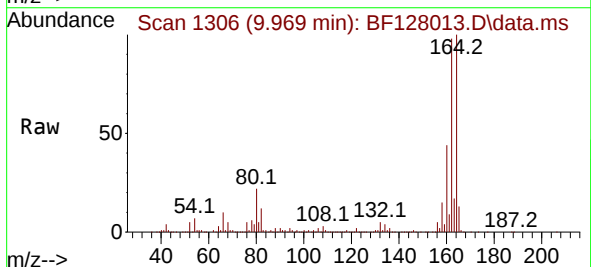
Instrument :
BNA_F
ClientSampleId :
HR-03-042822

Tgt Ion: 82 Resp: 250348
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: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

Tgt Ion:164 Resp: 172164
Ion Ratio Lower Upper
164 100
162 98.2 76.0 114.0
160 44.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 48.525 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128013.D

Acq: 29 Apr 2022 23:54

Instrument :

BNA_F

ClientSampleId :

HR-03-042822

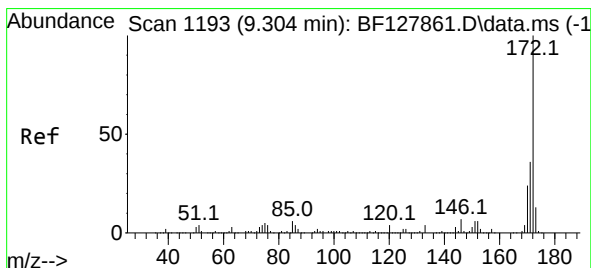
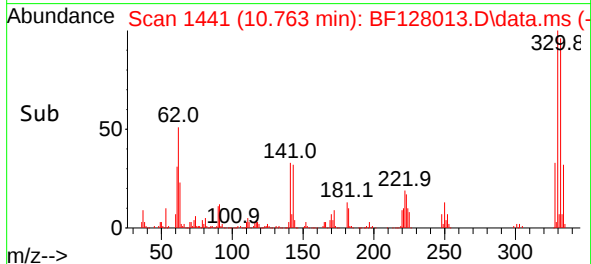
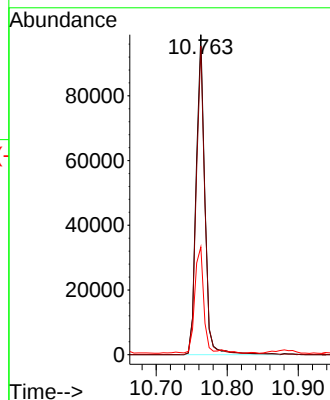
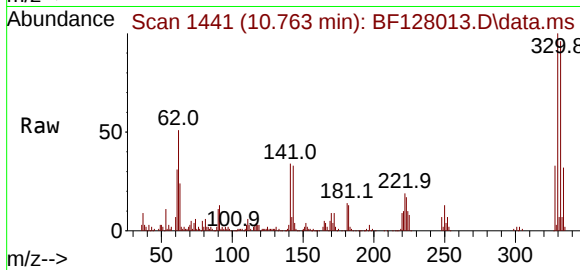
Tgt Ion:330 Resp: 84099

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 34.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 40.263 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF128013.D

Acq: 29 Apr 2022 23:54

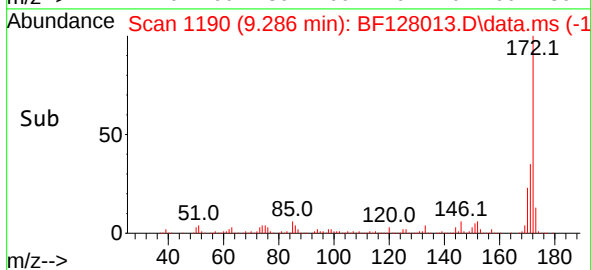
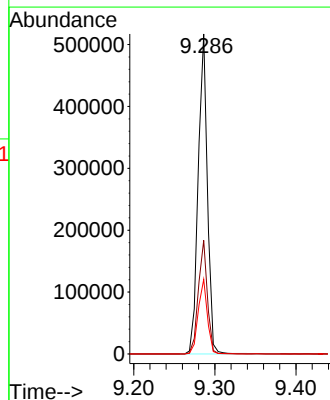
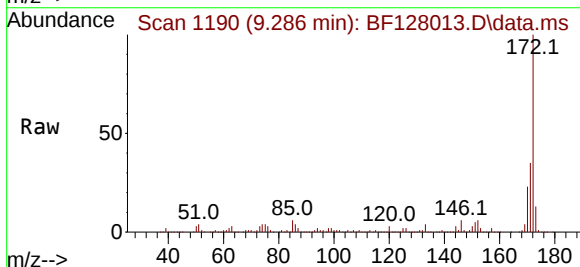
Tgt Ion:172 Resp: 409750

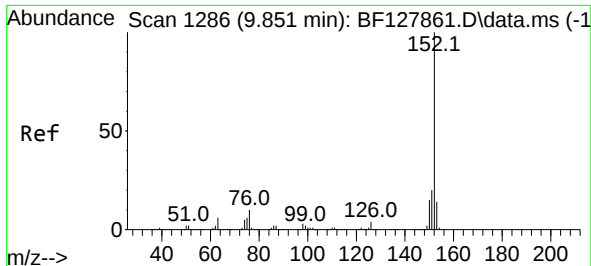
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.3 19.1 28.7





#49

Acenaphthylene

Concen: 5.270 ng

RT: 9.833 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128013.D

Acq: 29 Apr 2022 23:54

Instrument :

BNA_F

ClientSampleId :

HR-03-042822

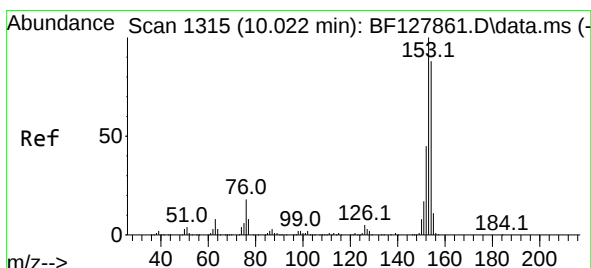
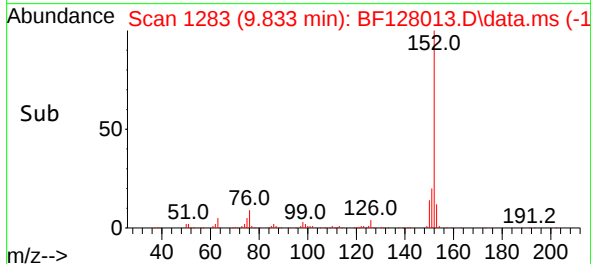
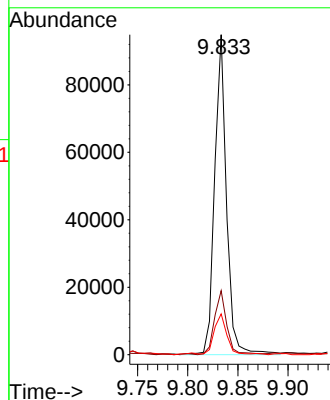
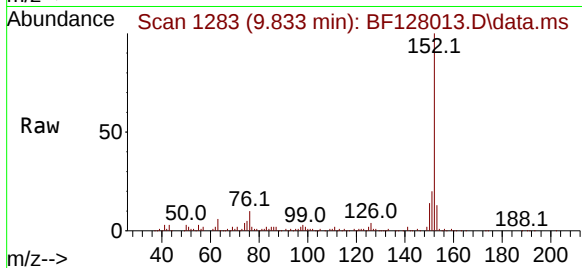
Tgt Ion:152 Resp: 78262

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 12.8 11.2 16.8



#52

Acenaphthene

Concen: 2.321 ng

RT: 10.004 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF128013.D

Acq: 29 Apr 2022 23:54

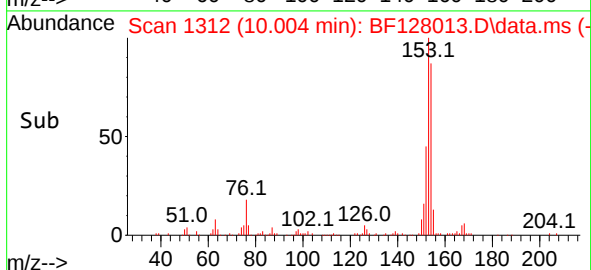
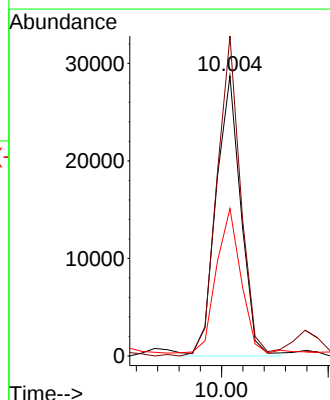
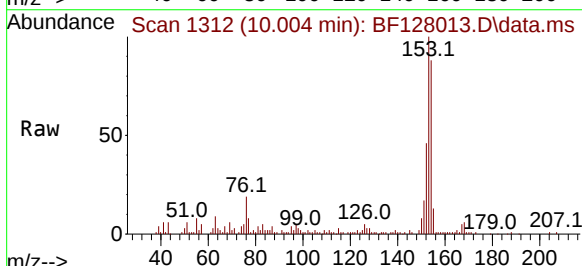
Tgt Ion:154 Resp: 23173

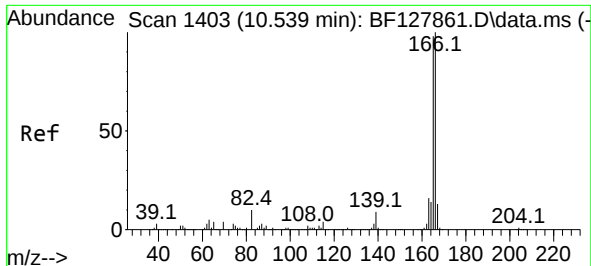
Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

152 52.6 41.0 61.6

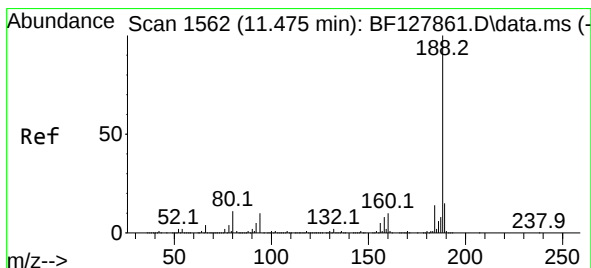
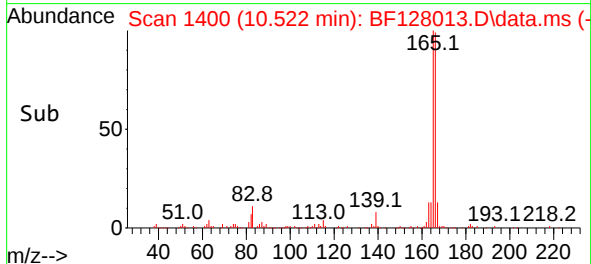
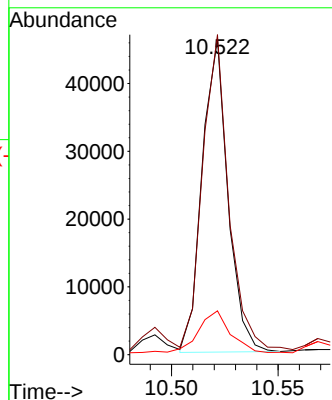
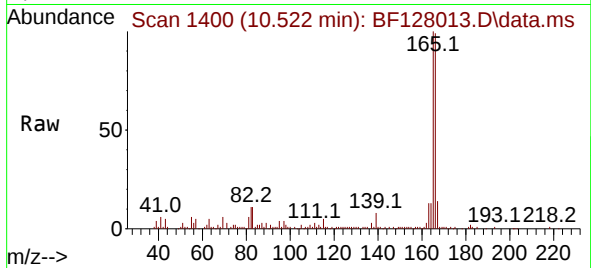




#58
Fluorene
Concen: 3.619 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

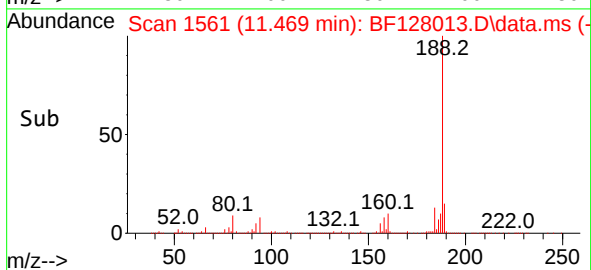
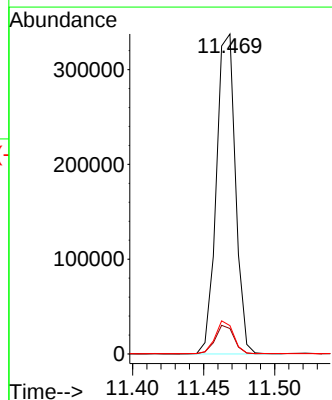
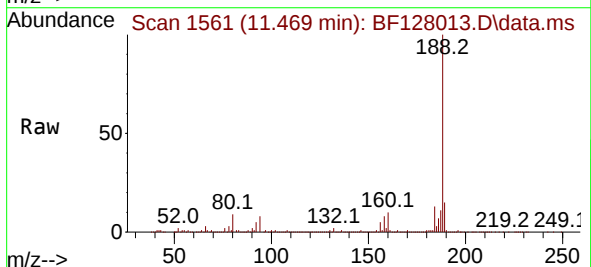
Instrument :
BNA_F
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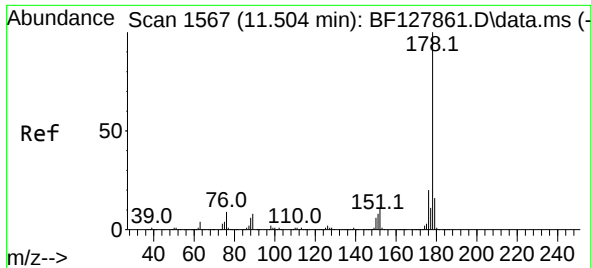
Tgt Ion:166 Resp: 38895
Ion Ratio Lower Upper
166 100
165 101.4 78.6 117.8
167 13.9 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

Tgt Ion:188 Resp: 315915
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0#
80 8.9 8.9 13.3#

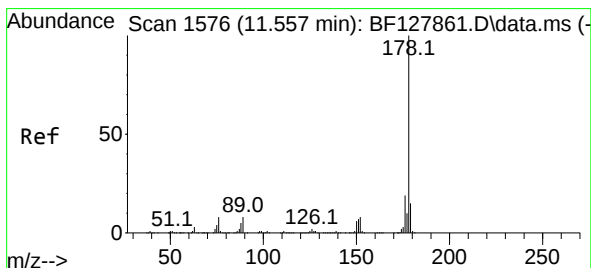
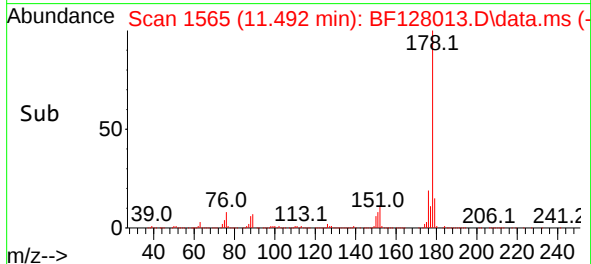
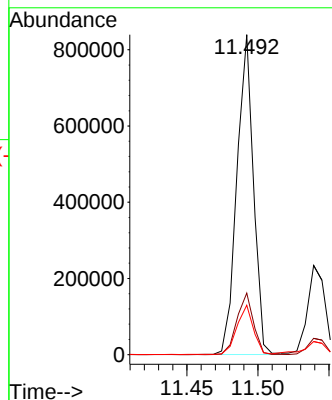
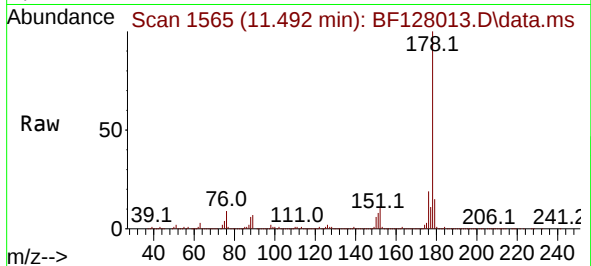




#71
Phenanthrene
Concen: 41.209 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

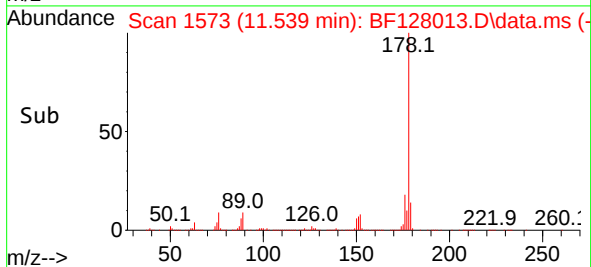
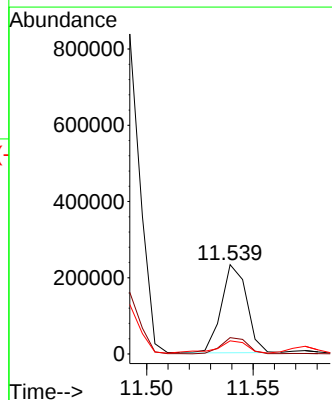
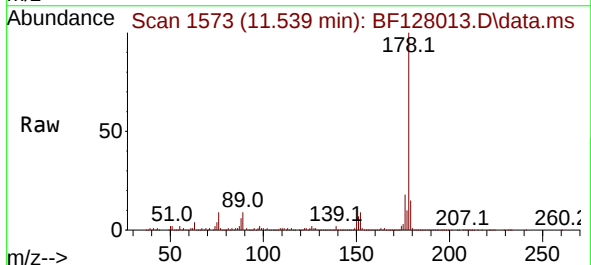
Instrument :
BNA_F
ClientSampleId :
HR-03-042822

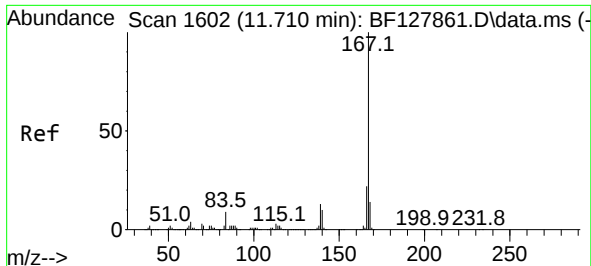
Tgt Ion:178 Resp: 681468
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.4 12.6 19.0



#72
Anthracene
Concen: 11.671 ng
RT: 11.539 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

Tgt Ion:178 Resp: 192258
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 14.8 12.4 18.6

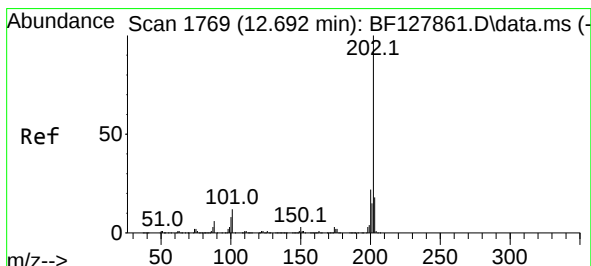
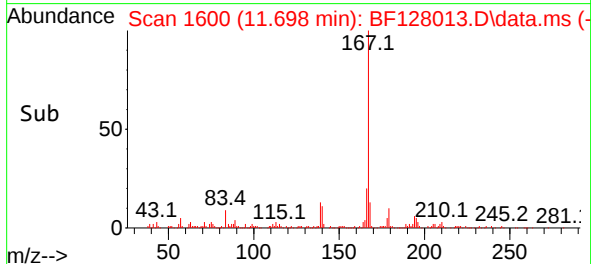
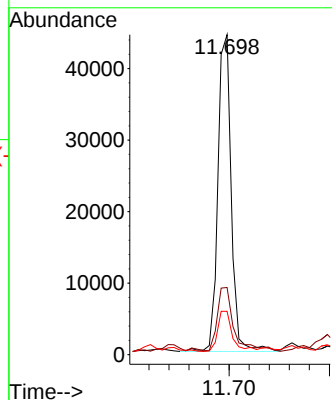
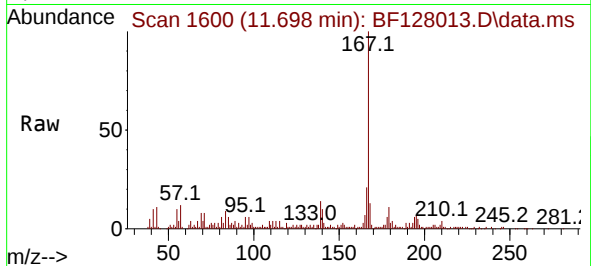




#73
 Carbazole
 Concen: 2.575 ng
 RT: 11.698 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF128013.D
 Acq: 29 Apr 2022 23:54

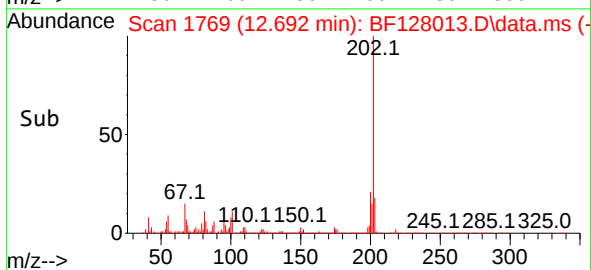
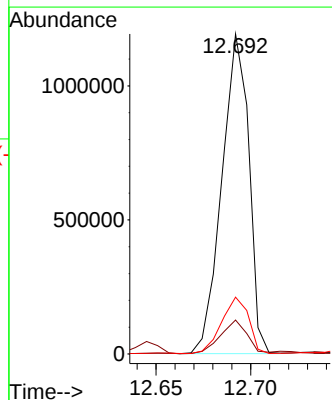
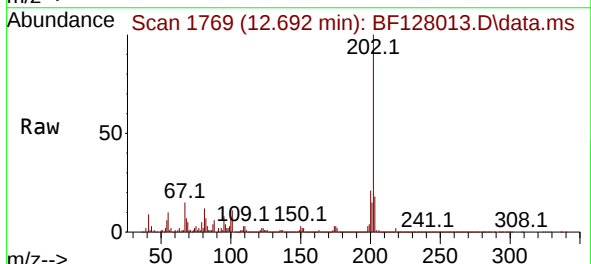
Instrument :
 BNA_F
 ClientSampleId :
 HR-03-042822

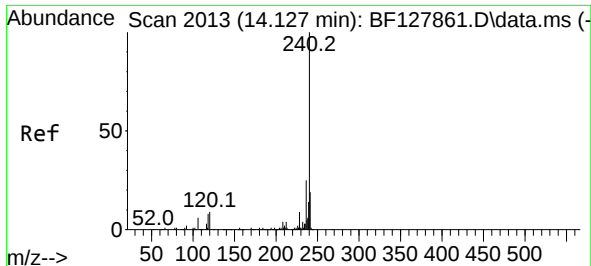
Tgt Ion:167 Resp: 40884
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.6 26.4
 139 13.6 10.7 16.1



#75
 Fluoranthene
 Concen: 67.914 ng
 RT: 12.692 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: BF128013.D
 Acq: 29 Apr 2022 23:54

Tgt Ion:202 Resp: 1182001
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 31.6
 203 17.7 0.0 38.1

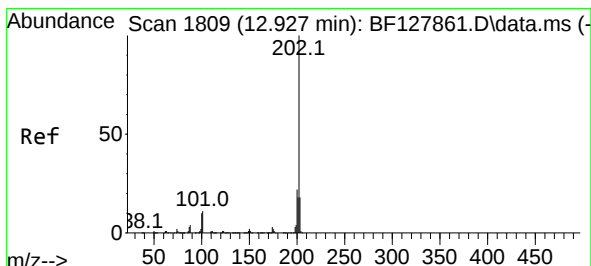
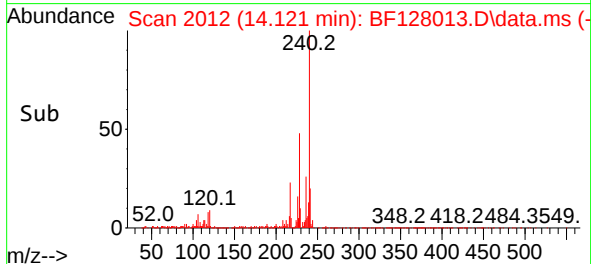
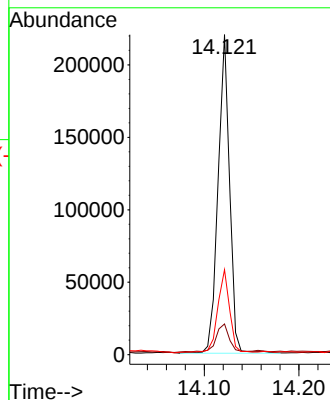
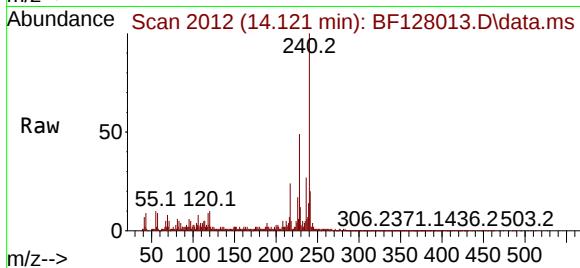




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

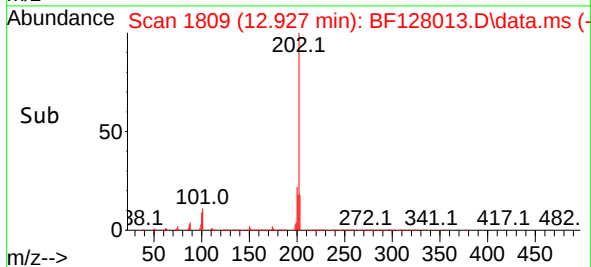
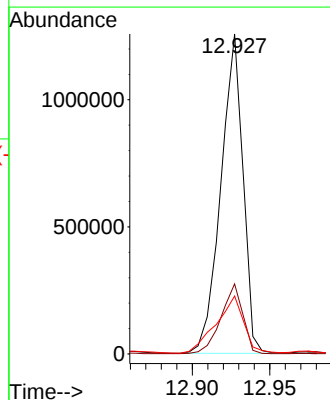
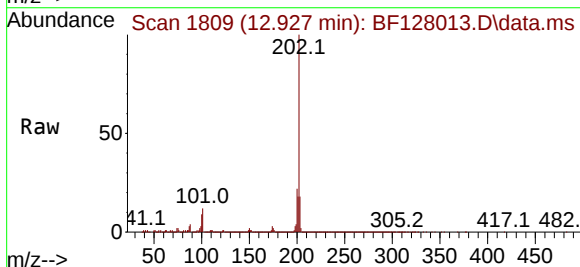
Instrument :
BNA_F
ClientSampleId :
HR-03-042822

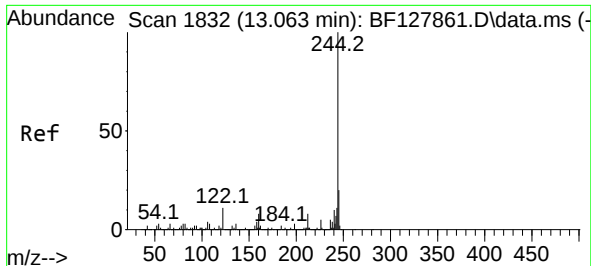
Tgt Ion:240 Resp: 186008
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 26.6 20.3 30.5



#78
Pyrene
Concen: 83.076 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.012 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

Tgt Ion:202 Resp: 1247421
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.1 14.0 21.0

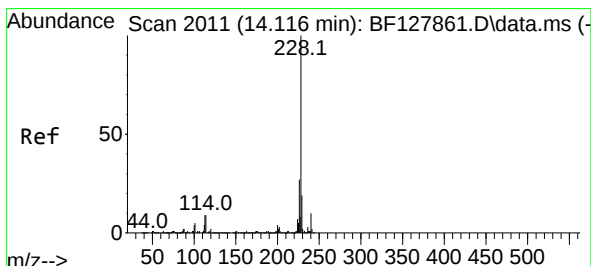
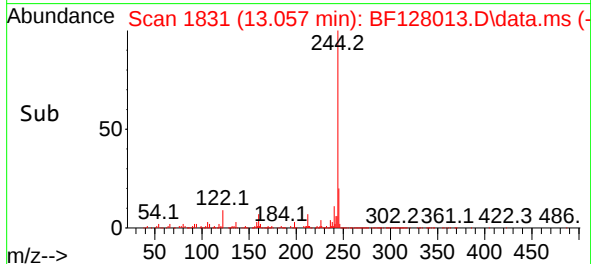
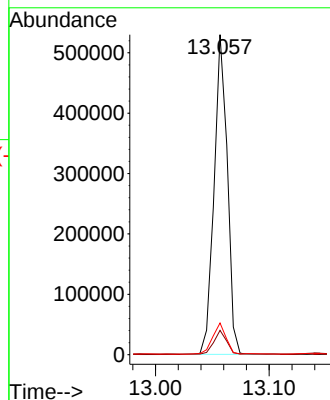
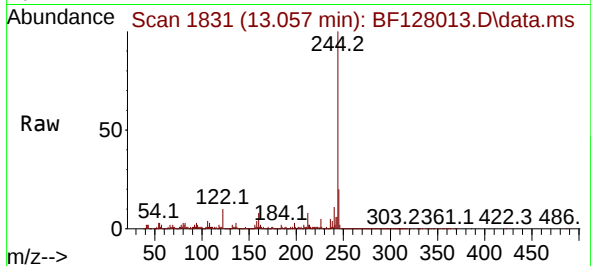




#79
 Terphenyl-d14
 Concen: 41.988 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128013.D
 Acq: 29 Apr 2022 23:54

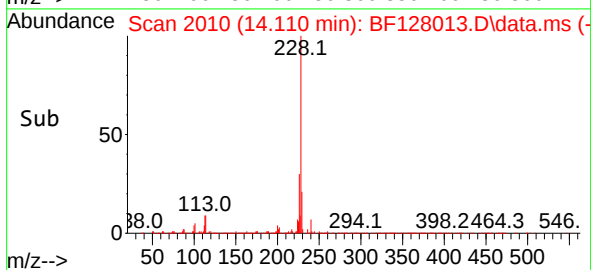
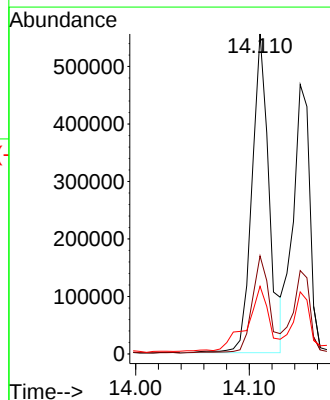
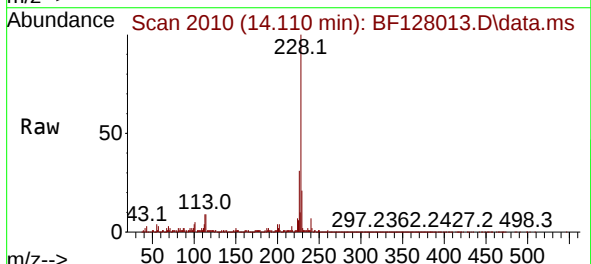
Instrument :
 BNA_F
 ClientSampleId :
 HR-03-042822

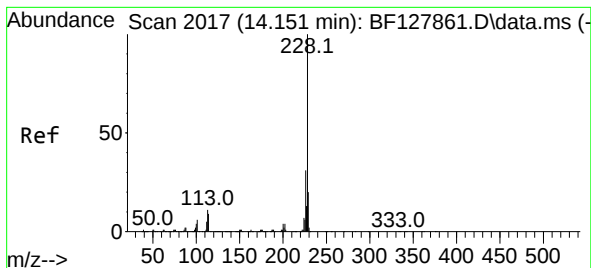
Tgt Ion:244 Resp: 427122
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.9 8.6 12.8



#81
 Benzo(a)anthracene
 Concen: 46.813 ng
 RT: 14.110 min Scan# 2010
 Delta R.T. 0.006 min
 Lab File: BF128013.D
 Acq: 29 Apr 2022 23:54

Tgt Ion:228 Resp: 580384
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.7 32.5
 229 21.1 15.4 23.2





#83

Chrysene

Concen: 40.352 ng

RT: 14.145 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF128013.D

Acq: 29 Apr 2022 23:54

Instrument :

BNA_F

ClientSampleId :

HR-03-042822

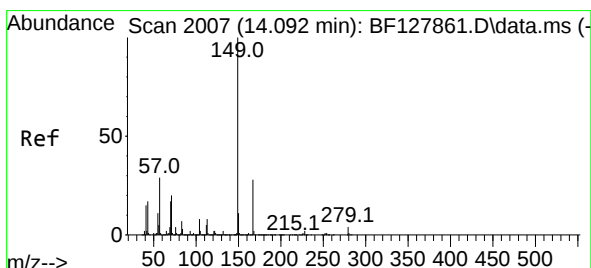
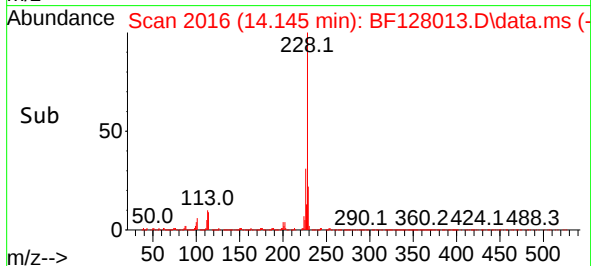
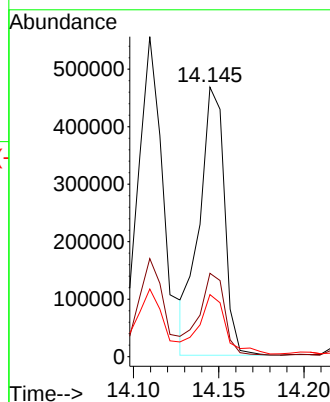
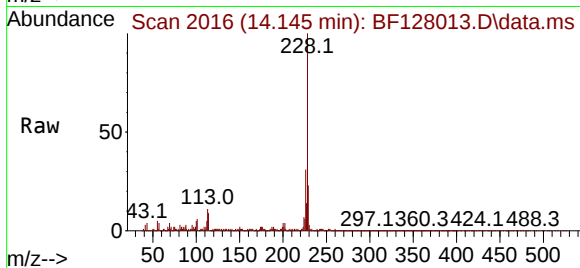
Tgt Ion:228 Resp: 477785

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 23.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.237 ng

RT: 14.080 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF128013.D

Acq: 29 Apr 2022 23:54

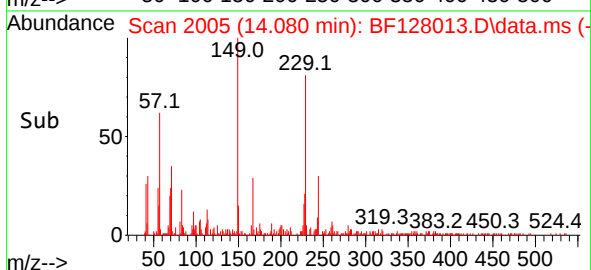
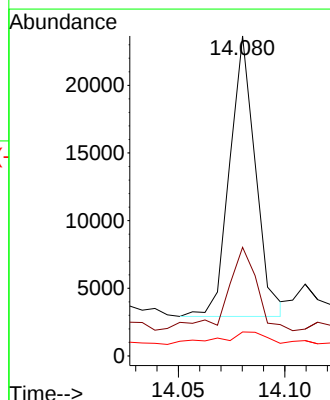
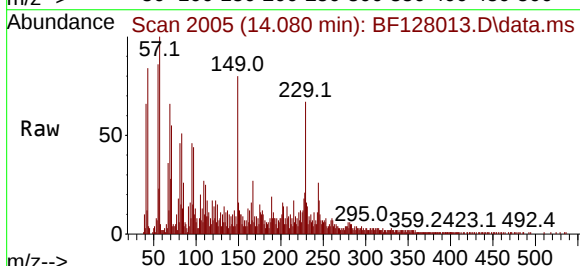
Tgt Ion:149 Resp: 17463

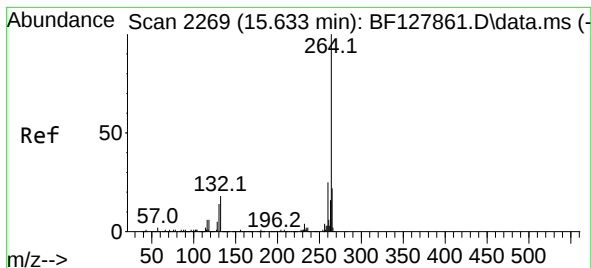
Ion Ratio Lower Upper

149 100

167 33.9 22.0 33.0#

279 7.5 3.4 5.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF128013.D

Acq: 29 Apr 2022 23:54

Instrument :

BNA_F

ClientSampleId :

HR-03-042822

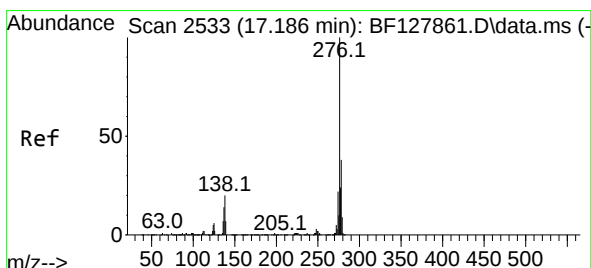
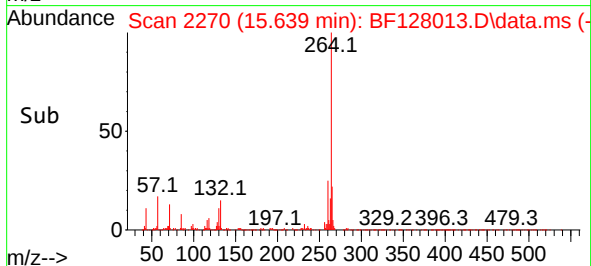
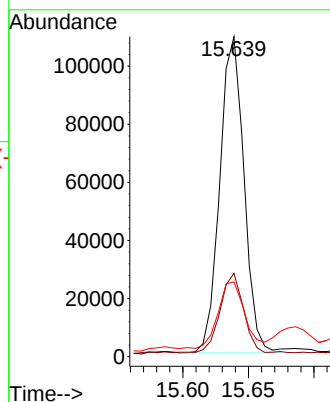
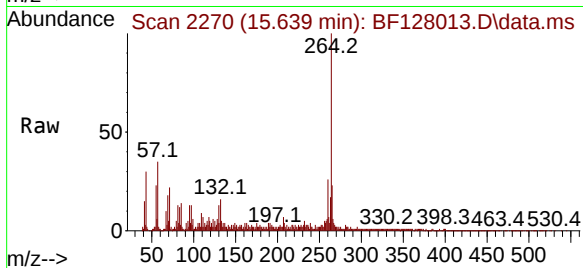
Tgt Ion:264 Resp: 139530

Ion Ratio Lower Upper

264 100

260 26.0 20.1 30.1

265 23.4 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.385 ng

RT: 17.015 min Scan# 2504

Delta R.T. -0.153 min

Lab File: BF128013.D

Acq: 29 Apr 2022 23:54

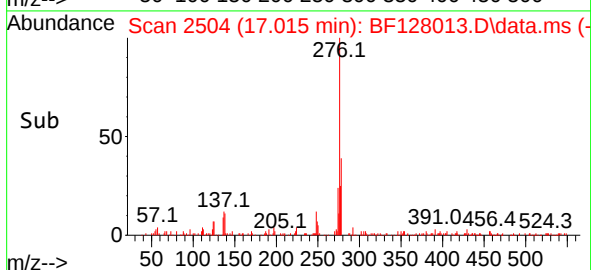
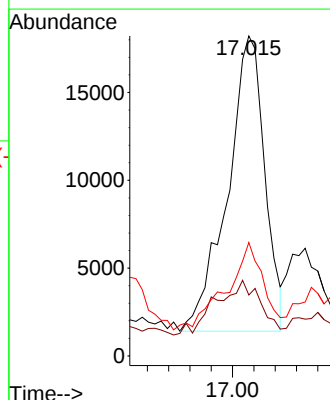
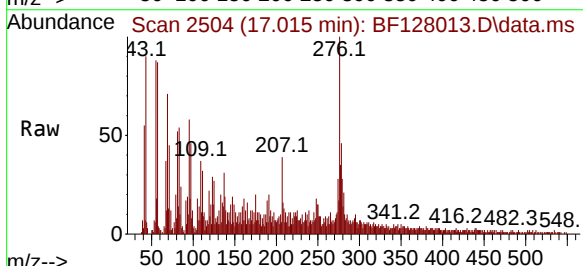
Tgt Ion:276 Resp: 40836

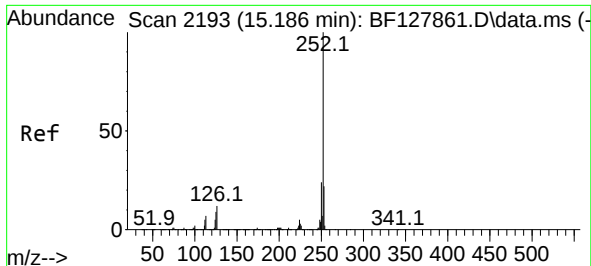
Ion Ratio Lower Upper

276 100

138 22.0 19.0 28.4

277 29.2 20.1 30.1

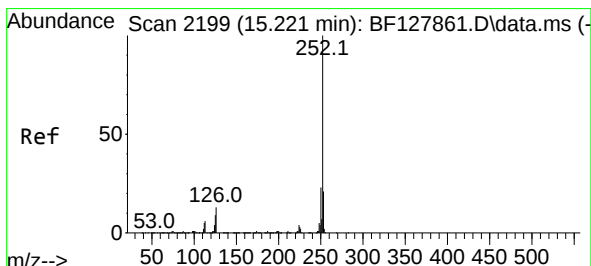
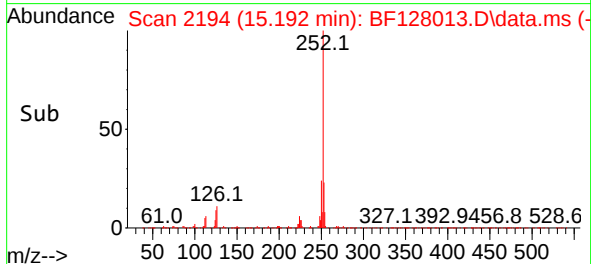
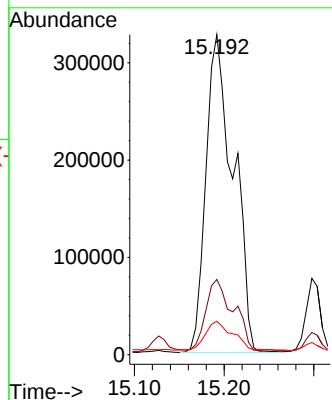
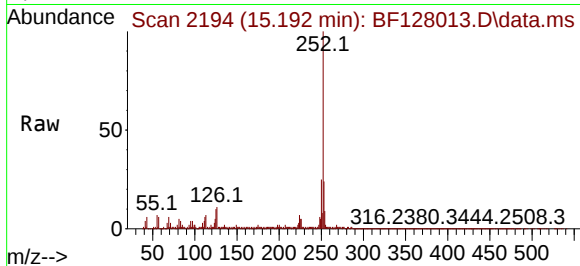




#88
Benzo(b)fluoranthene
Concen: 79.037 ng
RT: 15.192 min Scan# 2194
Delta R.T. 0.018 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

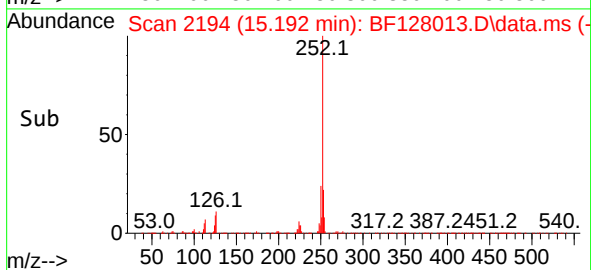
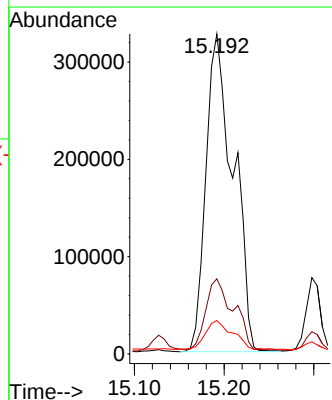
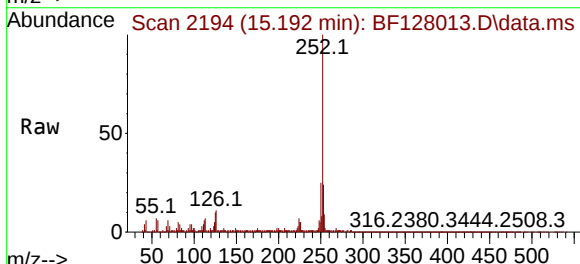
Instrument :
BNA_F
ClientSampleId :
HR-03-042822

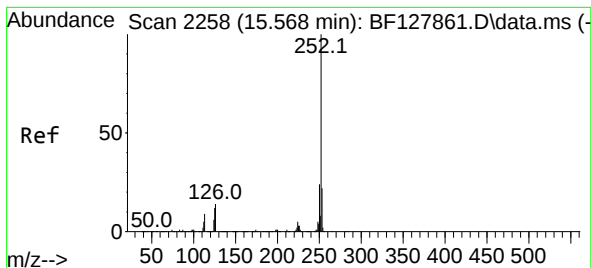
Tgt Ion:252 Resp: 692662
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 10.5 7.4 11.2



#89
Benzo(k)fluoranthene
Concen: 78.451 ng
RT: 15.192 min Scan# 2194
Delta R.T. -0.018 min
Lab File: BF128013.D
Acq: 29 Apr 2022 23:54

Tgt Ion:252 Resp: 692662
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 10.5 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 53.827 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF128013.D

Acq: 29 Apr 2022 23:54

Instrument :

BNA_F

ClientSampleId :

HR-03-042822

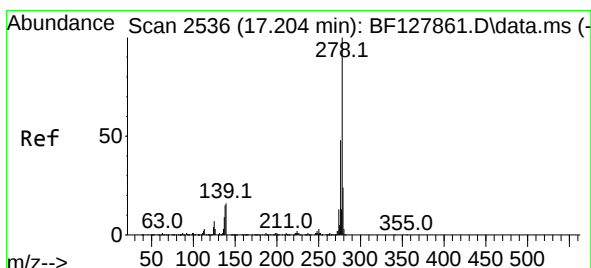
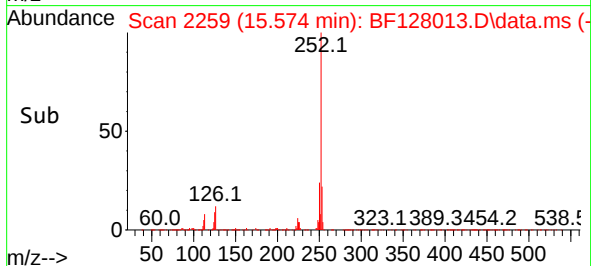
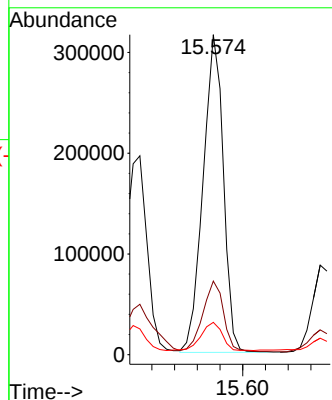
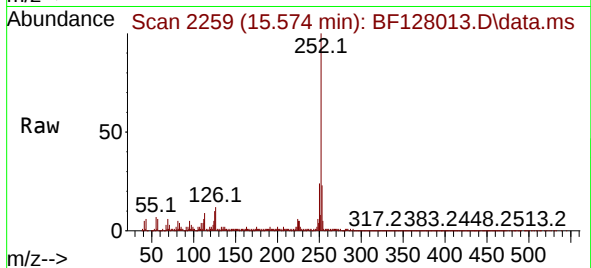
Tgt Ion:252 Resp: 391288

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 10.1 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 7.334 ng

RT: 17.192 min Scan# 2534

Delta R.T. 0.006 min

Lab File: BF128013.D

Acq: 29 Apr 2022 23:54

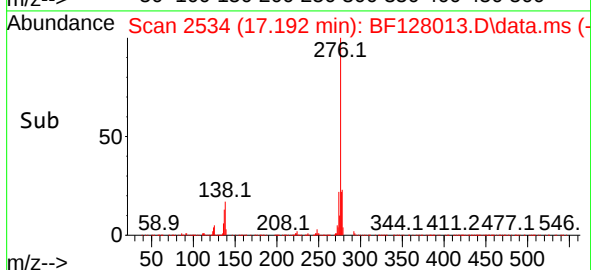
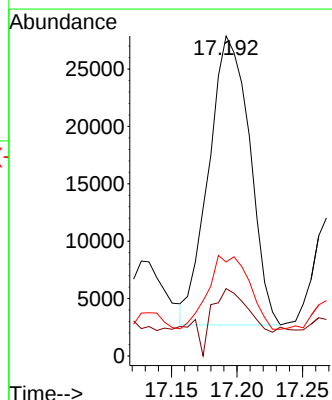
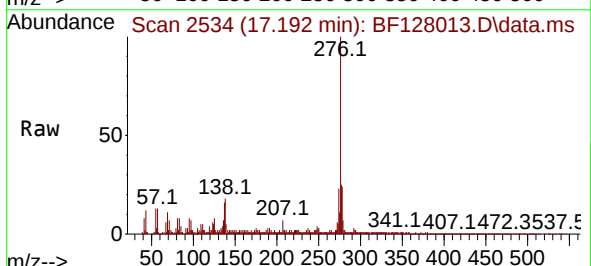
Tgt Ion:278 Resp: 54777

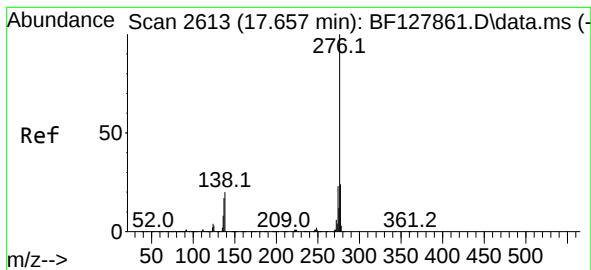
Ion Ratio Lower Upper

278 100

139 21.1 12.6 19.0#

279 29.4 18.9 28.3#





#92

Benzo(g,h,i)perylene

Concen: 28.559 ng

RT: 17.662 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF128013.D

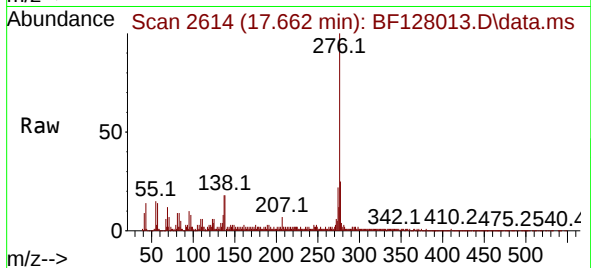
Acq: 29 Apr 2022 23:54

Instrument :

BNA_F

ClientSampleId :

HR-03-042822



Tgt Ion:276 Resp: 224805

Ion Ratio Lower Upper

276 100

277 25.2 18.8 28.2

138 18.4 16.2 24.2

