

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127268.D
 Acq On : 08 Mar 2022 19:57
 Operator : CG\JU
 Sample : N1829-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030722

Quant Time: Mar 09 01:20:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

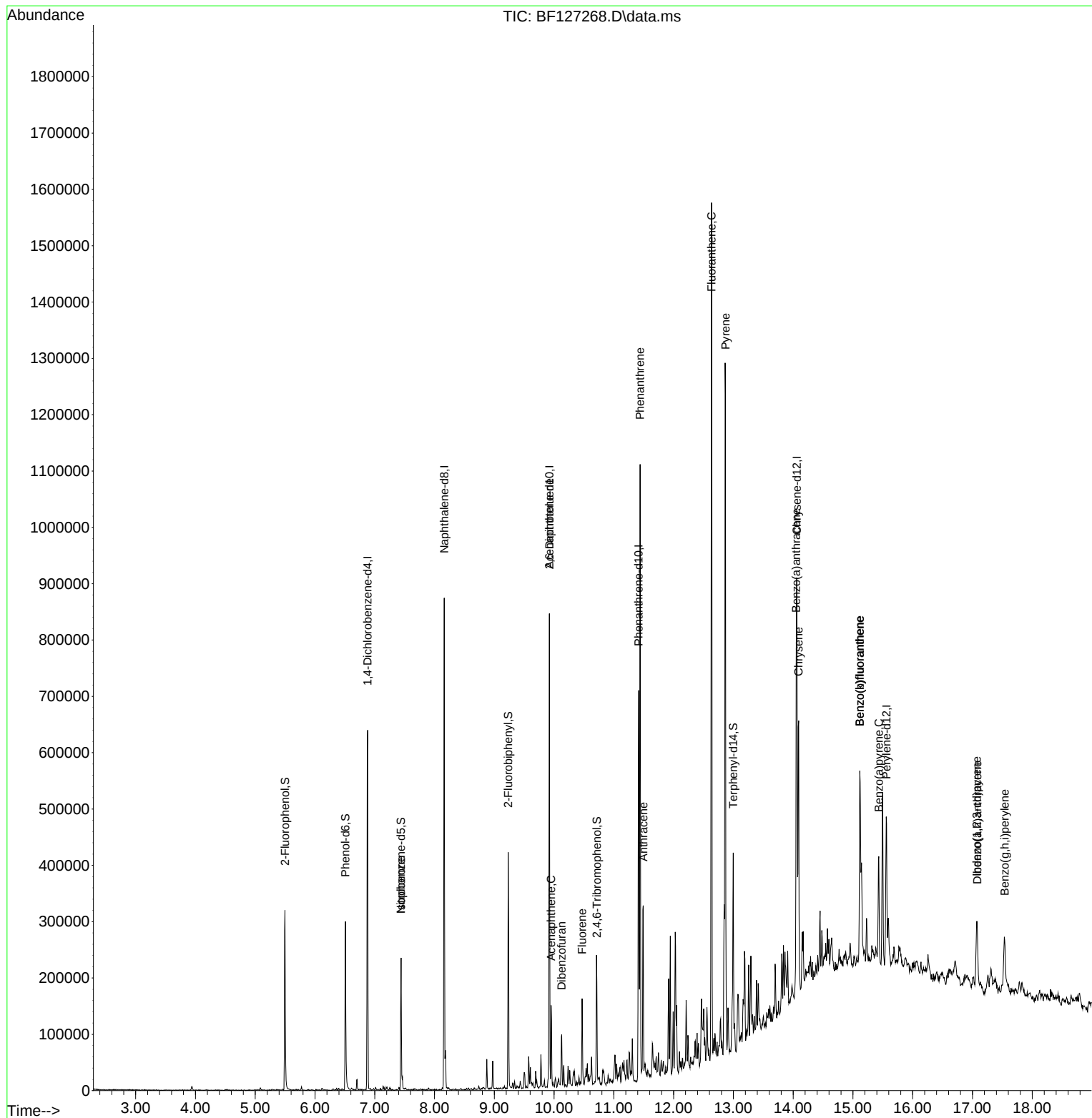
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	90694	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	323413	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	145124	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	225775	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	146555	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	109563	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	86068	14.667	ng	0.00
7) Phenol-d6	6.510	99	99787	12.603	ng	0.00
23) Nitrobenzene-d5	7.439	82	65085	9.084	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	20741	12.413	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	109573	11.115	ng	0.00
79) Terphenyl-d14	12.998	244	102248	10.256	ng	0.00
Target Compounds						
25) Isophorone	7.439	82	65084	5.489	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	19232	9.113	ng	# 22
52) Acenaphthene	9.951	154	26757	2.971	ng	98
55) Dibenzofuran	10.127	168	28031	2.263	ng	92
58) Fluorene	10.469	166	36576	3.791	ng	98
71) Phenanthrene	11.439	178	351501	27.815	ng	99
72) Anthracene	11.492	178	115751	9.201	ng	98
75) Fluoranthene	12.633	202	559290	46.612	ng	95
78) Pyrene	12.868	202	505954	39.737	ng	99
81) Benzo(a)anthracene	14.051	228	227820	23.058	ng	98
83) Chrysene	14.092	228	192970	20.769	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	79744	11.100	ng	# 82
88) Benzo(b)fluoranthene	15.115	252	264385	35.928	ng	# 94
89) Benzo(k)fluoranthene	15.115	252	264385	37.250	ng	# 94
90) Benzo(a)pyrene	15.433	252	89668	15.600	ng	96
91) Dibenzo(a,h)anthracene	17.080	278	19813	3.335	ng	# 87
92) Benzo(g,h,i)perylene	17.539	276	75627	12.911	ng	# 82

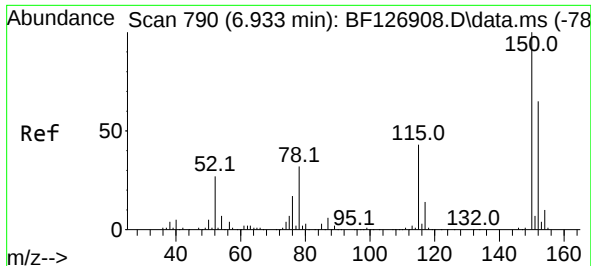
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
Data File : BF127268.D
Acq On : 08 Mar 2022 19:57
Operator : CG\JU
Sample : N1829-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-030722

Quant Time: Mar 09 01:20:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 02:16:58 2022
Response via : Initial Calibration

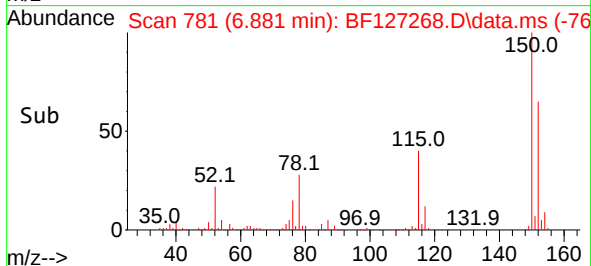
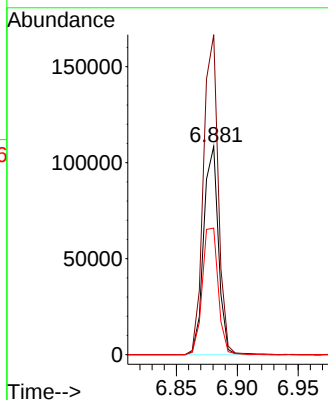
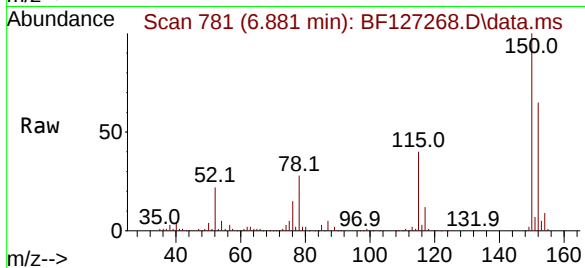




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

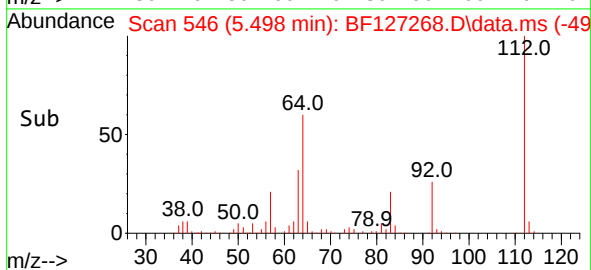
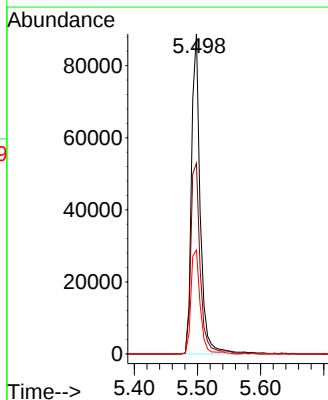
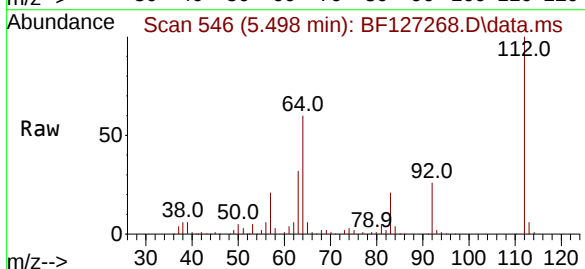
Instrument :
BNA_F
ClientSampleId :
SU-04-030722

Tgt Ion:152 Resp: 90694
Ion Ratio Lower Upper
152 100
150 153.6 128.1 192.1
115 60.8 56.7 85.1



#5
2-Fluorophenol
Concen: 14.667 ng
RT: 5.498 min Scan# 546
Delta R.T. -0.000 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

Tgt Ion:112 Resp: 86068
Ion Ratio Lower Upper
112 100
64 59.6 49.5 74.3
63 32.4 23.9 35.9

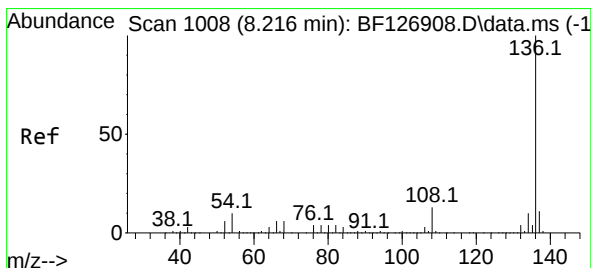
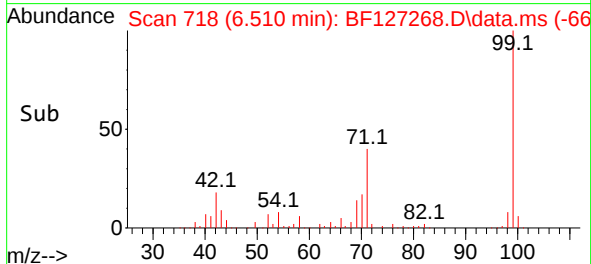
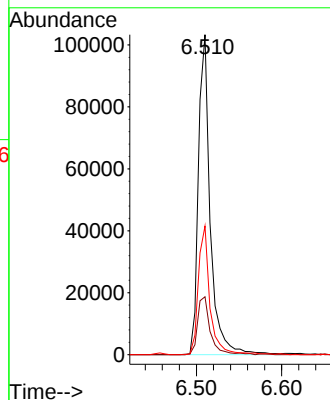
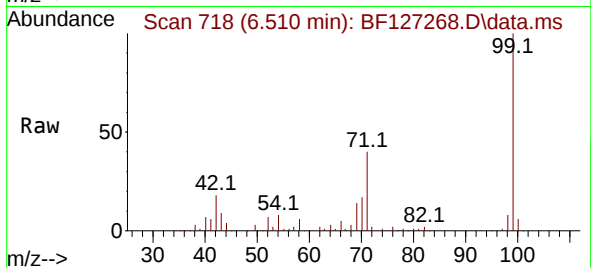




#7
Phenol-d6
Concen: 12.603 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

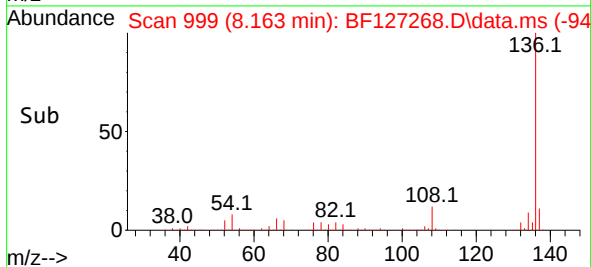
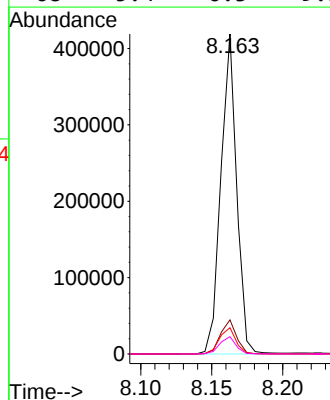
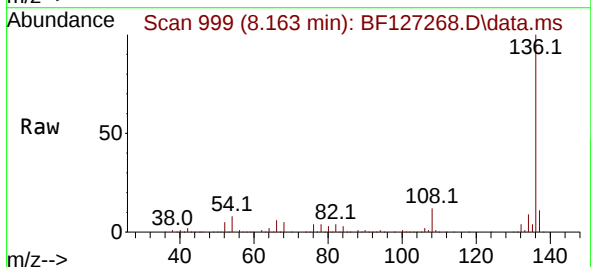
Instrument :
BNA_F
ClientSampleId :
SU-04-030722

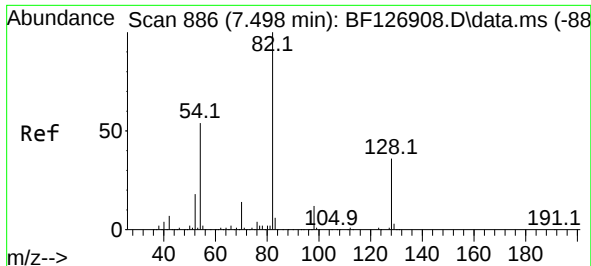
Tgt Ion: 99 Resp: 99787
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 40.2 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

Tgt Ion: 136 Resp: 323413
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.2 7.8 11.6
68 5.4 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 9.084 ng

RT: 7.439 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

Instrument :

BNA_F

ClientSampleId :

SU-04-030722

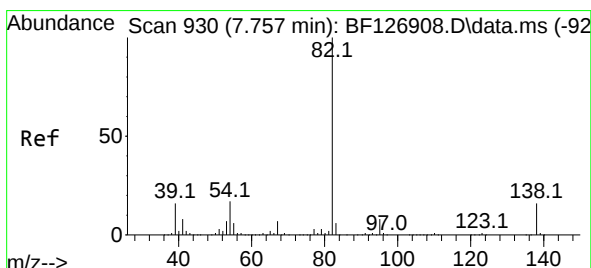
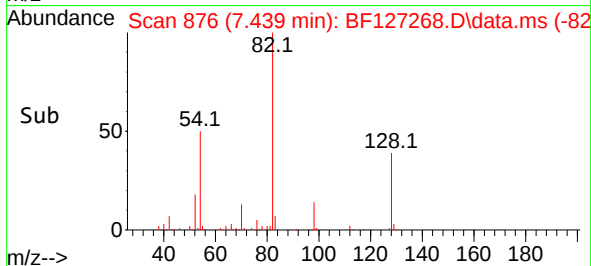
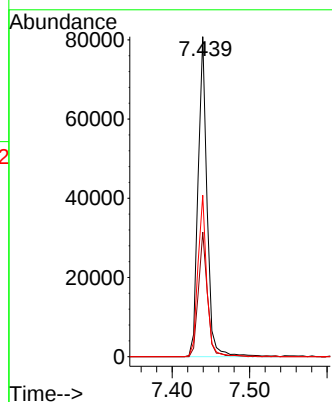
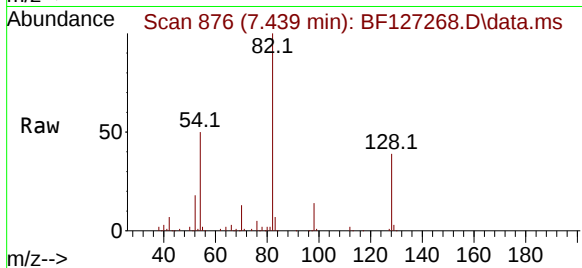
Tgt Ion: 82 Resp: 65085

Ion Ratio Lower Upper

82 100

128 38.9 32.7 49.1

54 50.4 41.7 62.5



#25

Isophorone

Concen: 5.489 ng

RT: 7.439 min Scan# 876

Delta R.T. -0.265 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

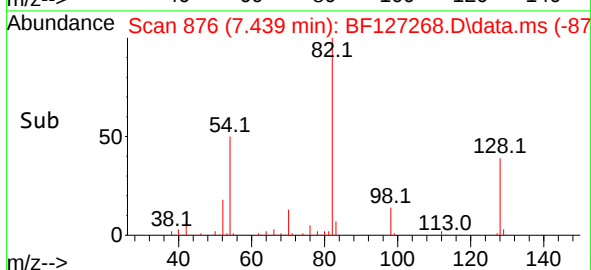
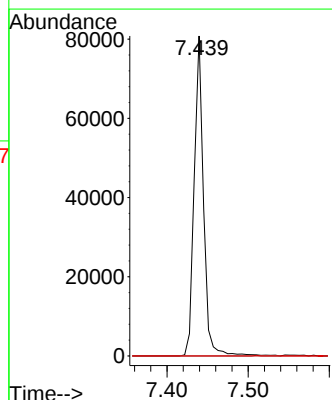
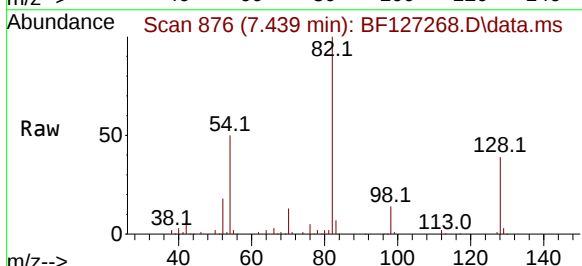
Tgt Ion: 82 Resp: 65084

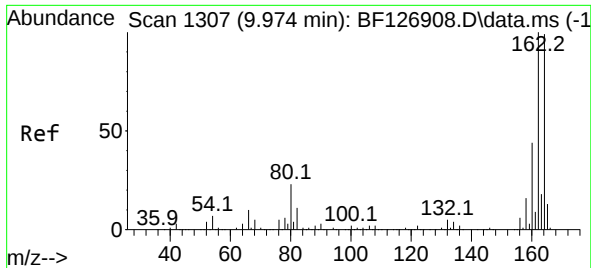
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

Instrument :

BNA_F

ClientSampleId :

SU-04-030722

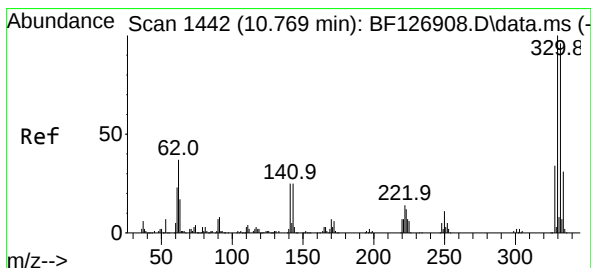
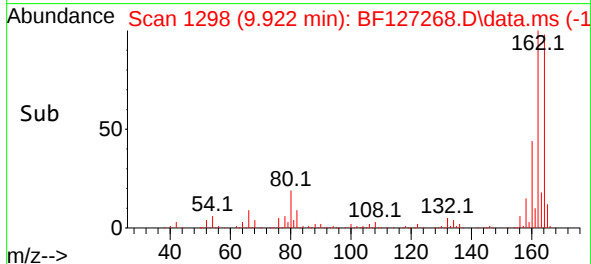
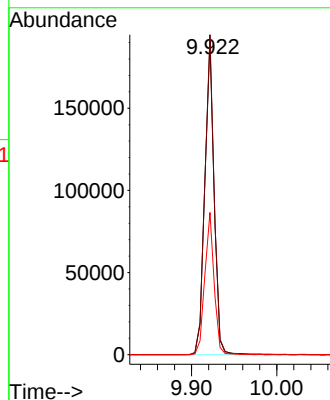
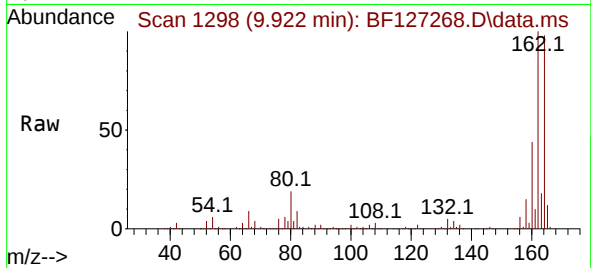
Tgt Ion:164 Resp: 145124

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

160 45.3 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 12.413 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

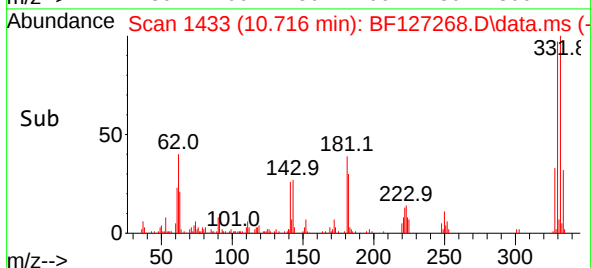
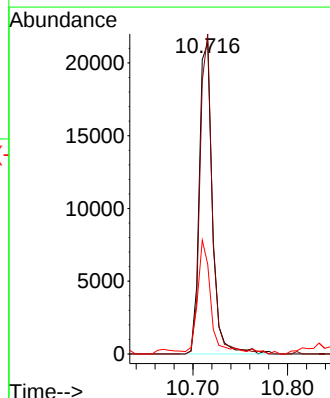
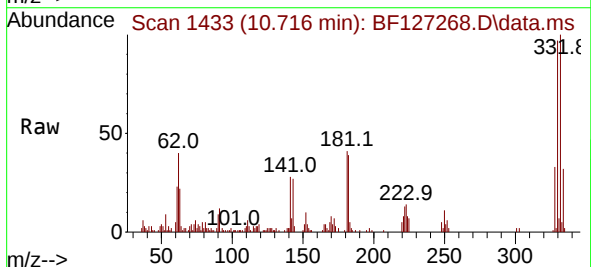
Tgt Ion:330 Resp: 20741

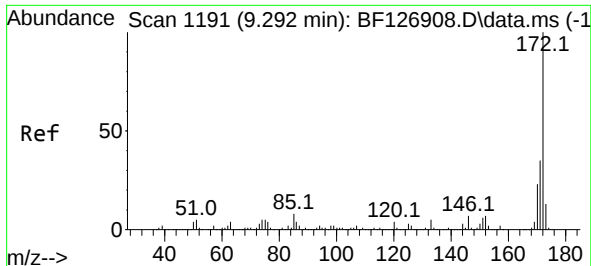
Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 34.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 11.115 ng

RT: 9.233 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

Instrument :

BNA_F

ClientSampleId :

SU-04-030722

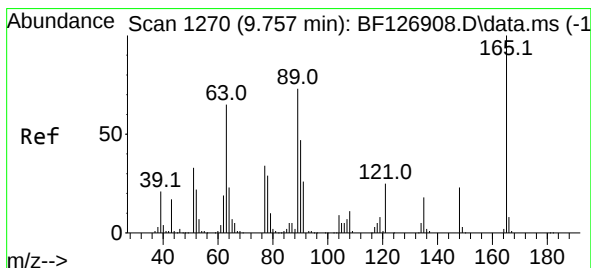
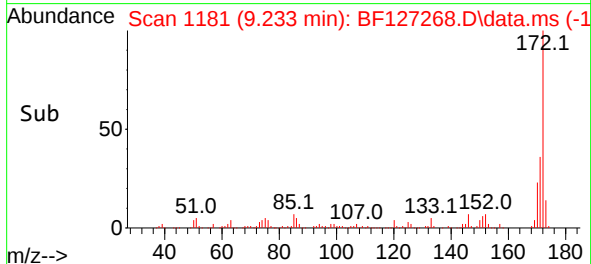
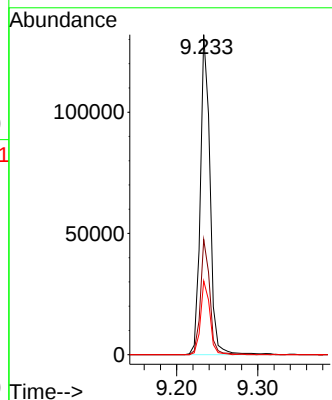
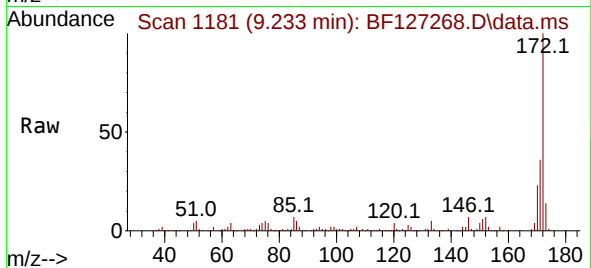
Tgt Ion:172 Resp: 109573

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.113 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.212 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

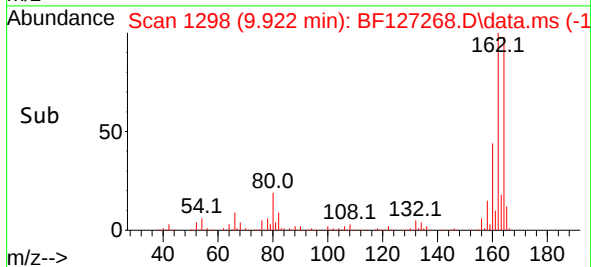
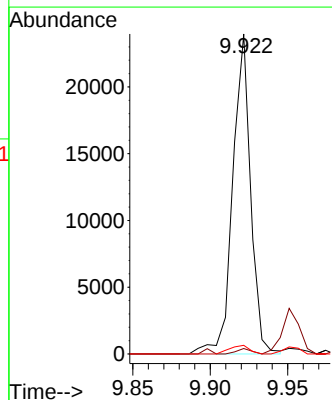
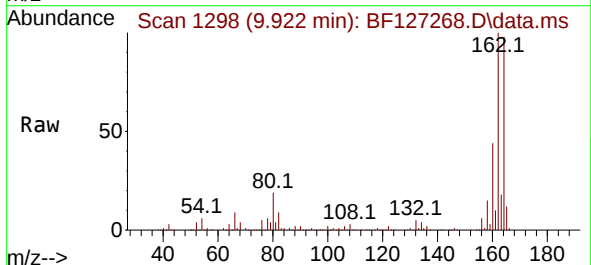
Tgt Ion:165 Resp: 19232

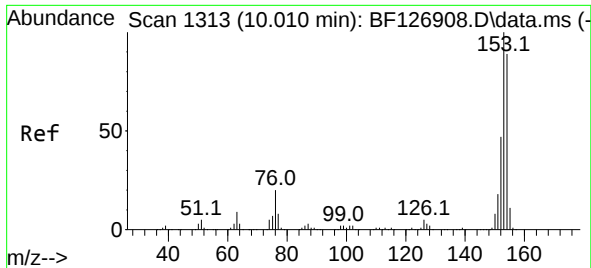
Ion Ratio Lower Upper

165 100

63 1.7 48.4 72.6#

89 2.7 50.5 75.7#

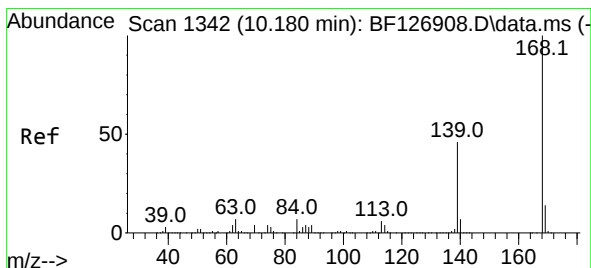
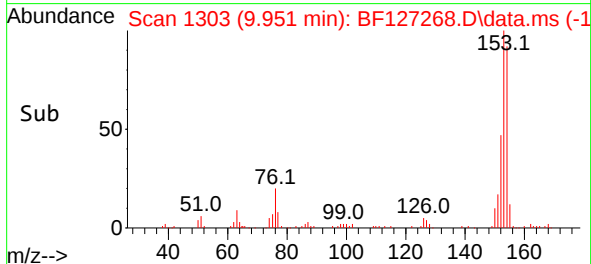
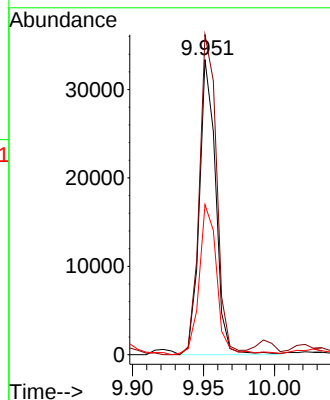
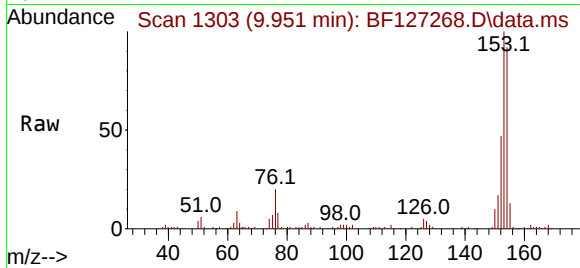




#52
Acenaphthene
Concen: 2.971 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

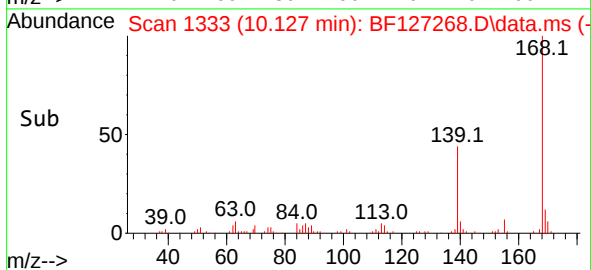
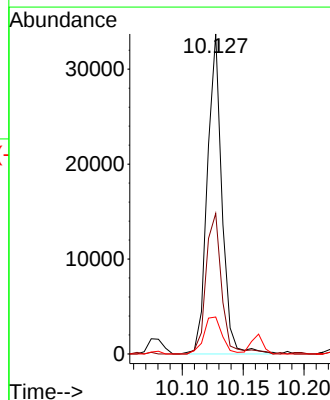
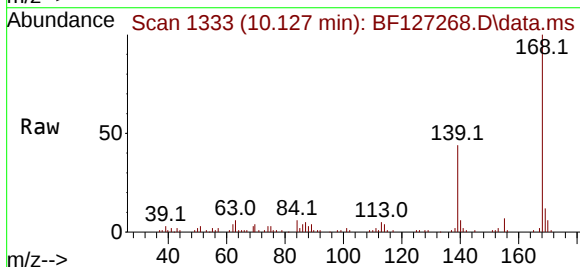
Instrument :
BNA_F
ClientSampleId :
SU-04-030722

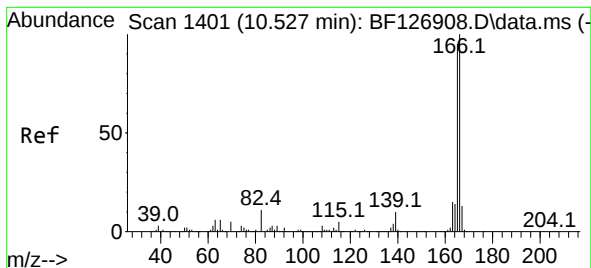
Tgt Ion:154 Resp: 26757
Ion Ratio Lower Upper
154 100
153 108.5 87.8 131.6
152 50.9 39.4 59.2



#55
Dibenzofuran
Concen: 2.263 ng
RT: 10.127 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

Tgt Ion:168 Resp: 28031
Ion Ratio Lower Upper
168 100
139 43.9 30.6 46.0
169 11.6 10.0 15.0





#58

Fluorene

Concen: 3.791 ng

RT: 10.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

Instrument :

BNA_F

ClientSampleId :

SU-04-030722

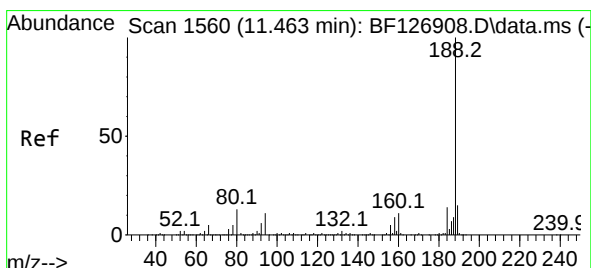
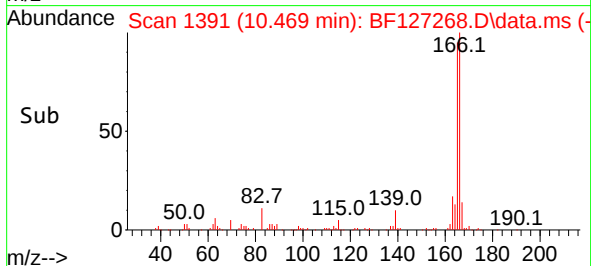
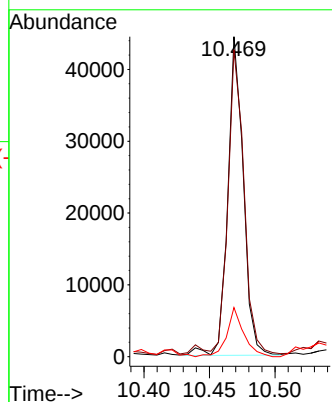
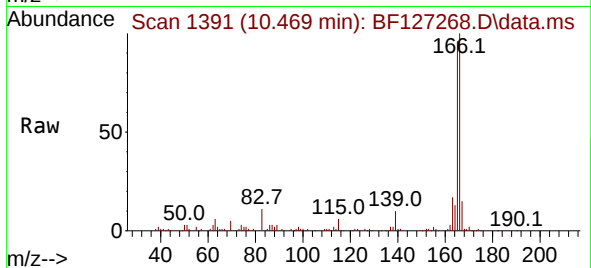
Tgt Ion:166 Resp: 36576

Ion Ratio Lower Upper

166 100

165 95.9 77.7 116.5

167 15.4 10.7 16.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

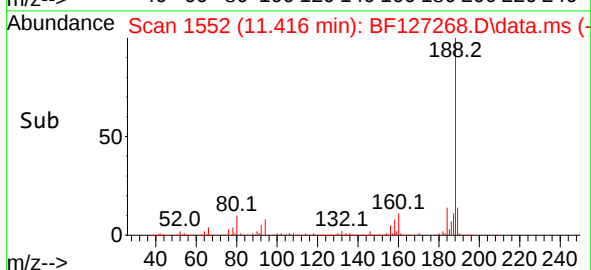
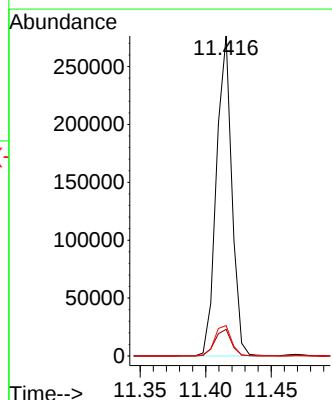
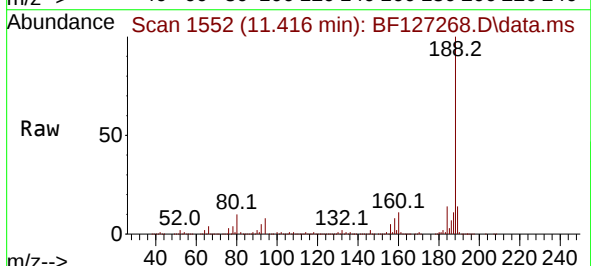
Tgt Ion:188 Resp: 225775

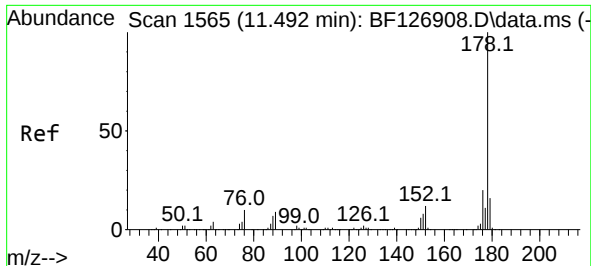
Ion Ratio Lower Upper

188 100

94 8.3 10.1 15.1#

80 9.5 11.8 17.6#

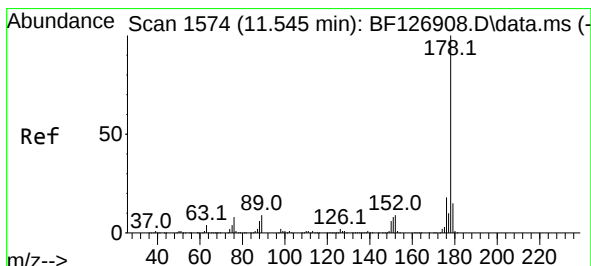
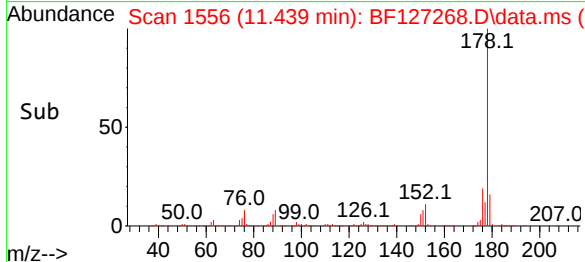
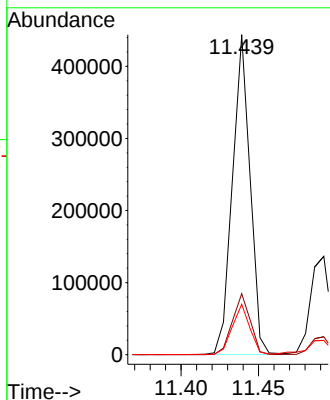
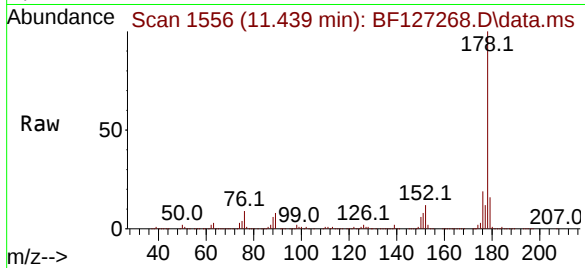




#71
Phenanthrene
Concen: 27.815 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

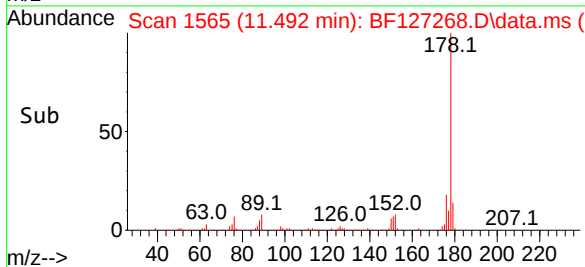
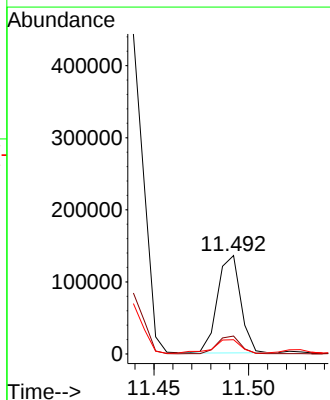
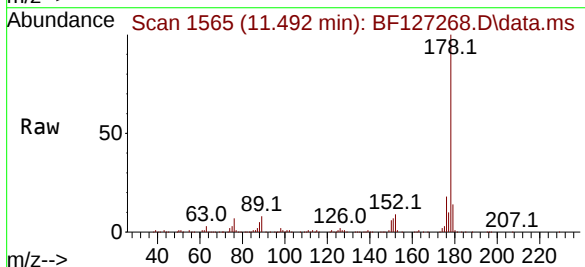
Instrument :
BNA_F
ClientSampleId :
SU-04-030722

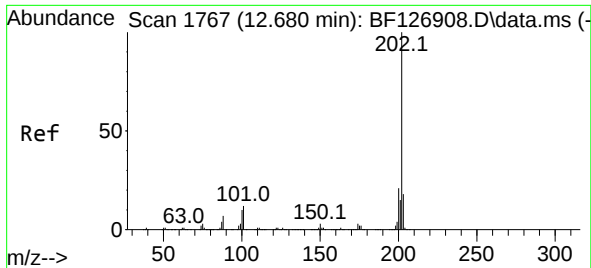
Tgt Ion:178 Resp: 351501
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.7 12.3 18.5



#72
Anthracene
Concen: 9.201 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

Tgt Ion:178 Resp: 115751
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 14.5 12.5 18.7

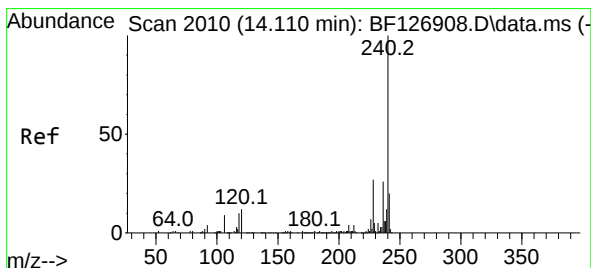
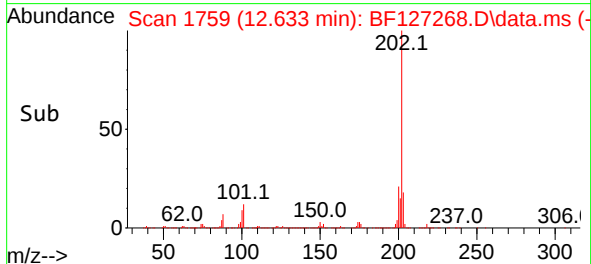
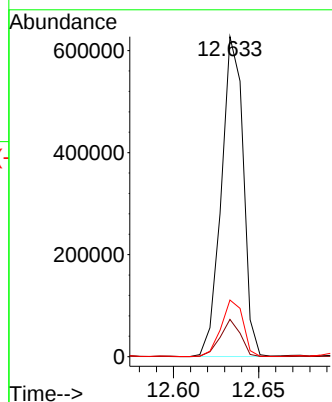
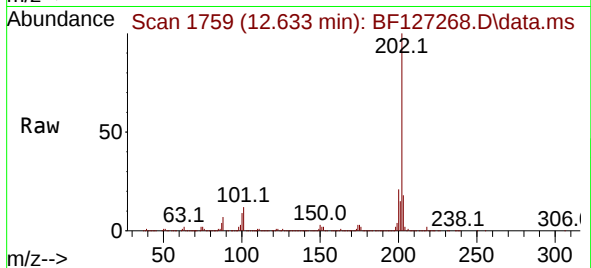




#75
Fluoranthene
Concen: 46.612 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

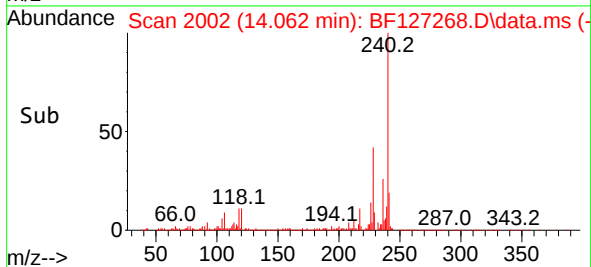
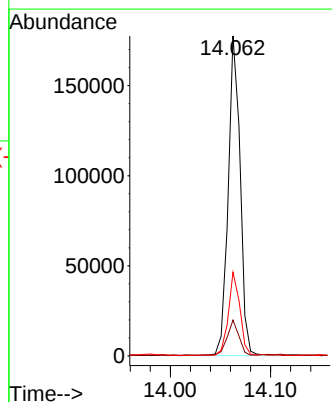
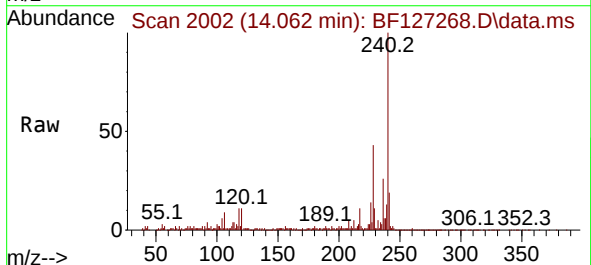
Instrument :
BNA_F
ClientSampleId :
SU-04-030722

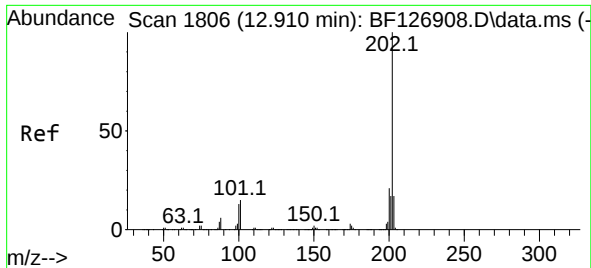
Tgt Ion:202 Resp: 559290
Ion Ratio Lower Upper
202 100
101 11.7 0.0 35.7
203 17.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

Tgt Ion:240 Resp: 146555
Ion Ratio Lower Upper
240 100
120 11.2 14.4 21.6#
236 26.2 20.5 30.7

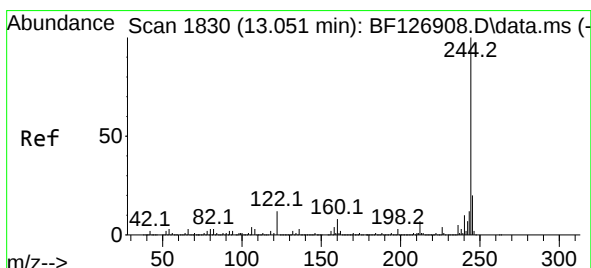
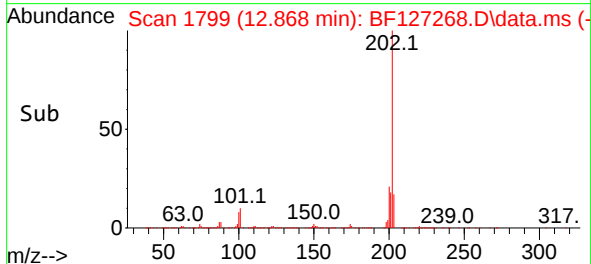
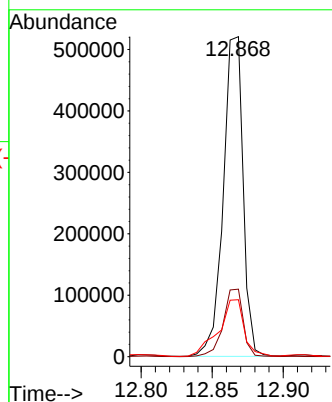
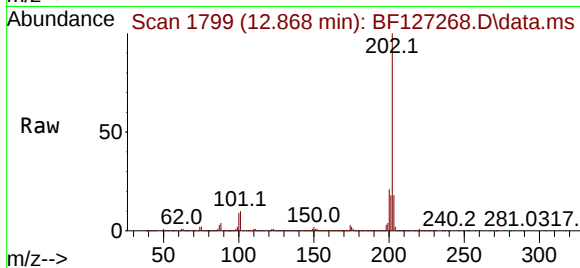




#78
Pyrene
Concen: 39.737 ng
RT: 12.868 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

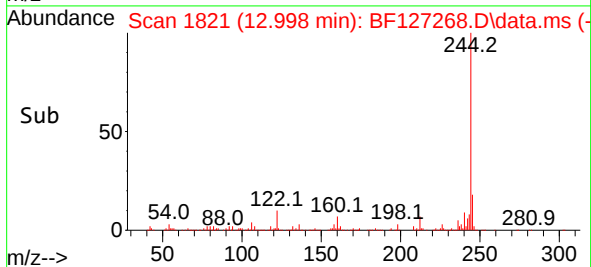
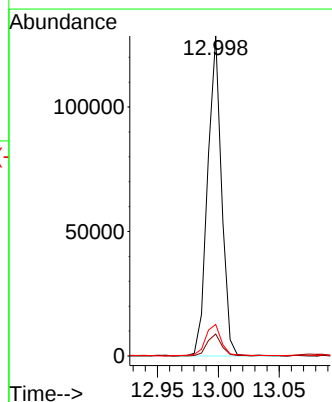
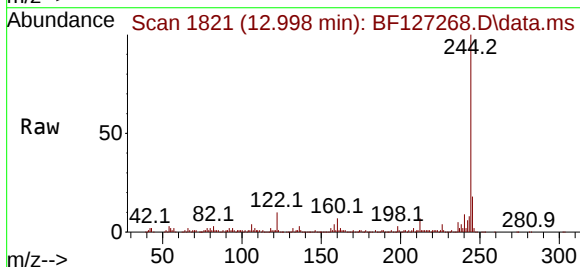
Instrument :
BNA_F
ClientSampleId :
SU-04-030722

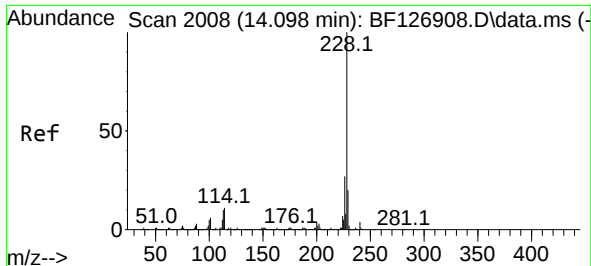
Tgt Ion:202 Resp: 505954
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.8 13.8 20.8



#79
Terphenyl-d14
Concen: 10.256 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

Tgt Ion:244 Resp: 102248
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 9.8 13.3 19.9#

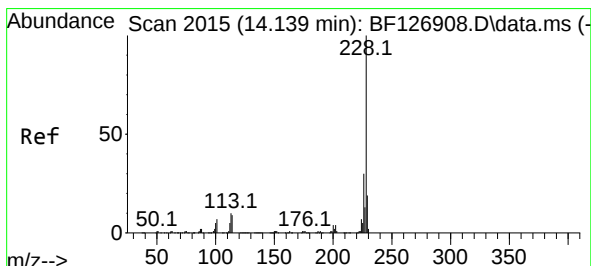
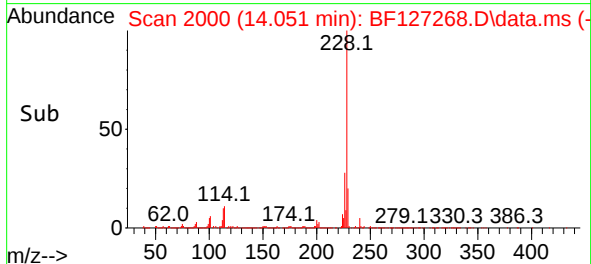
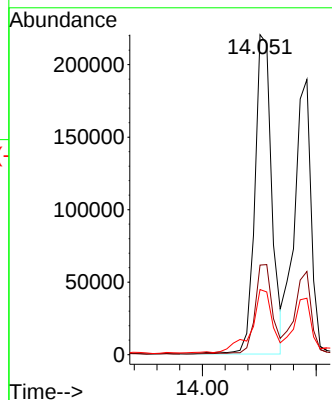
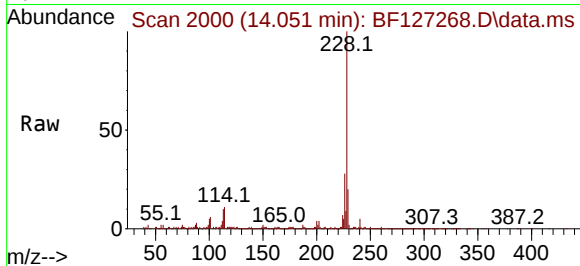




#81
Benzo(a)anthracene
Concen: 23.058 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

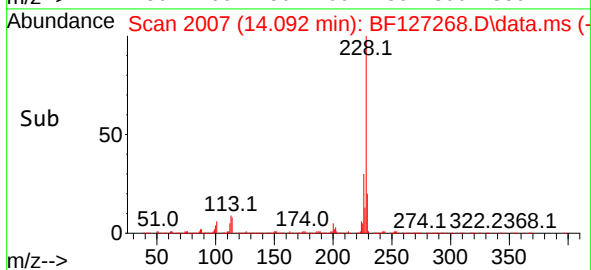
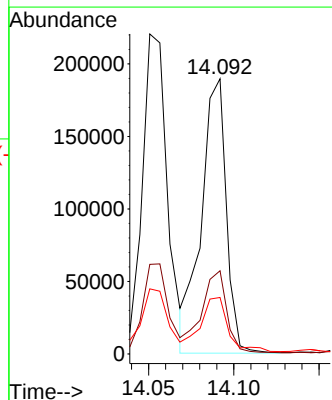
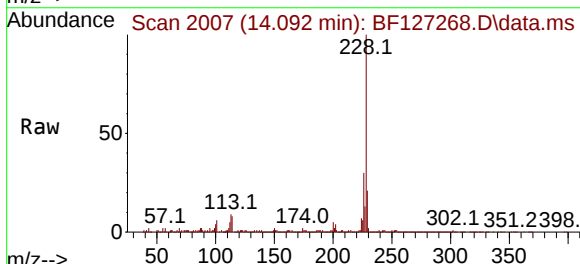
Instrument :
BNA_F
ClientSampleId :
SU-04-030722

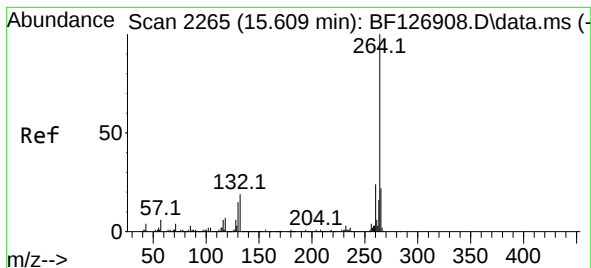
Tgt Ion:228 Resp: 227820
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 20.4 15.4 23.2



#83
Chrysene
Concen: 20.769 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

Tgt Ion:228 Resp: 192970
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 20.5 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

Instrument :

BNA_F

ClientSampleId :

SU-04-030722

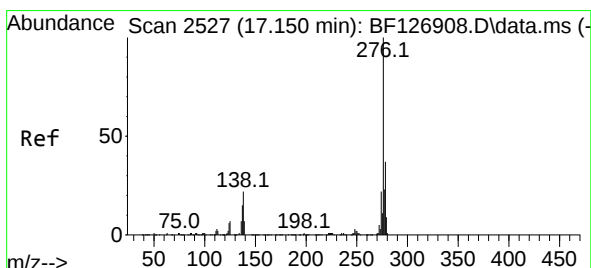
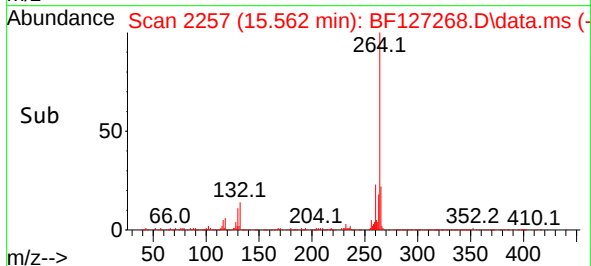
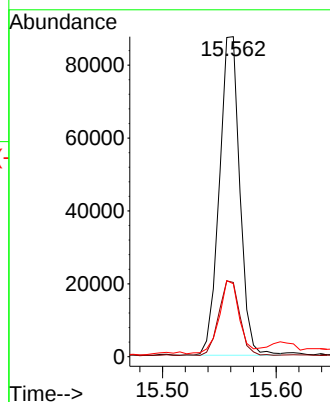
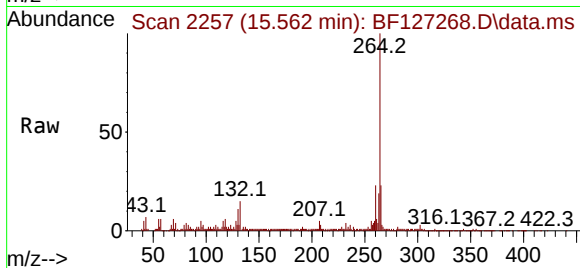
Tgt Ion:264 Resp: 109563

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.8 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 11.100 ng

RT: 17.074 min Scan# 2514

Delta R.T. 0.017 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

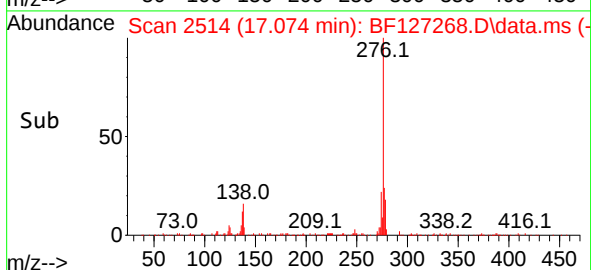
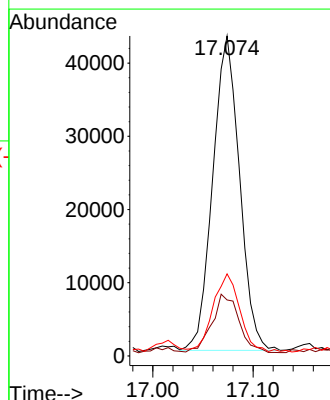
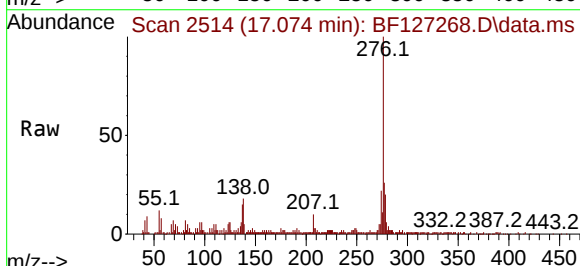
Tgt Ion:276 Resp: 79744

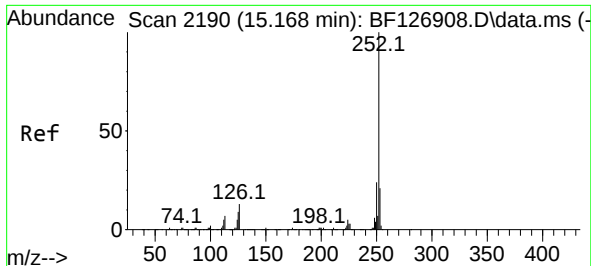
Ion Ratio Lower Upper

276 100

138 18.8 29.2 43.8#

277 25.1 19.8 29.8

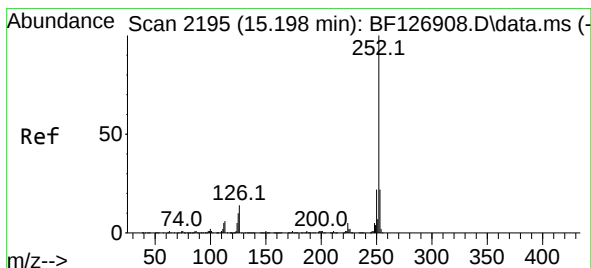
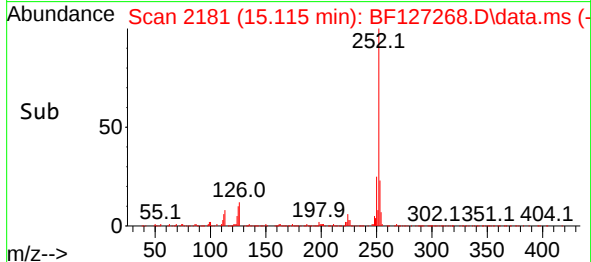
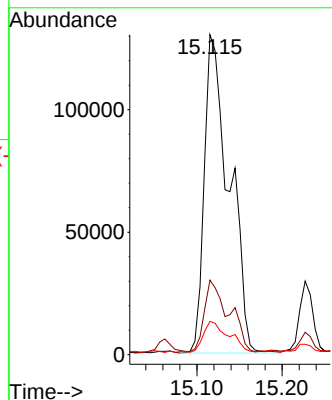
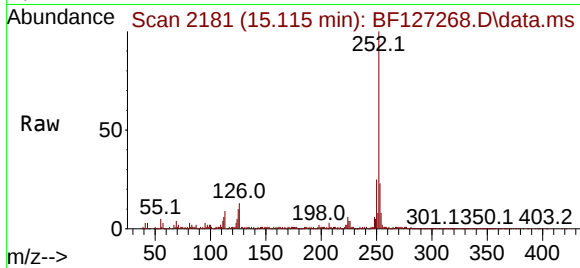




#88
Benzo(b)fluoranthene
Concen: 35.928 ng
RT: 15.115 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

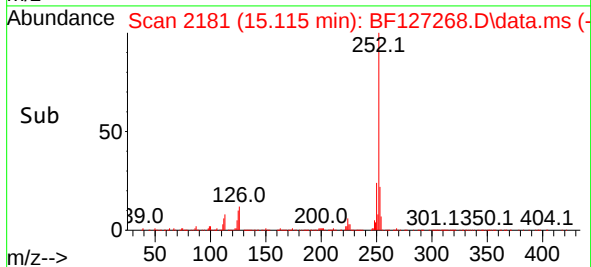
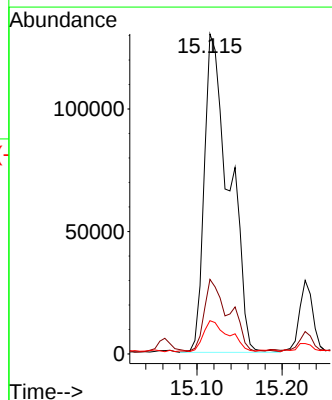
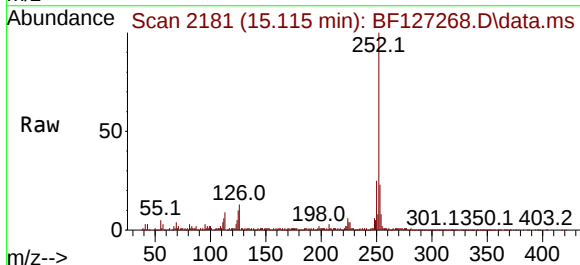
Instrument :
BNA_F
ClientSampleId :
SU-04-030722

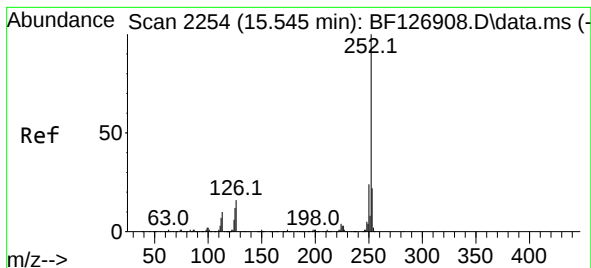
Tgt Ion:252 Resp: 264385
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 10.4 12.4 18.6#



#89
Benzo(k)fluoranthene
Concen: 37.250 ng
RT: 15.115 min Scan# 2181
Delta R.T. -0.024 min
Lab File: BF127268.D
Acq: 08 Mar 2022 19:57

Tgt Ion:252 Resp: 264385
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 10.4 11.8 17.6#





#90

Benzo(a)pyrene

Concen: 15.600 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.053 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

Instrument :

BNA_F

ClientSampleId :

SU-04-030722

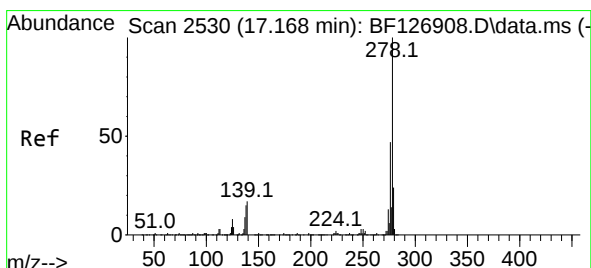
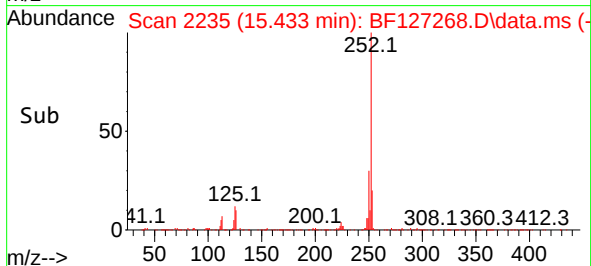
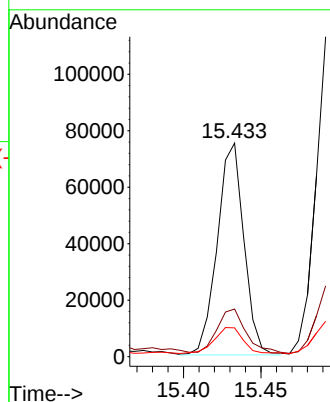
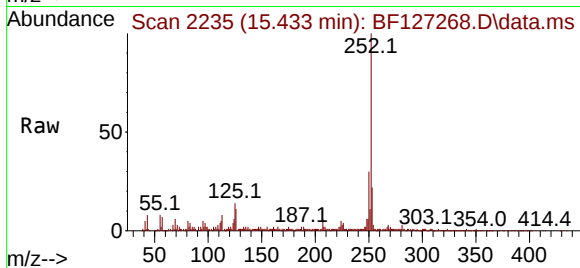
Tgt Ion:252 Resp: 89668

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 13.5 13.0 19.6



#91

Dibenzo(a,h)anthracene

Concen: 3.335 ng

RT: 17.080 min Scan# 2515

Delta R.T. 0.006 min

Lab File: BF127268.D

Acq: 08 Mar 2022 19:57

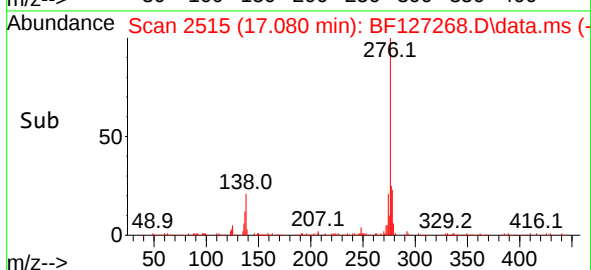
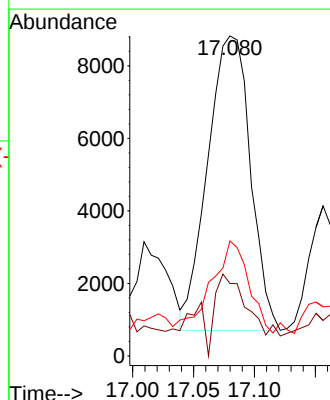
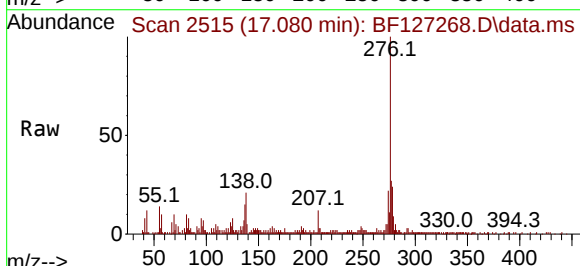
Tgt Ion:278 Resp: 19813

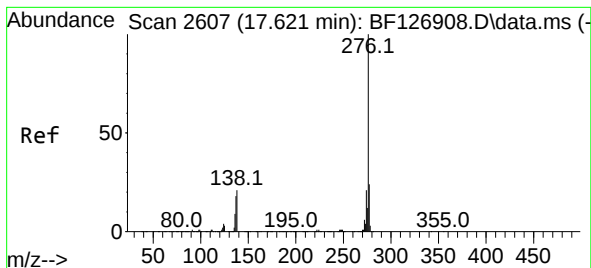
Ion Ratio Lower Upper

278 100

139 22.6 18.0 27.0

279 36.0 18.6 27.8#





#92

Benzo(g,h,i)perylene

Concen: 12.911 ng

RT: 17.539 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF127268.D

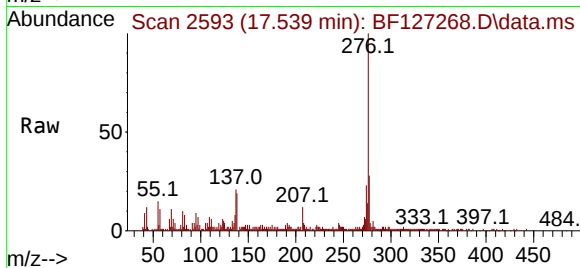
Acq: 08 Mar 2022 19:57

Instrument :

BNA_F

ClientSampleId :

SU-04-030722



Tgt Ion:276 Resp: 75627

Ion Ratio Lower Upper

276 100

277 27.8 18.5 27.7#

138 18.7 25.9 38.9#

