

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129508.D
 Acq On : 02 Aug 2022 15:15
 Operator : CG\JU
 Sample : N3995-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Aug 02 17:38:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

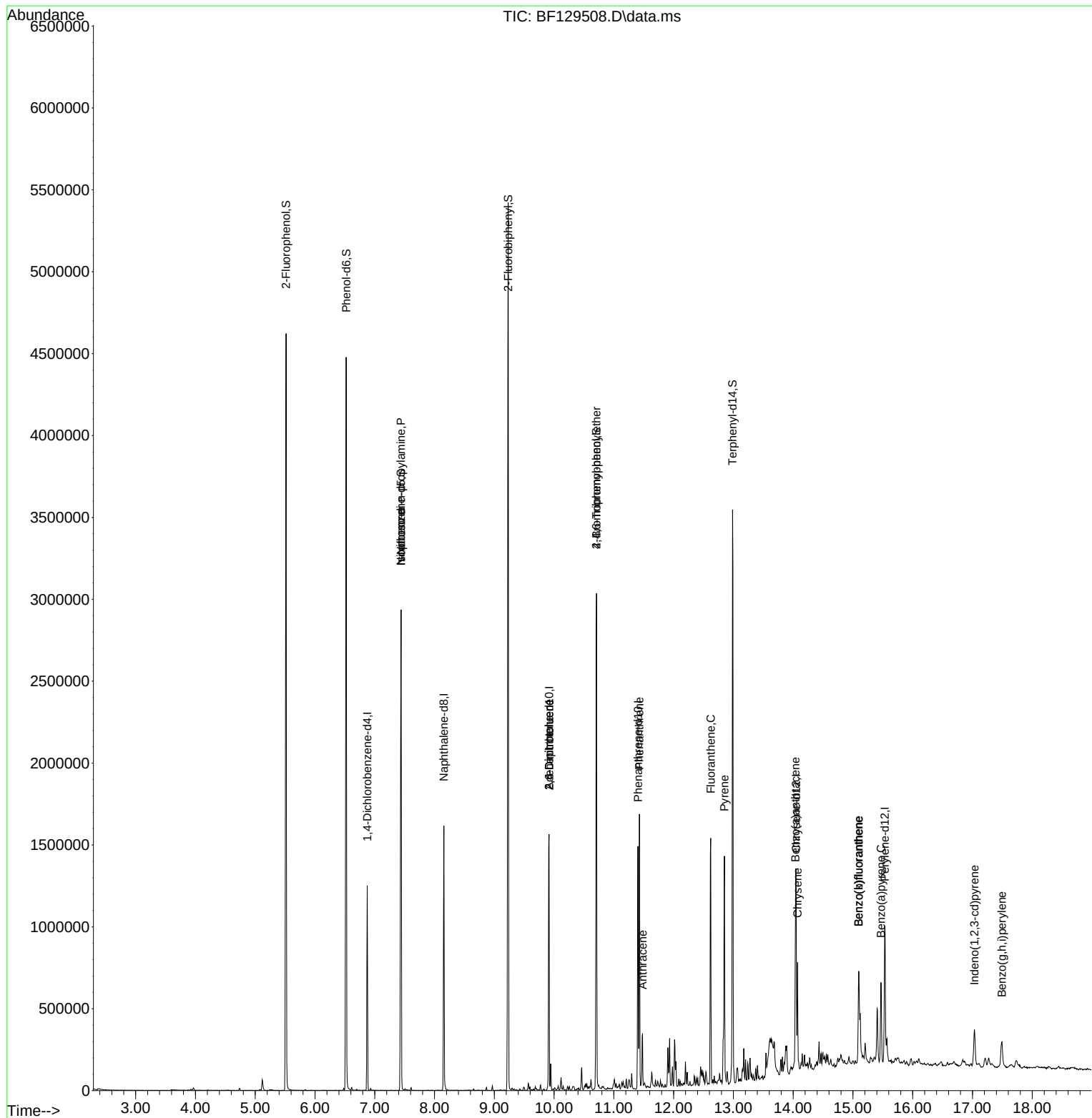
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	165041	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	654163	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	330499	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	490375	20.000	ng	0.00
76) Chrysene-d12	14.051	240	321896	20.000	ng	0.00
86) Perylene-d12	15.533	264	378977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1174902	115.966	ng	0.01
7) Phenol-d6	6.522	99	1479919	116.212	ng	0.00
23) Nitrobenzene-d5	7.440	82	944796	78.841	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	348654	109.726	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1646912	77.086	ng	0.00
79) Terphenyl-d14	12.986	244	1226323	71.873	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	127360	16.520	ng	# 75
25) Isophorone	7.440	82	944789	43.984	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	42811	8.384	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	42811	6.418	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	22253	4.144	ng	# 1
71) Phenanthrene	11.428	178	537216	20.069	ng	99
72) Anthracene	11.480	178	126989	4.827	ng	97
75) Fluoranthene	12.622	202	586294	21.617	ng	99
78) Pyrene	12.851	202	500512	18.594	ng	98
81) Benzo(a)anthracene	14.039	228	254920	11.593	ng	99
83) Chrysene	14.074	228	230933	11.144	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	140633	5.511	ng	95
88) Benzo(b)fluoranthene	15.098	252	403054	16.033	ng	# 96
89) Benzo(k)fluoranthene	15.098	252	403054	16.361	ng	97
90) Benzo(a)pyrene	15.468	252	231446	11.342	ng	97
92) Benzo(g,h,i)perylene	17.492	276	129688	6.110	ng	99

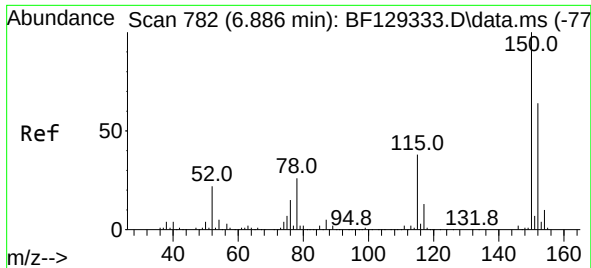
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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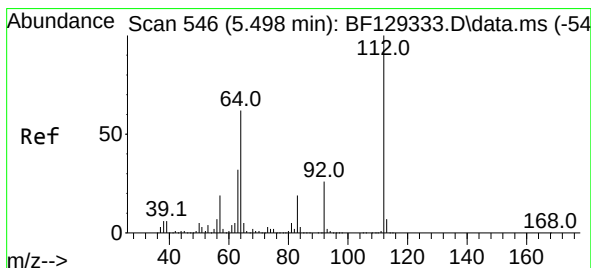
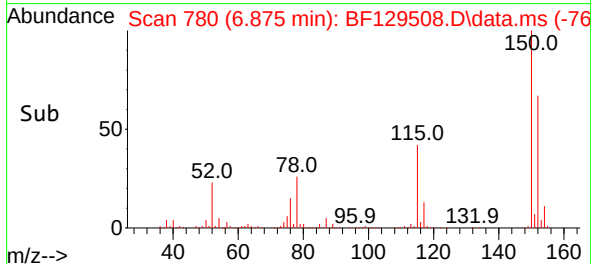
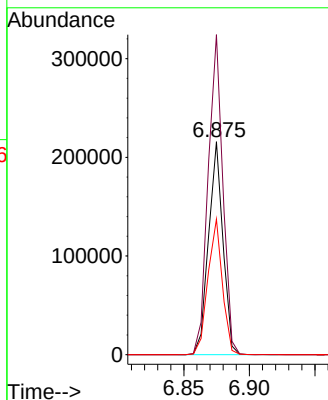
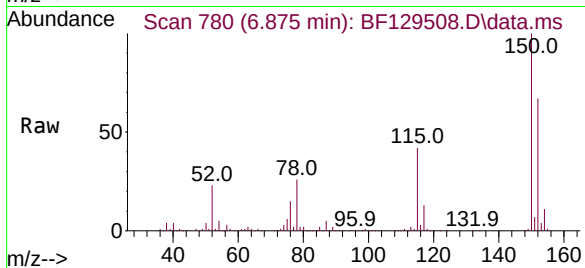




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129508.D
 Acq: 02 Aug 2022 15:15

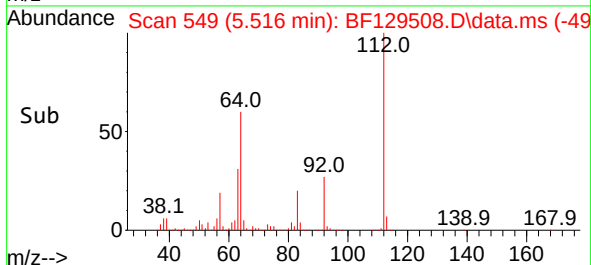
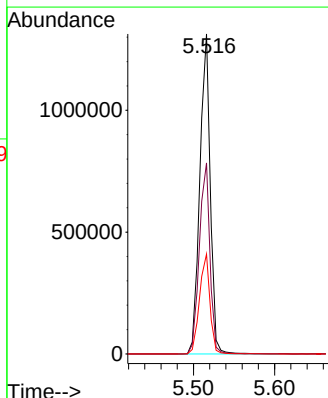
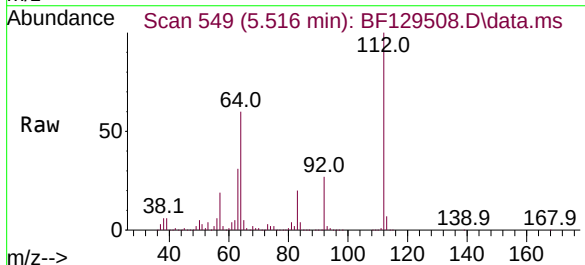
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

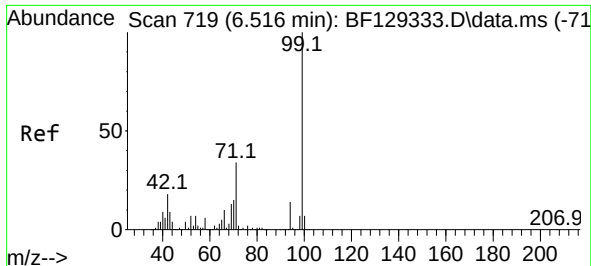
Tgt Ion:152 Resp: 165041
 Ion Ratio Lower Upper
 152 100
 150 150.3 123.7 185.5
 115 63.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 115.966 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: BF129508.D
 Acq: 02 Aug 2022 15:15

Tgt Ion:112 Resp: 1174902
 Ion Ratio Lower Upper
 112 100
 64 59.7 53.3 79.9
 63 31.2 28.0 42.0

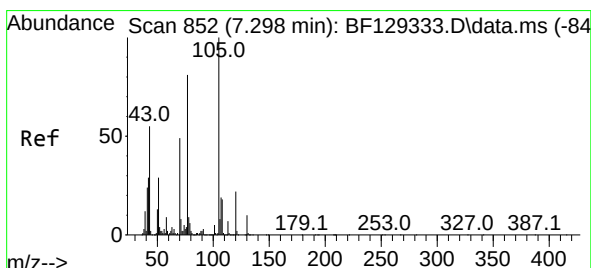
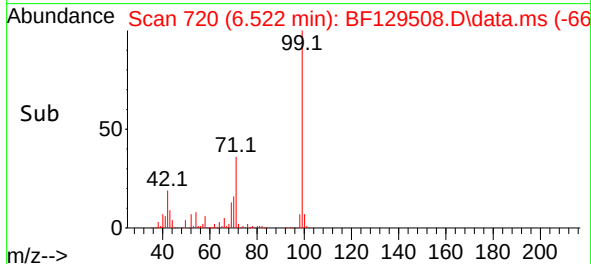
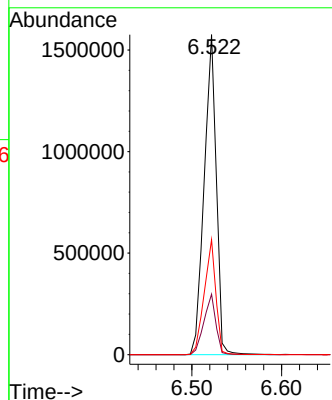
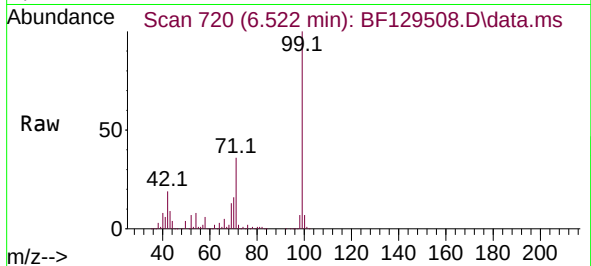




#7
Phenol-d6
Concen: 116.212 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

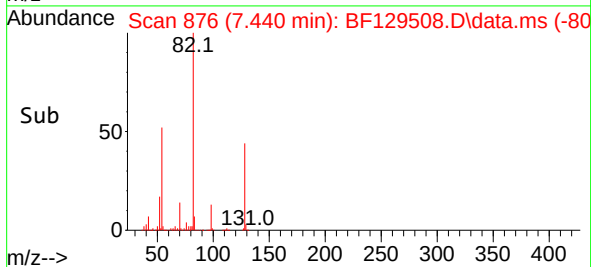
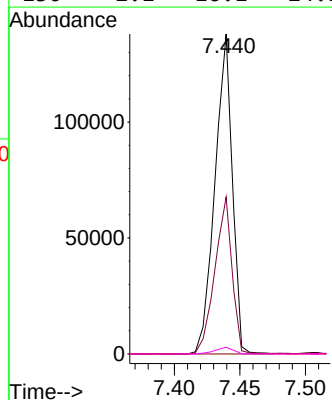
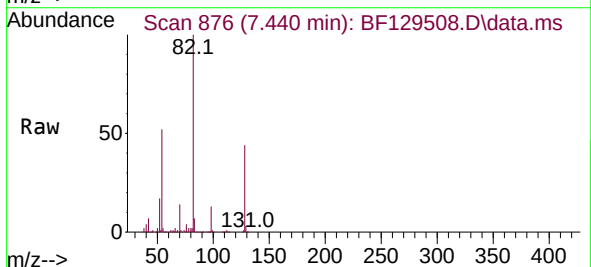
Instrument :
BNA_F
ClientSampleId :
COMP-3

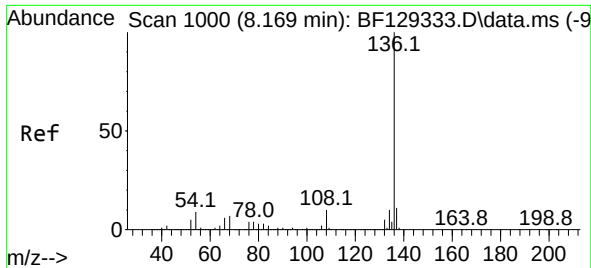
Tgt Ion: 99 Resp: 1479919
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.520 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion: 70 Resp: 127360
Ion Ratio Lower Upper
70 100
42 49.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



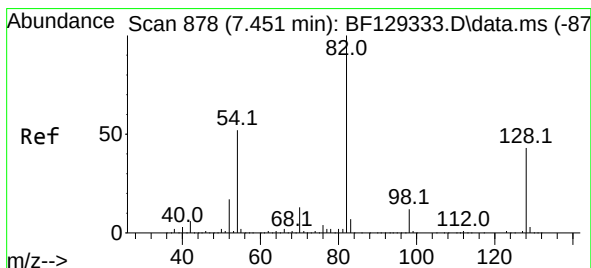
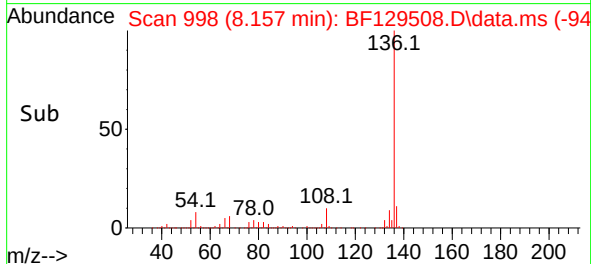
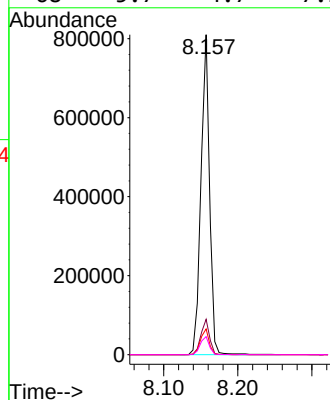
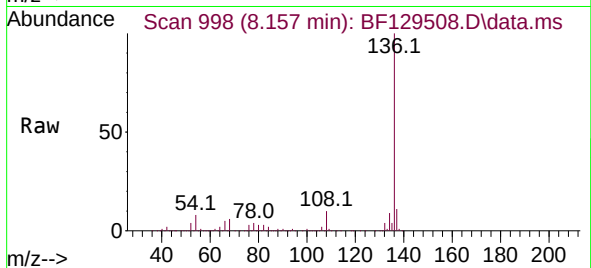


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:136 Resp: 654163

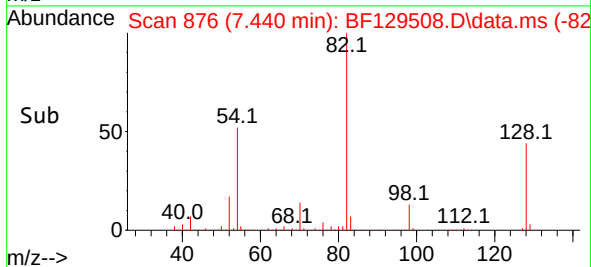
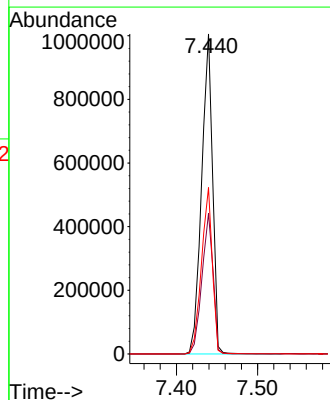
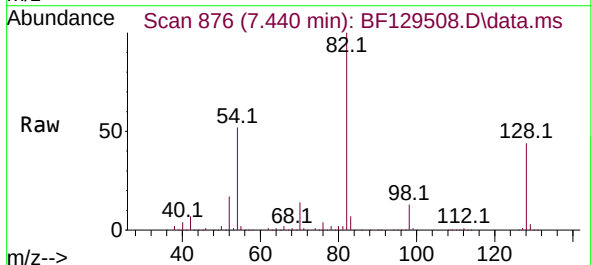
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	7.5	11.3
68	5.7	4.7	7.1

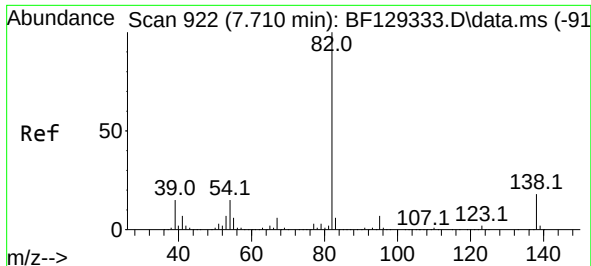


#23
Nitrobenzene-d5
Concen: 78.841 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion: 82 Resp: 944796

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	52.0	46.9	70.3

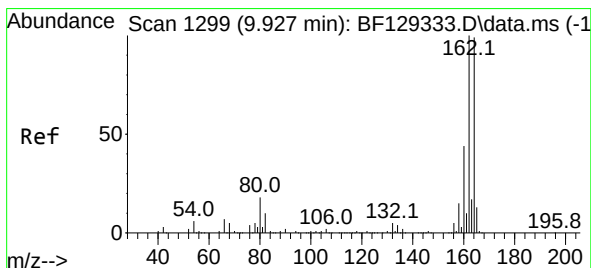
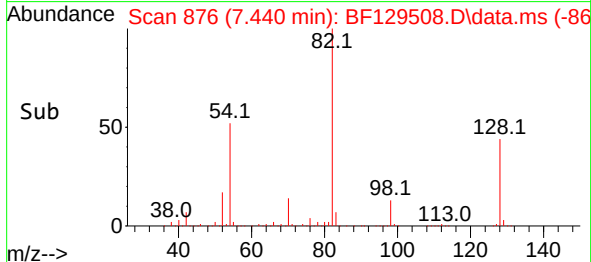
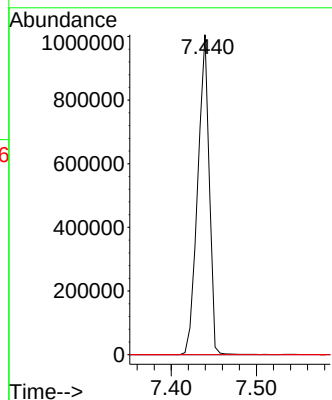
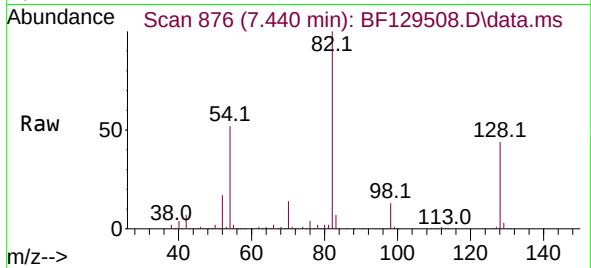




#25
Isophorone
Concen: 43.984 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

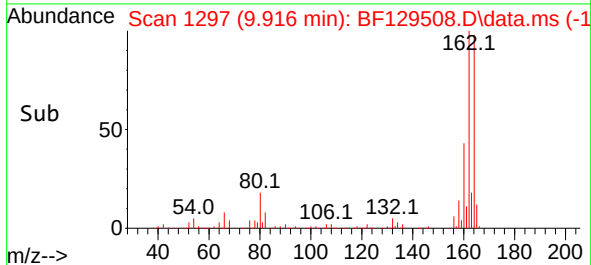
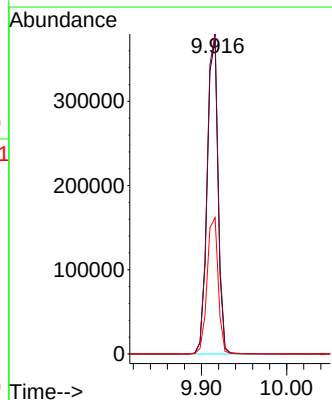
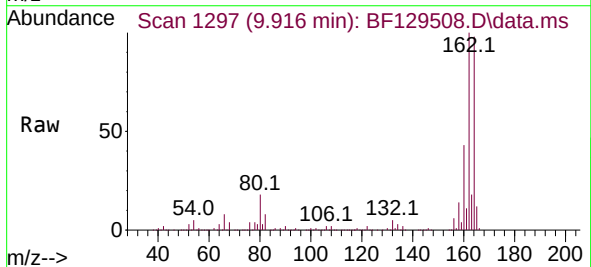
Instrument :
BNA_F
ClientSampleId :
COMP-3

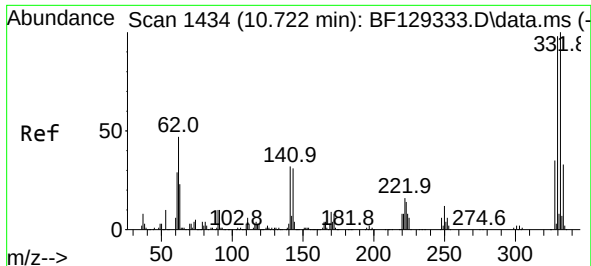
Tgt Ion: 82 Resp: 944789
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion: 164 Resp: 330499
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 43.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 109.726 ng

RT: 10.710 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129508.D

Acq: 02 Aug 2022 15:15

Instrument :

BNA_F

ClientSampleId :

COMP-3

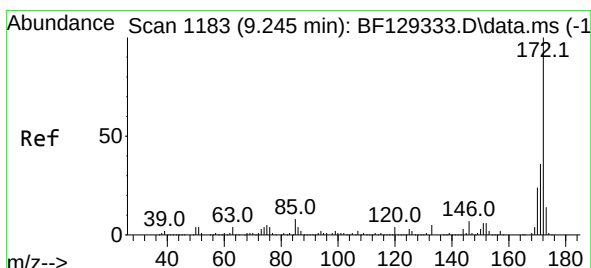
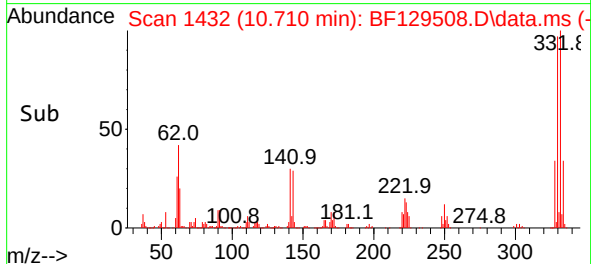
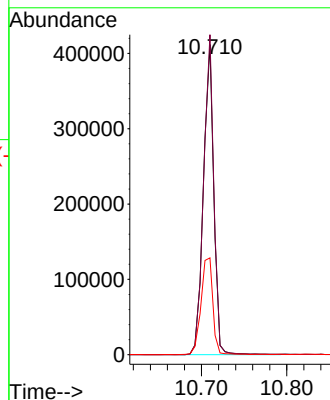
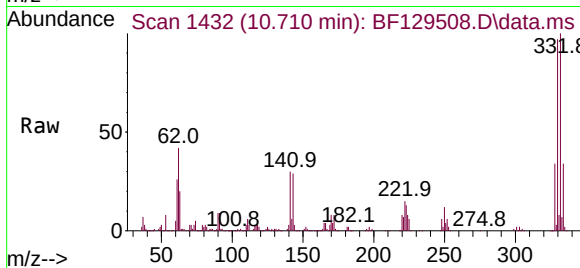
Tgt Ion:330 Resp: 348654

Ion Ratio Lower Upper

330 100

332 101.9 76.8 115.2

141 35.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.086 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129508.D

Acq: 02 Aug 2022 15:15

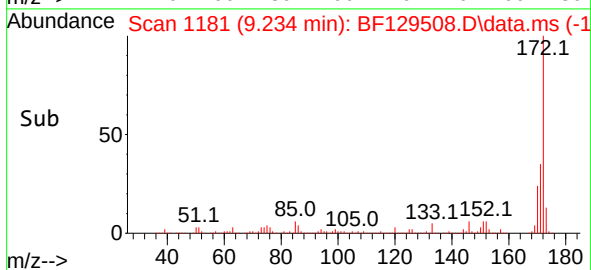
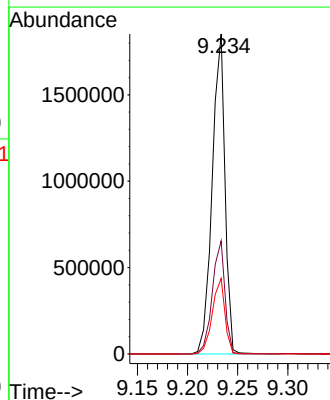
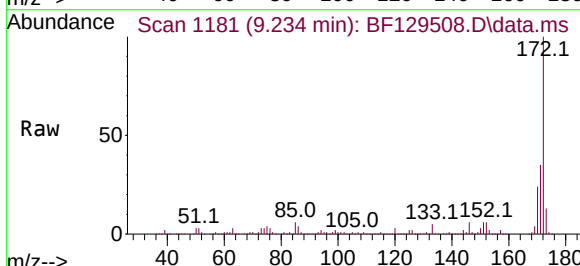
Tgt Ion:172 Resp: 1646912

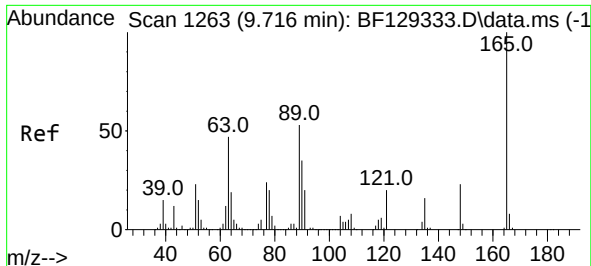
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.384 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129508.D

Acq: 02 Aug 2022 15:15

Instrument :

BNA_F

ClientSampleId :

COMP-3

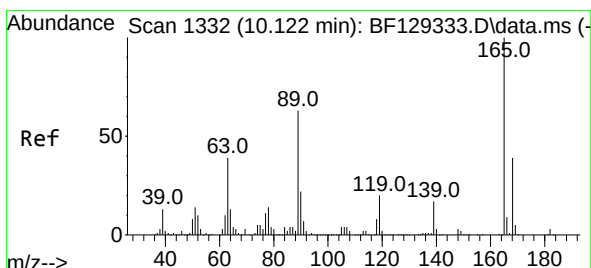
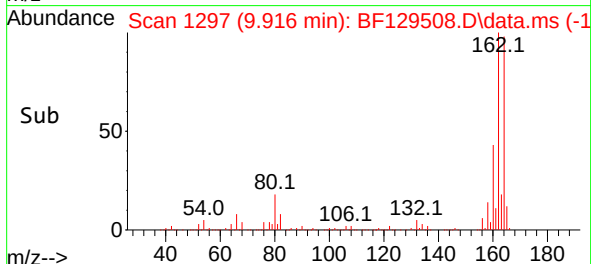
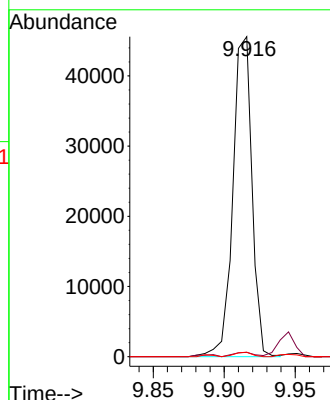
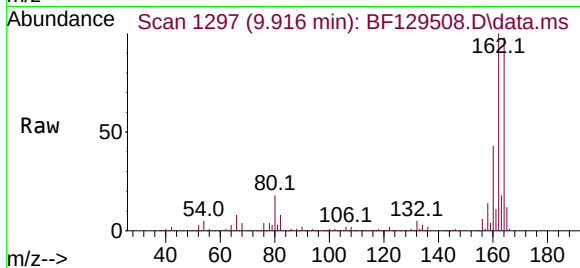
Tgt Ion:165 Resp: 42811

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.418 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.194 min

Lab File: BF129508.D

Acq: 02 Aug 2022 15:15

Tgt Ion:165 Resp: 42811

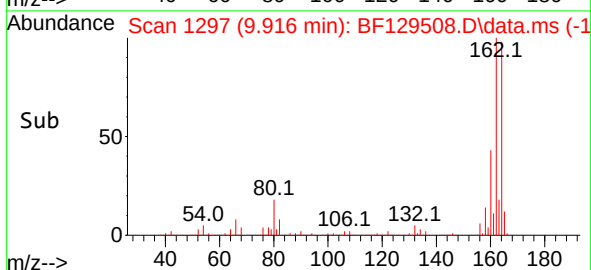
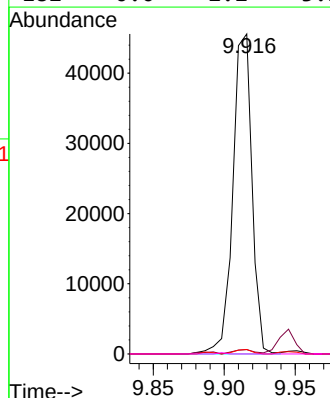
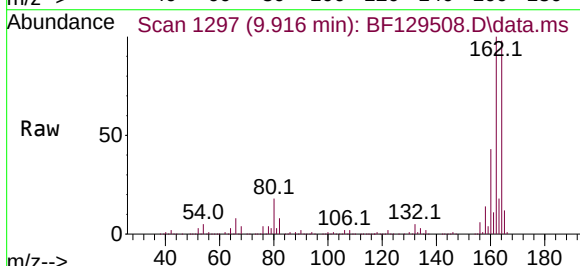
Ion Ratio Lower Upper

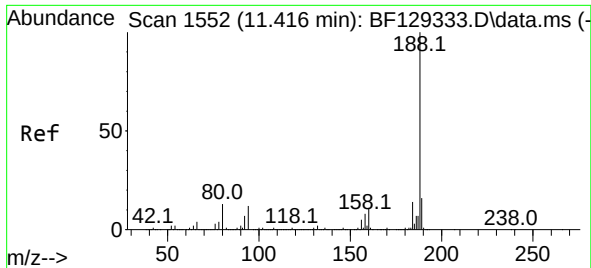
165 100

63 1.4 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

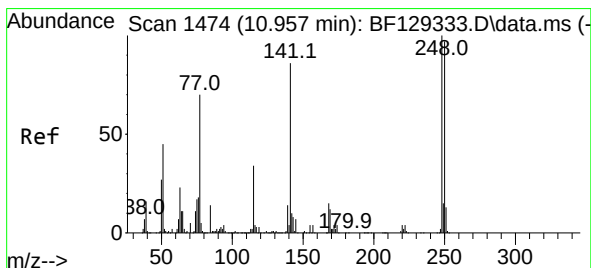
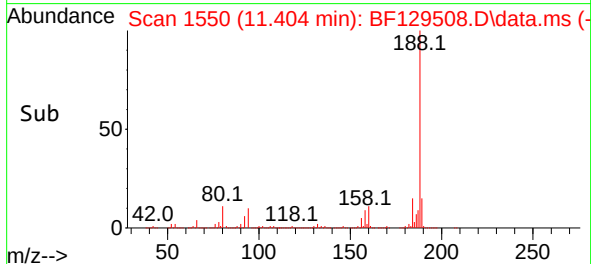
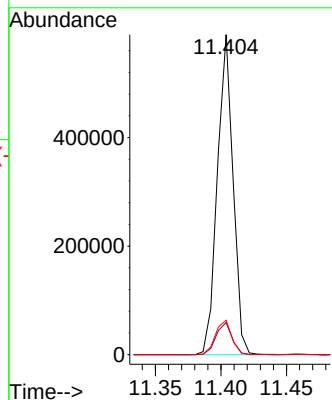
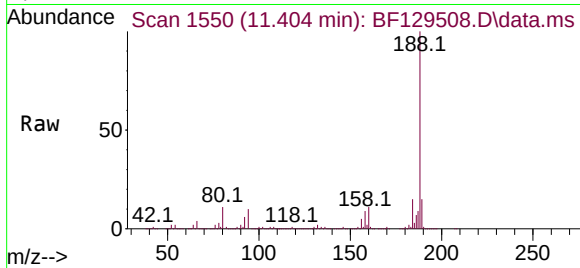




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

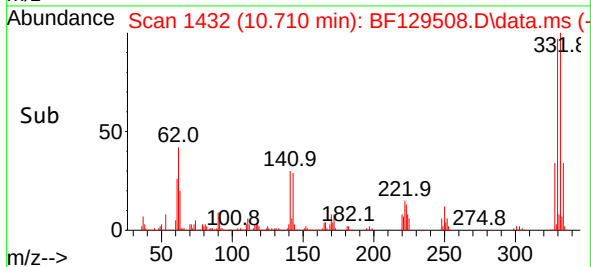
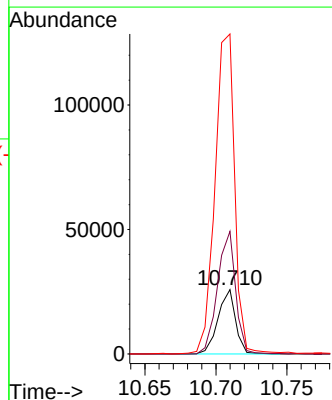
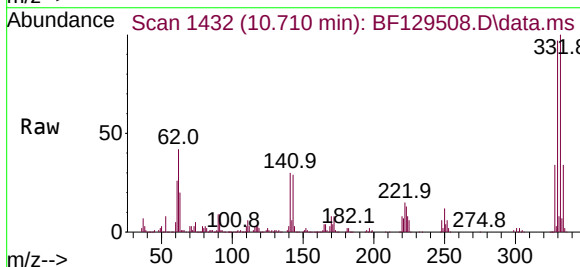
Instrument :
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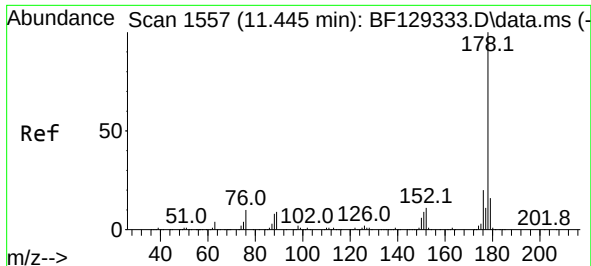
Tgt Ion:188 Resp: 490375
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.144 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.235 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion:248 Resp: 22253
Ion Ratio Lower Upper
248 100
250 190.4 80.6 120.8#
141 497.3 58.9 88.3#

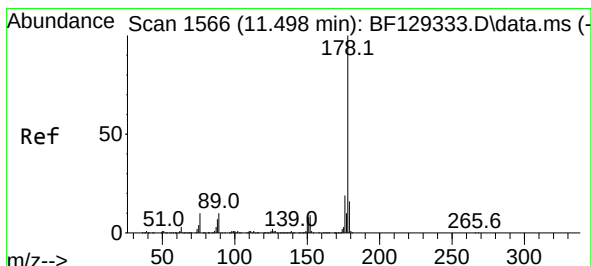
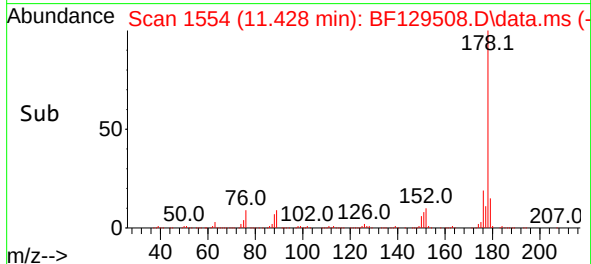
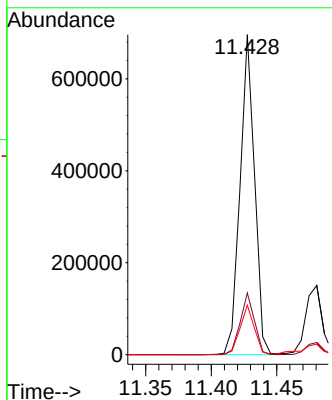
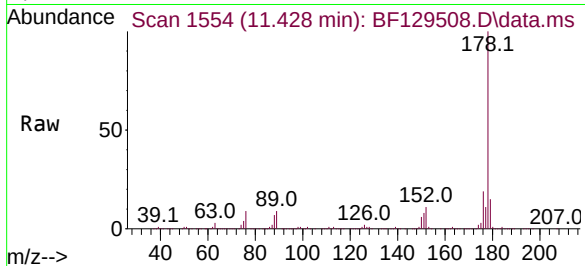




#71
Phenanthrene
Concen: 20.069 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

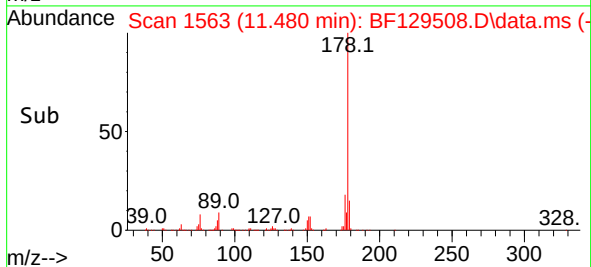
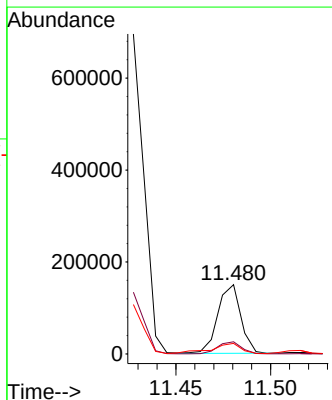
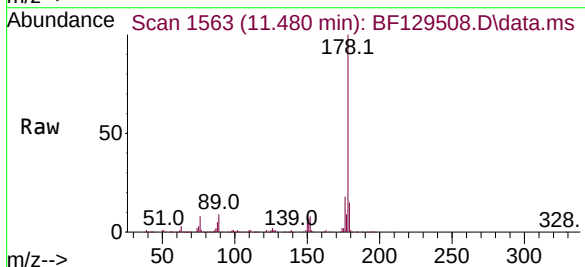
Instrument :
BNA_F
ClientSampleId :
COMP-3

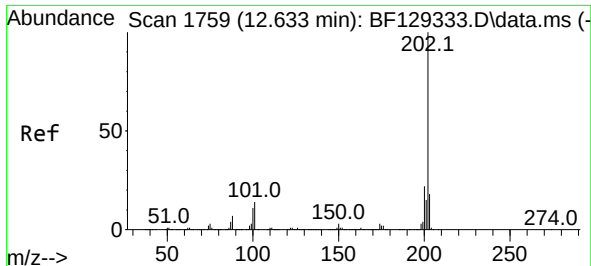
Tgt Ion:178 Resp: 537216
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.4 12.6 19.0



#72
Anthracene
Concen: 4.827 ng
RT: 11.480 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion:178 Resp: 126989
Ion Ratio Lower Upper
178 100
176 17.6 15.4 23.2
179 15.3 12.6 19.0

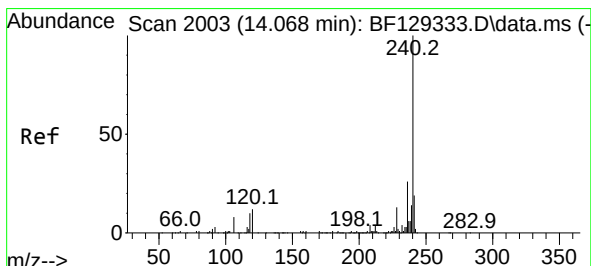
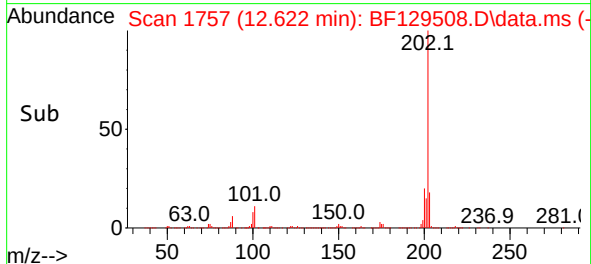
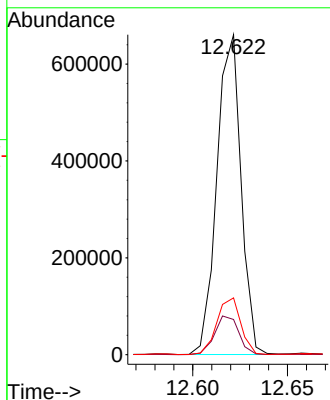
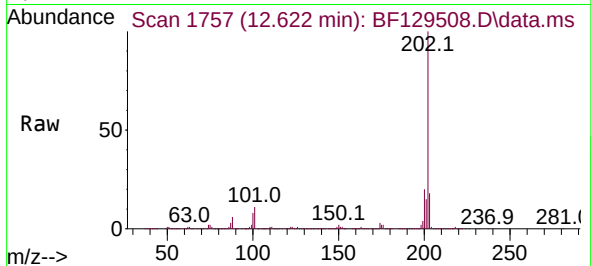




#75
Fluoranthene
Concen: 21.617 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

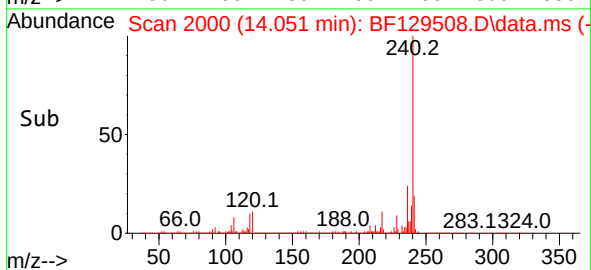
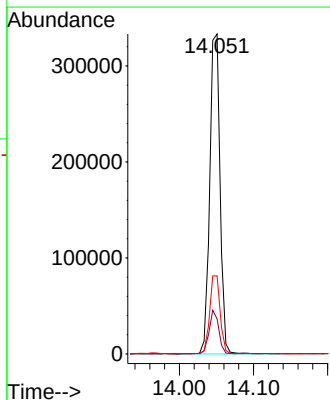
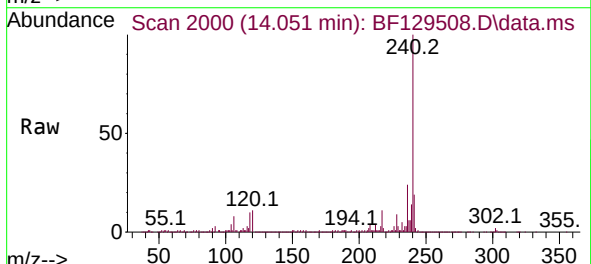
Instrument :
BNA_F
ClientSampleId :
COMP-3

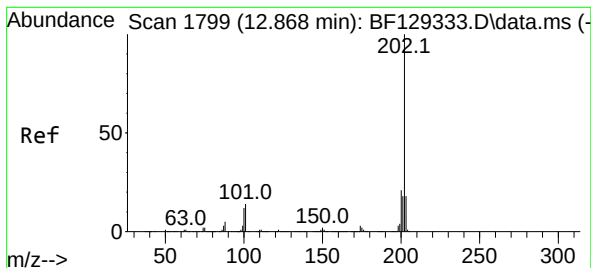
Tgt Ion:202 Resp: 586294
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion:240 Resp: 321896
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 24.4 20.8 31.2





#78

Pyrene

Concen: 18.594 ng

RT: 12.851 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129508.D

Acq: 02 Aug 2022 15:15

Instrument :

BNA_F

ClientSampleId :

COMP-3

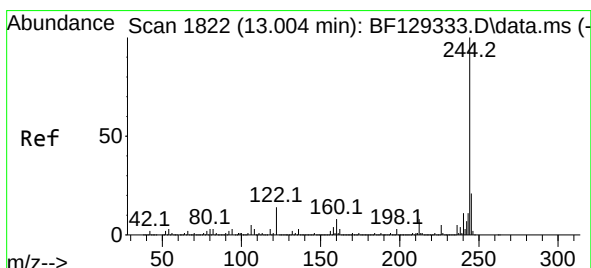
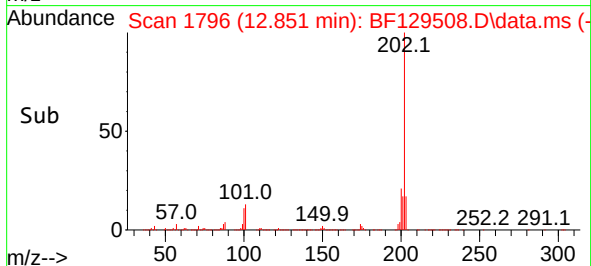
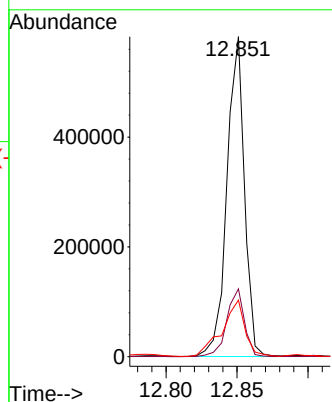
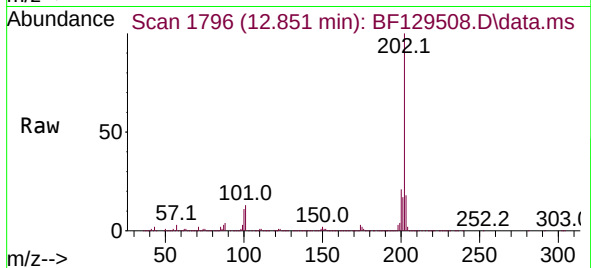
Tgt Ion:202 Resp: 500512

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

203 17.7 14.6 21.8



#79

Terphenyl-d14

Concen: 71.873 ng

RT: 12.986 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF129508.D

Acq: 02 Aug 2022 15:15

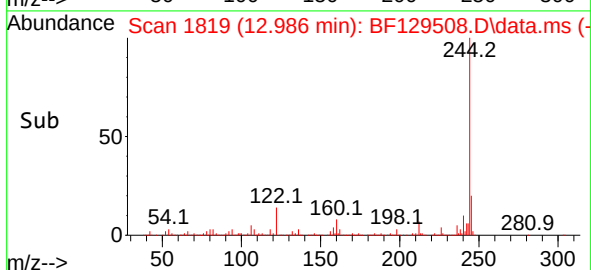
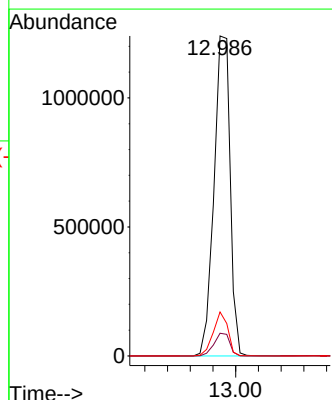
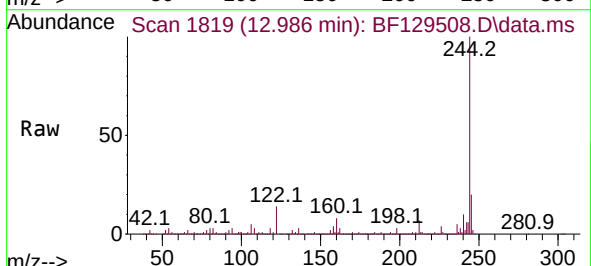
Tgt Ion:244 Resp: 1226323

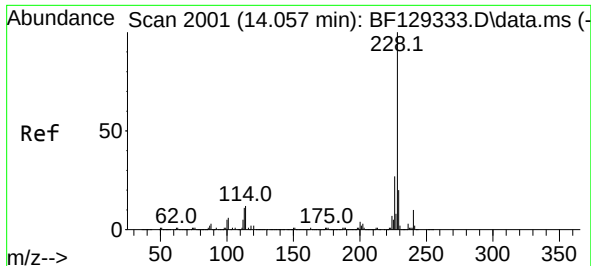
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 13.8 8.8 13.2#

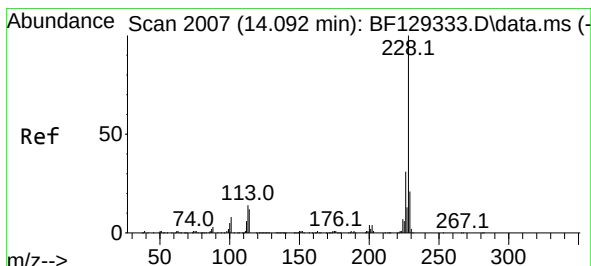
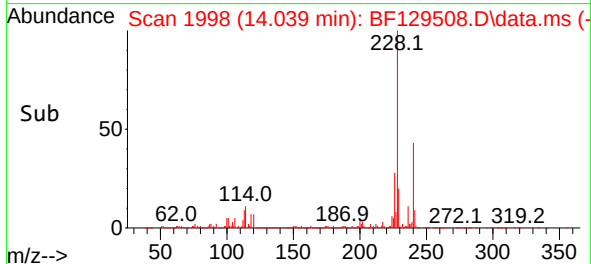
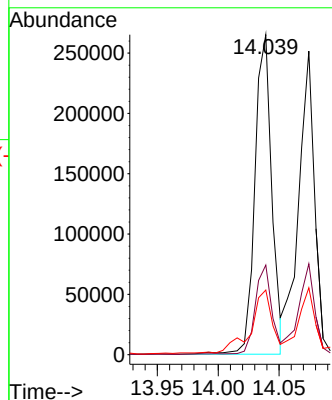
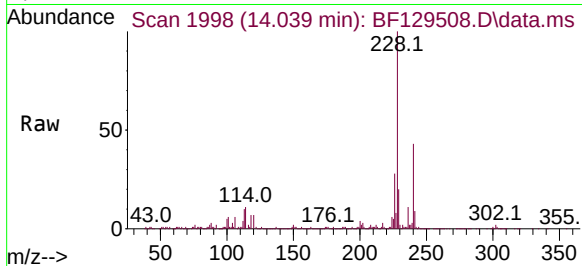




#81
Benzo(a)anthracene
Concen: 11.593 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

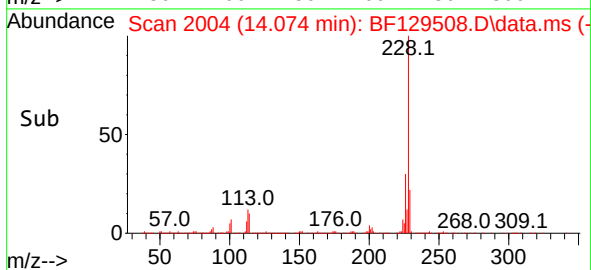
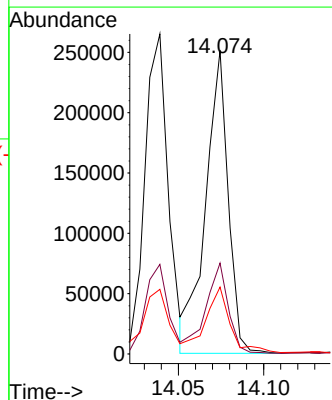
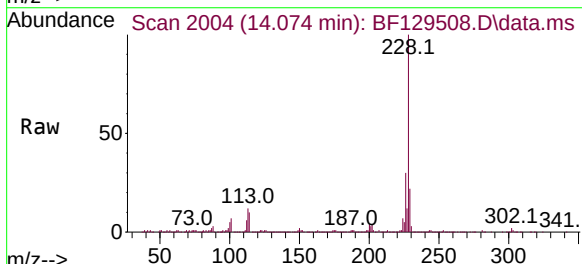
Instrument :
BNA_F
ClientSampleId :
COMP-3

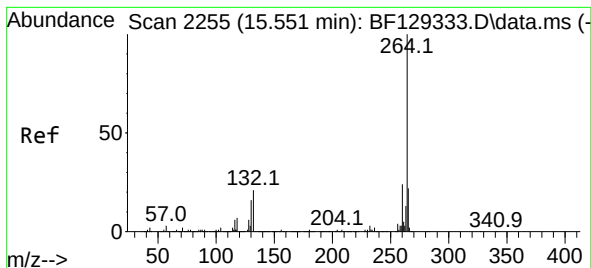
Tgt Ion:228 Resp: 254920
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 20.2 15.8 23.8



#83
Chrysene
Concen: 11.144 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion:228 Resp: 230933
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 22.0 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129508.D

Acq: 02 Aug 2022 15:15

Instrument :

BNA_F

ClientSampleId :

COMP-3

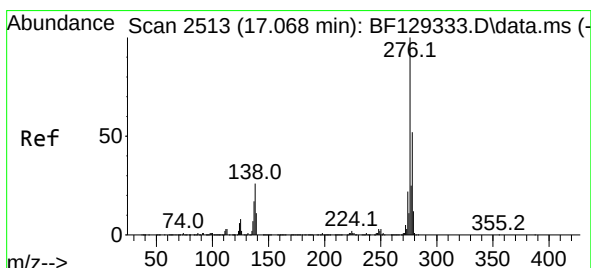
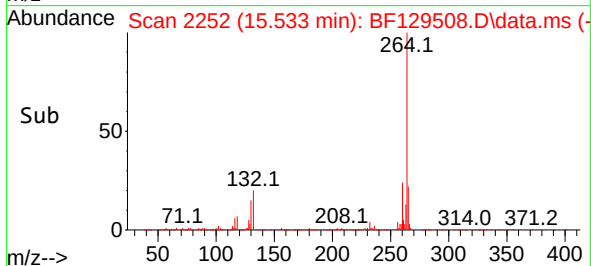
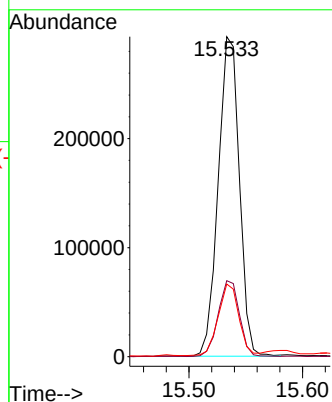
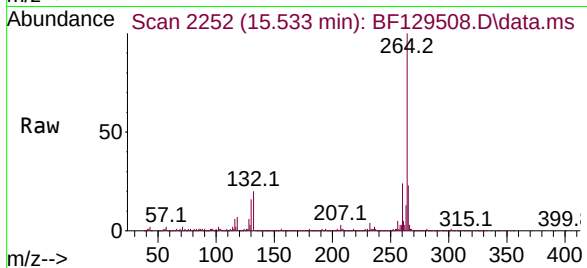
Tgt Ion:264 Resp: 378977

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.7 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.511 ng

RT: 17.033 min Scan# 2507

Delta R.T. -0.000 min

Lab File: BF129508.D

Acq: 02 Aug 2022 15:15

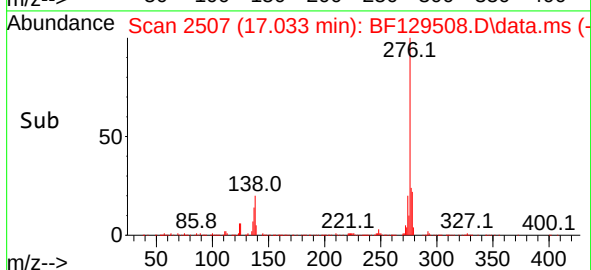
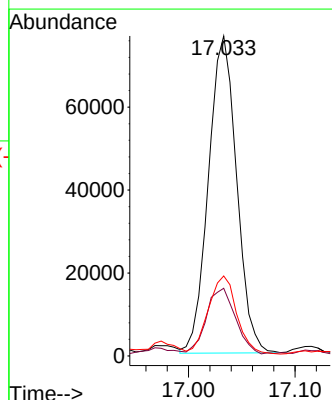
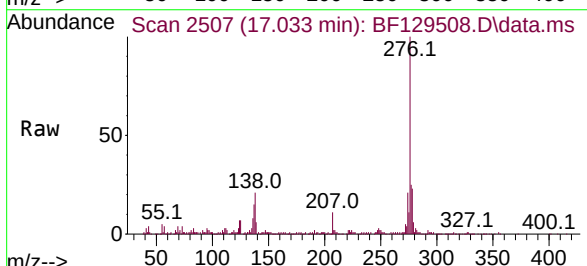
Tgt Ion:276 Resp: 140633

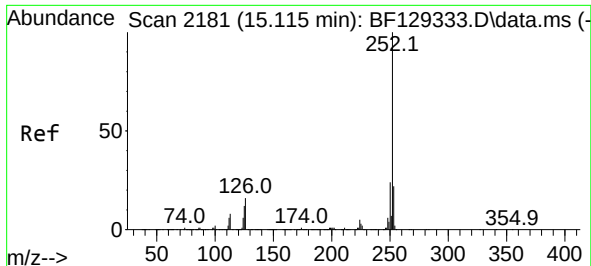
Ion Ratio Lower Upper

276 100

138 21.6 21.1 31.7

277 24.8 20.3 30.5

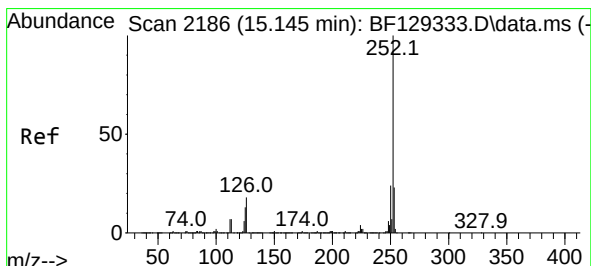
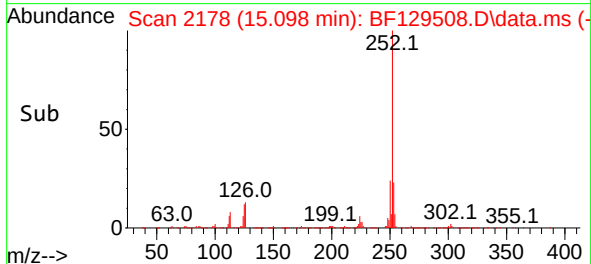
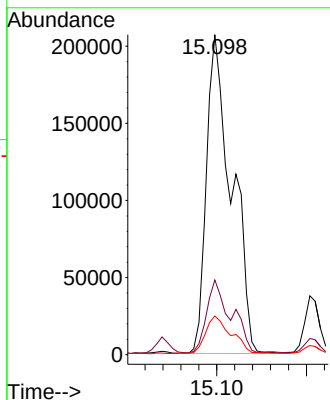
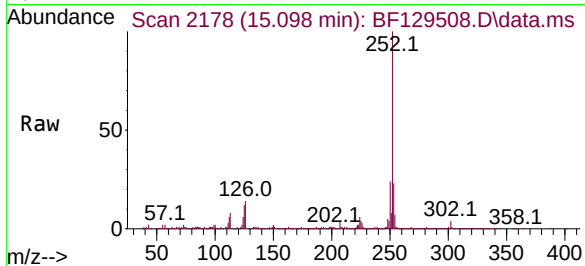




#88
Benzo(b)fluoranthene
Concen: 16.033 ng
RT: 15.098 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

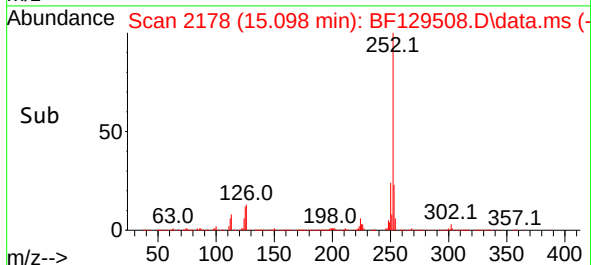
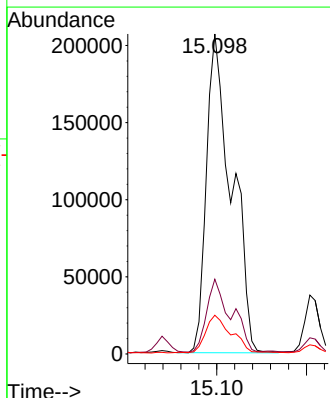
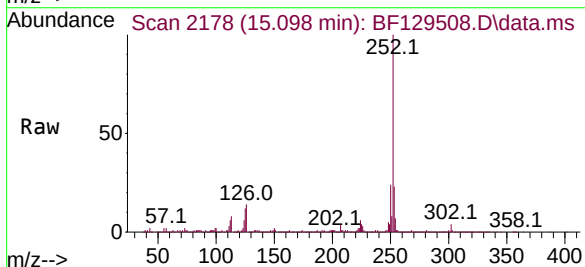
Instrument :
BNA_F
ClientSampleId :
COMP-3

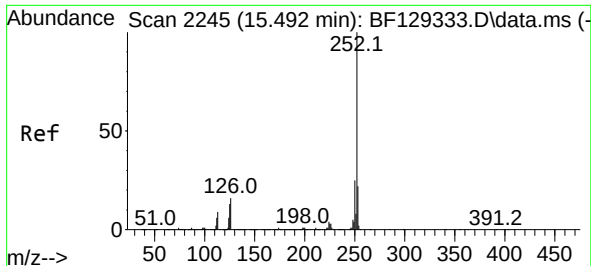
Tgt Ion:252 Resp: 403054
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 12.1 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 16.361 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.024 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion:252 Resp: 403054
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 12.1 8.3 12.5

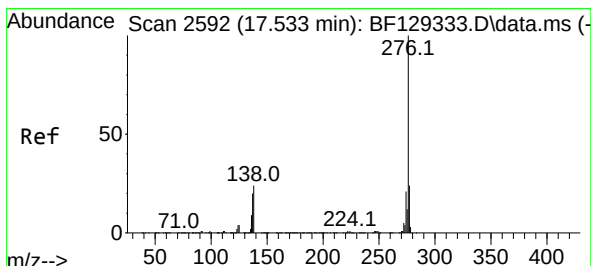
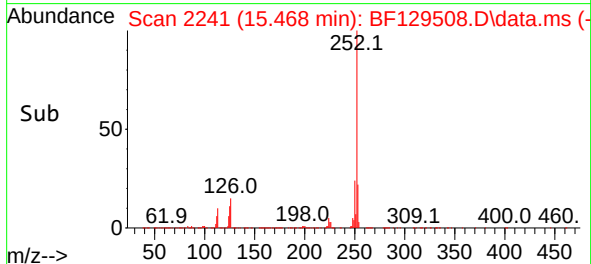
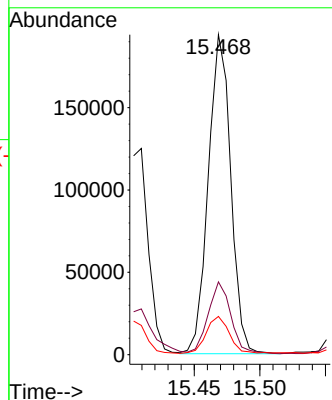
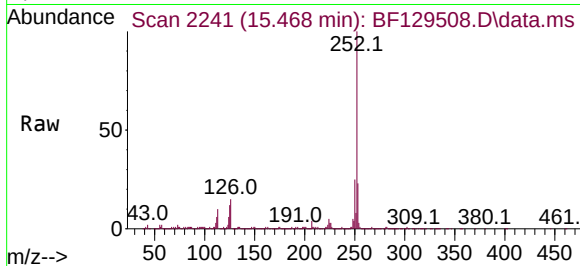




#90
Benzo(a)pyrene
Concen: 11.342 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:252 Resp: 231446
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 11.9 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 6.110 ng
RT: 17.492 min Scan# 2585
Delta R.T. 0.000 min
Lab File: BF129508.D
Acq: 02 Aug 2022 15:15

Tgt Ion:276 Resp: 129688
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 22.6 18.0 27.0

