

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126351.D
 Acq On : 23 Dec 2021 18:46
 Operator : JU/CG
 Sample : M5189-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122121

Quant Time: Dec 27 06:51:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

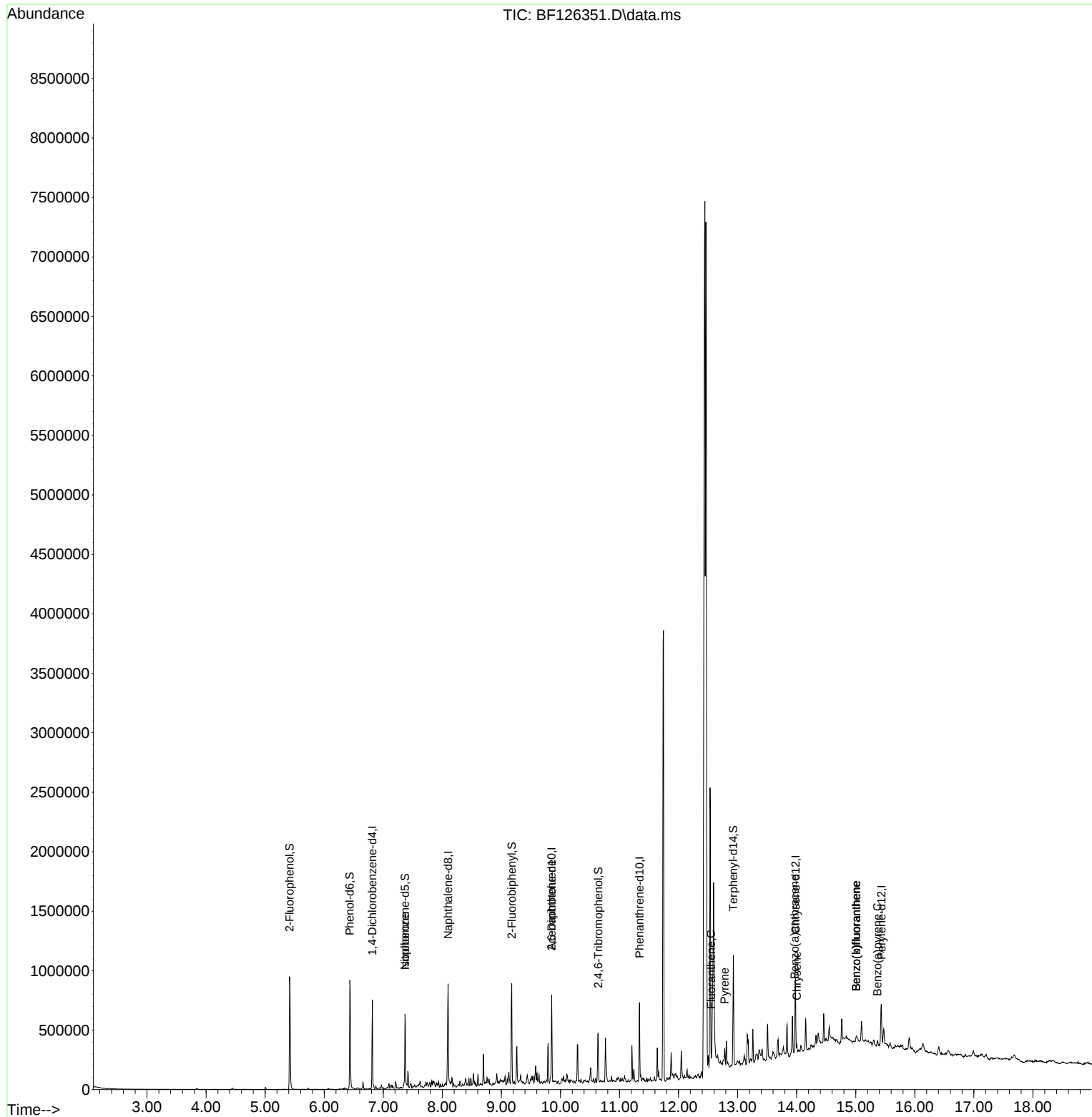
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	97767	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	337678	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	131219	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	233157	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	203913	20.000	ng	0.00
86) Perylene-d12	15.433	264	147263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	290410	43.744	ng	-0.01
7) Phenol-d6	6.434	99	344267	40.840	ng	-0.01
23) Nitrobenzene-d5	7.369	82	202473	32.474	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	48271	45.775	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	246272	32.917	ng	0.00
79) Terphenyl-d14	12.927	244	277169	23.625	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.369	82	198357	16.847	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	18954	10.535	ng	# 27
75) Fluoranthene	12.551	202	41209	3.801	ng	91
78) Pyrene	12.780	202	51545	2.751	ng	96
81) Benzo(a)anthracene	13.968	228	24491	2.028	ng	# 89
83) Chrysene	14.004	228	29313	2.336	ng	# 94
88) Benzo(b)fluoranthene	15.009	252	36257	4.098	ng	# 71
89) Benzo(k)fluoranthene	15.009	252	36257	4.283	ng	# 72
90) Benzo(a)pyrene	15.368	252	20564	2.796	ng	# 73

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

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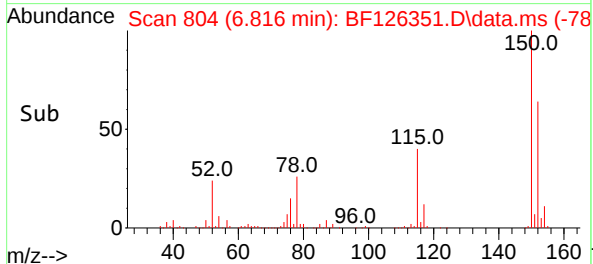
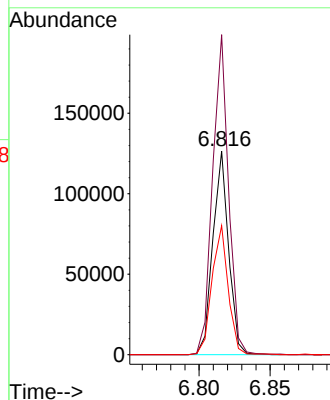
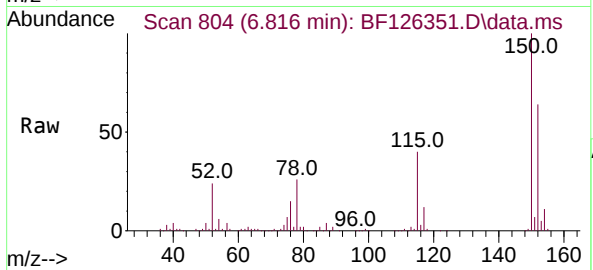




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

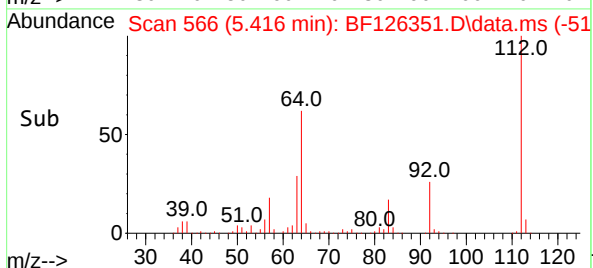
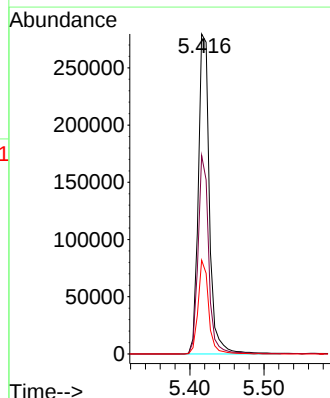
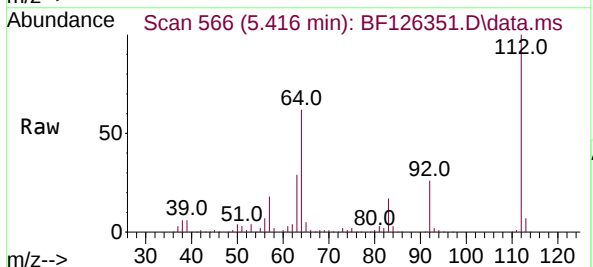
Instrument :
BNA_F
ClientSampleId :
TR-05-122121

Tgt Ion:152 Resp: 97767
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 43.744 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Tgt Ion:112 Resp: 290410
Ion Ratio Lower Upper
112 100
64 62.0 44.2 66.2
63 29.3 26.2 39.2

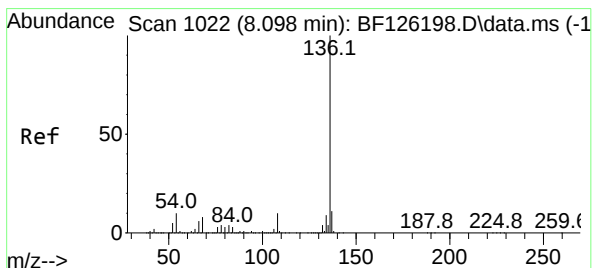
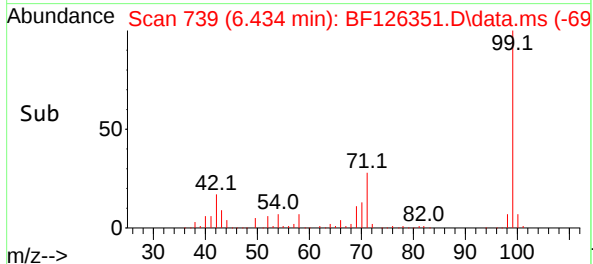
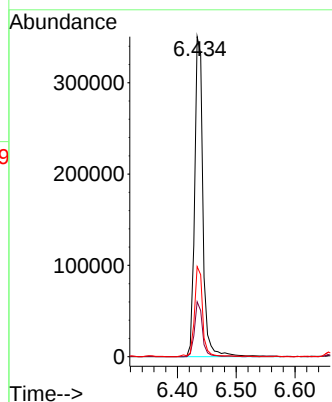
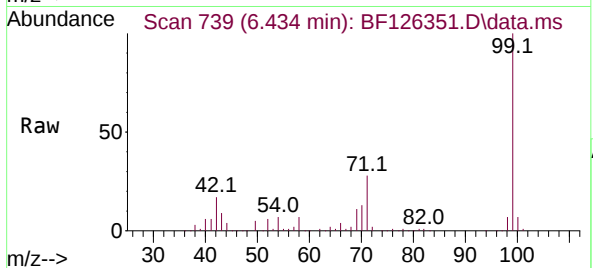




#7
Phenol-d6
Concen: 40.840 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

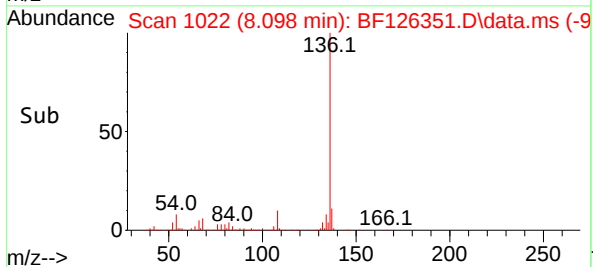
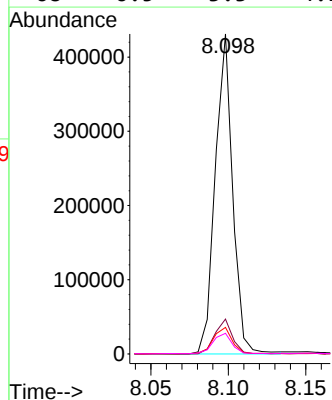
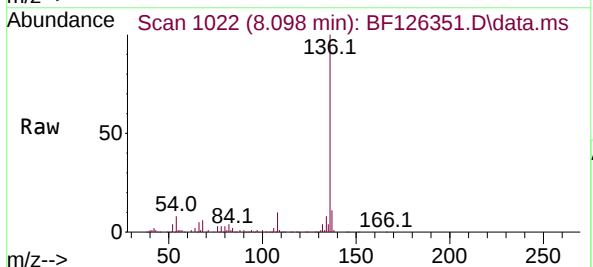
Instrument :
BNA_F
ClientSampleId :
TR-05-122121

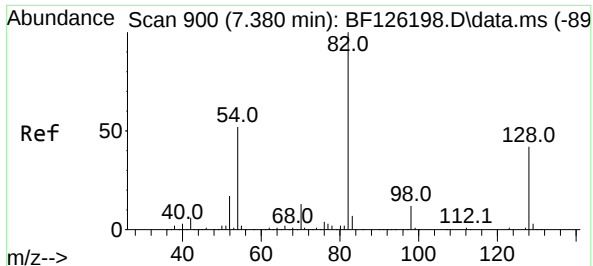
Tgt Ion: 99 Resp: 344267
Ion Ratio Lower Upper
99 100
42 17.1 23.5 35.3#
71 28.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Tgt Ion: 136 Resp: 337678
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 8.3 6.4 9.6
68 6.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 32.474 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF126351.D

Acq: 23 Dec 2021 18:46

Instrument :

BNA_F

ClientSampleId :

TR-05-122121

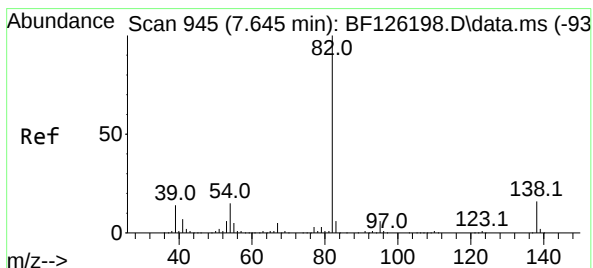
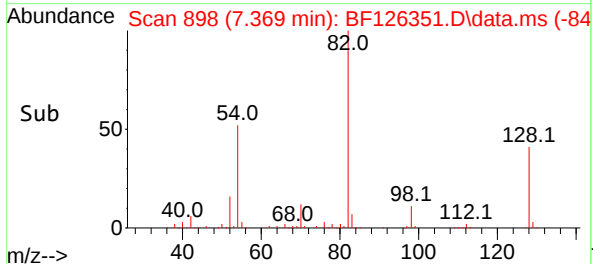
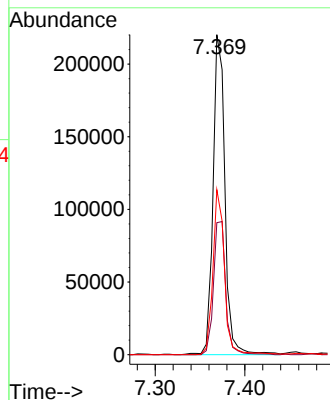
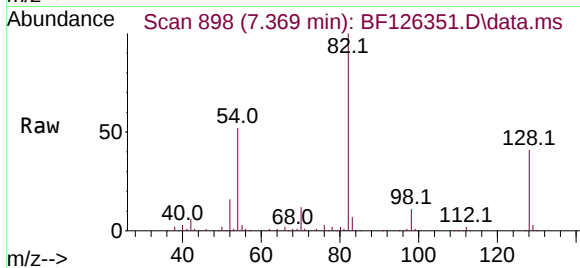
Tgt Ion: 82 Resp: 202473

Ion Ratio Lower Upper

82 100

128 41.2 40.6 60.8

54 51.6 49.6 74.4



#25

Isophorone

Concen: 16.847 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.271 min

Lab File: BF126351.D

Acq: 23 Dec 2021 18:46

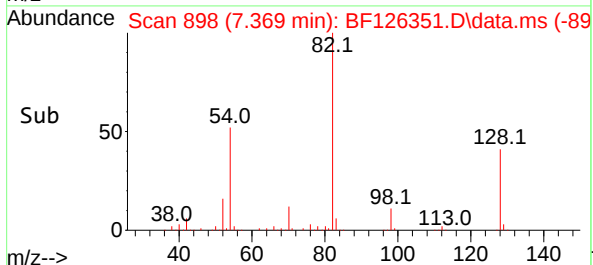
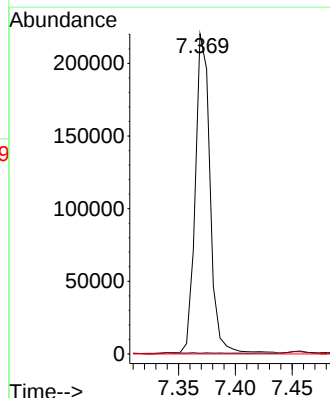
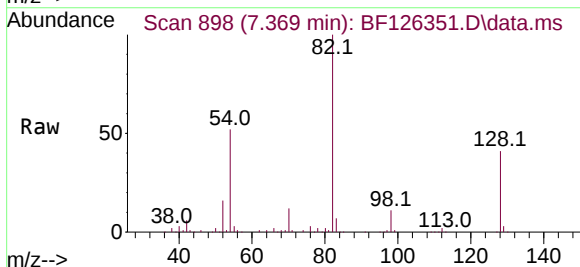
Tgt Ion: 82 Resp: 198357

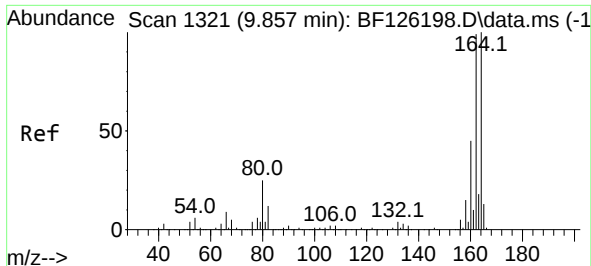
Ion Ratio Lower Upper

82 100

95 0.2 6.5 9.7#

138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126351.D

Acq: 23 Dec 2021 18:46

Instrument :

BNA_F

ClientSampleId :

TR-05-122121

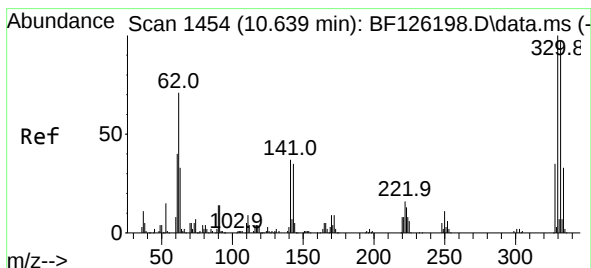
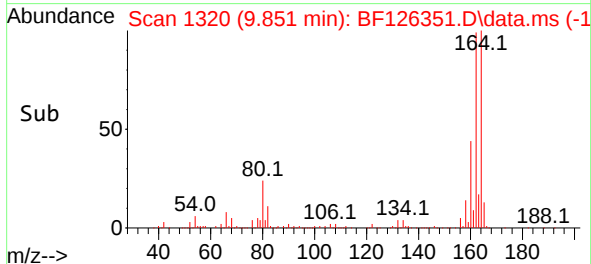
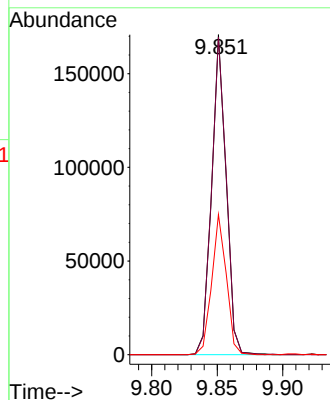
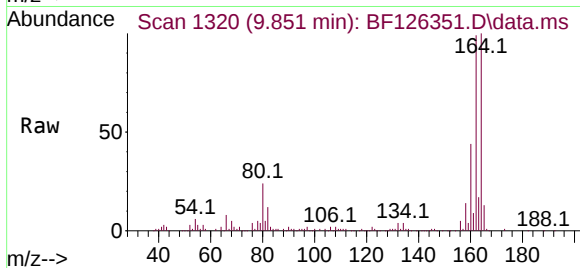
Tgt Ion:164 Resp: 131219

Ion Ratio Lower Upper

164 100

162 99.2 81.3 121.9

160 43.8 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 45.775 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF126351.D

Acq: 23 Dec 2021 18:46

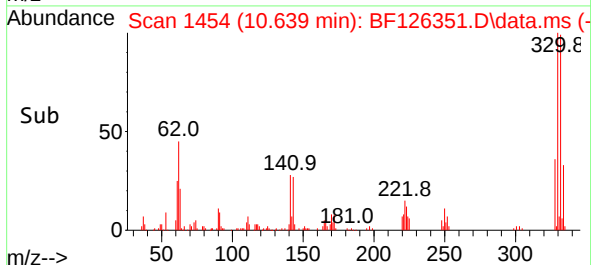
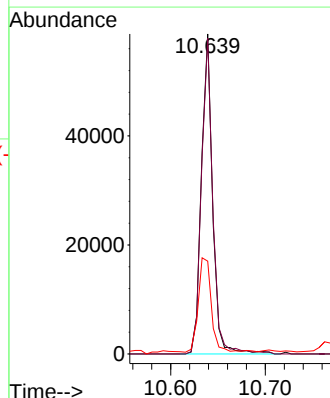
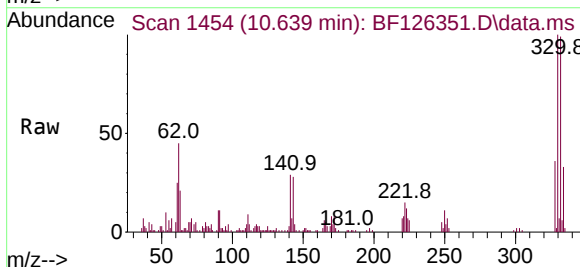
Tgt Ion:330 Resp: 48271

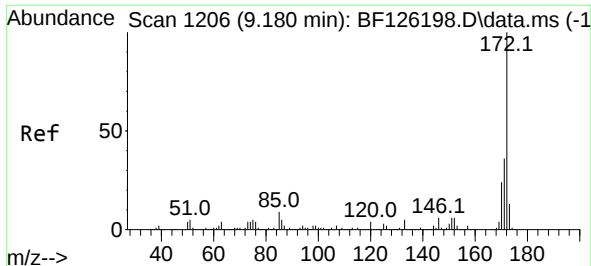
Ion Ratio Lower Upper

330 100

332 100.1 76.2 114.4

141 34.2 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 32.917 ng

RT: 9.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126351.D

Acq: 23 Dec 2021 18:46

Instrument :

BNA_F

ClientSampleId :

TR-05-122121

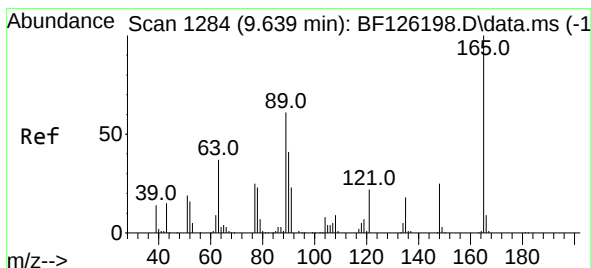
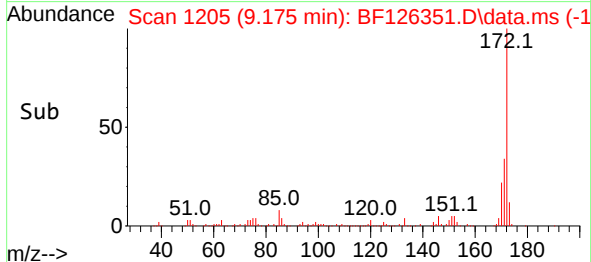
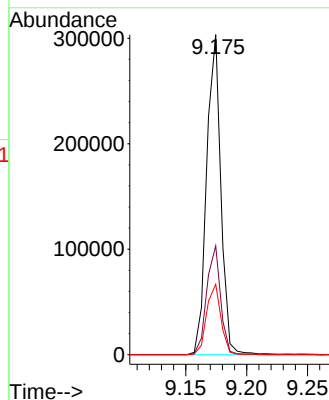
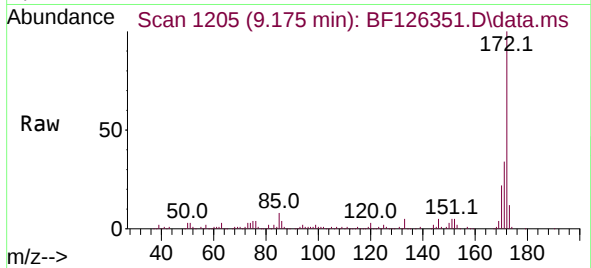
Tgt Ion:172 Resp: 246272

Ion Ratio Lower Upper

172 100

171 34.0 26.5 39.7

170 22.0 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 10.535 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126351.D

Acq: 23 Dec 2021 18:46

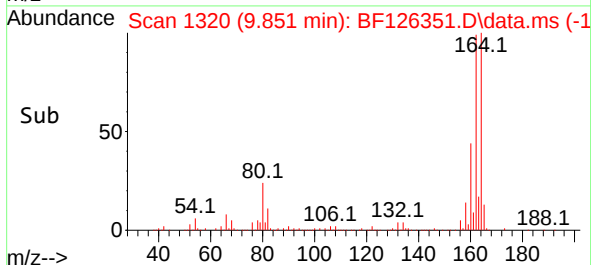
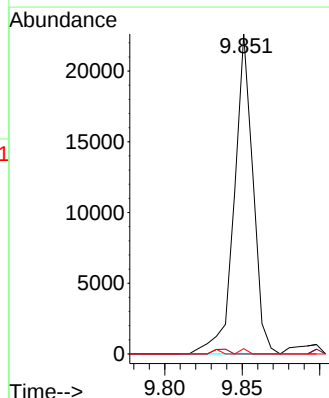
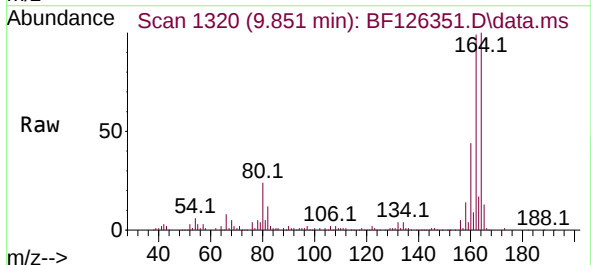
Tgt Ion:165 Resp: 18954

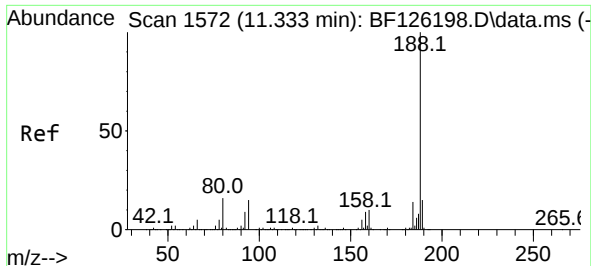
Ion Ratio Lower Upper

165 100

63 0.0 42.6 63.8#

89 1.6 40.6 60.8#

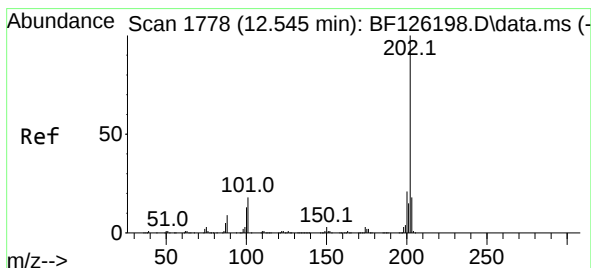
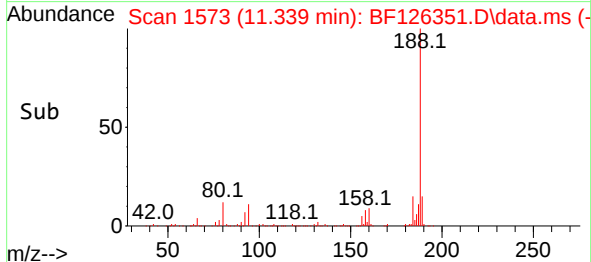
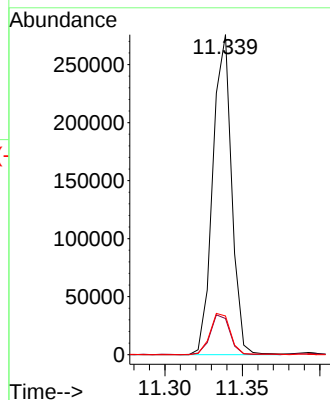
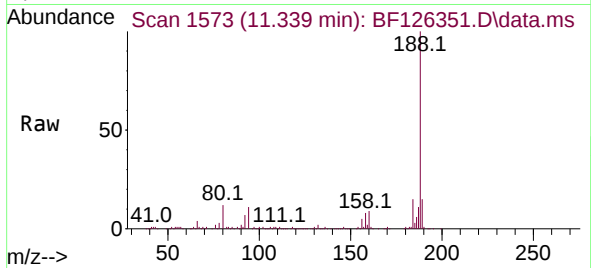




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

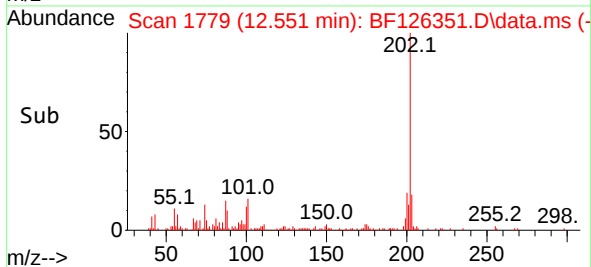
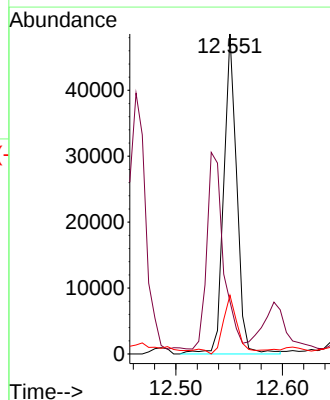
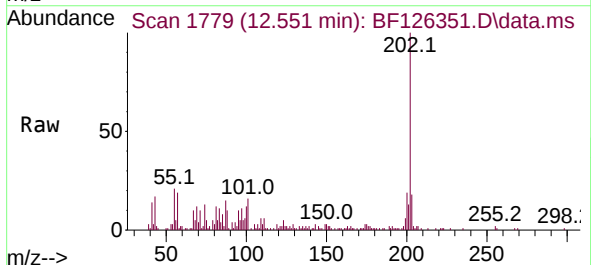
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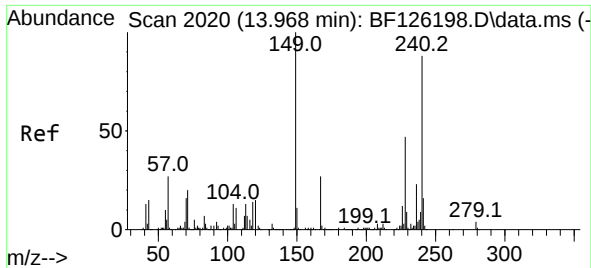
Tgt Ion:188 Resp: 233157
Ion Ratio Lower Upper
188 100
94 11.3 6.7 10.1#
80 12.1 7.5 11.3#



#75
Fluoranthene
Concen: 3.801 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Tgt Ion:202 Resp: 41209
Ion Ratio Lower Upper
202 100
101 16.4 0.0 30.7
203 18.4 0.0 36.3

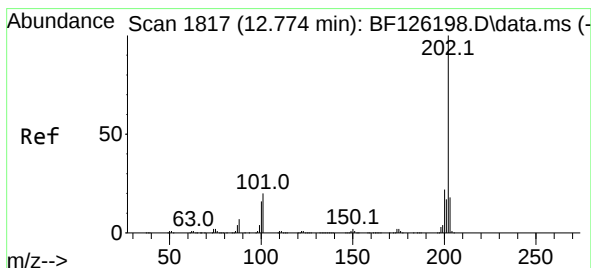
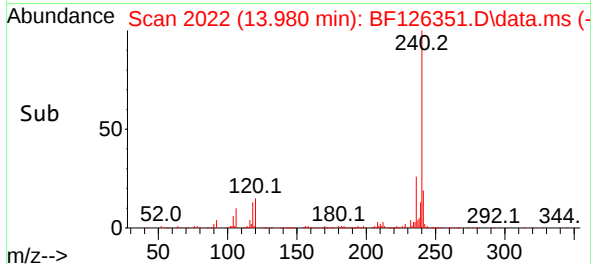
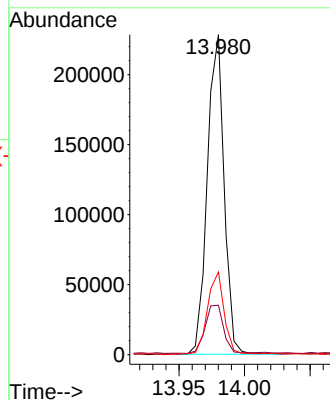
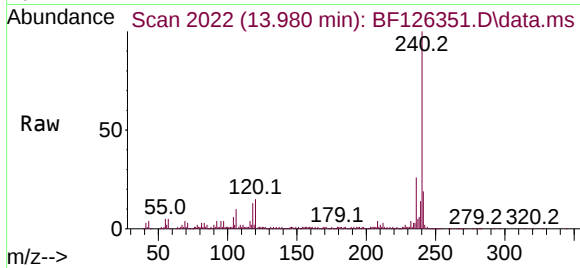




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

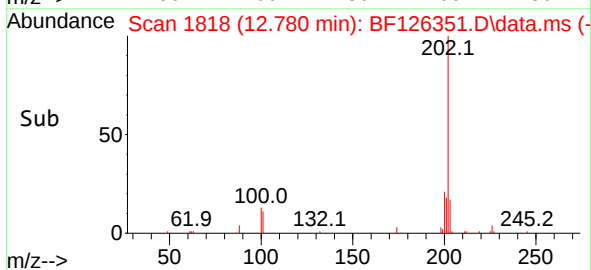
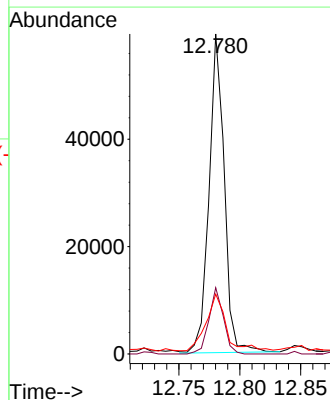
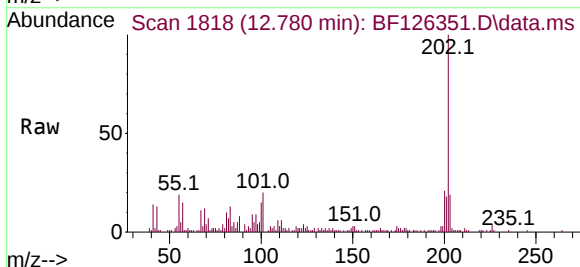
Instrument :
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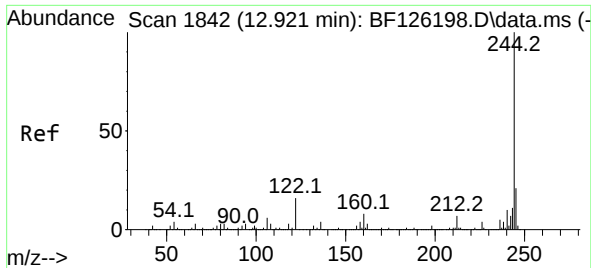
Tgt Ion:240 Resp: 203913
Ion Ratio Lower Upper
240 100
120 15.4 10.8 16.2
236 25.9 21.6 32.4



#78
Pyrene
Concen: 2.751 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Tgt Ion:202 Resp: 51545
Ion Ratio Lower Upper
202 100
200 20.7 15.3 22.9
203 18.7 13.4 20.0

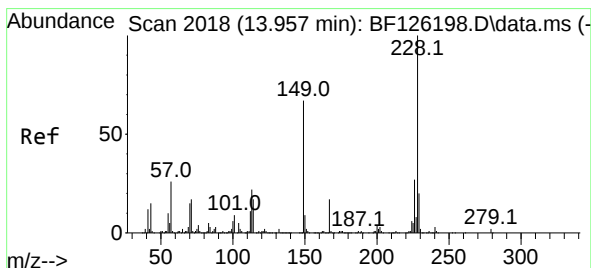
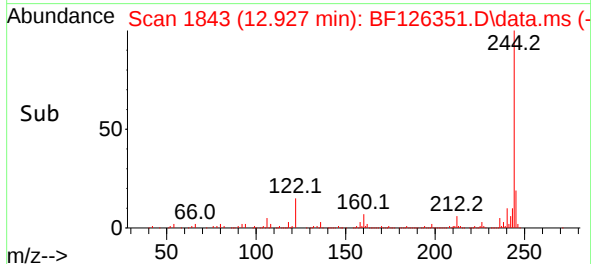
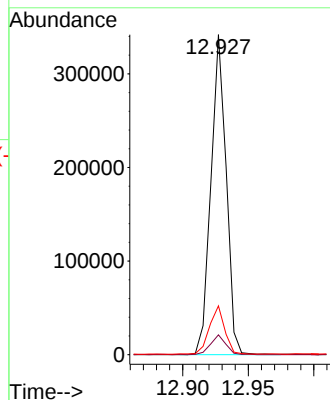
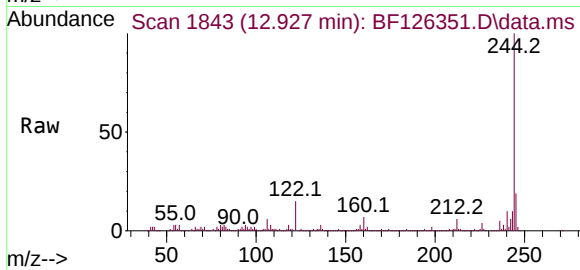




#79
 Terphenyl-d14
 Concen: 23.625 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF126351.D
 Acq: 23 Dec 2021 18:46

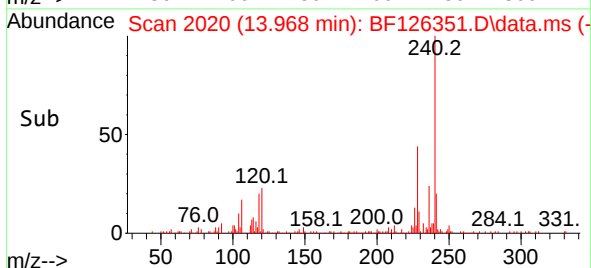
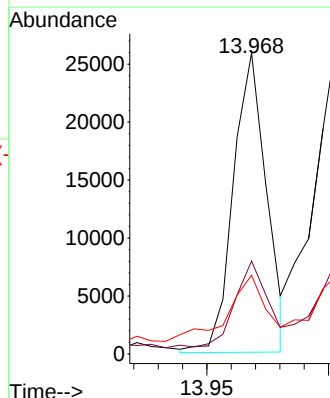
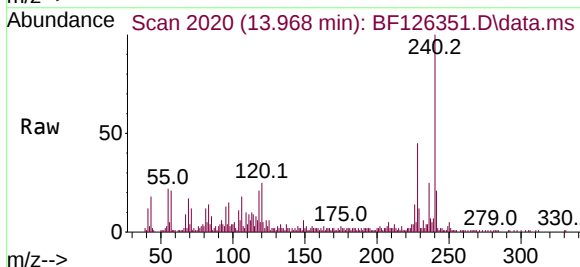
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122121

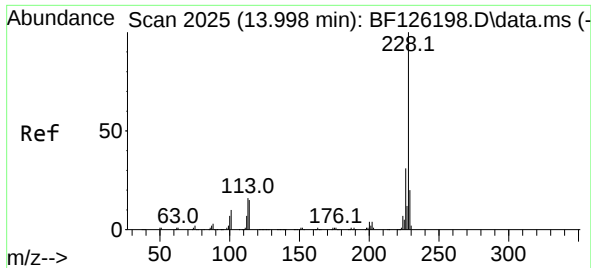
Tgt Ion:244 Resp: 277169
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.9 8.9
 122 15.2 9.0 13.4#



#81
 Benzo(a)anthracene
 Concen: 2.028 ng
 RT: 13.968 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: BF126351.D
 Acq: 23 Dec 2021 18:46

Tgt Ion:228 Resp: 24491
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.6 32.4
 229 26.2 15.6 23.4#





#83

Chrysene

Concen: 2.336 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF126351.D

Acq: 23 Dec 2021 18:46

Instrument :

BNA_F

ClientSampleId :

TR-05-122121

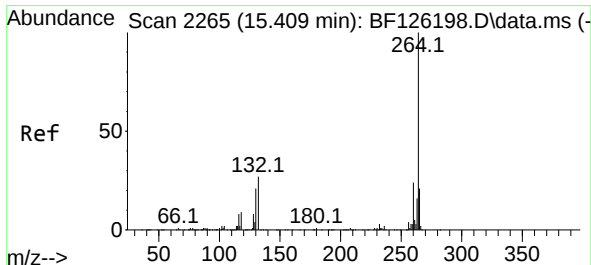
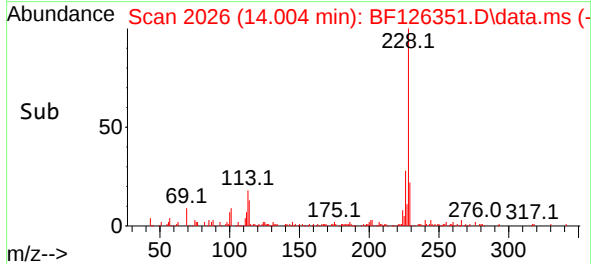
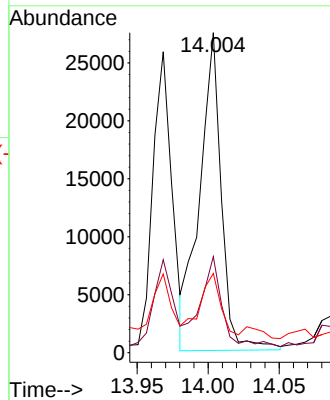
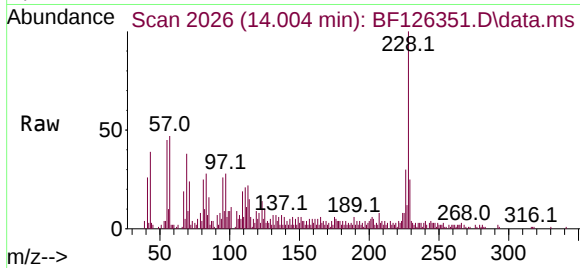
Tgt Ion:228 Resp: 29313

Ion Ratio Lower Upper

228 100

226 30.0 22.6 34.0

229 24.8 15.9 23.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF126351.D

Acq: 23 Dec 2021 18:46

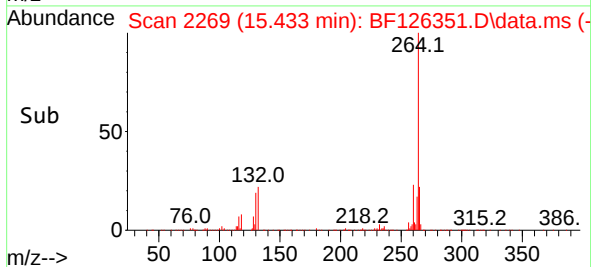
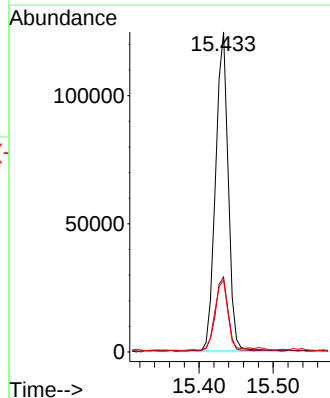
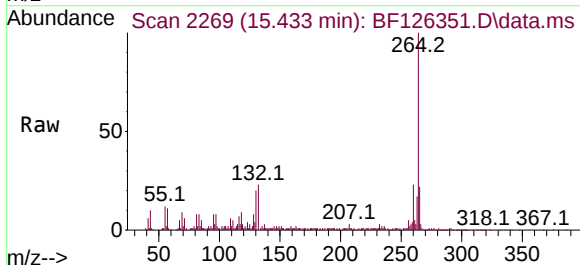
Tgt Ion:264 Resp: 147263

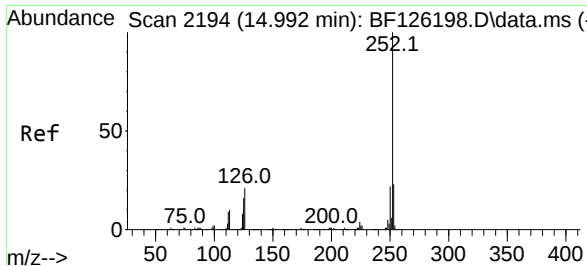
Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 22.5 17.2 25.8

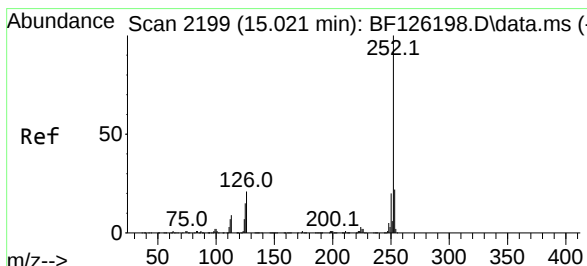
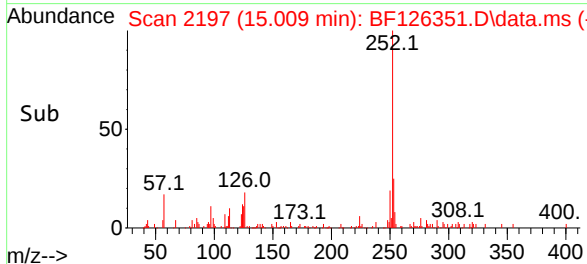
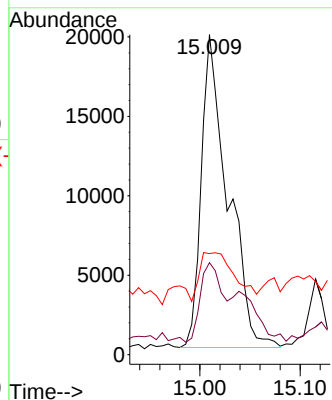
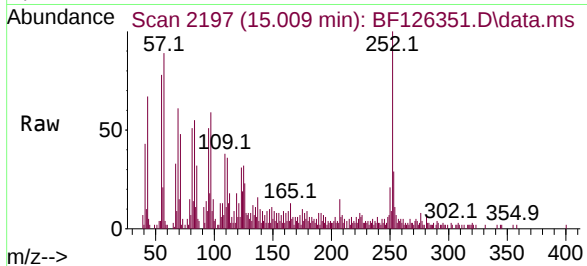




#88
Benzo(b)fluoranthene
Concen: 4.098 ng
RT: 15.009 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

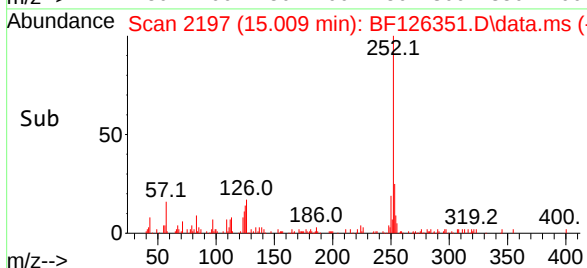
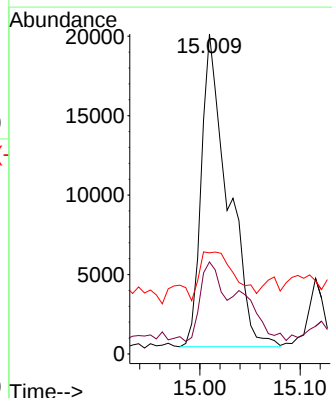
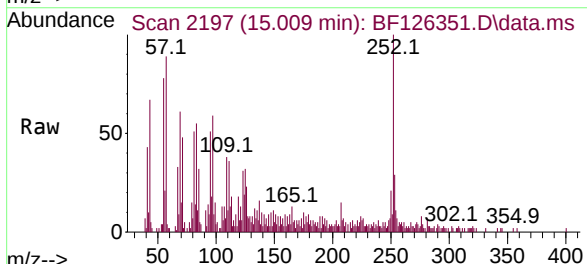
Instrument :
BNA_F
ClientSampleId :
TR-05-122121

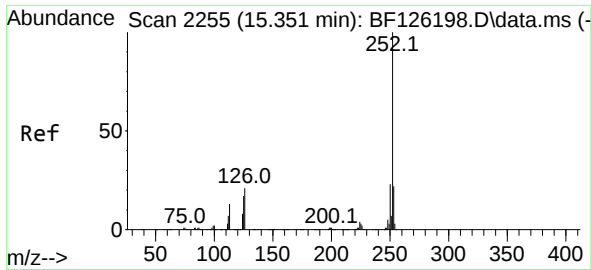
Tgt Ion:252 Resp: 36257
Ion Ratio Lower Upper
252 100
253 28.7 16.8 25.2#
125 31.6 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 4.283 ng
RT: 15.009 min Scan# 2197
Delta R.T. -0.024 min
Lab File: BF126351.D
Acq: 23 Dec 2021 18:46

Tgt Ion:252 Resp: 36257
Ion Ratio Lower Upper
252 100
253 28.7 17.8 26.8#
125 31.6 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 2.796 ng

RT: 15.368 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF126351.D

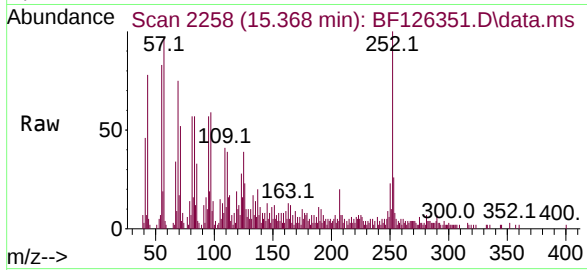
Acq: 23 Dec 2021 18:46

Instrument :

BNA_F

ClientSampleId :

TR-05-122121



Tgt Ion:252 Resp: 20564

Ion Ratio Lower Upper

252 100

253 25.7 18.4 27.6

125 39.1 9.9 14.9#

