

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136319.D
 Acq On : 30 Nov 2023 18:05
 Operator : CG\JU
 Sample : 05556-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:09:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

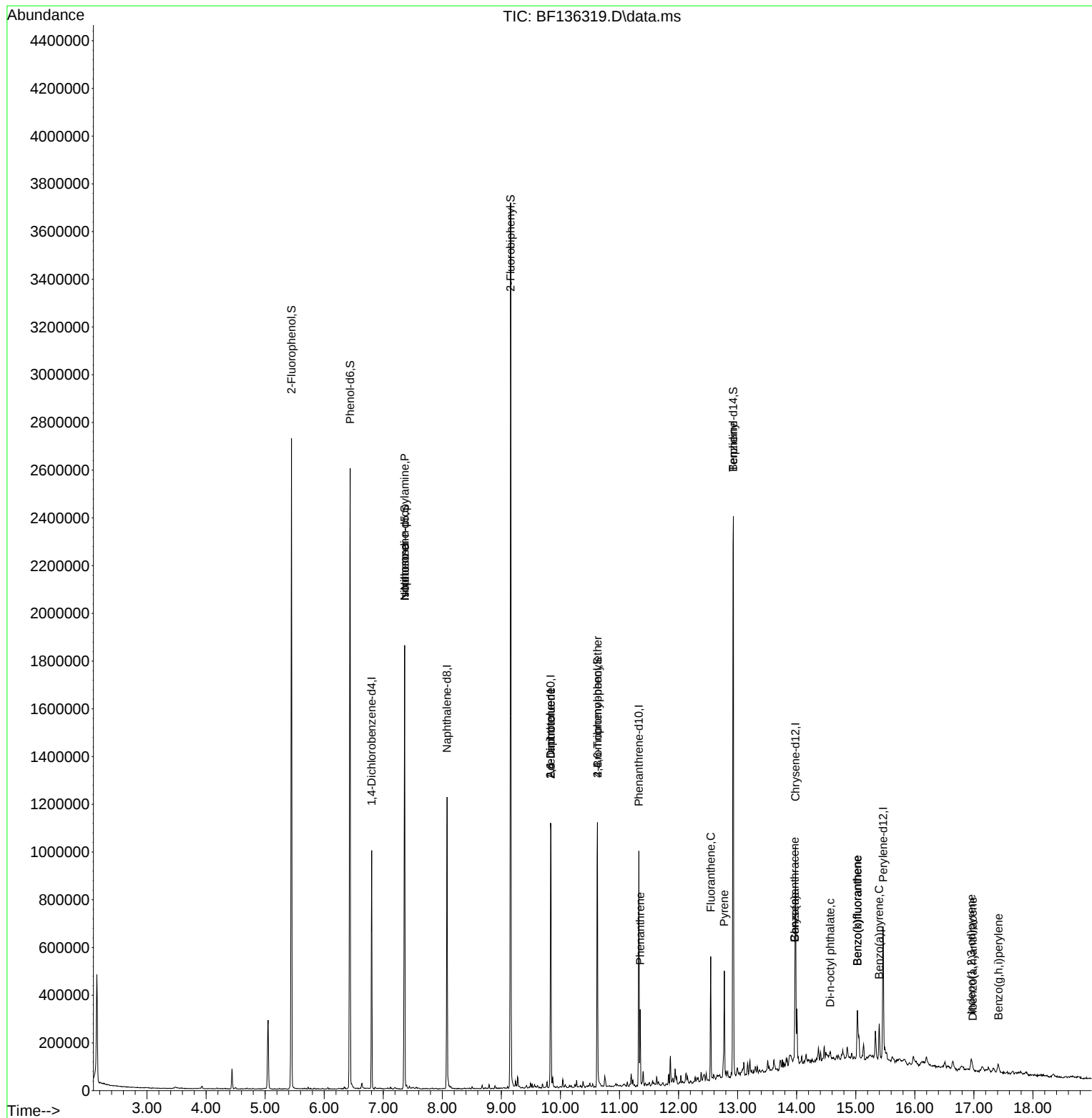
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	131948	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	517775	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	234068	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	333448	20.000	ng	0.00
76) Chrysene-d12	13.980	240	256252	20.000	ng	-0.01
86) Perylene-d12	15.462	264	267189	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	723150	76.281	ng	0.00
7) Phenol-d6	6.439	99	941471	79.425	ng	0.00
23) Nitrobenzene-d5	7.363	82	584622	59.666	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	144367	50.448	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1171187	63.911	ng	-0.01
79) Terphenyl-d14	12.927	244	879824	39.604	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	77507	10.933	ng	# 74
25) Isophorone	7.363	82	583253	33.012	ng	# 68
51) 2,6-Dinitrotoluene	9.833	165	29932	8.282	ng	# 24
57) 2,4-Dinitrotoluene	9.833	165	29932	6.200	ng	# 27
67) 4-Bromophenyl-phenylether	10.627	248	8394	2.158	ng	# 1
71) Phenanthrene	11.351	178	106218	5.668	ng	95
75) Fluoranthene	12.545	202	189317	9.951	ng	94
77) Benzidine	12.927	184	10580	2.512	ng	# 93
78) Pyrene	12.774	202	171731	6.119	ng	95
81) Benzo(a)anthracene	13.968	228	91685	4.817	ng	97
83) Chrysene	13.968	228	91685	4.989	ng	93
85) Di-n-octyl phthalate	14.568	149	1401	5.236	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.956	276	34972	4.332	ng	96
88) Benzo(b)fluoranthene	15.027	252	152656	8.144	ng	95
89) Benzo(k)fluoranthene	15.027	252	152656	8.574	ng	94
90) Benzo(a)pyrene	15.398	252	73493	4.796	ng	96
91) Dibenzo(a,h)anthracene	16.980	278	11095	3.366	ng	# 85
92) Benzo(g,h,i)perylene	17.415	276	31318	3.771	ng	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136319.D
Acq On : 30 Nov 2023 18:05
Operator : CG\JU
Sample : 05556-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

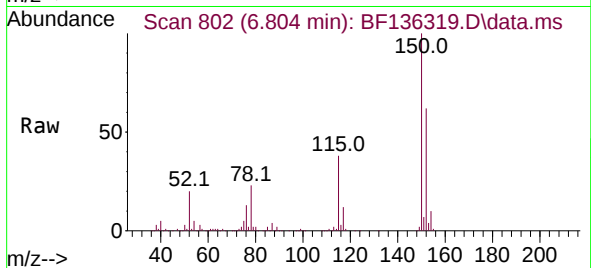
Quant Time: Dec 01 00:09:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration



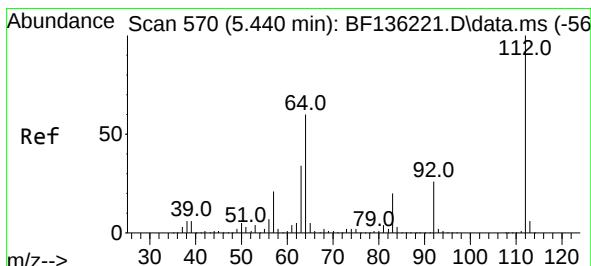
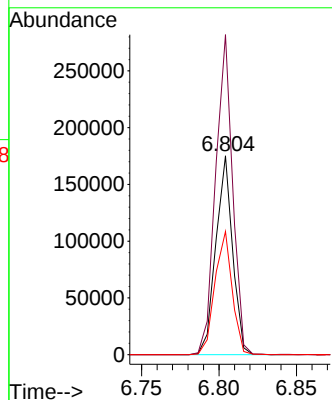
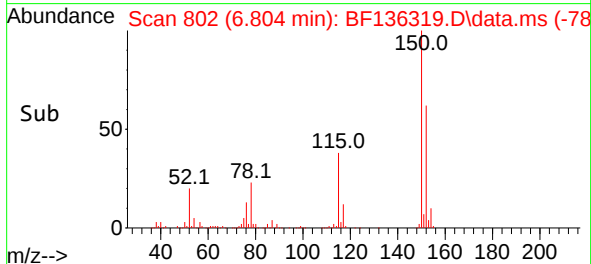


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

Instrument :
BNA_F
ClientSampleId :

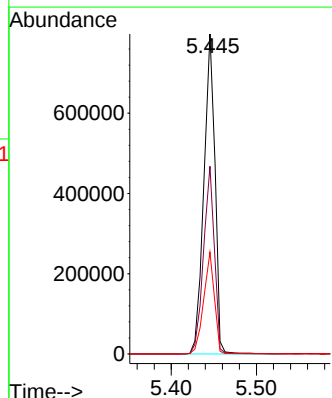
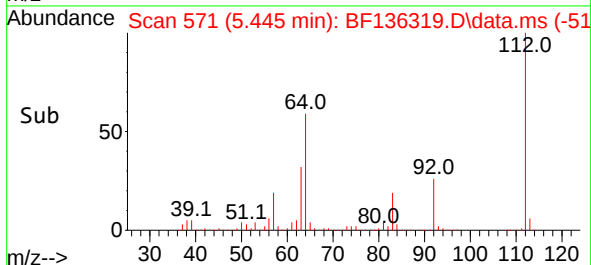
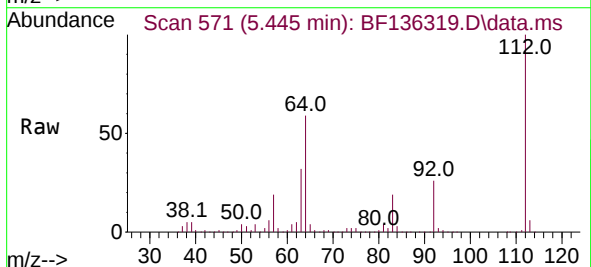


Tgt Ion:152 Resp: 131948
Ion Ratio Lower Upper
152 100
150 160.9 137.8 206.8
115 62.0 52.7 79.1



#5
2-Fluorophenol
Concen: 76.281 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

Tgt Ion:112 Resp: 723150
Ion Ratio Lower Upper
112 100
64 58.6 48.2 72.4
63 31.8 27.0 40.6

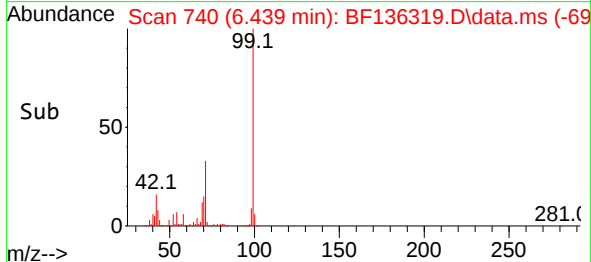
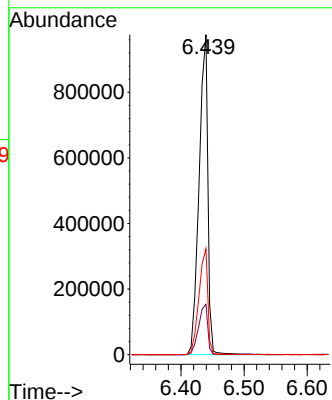
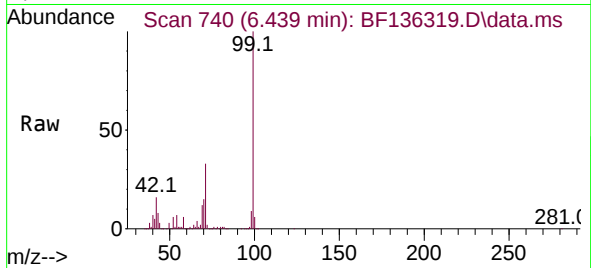




#7
Phenol-d6
Concen: 79.425 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

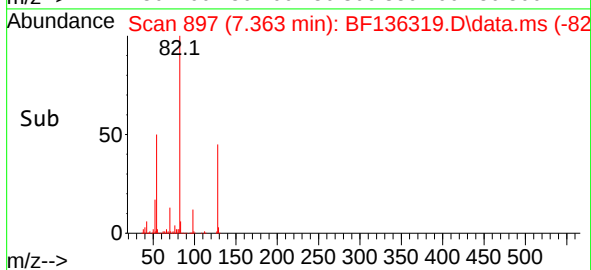
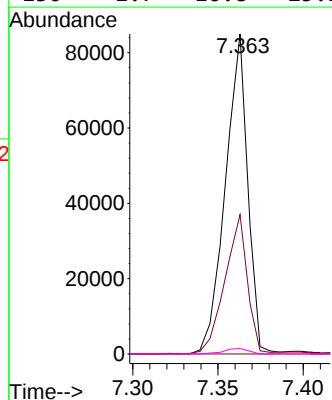
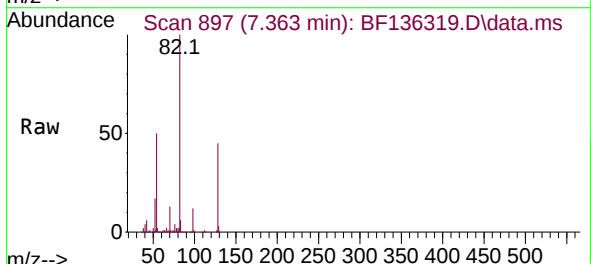
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 941471
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.6
71 33.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.933 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

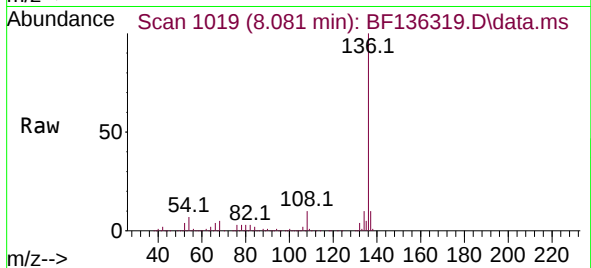
Tgt Ion: 70 Resp: 77507
Ion Ratio Lower Upper
70 100
42 43.6 47.0 70.4#
101 0.0 7.8 11.8#
130 1.7 16.8 25.2#



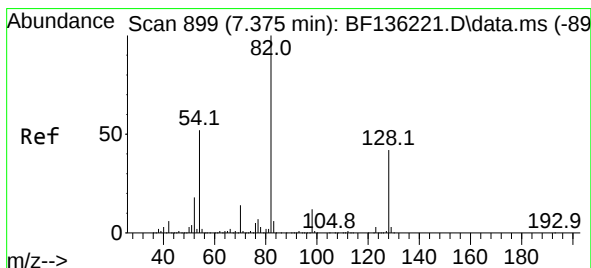
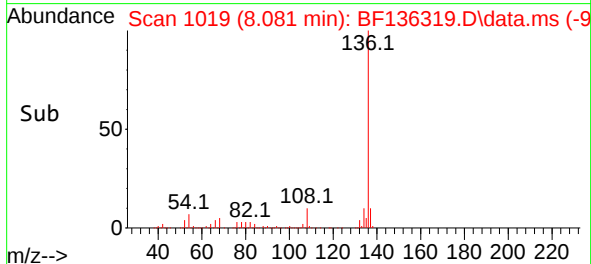
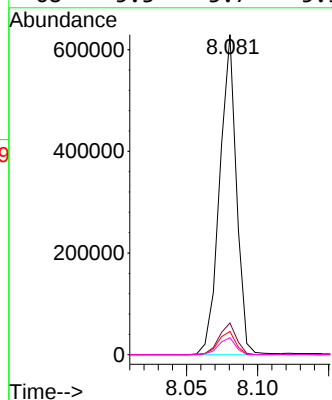


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

Instrument :
BNA_F
ClientSampleId :

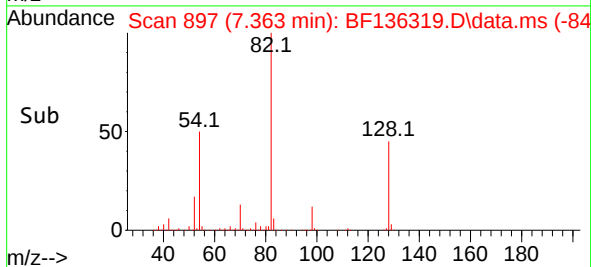
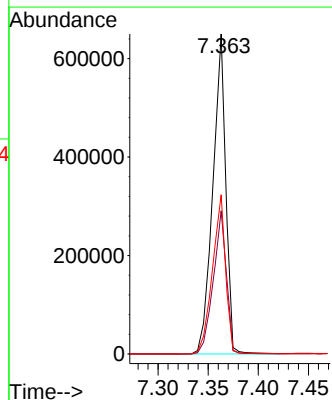
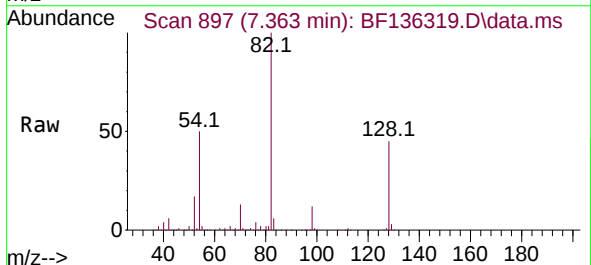


Tgt Ion:136 Resp: 517775
Ion Ratio Lower Upper
136 100
137 9.9 7.4 11.2
54 7.3 5.5 8.3
68 5.3 3.7 5.5



#23
Nitrobenzene-d5
Concen: 59.666 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

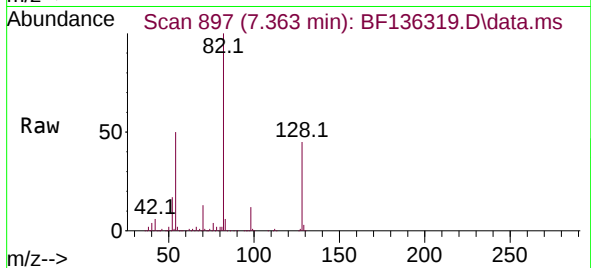
Tgt Ion: 82 Resp: 584622
Ion Ratio Lower Upper
82 100
128 44.7 33.4 50.2
54 49.8 41.7 62.5



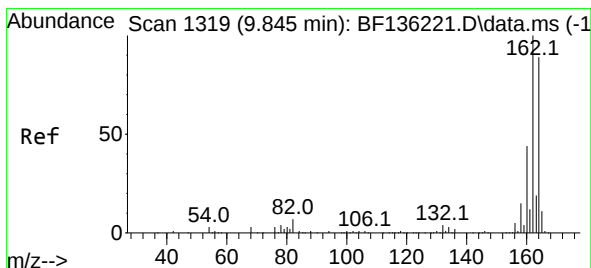
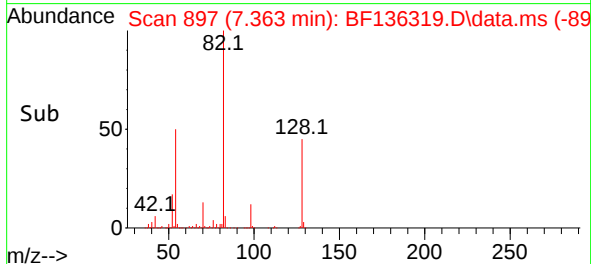
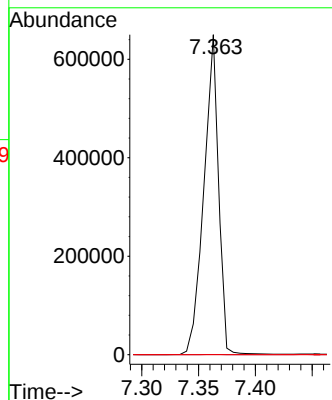


#25
Isophorone
Concen: 33.012 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

Instrument :
BNA_F
ClientSampleId :

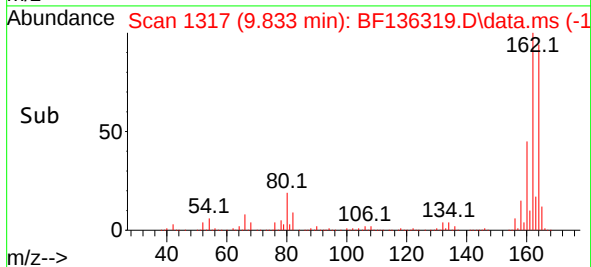
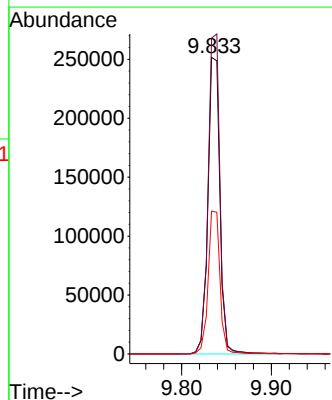
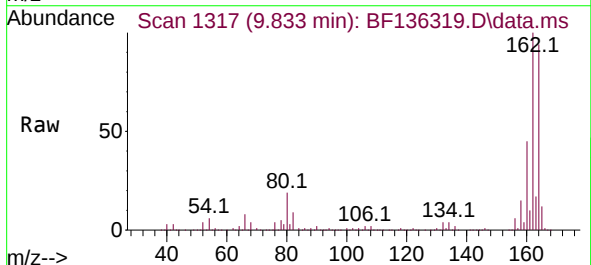


Tgt Ion: 82 Resp: 583253
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

Tgt Ion:164 Resp: 234068
Ion Ratio Lower Upper
164 100
162 106.5 89.5 134.3
160 48.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 50.448 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

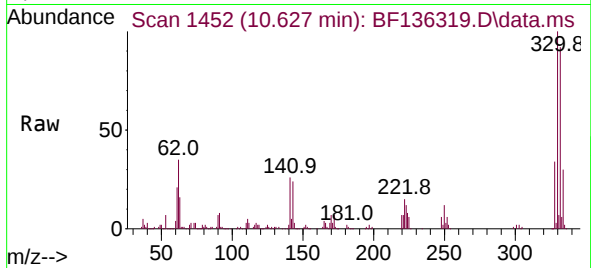
Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

Instrument :

BNA_F

ClientSampleId :



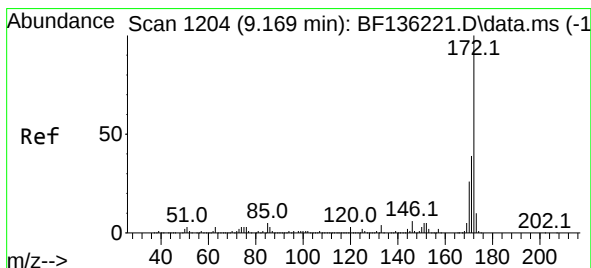
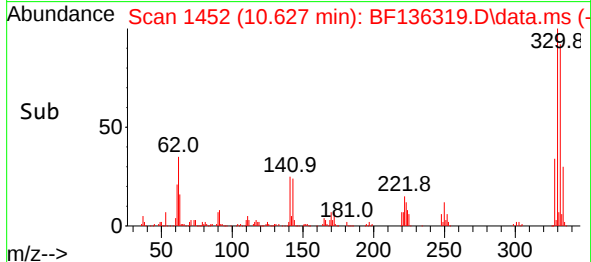
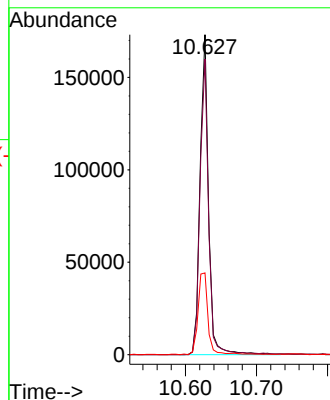
Tgt Ion:330 Resp: 144367

Ion Ratio Lower Upper

330 100

332 94.0 73.0 109.6

141 30.4 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 63.911 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

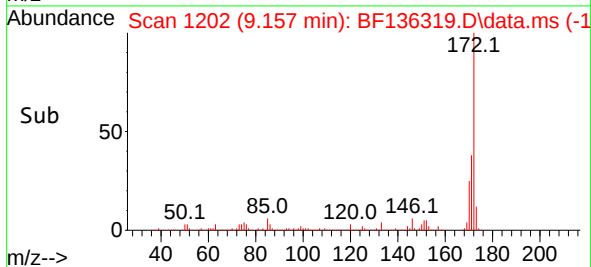
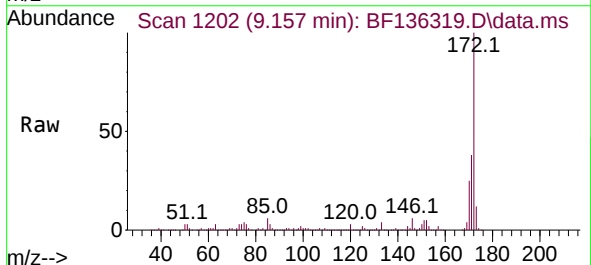
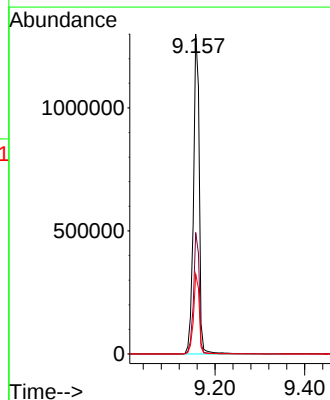
Tgt Ion:172 Resp: 1171187

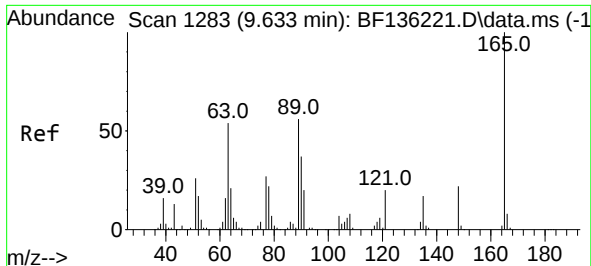
Ion Ratio Lower Upper

172 100

171 38.0 31.5 47.3

170 24.9 20.8 31.2





#51

2,6-Dinitrotoluene

Concen: 8.282 ng

RT: 9.833 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

Instrument :

BNA_F

ClientSampleId :

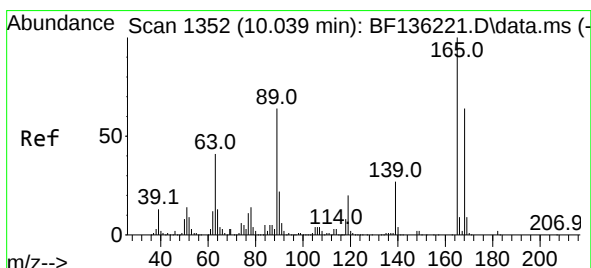
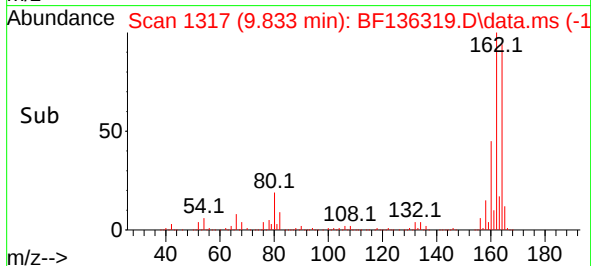
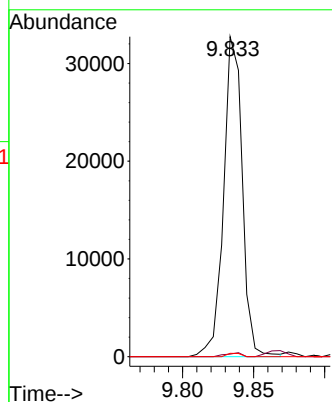
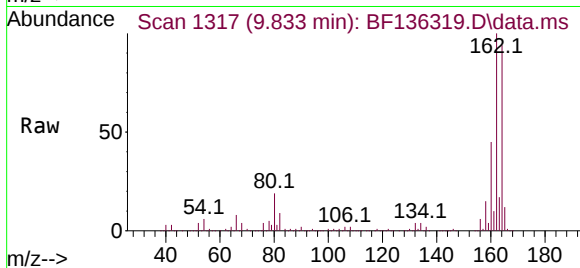
Tgt Ion:165 Resp: 29932

Ion Ratio Lower Upper

165 100

63 0.8 46.2 69.2#

89 1.0 44.9 67.3#



#57

2,4-Dinitrotoluene

Concen: 6.200 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.206 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

Tgt Ion:165 Resp: 29932

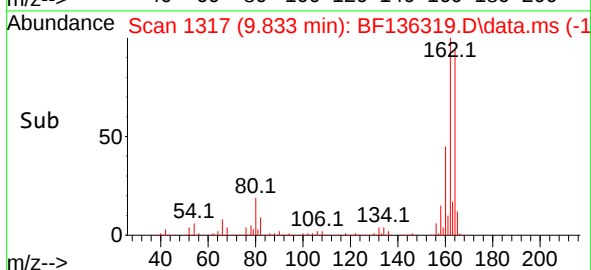
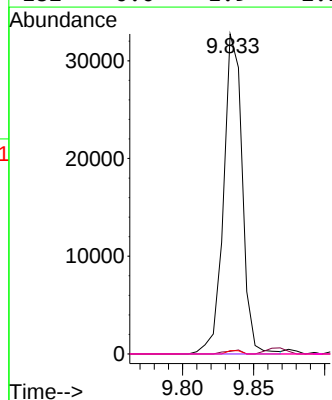
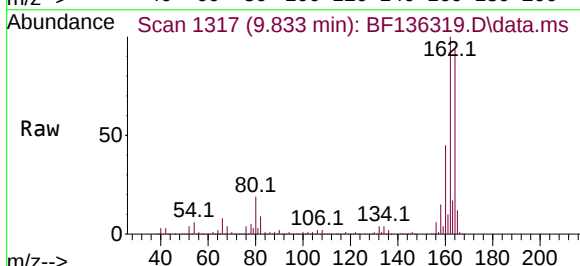
Ion Ratio Lower Upper

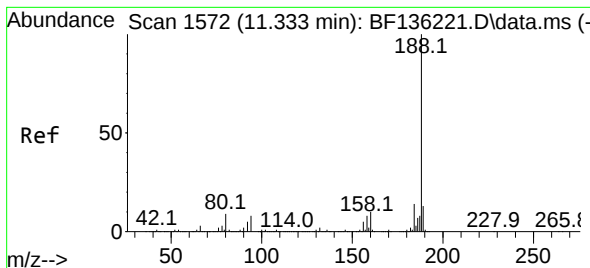
165 100

63 0.8 33.0 49.4#

89 1.0 51.5 77.3#

182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

Instrument :

BNA_F

ClientSampleId :

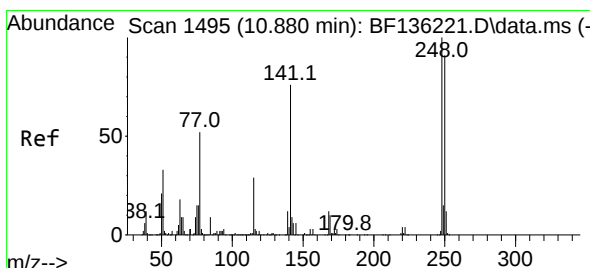
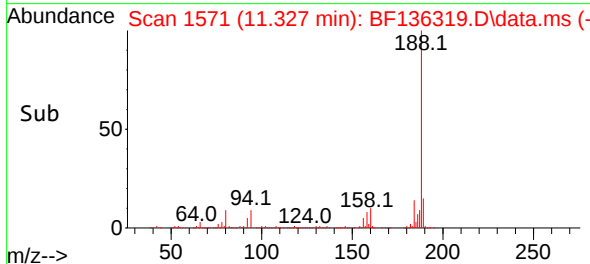
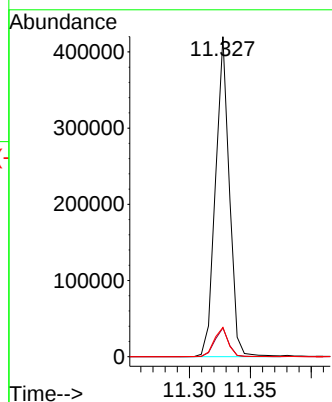
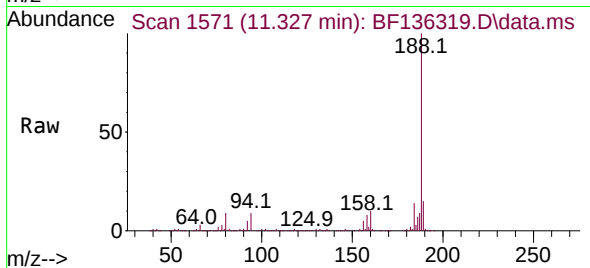
Tgt Ion:188 Resp: 333448

Ion Ratio Lower Upper

188 100

94 9.0 6.7 10.1

80 9.1 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 2.158 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.253 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

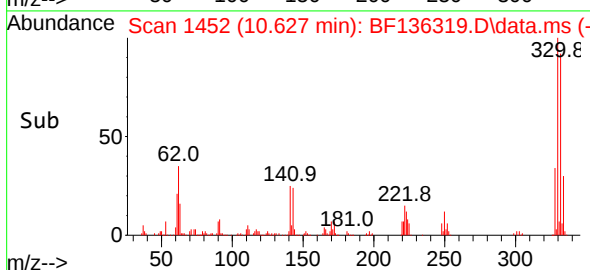
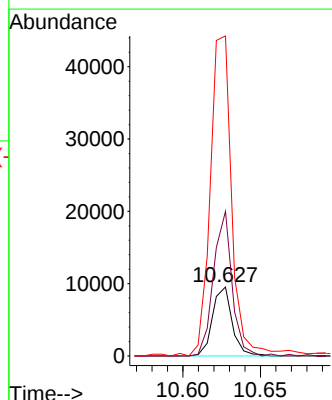
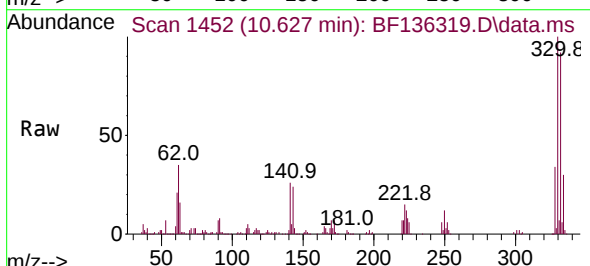
Tgt Ion:248 Resp: 8394

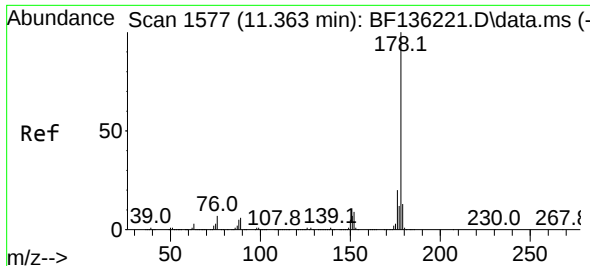
Ion Ratio Lower Upper

248 100

250 209.7 72.5 108.7#

141 463.9 60.8 91.2#

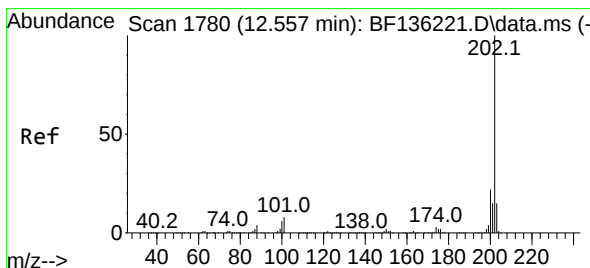
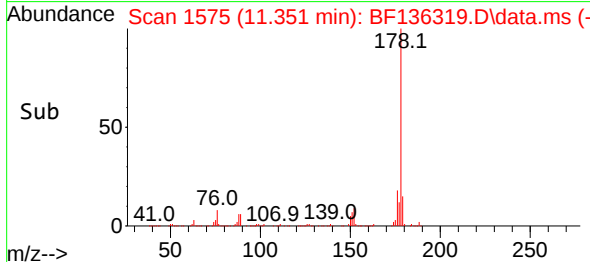
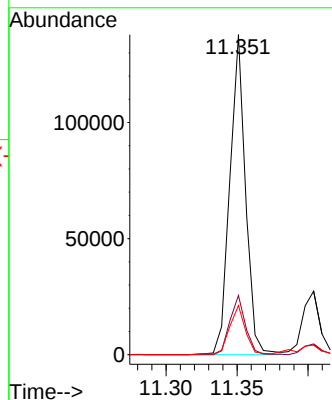
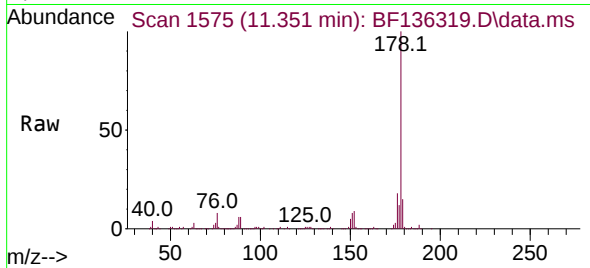




#71
Phenanthrene
Concen: 5.668 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

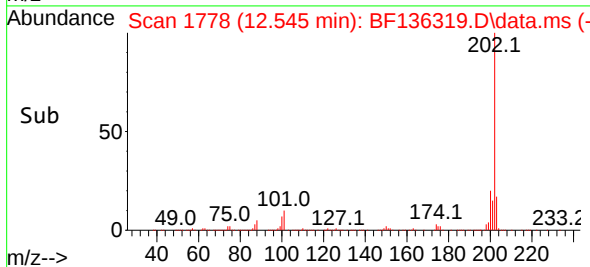
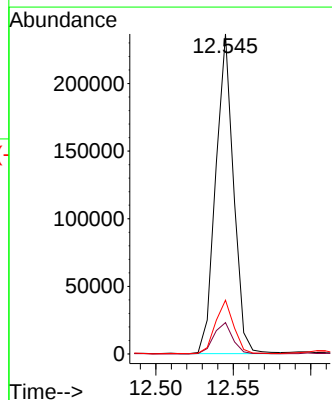
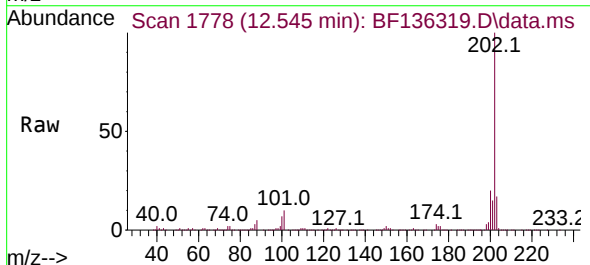
Instrument :
BNA_F
ClientSampleId :

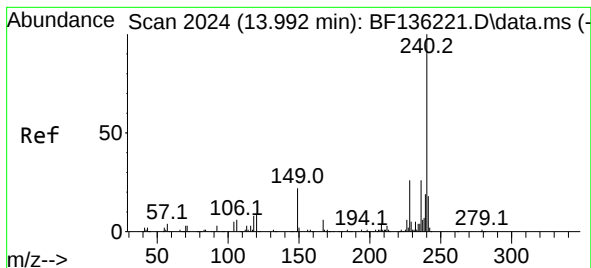
Tgt Ion:178 Resp: 106218
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.2
179 15.4 10.3 15.5



#75
Fluoranthene
Concen: 9.951 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

Tgt Ion:202 Resp: 189317
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.8
203 16.8 0.0 34.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

Instrument :

BNA_F

ClientSampleId :

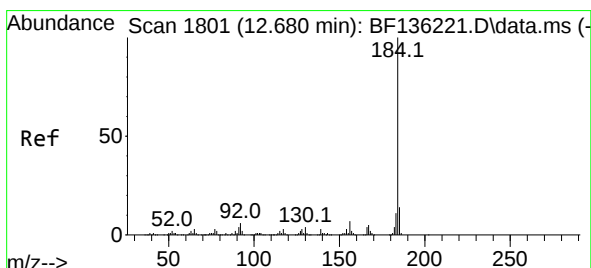
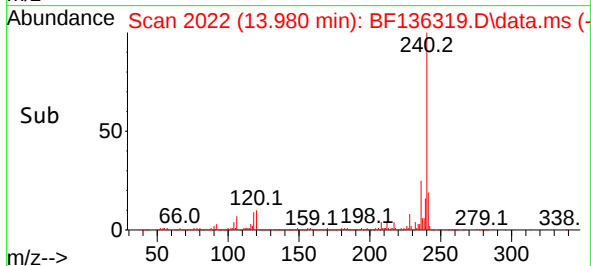
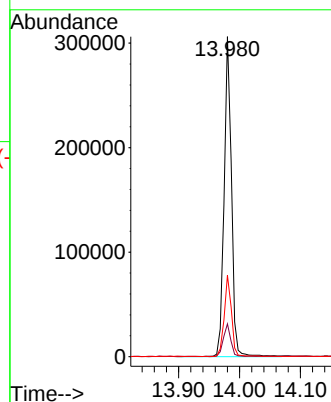
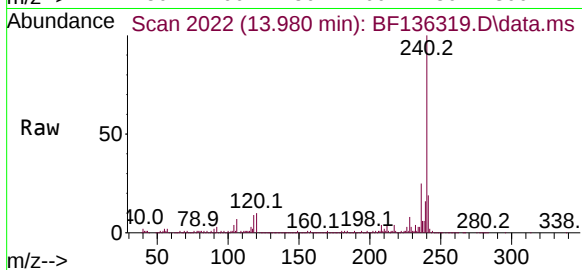
Tgt Ion:240 Resp: 256252

Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.2

236 25.5 21.1 31.7



#77

Benzdine

Concen: 2.512 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.247 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

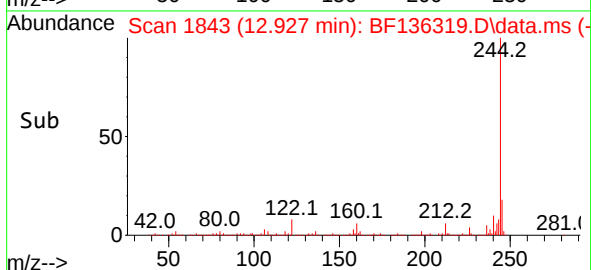
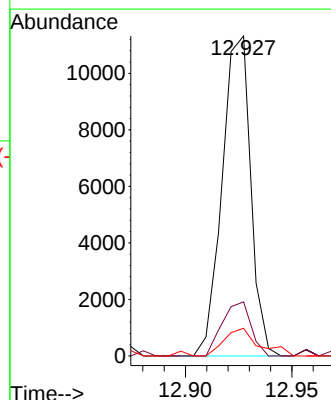
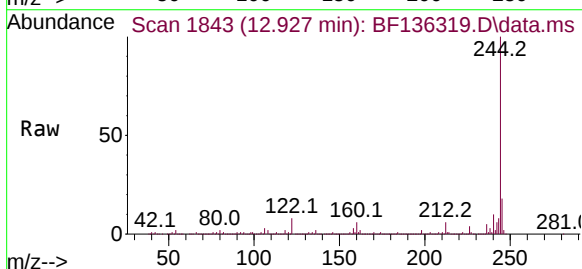
Tgt Ion:184 Resp: 10580

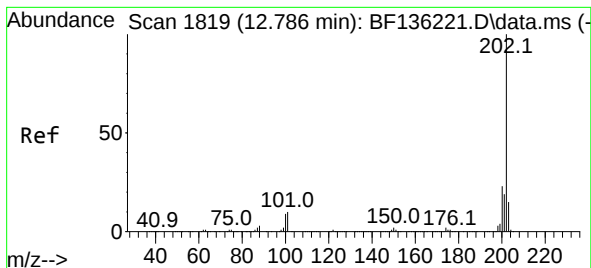
Ion Ratio Lower Upper

184 100

185 16.9 11.0 16.6#

183 8.7 9.0 13.4#





#78

Pyrene

Concen: 6.119 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.012 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

Instrument :

BNA_F

ClientSampleId :

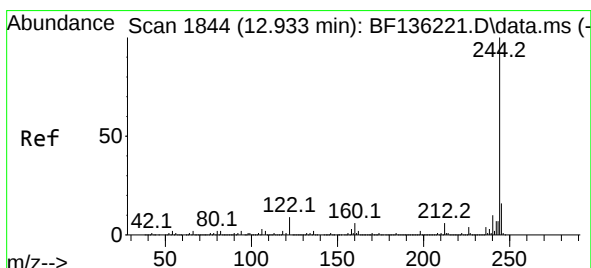
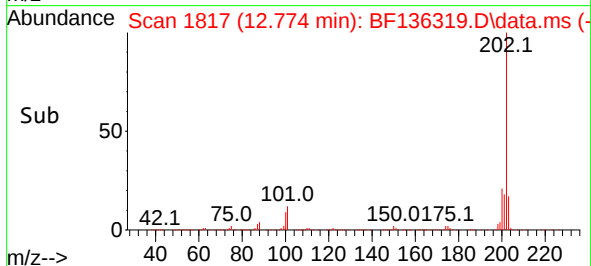
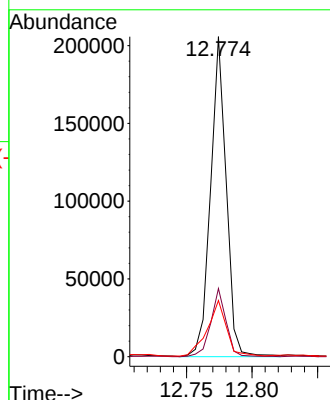
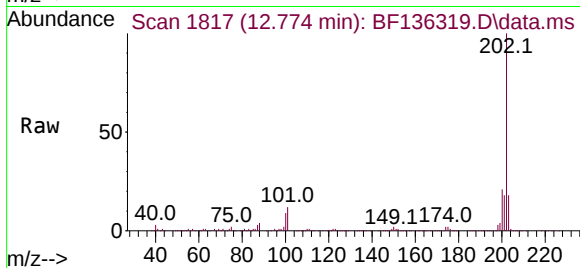
Tgt Ion:202 Resp: 171731

Ion Ratio Lower Upper

202 100

200 21.3 18.4 27.6

203 17.5 11.8 17.6



#79

Terphenyl-d14

Concen: 39.604 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

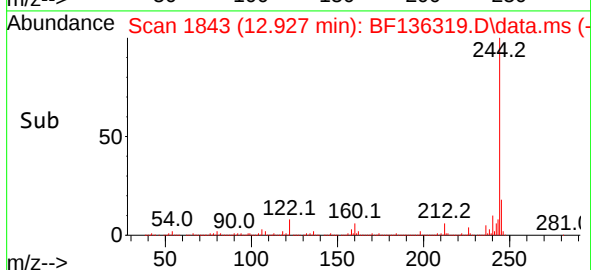
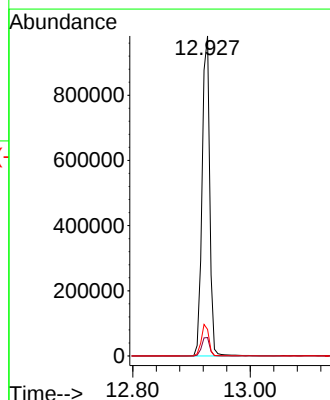
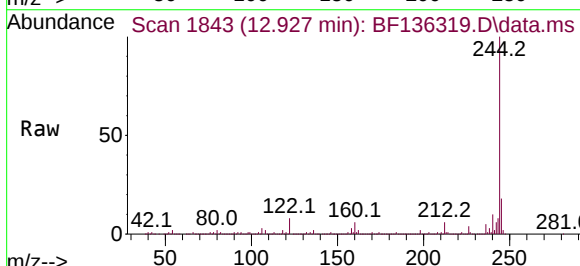
Tgt Ion:244 Resp: 879824

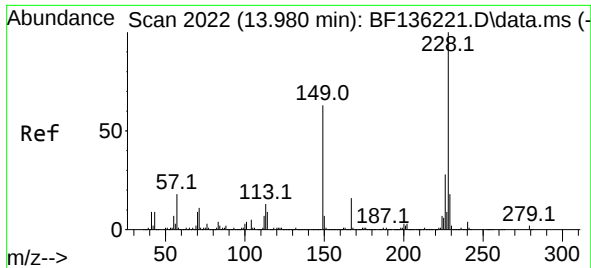
Ion Ratio Lower Upper

244 100

212 5.7 4.6 7.0

122 8.3 7.3 10.9

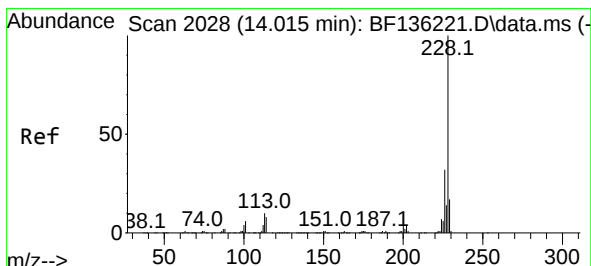
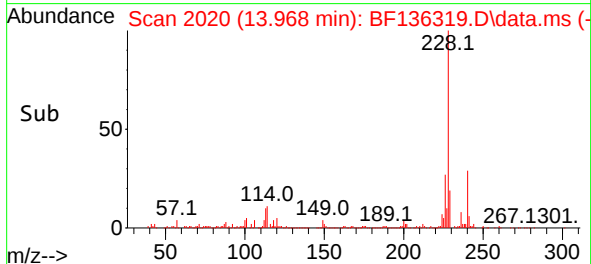
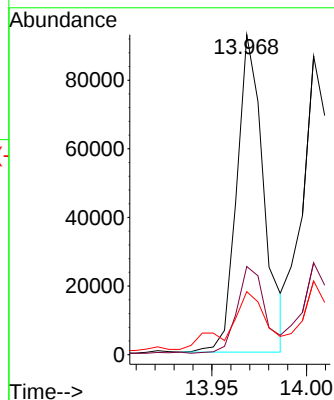
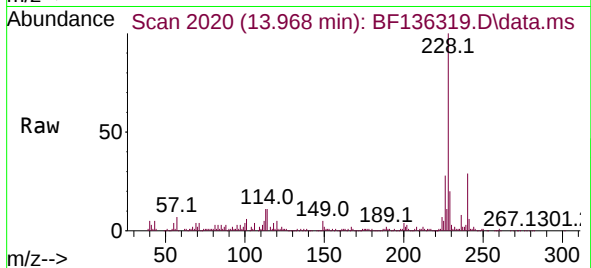




#81
Benzo(a)anthracene
Concen: 4.817 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

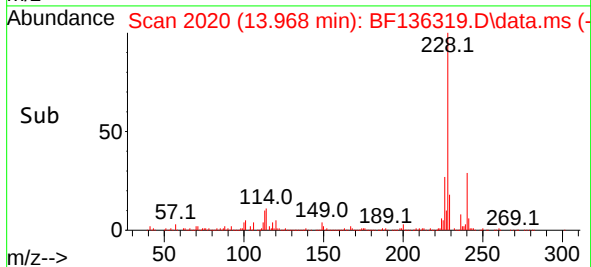
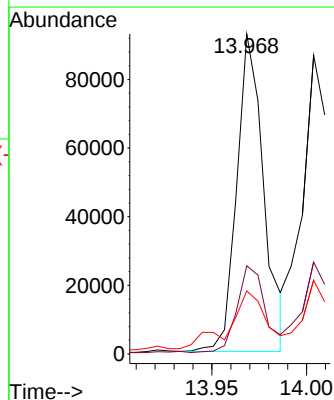
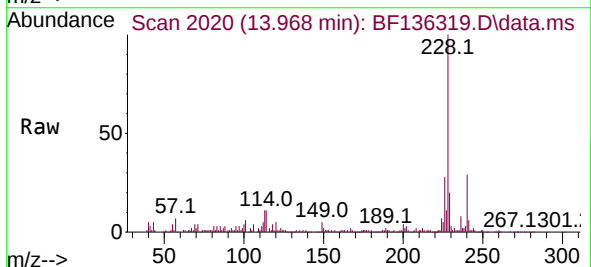
Instrument :
BNA_F
ClientSampleId :

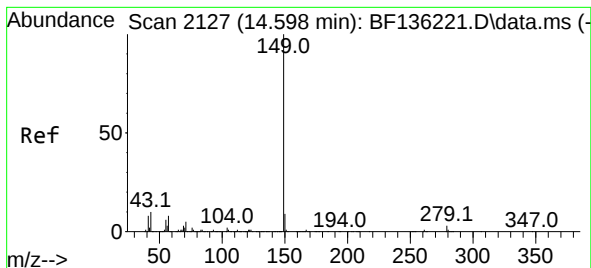
Tgt Ion:228 Resp: 91685
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 19.7 14.0 21.0



#83
Chrysene
Concen: 4.989 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.047 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

Tgt Ion:228 Resp: 91685
Ion Ratio Lower Upper
228 100
226 27.5 25.5 38.3
229 19.7 13.9 20.9





#85

Di-n-octyl phthalate

Concen: 5.236 ng

RT: 14.568 min Scan# 2127

Delta R.T. -0.030 min

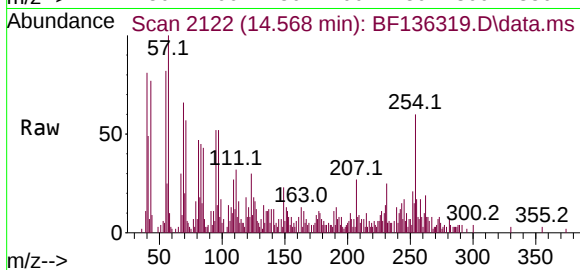
Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

Instrument :

BNA_F

ClientSampleId :



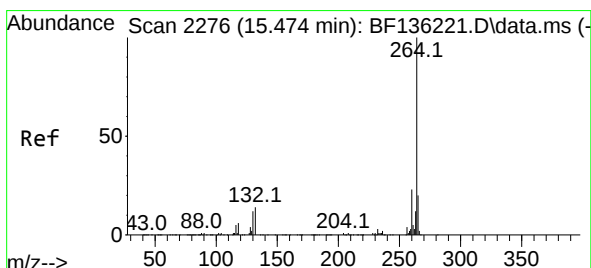
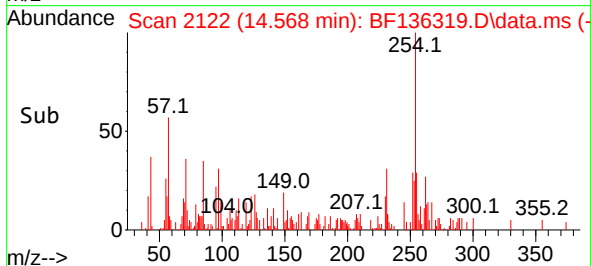
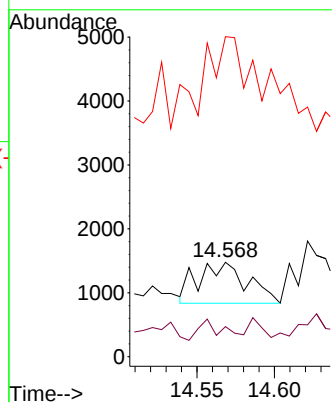
Tgt Ion:149 Resp: 1401

Ion Ratio Lower Upper

149 100

167 23.4 1.0 1.6#

43 117.8 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

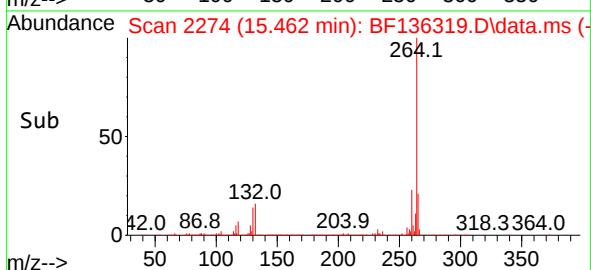
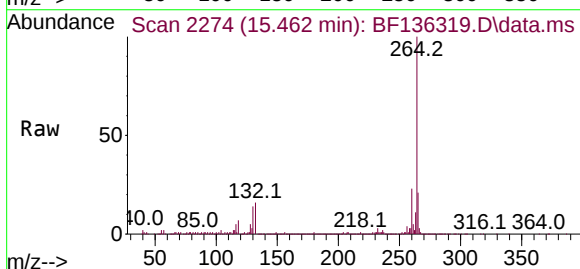
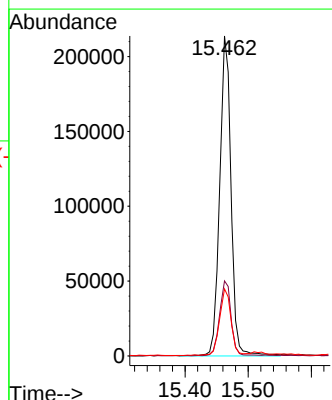
Tgt Ion:264 Resp: 267189

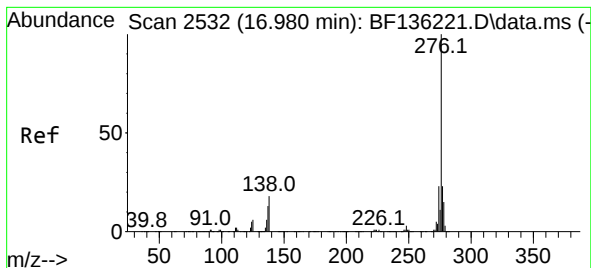
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 20.9 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.332 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF136319.D

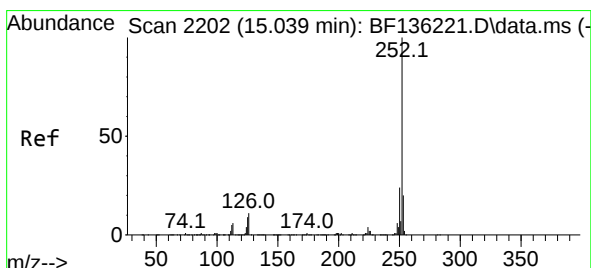
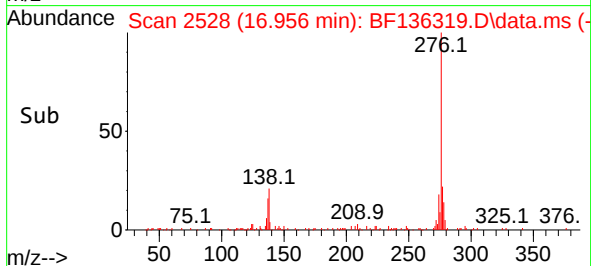
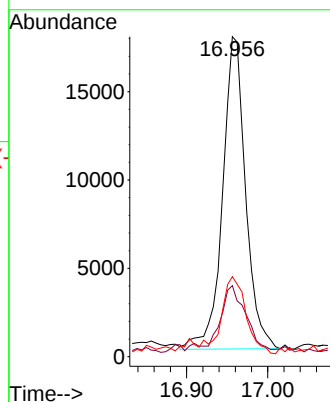
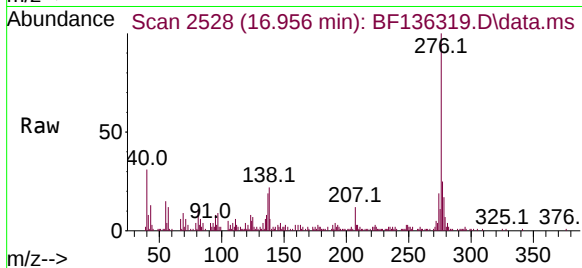
Acq: 30 Nov 2023 18:05

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	276	Resp:	34972
Ion Ratio	Lower	Upper	
276	100		
138	23.5	17.7	26.5
277	26.5	19.6	29.4



#88

Benzo(b)fluoranthene

Concen: 8.144 ng

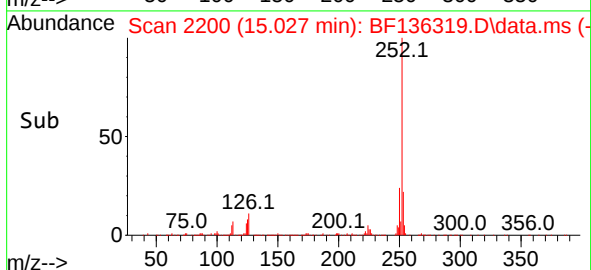
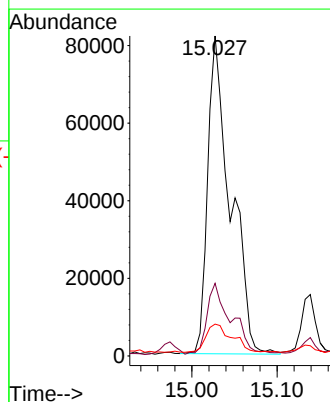
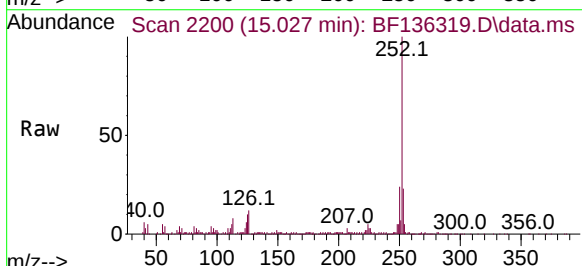
RT: 15.027 min Scan# 2200

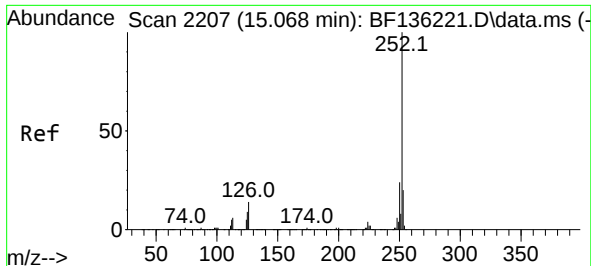
Delta R.T. -0.012 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

Tgt Ion:	252	Resp:	152656
Ion Ratio	Lower	Upper	
252	100		
253	22.7	16.2	24.2
125	10.0	6.9	10.3





#89

Benzo(k)fluoranthene

Concen: 8.574 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

Instrument :

BNA_F

ClientSampleId :

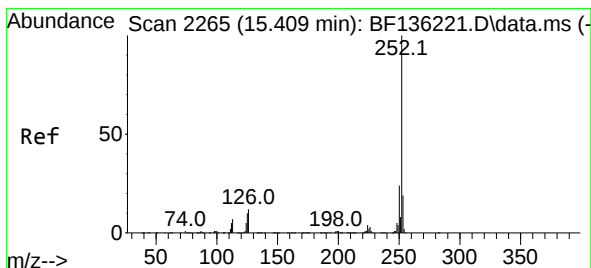
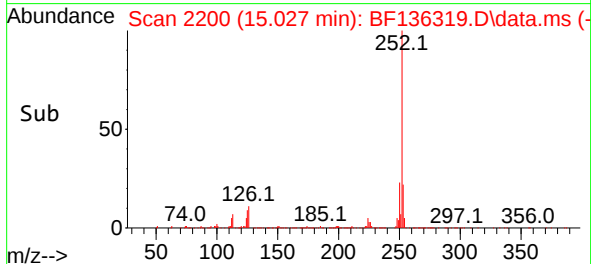
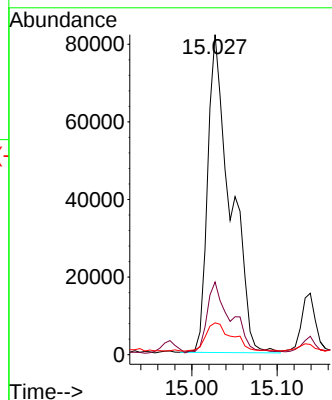
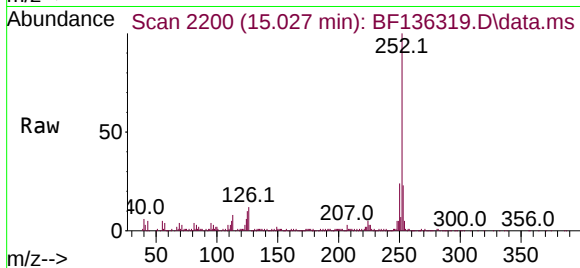
Tgt Ion:252 Resp: 152656

Ion Ratio Lower Upper

252 100

253 22.7 15.6 23.4

125 10.0 7.0 10.4



#90

Benzo(a)pyrene

Concen: 4.796 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.011 min

Lab File: BF136319.D

Acq: 30 Nov 2023 18:05

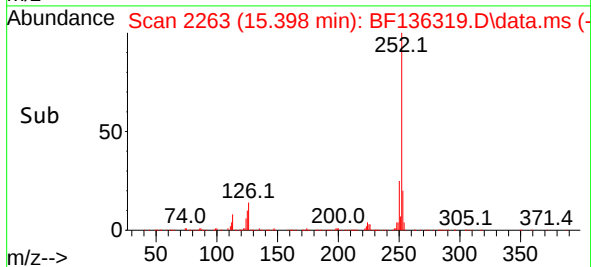
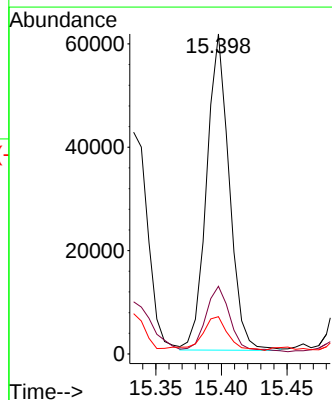
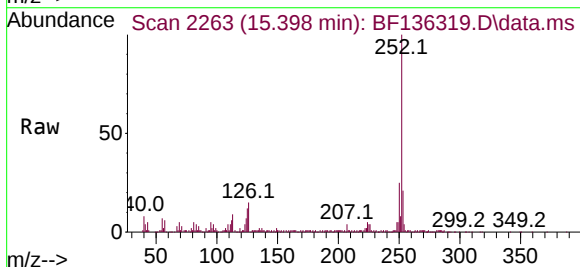
Tgt Ion:252 Resp: 73493

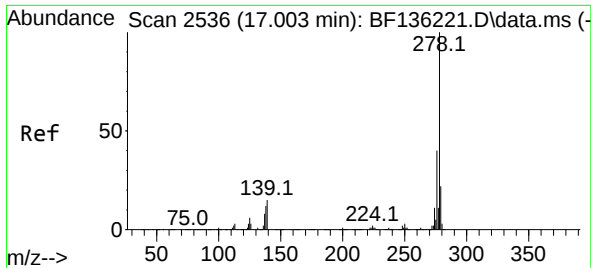
Ion Ratio Lower Upper

252 100

253 21.2 15.5 23.3

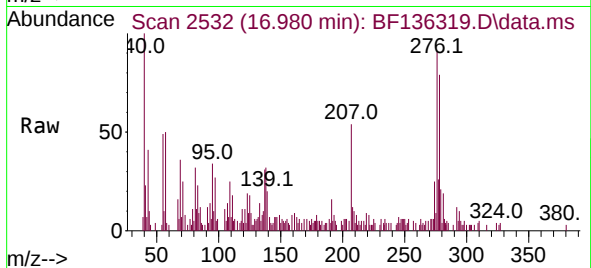
125 11.7 7.9 11.9



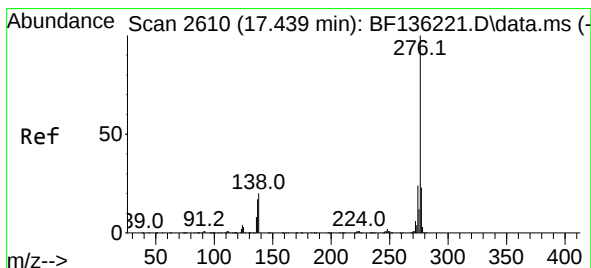
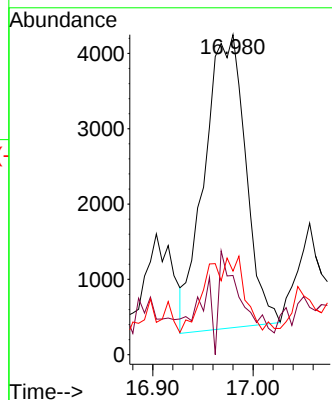
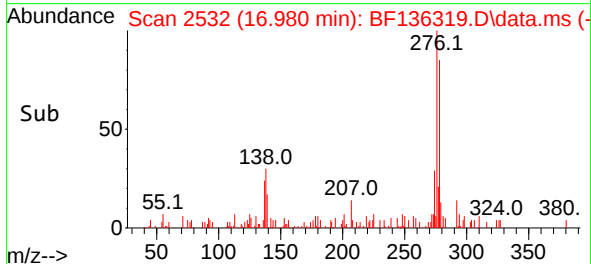


#91
Dibenzo(a,h)anthracene
Concen: 3.366 ng
RT: 16.980 min Scan# 210
Delta R.T. -0.023 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 11095
Ion Ratio Lower Upper
278 100
139 24.8 11.7 17.5#
279 26.1 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 3.771 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.024 min
Lab File: BF136319.D
Acq: 30 Nov 2023 18:05

Tgt Ion:276 Resp: 31318
Ion Ratio Lower Upper
276 100
277 20.4 18.6 27.8
138 22.8 15.8 23.8

