

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136322.D
 Acq On : 30 Nov 2023 19:41
 Operator : CG\JU
 Sample : 05562-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:11:45 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

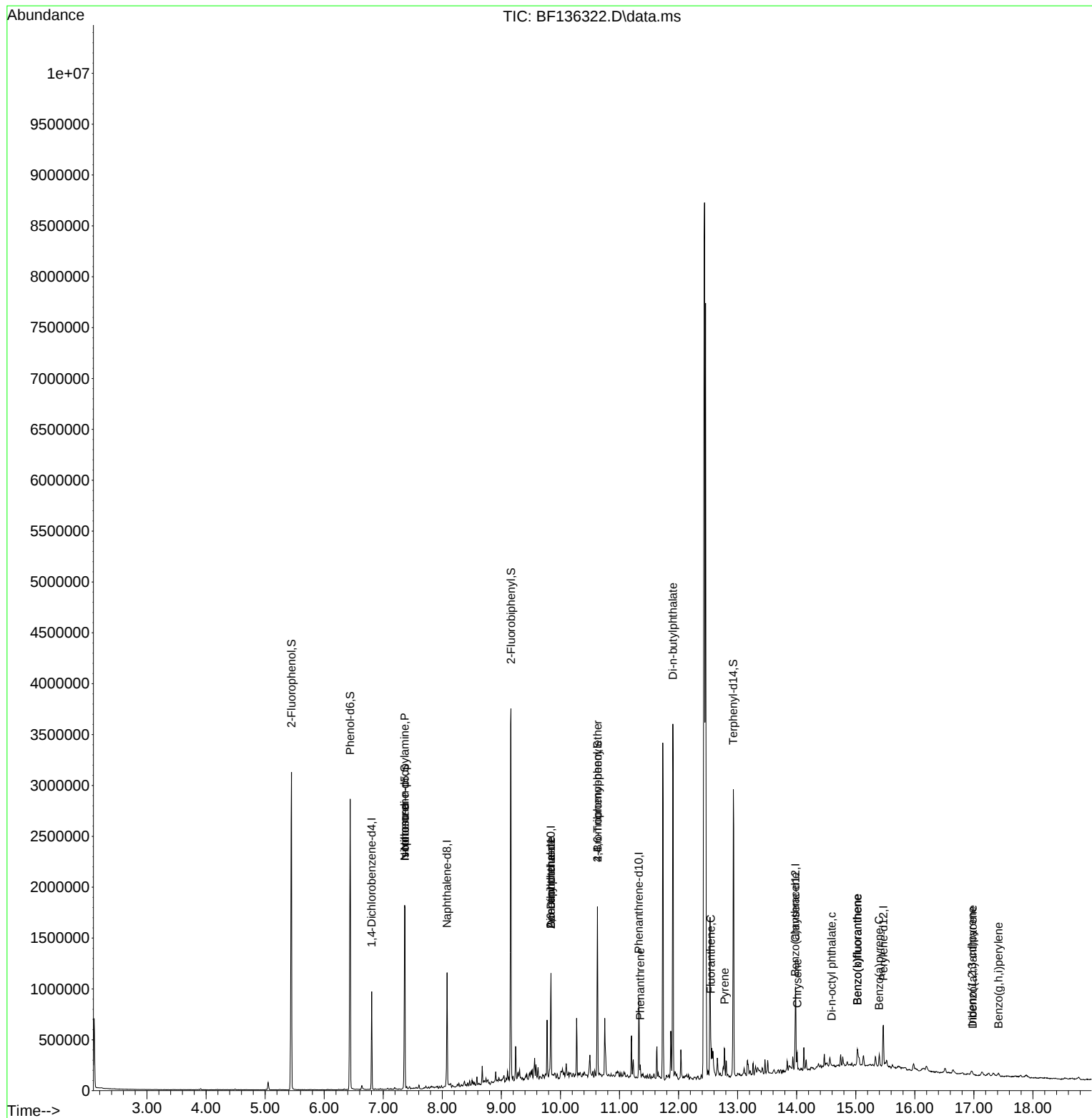
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	121517	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	453621	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	186657	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	272830	20.000	ng	0.00
76) Chrysene-d12	13.980	240	247832	20.000	ng	-0.01
86) Perylene-d12	15.468	264	203227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	881919	101.015	ng	0.00
7) Phenol-d6	6.439	99	1056654	96.794	ng	0.00
23) Nitrobenzene-d5	7.363	82	652726	76.037	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	197640	86.607	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1173244	80.286	ng	0.00
79) Terphenyl-d14	12.927	244	1046720	48.718	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	84252	12.904	ng	# 77
25) Isophorone	7.363	82	651260	42.075	ng	# 68
50) Dimethylphthalate	9.839	163	37840	2.682	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	25494	8.846	ng	# 25
67) 4-Bromophenyl-phenylether	10.627	248	11959	3.757	ng	# 1
71) Phenanthrene	11.351	178	40310	2.629	ng	# 94
74) Di-n-butylphthalate	11.904	149	1893927	115.735	ng	99
75) Fluoranthene	12.545	202	122863	7.893	ng	92
78) Pyrene	12.780	202	118200	4.355	ng	95
81) Benzo(a)anthracene	13.974	228	80330	4.364	ng	# 94
83) Chrysene	14.010	228	80439	4.526	ng	# 91
85) Di-n-octyl phthalate	14.592	149	1100	5.222	ng	# 65
87) Indeno(1,2,3-cd)pyrene	16.968	276	30239	4.559	ng	# 89
88) Benzo(b)fluoranthene	15.027	252	124540	8.735	ng	# 89
89) Benzo(k)fluoranthene	15.027	252	124540	9.197	ng	# 88
90) Benzo(a)pyrene	15.398	252	55025	4.721	ng	# 88
91) Dibenzo(a,h)anthracene	16.980	278	10408	3.519	ng	# 76
92) Benzo(g,h,i)perylene	17.415	276	26561	3.986	ng	93

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

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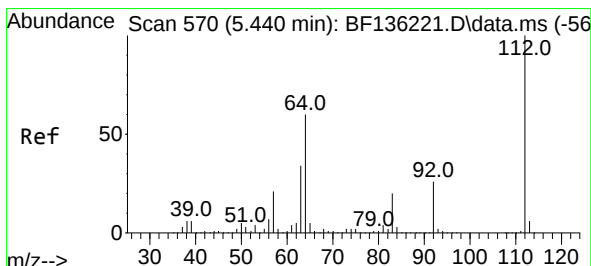
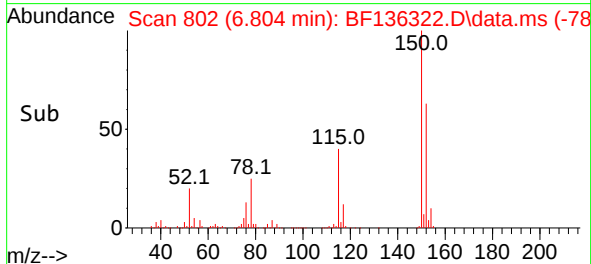
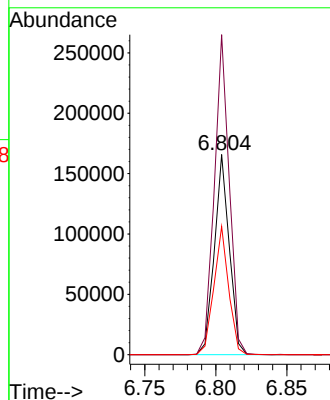
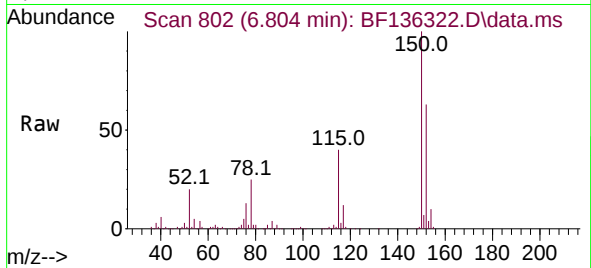




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

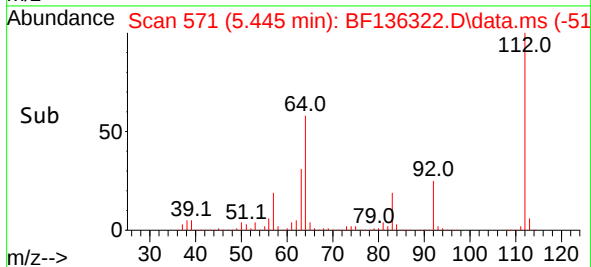
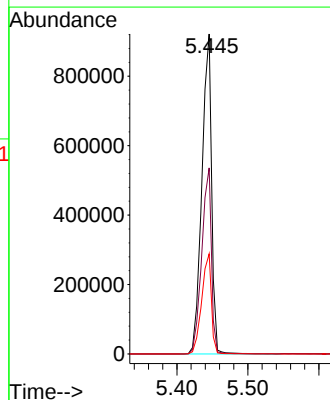
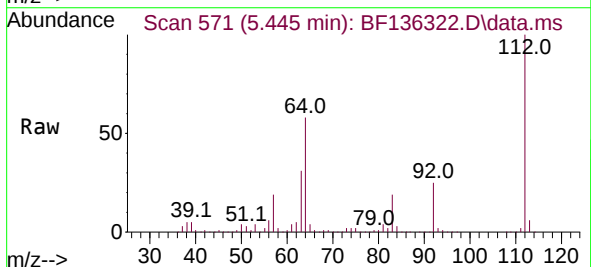
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121517
Ion Ratio Lower Upper
152 100
150 159.9 137.8 206.8
115 64.0 52.7 79.1



#5
2-Fluorophenol
Concen: 101.015 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

Tgt Ion:112 Resp: 881919
Ion Ratio Lower Upper
112 100
64 58.2 48.2 72.4
63 31.3 27.0 40.6

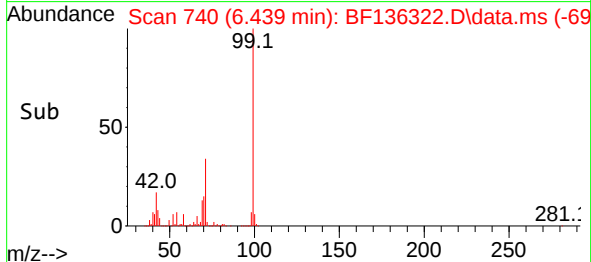
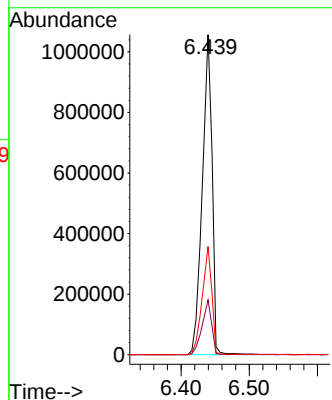
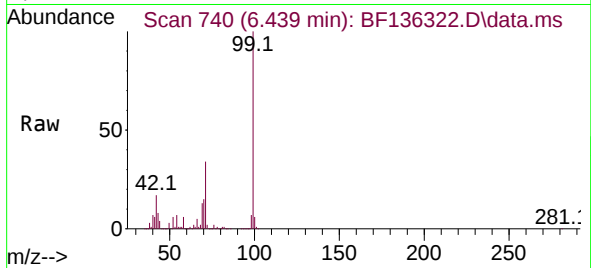




#7
Phenol-d6
Concen: 96.794 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

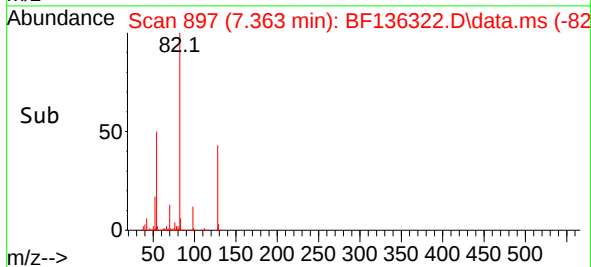
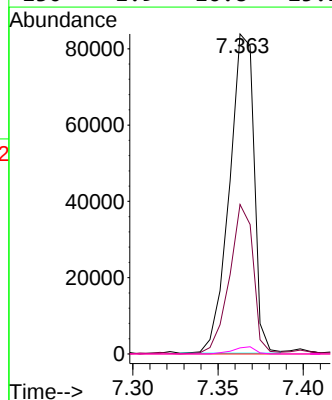
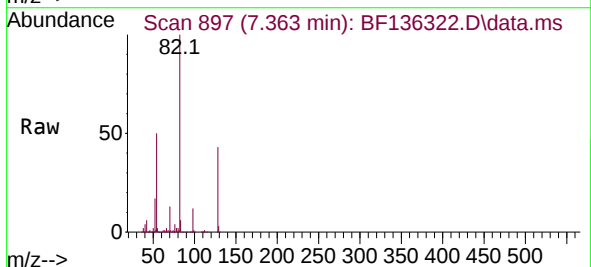
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1056654
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.6
71 33.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.904 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

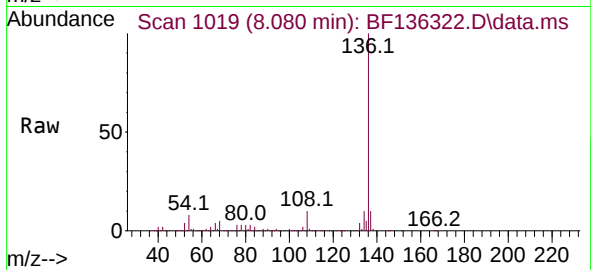
Tgt Ion: 70 Resp: 84252
Ion Ratio Lower Upper
70 100
42 46.7 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#



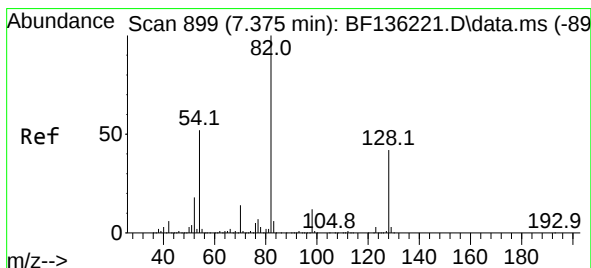
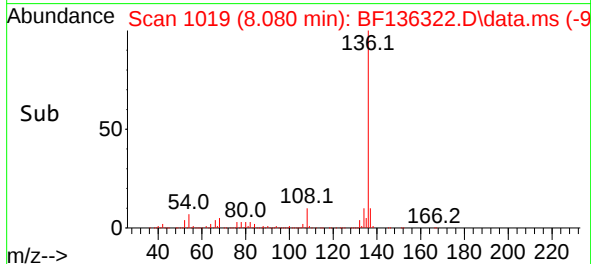
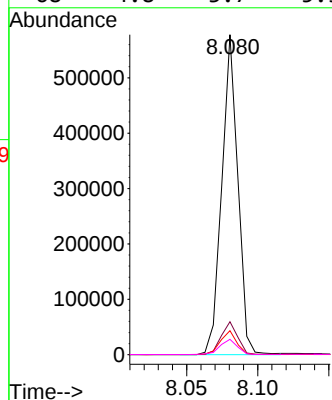


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

Instrument :
BNA_F
ClientSampleId :

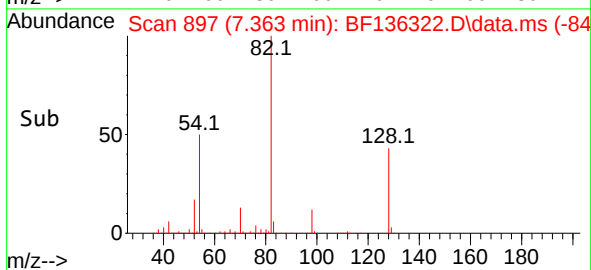
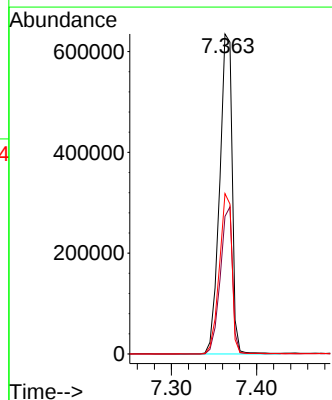
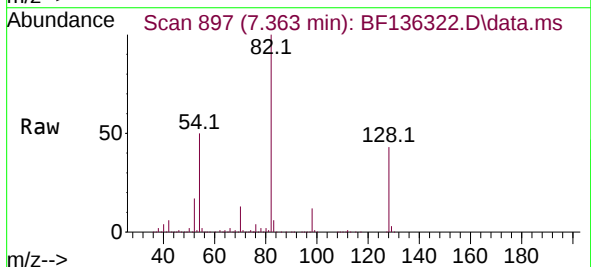


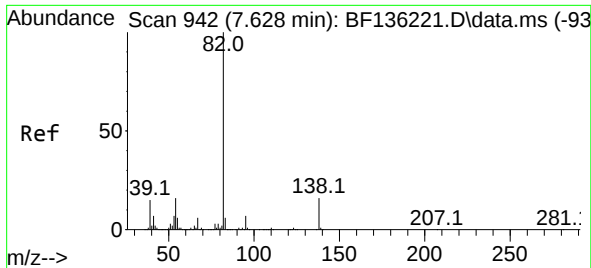
Tgt Ion:136 Resp: 453621
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.2
54 7.5 5.5 8.3
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 76.037 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

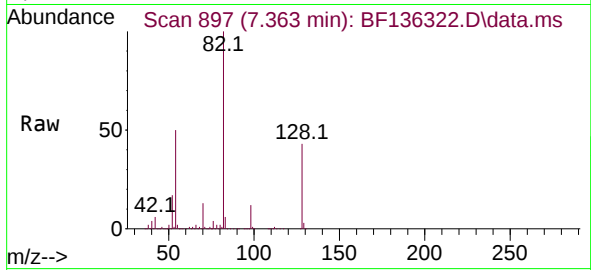
Tgt Ion: 82 Resp: 652726
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.2
54 50.1 41.7 62.5



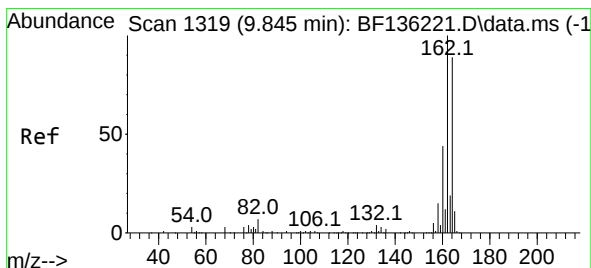
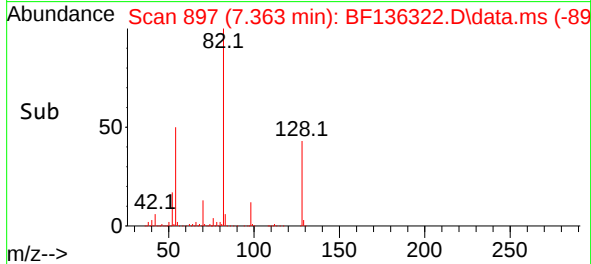
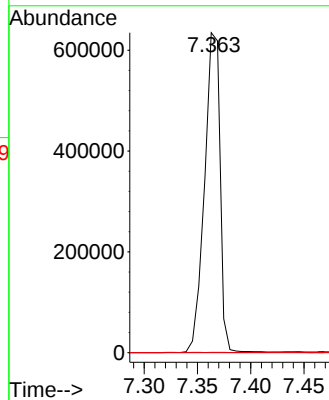


#25
Isophorone
Concen: 42.075 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

Instrument :
BNA_F
ClientSampleId :

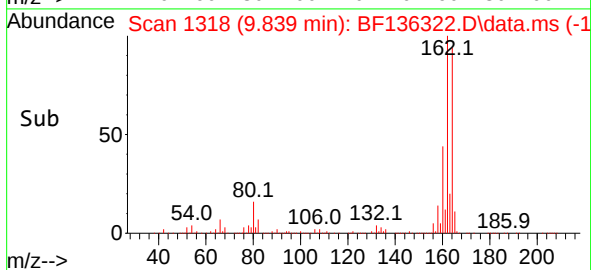
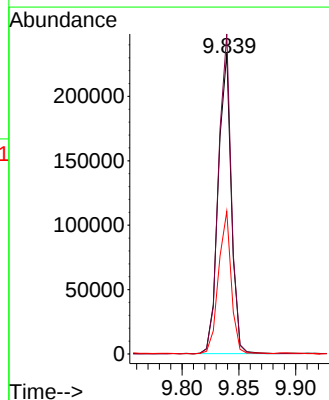
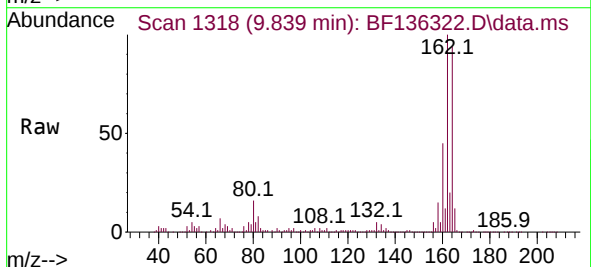


Tgt Ion: 82 Resp: 651260
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

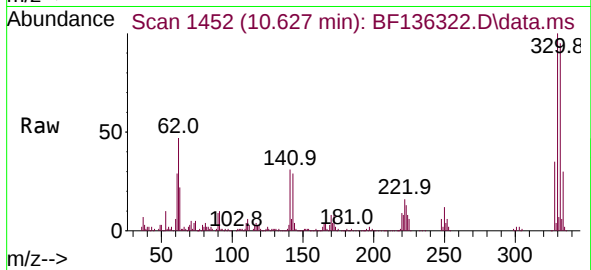
Tgt Ion: 164 Resp: 186657
Ion Ratio Lower Upper
164 100
162 106.5 89.5 134.3
160 47.4 39.6 59.4



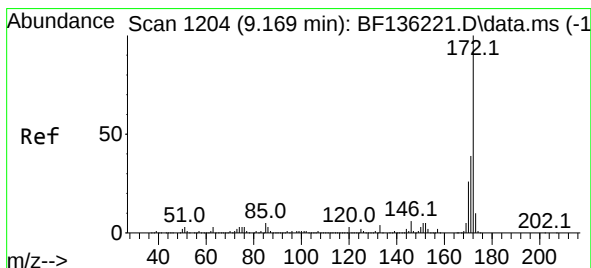
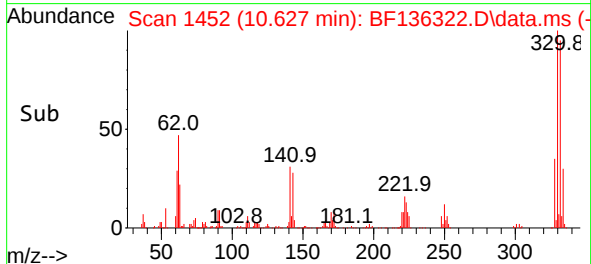
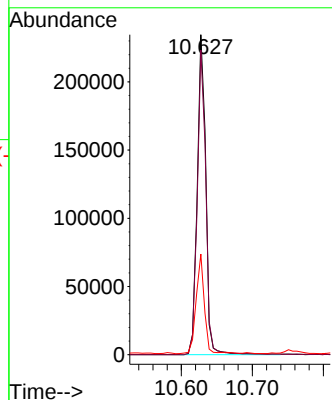


#42
2,4,6-Tribromophenol
Concen: 86.607 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

Instrument :
BNA_F
ClientSampleId :

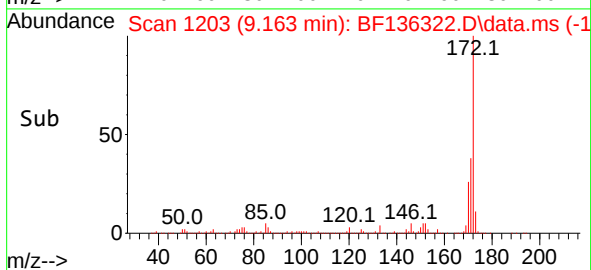
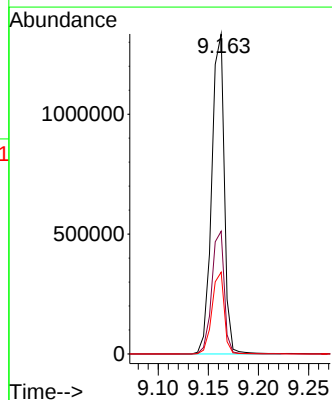
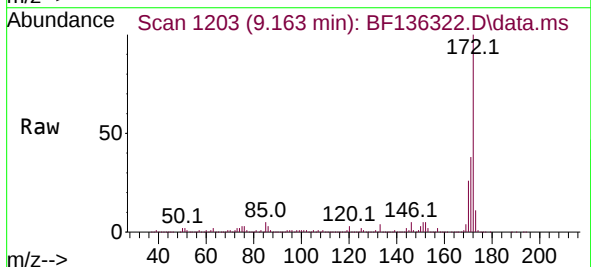


Tgt Ion:330 Resp: 197640
Ion Ratio Lower Upper
330 100
332 95.2 73.0 109.6
141 29.4 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 80.286 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

Tgt Ion:172 Resp: 1173244
Ion Ratio Lower Upper
172 100
171 38.3 31.5 47.3
170 25.5 20.8 31.2

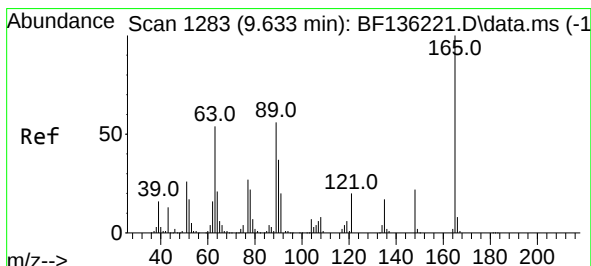
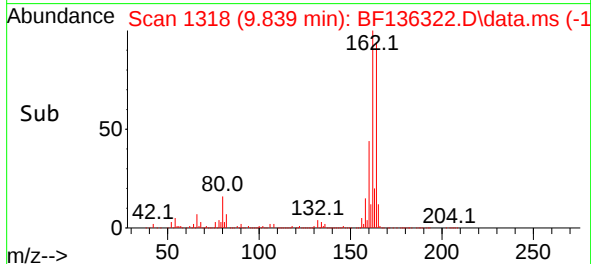
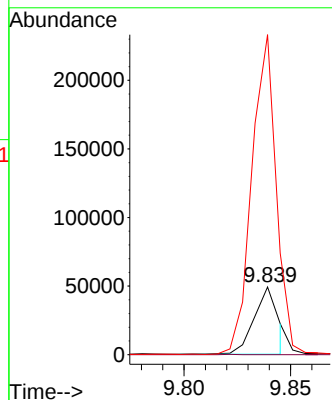
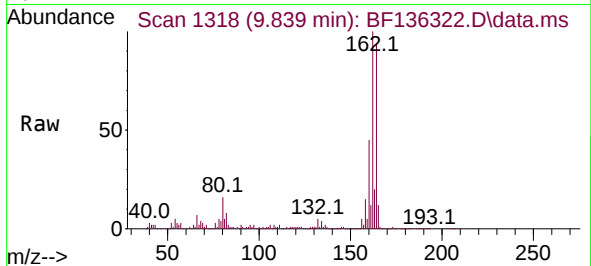




#50
Dimethylphthalate
Concen: 2.682 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

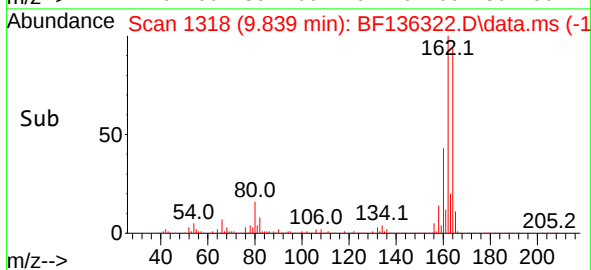
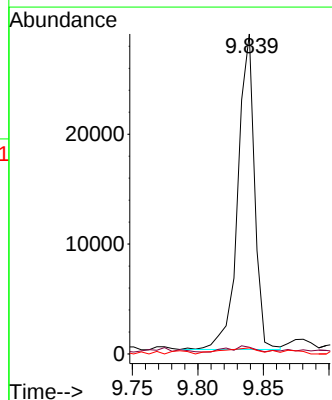
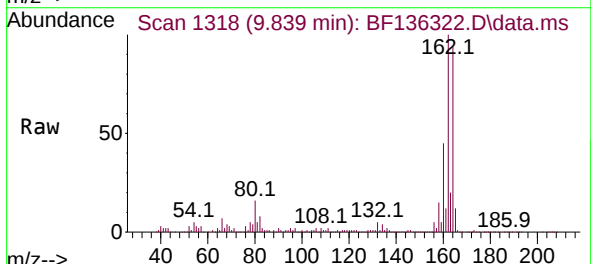
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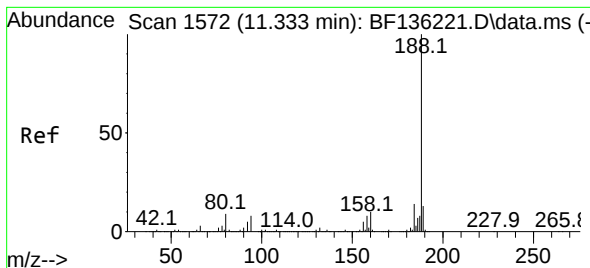
Tgt Ion:163 Resp: 37840
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 473.1 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.846 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

Tgt Ion:165 Resp: 25494
Ion Ratio Lower Upper
165 100
63 2.1 46.2 69.2#
89 1.9 44.9 67.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

Instrument :

BNA_F

ClientSampleId :

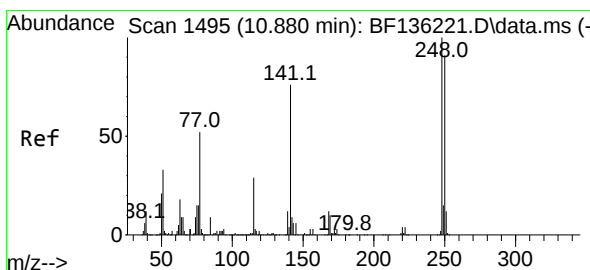
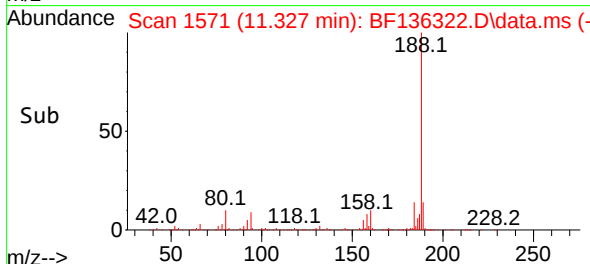
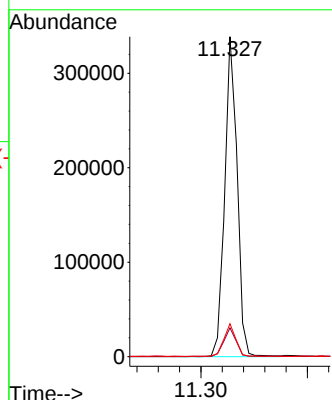
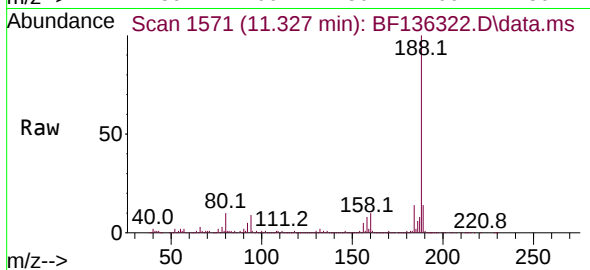
Tgt Ion:188 Resp: 272830

Ion Ratio Lower Upper

188 100

94 9.0 6.7 10.1

80 10.3 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.757 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.253 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

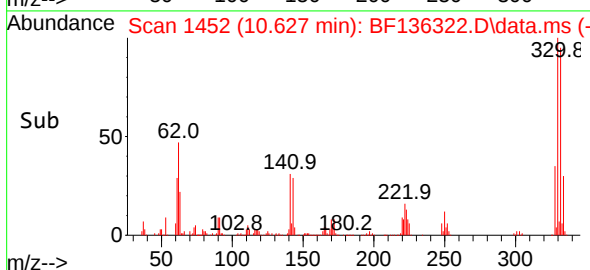
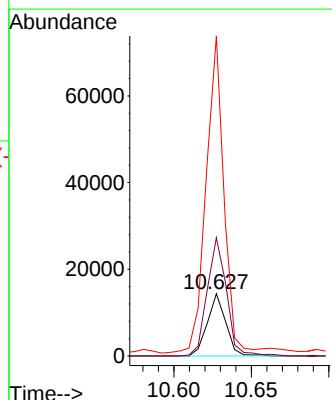
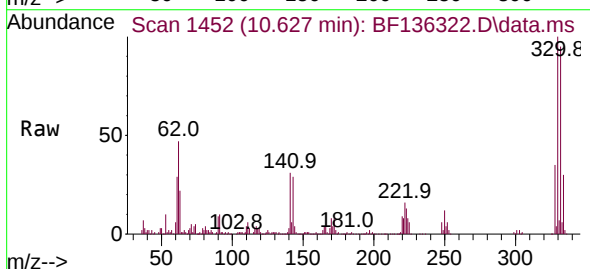
Tgt Ion:248 Resp: 11959

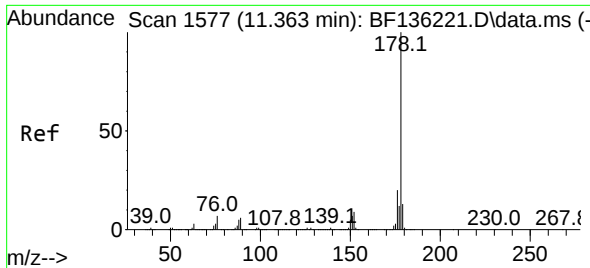
Ion Ratio Lower Upper

248 100

250 189.8 72.5 108.7#

141 513.5 60.8 91.2#

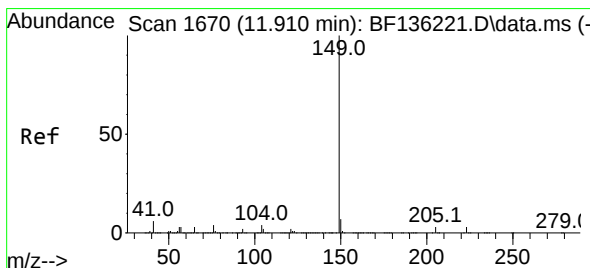
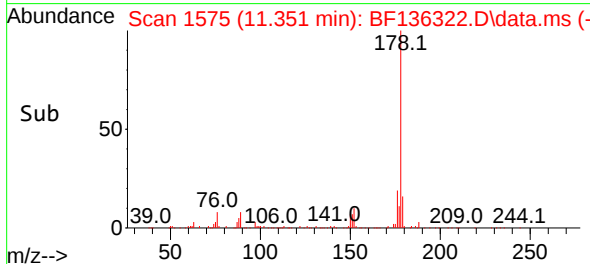
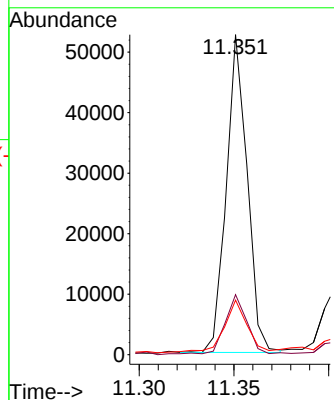
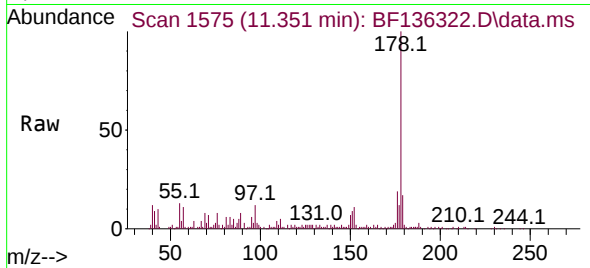




#71
Phenanthrene
Concen: 2.629 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

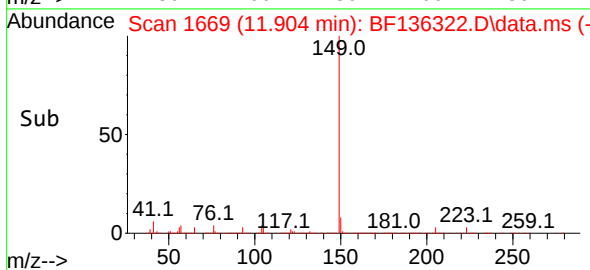
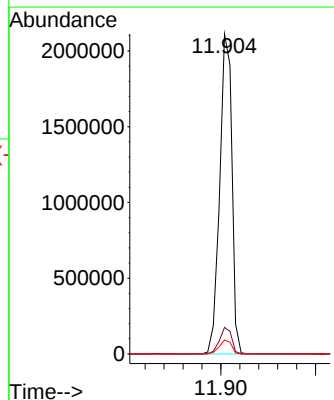
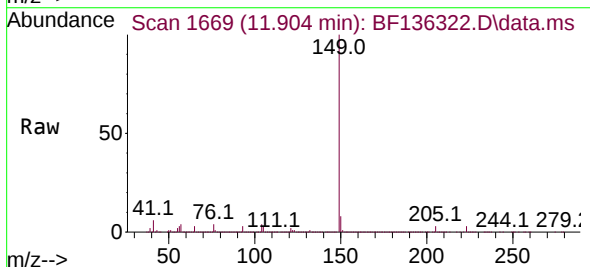
Instrument :
BNA_F
ClientSampleId :

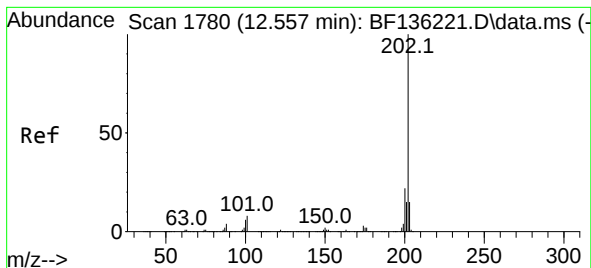
Tgt Ion:178 Resp: 40310
Ion Ratio Lower Upper
178 100
176 18.8 16.2 24.2
179 17.1 10.3 15.5#



#74
Di-n-butylphthalate
Concen: 115.735 ng
RT: 11.904 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

Tgt Ion:149 Resp: 1893927
Ion Ratio Lower Upper
149 100
150 8.3 6.0 9.0
104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 7.893 ng

RT: 12.545 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

Instrument :

BNA_F

ClientSampleId :

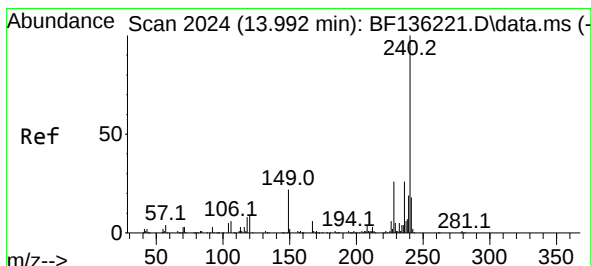
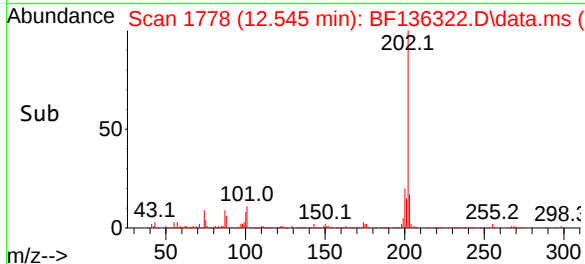
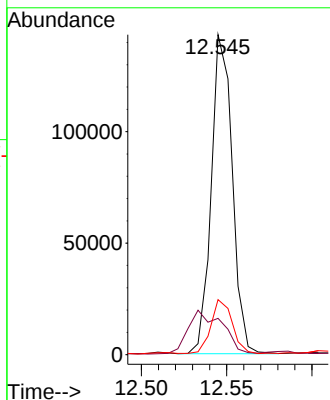
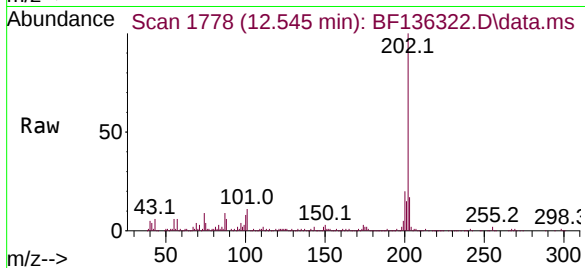
Tgt Ion:202 Resp: 122863

Ion Ratio Lower Upper

202 100

101 11.3 0.0 27.8

203 17.2 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

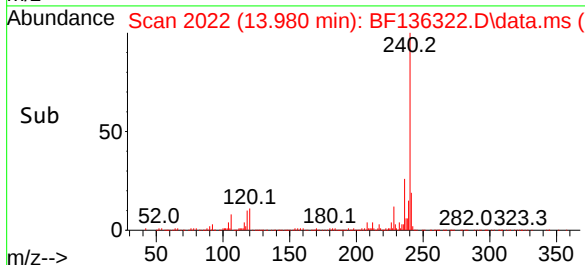
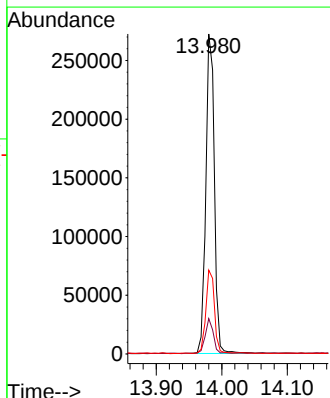
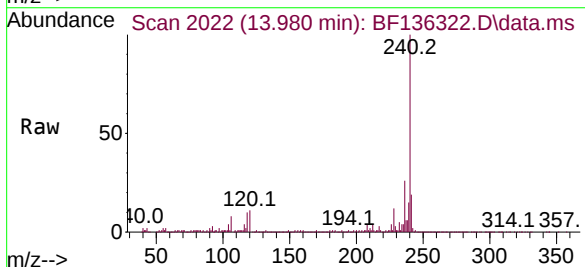
Tgt Ion:240 Resp: 247832

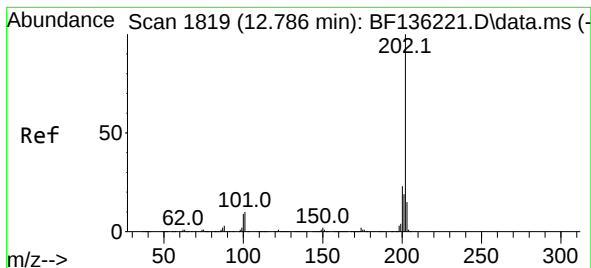
Ion Ratio Lower Upper

240 100

120 11.1 7.4 11.2

236 26.2 21.1 31.7





#78

Pyrene

Concen: 4.355 ng

RT: 12.780 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

Instrument :

BNA_F

ClientSampleId :

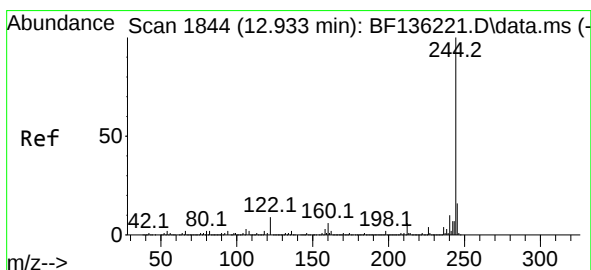
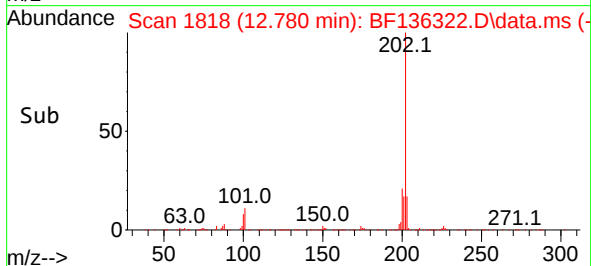
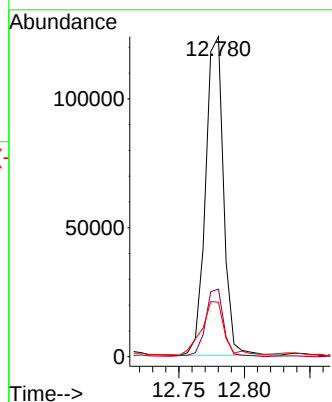
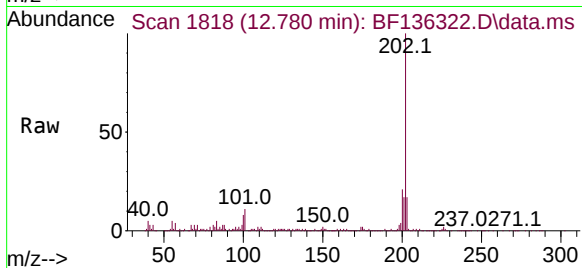
Tgt Ion:202 Resp: 118200

Ion Ratio Lower Upper

202 100

200 21.1 18.4 27.6

203 17.0 11.8 17.6



#79

Terphenyl-d14

Concen: 48.718 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

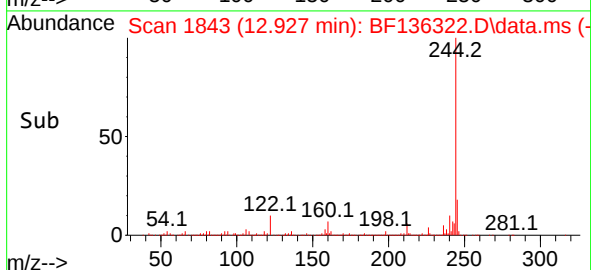
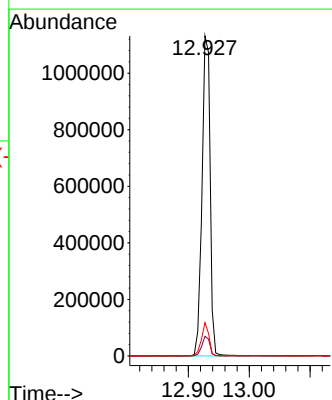
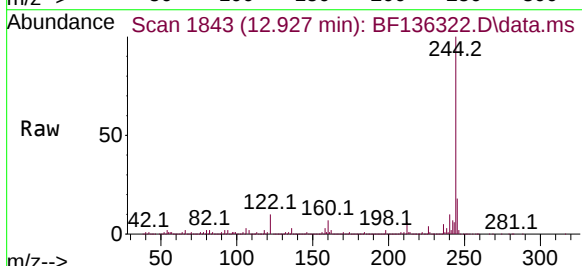
Tgt Ion:244 Resp: 1046720

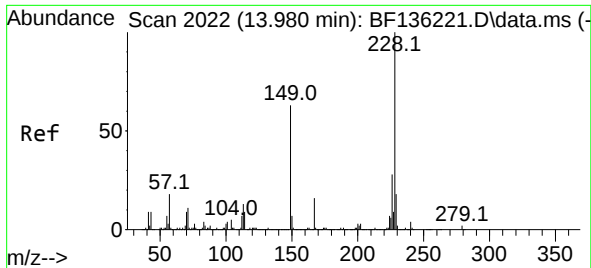
Ion Ratio Lower Upper

244 100

212 6.2 4.6 7.0

122 10.4 7.3 10.9

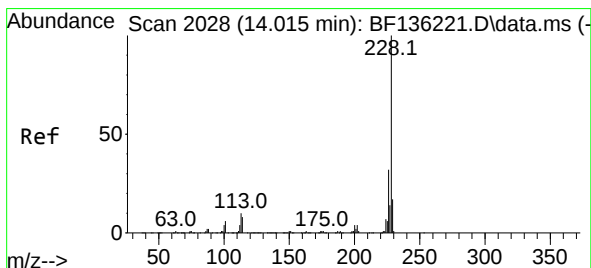
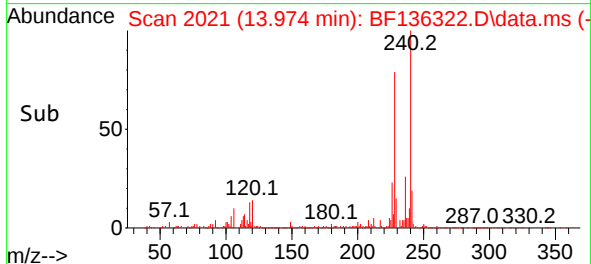
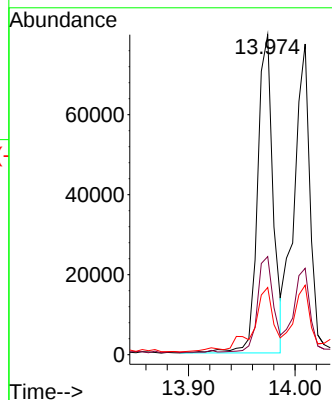
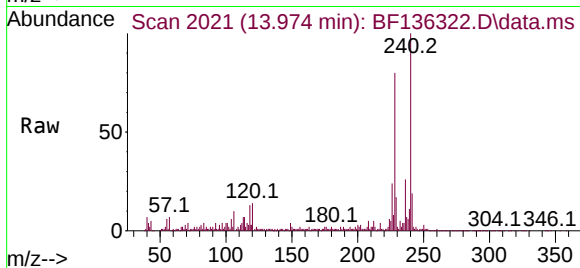




#81
Benzo(a)anthracene
Concen: 4.364 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

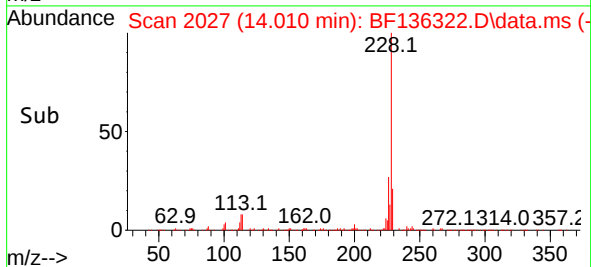
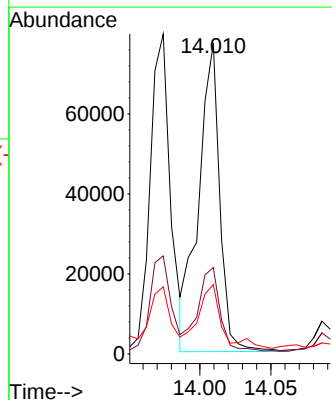
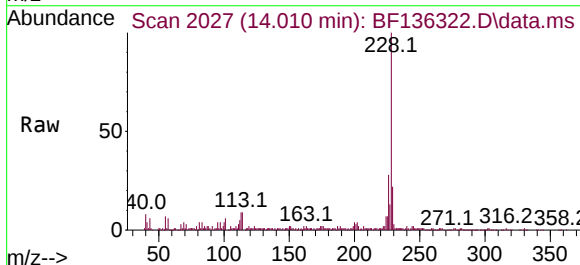
Instrument :
BNA_F
ClientSampleId :

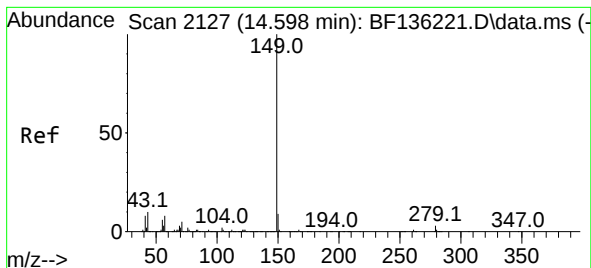
Tgt Ion:228 Resp: 80330
Ion Ratio Lower Upper
228 100
226 30.6 22.6 34.0
229 21.0 14.0 21.0#



#83
Chrysene
Concen: 4.526 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

Tgt Ion:228 Resp: 80439
Ion Ratio Lower Upper
228 100
226 27.8 25.5 38.3
229 22.4 13.9 20.9#





#85

Di-n-octyl phthalate

Concen: 5.222 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

Instrument :

BNA_F

ClientSampleId :

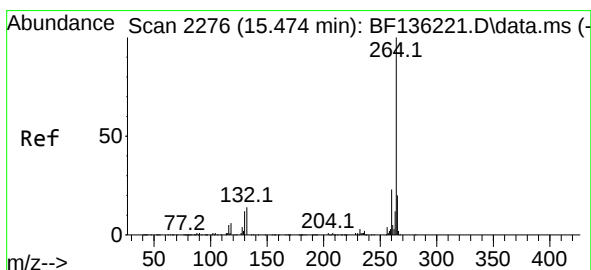
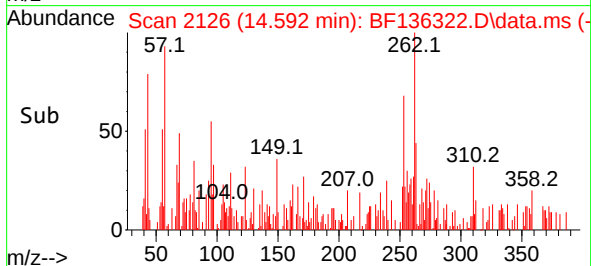
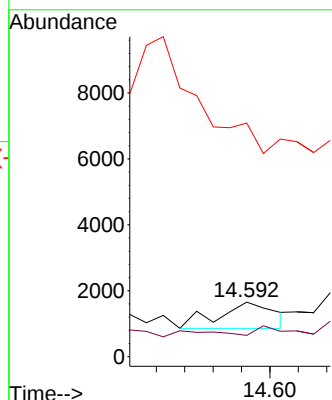
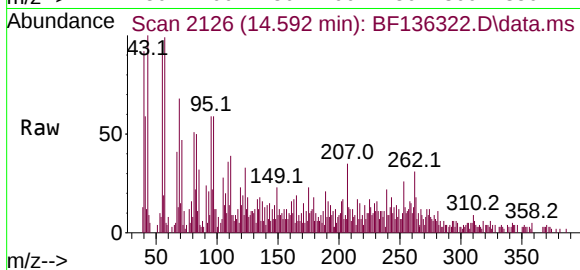
Tgt Ion:149 Resp: 1100

Ion Ratio Lower Upper

149 100

167 42.6 1.0 1.6#

43 0.0 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

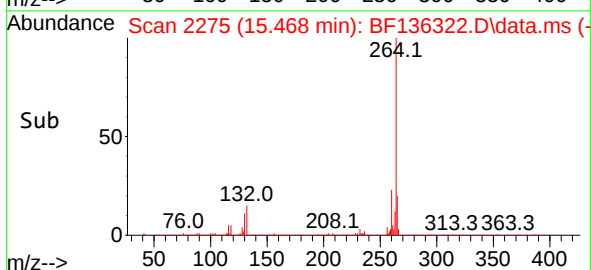
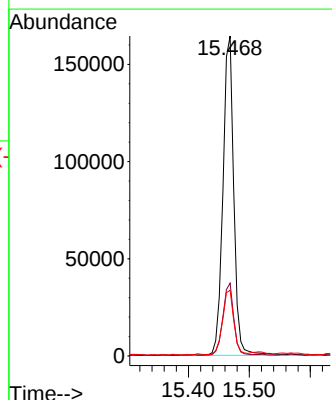
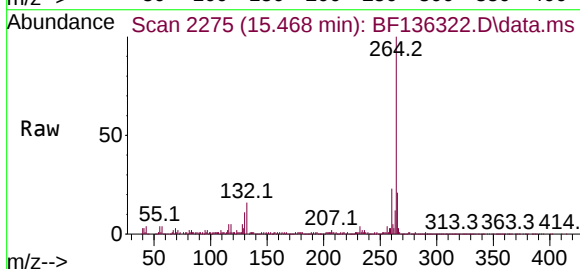
Tgt Ion:264 Resp: 203227

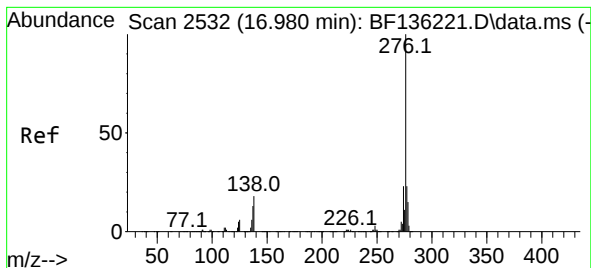
Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 20.6 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.559 ng

RT: 16.968 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

Instrument :

BNA_F

ClientSampleId :

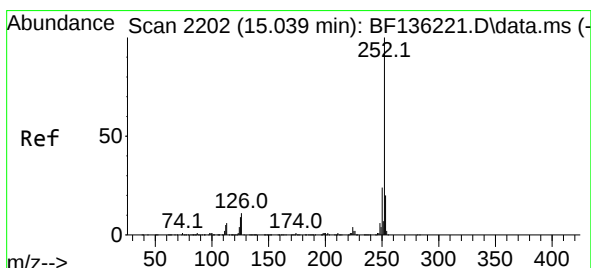
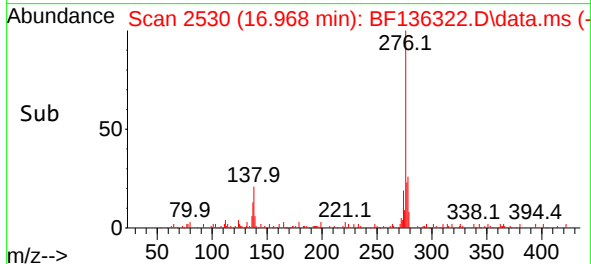
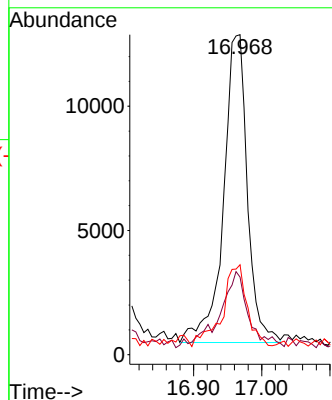
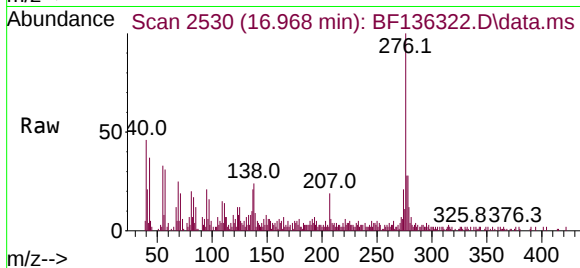
Tgt Ion:276 Resp: 30239

Ion Ratio Lower Upper

276 100

138 29.9 17.7 26.5#

277 27.7 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 8.735 ng

RT: 15.027 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

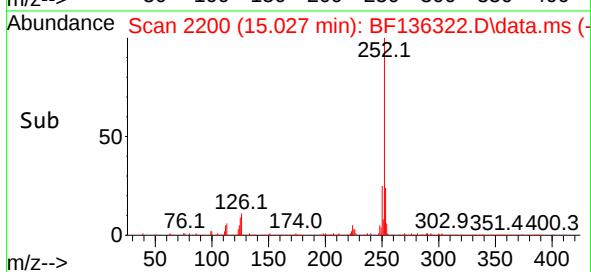
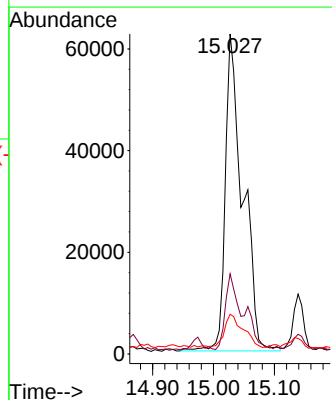
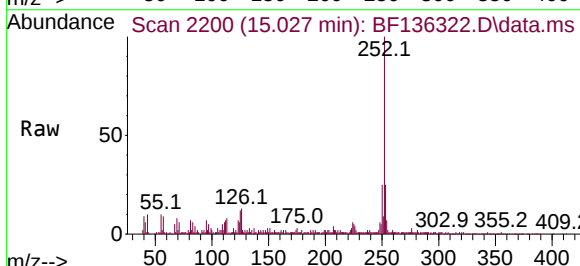
Tgt Ion:252 Resp: 124540

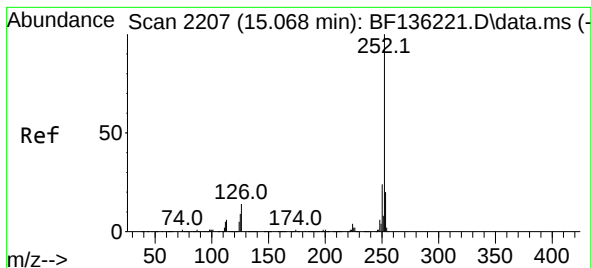
Ion Ratio Lower Upper

252 100

253 25.0 16.2 24.2#

125 12.4 6.9 10.3#





#89

Benzo(k)fluoranthene

Concen: 9.197 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

Instrument :

BNA_F

ClientSampleId :

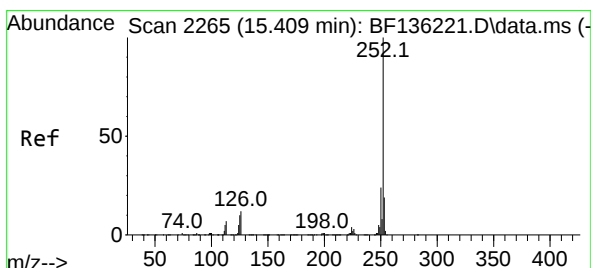
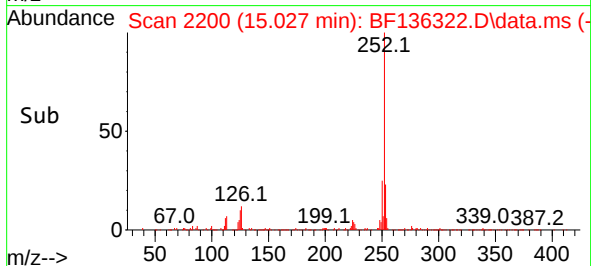
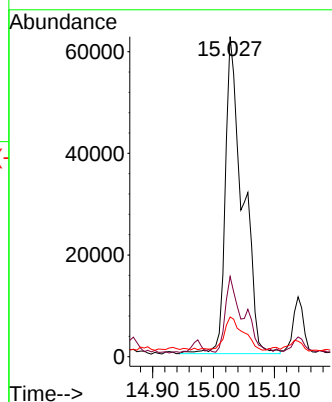
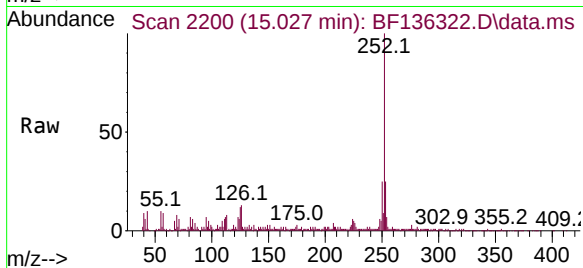
Tgt Ion:252 Resp: 124540

Ion Ratio Lower Upper

252 100

253 25.0 15.6 23.4#

125 12.4 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 4.721 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.011 min

Lab File: BF136322.D

Acq: 30 Nov 2023 19:41

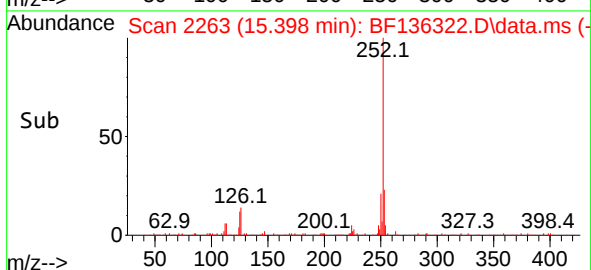
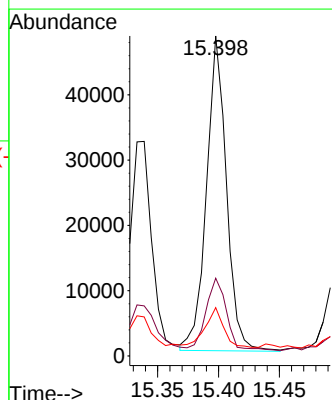
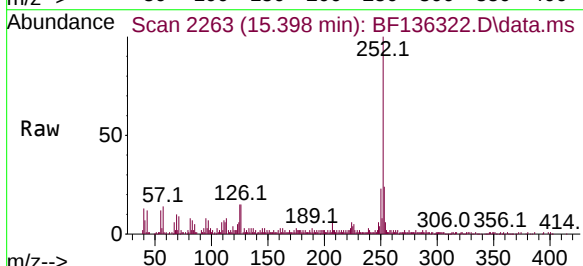
Tgt Ion:252 Resp: 55025

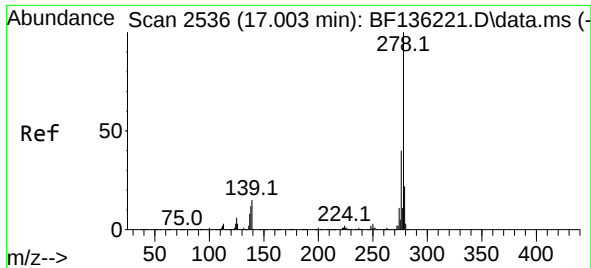
Ion Ratio Lower Upper

252 100

253 24.3 15.5 23.3#

125 15.1 7.9 11.9#

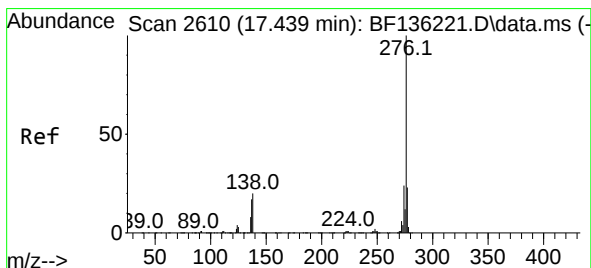
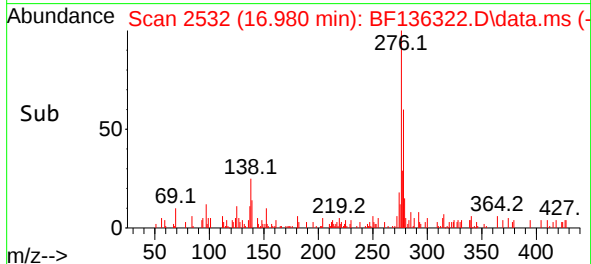
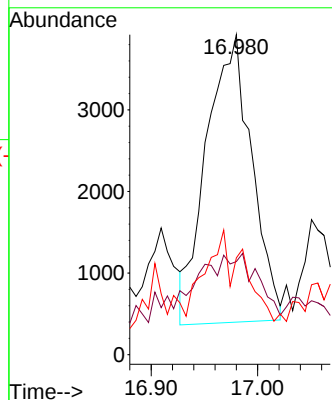
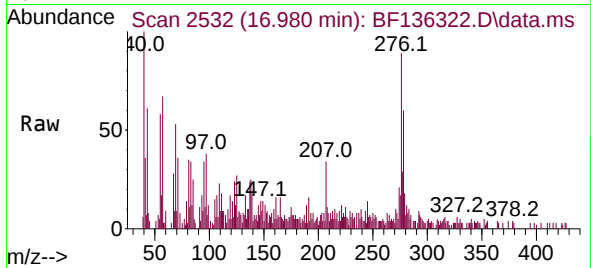




#91
Dibenzo(a,h)anthracene
Concen: 3.519 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 10408
Ion Ratio Lower Upper
278 100
139 29.1 11.7 17.5#
279 30.2 17.8 26.8#



#92
Benzo(g,h,i)perylene
Concen: 3.986 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.024 min
Lab File: BF136322.D
Acq: 30 Nov 2023 19:41

Tgt Ion:276 Resp: 26561
Ion Ratio Lower Upper
276 100
277 27.3 18.6 27.8
138 22.6 15.8 23.8

