

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136327.D
 Acq On : 30 Nov 2023 22:21
 Operator : CG\JU
 Sample : 05434-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:14:47 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)

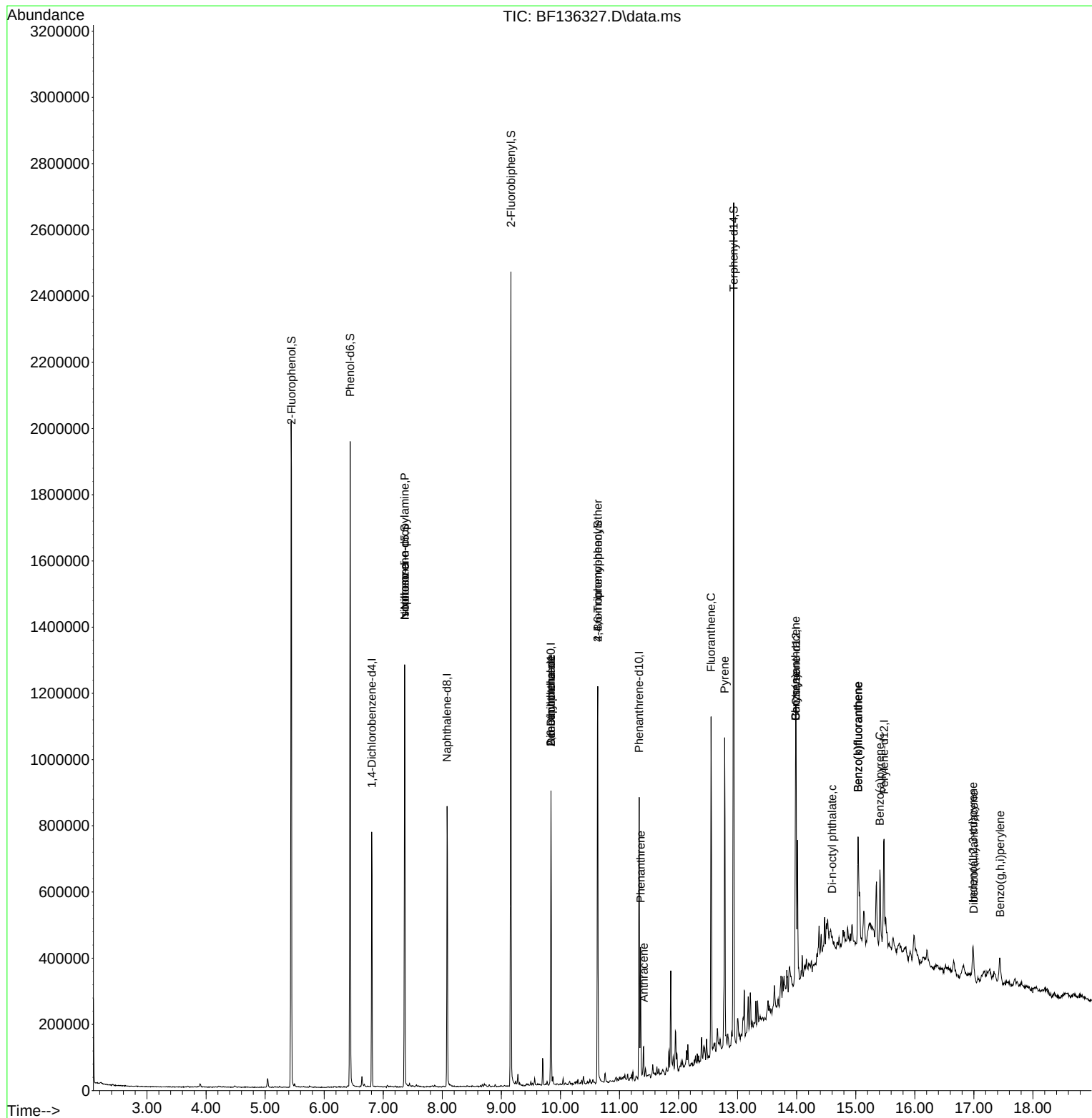
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	107256	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	371537	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	160070	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	304759	20.000	ng	0.00
76) Chrysene-d12	13.992	240	217775	20.000	ng	0.00
86) Perylene-d12	15.480	264	150844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	573076	74.367	ng	0.00
7) Phenol-d6	6.439	99	644060	66.844	ng	0.00
23) Nitrobenzene-d5	7.363	82	388142	55.205	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	156687	80.065	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	731887	58.402	ng	0.00
79) Terphenyl-d14	12.933	244	903562	47.859	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	50626	8.785	ng	# 78
25) Isophorone	7.363	82	388138	30.616	ng	# 68
50) Dimethylphthalate	9.839	163	31642	2.615	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	20814	8.421	ng	# 25
67) 4-Bromophenyl-phenylether	10.633	248	9527	2.680	ng	# 1
71) Phenanthrene	11.357	178	132262	7.722	ng	98
72) Anthracene	11.410	178	37942	2.209	ng	94
75) Fluoranthene	12.551	202	389962	22.426	ng	94
78) Pyrene	12.780	202	372289	15.609	ng	96
81) Benzo(a)anthracene	13.980	228	167579	10.360	ng	94
83) Chrysene	13.980	228	167579	10.730	ng	98
85) Di-n-octyl phthalate	14.598	149	813	5.213	ng	# 37
87) Indeno(1,2,3-cd)pyrene	16.986	276	73903	8.868	ng	99
88) Benzo(b)fluoranthene	15.039	252	230740	21.803	ng	# 93
89) Benzo(k)fluoranthene	15.039	252	230740	22.956	ng	# 92
90) Benzo(a)pyrene	15.409	252	110671	12.792	ng	# 91
91) Dibenzo(a,h)anthracene	16.998	278	18821	4.676	ng	# 75
92) Benzo(g,h,i)perylene	17.445	276	74908	9.823	ng	99

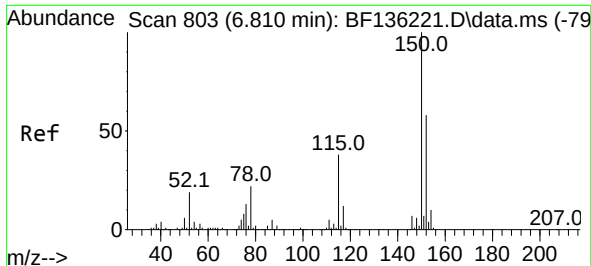
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
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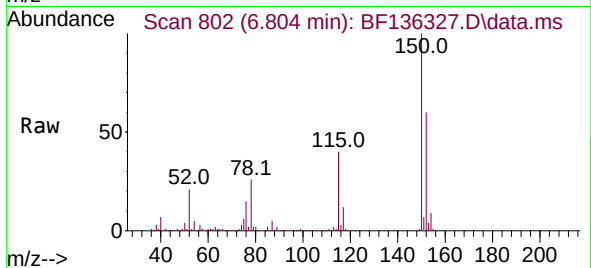
Quant Time: Dec 01 00:14:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
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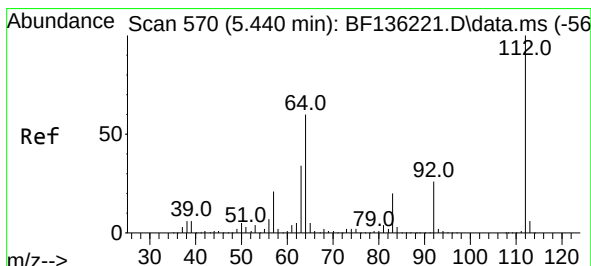
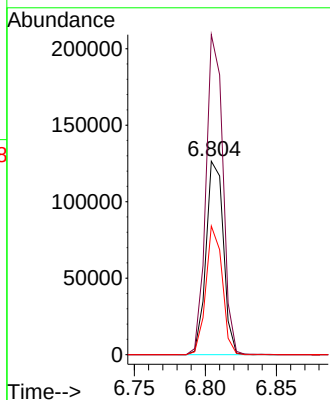
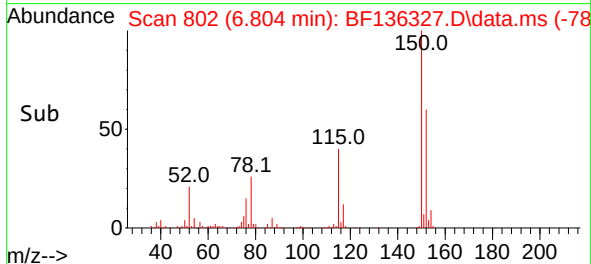


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

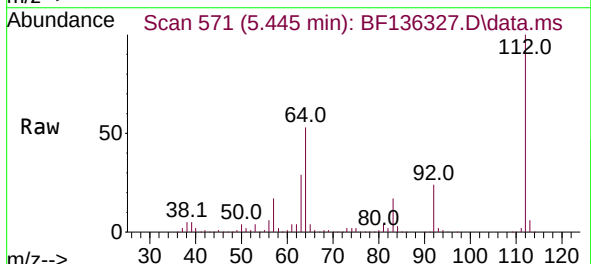
Instrument :
BNA_F
ClientSampleId :



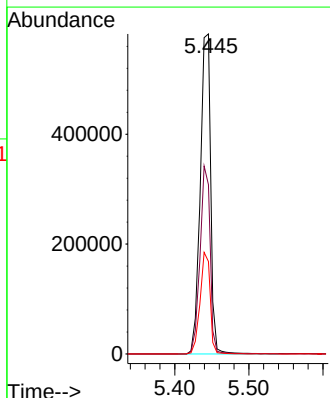
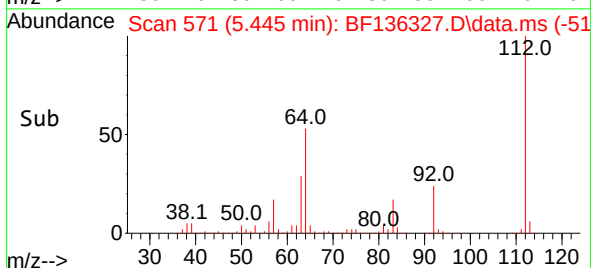
Tgt Ion:152 Resp: 107256
Ion Ratio Lower Upper
152 100
150 165.4 137.8 206.8
115 66.5 52.7 79.1

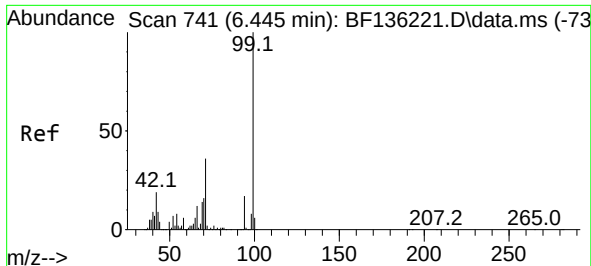


#5
2-Fluorophenol
Concen: 74.367 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21



Tgt Ion:112 Resp: 573076
Ion Ratio Lower Upper
112 100
64 52.9 48.2 72.4
63 28.9 27.0 40.6

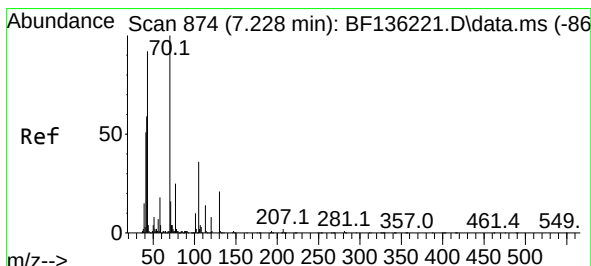
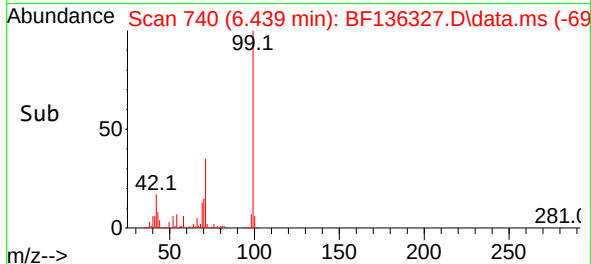
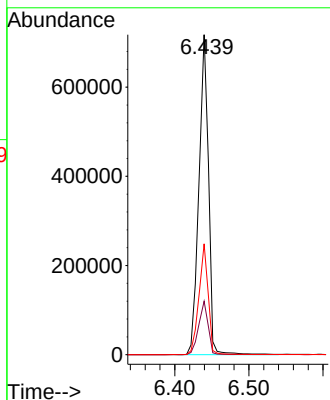
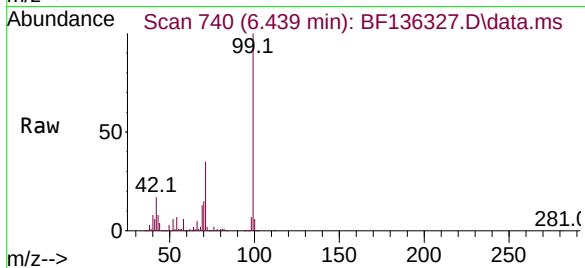




#7
Phenol-d6
Concen: 66.844 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

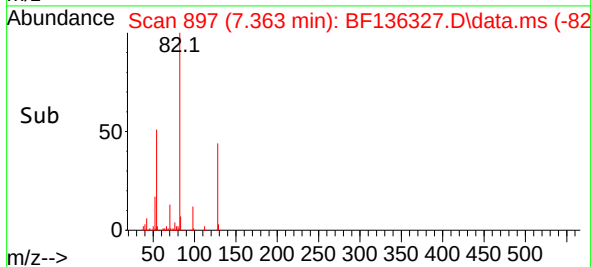
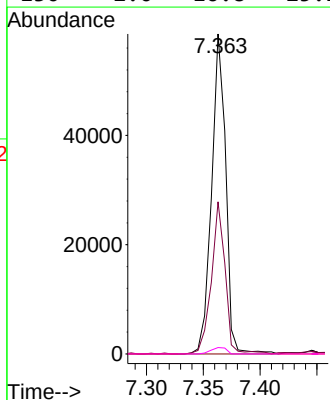
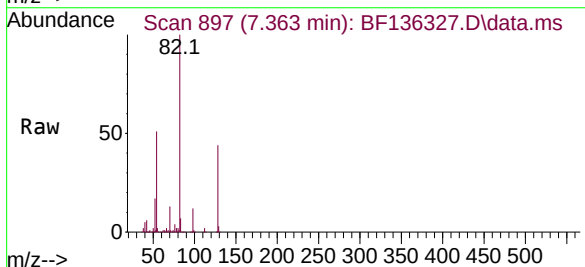
Instrument :
BNA_F
ClientSampleId :

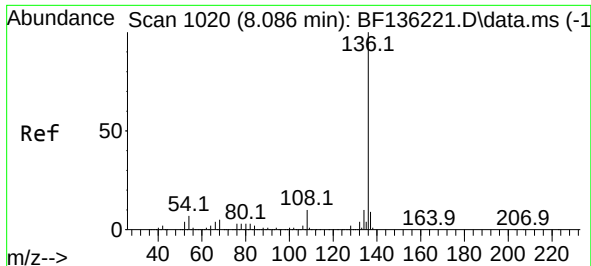
Tgt Ion: 99 Resp: 644060
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.6
71 34.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.785 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

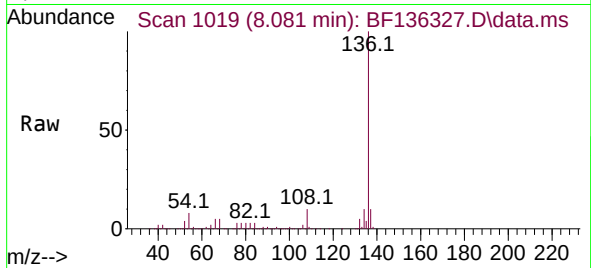
Tgt Ion: 70 Resp: 50626
Ion Ratio Lower Upper
70 100
42 47.5 47.0 70.4
101 0.0 7.8 11.8#
130 2.0 16.8 25.2#



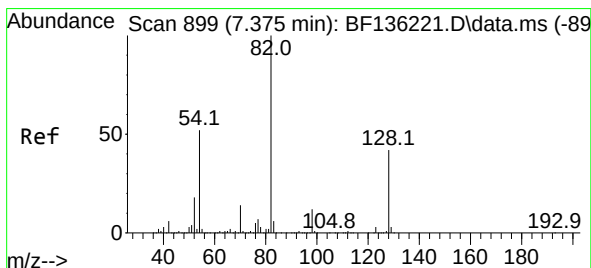
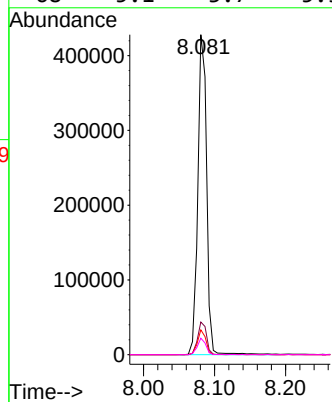
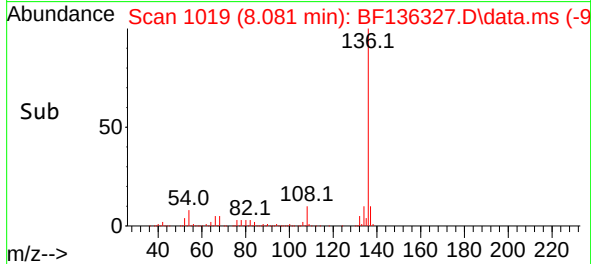


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

Instrument :
BNA_F
ClientSampleId :

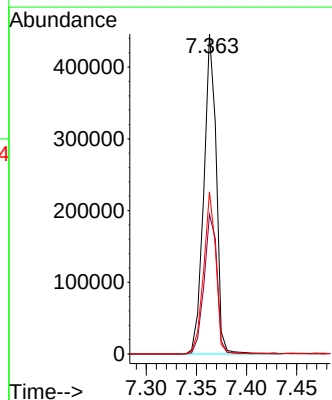
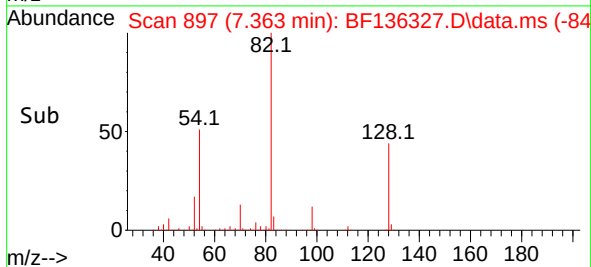
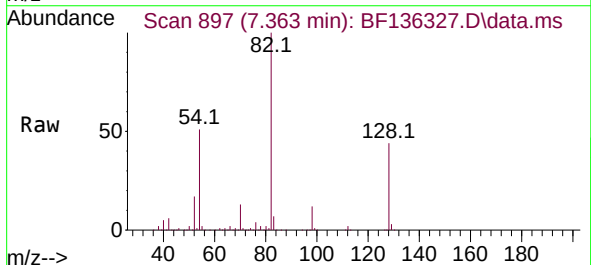


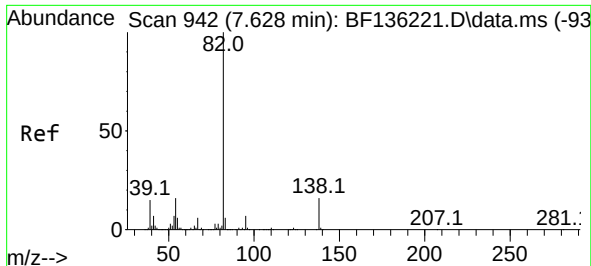
Tgt Ion:136 Resp: 371537
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 7.7 5.5 8.3
68 5.1 3.7 5.5



#23
Nitrobenzene-d5
Concen: 55.205 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

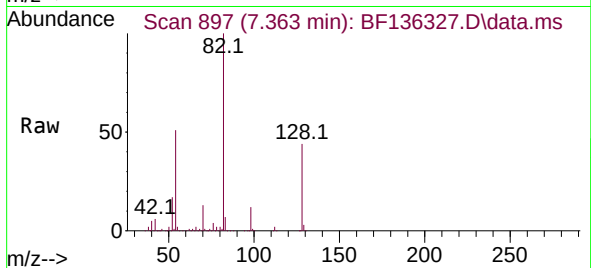
Tgt Ion: 82 Resp: 388142
Ion Ratio Lower Upper
82 100
128 43.6 33.4 50.2
54 50.7 41.7 62.5



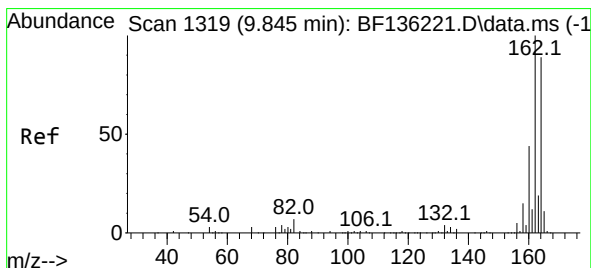
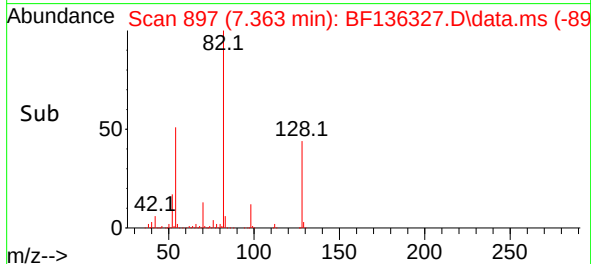
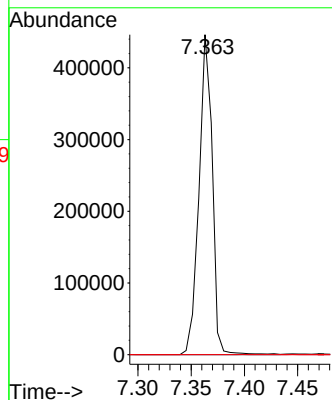


#25
Isophorone
Concen: 30.616 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

Instrument :
BNA_F
ClientSampleId :

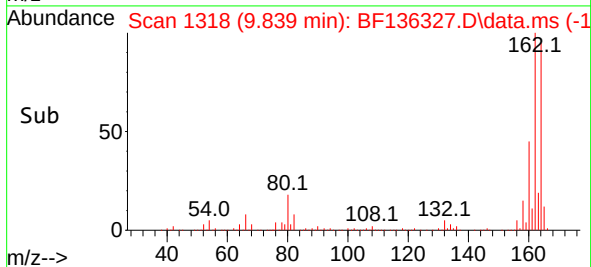
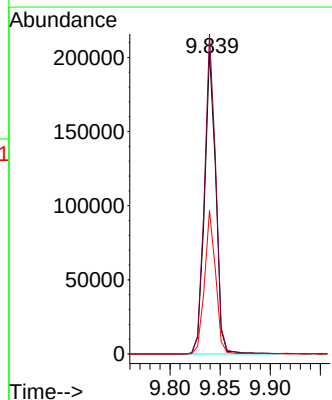
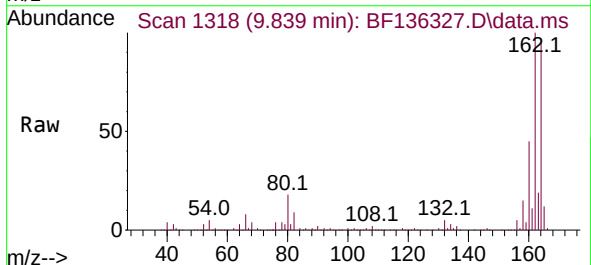


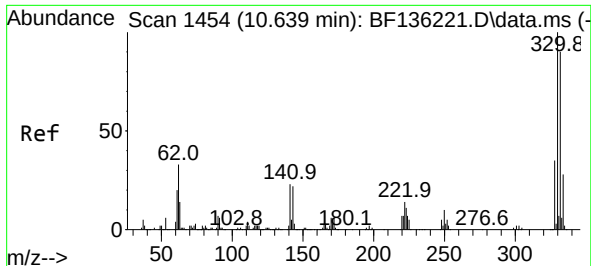
Tgt Ion: 82 Resp: 388138
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

Tgt Ion: 164 Resp: 160070
Ion Ratio Lower Upper
164 100
162 105.8 89.5 134.3
160 47.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 80.065 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

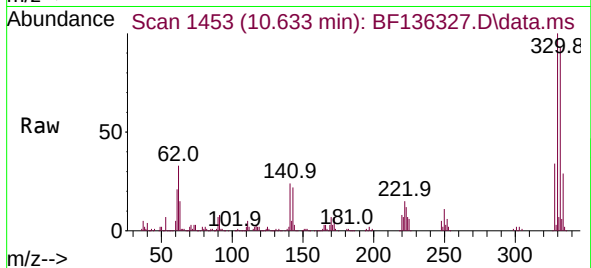
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Acq: 30 Nov 2023 22:21

Instrument :

BNA_F

ClientSampleId :



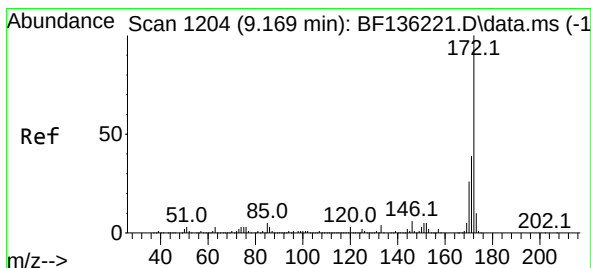
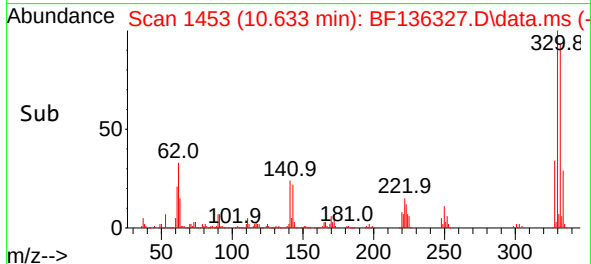
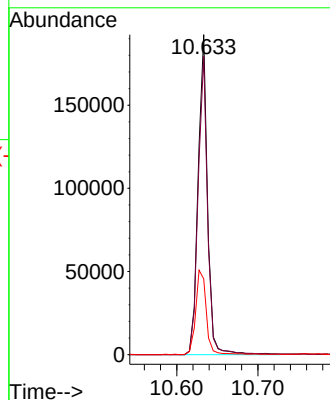
Tgt Ion:330 Resp: 156687

Ion Ratio Lower Upper

330 100

332 93.6 73.0 109.6

141 29.6 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 58.402 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

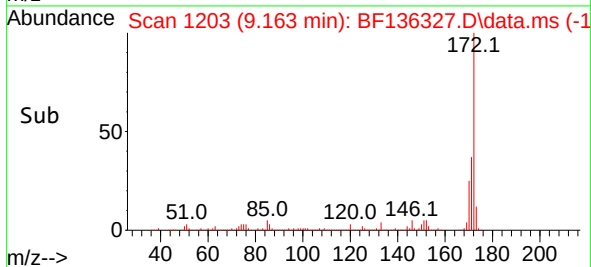
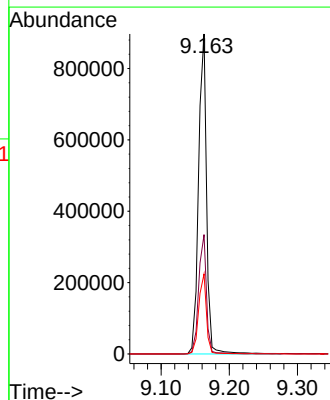
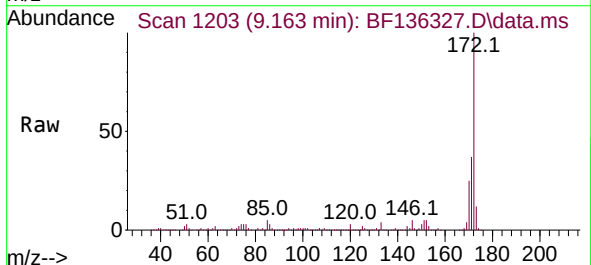
Tgt Ion:172 Resp: 731887

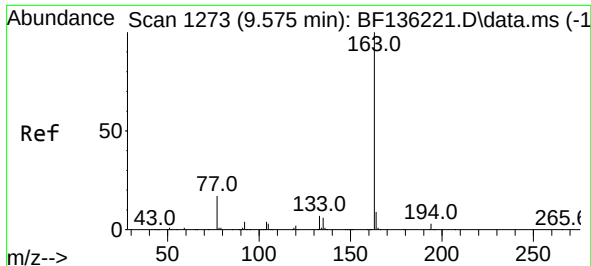
Ion Ratio Lower Upper

172 100

171 37.3 31.5 47.3

170 25.0 20.8 31.2

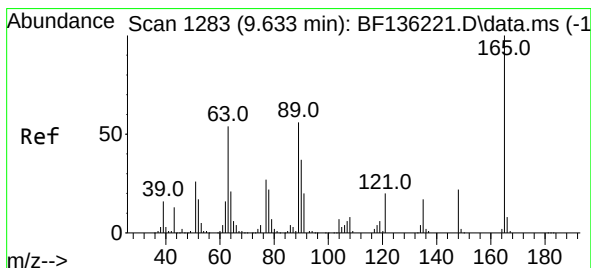
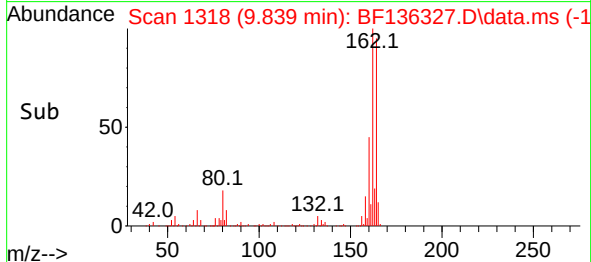
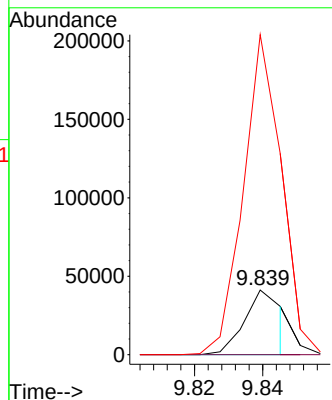
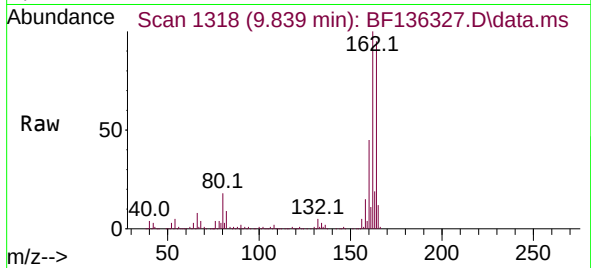




#50
Dimethylphthalate
Concen: 2.615 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

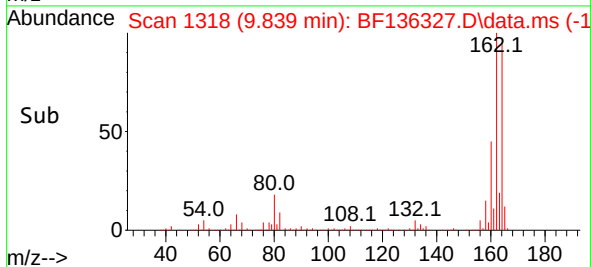
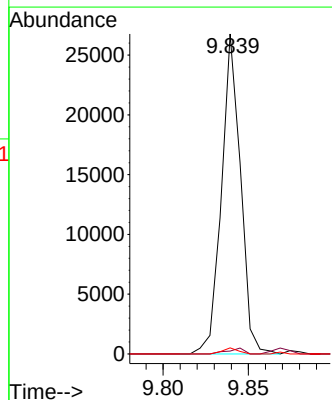
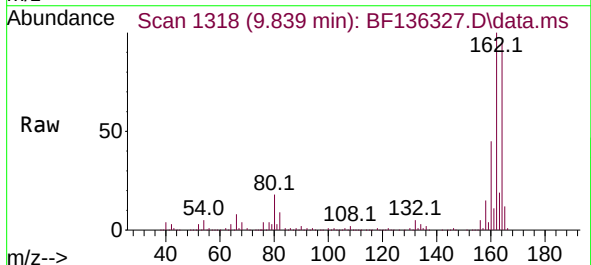
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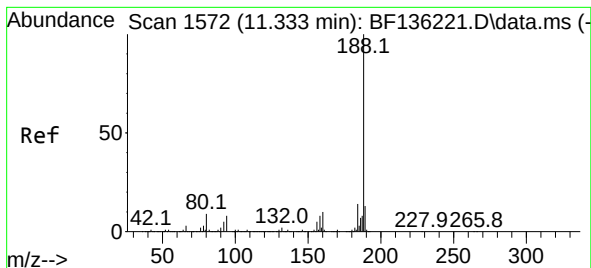
Tgt Ion:163 Resp: 31642
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 495.5 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.421 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

Tgt Ion:165 Resp: 20814
Ion Ratio Lower Upper
165 100
63 0.9 46.2 69.2#
89 1.9 44.9 67.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

Instrument :

BNA_F

ClientSampleId :

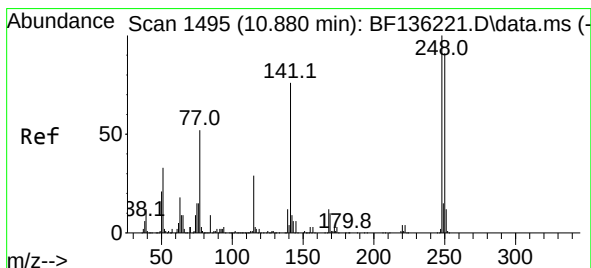
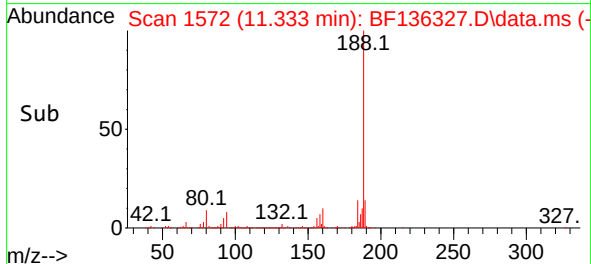
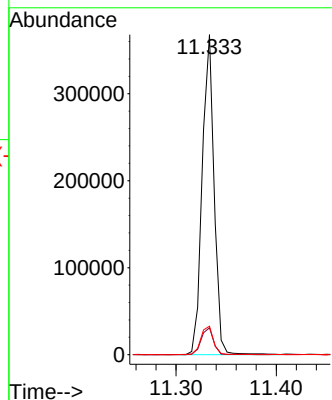
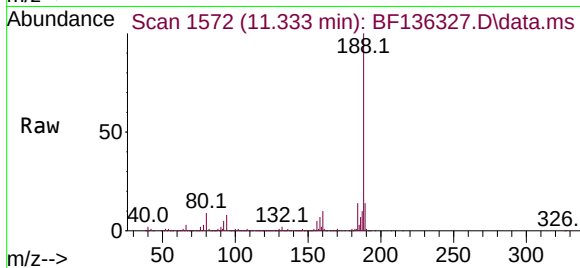
Tgt Ion:188 Resp: 304759

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 8.9 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 2.680 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.247 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

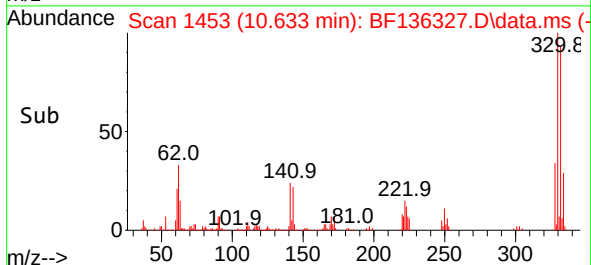
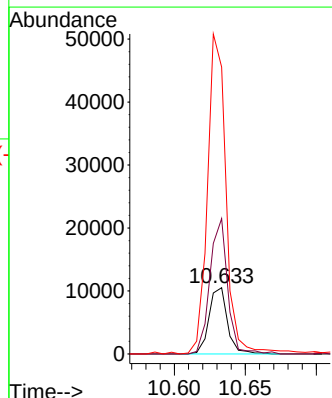
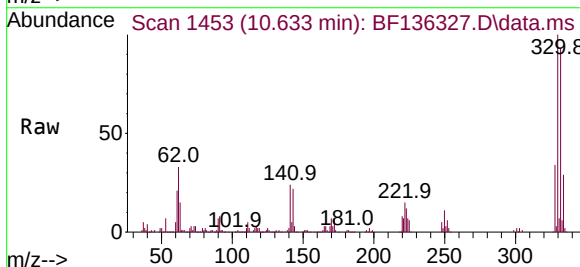
Tgt Ion:248 Resp: 9527

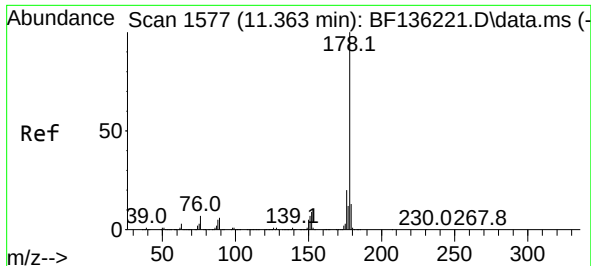
Ion Ratio Lower Upper

248 100

250 204.3 72.5 108.7#

141 432.9 60.8 91.2#

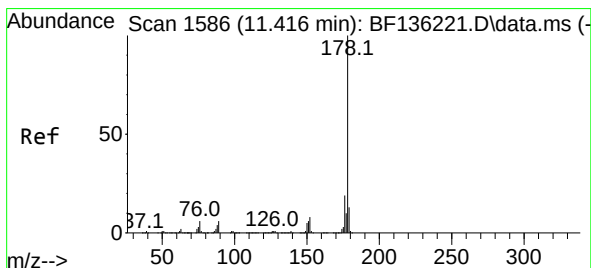
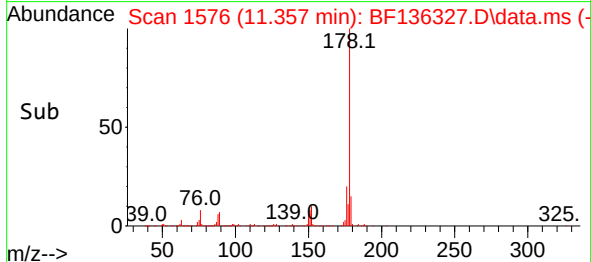
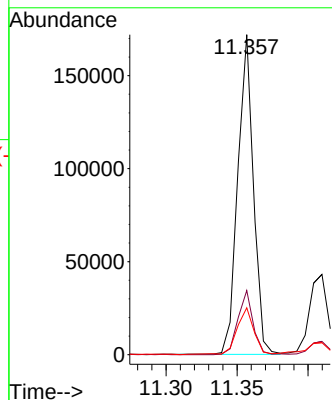
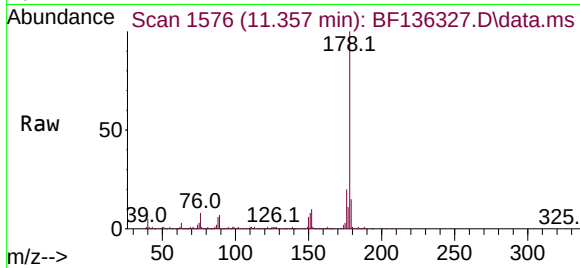




#71
 Phenanthrene
 Concen: 7.722 ng
 RT: 11.357 min Scan# 1577
 Delta R.T. -0.006 min
 Lab File: BF136327.D
 Acq: 30 Nov 2023 22:21

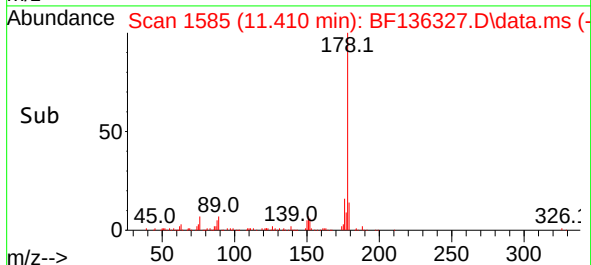
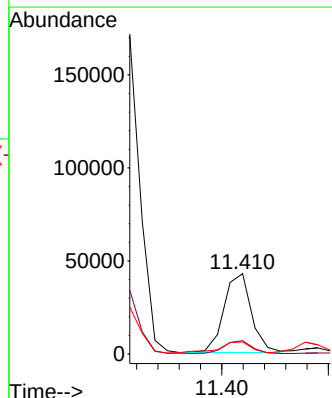
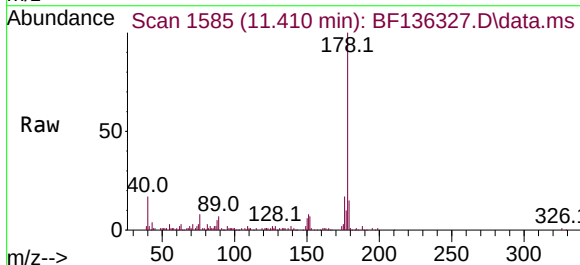
Instrument :
 BNA_F
 ClientSampleId :

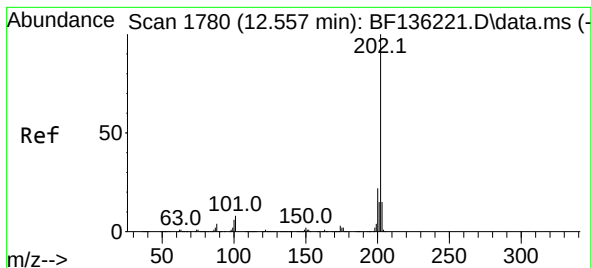
Tgt Ion:178 Resp: 132262
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.2
 179 14.7 10.3 15.5



#72
 Anthracene
 Concen: 2.209 ng
 RT: 11.410 min Scan# 1585
 Delta R.T. -0.006 min
 Lab File: BF136327.D
 Acq: 30 Nov 2023 22:21

Tgt Ion:178 Resp: 37942
 Ion Ratio Lower Upper
 178 100
 176 16.6 15.5 23.3
 179 14.9 10.5 15.7





#75

Fluoranthene

Concen: 22.426 ng

RT: 12.551 min Scan# 1779

Delta R.T. -0.006 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

Instrument :

BNA_F

ClientSampleId :

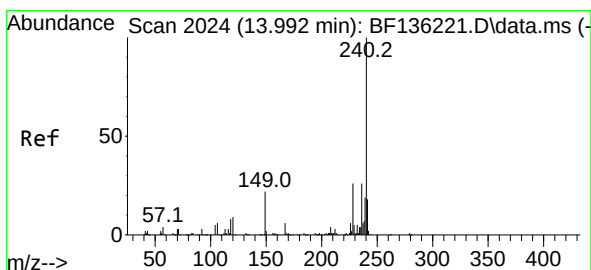
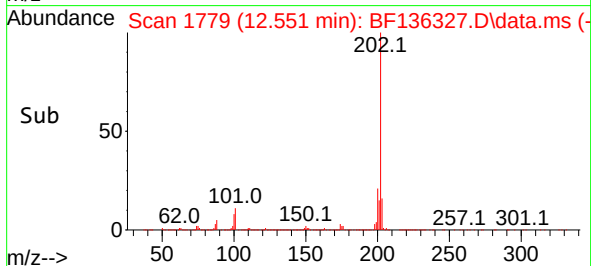
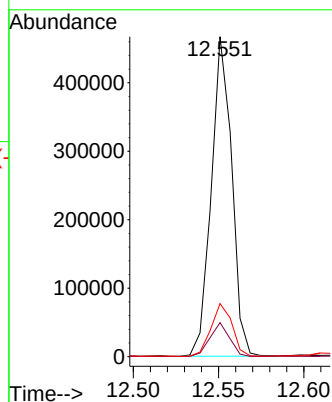
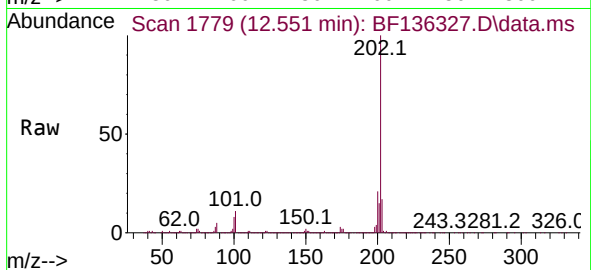
Tgt Ion:202 Resp: 389962

Ion Ratio Lower Upper

202 100

101 10.7 0.0 27.8

203 16.6 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

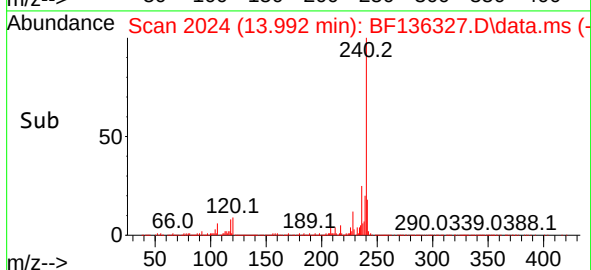
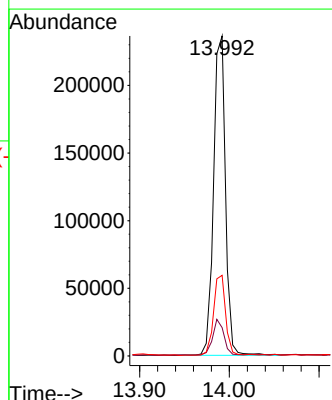
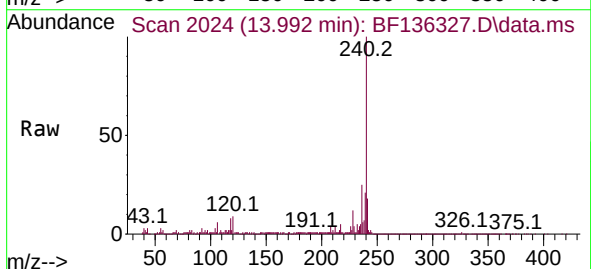
Tgt Ion:240 Resp: 217775

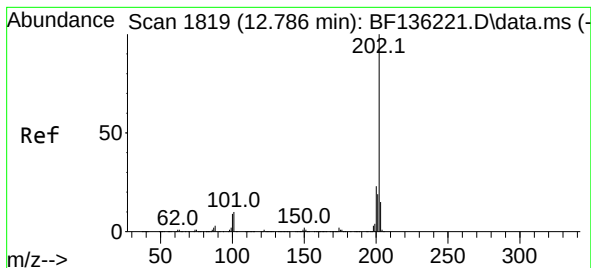
Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.2

236 25.2 21.1 31.7





#78

Pyrene

Concen: 15.609 ng

RT: 12.780 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

Instrument :

BNA_F

ClientSampleId :

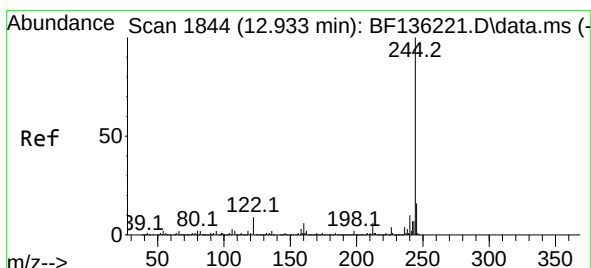
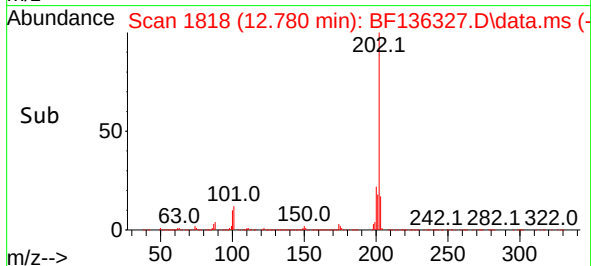
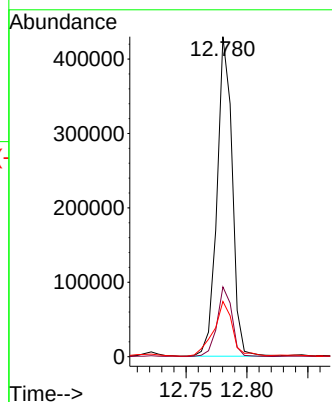
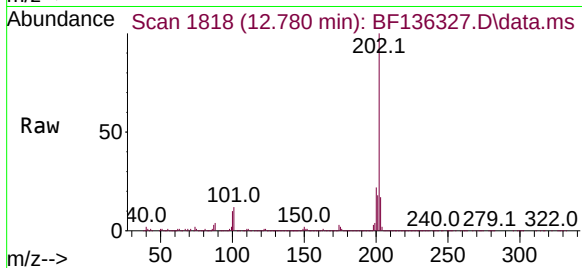
Tgt Ion:202 Resp: 372289

Ion Ratio Lower Upper

202 100

200 21.8 18.4 27.6

203 17.2 11.8 17.6



#79

Terphenyl-d14

Concen: 47.859 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.000 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

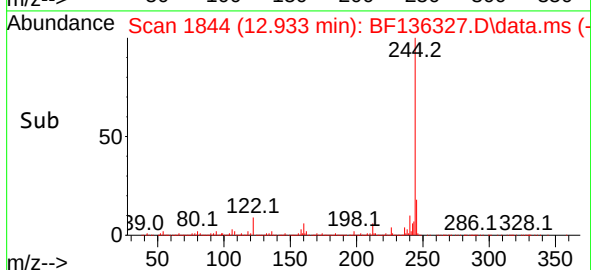
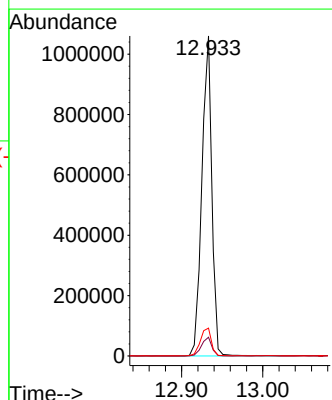
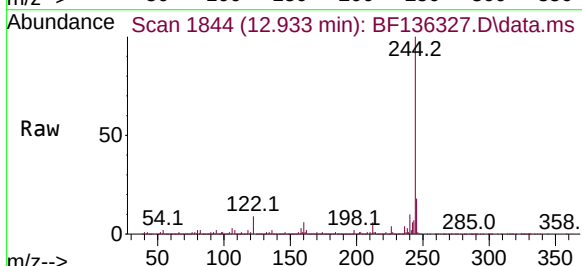
Tgt Ion:244 Resp: 903562

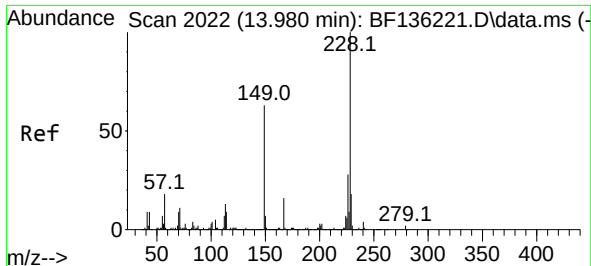
Ion Ratio Lower Upper

244 100

212 5.9 4.6 7.0

122 8.7 7.3 10.9

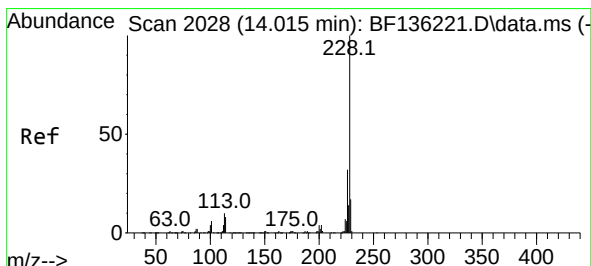
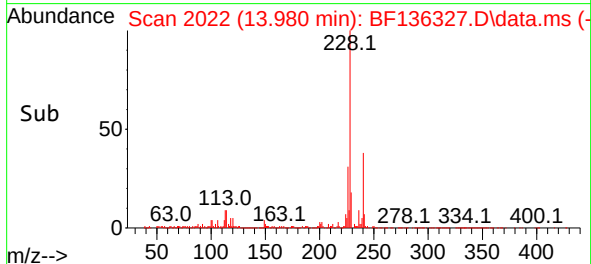
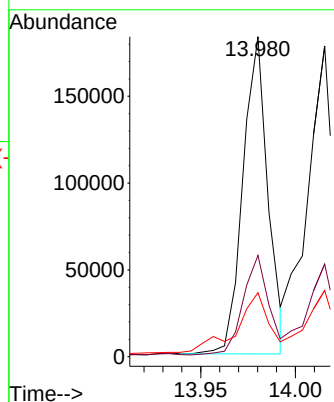
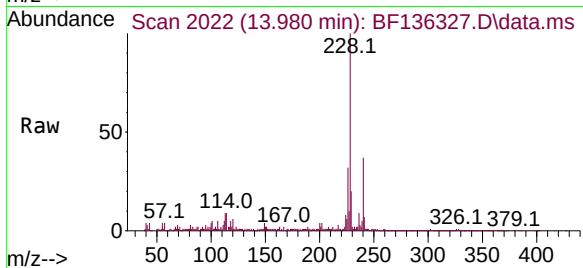




#81
Benzo(a)anthracene
Concen: 10.360 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

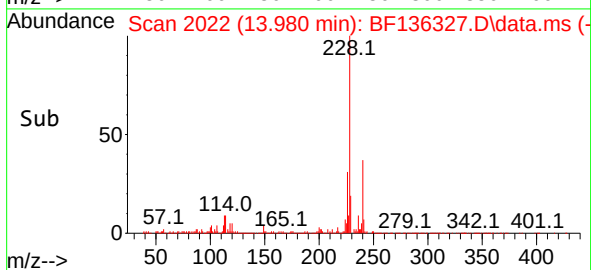
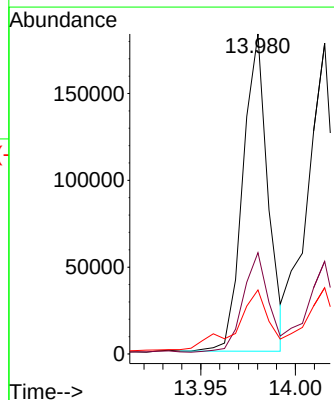
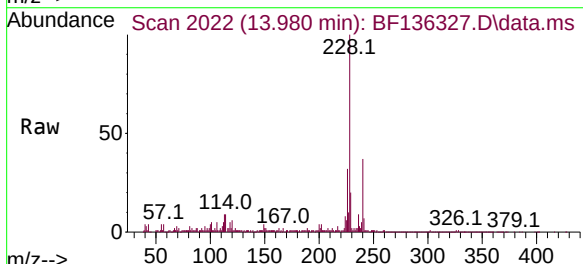
Instrument :
BNA_F
ClientSampleId :

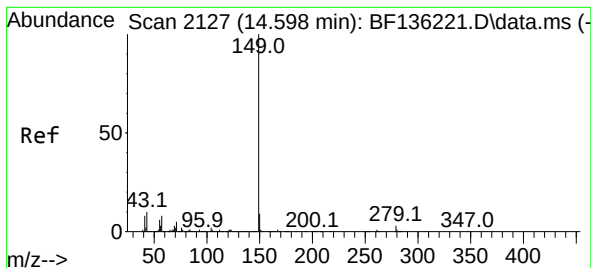
Tgt Ion:228 Resp: 167579
Ion Ratio Lower Upper
228 100
226 31.7 22.6 34.0
229 20.0 14.0 21.0



#83
Chrysene
Concen: 10.730 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.035 min
Lab File: BF136327.D
Acq: 30 Nov 2023 22:21

Tgt Ion:228 Resp: 167579
Ion Ratio Lower Upper
228 100
226 31.7 25.5 38.3
229 20.0 13.9 20.9





#85

Di-n-octyl phthalate

Concen: 5.213 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

Instrument :

BNA_F

ClientSampleId :

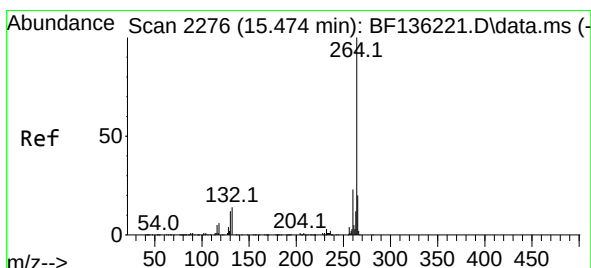
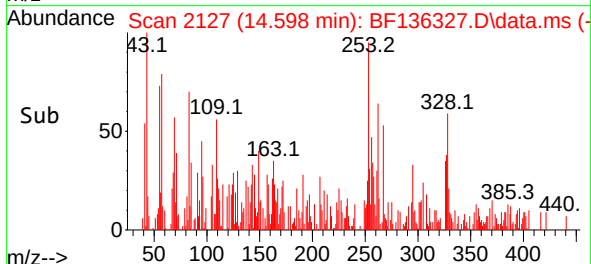
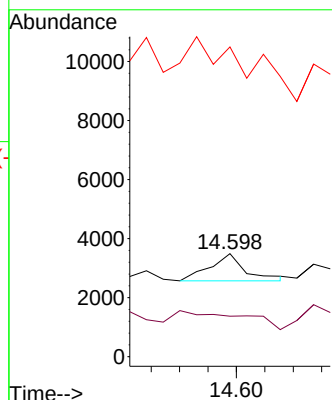
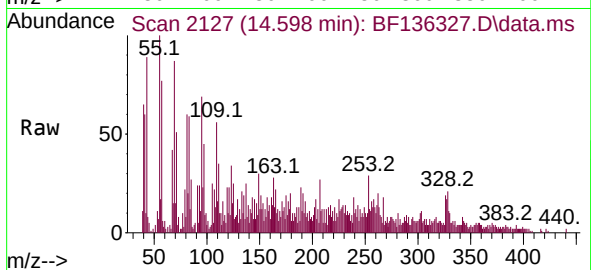
Tgt Ion:149 Resp: 813

Ion Ratio Lower Upper

149 100

167 131.9 1.0 1.6#

43 0.0 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.006 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

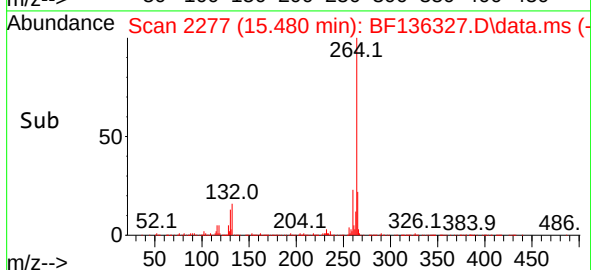
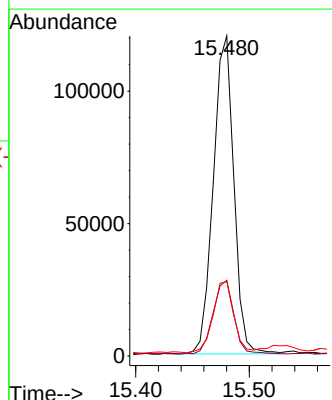
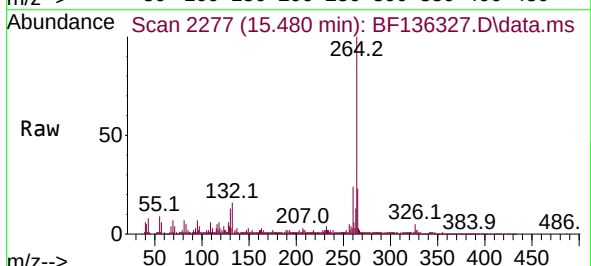
Tgt Ion:264 Resp: 150844

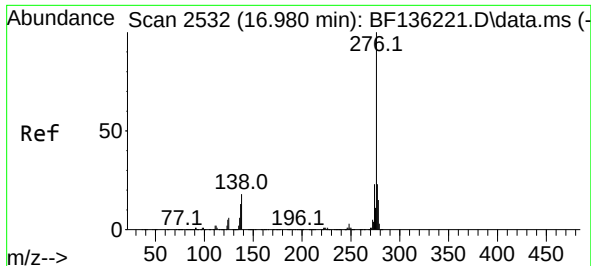
Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 23.3 15.7 23.5

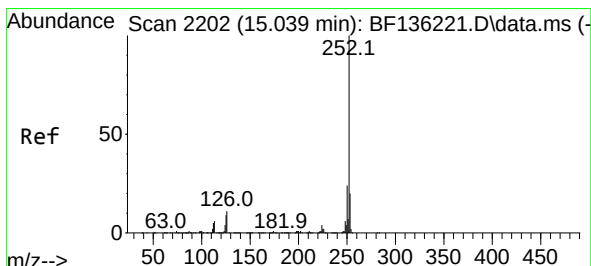
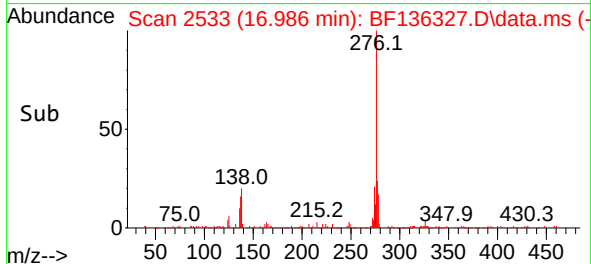
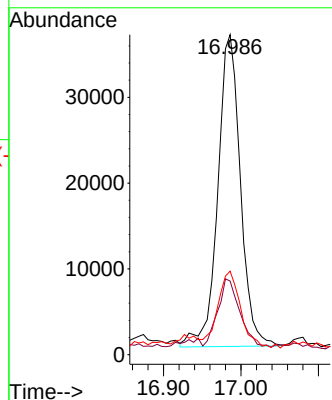
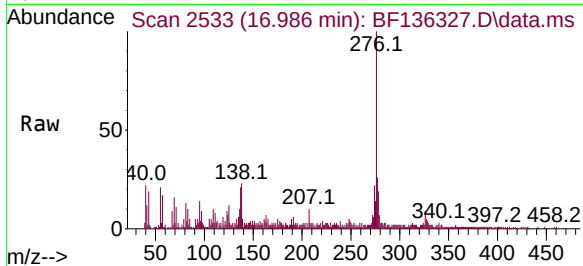




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.868 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF136327.D
 Acq: 30 Nov 2023 22:21

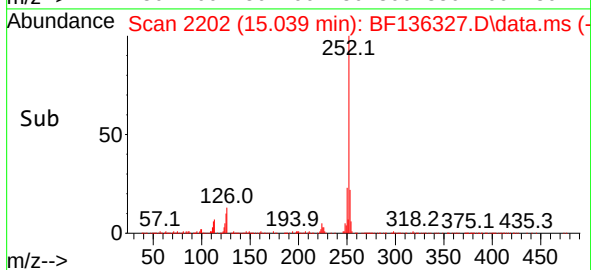
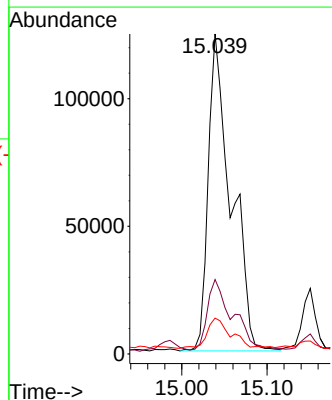
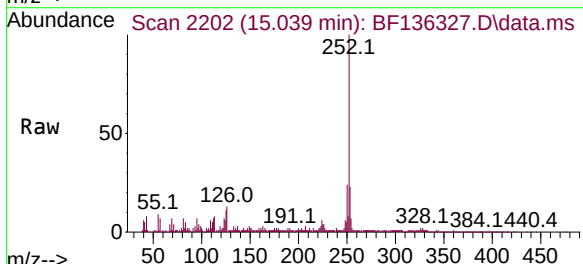
Instrument :
 BNA_F
 ClientSampleId :

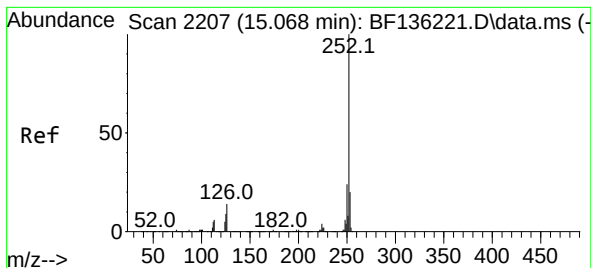
Tgt Ion:276 Resp: 73903
 Ion Ratio Lower Upper
 276 100
 138 21.2 17.7 26.5
 277 24.2 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 21.803 ng
 RT: 15.039 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: BF136327.D
 Acq: 30 Nov 2023 22:21

Tgt Ion:252 Resp: 230740
 Ion Ratio Lower Upper
 252 100
 253 23.2 16.2 24.2
 125 11.2 6.9 10.3#





#89

Benzo(k)fluoranthene

Concen: 22.956 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

Instrument :

BNF

ClientSampleId :

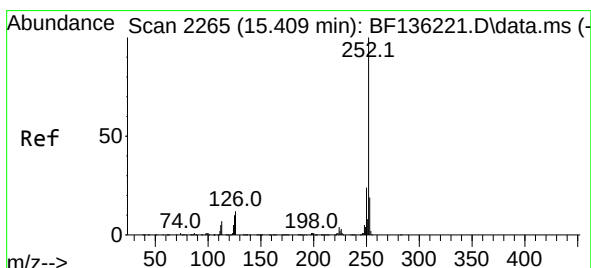
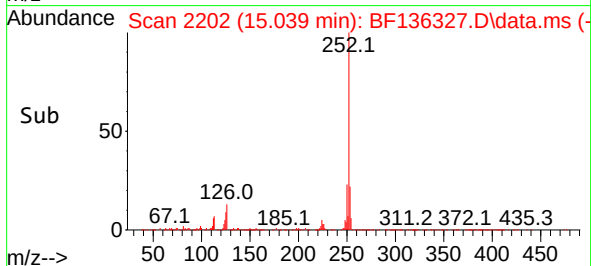
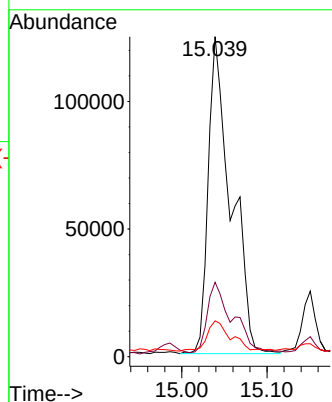
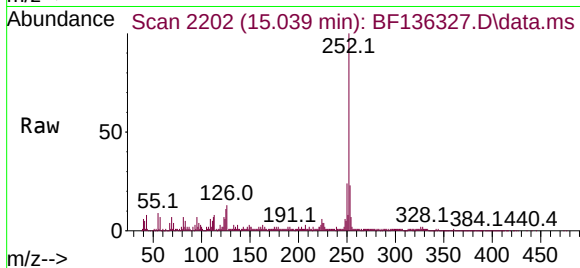
Tgt Ion:252 Resp: 230740

Ion Ratio Lower Upper

252 100

253 23.2 15.6 23.4

125 11.2 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 12.792 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

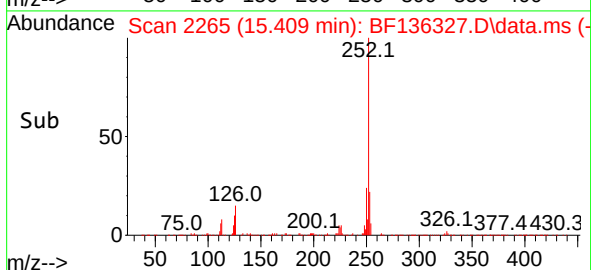
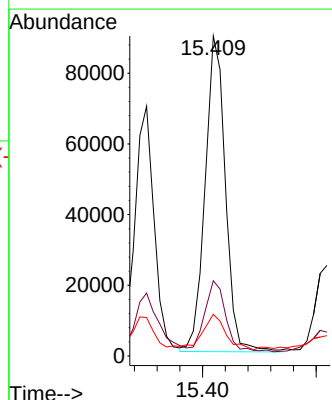
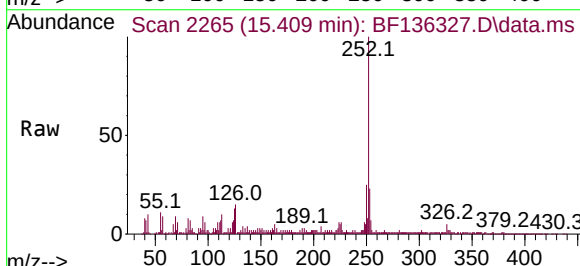
Tgt Ion:252 Resp: 110671

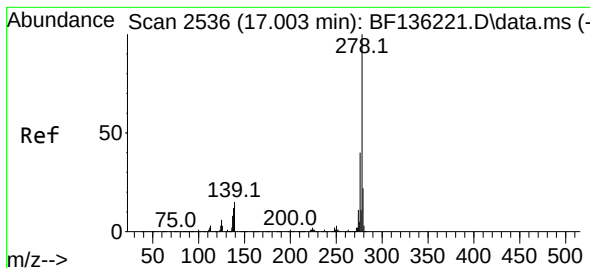
Ion Ratio Lower Upper

252 100

253 23.5 15.5 23.3#

125 13.0 7.9 11.9#





#91

Dibenzo(a,h)anthracene

Concen: 4.676 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

Instrument :

BNA_F

ClientSampleId :

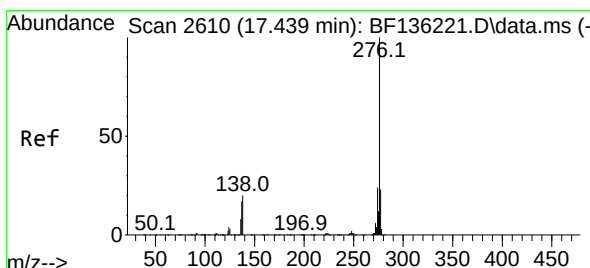
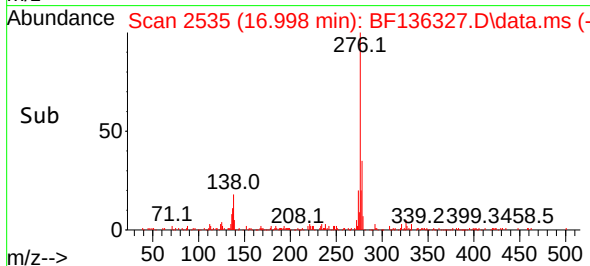
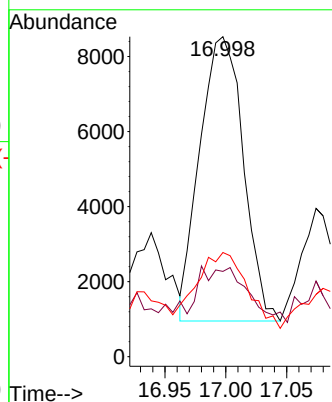
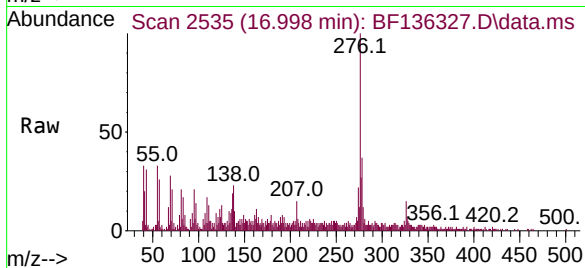
Tgt Ion:278 Resp: 18821

Ion Ratio Lower Upper

278 100

139 26.6 11.7 17.5#

279 32.6 17.8 26.8#



#92

Benzo(g,h,i)perylene

Concen: 9.823 ng

RT: 17.445 min Scan# 2611

Delta R.T. 0.006 min

Lab File: BF136327.D

Acq: 30 Nov 2023 22:21

Tgt Ion:276 Resp: 74908

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 19.6 15.8 23.8

