

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136270.D
 Acq On : 29 Nov 2023 02:25
 Operator : CG\JU
 Sample : 05553-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723

Quant Time: Nov 29 03:13:55 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)

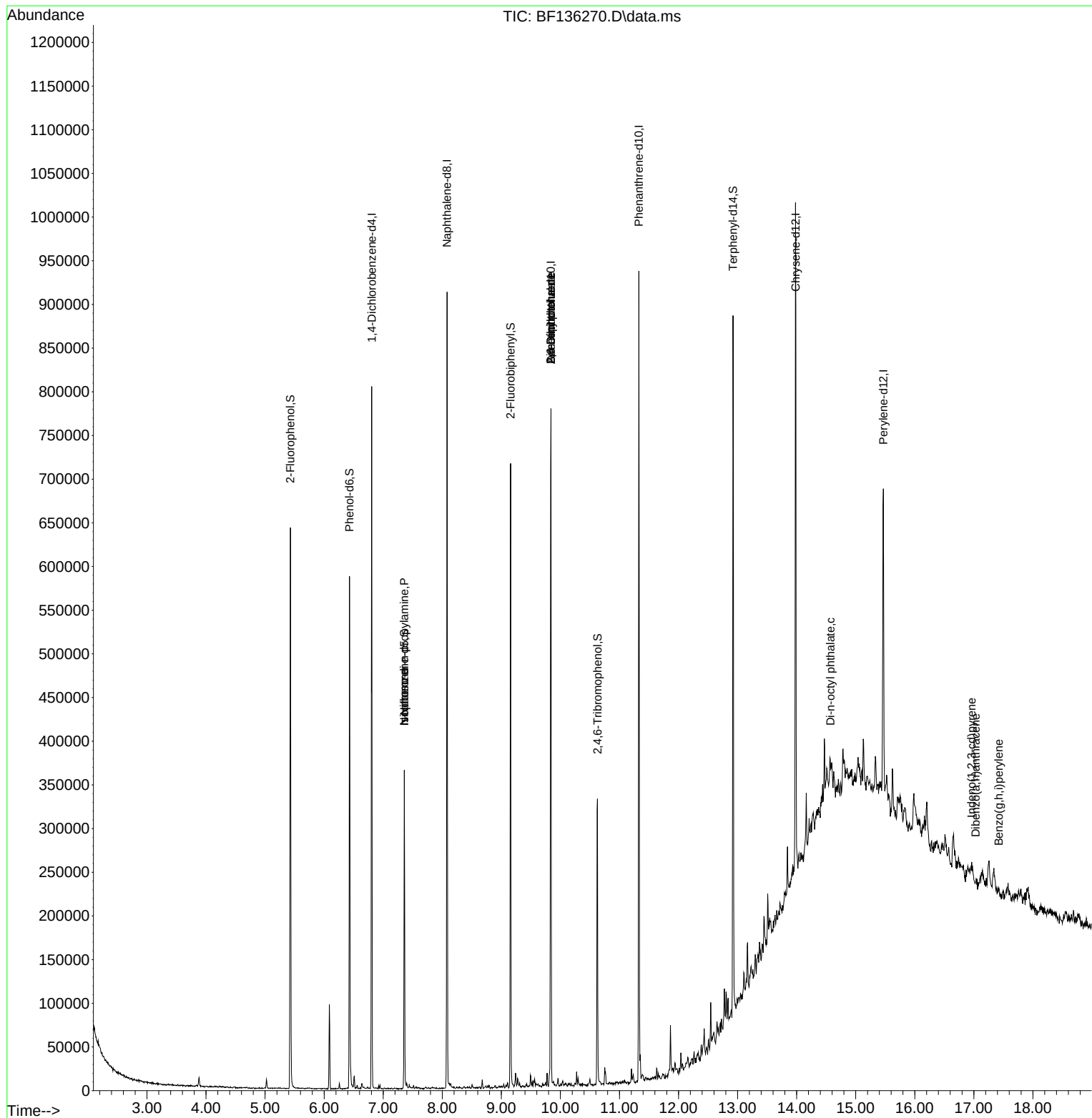
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	104211	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	353476	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	152209	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	310306	20.000	ng	0.00
76) Chrysene-d12	13.980	240	253928	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	169800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	156531	20.906	ng	-0.01
7) Phenol-d6	6.428	99	174618	18.652	ng	-0.02
23) Nitrobenzene-d5	7.357	82	100750	15.062	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	40433	21.728	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	190452	15.982	ng	-0.01
79) Terphenyl-d14	12.922	244	264897	12.033	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	12879	2.300	ng	# 82
25) Isophorone	7.357	82	100748	8.353	ng	# 68
50) Dimethylphthalate	9.839	163	32029	2.784	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	19250	8.191	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	19250	6.132	ng	# 28
85) Di-n-octyl phthalate	14.574	149	101	5.168	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.962	276	5721	3.105	ng	# 84
91) Dibenzo(a,h)anthracene	17.033	278	1300	2.834	ng	# 1
92) Benzo(g,h,i)perylene	17.421	276	4580	2.331	ng	# 74

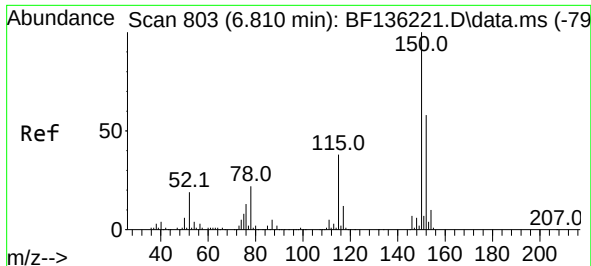
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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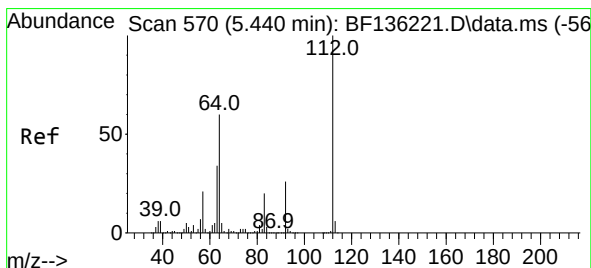
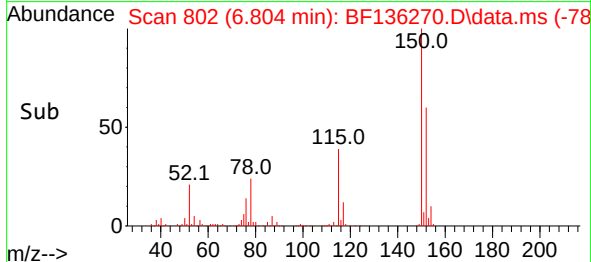
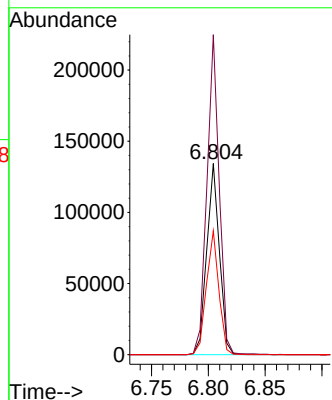
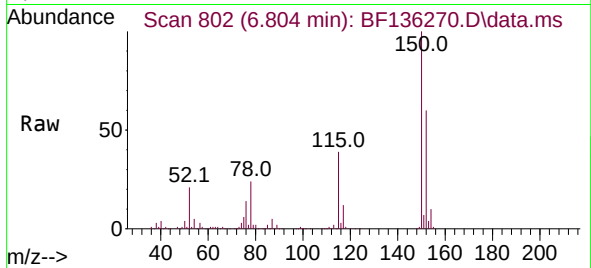




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

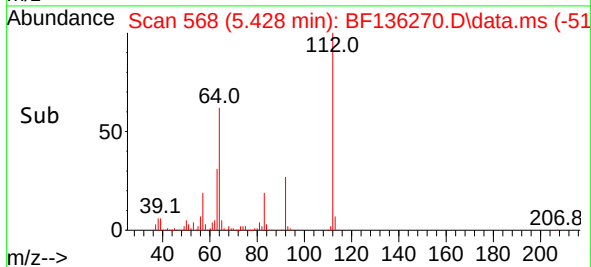
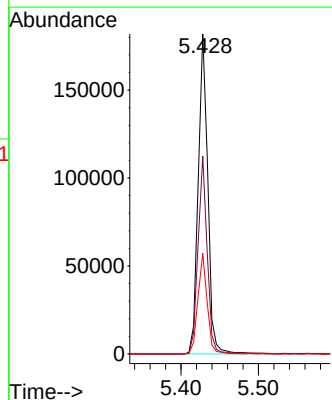
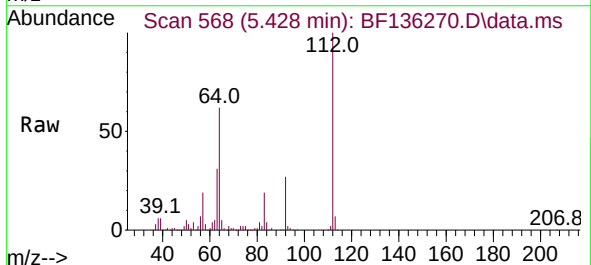
Instrument :
BNA_F
ClientSampleId :
HD-01-112723

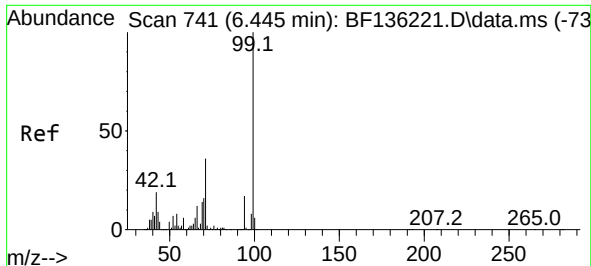
Tgt Ion:152 Resp: 104211
Ion Ratio Lower Upper
152 100
150 167.3 137.8 206.8
115 64.8 52.7 79.1



#5
2-Fluorophenol
Concen: 20.906 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.012 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

Tgt Ion:112 Resp: 156531
Ion Ratio Lower Upper
112 100
64 61.9 48.2 72.4
63 31.4 27.0 40.6

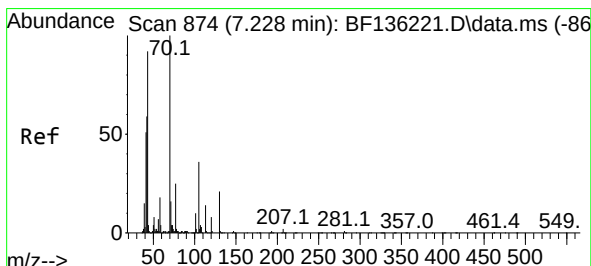
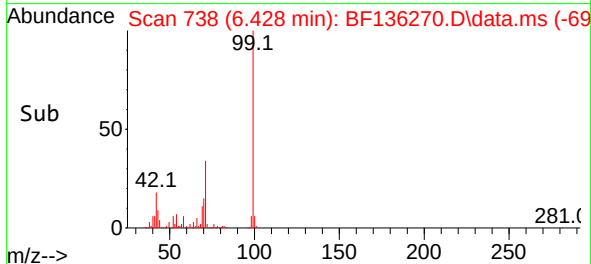
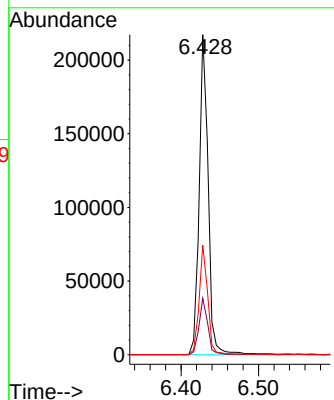
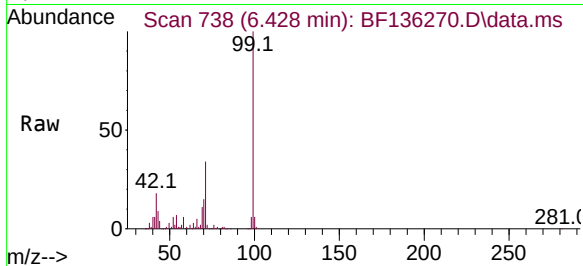




#7
Phenol-d6
Concen: 18.652 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

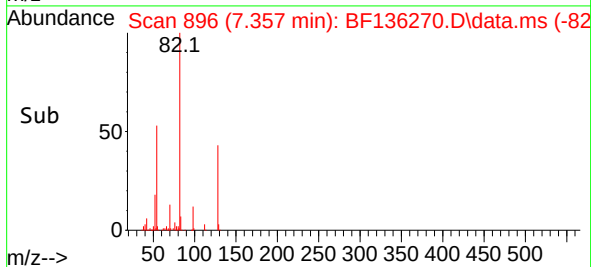
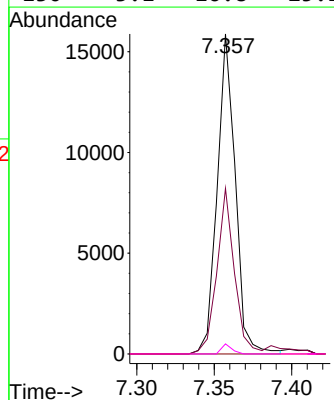
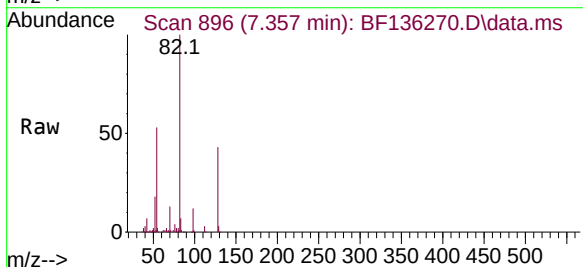
Instrument :
BNA_F
ClientSampleId :
HD-01-112723

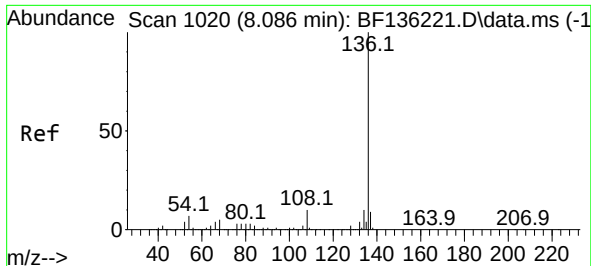
Tgt Ion: 99 Resp: 174618
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.6
71 34.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.300 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.130 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

Tgt Ion: 70 Resp: 12879
Ion Ratio Lower Upper
70 100
42 51.8 47.0 70.4
101 0.0 7.8 11.8#
130 3.1 16.8 25.2#

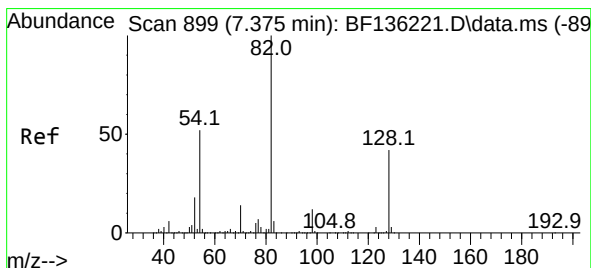
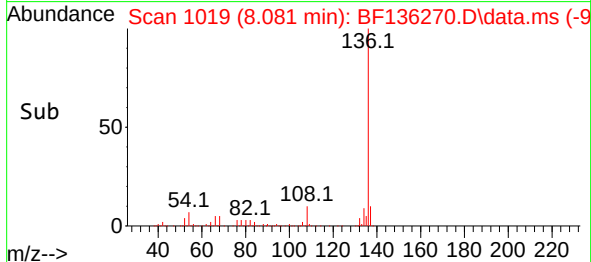
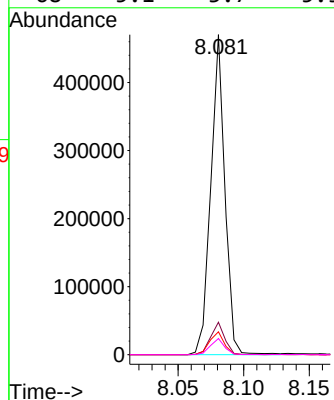
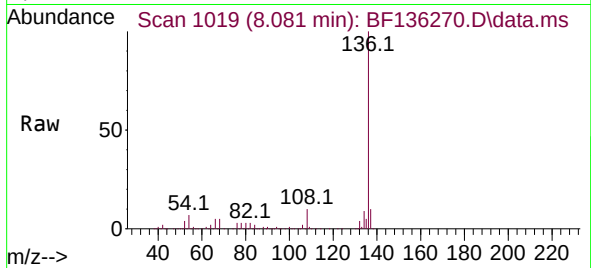




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

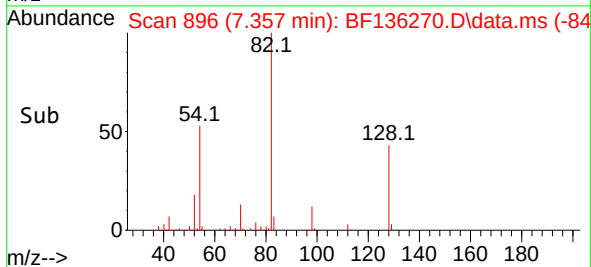
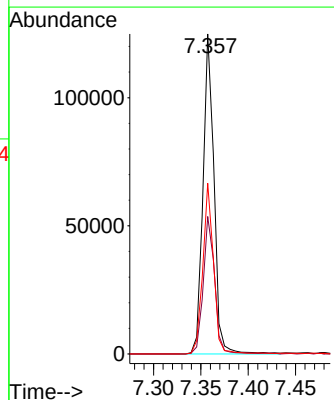
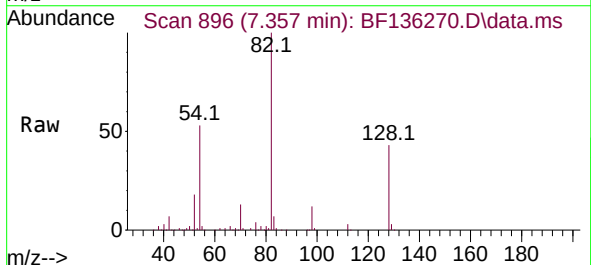
Instrument :
BNA_F
ClientSampleId :
HD-01-112723

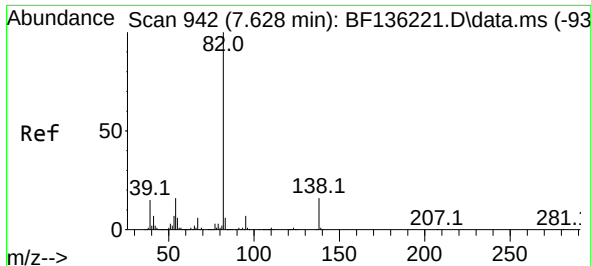
Tgt Ion:136 Resp: 353476
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 7.2 5.5 8.3
68 5.1 3.7 5.5



#23
Nitrobenzene-d5
Concen: 15.062 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

Tgt Ion: 82 Resp: 100750
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.2
54 53.4 41.7 62.5





#25

Isophorone

Concen: 8.353 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.270 min

Lab File: BF136270.D

Acq: 29 Nov 2023 02:25

Instrument :

BNA_F

ClientSampleId :

HD-01-112723

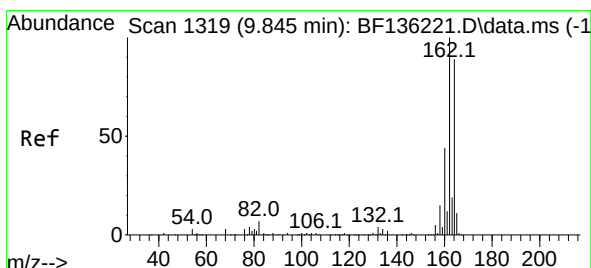
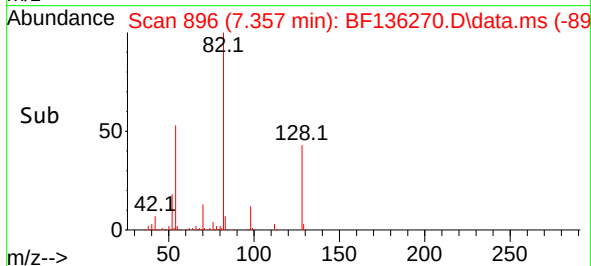
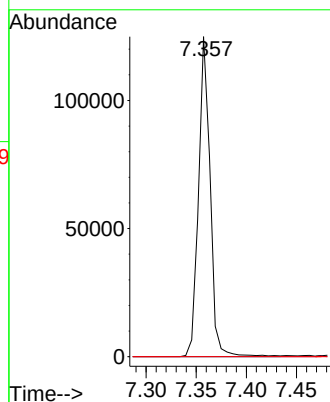
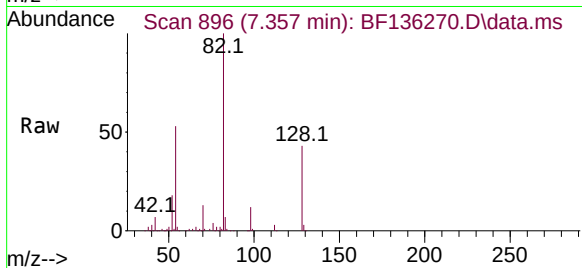
Tgt Ion: 82 Resp: 100748

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: BF136270.D

Acq: 29 Nov 2023 02:25

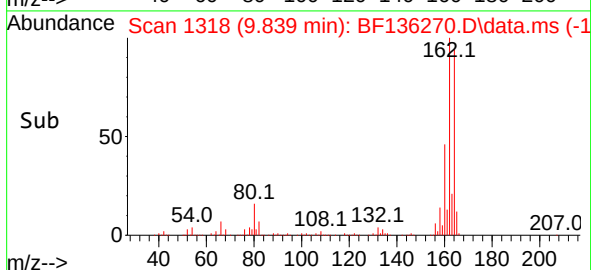
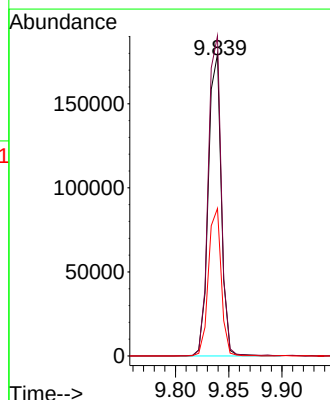
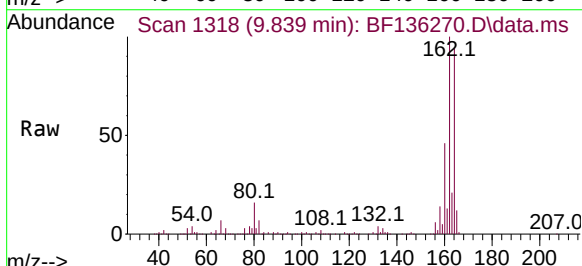
Tgt Ion: 164 Resp: 152209

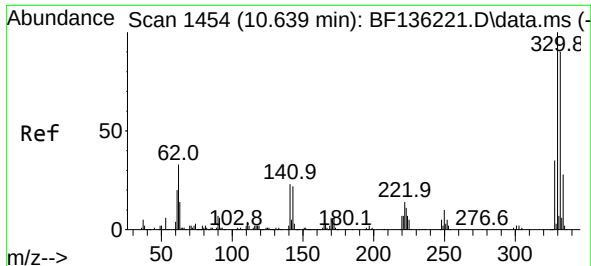
Ion Ratio Lower Upper

164 100

162 106.1 89.5 134.3

160 48.9 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 21.728 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136270.D

Acq: 29 Nov 2023 02:25

Instrument :

BNA_F

ClientSampleId :

HD-01-112723

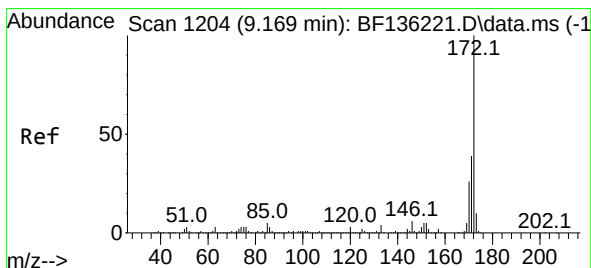
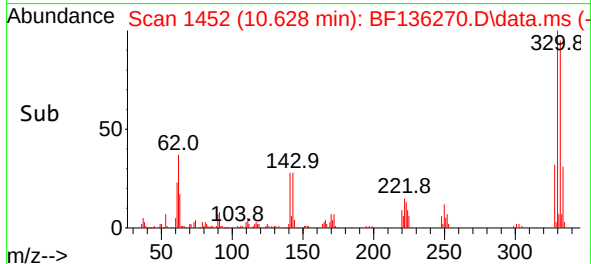
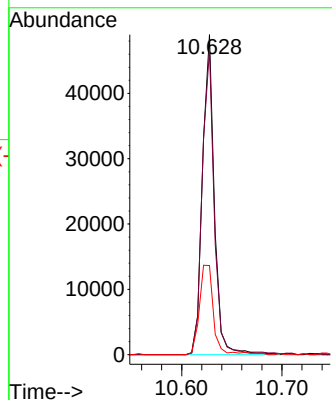
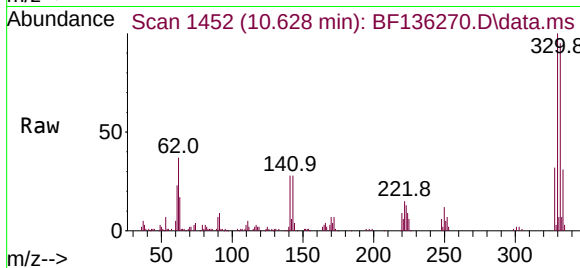
Tgt Ion:330 Resp: 40433

Ion Ratio Lower Upper

330 100

332 97.5 73.0 109.6

141 33.2 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 15.982 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136270.D

Acq: 29 Nov 2023 02:25

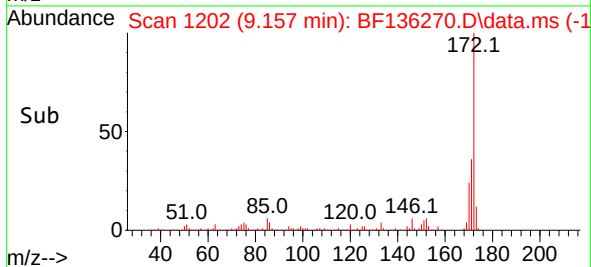
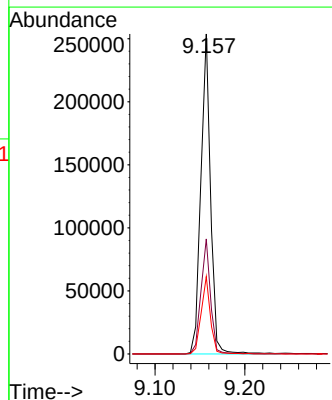
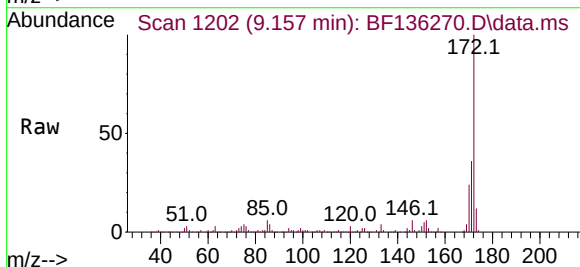
Tgt Ion:172 Resp: 190452

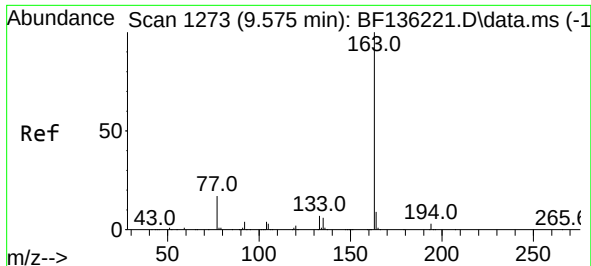
Ion Ratio Lower Upper

172 100

171 36.0 31.5 47.3

170 24.1 20.8 31.2

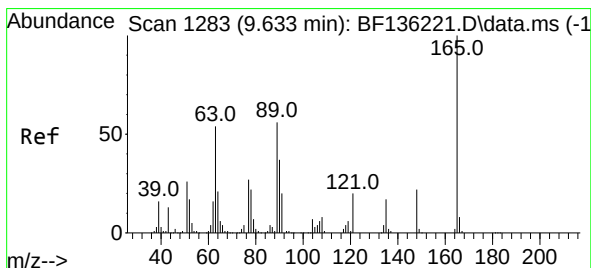
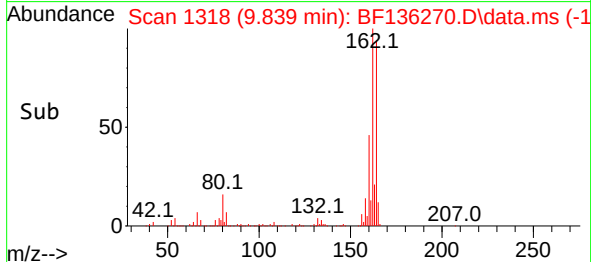
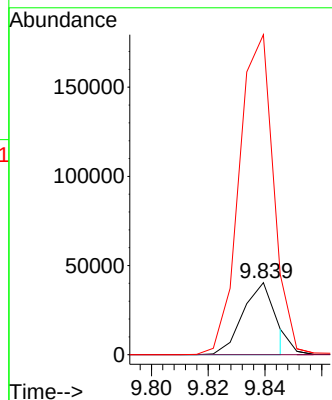
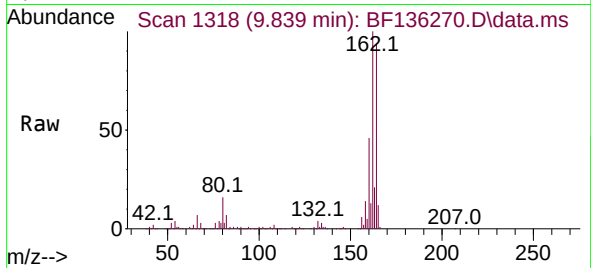




#50
Dimethylphthalate
Concen: 2.784 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

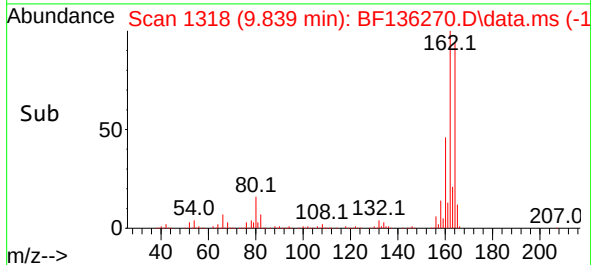
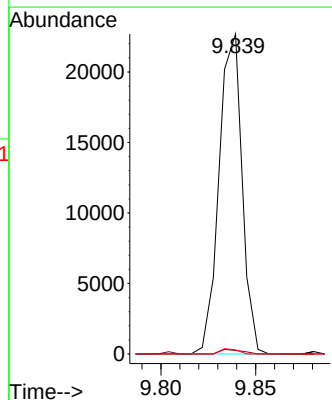
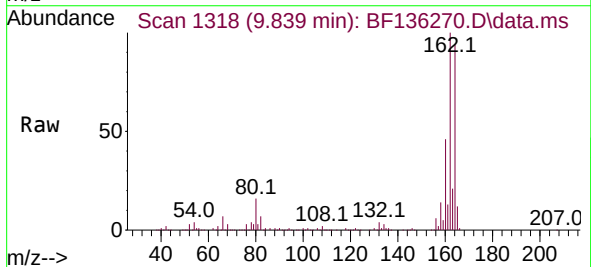
Instrument :
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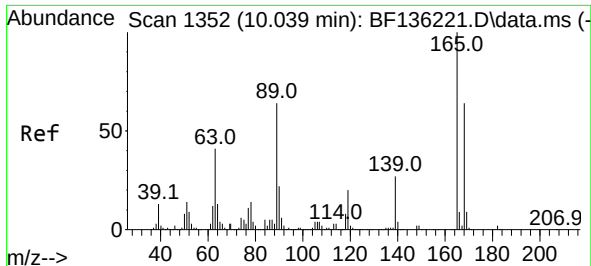
Tgt Ion:163 Resp: 32029
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 444.5 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.191 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

Tgt Ion:165 Resp: 19250
Ion Ratio Lower Upper
165 100
63 1.1 46.2 69.2#
89 1.3 44.9 67.3#

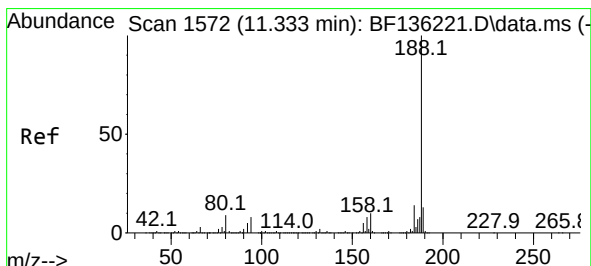
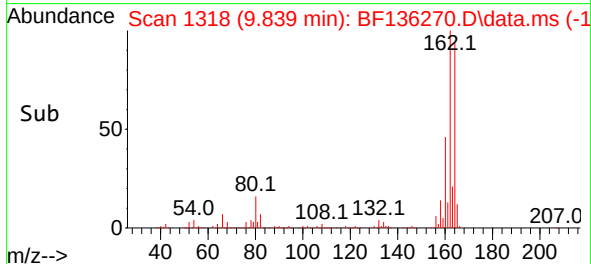
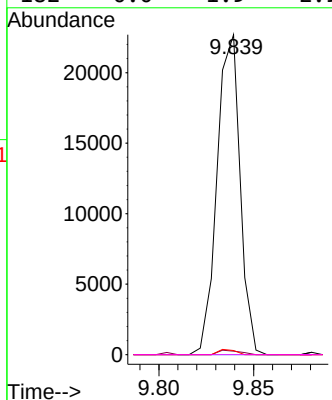
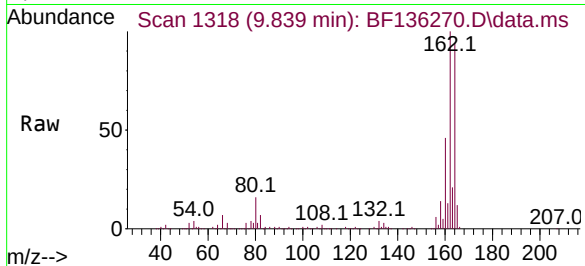




#57
2,4-Dinitrotoluene
Concen: 6.132 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

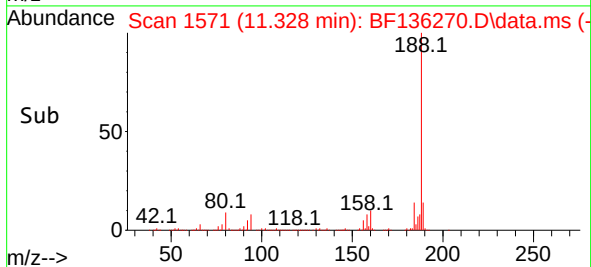
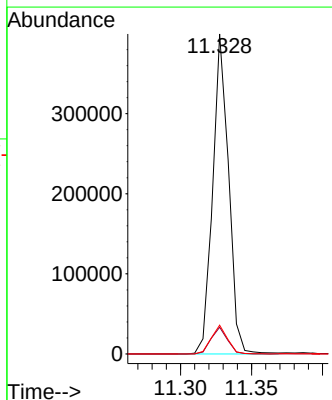
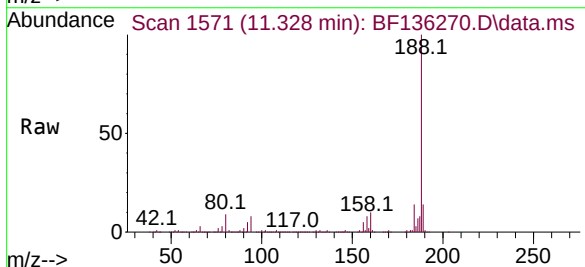
Instrument :
BNA_F
ClientSampleId :
HD-01-112723

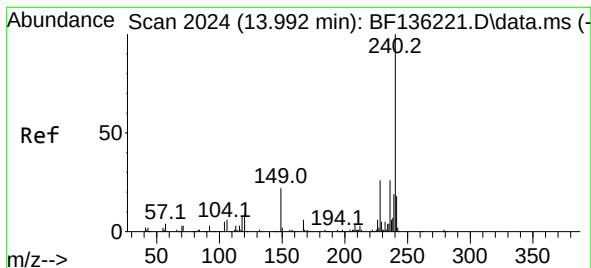
Tgt Ion:165 Resp: 19250
Ion Ratio Lower Upper
165 100
63 1.1 33.0 49.4#
89 1.3 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

Tgt Ion:188 Resp: 310306
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.0 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136270.D

Acq: 29 Nov 2023 02:25

Instrument :

BNA_F

ClientSampleId :

HD-01-112723

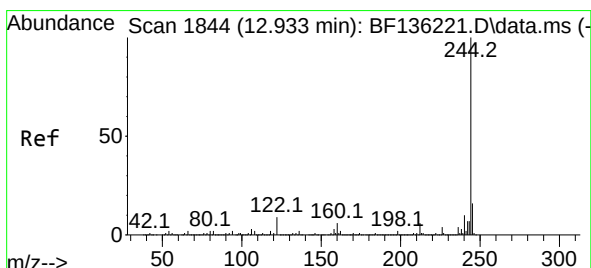
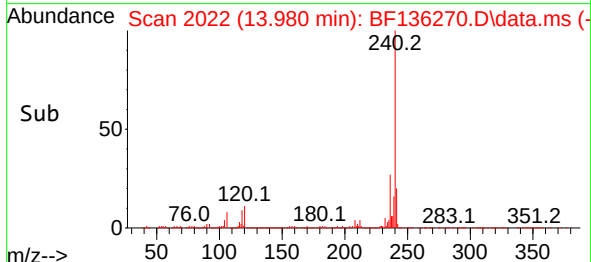
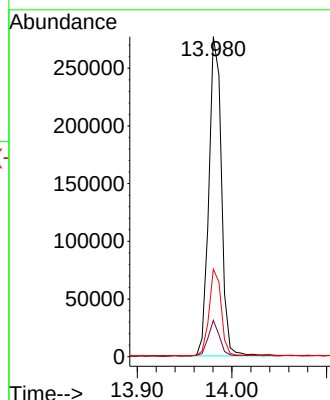
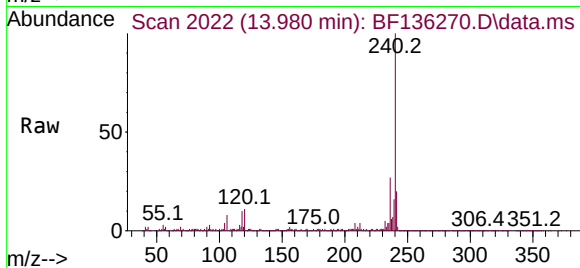
Tgt Ion:240 Resp: 253928

Ion Ratio Lower Upper

240 100

120 11.4 7.4 11.2#

236 27.4 21.1 31.7



#79

Terphenyl-d14

Concen: 12.033 ng

RT: 12.922 min Scan# 1842

Delta R.T. -0.012 min

Lab File: BF136270.D

Acq: 29 Nov 2023 02:25

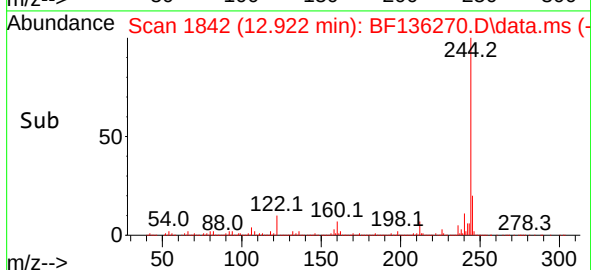
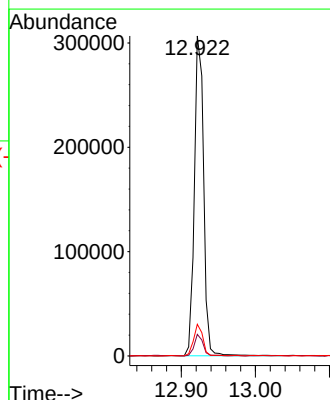
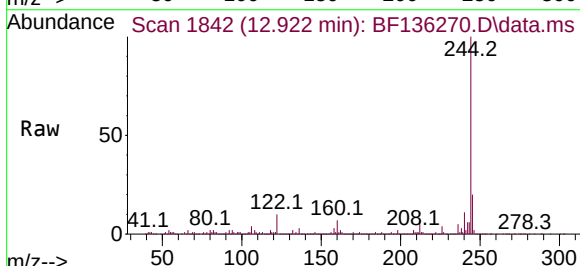
Tgt Ion:244 Resp: 264897

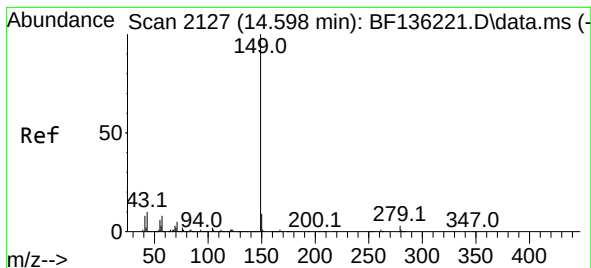
Ion Ratio Lower Upper

244 100

212 6.7 4.6 7.0

122 9.9 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.168 ng

RT: 14.574 min Scan# 2123

Delta R.T. -0.024 min

Lab File: BF136270.D

Acq: 29 Nov 2023 02:25

Instrument :

BNA_F

ClientSampleId :

HD-01-112723

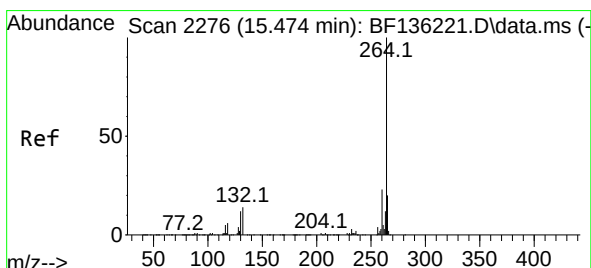
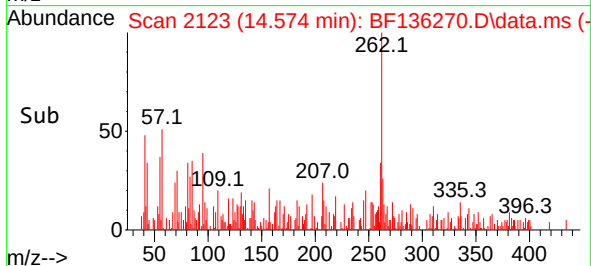
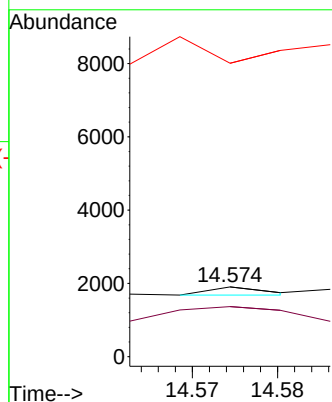
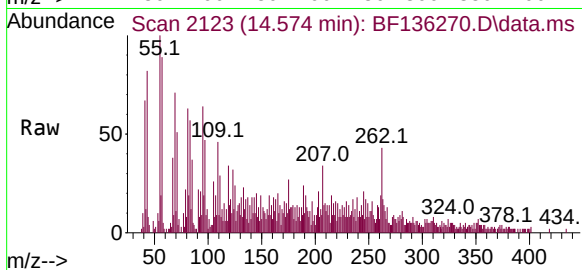
Tgt Ion:149 Resp: 101

Ion Ratio Lower Upper

149 100

167 360.4 1.0 1.6#

43 818.8 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: BF136270.D

Acq: 29 Nov 2023 02:25

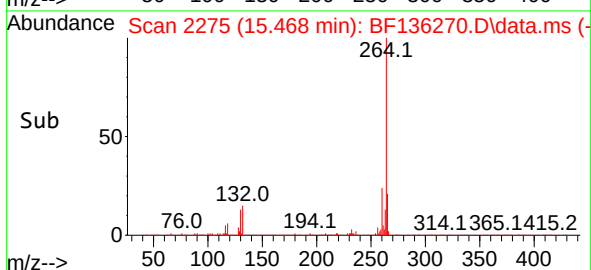
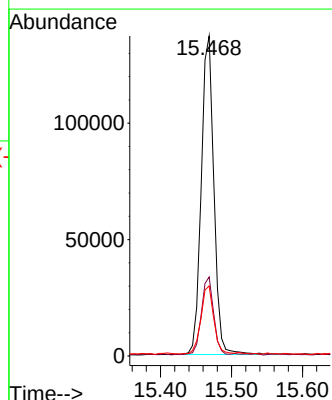
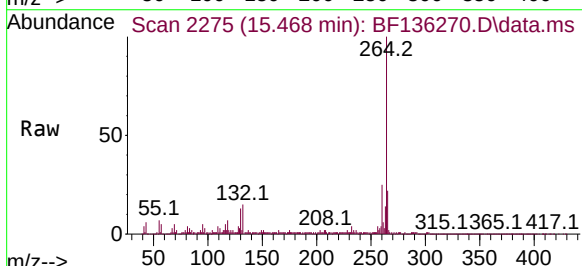
Tgt Ion:264 Resp: 169800

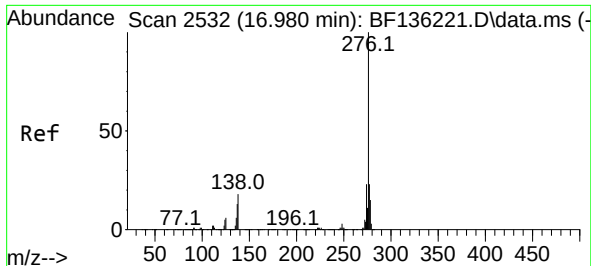
Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 21.9 15.7 23.5

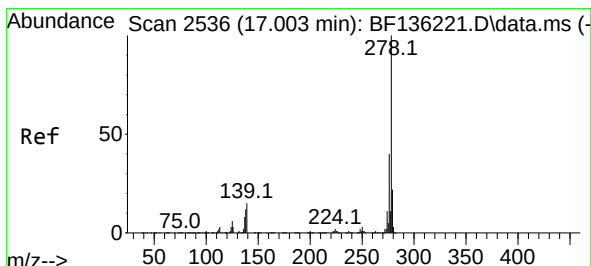
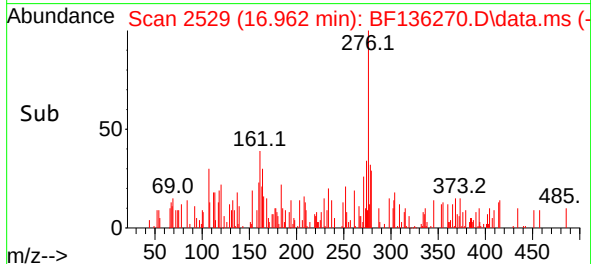
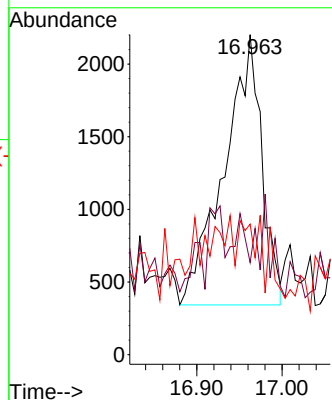
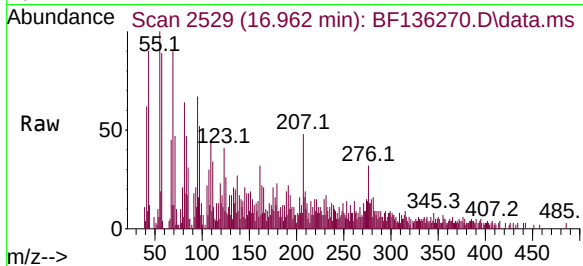




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.105 ng
 RT: 16.962 min Scan# 2529
 Delta R.T. -0.018 min
 Lab File: BF136270.D
 Acq: 29 Nov 2023 02:25

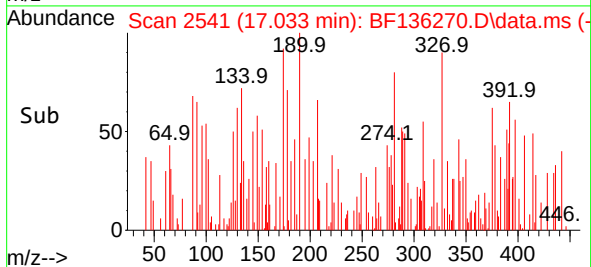
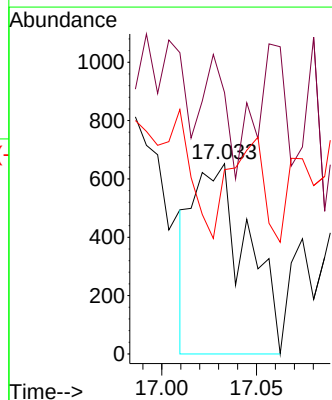
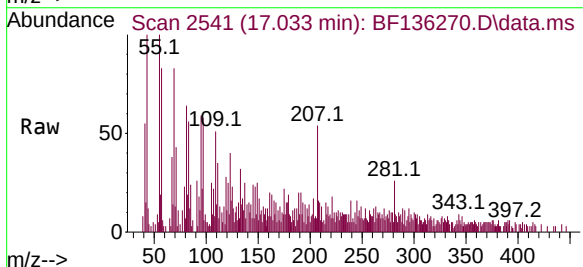
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723

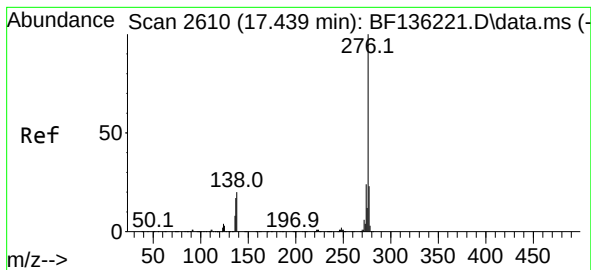
Tgt Ion:276 Resp: 5721
 Ion Ratio Lower Upper
 276 100
 138 12.2 17.7 26.5#
 277 19.0 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 2.834 ng
 RT: 17.033 min Scan# 2541
 Delta R.T. 0.030 min
 Lab File: BF136270.D
 Acq: 29 Nov 2023 02:25

Tgt Ion:278 Resp: 1300
 Ion Ratio Lower Upper
 278 100
 139 137.4 11.7 17.5#
 279 96.9 17.8 26.8#





#92

Benzo(g,h,i)perylene

Concen: 2.331 ng

RT: 17.421 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF136270.D

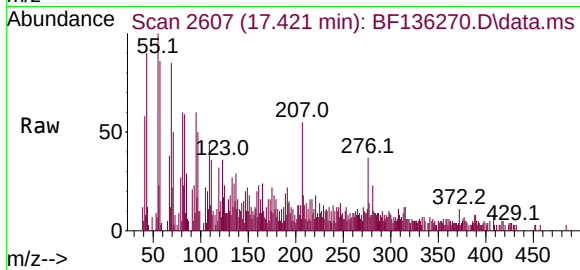
Acq: 29 Nov 2023 02:25

Instrument :

BNA_F

ClientSampleId :

HD-01-112723



Tgt Ion:276 Resp: 4580

Ion Ratio Lower Upper

276 100

277 38.6 18.6 27.8#

138 28.9 15.8 23.8#

