

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136318.D
 Acq On : 30 Nov 2023 17:32
 Operator : CG\JU
 Sample : 05451-03RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:09:19 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)

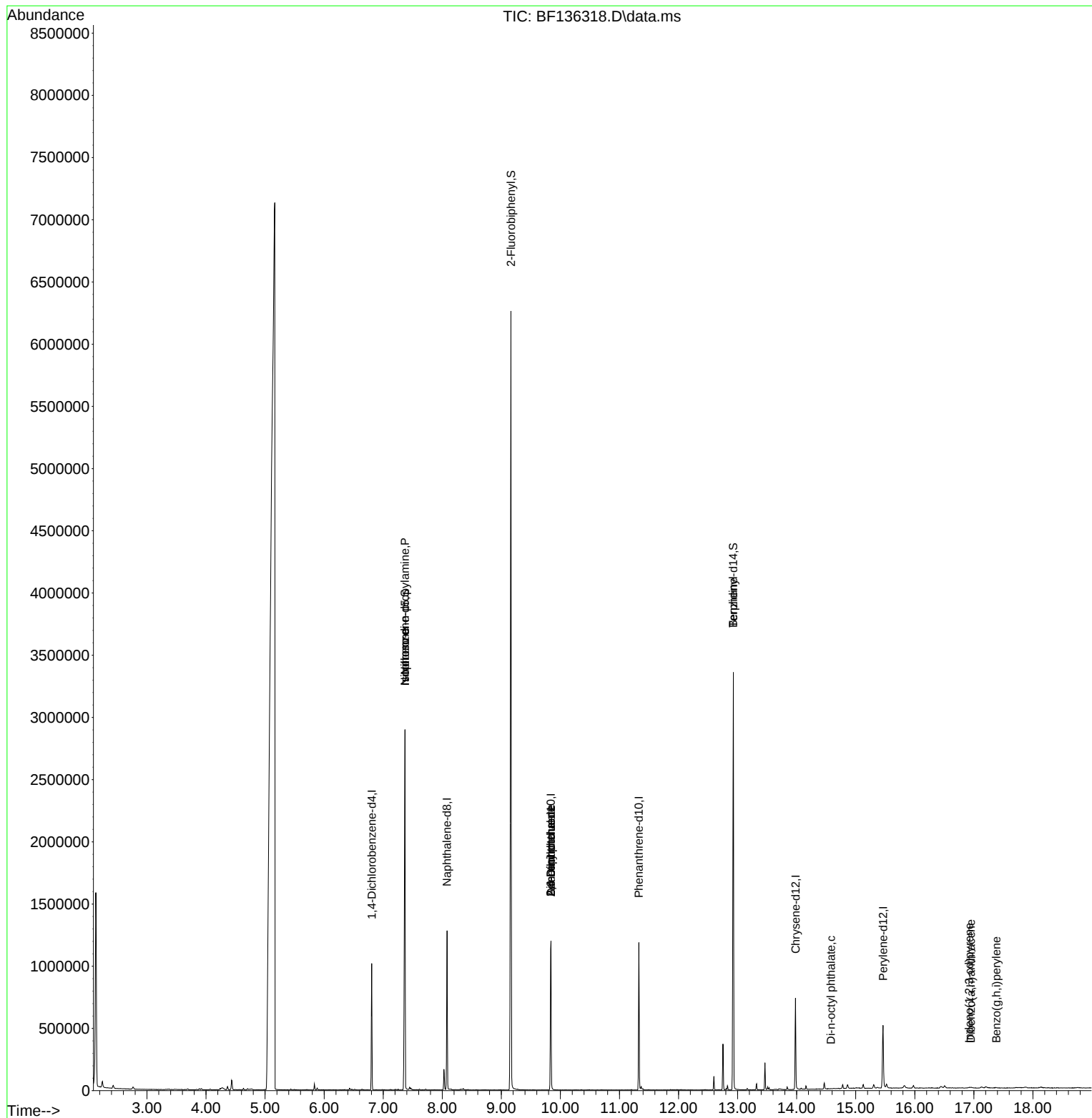
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	132310	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	532791	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	253869	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	406371	20.000	ng	0.00
76) Chrysene-d12	13.980	240	240758	20.000	ng	-0.01
86) Perylene-d12	15.463	264	249610	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	343	0.036	ng	0.01
7) Phenol-d6	6.428	99	5043	0.424	ng	-0.02
23) Nitrobenzene-d5	7.369	82	997402	98.924	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.163	172	2026311	101.951	ng	0.00
79) Terphenyl-d14	12.927	244	1185367	56.792	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	130872	18.410	ng	# 74
25) Isophorone	7.369	82	996464	54.811	ng	# 68
50) Dimethylphthalate	9.839	163	52160	2.718	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	32183	8.210	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	32183	6.146	ng	# 28
77) Benzidine	12.927	184	13646	3.448	ng	# 92
85) Di-n-octyl phthalate	14.580	149	160	5.171	ng	# 67
87) Indeno(1,2,3-cd)pyrene	16.921	276	5186	2.942	ng	# 94
91) Dibenzo(a,h)anthracene	16.951	278	4542	3.000	ng	# 87
92) Benzo(g,h,i)perylene	17.380	276	3792	2.143	ng	# 88

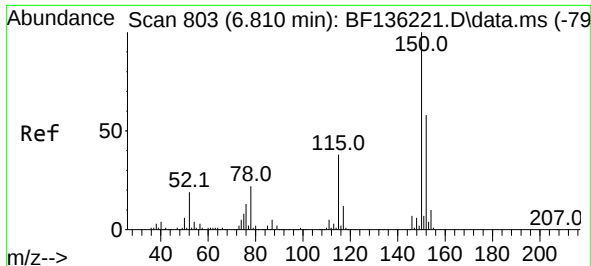
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136318.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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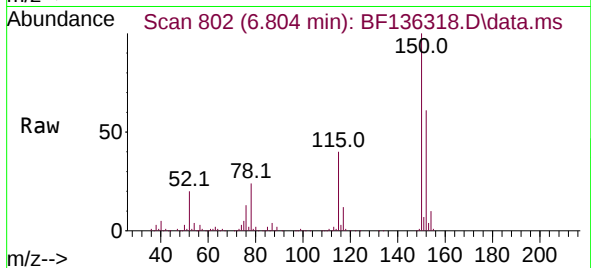
Quant Time: Dec 01 00:09:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
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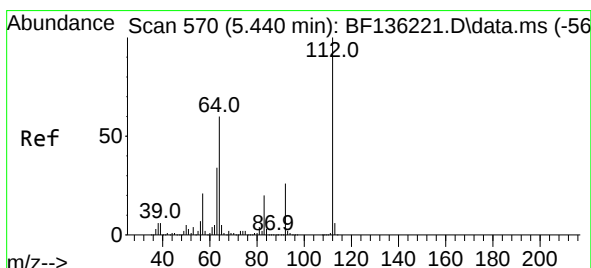
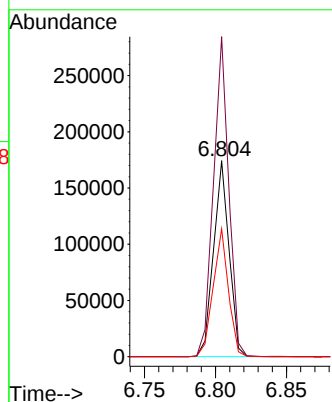
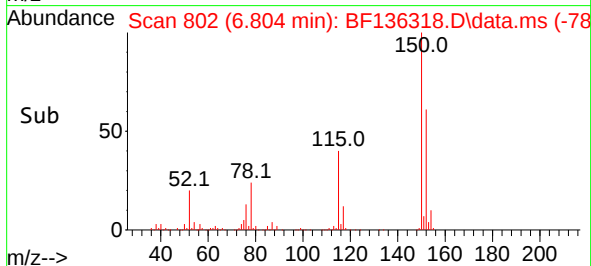


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

Instrument :
BNA_F
ClientSampleId :

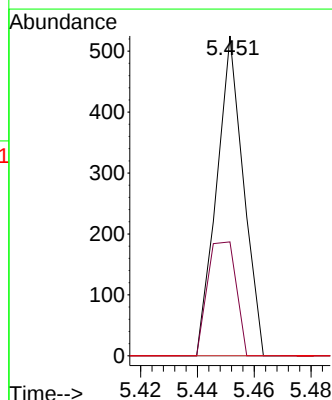
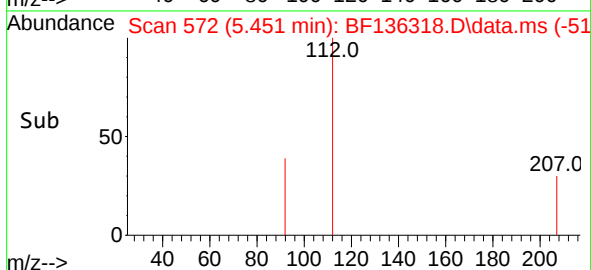
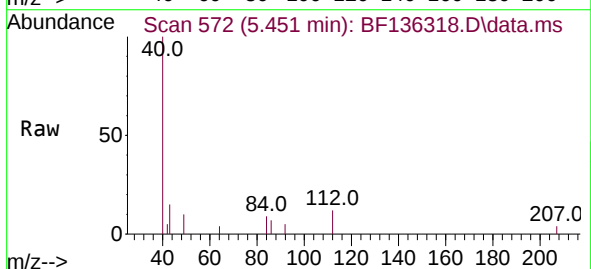


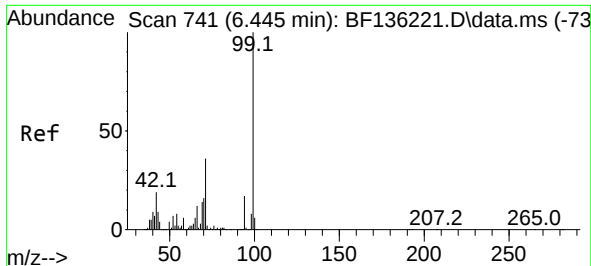
Tgt Ion:152 Resp: 132310
Ion Ratio Lower Upper
152 100
150 163.2 137.8 206.8
115 65.2 52.7 79.1



#5
2-Fluorophenol
Concen: 0.036 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

Tgt Ion:112 Resp: 343
Ion Ratio Lower Upper
112 100
64 35.6 48.2 72.4#
63 0.0 27.0 40.6#

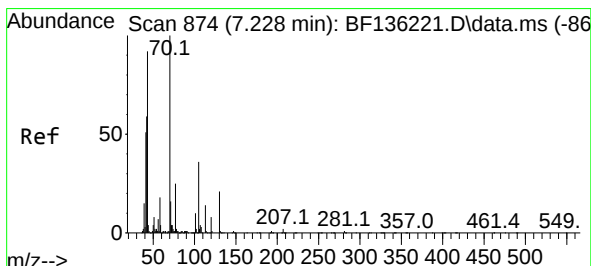
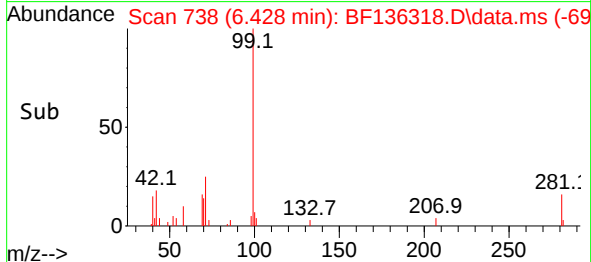
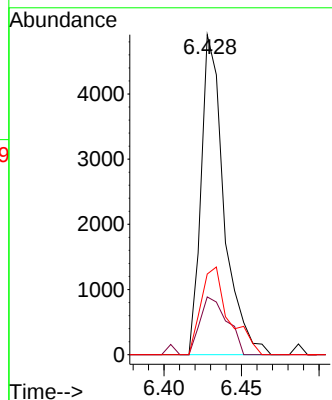
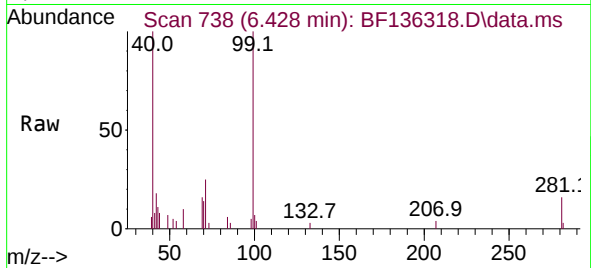




#7
Phenol-d6
Concen: 0.424 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

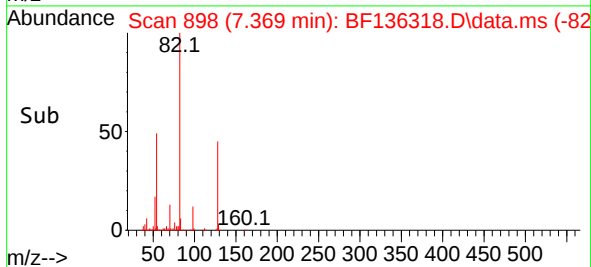
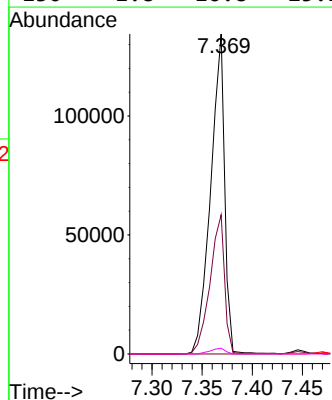
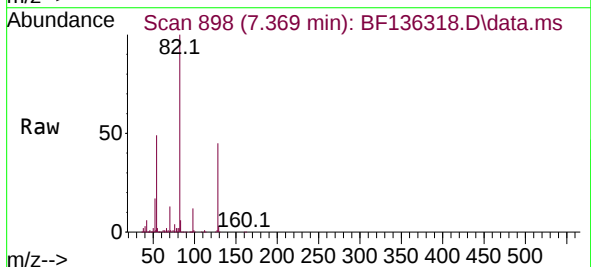
Instrument :
BNA_F
ClientSampleId :

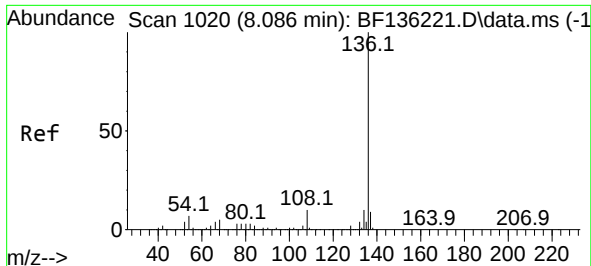
Tgt Ion: 99 Resp: 5043
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 25.2 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.410 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

Tgt Ion: 70 Resp: 130872
Ion Ratio Lower Upper
70 100
42 43.5 47.0 70.4#
101 0.0 7.8 11.8#
130 1.8 16.8 25.2#

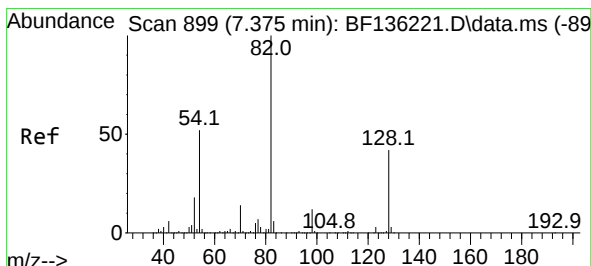
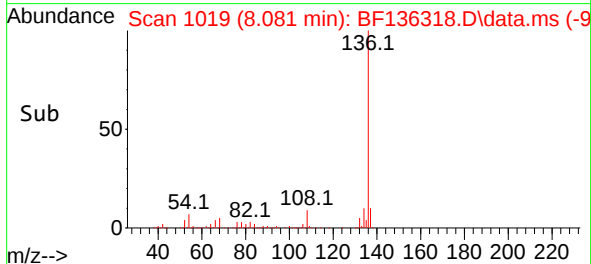
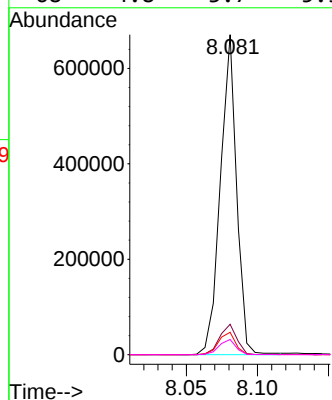
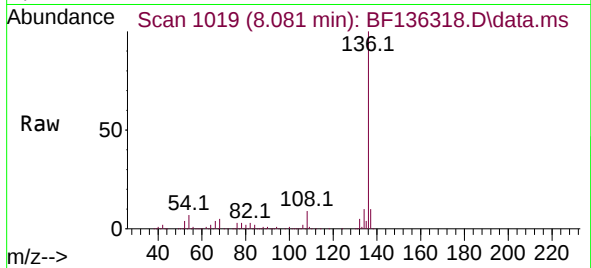




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

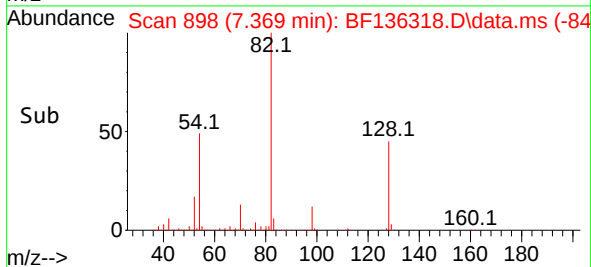
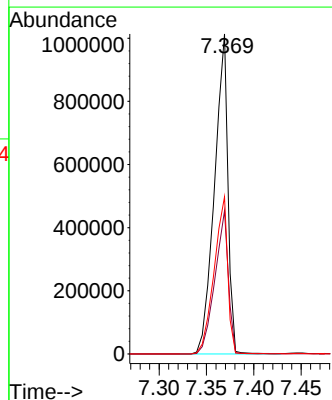
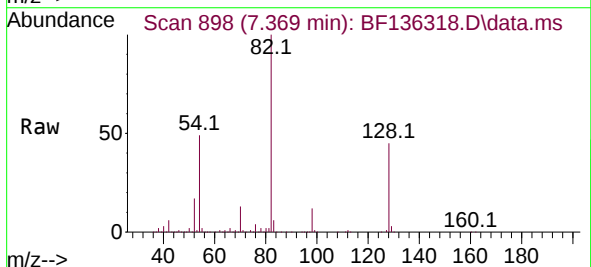
Instrument :
BNA_F
ClientSampleId :

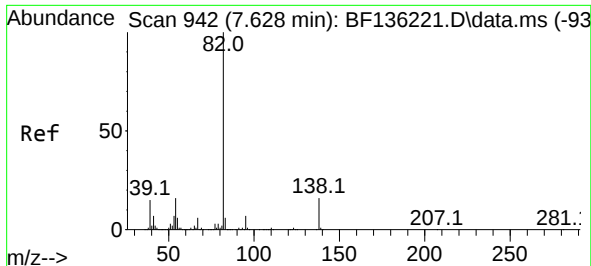
Tgt Ion:136 Resp: 532791
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.2
54 7.0 5.5 8.3
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 98.924 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

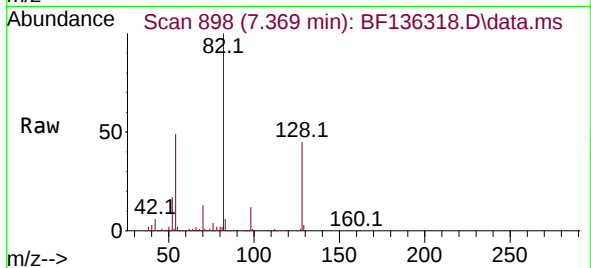
Tgt Ion: 82 Resp: 997402
Ion Ratio Lower Upper
82 100
128 44.7 33.4 50.2
54 49.1 41.7 62.5



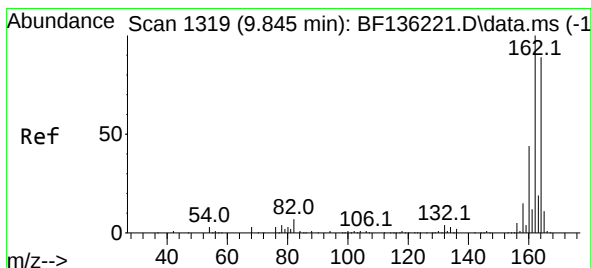
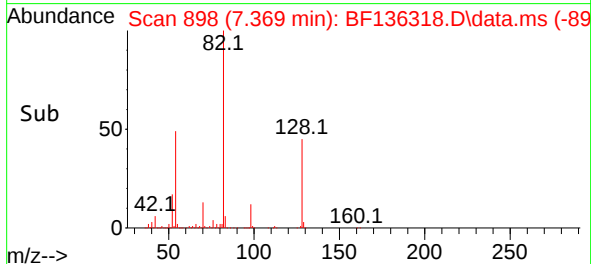
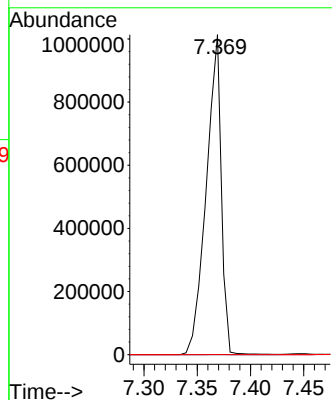


#25
Isophorone
Concen: 54.811 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

Instrument :
BNA_F
ClientSampleId :

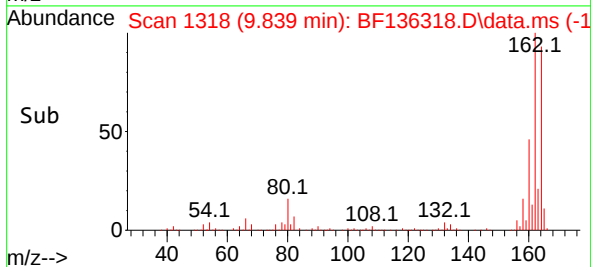
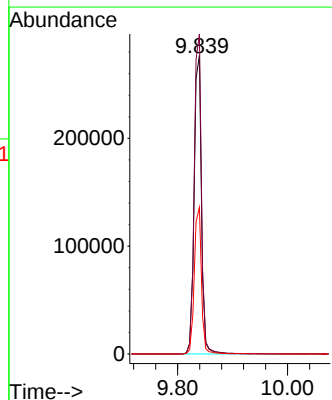
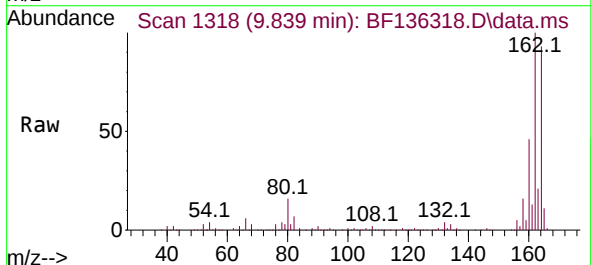


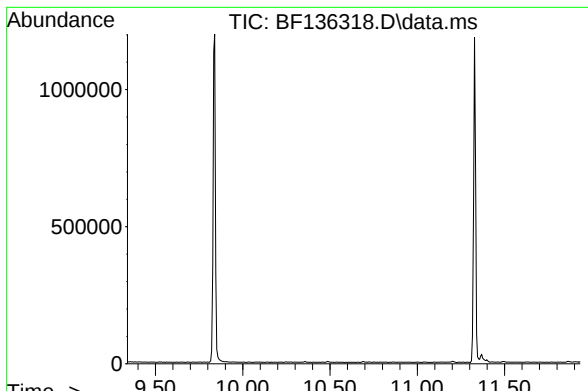
Tgt Ion: 82 Resp: 996464
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

Tgt Ion:164 Resp: 253869
Ion Ratio Lower Upper
164 100
162 107.2 89.5 134.3
160 49.1 39.6 59.4



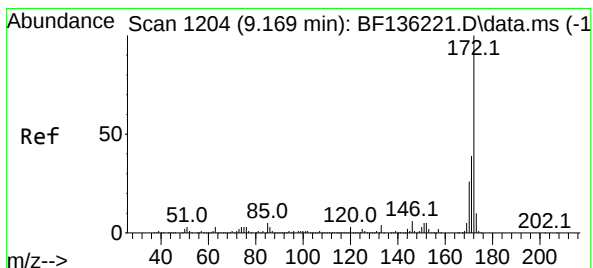
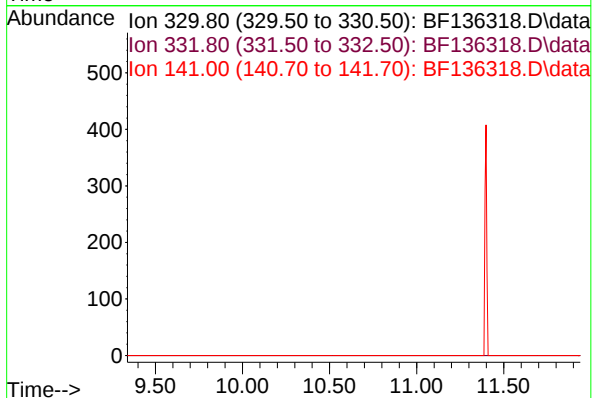


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.64 min
 Lab File: BF136318.D
 Acq: 30 Nov 2023 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 330

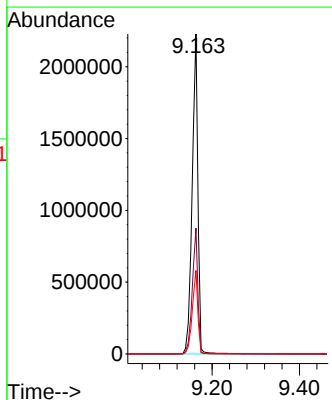
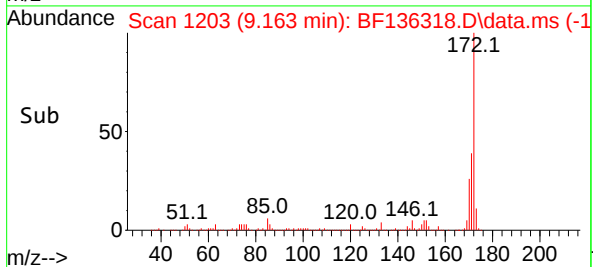
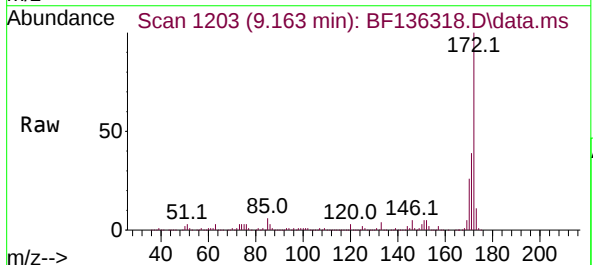
Sig	Exp Ratio
330	100
332	91.3
141	30.2

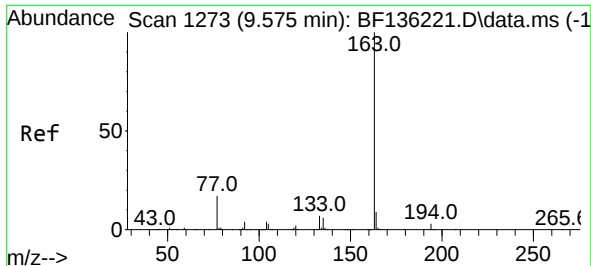


#45
 2-Fluorobiphenyl
 Concen: 101.951 ng
 RT: 9.163 min Scan# 1203
 Delta R.T. -0.006 min
 Lab File: BF136318.D
 Acq: 30 Nov 2023 17:32

Tgt Ion: 172 Resp: 2026311

Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.5	47.3
170	26.1	20.8	31.2

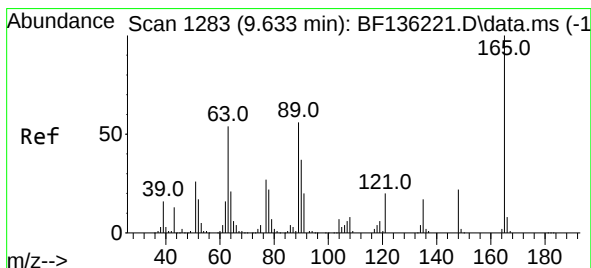
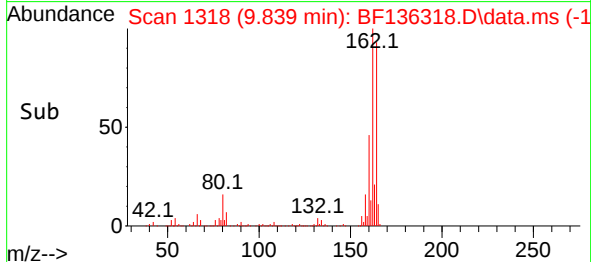
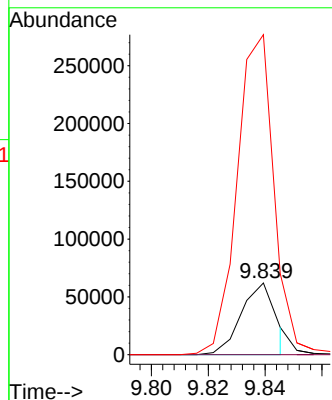
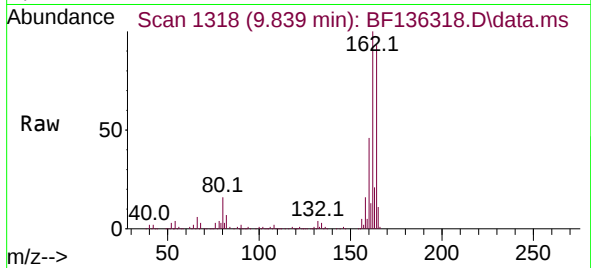




#50
Dimethylphthalate
Concen: 2.718 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

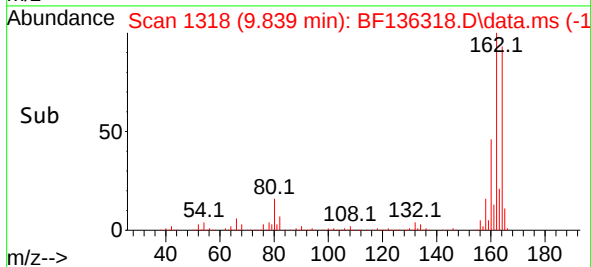
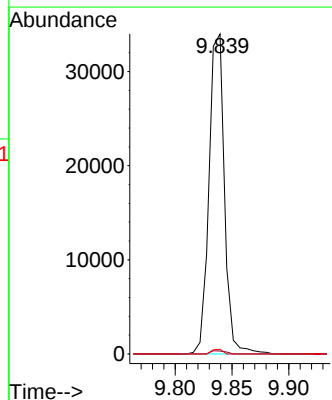
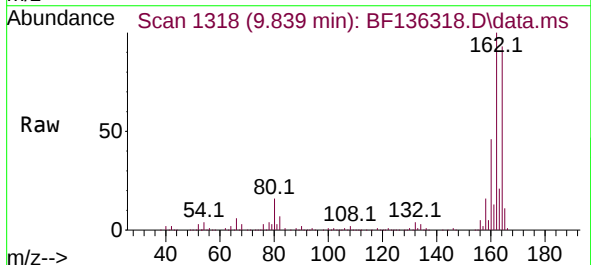
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BNA_F
ClientSampleId :

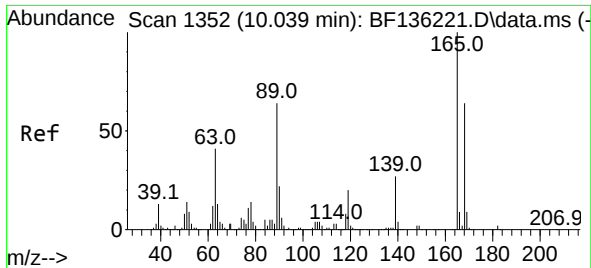
Tgt Ion:163 Resp: 52160
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 446.7 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.210 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

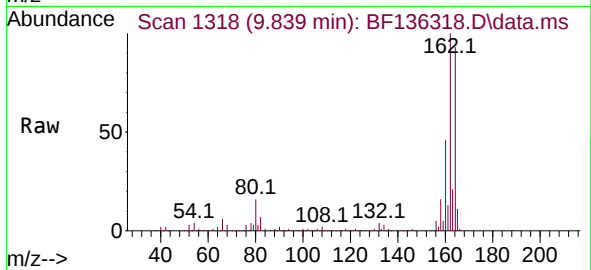
Tgt Ion:165 Resp: 32183
Ion Ratio Lower Upper
165 100
63 0.9 46.2 69.2#
89 1.5 44.9 67.3#



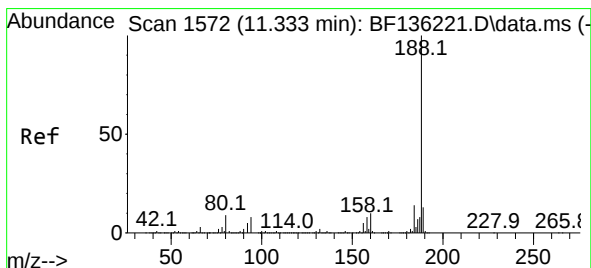
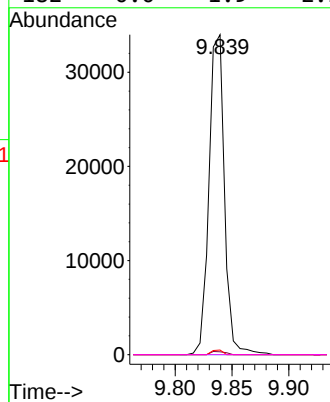
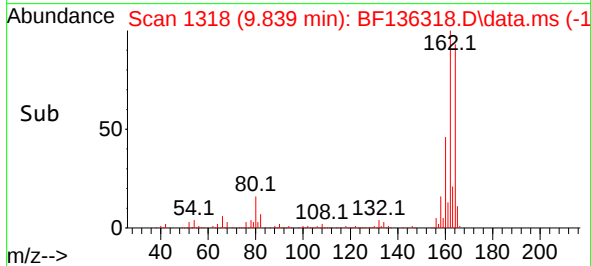


#57
2,4-Dinitrotoluene
Concen: 6.146 ng
RT: 9.839 min Scan# 111
Delta R.T. -0.200 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

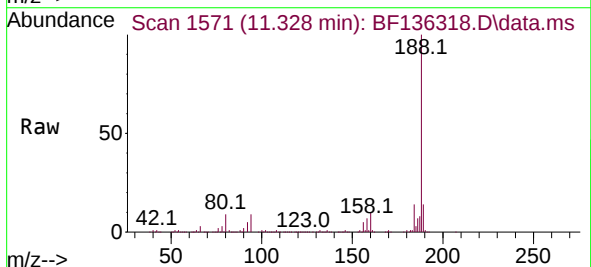
Instrument :
BNA_F
ClientSampleId :



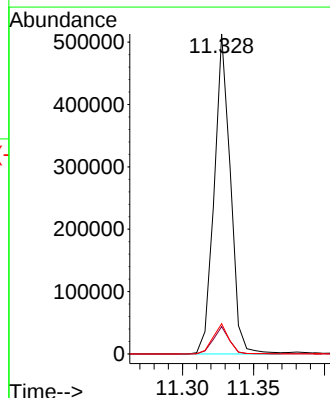
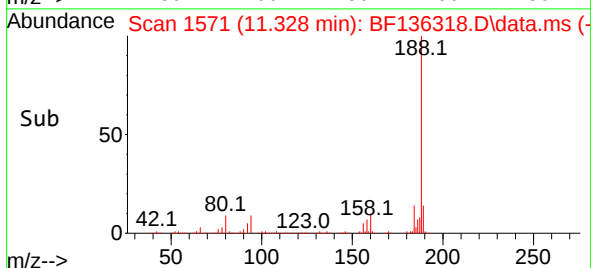
Tgt Ion:165 Resp: 32183
Ion Ratio Lower Upper
165 100
63 0.9 33.0 49.4#
89 1.5 51.5 77.3#
182 0.0 1.9 2.9#

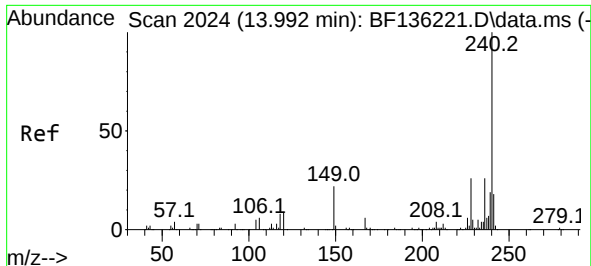


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32



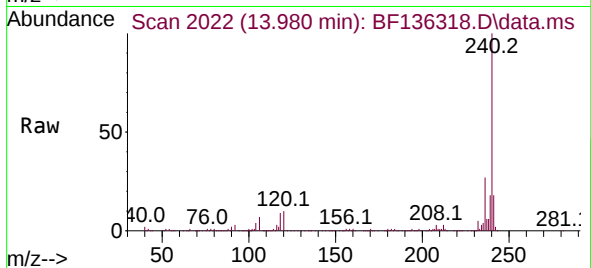
Tgt Ion:188 Resp: 406371
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.5 7.2 10.8



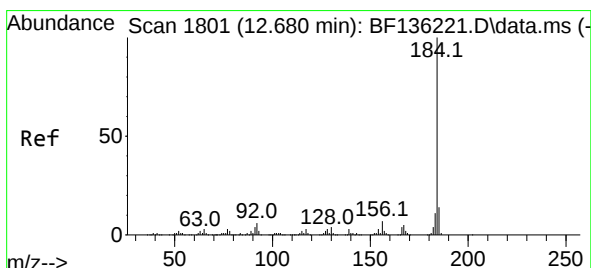
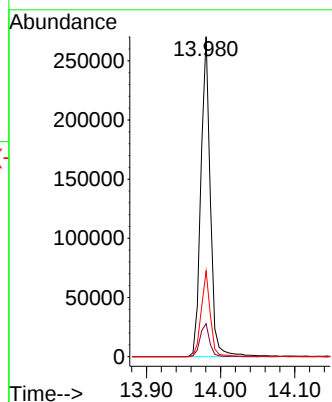
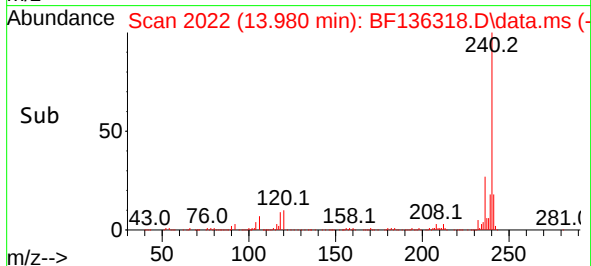


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

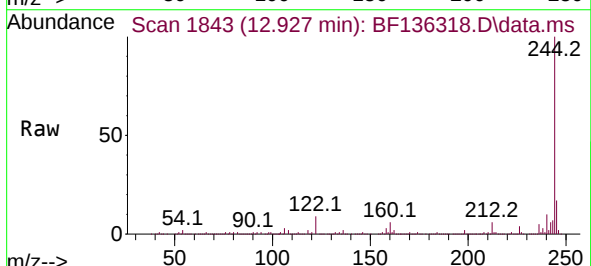
Instrument :
BNA_F
ClientSampleId :



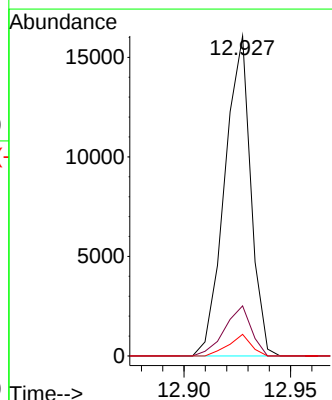
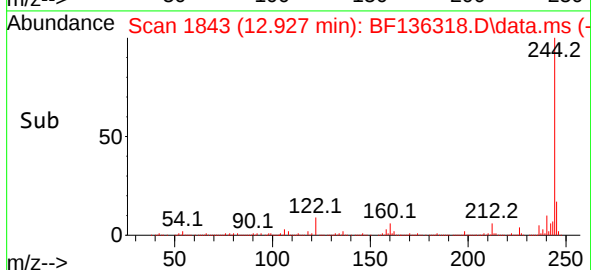
Tgt Ion:240 Resp: 240758
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.2
236 26.8 21.1 31.7

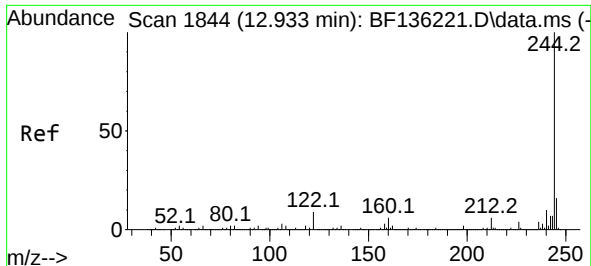


#77
Benzidine
Concen: 3.448 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32



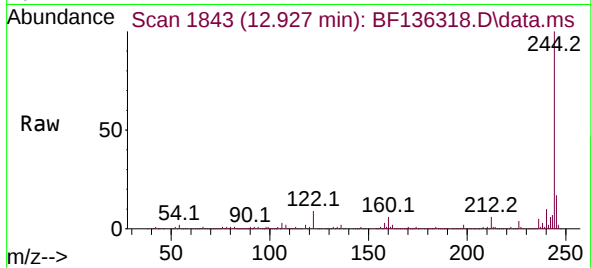
Tgt Ion:184 Resp: 13646
Ion Ratio Lower Upper
184 100
185 15.7 11.0 16.6
183 6.7 9.0 13.4#



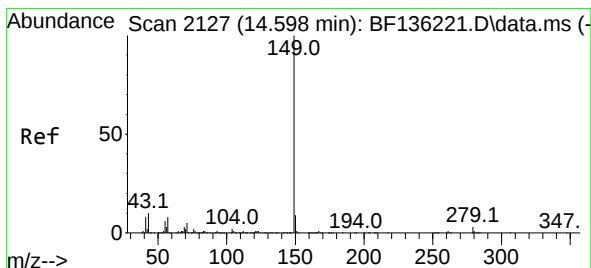
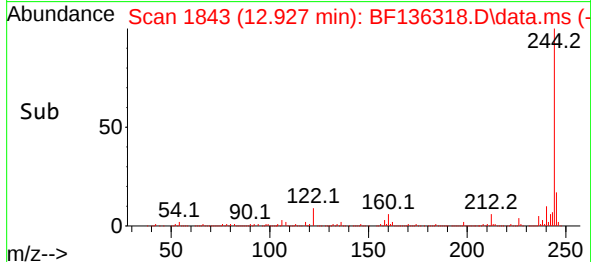
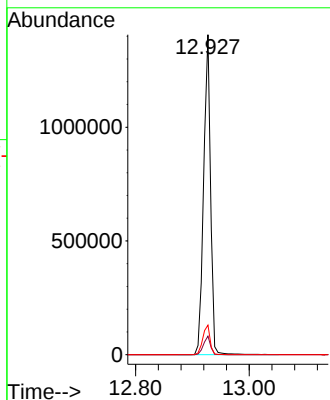


#79
 Terphenyl-d14
 Concen: 56.792 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136318.D
 Acq: 30 Nov 2023 17:32

Instrument :
 BNA_F
 ClientSampleId :

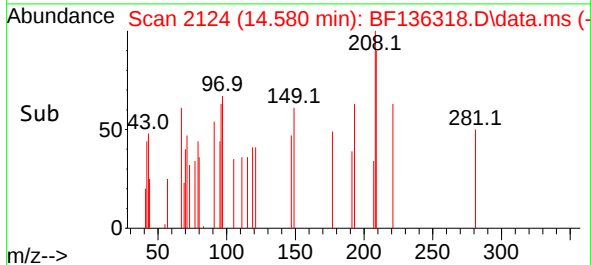
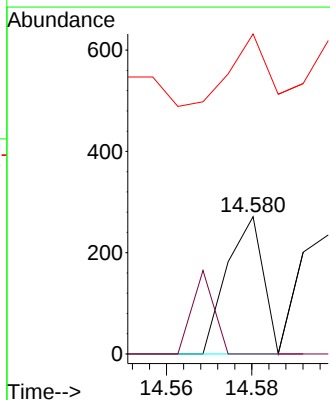
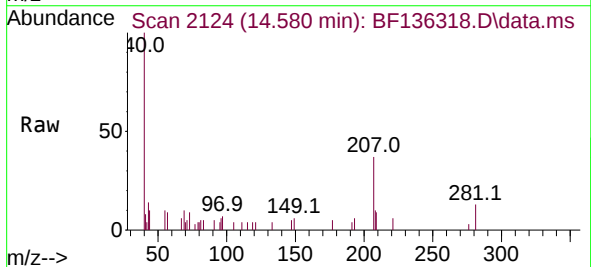


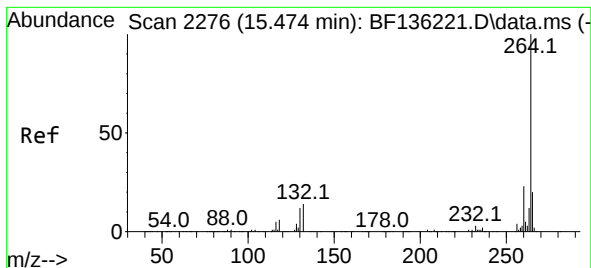
Tgt Ion:244 Resp: 1185367
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 9.2 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.171 ng
 RT: 14.580 min Scan# 2124
 Delta R.T. -0.018 min
 Lab File: BF136318.D
 Acq: 30 Nov 2023 17:32

Tgt Ion:149 Resp: 160
 Ion Ratio Lower Upper
 149 100
 167 36.3 1.0 1.6#
 43 0.0 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF136318.D

Acq: 30 Nov 2023 17:32

Instrument :

BNA_F

ClientSampleId :

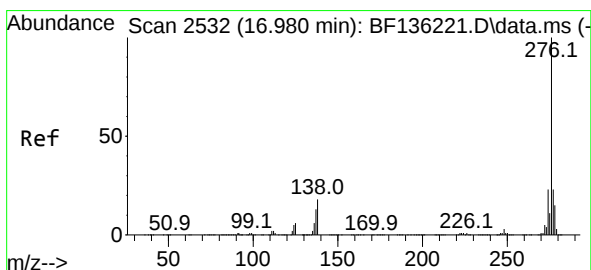
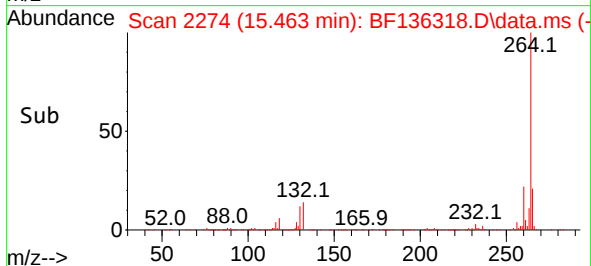
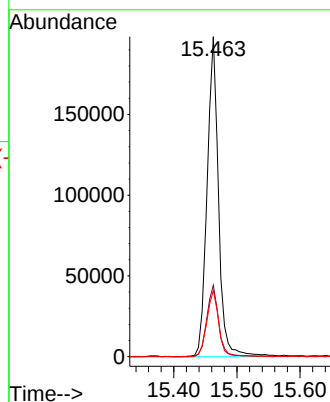
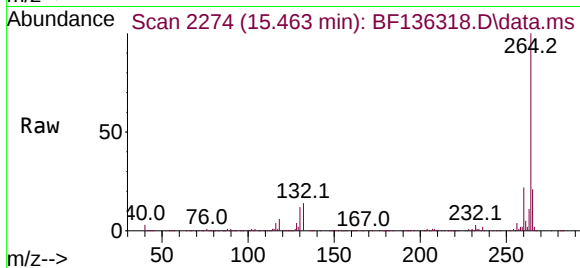
Tgt Ion:264 Resp: 249610

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 20.7 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.942 ng

RT: 16.921 min Scan# 2522

Delta R.T. -0.059 min

Lab File: BF136318.D

Acq: 30 Nov 2023 17:32

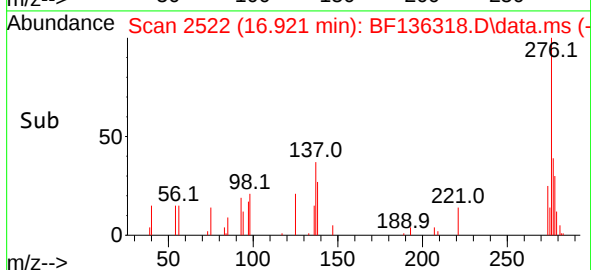
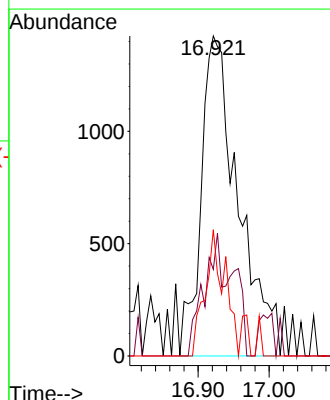
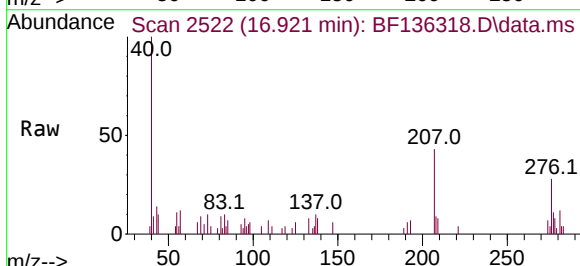
Tgt Ion:276 Resp: 5186

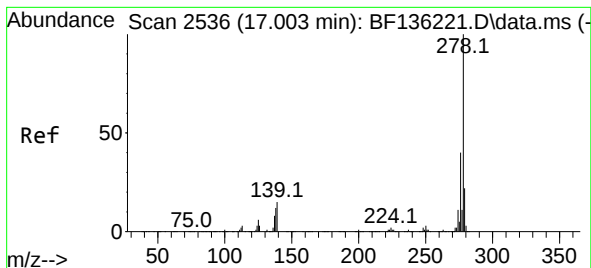
Ion Ratio Lower Upper

276 100

138 19.6 17.7 26.5

277 20.9 19.6 29.4





#91

Dibenzo(a,h)anthracene

Concen: 3.000 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.052 min

Lab File: BF136318.D

Acq: 30 Nov 2023 17:32

Instrument :

BNA_F

ClientSampleId :

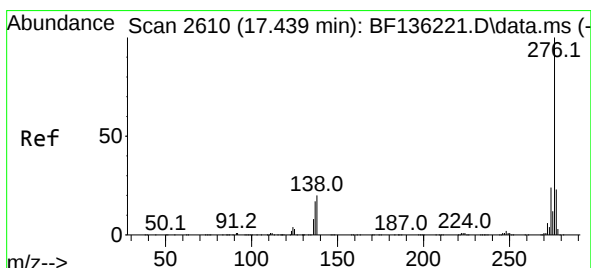
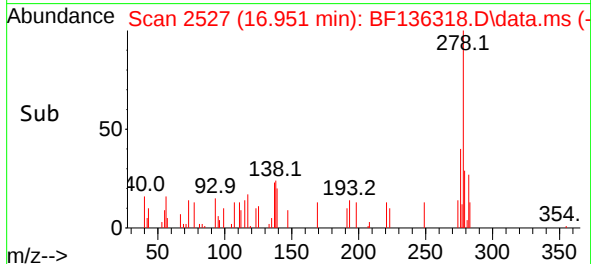
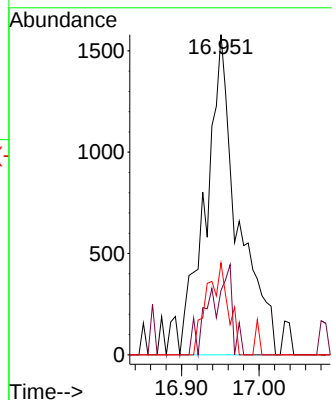
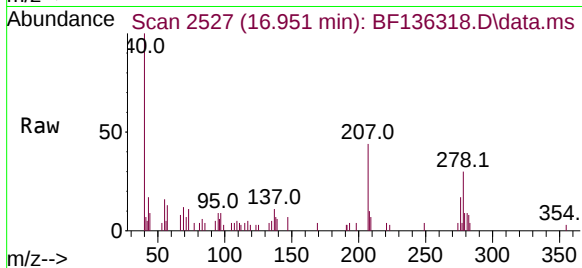
Tgt Ion:278 Resp: 4542

Ion Ratio Lower Upper

278 100

139 20.1 11.7 17.5#

279 28.7 17.8 26.8#



#92

Benzo(g,h,i)perylene

Concen: 2.143 ng

RT: 17.380 min Scan# 2600

Delta R.T. -0.059 min

Lab File: BF136318.D

Acq: 30 Nov 2023 17:32

Tgt Ion:276 Resp: 3792

Ion Ratio Lower Upper

276 100

277 13.7 18.6 27.8#

138 18.1 15.8 23.8

