

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136393.D
 Acq On : 04 Dec 2023 21:08
 Operator : CG\JU
 Sample : 05587-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:37:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

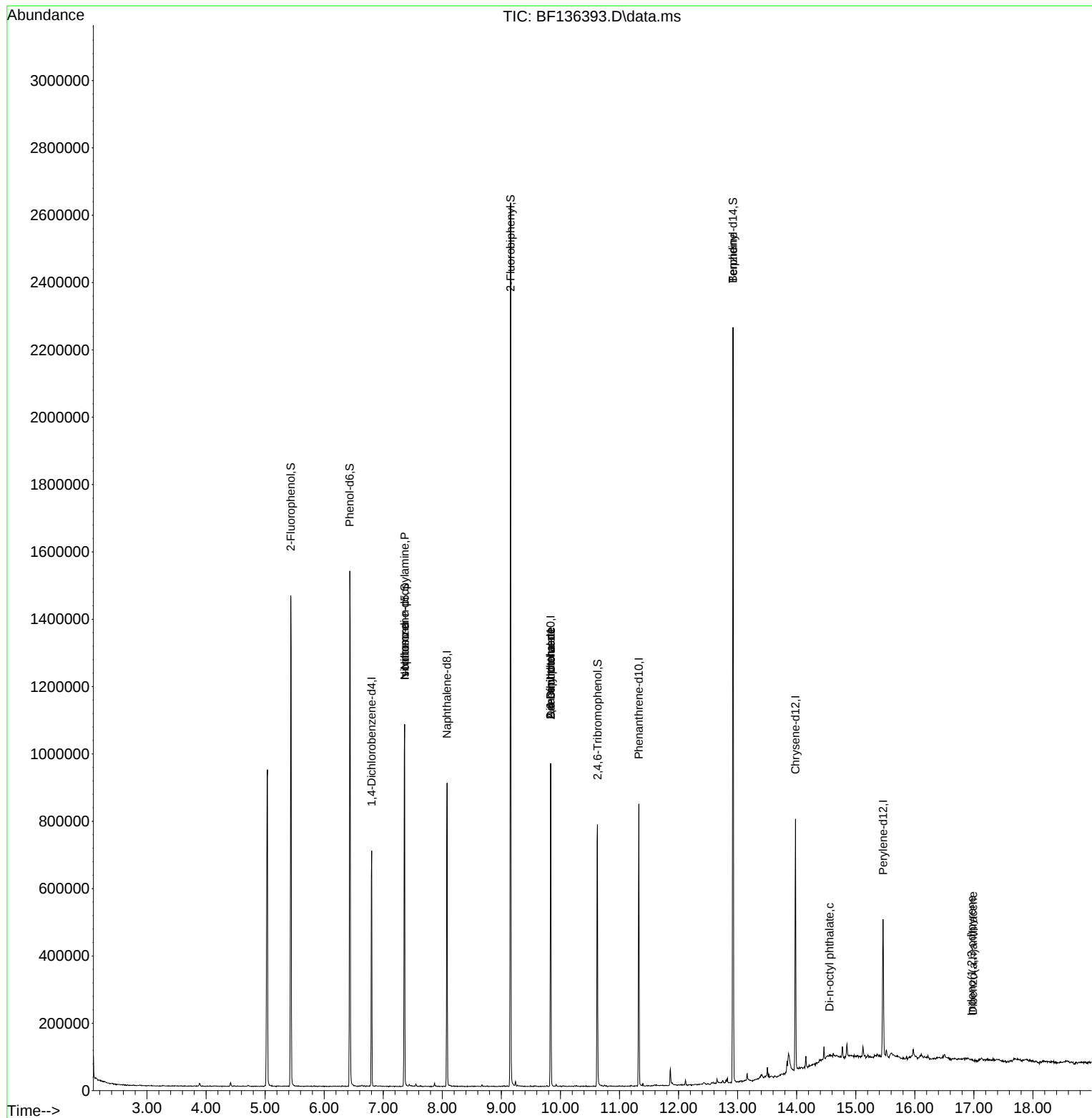
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	101694	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	384743	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	176841	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	286042	20.000	ng	0.00
76) Chrysene-d12	13.980	240	245779	20.000	ng	0.00
86) Perylene-d12	15.462	264	194150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	404890	55.416	ng	0.00
7) Phenol-d6	6.434	99	539311	59.034	ng	-0.01
23) Nitrobenzene-d5	7.363	82	340276	46.736	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	102393	47.360	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	721319	52.100	ng	0.00
79) Terphenyl-d14	12.921	244	750027	35.200	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	44381	8.123	ng	# 75
25) Isophorone	7.363	82	337204	25.685	ng	# 68
50) Dimethylphthalate	9.833	163	32867	2.459	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	21380	7.830	ng	# 25
57) 2,4-Dinitrotoluene	9.833	165	21380	5.862	ng	# 28
77) Benzidine	12.921	184	8510	2.106	ng	# 95
85) Di-n-octyl phthalate	14.557	149	214	5.174	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.962	276	276	2.697	ng	# 75
91) Dibenzo(a,h)anthracene	16.986	278	163	2.727	ng	# 1

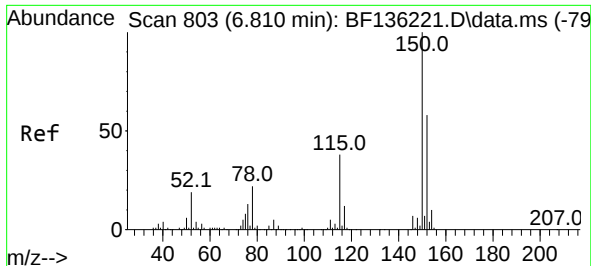
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
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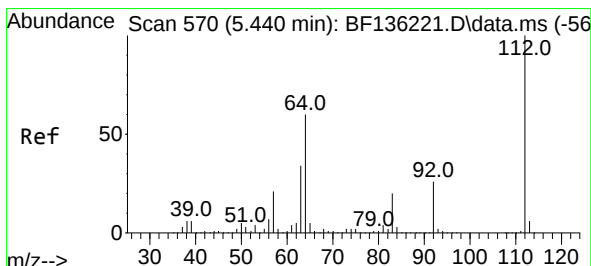
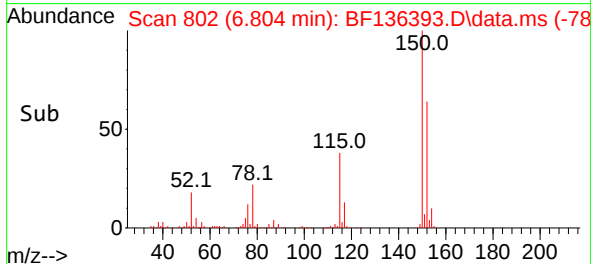
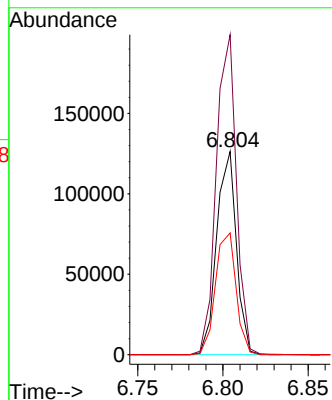
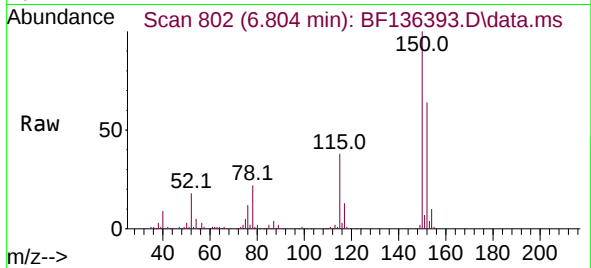




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

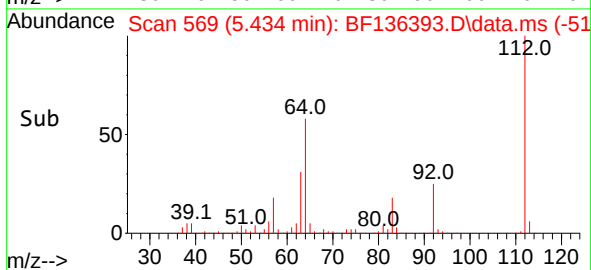
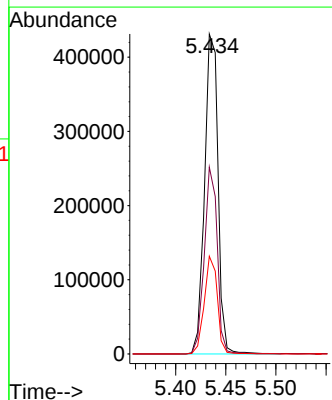
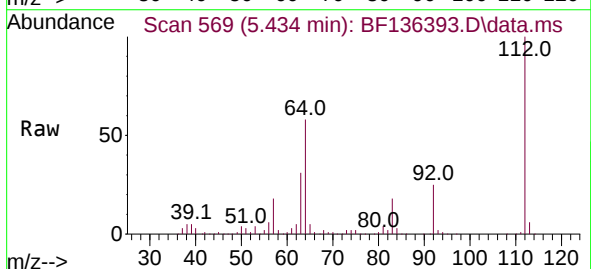
Instrument :
BNA_F
ClientSampleId :

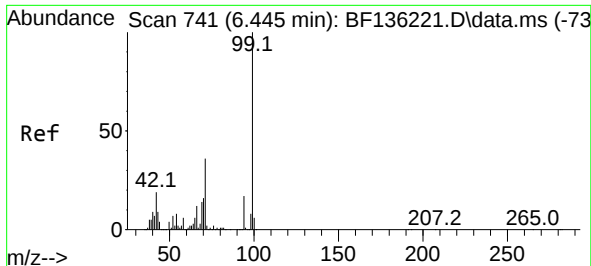
Tgt Ion:152 Resp: 101694
Ion Ratio Lower Upper
152 100
150 157.4 137.8 206.8
115 59.9 52.7 79.1



#5
2-Fluorophenol
Concen: 55.416 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

Tgt Ion:112 Resp: 404890
Ion Ratio Lower Upper
112 100
64 58.4 48.2 72.4
63 30.6 27.0 40.6

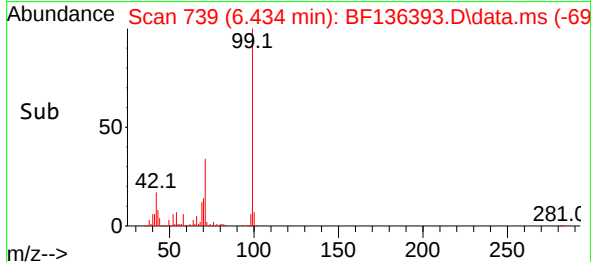
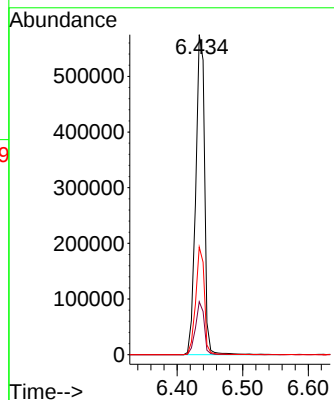
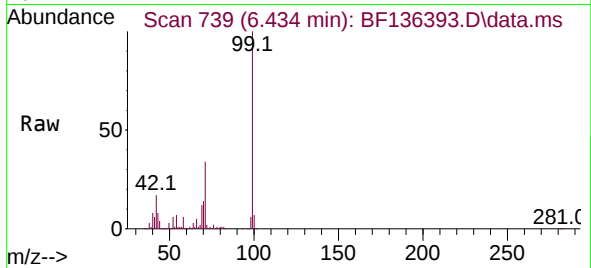




#7
Phenol-d6
Concen: 59.034 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

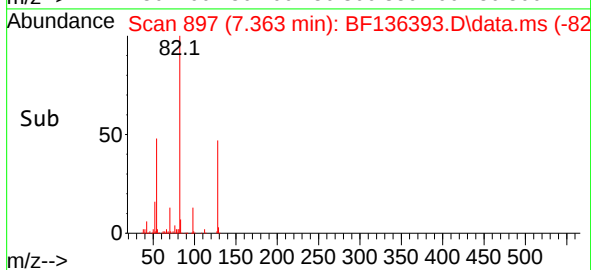
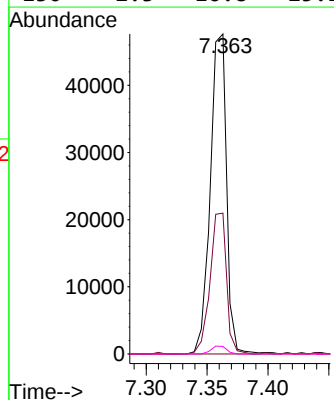
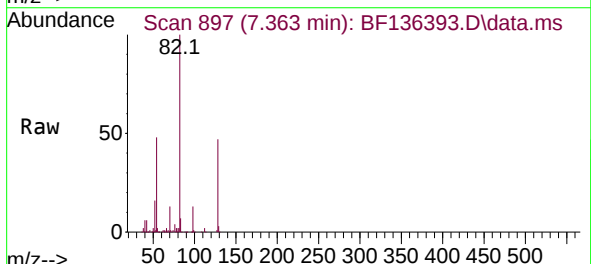
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 539311
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.6
71 33.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.123 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

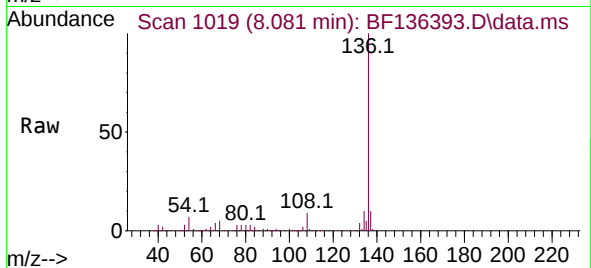
Tgt Ion: 70 Resp: 44381
Ion Ratio Lower Upper
70 100
42 44.0 47.0 70.4#
101 0.0 7.8 11.8#
130 2.3 16.8 25.2#





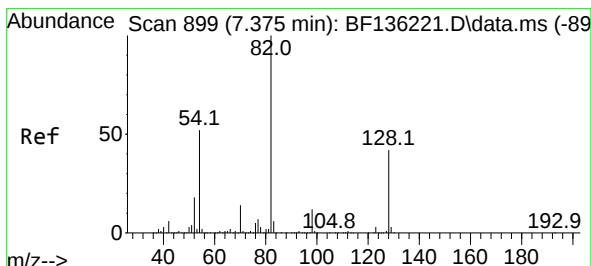
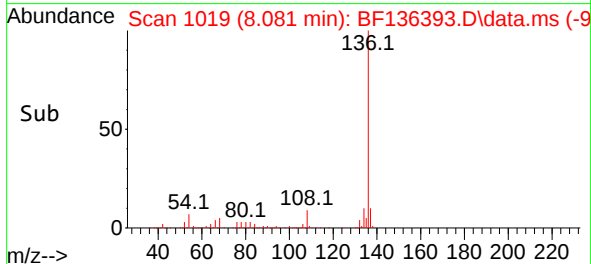
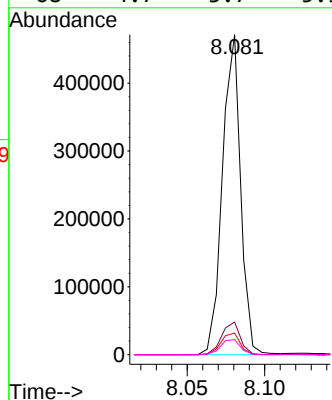
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 384743

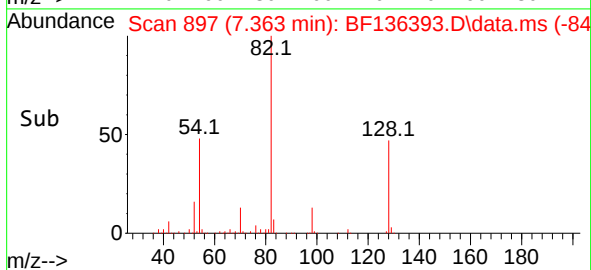
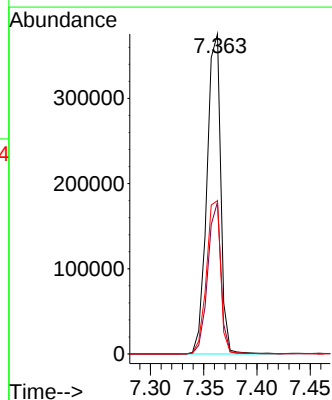
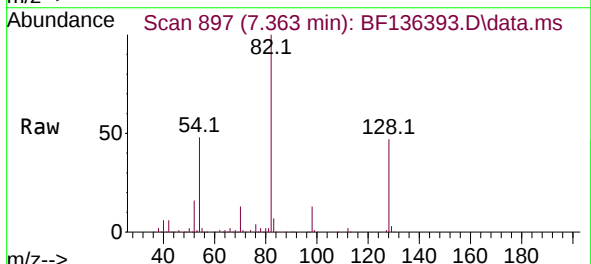
Ion	Ratio	Lower	Upper
136	100		
137	10.2	7.4	11.2
54	6.7	5.5	8.3
68	4.7	3.7	5.5



#23
Nitrobenzene-d5
Concen: 46.736 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

Tgt Ion: 82 Resp: 340276

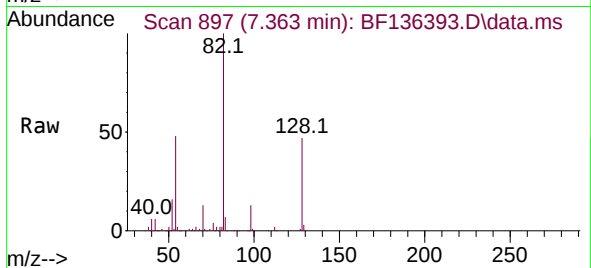
Ion	Ratio	Lower	Upper
82	100		
128	47.4	33.4	50.2
54	47.9	41.7	62.5



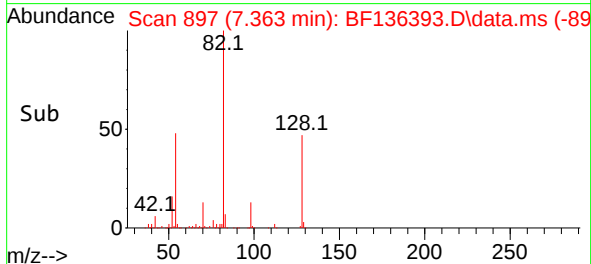
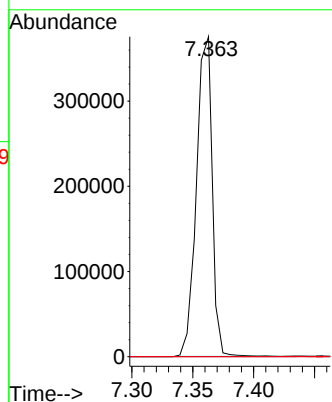


#25
Isophorone
Concen: 25.685 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

Instrument :
BNA_F
ClientSampleId :

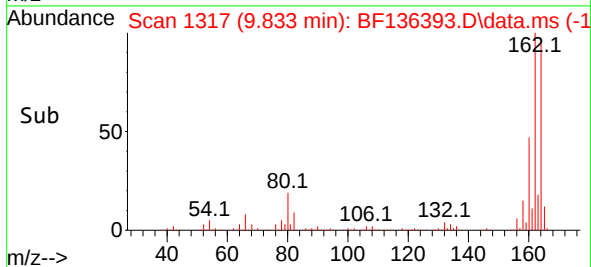
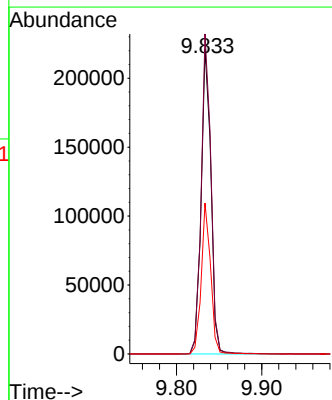
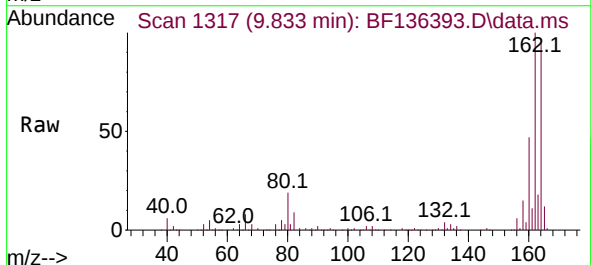


Tgt Ion: 82 Resp: 337204
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

Tgt Ion: 164 Resp: 176841
Ion Ratio Lower Upper
164 100
162 104.9 89.5 134.3
160 49.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 47.360 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.006 min

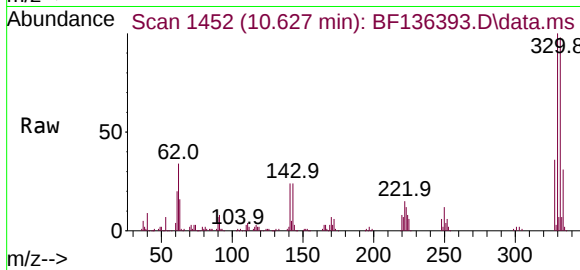
Lab File: BF136393.D

Acq: 04 Dec 2023 21:08

Instrument :

BNA_F

ClientSampleId :



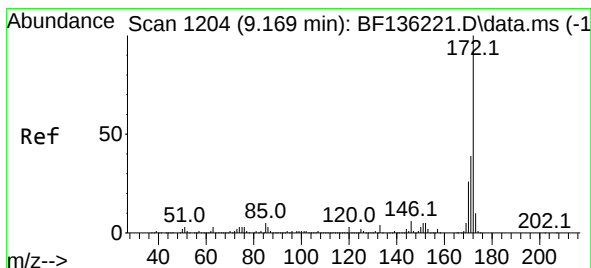
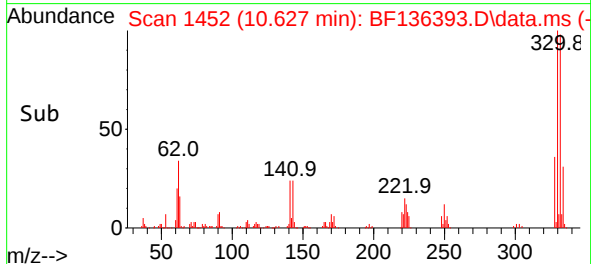
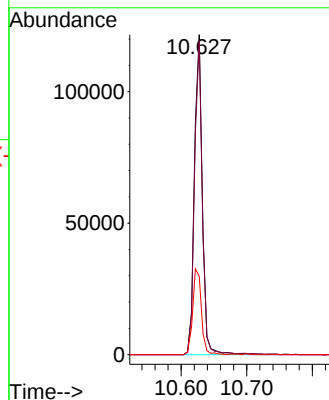
Tgt Ion:330 Resp: 102393

Ion Ratio Lower Upper

330 100

332 95.8 73.0 109.6

141 29.3 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 52.100 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136393.D

Acq: 04 Dec 2023 21:08

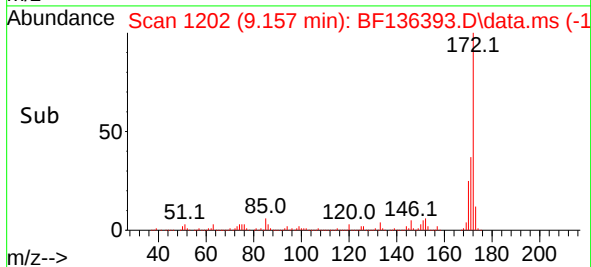
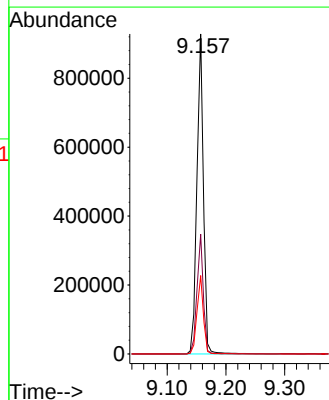
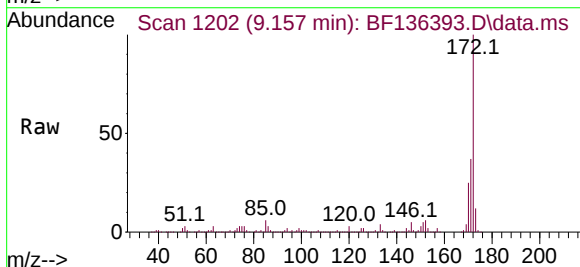
Tgt Ion:172 Resp: 721319

Ion Ratio Lower Upper

172 100

171 37.5 31.5 47.3

170 24.5 20.8 31.2

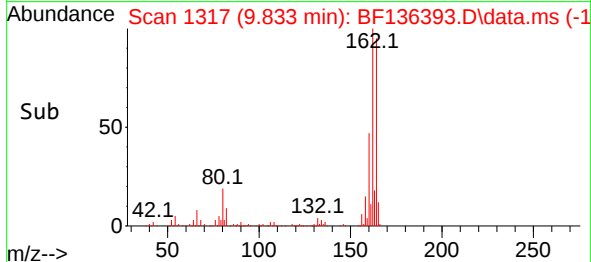
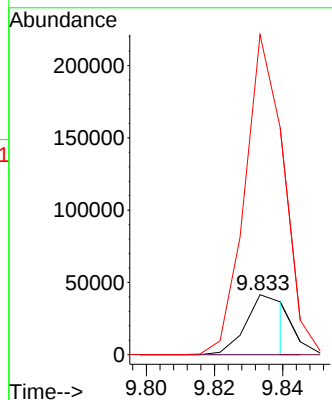
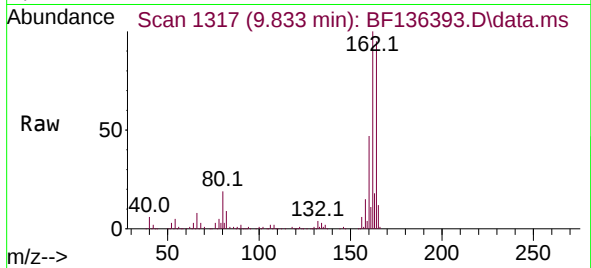




#50
Dimethylphthalate
Concen: 2.459 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

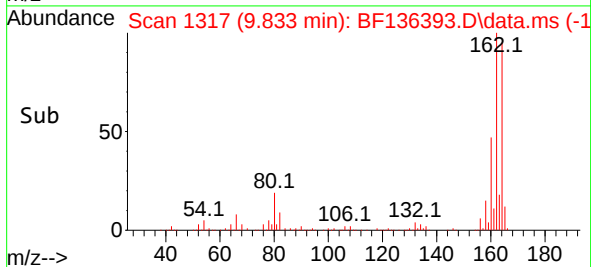
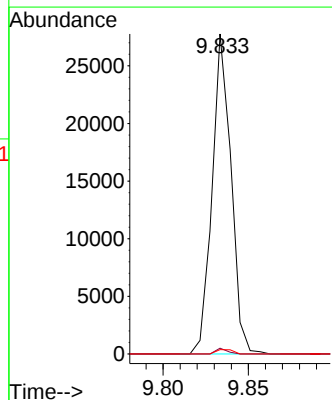
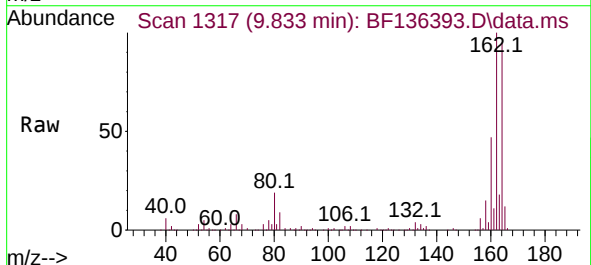
Instrument :
BNA_F
ClientSampleId :

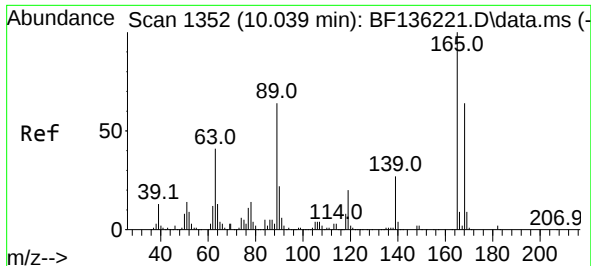
Tgt Ion:163 Resp: 32867
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 533.5 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.830 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

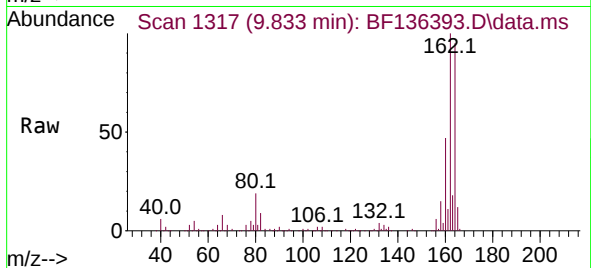
Tgt Ion:165 Resp: 21380
Ion Ratio Lower Upper
165 100
63 1.8 46.2 69.2#
89 1.4 44.9 67.3#



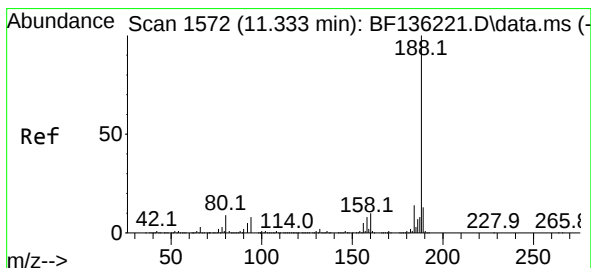
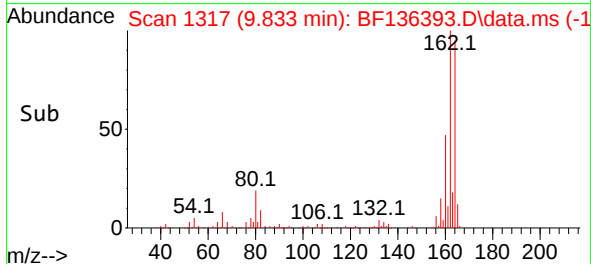
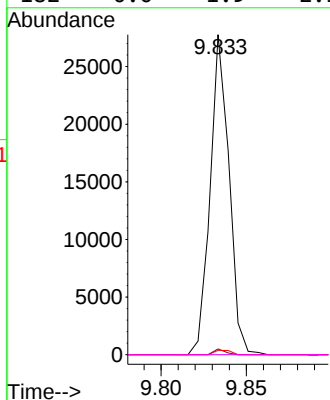


#57
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

Instrument :
BNA_F
ClientSampleId :

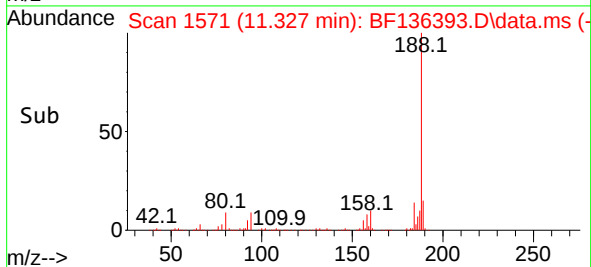
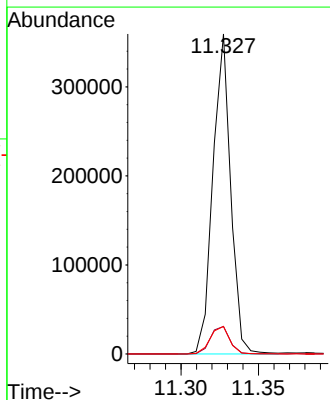
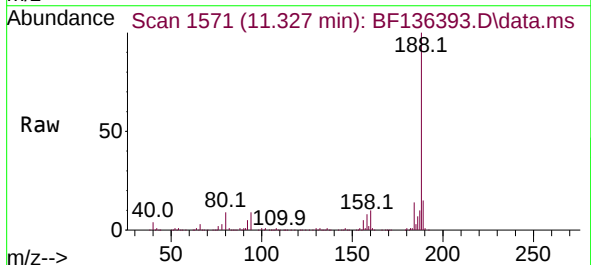


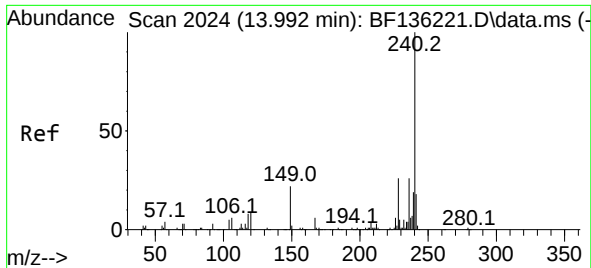
Tgt Ion:165 Resp: 21380
Ion Ratio Lower Upper
165 100
63 1.8 33.0 49.4#
89 1.4 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

Tgt Ion:188 Resp: 286042
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 8.6 7.2 10.8

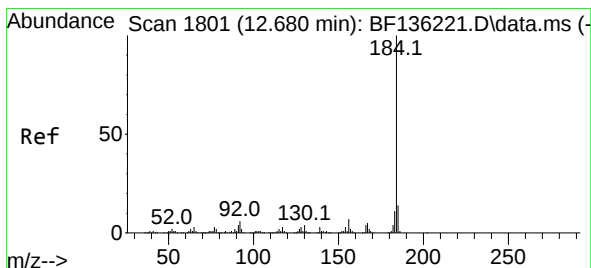
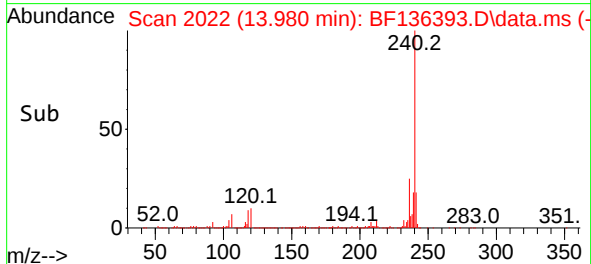
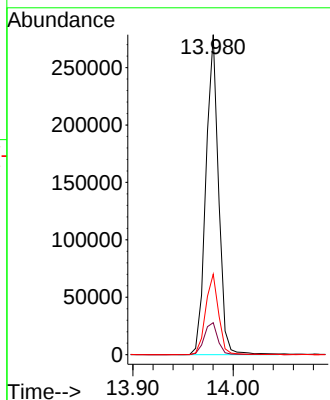
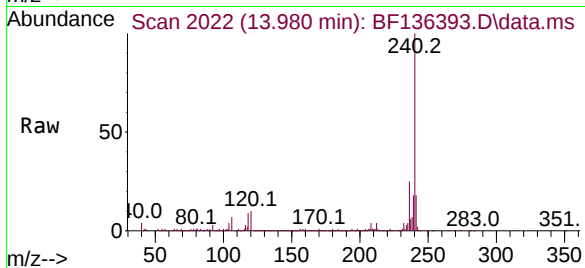




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

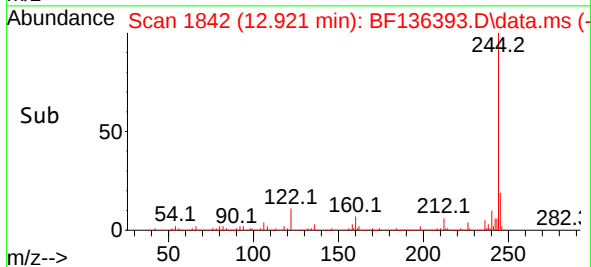
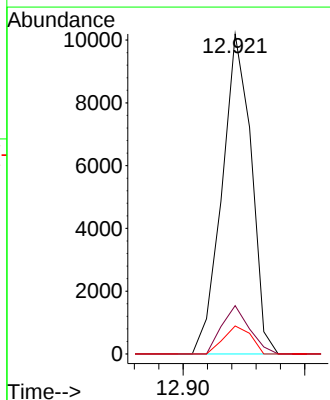
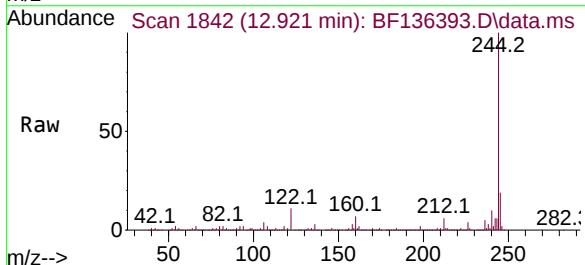
Instrument :
BNA_F
ClientSampleId :

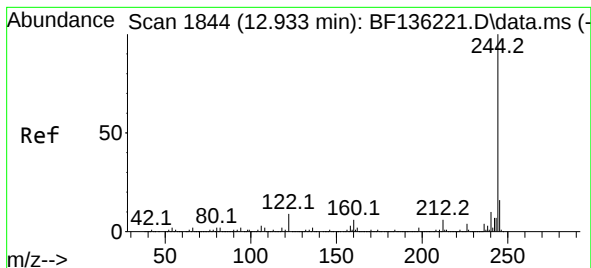
Tgt Ion:240 Resp: 245779
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.2
236 25.2 21.1 31.7



#77
Benzidine
Concen: 2.106 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF136393.D
Acq: 04 Dec 2023 21:08

Tgt Ion:184 Resp: 8510
Ion Ratio Lower Upper
184 100
185 15.1 11.0 16.6
183 8.8 9.0 13.4#





#79

Terphenyl-d14

Concen: 35.200 ng

RT: 12.921 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136393.D

Acq: 04 Dec 2023 21:08

Instrument :

BNA_F

ClientSampleId :

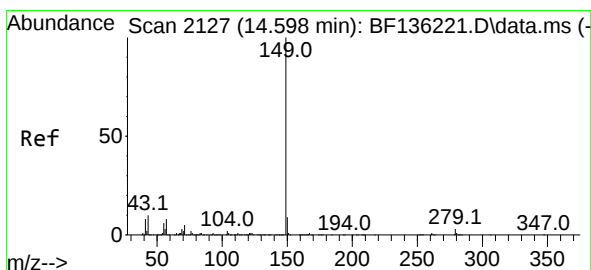
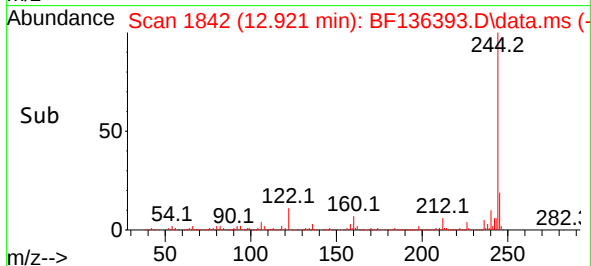
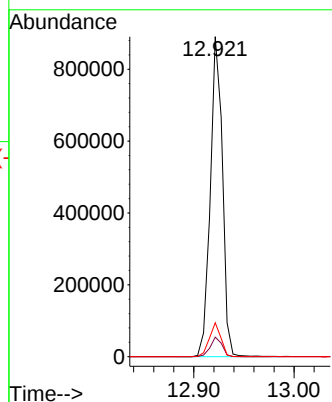
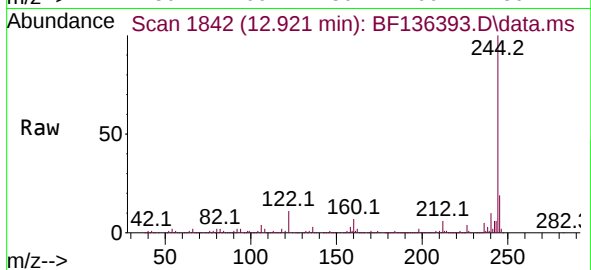
Tgt Ion:244 Resp: 750027

Ion Ratio Lower Upper

244 100

212 6.1 4.6 7.0

122 10.6 7.3 10.9



#85

Di-n-octyl phthalate

Concen: 5.174 ng

RT: 14.557 min Scan# 2120

Delta R.T. -0.029 min

Lab File: BF136393.D

Acq: 04 Dec 2023 21:08

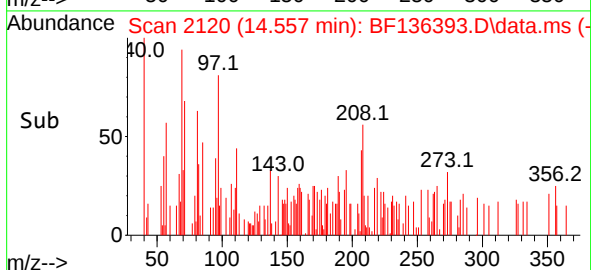
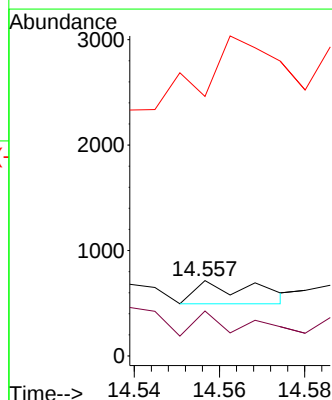
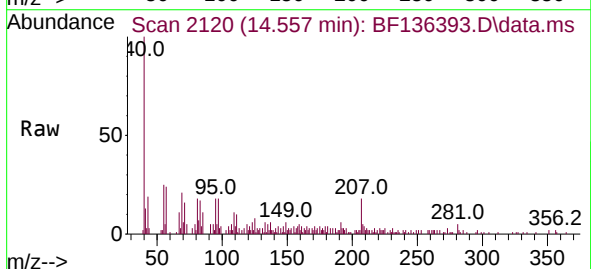
Tgt Ion:149 Resp: 214

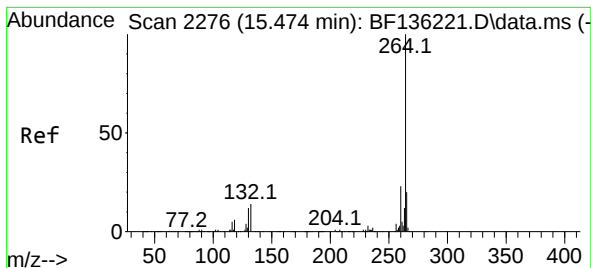
Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

43 400.5 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136393.D

Acq: 04 Dec 2023 21:08

Instrument :

BNA_F

ClientSampleId :

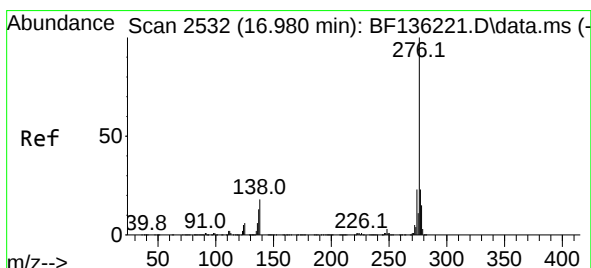
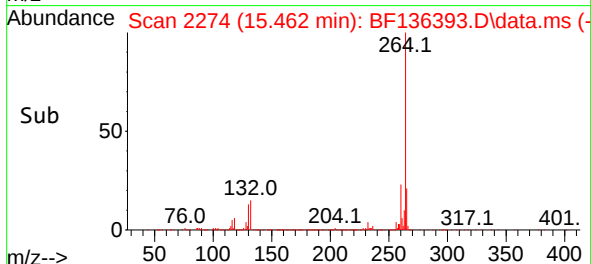
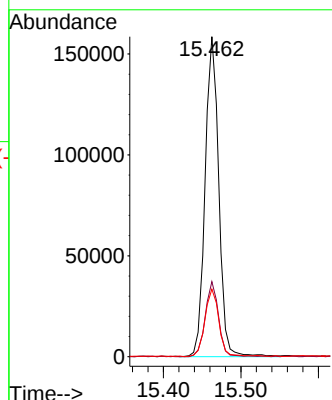
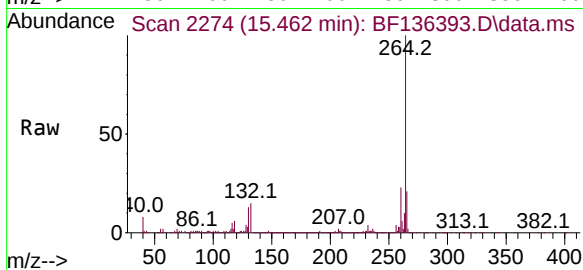
Tgt Ion:264 Resp: 194150

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.1 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.697 ng

RT: 16.962 min Scan# 2529

Delta R.T. 0.000 min

Lab File: BF136393.D

Acq: 04 Dec 2023 21:08

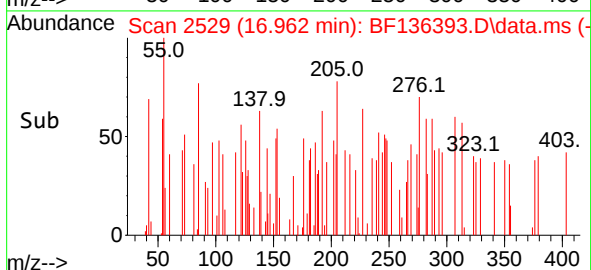
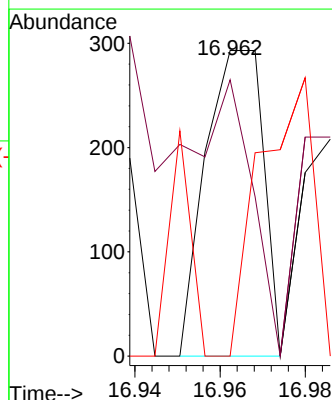
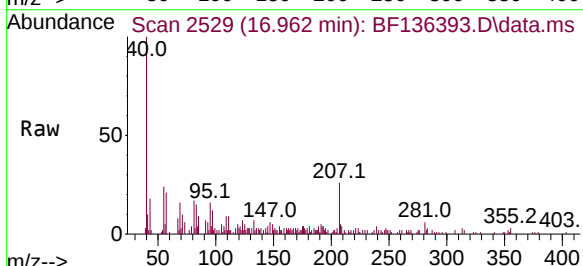
Tgt Ion:276 Resp: 276

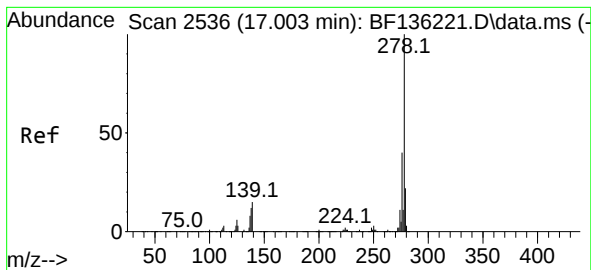
Ion Ratio Lower Upper

276 100

138 0.0 17.7 26.5#

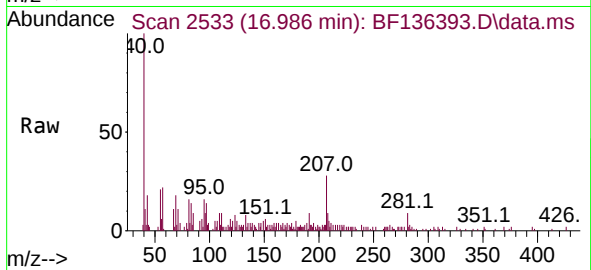
277 27.5 19.6 29.4





#91
 Dibenzo(a,h)anthracene
 Concen: 2.727 ng
 RT: 16.986 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136393.D
 Acq: 04 Dec 2023 21:08

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	278	Resp:	163
Ion	Ratio	Lower	Upper
278	100		
139	146.3	11.7	17.5#
279	0.0	17.8	26.8#

