

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136391.D
 Acq On : 04 Dec 2023 20:06
 Operator : CG\JU
 Sample : 05434-09 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:36:41 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)

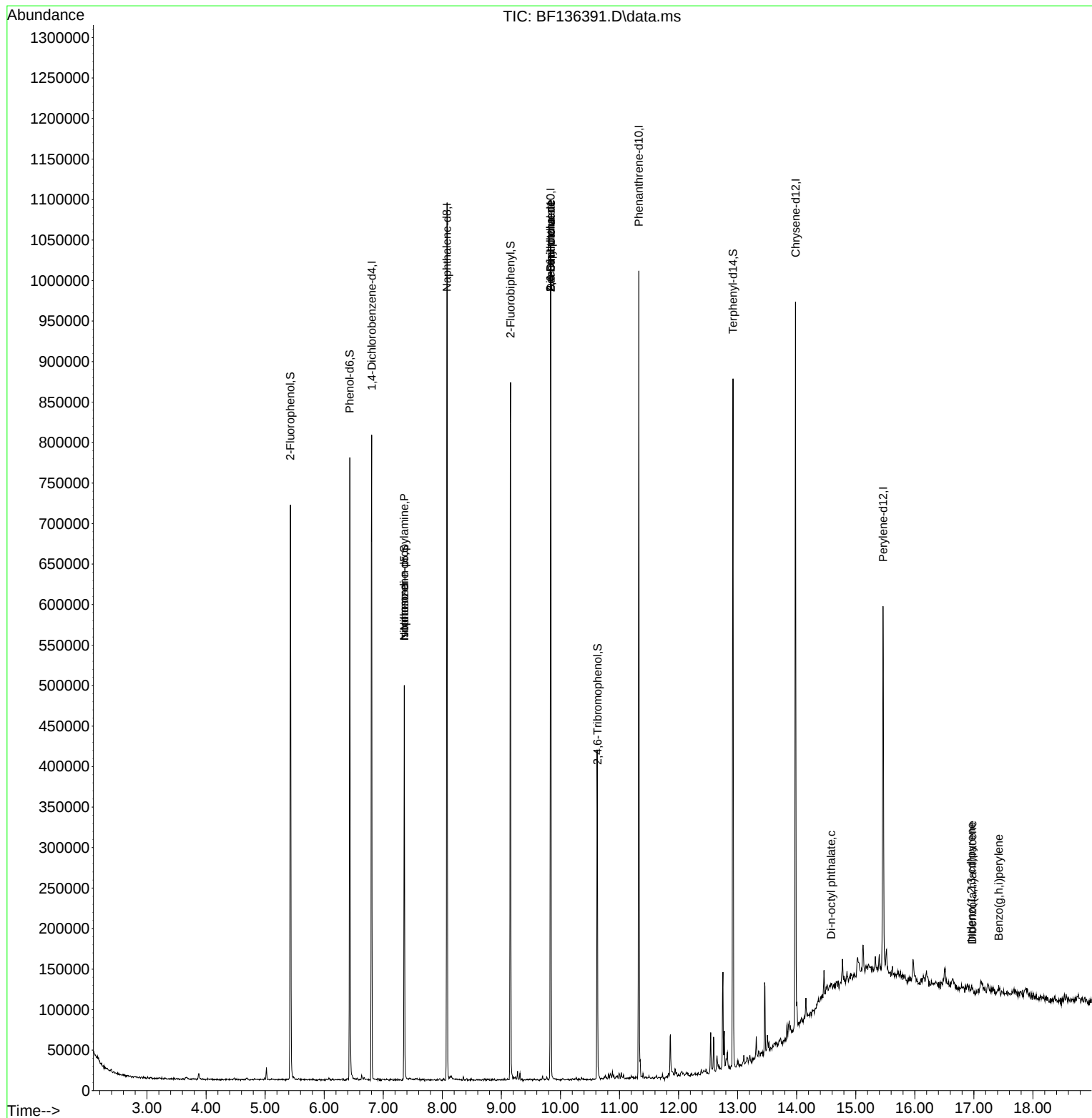
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	115146	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	435770	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	197554	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	330200	20.000	ng	0.00
76) Chrysene-d12	13.980	240	281097	20.000	ng	0.00
86) Perylene-d12	15.462	264	214586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	185741	22.452	ng	-0.01
7) Phenol-d6	6.434	99	227884	22.030	ng	-0.01
23) Nitrobenzene-d5	7.357	82	130818	15.864	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	50385	20.861	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	271248	17.538	ng	0.00
79) Terphenyl-d14	12.921	244	273499	11.223	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	16216	2.621	ng	# 75
25) Isophorone	7.357	82	128500	8.642	ng	# 68
50) Dimethylphthalate	9.833	163	37099	2.485	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	24607	8.067	ng	# 25
57) 2,4-Dinitrotoluene	9.833	165	24607	6.039	ng	# 28
85) Di-n-octyl phthalate	14.586	149	478	5.185	ng	# 56
87) Indeno(1,2,3-cd)pyrene	16.956	276	5404	2.997	ng	93
91) Dibenzo(a,h)anthracene	16.974	278	1032	2.789	ng	# 4
92) Benzo(g,h,i)perylene	17.421	276	5331	2.297	ng	# 73

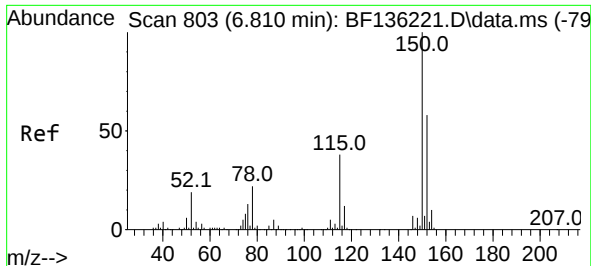
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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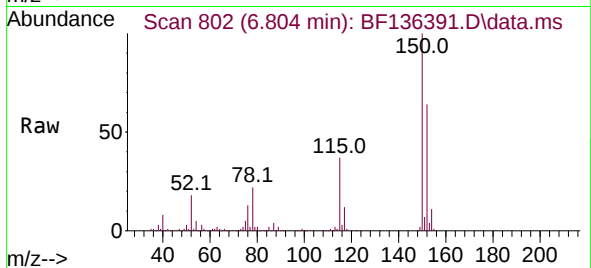
Quant Time: Dec 05 00:36:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
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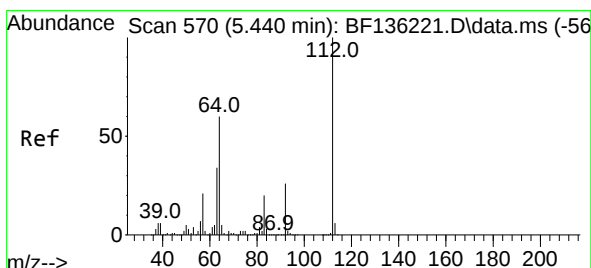
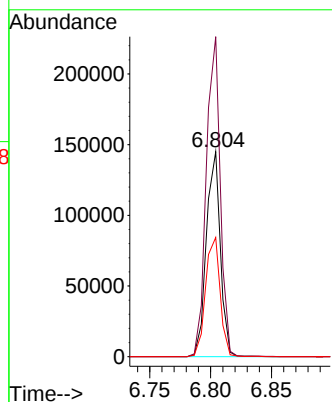
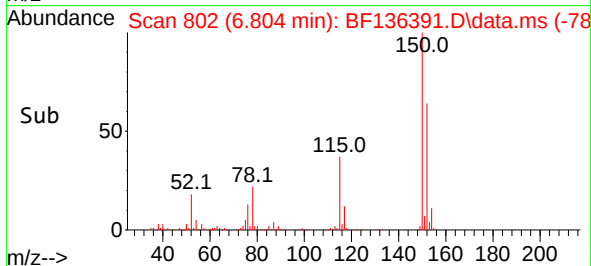


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

Instrument :
BNA_F
ClientSampleId :

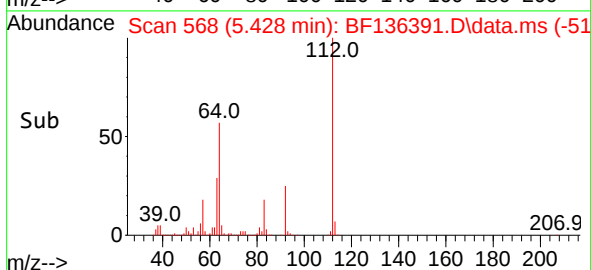
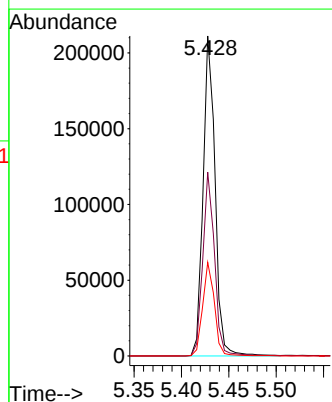
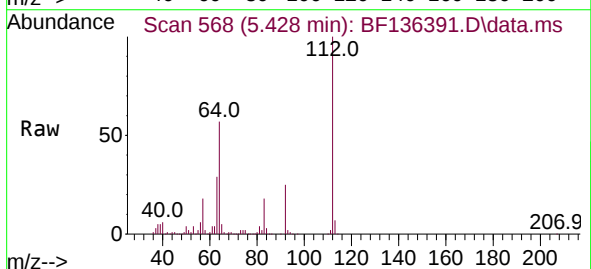


Tgt Ion:152 Resp: 115146
Ion Ratio Lower Upper
152 100
150 156.1 137.8 206.8
115 58.1 52.7 79.1



#5
2-Fluorophenol
Concen: 22.452 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.012 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

Tgt Ion:112 Resp: 185741
Ion Ratio Lower Upper
112 100
64 57.4 48.2 72.4
63 29.3 27.0 40.6

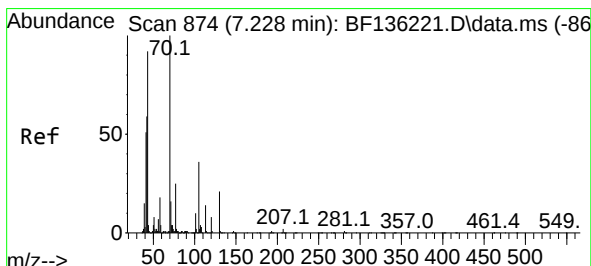
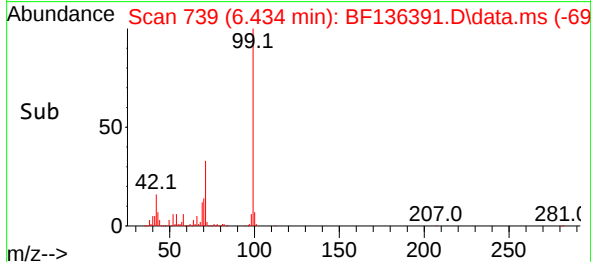
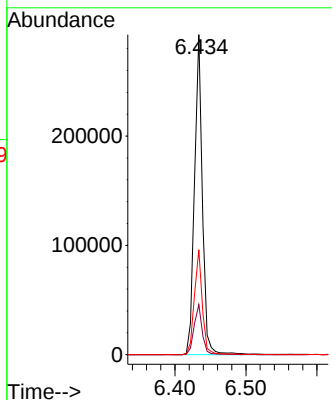
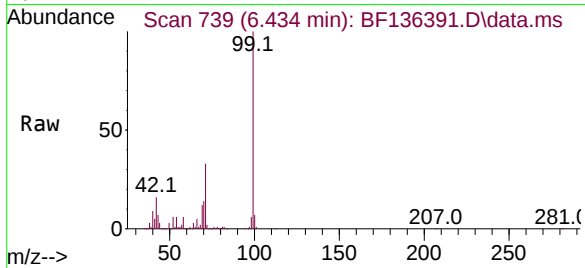




#7
Phenol-d6
Concen: 22.030 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

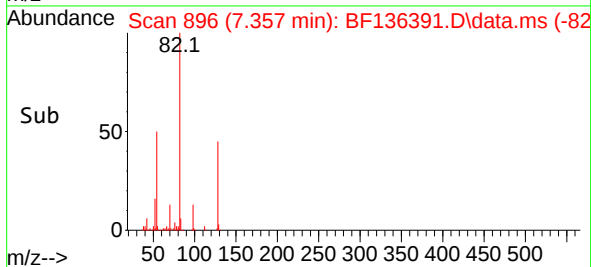
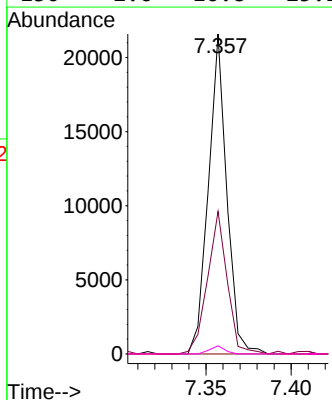
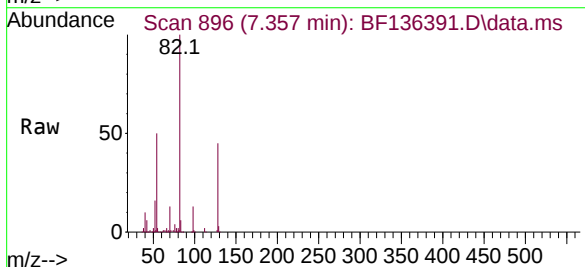
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 227884
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.6
71 32.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.621 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

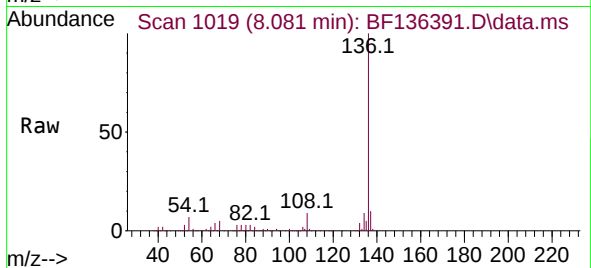
Tgt Ion: 70 Resp: 16216
Ion Ratio Lower Upper
70 100
42 44.5 47.0 70.4#
101 0.0 7.8 11.8#
130 2.6 16.8 25.2#



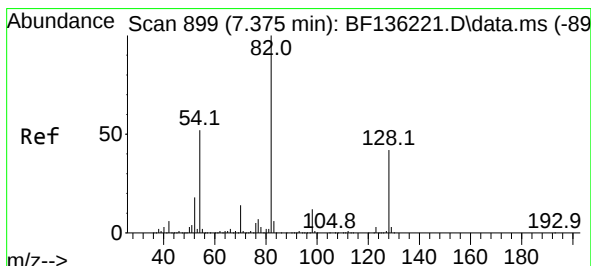
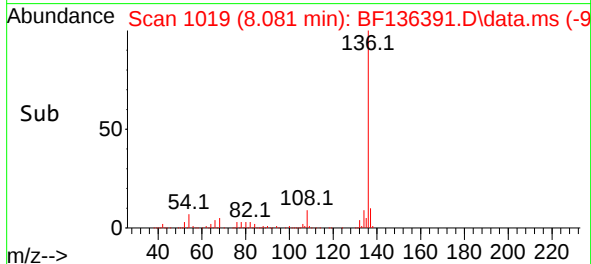
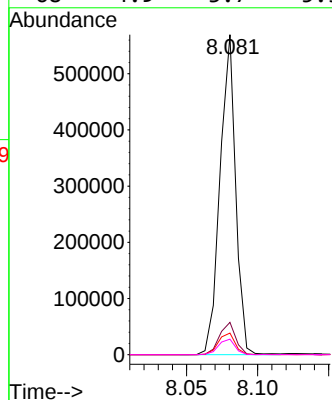


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

Instrument :
BNA_F
ClientSampleId :

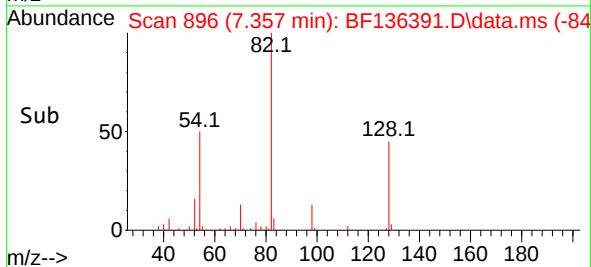
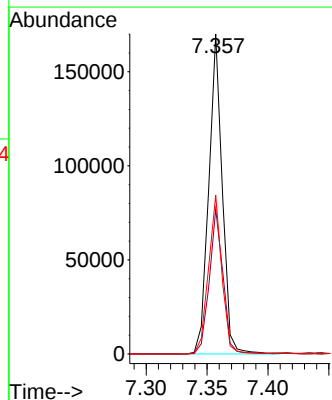
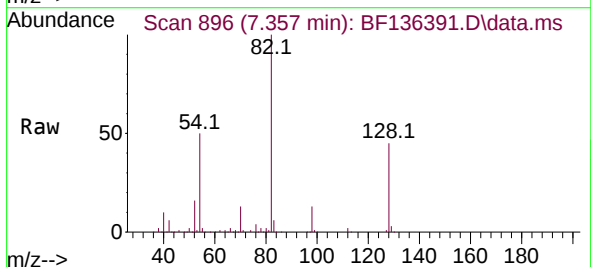


Tgt Ion:136 Resp: 435770
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 6.8 5.5 8.3
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 15.864 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

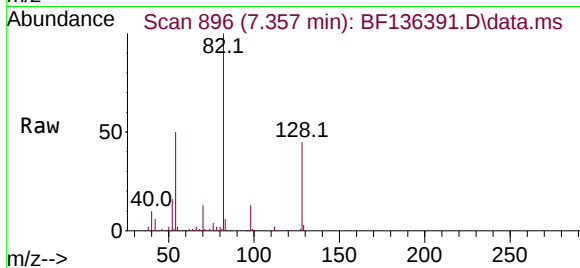
Tgt Ion: 82 Resp: 130818
Ion Ratio Lower Upper
82 100
128 45.2 33.4 50.2
54 49.7 41.7 62.5



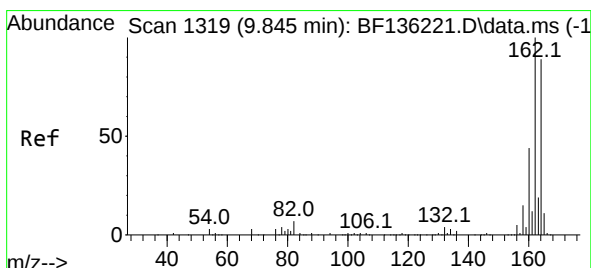
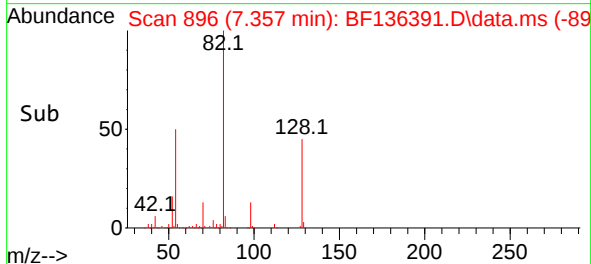
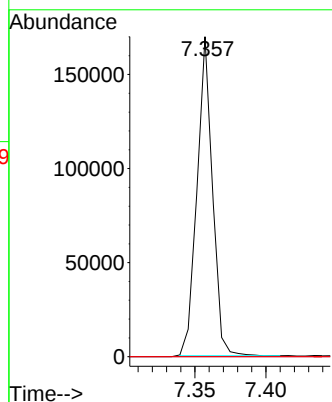


#25
Isophorone
Concen: 8.642 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.270 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

Instrument :
BNA_F
ClientSampleId :

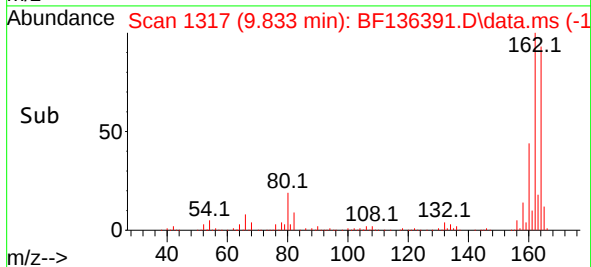
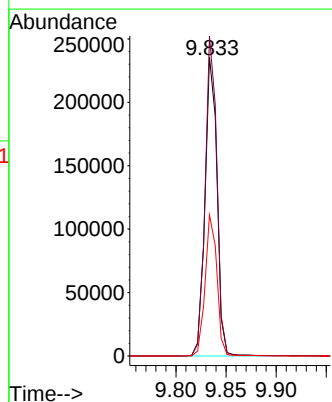
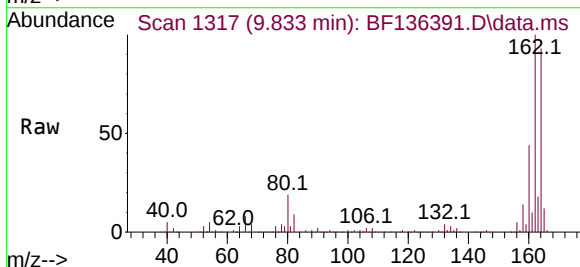


Tgt Ion: 82 Resp: 128500
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

Tgt Ion:164 Resp: 197554
Ion Ratio Lower Upper
164 100
162 107.0 89.5 134.3
160 47.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 20.861 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.006 min

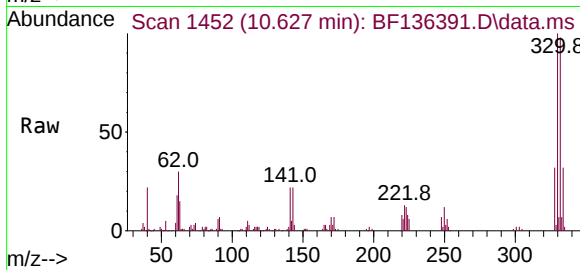
Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

Instrument :

BNA_F

ClientSampleId :



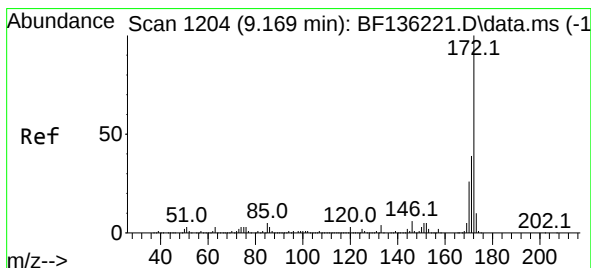
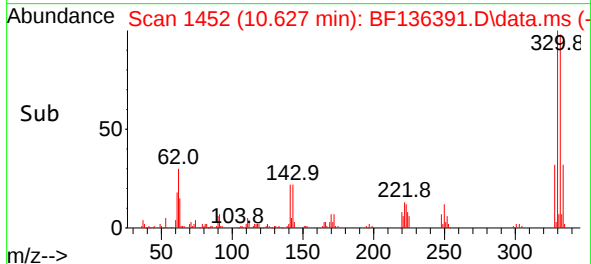
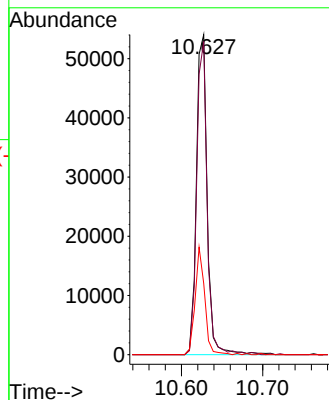
Tgt Ion:330 Resp: 50385

Ion Ratio Lower Upper

330 100

332 94.7 73.0 109.6

141 29.6 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 17.538 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

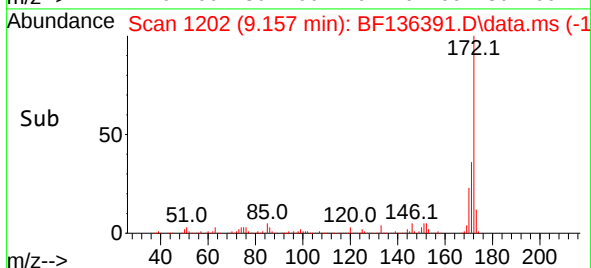
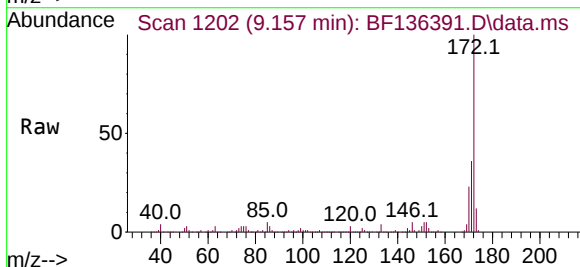
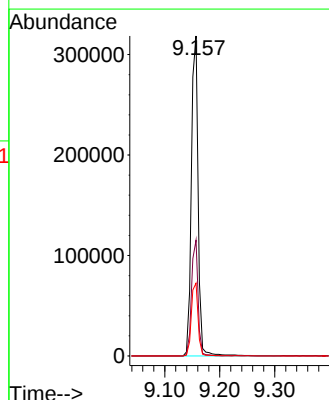
Tgt Ion:172 Resp: 271248

Ion Ratio Lower Upper

172 100

171 36.2 31.5 47.3

170 22.7 20.8 31.2

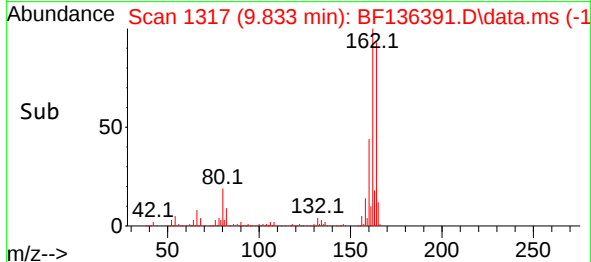
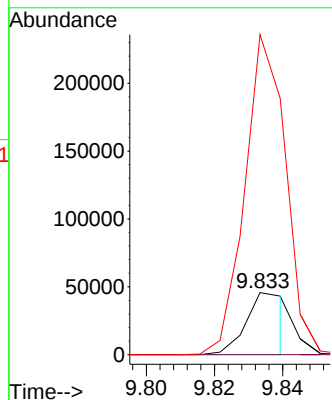
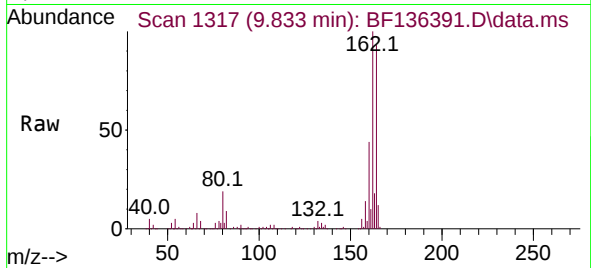




#50
Dimethylphthalate
Concen: 2.485 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

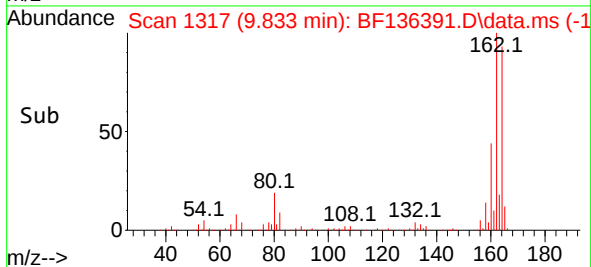
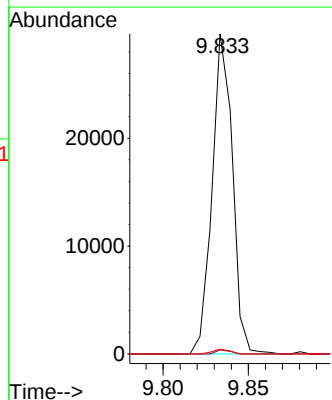
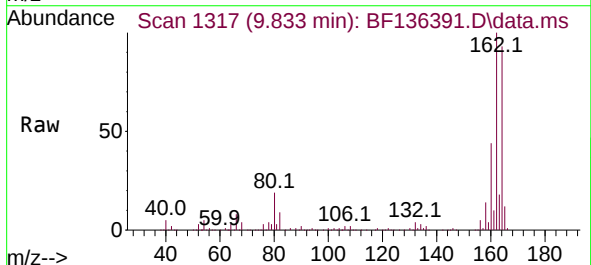
Instrument :
BNA_F
ClientSampleId :

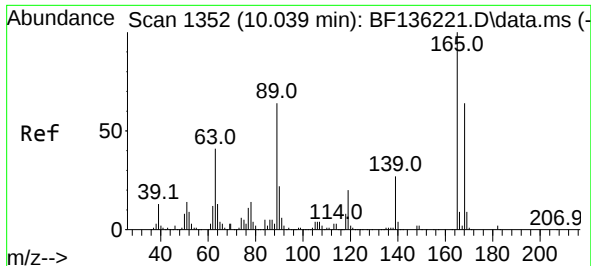
Tgt Ion:163 Resp: 37099
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 515.8 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.067 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

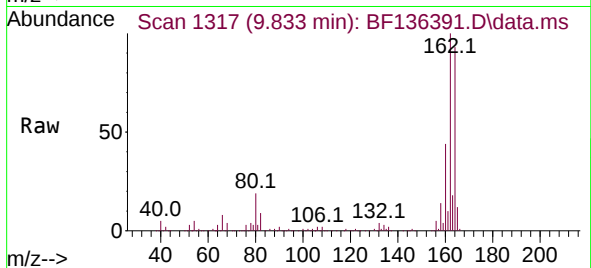
Tgt Ion:165 Resp: 24607
Ion Ratio Lower Upper
165 100
63 1.3 46.2 69.2#
89 1.5 44.9 67.3#



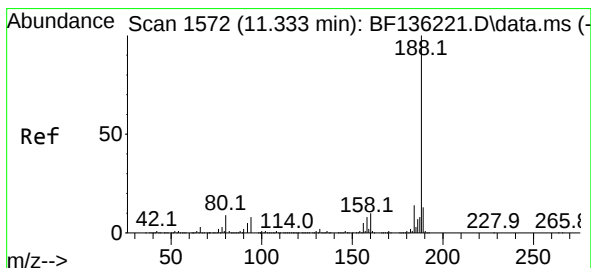
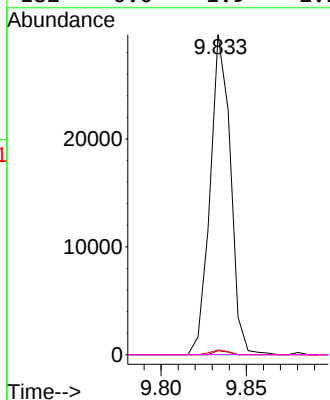
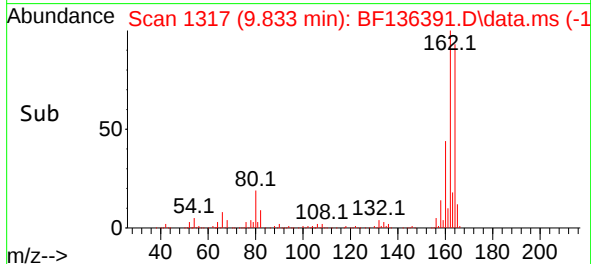


#57
2,4-Dinitrotoluene
Concen: 6.039 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

Instrument :
BNA_F
ClientSampleId :

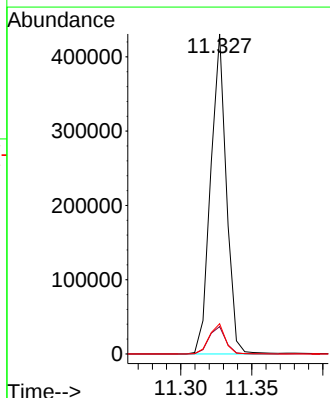
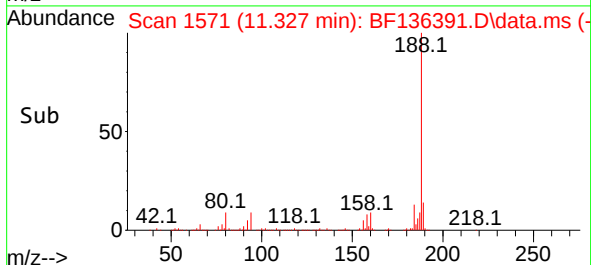
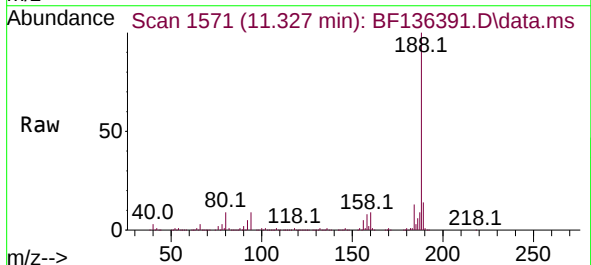


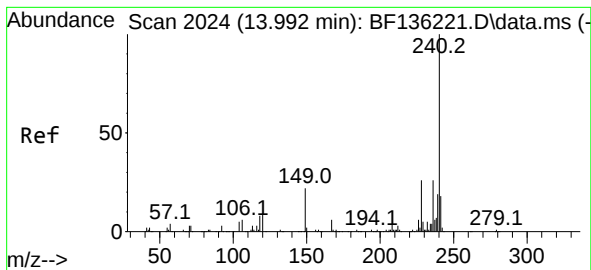
Tgt Ion:165 Resp: 24607
Ion Ratio Lower Upper
165 100
63 1.3 33.0 49.4#
89 1.5 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

Tgt Ion:188 Resp: 330200
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.4 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: BF136391.D

Acq: 04 Dec 2023 20:06

Instrument :

BNA_F

ClientSampleId :

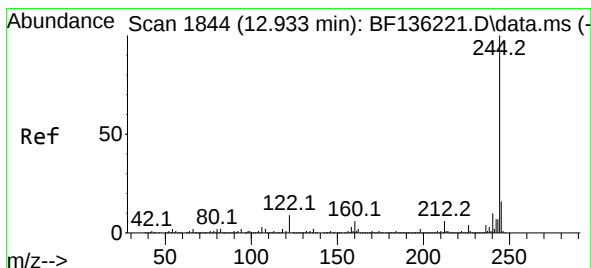
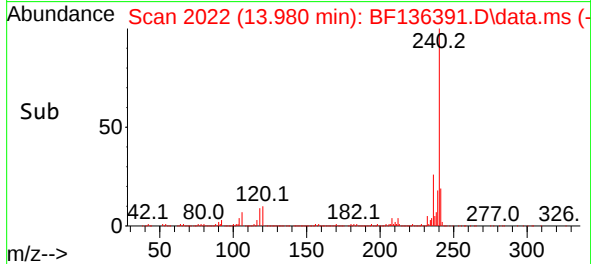
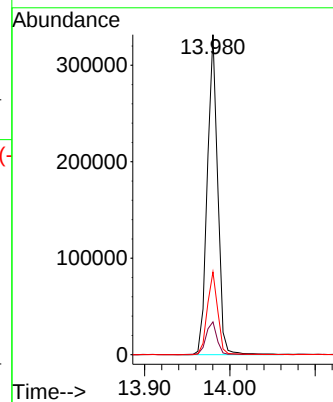
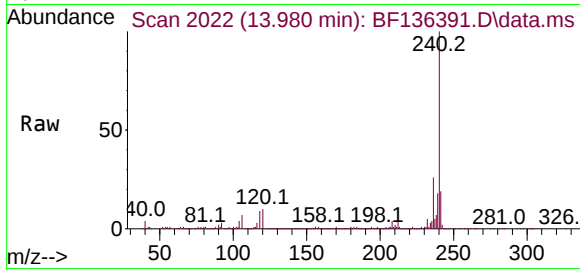
Tgt Ion:240 Resp: 281097

Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.2

236 25.9 21.1 31.7



#79

Terphenyl-d14

Concen: 11.223 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

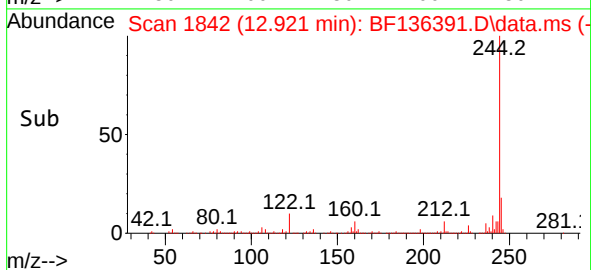
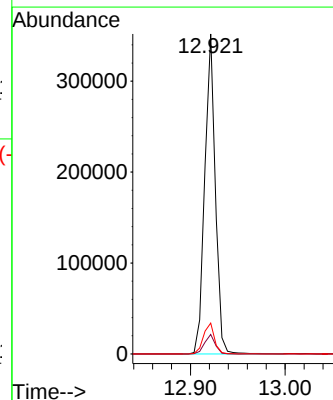
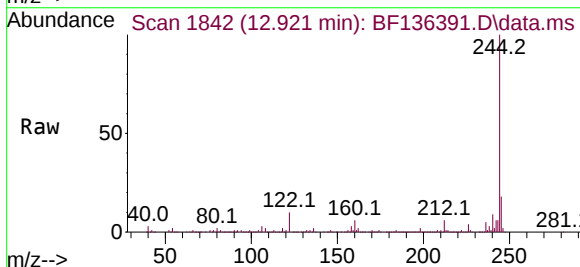
Tgt Ion:244 Resp: 273499

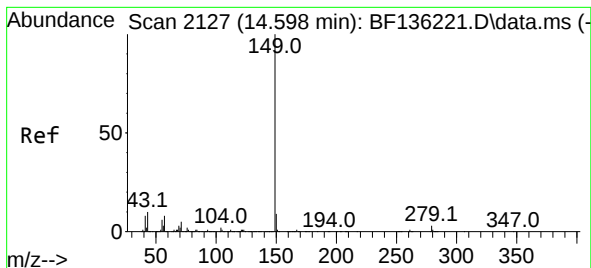
Ion Ratio Lower Upper

244 100

212 6.1 4.6 7.0

122 9.7 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.185 ng

RT: 14.586 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

Instrument :

BNA_F

ClientSampleId :

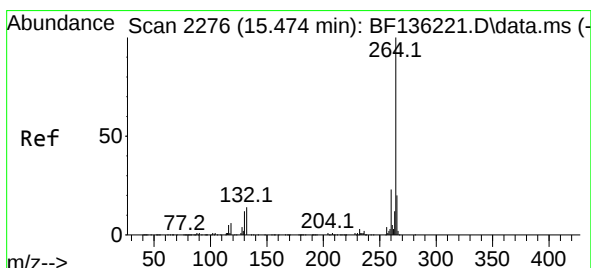
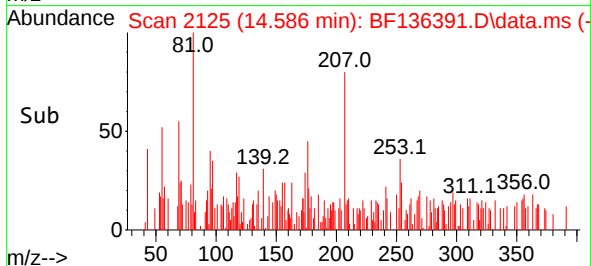
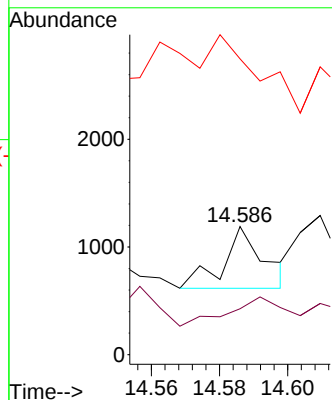
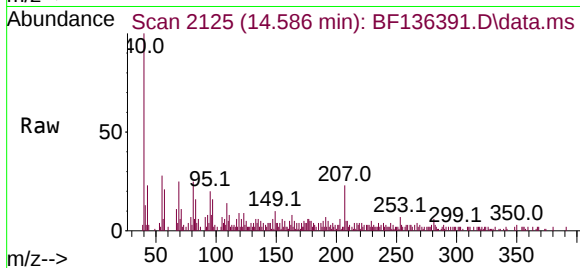
Tgt Ion:149 Resp: 478

Ion Ratio Lower Upper

149 100

167 71.3 1.0 1.6#

43 0.0 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

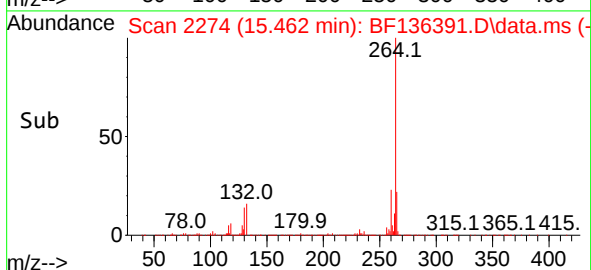
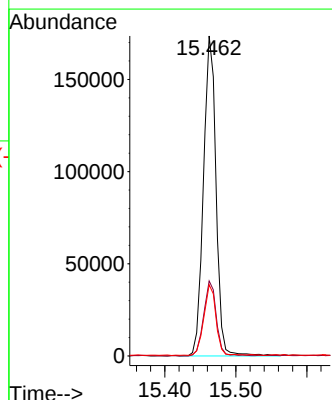
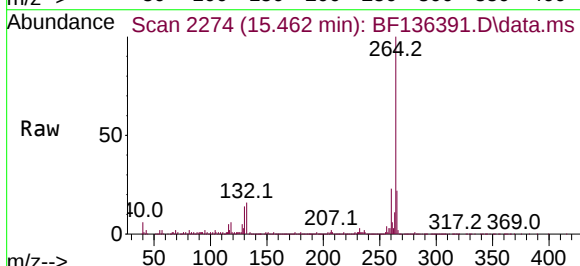
Tgt Ion:264 Resp: 214586

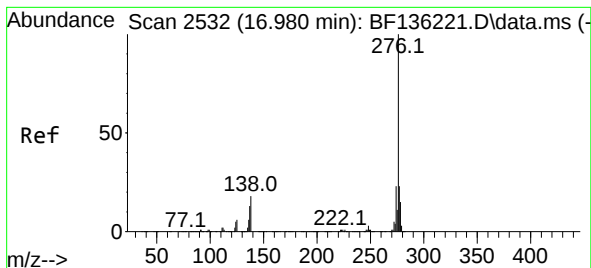
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.2 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.997 ng

RT: 16.956 min Scan# 2528

Delta R.T. -0.006 min

Lab File: BF136391.D

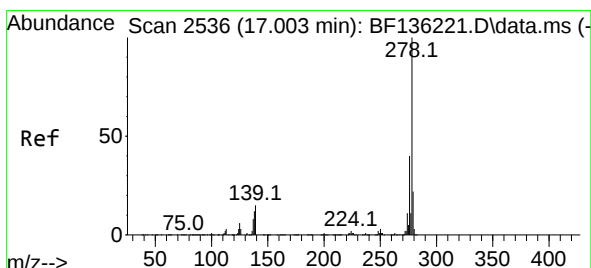
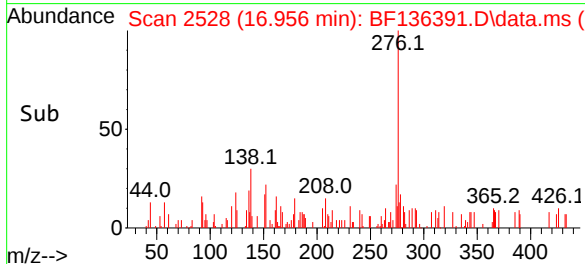
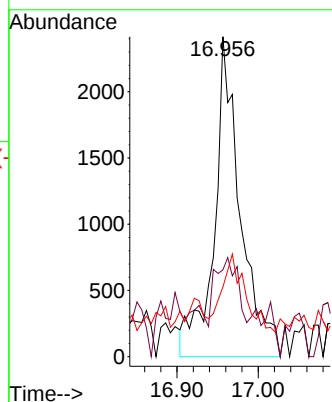
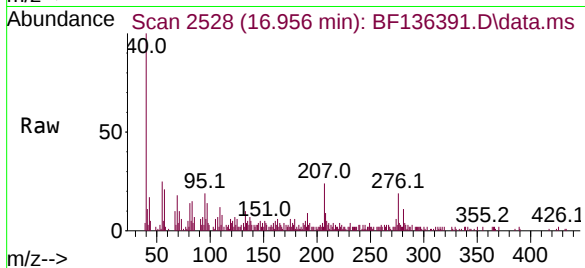
Acq: 04 Dec 2023 20:06

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	276	Resp:	5404
Ion Ratio	Lower	Upper	
276	100		
138	18.2	17.7	26.5
277	21.6	19.6	29.4



#91

Dibenzo(a,h)anthracene

Concen: 2.789 ng

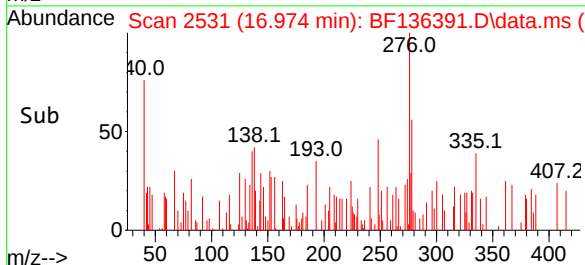
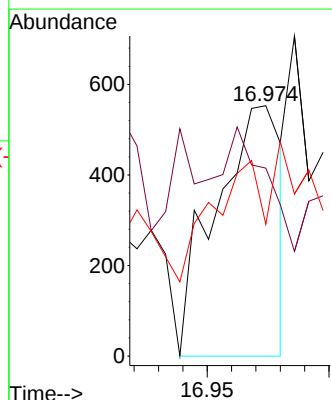
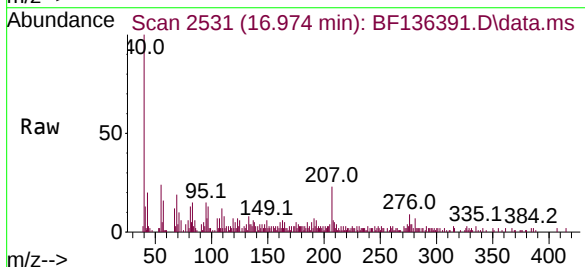
RT: 16.974 min Scan# 2531

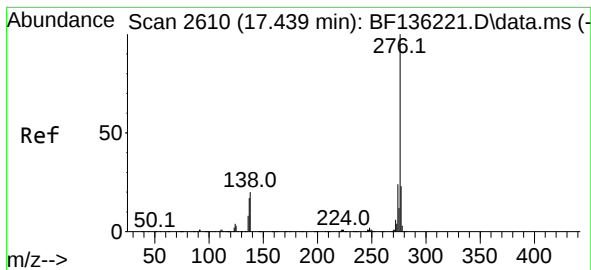
Delta R.T. -0.018 min

Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

Tgt Ion:	278	Resp:	1032
Ion Ratio	Lower	Upper	
278	100		
139	75.0	11.7	17.5#
279	52.6	17.8	26.8#





#92

Benzo(g,h,i)perylene

Concen: 2.297 ng

RT: 17.421 min Scan# 20

Delta R.T. 0.000 min

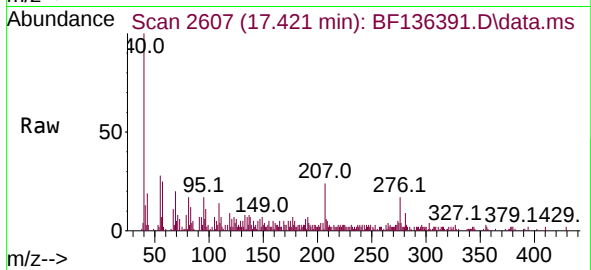
Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 5331

Ion Ratio Lower Upper

276 100

277 26.0 18.6 27.8

138 43.1 15.8 23.8#

