

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136382.D
 Acq On : 04 Dec 2023 15:19
 Operator : CG\JU
 Sample : 05521-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 15:55:02 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)

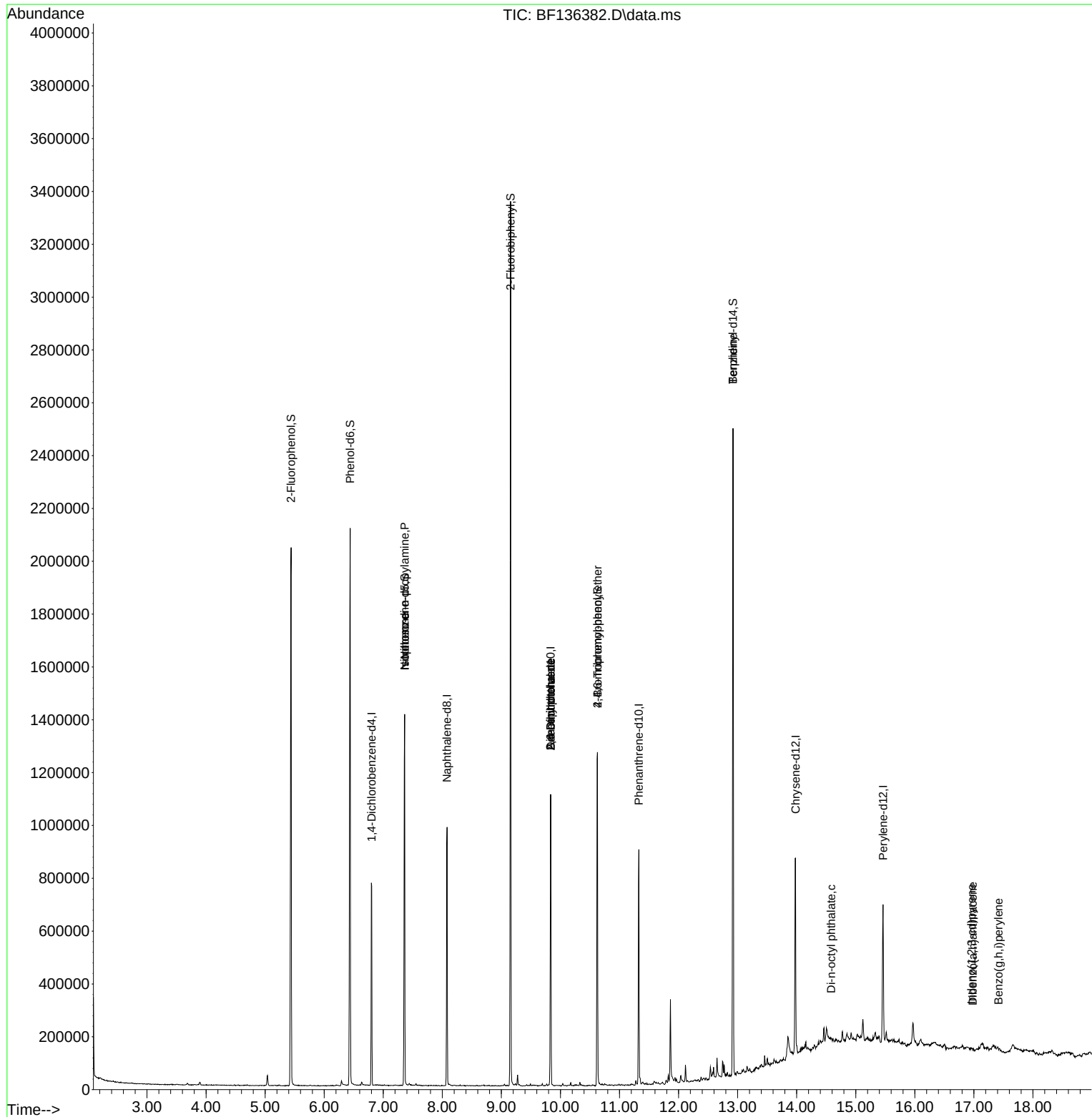
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	114473	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	444085	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	203308	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	325179	20.000	ng	0.00
76) Chrysene-d12	13.980	240	263810	20.000	ng	0.00
86) Perylene-d12	15.462	264	247868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	590515	71.799	ng	0.00
7) Phenol-d6	6.439	99	746406	72.582	ng	0.00
23) Nitrobenzene-d5	7.363	82	440902	52.465	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	170121	68.442	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	892262	56.057	ng	0.00
79) Terphenyl-d14	12.921	244	831006	36.335	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	56726	9.223	ng	# 76
25) Isophorone	7.363	82	436454	28.803	ng	# 68
50) Dimethylphthalate	9.833	163	39838	2.593	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	26471	8.432	ng	# 24
57) 2,4-Dinitrotoluene	9.833	165	26471	6.313	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	10635	2.803	ng	# 1
77) Benzidine	12.921	184	9678	2.232	ng	# 95
85) Di-n-octyl phthalate	14.586	149	235	5.174	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.962	276	4662	2.917	ng	# 74
91) Dibenzo(a,h)anthracene	16.980	278	1903	2.834	ng	# 1
92) Benzo(g,h,i)perylene	17.415	276	5598	2.261	ng	# 91

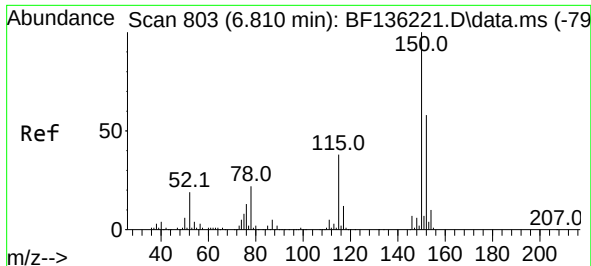
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
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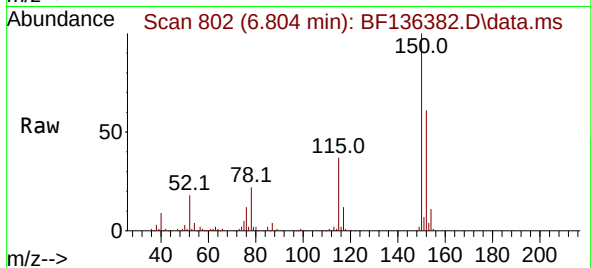
Quant Time: Dec 04 15:55:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:30:53 2023
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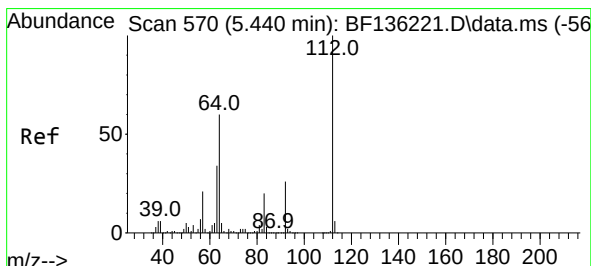
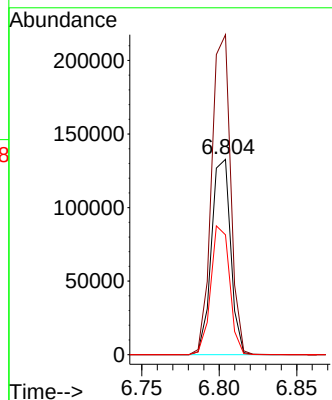
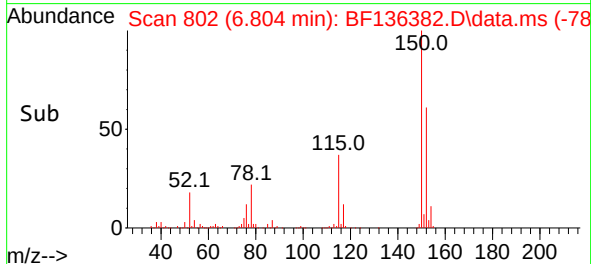


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.000 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

Instrument :
BNA_F
ClientSampleId :

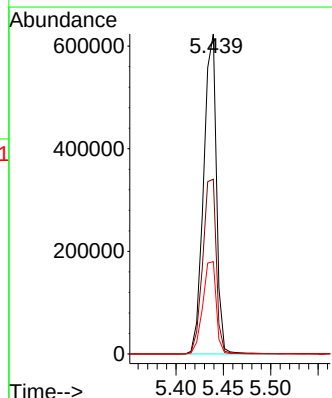
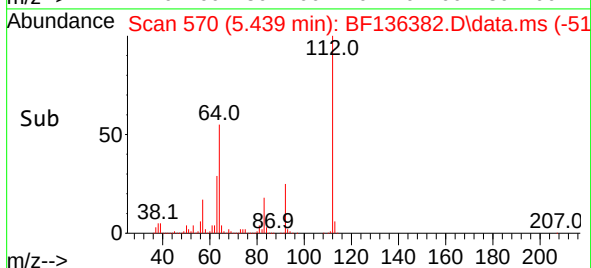
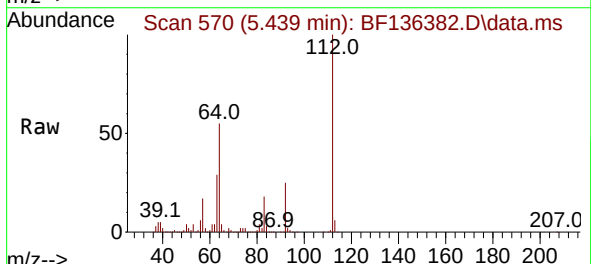


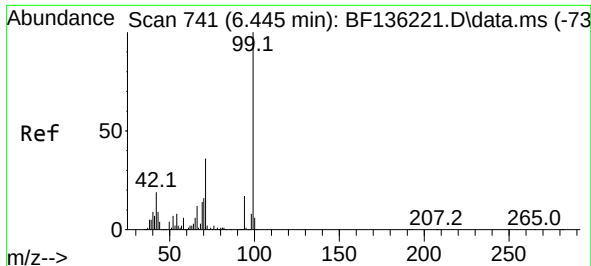
Tgt Ion:152 Resp: 114473
Ion Ratio Lower Upper
152 100
150 163.7 137.8 206.8
115 61.3 52.7 79.1



#5
2-Fluorophenol
Concen: 71.799 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

Tgt Ion:112 Resp: 590515
Ion Ratio Lower Upper
112 100
64 54.6 48.2 72.4
63 28.9 27.0 40.6

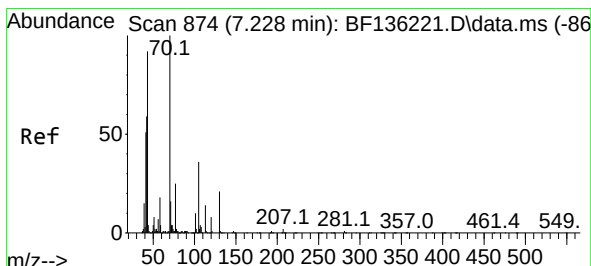
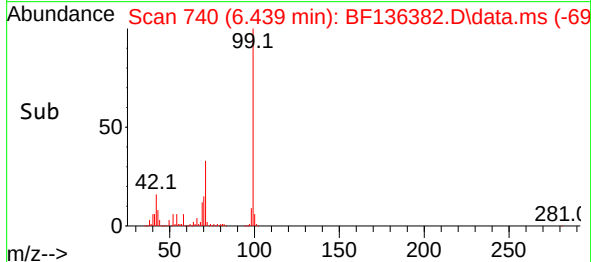
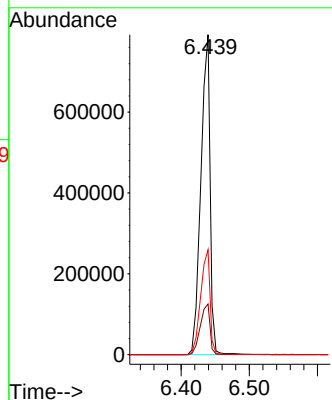
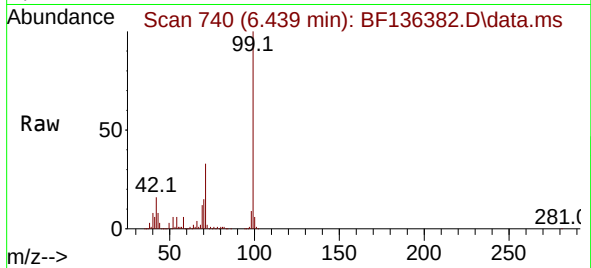




#7
Phenol-d6
Concen: 72.582 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

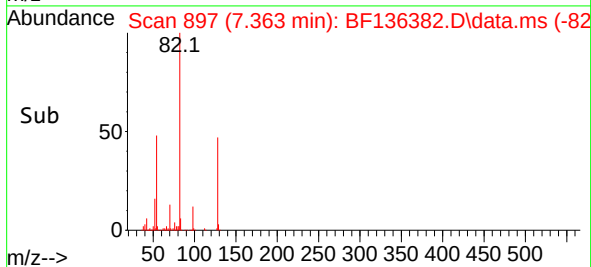
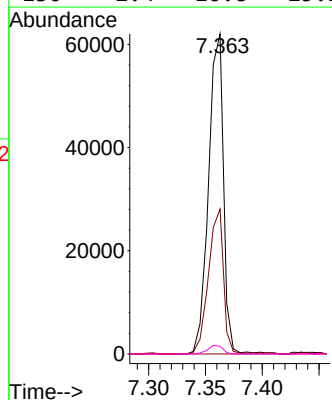
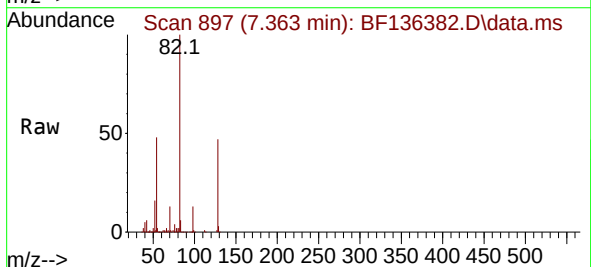
Instrument :
BNA_F
ClientSampleId :

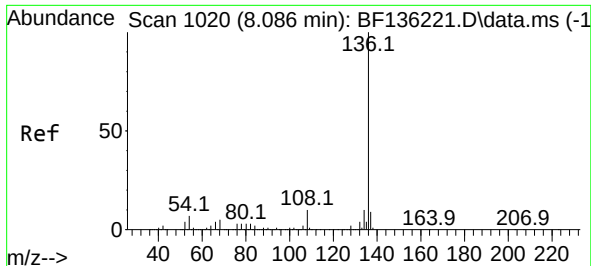
Tgt Ion: 99 Resp: 746406
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.6
71 32.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.223 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

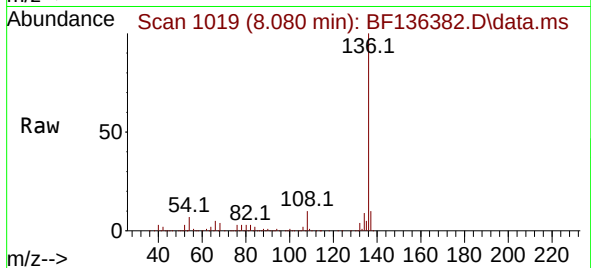
Tgt Ion: 70 Resp: 56726
Ion Ratio Lower Upper
70 100
42 45.2 47.0 70.4#
101 0.0 7.8 11.8#
130 2.4 16.8 25.2#



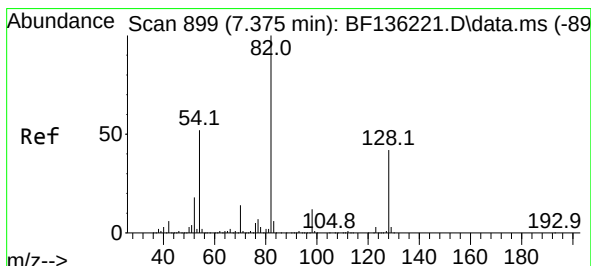
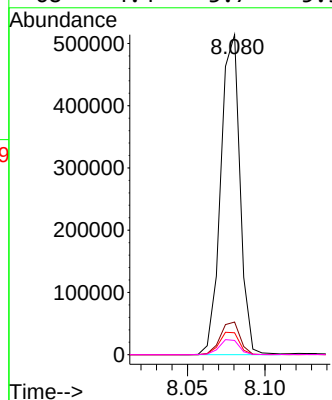
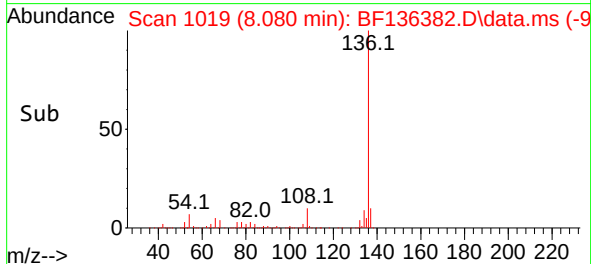


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

Instrument :
BNA_F
ClientSampleId :

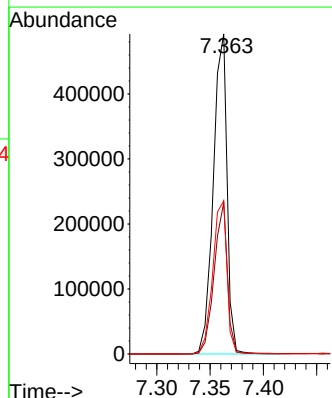
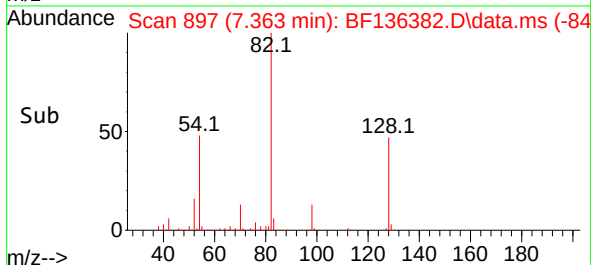
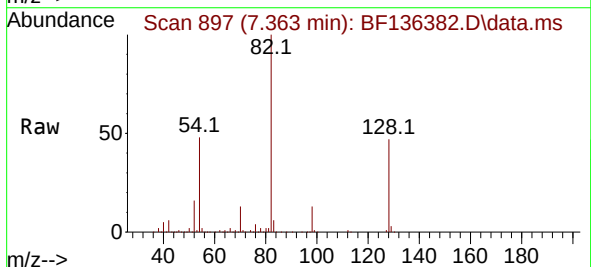


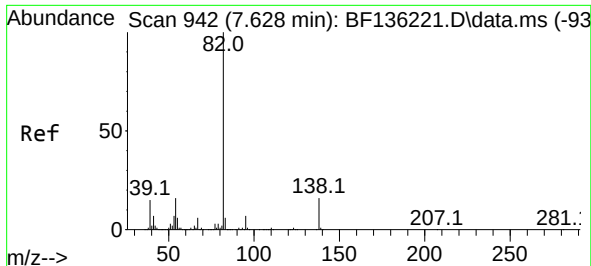
Tgt Ion:136 Resp: 444085
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 6.8 5.5 8.3
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 52.465 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

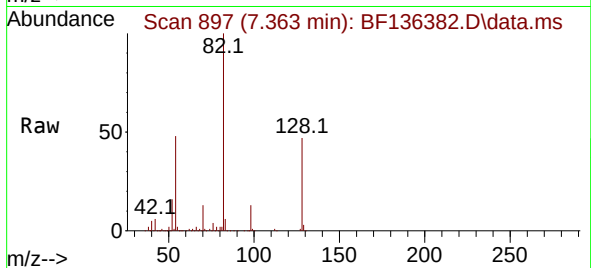
Tgt Ion: 82 Resp: 440902
Ion Ratio Lower Upper
82 100
128 47.2 33.4 50.2
54 47.9 41.7 62.5



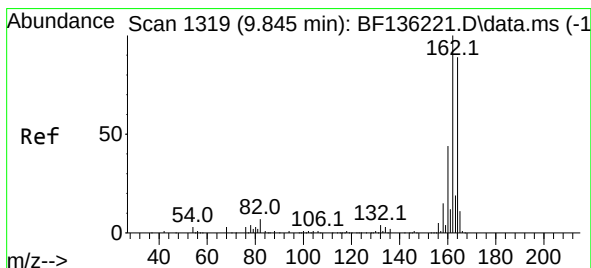
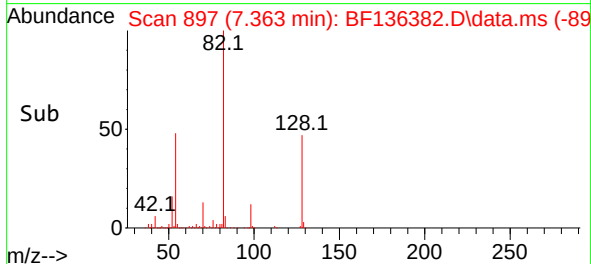
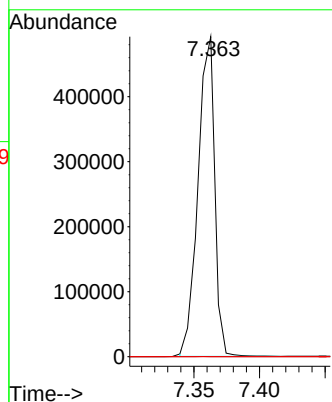


#25
Isophorone
Concen: 28.803 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

Instrument :
BNA_F
ClientSampleId :

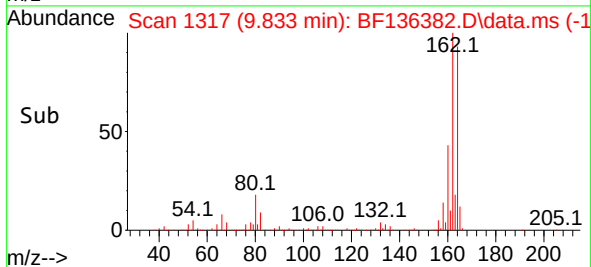
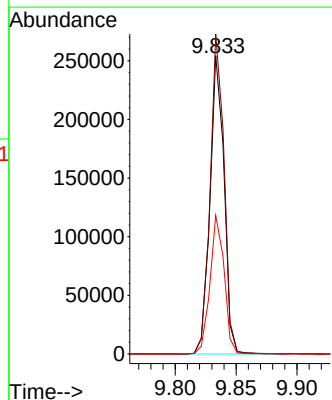
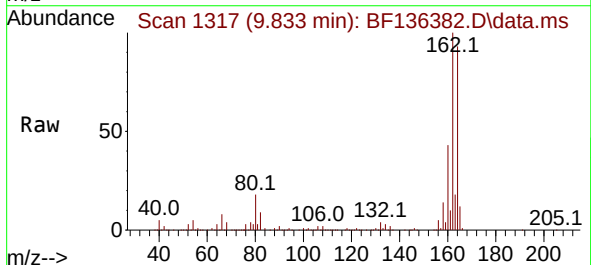


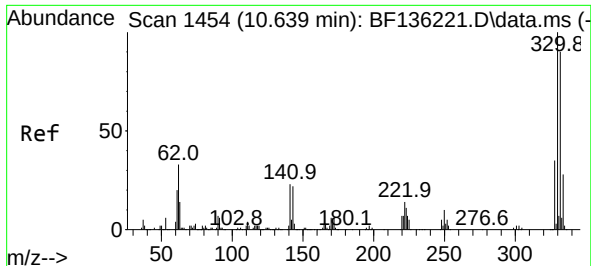
Tgt Ion: 82 Resp: 436454
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

Tgt Ion: 164 Resp: 203308
Ion Ratio Lower Upper
164 100
162 107.2 89.5 134.3
160 46.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 68.442 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.006 min

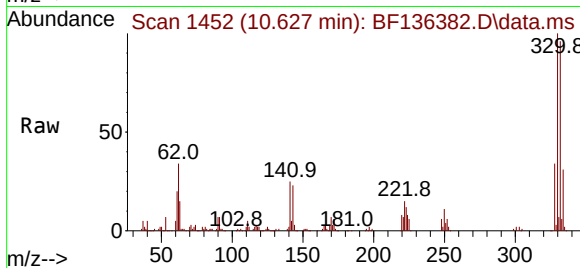
Lab File: BF136382.D

Acq: 04 Dec 2023 15:19

Instrument :

BNA_F

ClientSampleId :



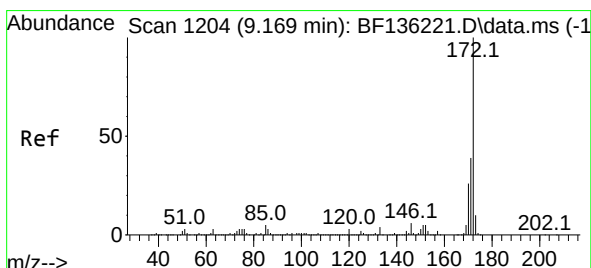
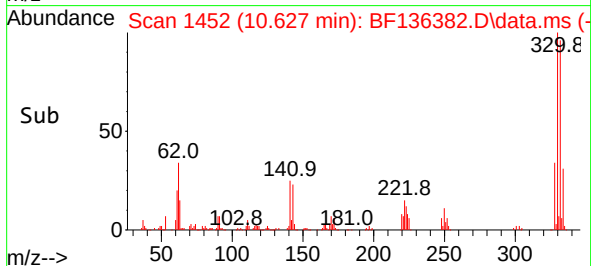
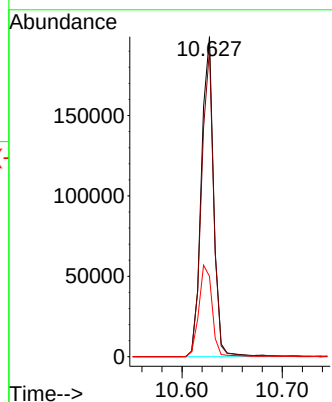
Tgt Ion:330 Resp: 170121

Ion Ratio Lower Upper

330 100

332 94.8 73.0 109.6

141 30.9 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 56.057 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136382.D

Acq: 04 Dec 2023 15:19

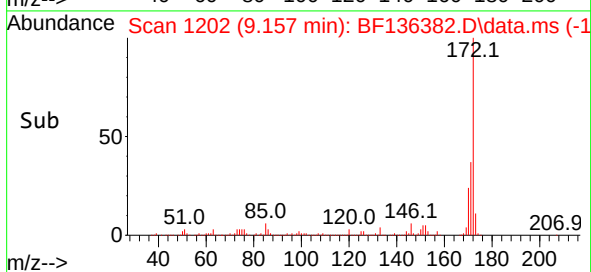
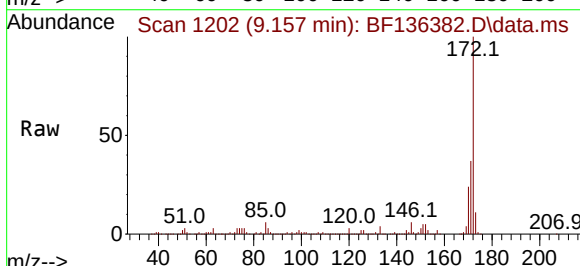
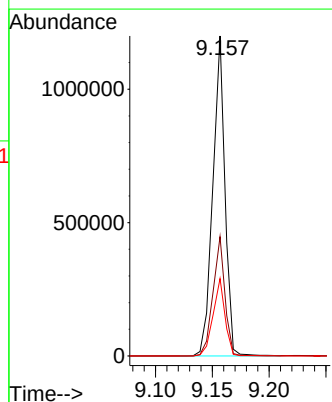
Tgt Ion:172 Resp: 892262

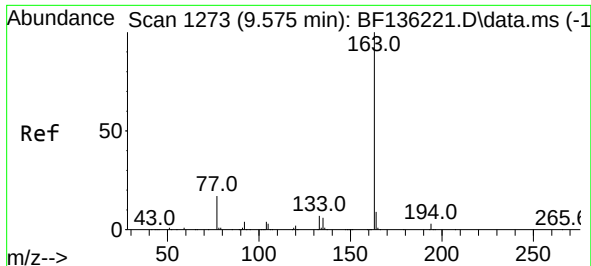
Ion Ratio Lower Upper

172 100

171 37.3 31.5 47.3

170 24.2 20.8 31.2

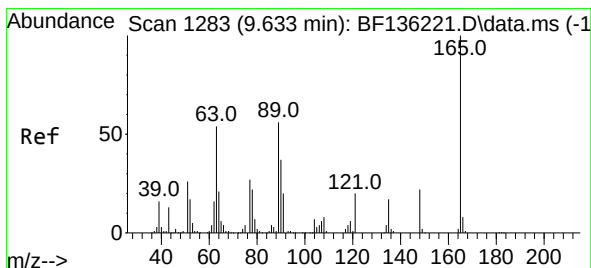
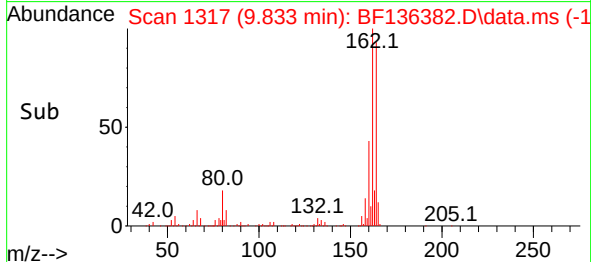
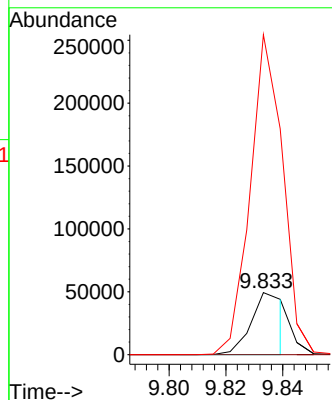
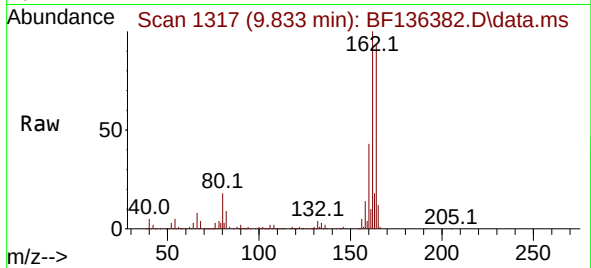




#50
Dimethylphthalate
Concen: 2.593 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

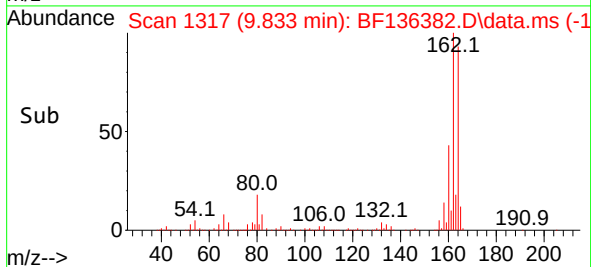
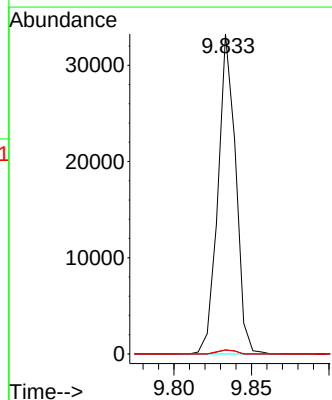
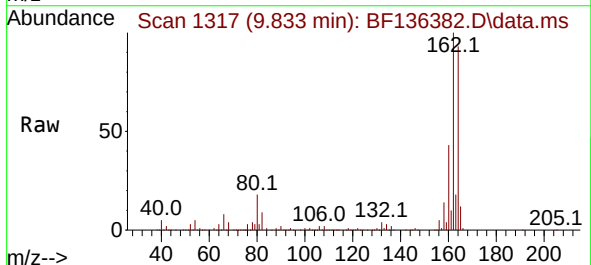
Instrument :
BNA_F
ClientSampleId :

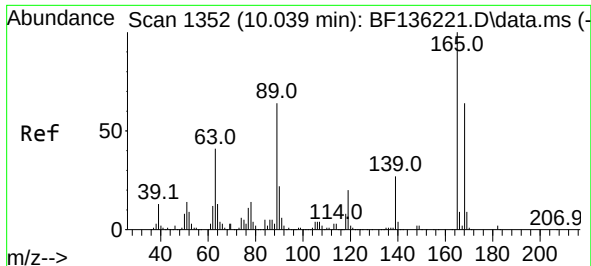
Tgt Ion:163 Resp: 39838
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 515.0 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.432 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

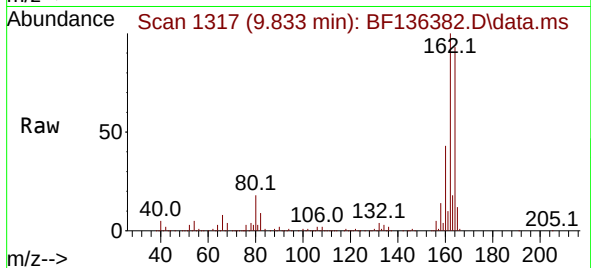
Tgt Ion:165 Resp: 26471
Ion Ratio Lower Upper
165 100
63 1.3 46.2 69.2#
89 1.3 44.9 67.3#



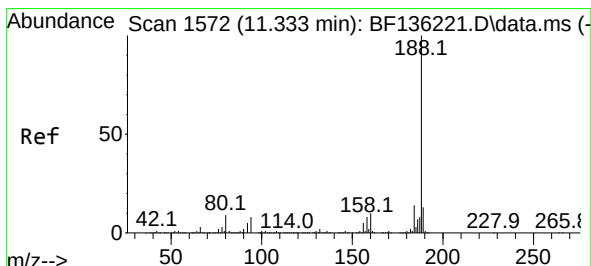
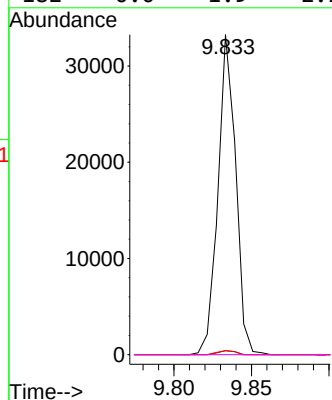
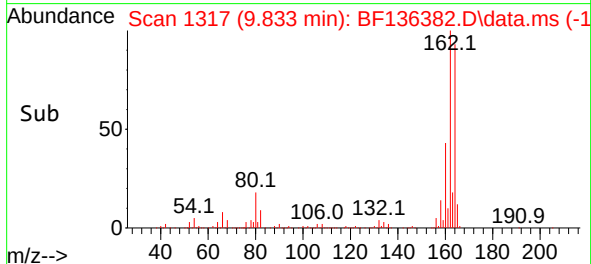


#57
2,4-Dinitrotoluene
Concen: 6.313 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

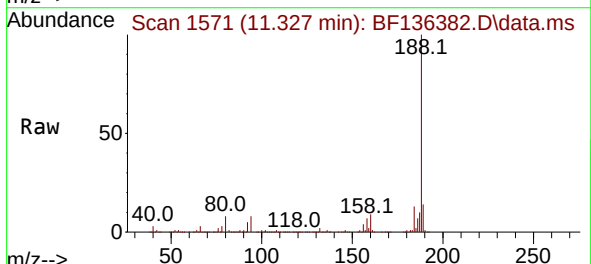
Instrument :
BNA_F
ClientSampleId :



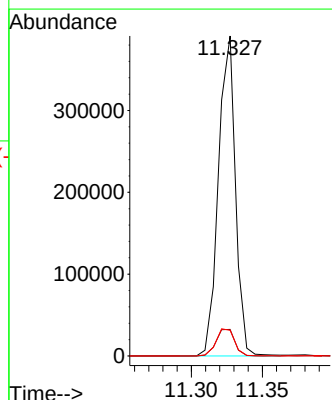
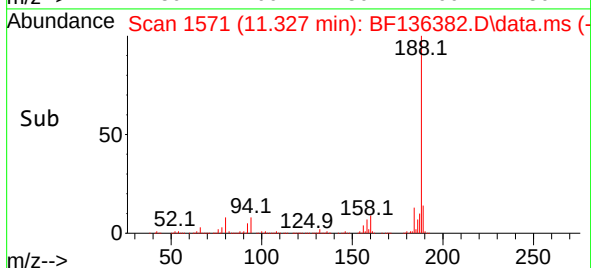
Tgt Ion:165 Resp: 26471
Ion Ratio Lower Upper
165 100
63 1.3 33.0 49.4#
89 1.3 51.5 77.3#
182 0.0 1.9 2.9#

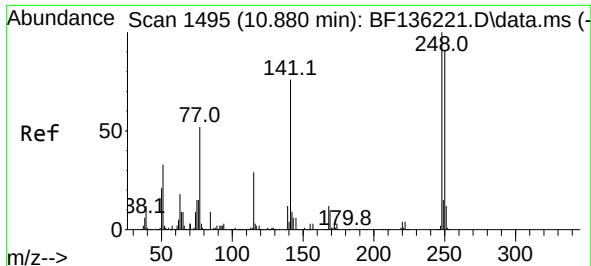


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19



Tgt Ion:188 Resp: 325179
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.0 7.2 10.8





#67

4-Bromophenyl-phenylether

Concen: 2.803 ng

RT: 10.627 min Scan# 1495

Delta R.T. -0.247 min

Lab File: BF136382.D

Acq: 04 Dec 2023 15:19

Instrument :

BNA_F

ClientSampleId :

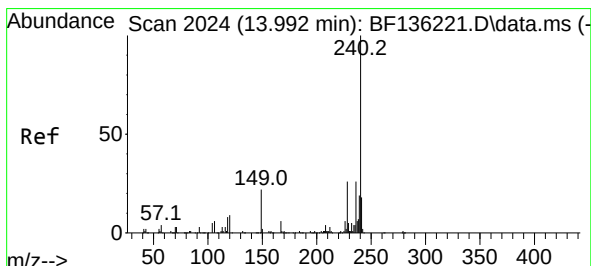
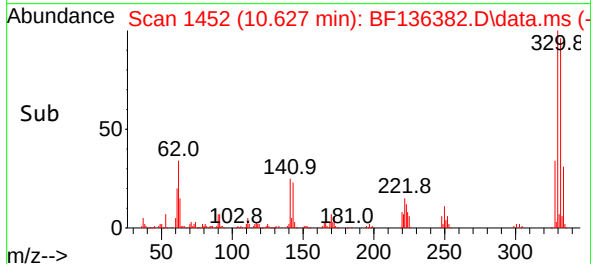
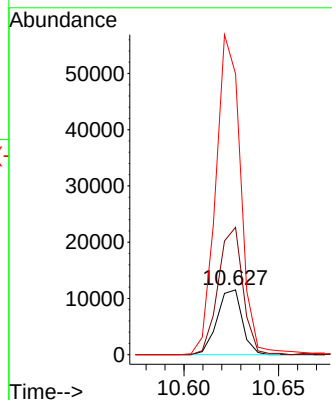
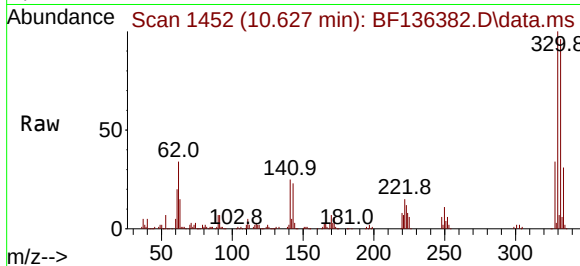
Tgt Ion:248 Resp: 10635

Ion Ratio Lower Upper

248 100

250 196.6 72.5 108.7#

141 433.7 60.8 91.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF136382.D

Acq: 04 Dec 2023 15:19

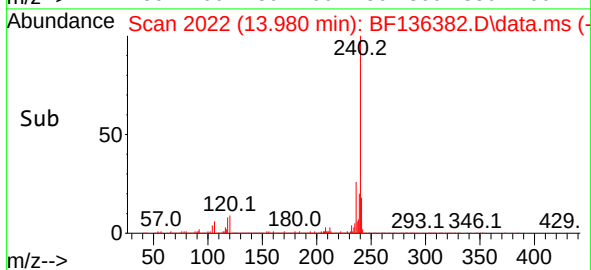
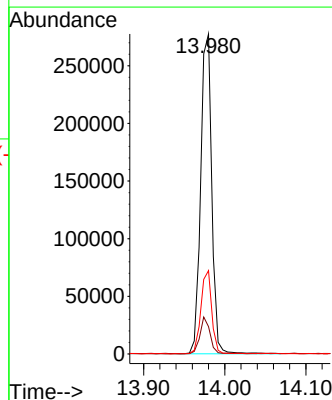
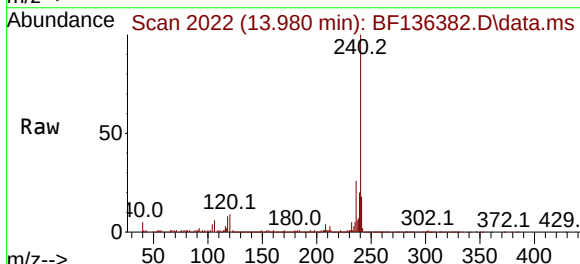
Tgt Ion:240 Resp: 263810

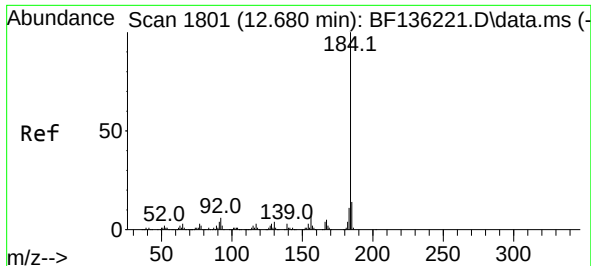
Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.2

236 26.1 21.1 31.7

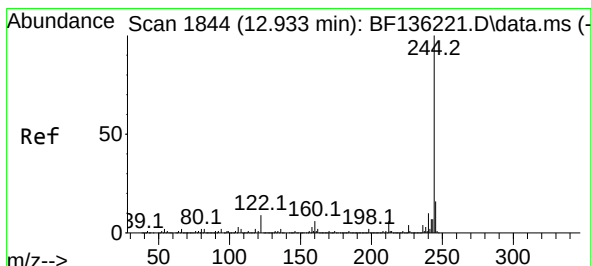
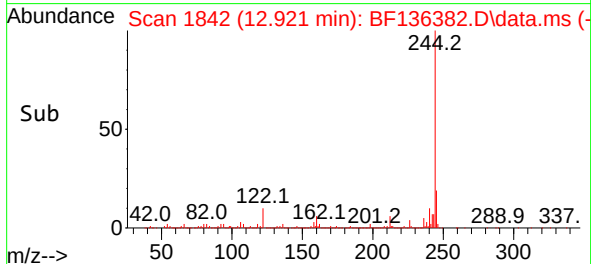
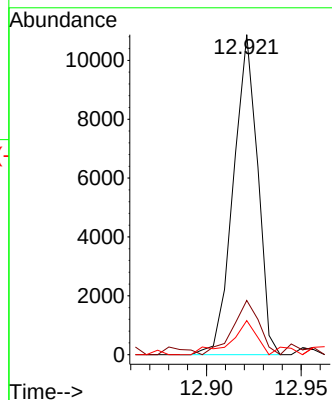
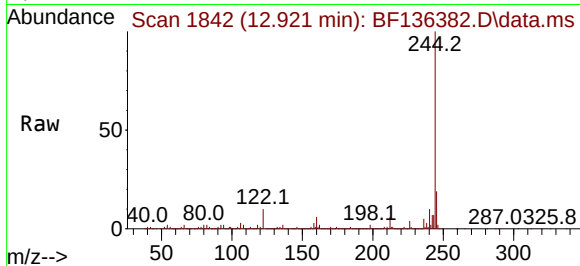




#77
Benzidine
Concen: 2.232 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

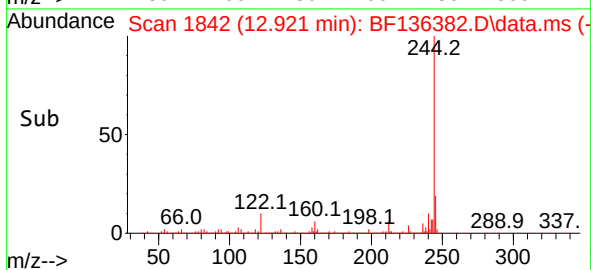
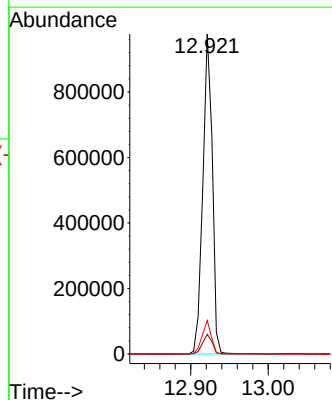
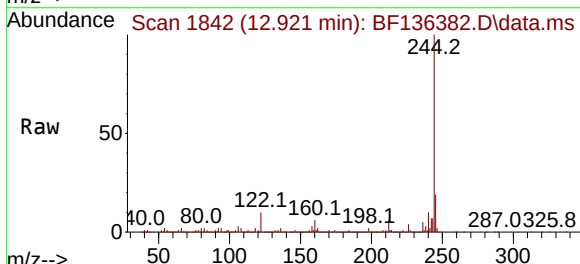
Instrument :
BNA_F
ClientSampleId :

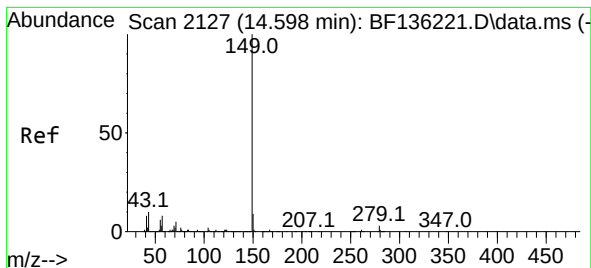
Tgt Ion:184 Resp: 9678
Ion Ratio Lower Upper
184 100
185 17.0 11.0 16.6#
183 10.7 9.0 13.4



#79
Terphenyl-d14
Concen: 36.335 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

Tgt Ion:244 Resp: 831006
Ion Ratio Lower Upper
244 100
212 6.1 4.6 7.0
122 10.5 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.174 ng

RT: 14.586 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136382.D

Acq: 04 Dec 2023 15:19

Instrument :

BNA_F

ClientSampleId :

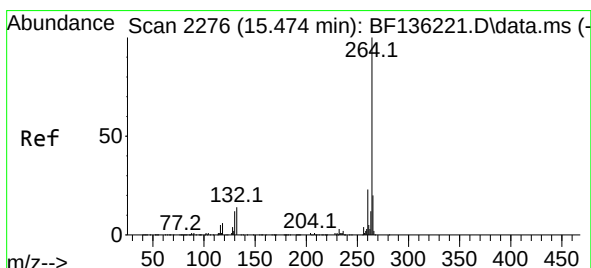
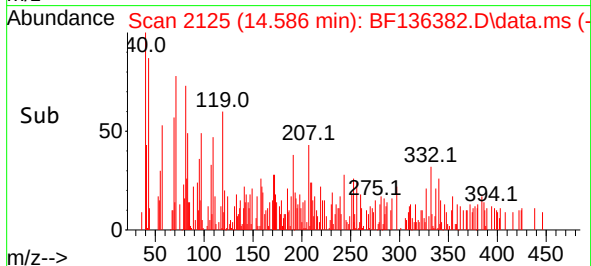
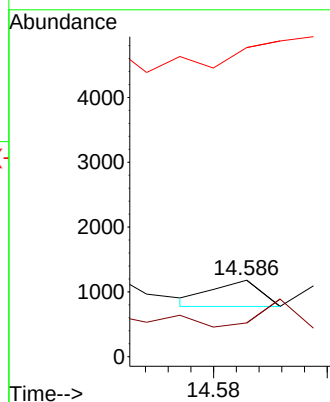
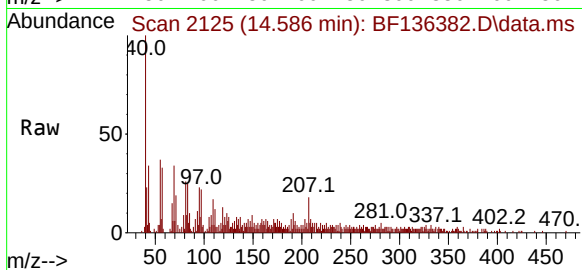
Tgt Ion:149 Resp: 235

Ion Ratio Lower Upper

149 100

167 80.0 1.0 1.6#

43 788.1 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: BF136382.D

Acq: 04 Dec 2023 15:19

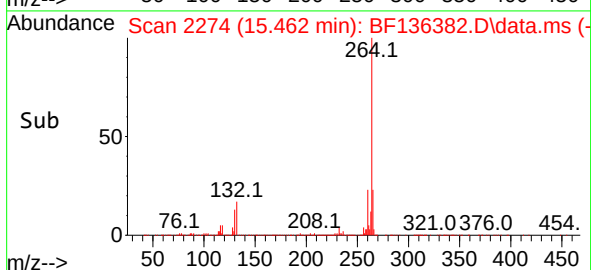
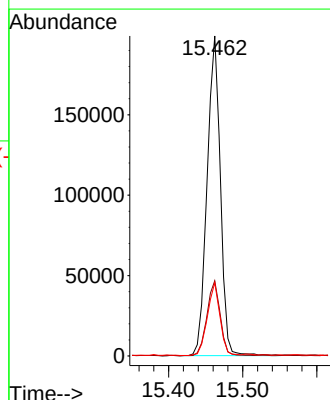
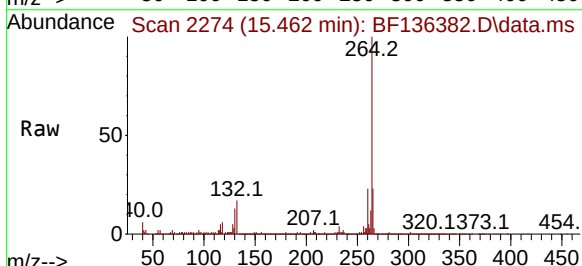
Tgt Ion:264 Resp: 247868

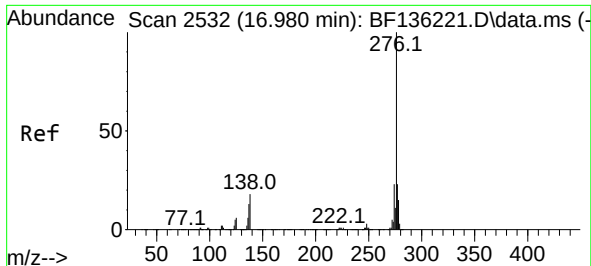
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.9 15.7 23.5

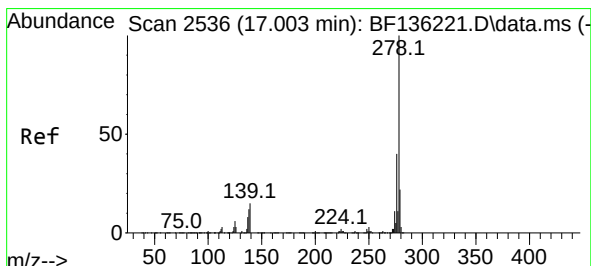
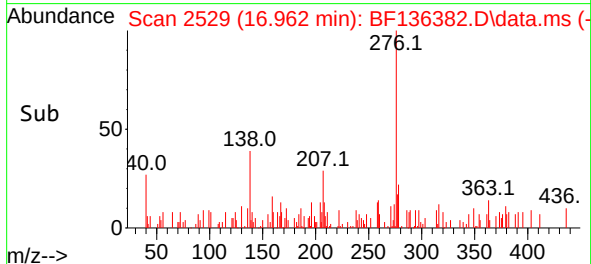
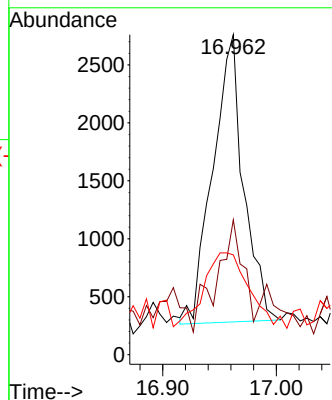
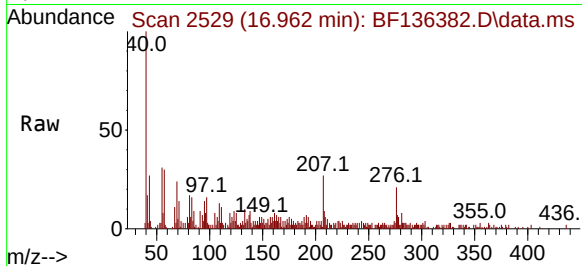




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.917 ng
 RT: 16.962 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF136382.D
 Acq: 04 Dec 2023 15:19

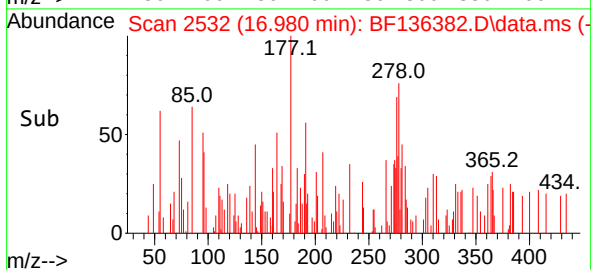
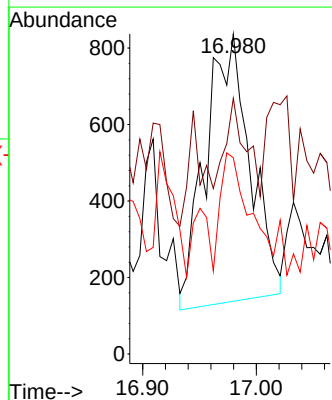
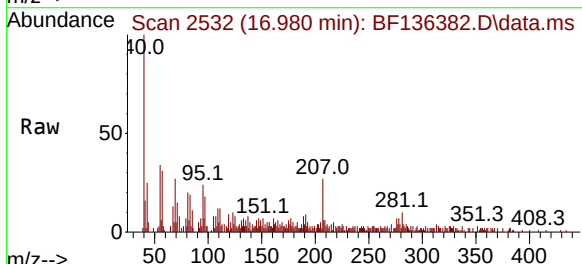
Instrument :
 BNA_F
 ClientSampleId :

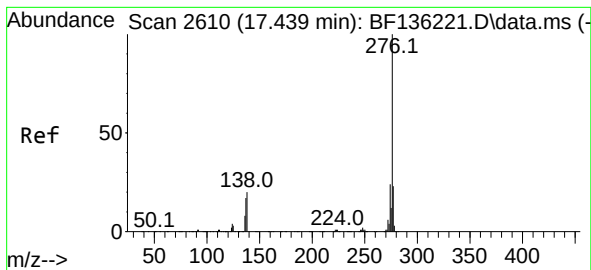
Tgt Ion:276 Resp: 4662
 Ion Ratio Lower Upper
 276 100
 138 33.8 17.7 26.5#
 277 38.4 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 2.834 ng
 RT: 16.980 min Scan# 2532
 Delta R.T. -0.012 min
 Lab File: BF136382.D
 Acq: 04 Dec 2023 15:19

Tgt Ion:278 Resp: 1903
 Ion Ratio Lower Upper
 278 100
 139 79.9 11.7 17.5#
 279 61.3 17.8 26.8#





#92

Benzo(g,h,i)perylene

Concen: 2.261 ng

RT: 17.415 min Scan# 20

Delta R.T. -0.006 min

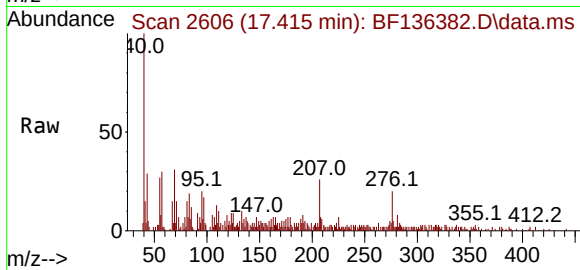
Lab File: BF136382.D

Acq: 04 Dec 2023 15:19

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 5598

Ion Ratio Lower Upper

276 100

277 25.1 18.6 27.8

138 27.0 15.8 23.8#

