

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136377.D
 Acq On : 04 Dec 2023 12:39
 Operator : CG\JU
 Sample : 05561-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 12:57:51 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)

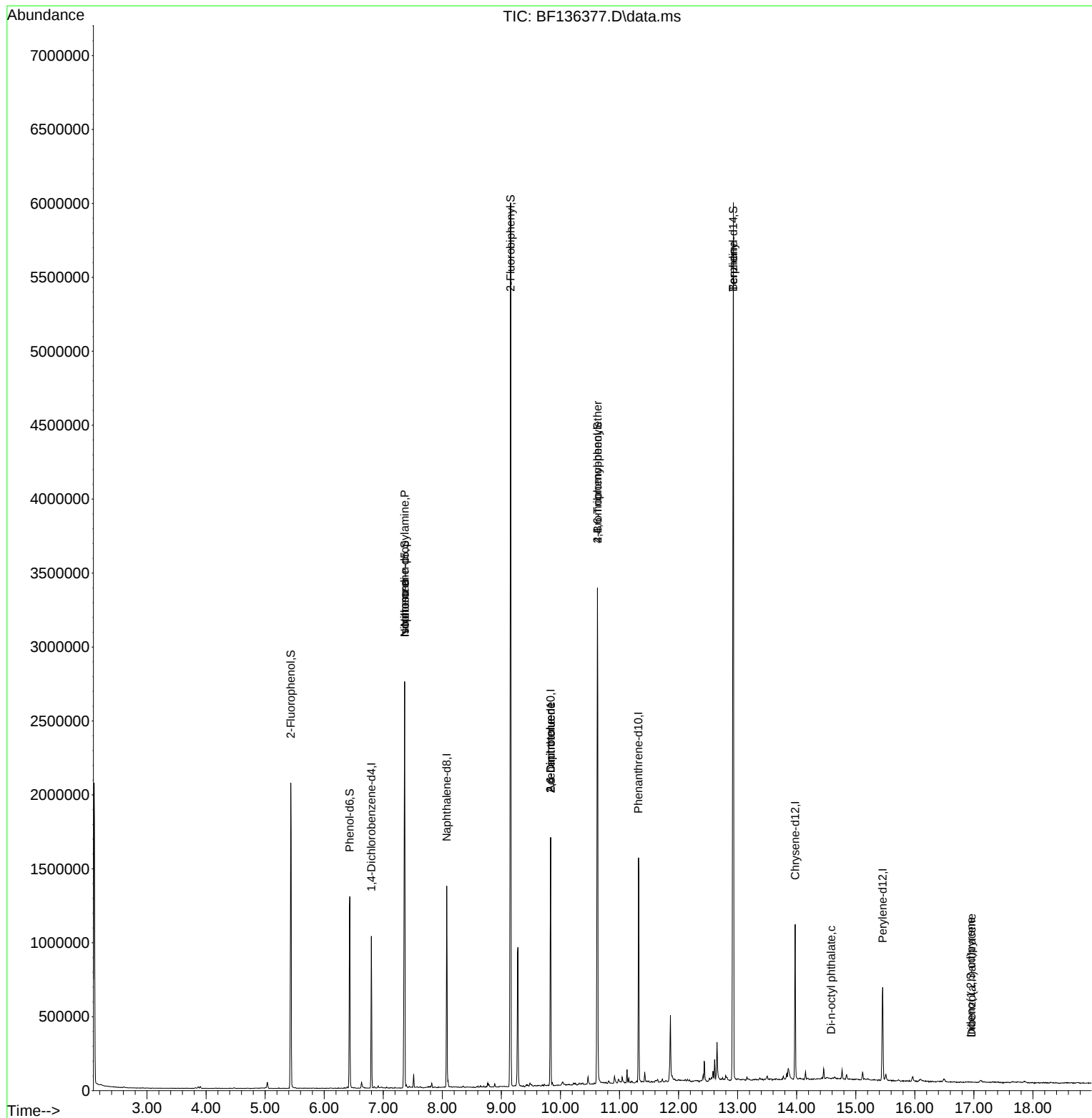
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	136364	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	566213	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	296419	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	559765	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	331910	20.000	ng	-0.02
86) Perylene-d12	15.457	264	302385	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	586074	59.820	ng	0.00
7) Phenol-d6	6.434	99	457963	37.384	ng	-0.01
23) Nitrobenzene-d5	7.363	82	965508	90.108	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	512560	141.436	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1941726	83.671	ng	-0.01
79) Terphenyl-d14	12.927	244	2304285	80.081	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	126939	17.326	ng	# 73
25) Isophorone	7.363	82	964318	49.911	ng	# 68
51) 2,6-Dinitrotoluene	9.833	165	38647	8.444	ng	# 24
57) 2,4-Dinitrotoluene	9.833	165	38647	6.321	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	29770	4.559	ng	# 1
77) Benzidine	12.927	184	25737	4.717	ng	# 90
85) Di-n-octyl phthalate	14.586	149	731	5.192	ng	# 73
87) Indeno(1,2,3-cd)pyrene	16.951	276	809	2.713	ng	# 76
91) Dibenzo(a,h)anthracene	16.962	278	200	2.724	ng	# 1

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

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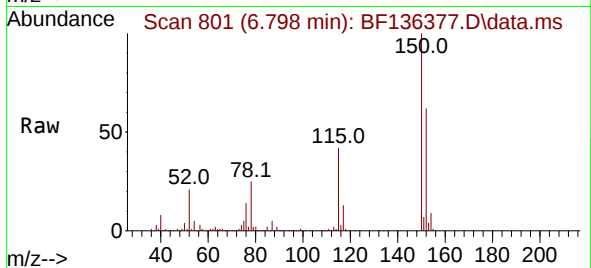
Quant Time: Dec 04 12:57:51 2023
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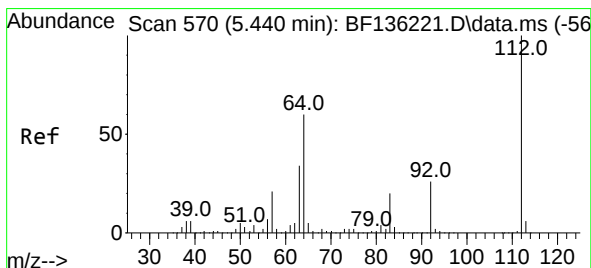
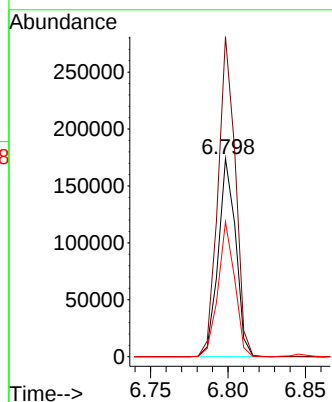
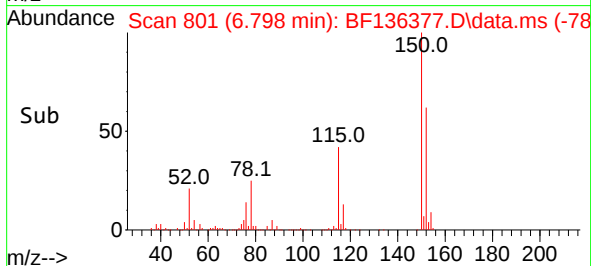


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

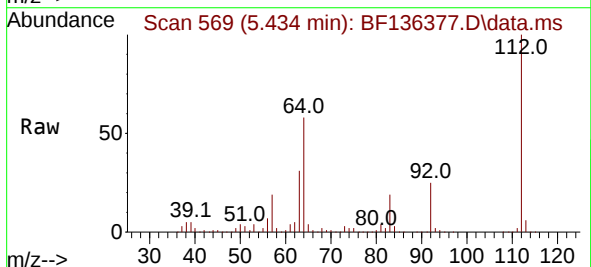
Instrument :
BNA_F
ClientSampleId :



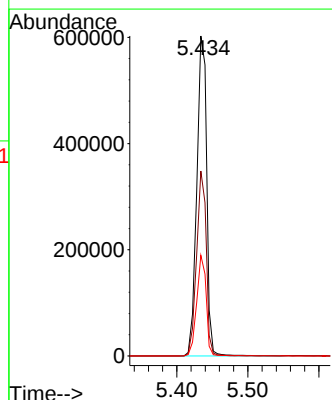
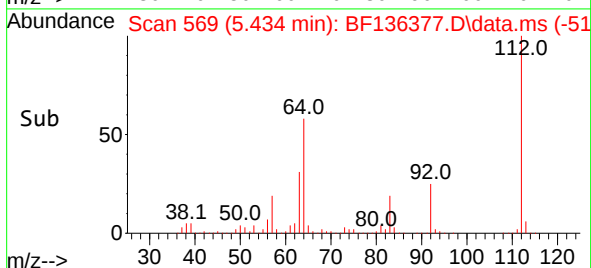
Tgt Ion:152 Resp: 136364
Ion Ratio Lower Upper
152 100
150 161.5 137.8 206.8
115 68.0 52.7 79.1



#5
2-Fluorophenol
Concen: 59.820 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39



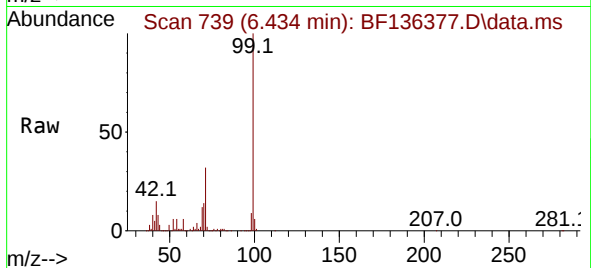
Tgt Ion:112 Resp: 586074
Ion Ratio Lower Upper
112 100
64 57.8 48.2 72.4
63 31.5 27.0 40.6



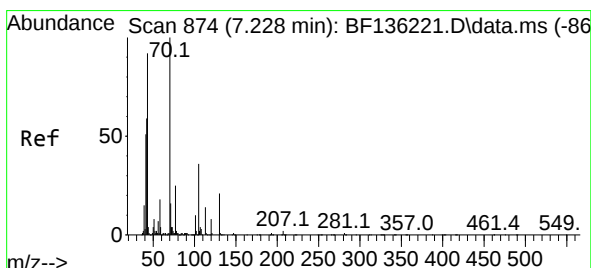
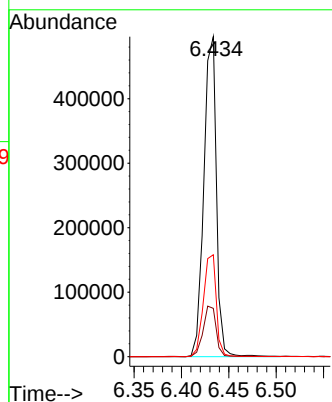
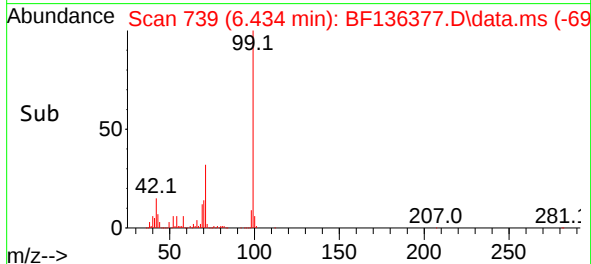


#7
Phenol-d6
Concen: 37.384 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

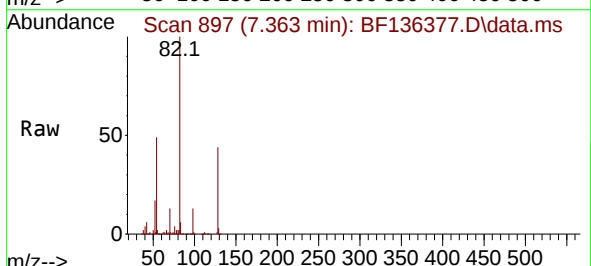
Instrument :
BNA_F
ClientSampleId :



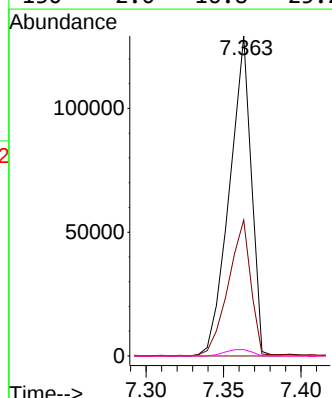
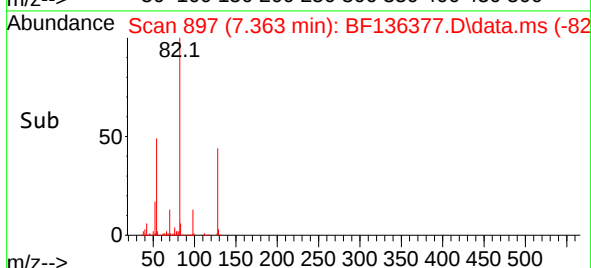
Tgt Ion: 99 Resp: 457963
Ion Ratio Lower Upper
99 100
42 15.1 15.0 22.6
71 31.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.326 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39



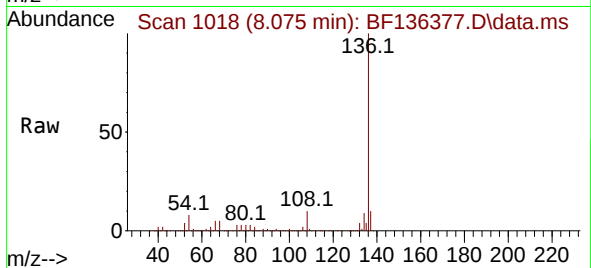
Tgt Ion: 70 Resp: 126939
Ion Ratio Lower Upper
70 100
42 42.5 47.0 70.4#
101 0.0 7.8 11.8#
130 2.0 16.8 25.2#





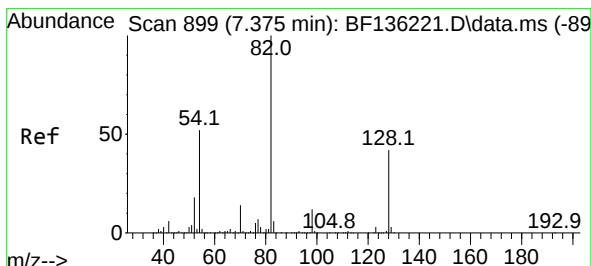
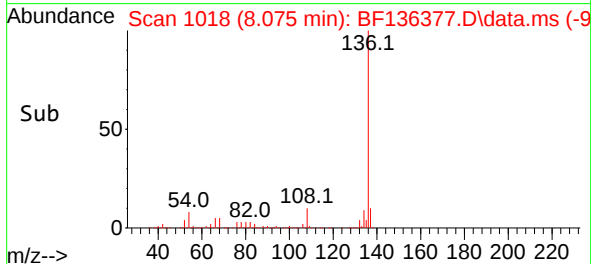
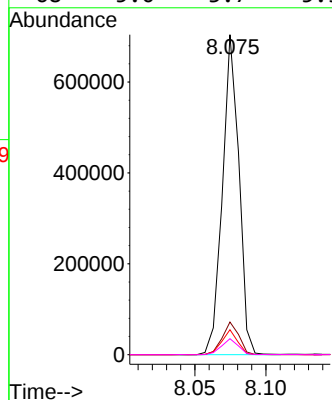
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 566213

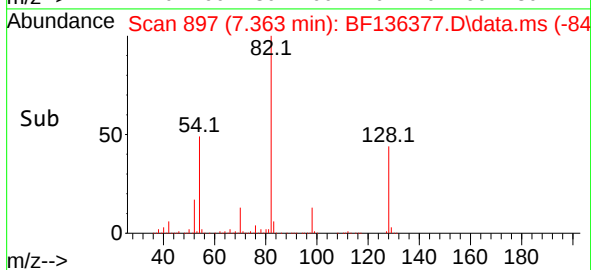
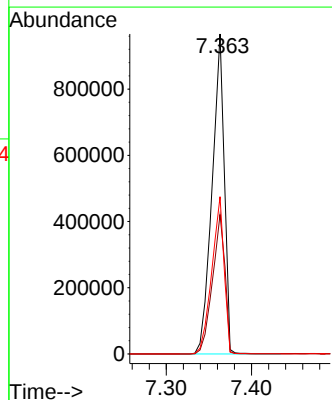
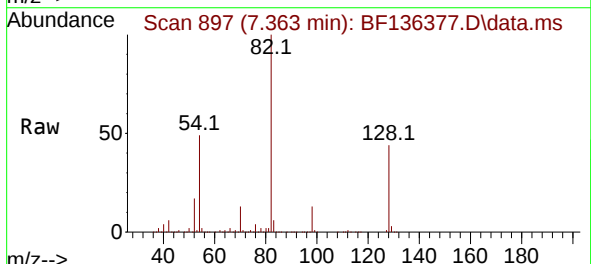
Ion	Ratio	Lower	Upper
136	100		
137	10.2	7.4	11.2
54	7.8	5.5	8.3
68	5.0	3.7	5.5



#23
Nitrobenzene-d5
Concen: 90.108 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

Tgt Ion: 82 Resp: 965508

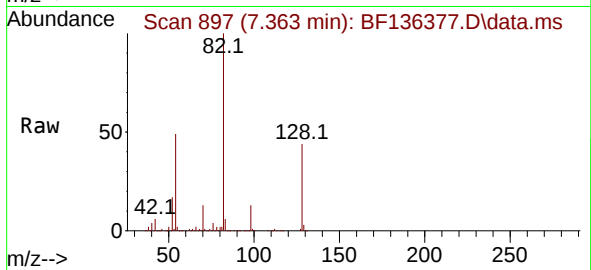
Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.2
54	49.1	41.7	62.5



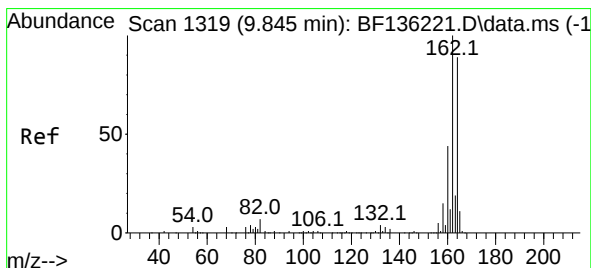
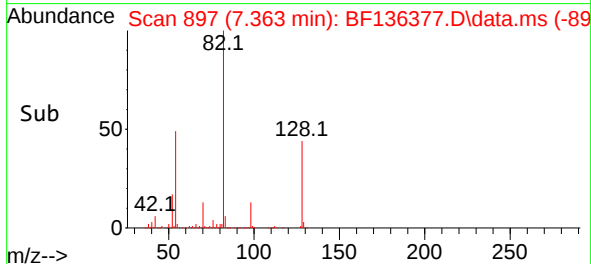
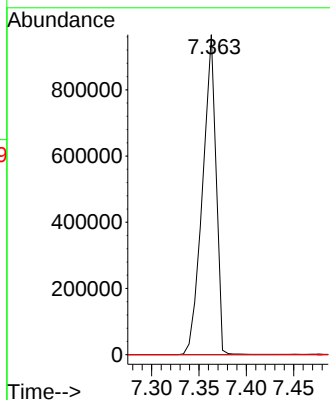


#25
Isophorone
Concen: 49.911 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

Instrument :
BNA_F
ClientSampleId :

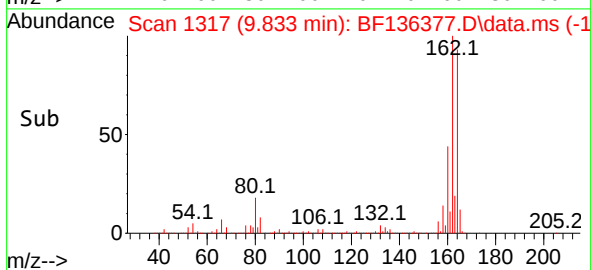
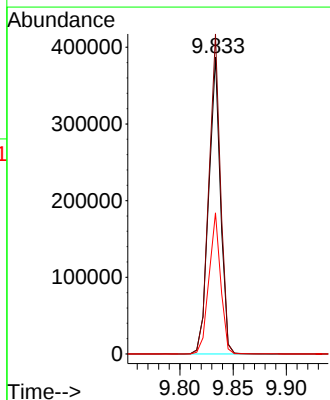
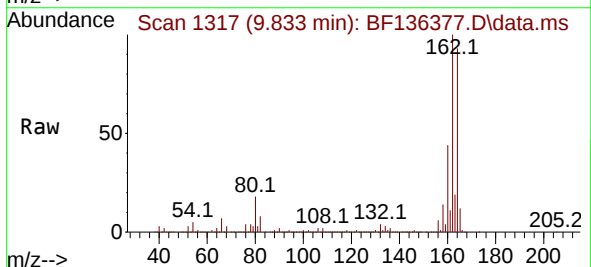


Tgt Ion: 82 Resp: 964318
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

Tgt Ion: 164 Resp: 296419
Ion Ratio Lower Upper
164 100
162 107.7 89.5 134.3
160 47.5 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 141.436 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

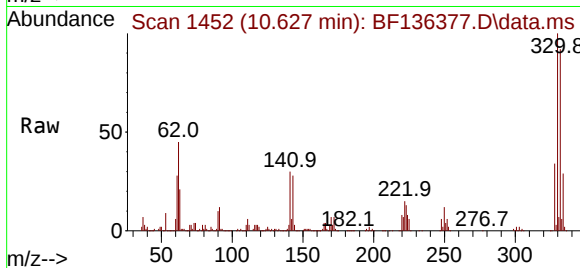
Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

Instrument :

BNA_F

ClientSampleId :



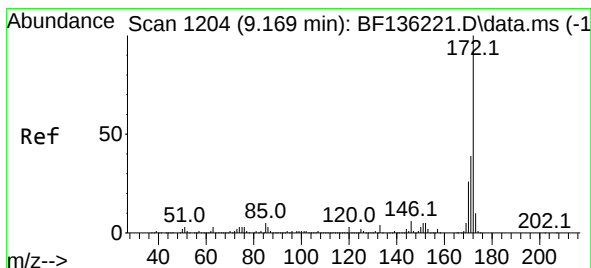
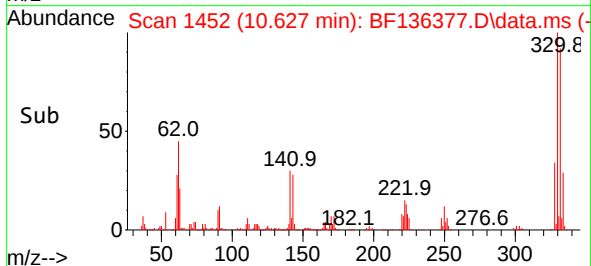
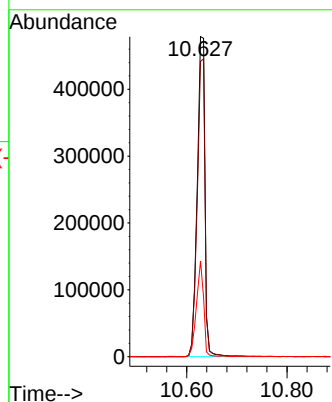
Tgt Ion:330 Resp: 512560

Ion Ratio Lower Upper

330 100

332 92.9 73.0 109.6

141 28.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 83.671 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

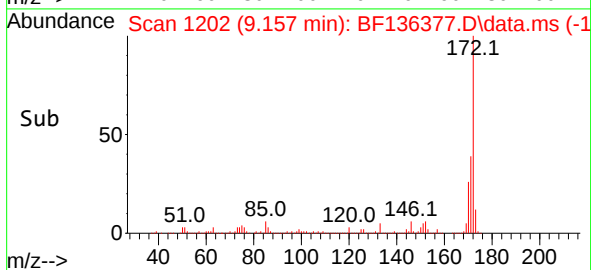
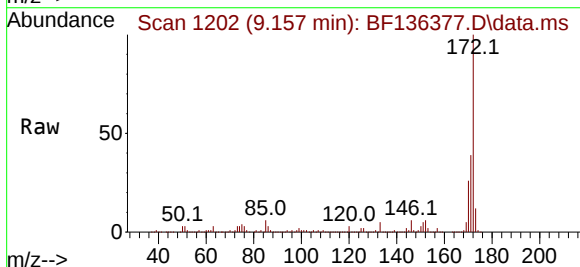
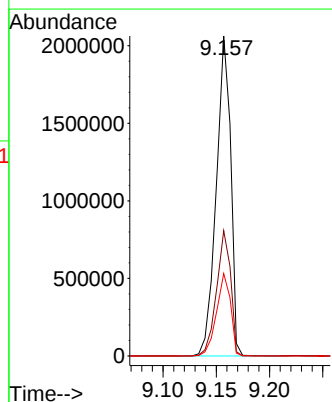
Tgt Ion:172 Resp: 1941726

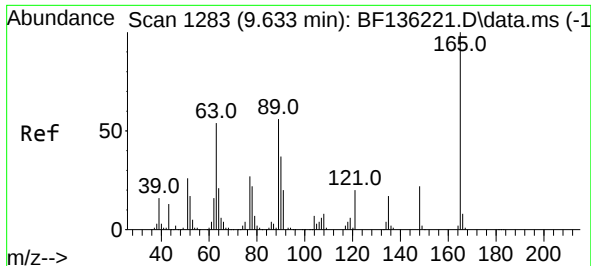
Ion Ratio Lower Upper

172 100

171 39.2 31.5 47.3

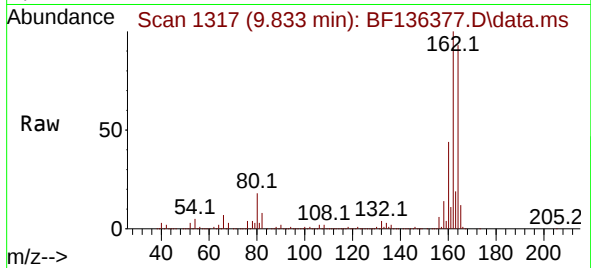
170 25.8 20.8 31.2



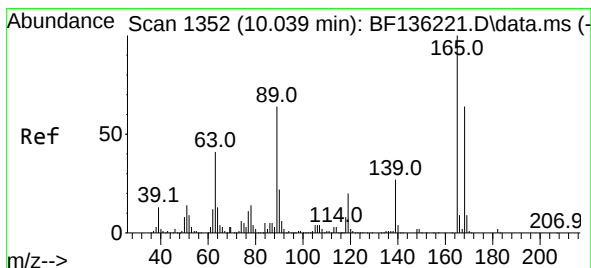
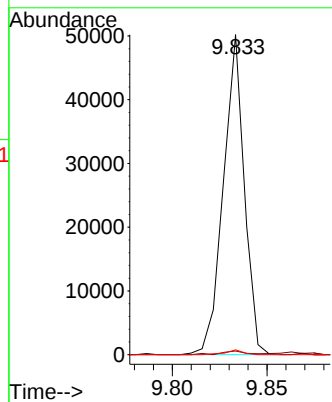
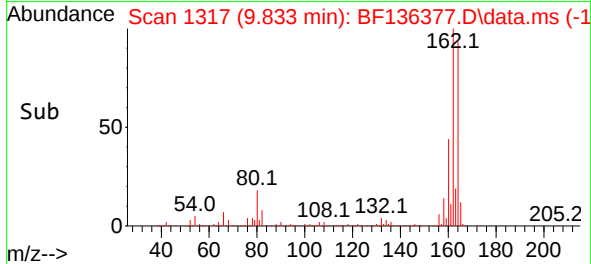


#51
2,6-Dinitrotoluene
Concen: 8.444 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39

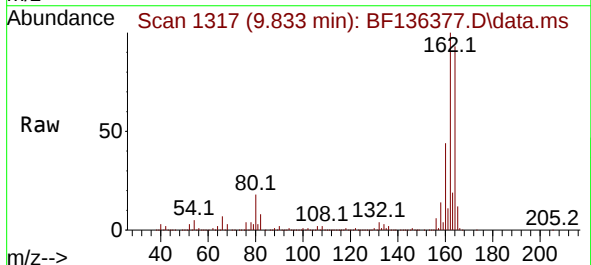
Instrument :
BNA_F
ClientSampleId :



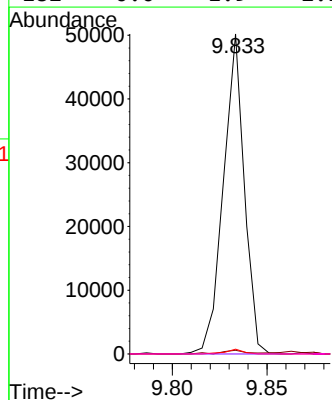
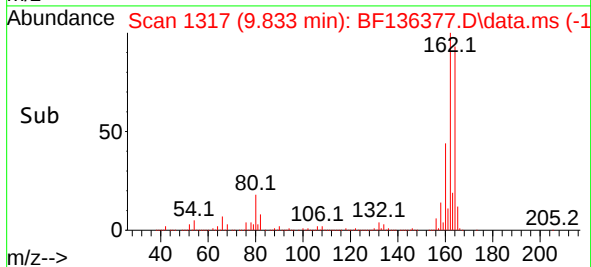
Tgt Ion:165 Resp: 38647
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 1.5 44.9 67.3#

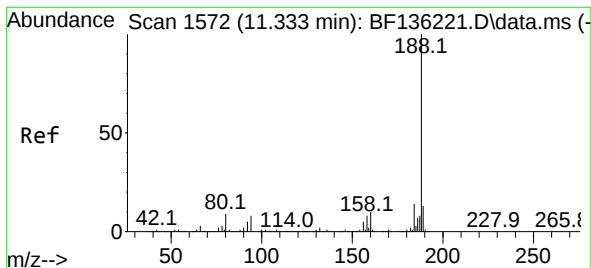


#57
2,4-Dinitrotoluene
Concen: 6.321 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF136377.D
Acq: 04 Dec 2023 12:39



Tgt Ion:165 Resp: 38647
Ion Ratio Lower Upper
165 100
63 1.2 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: 11.322 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

Instrument :

BNA_F

ClientSampleId :

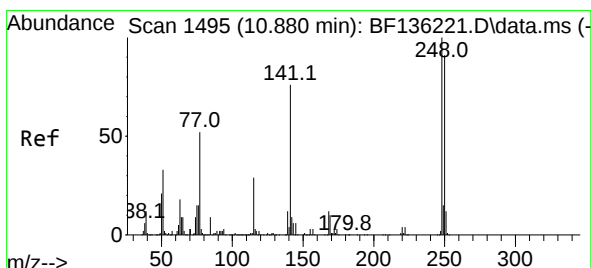
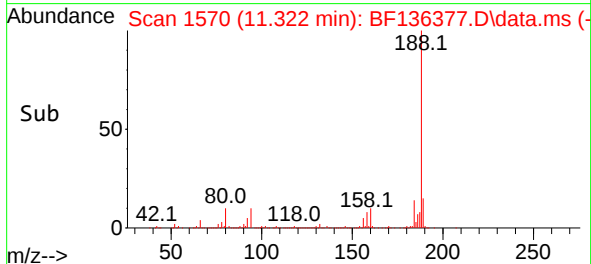
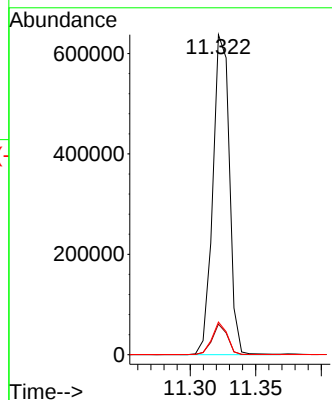
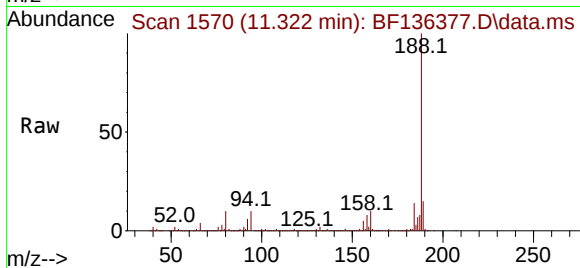
Tgt Ion:188 Resp: 559765

Ion Ratio Lower Upper

188 100

94 9.6 6.7 10.1

80 10.2 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.559 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.253 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

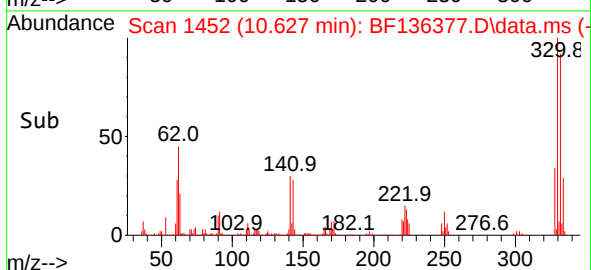
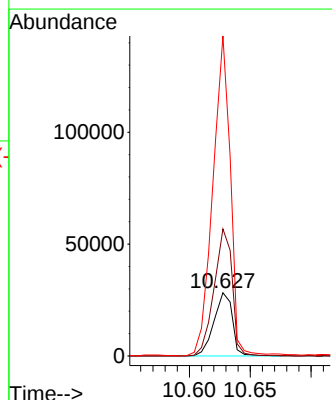
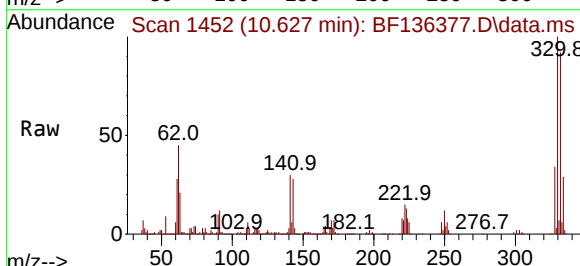
Tgt Ion:248 Resp: 29770

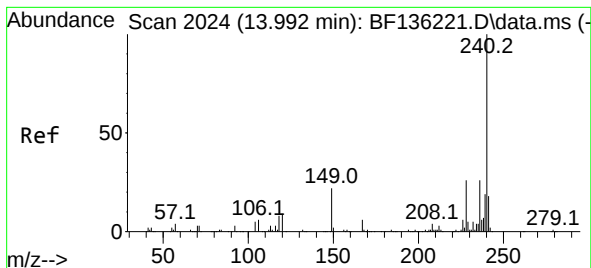
Ion Ratio Lower Upper

248 100

250 200.9 72.5 108.7#

141 506.2 60.8 91.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

Instrument :

BNA_F

ClientSampleId :

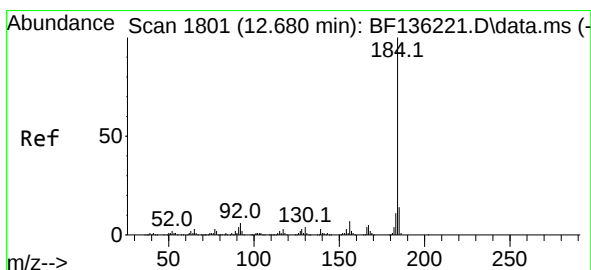
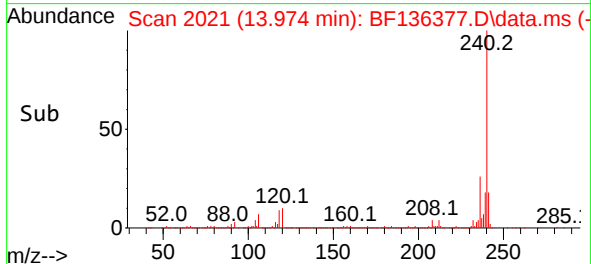
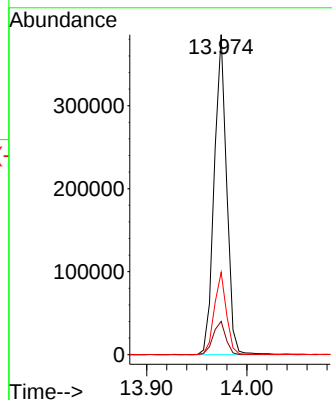
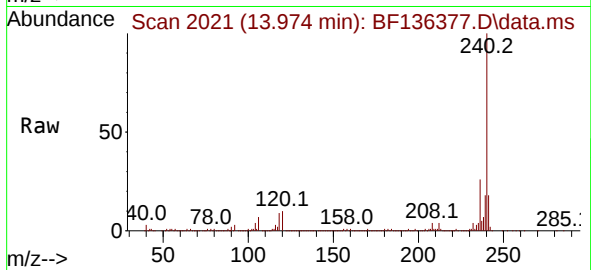
Tgt Ion:240 Resp: 331910

Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.2

236 25.8 21.1 31.7



#77

Benzidine

Concen: 4.717 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.247 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

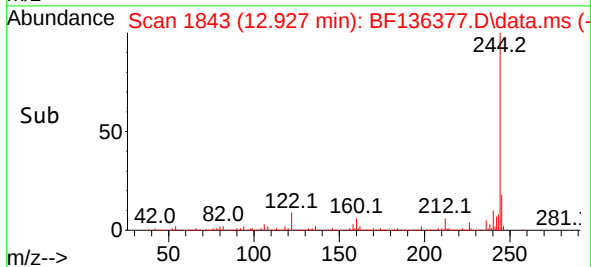
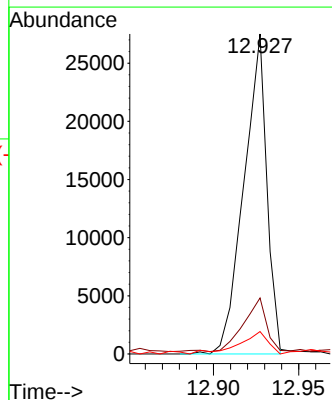
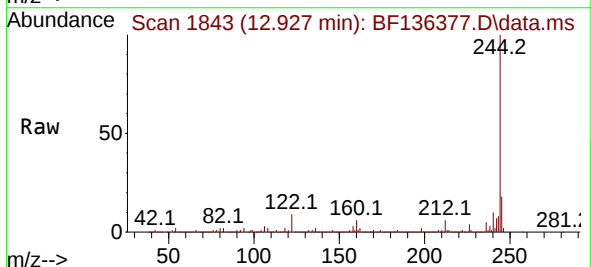
Tgt Ion:184 Resp: 25737

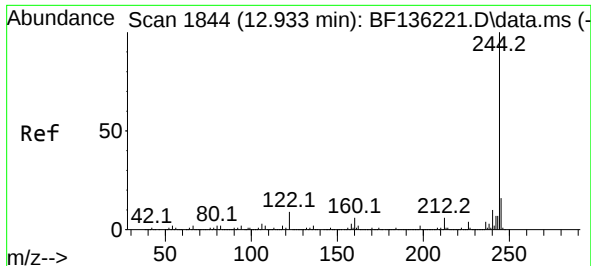
Ion Ratio Lower Upper

184 100

185 17.5 11.0 16.6#

183 7.0 9.0 13.4#

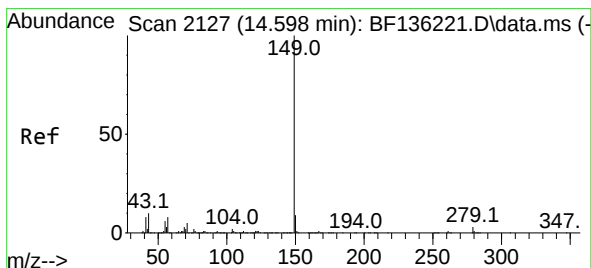
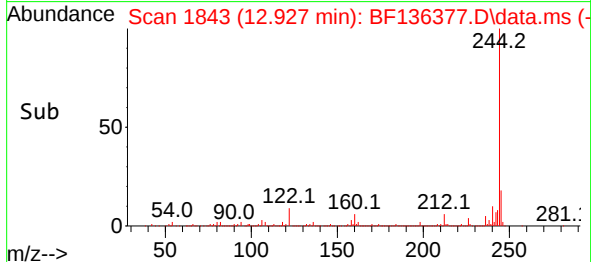
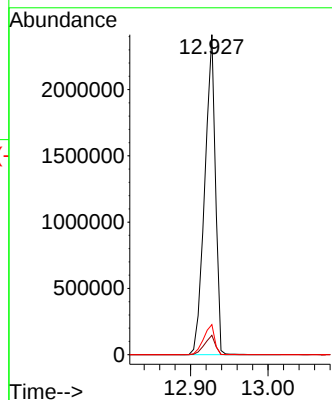
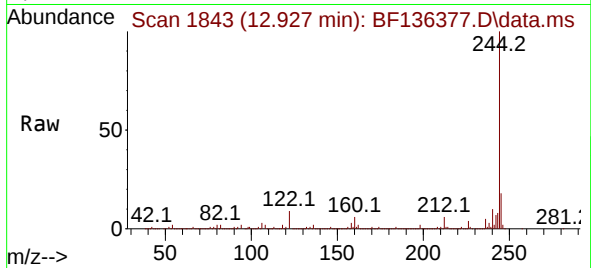




#79
 Terphenyl-d14
 Concen: 80.081 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136377.D
 Acq: 04 Dec 2023 12:39

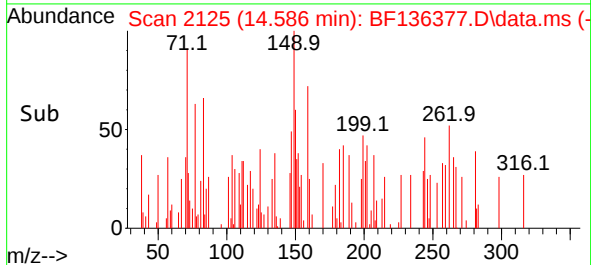
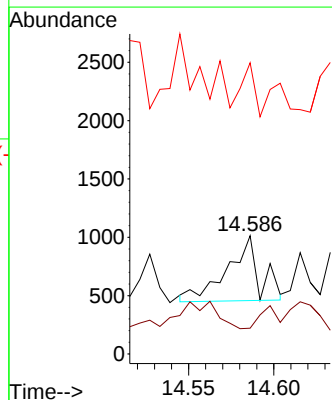
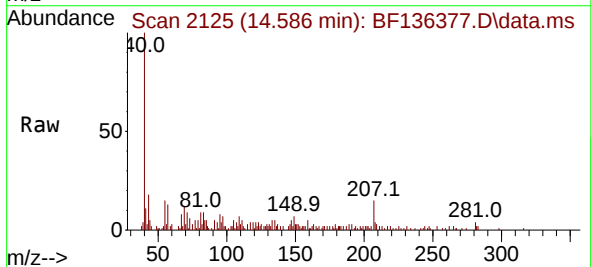
Instrument :
 BNA_F
 ClientSampleId :

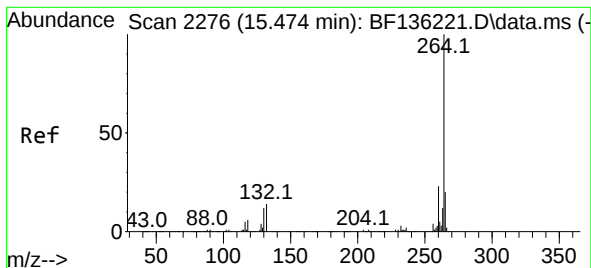
Tgt Ion:244 Resp: 2304285
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.4 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.192 ng
 RT: 14.586 min Scan# 2125
 Delta R.T. -0.012 min
 Lab File: BF136377.D
 Acq: 04 Dec 2023 12:39

Tgt Ion:149 Resp: 731
 Ion Ratio Lower Upper
 149 100
 167 18.1 1.0 1.6#
 43 0.0 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

Instrument :

BNA_F

ClientSampleId :

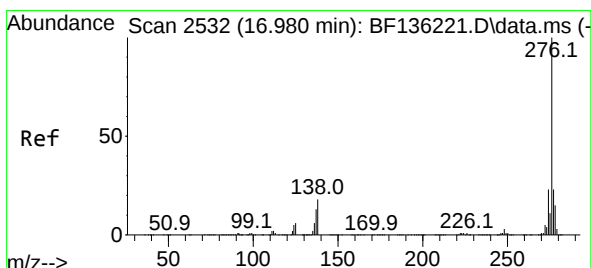
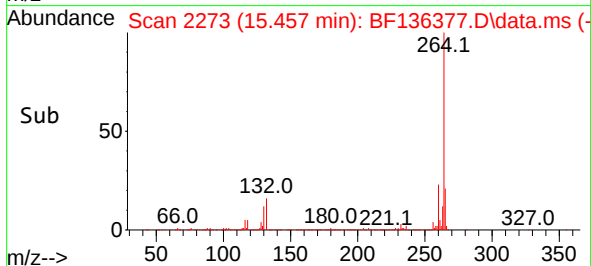
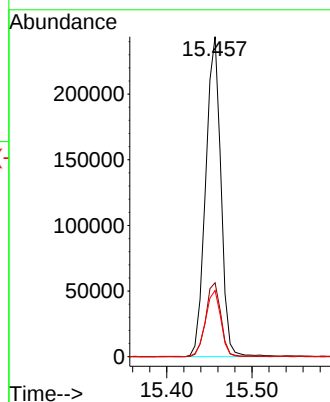
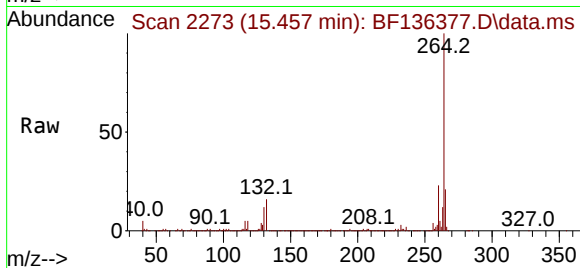
Tgt Ion:264 Resp: 302385

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.7 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.713 ng

RT: 16.951 min Scan# 2527

Delta R.T. -0.029 min

Lab File: BF136377.D

Acq: 04 Dec 2023 12:39

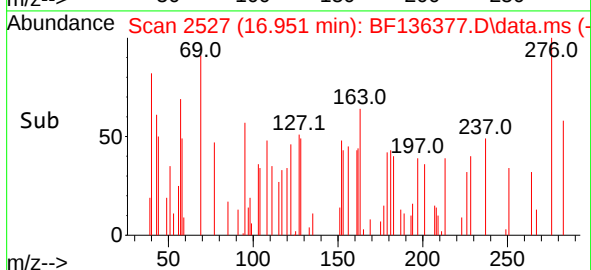
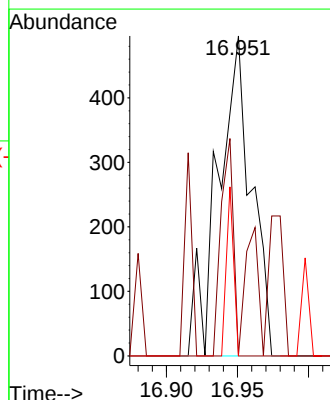
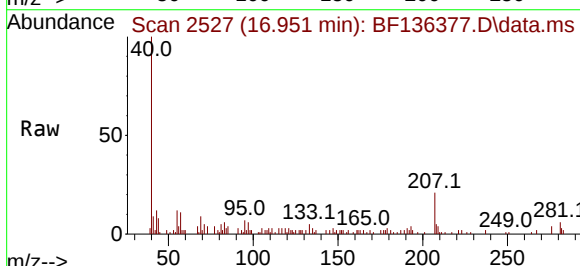
Tgt Ion:276 Resp: 809

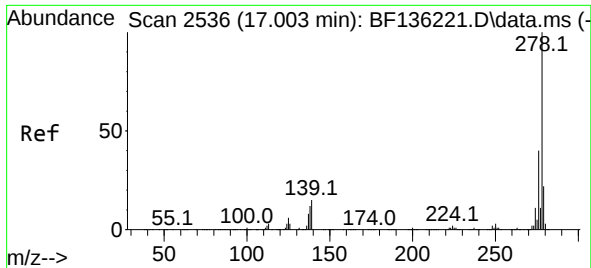
Ion Ratio Lower Upper

276 100

138 32.3 17.7 26.5#

277 11.4 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 2.724 ng
 RT: 16.962 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF136377.D
 Acq: 04 Dec 2023 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
278	100		
139	91.5	11.7	17.5#
279	0.0	17.8	26.8#

