

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136307.D
 Acq On : 30 Nov 2023 11:36
 Operator : CG\JU
 Sample : PB157351TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 12:01:03 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)

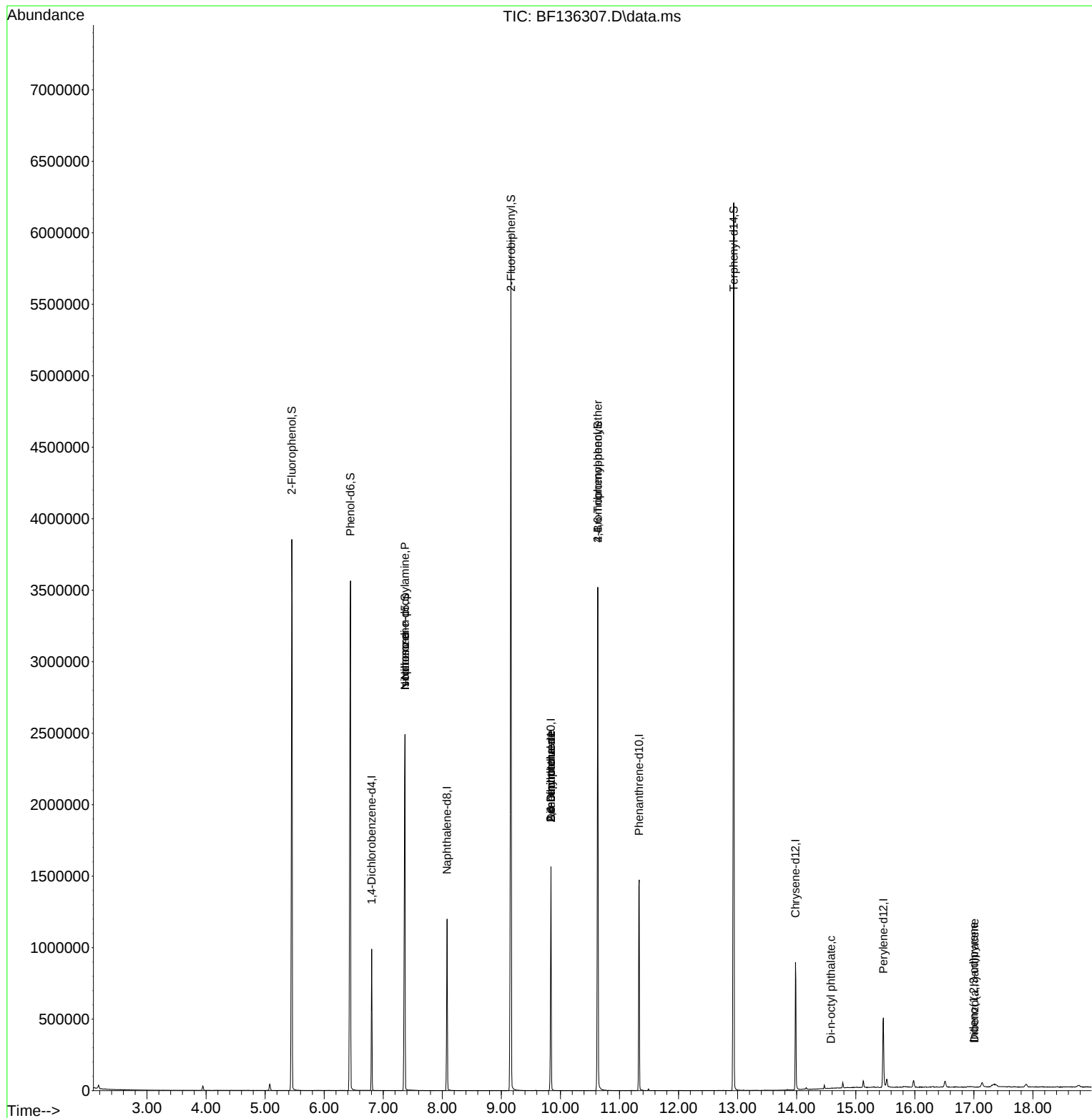
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	131176	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	557000	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293168	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	578335	20.000	ng	0.00
76) Chrysene-d12	13.980	240	314985	20.000	ng	-0.01
86) Perylene-d12	15.468	264	240082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1225466	130.029	ng	0.01
7) Phenol-d6	6.445	99	1503468	127.584	ng	0.00
23) Nitrobenzene-d5	7.369	82	940657	89.241	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	494849	138.063	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2004128	87.318	ng	0.00
79) Terphenyl-d14	12.933	244	2426940	88.876	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	124664	17.688	ng	# 73
25) Isophorone	7.369	82	938546	49.381	ng	# 68
50) Dimethylphthalate	9.839	163	61389	2.770	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	36403	8.042	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	36403	6.020	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	26665	3.952	ng	# 1
85) Di-n-octyl phthalate	14.580	149	134	5.168	ng	# 60
87) Indeno(1,2,3-cd)pyrene	16.998	276	129	2.686	ng	# 51
91) Dibenzo(a,h)anthracene	17.009	278	449	2.743	ng	# 58

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

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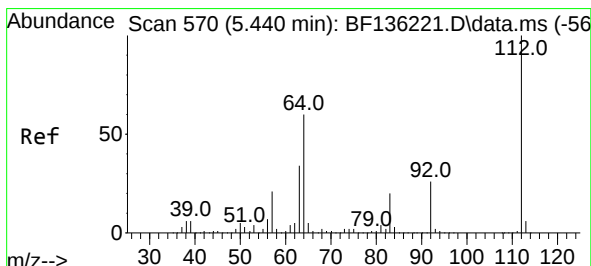
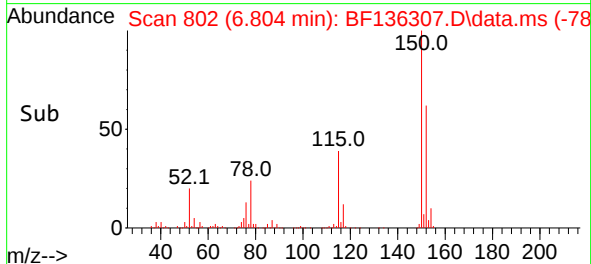
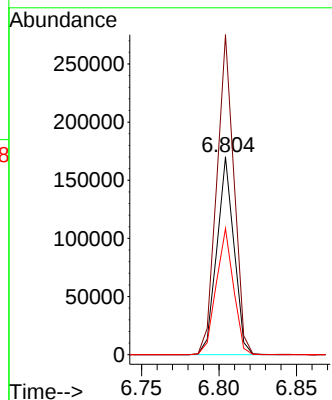
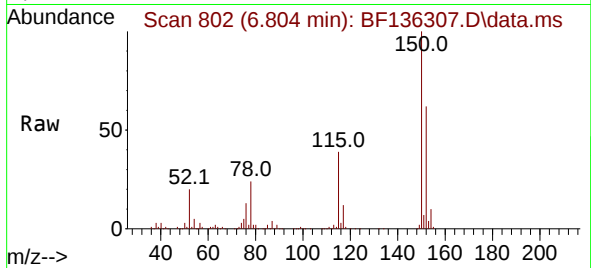




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

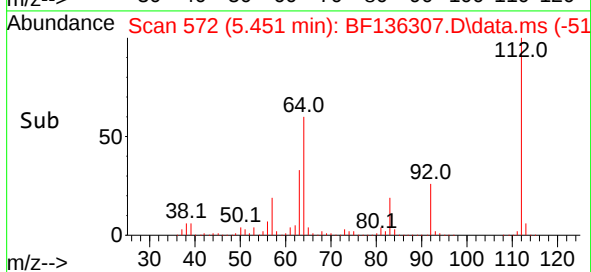
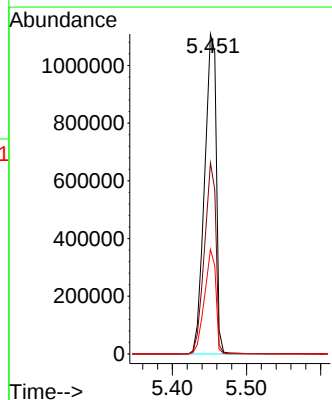
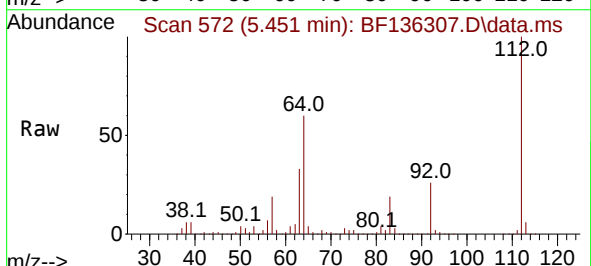
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 131176
Ion Ratio Lower Upper
152 100
150 161.7 137.8 206.8
115 63.7 52.7 79.1



#5
2-Fluorophenol
Concen: 130.029 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

Tgt Ion:112 Resp: 1225466
Ion Ratio Lower Upper
112 100
64 59.7 48.2 72.4
63 32.7 27.0 40.6

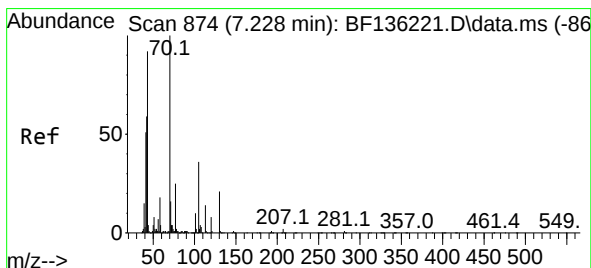
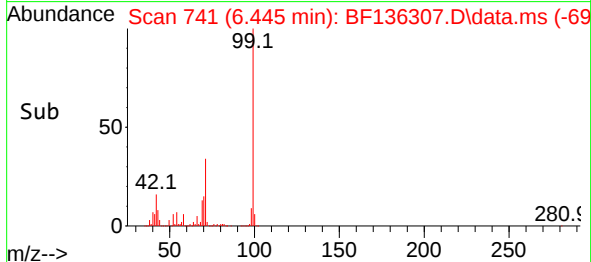
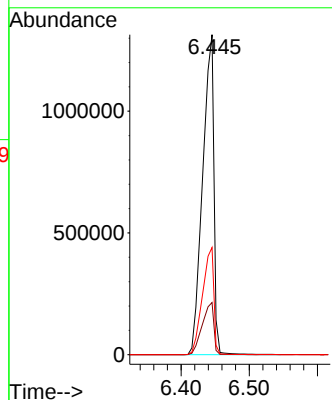
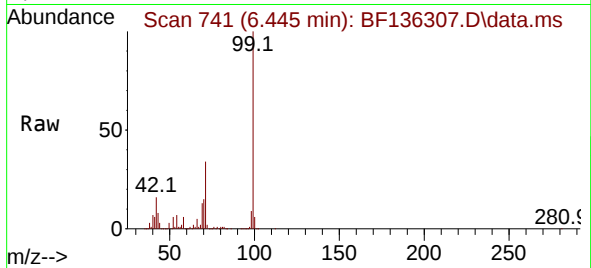




#7
Phenol-d6
Concen: 127.584 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

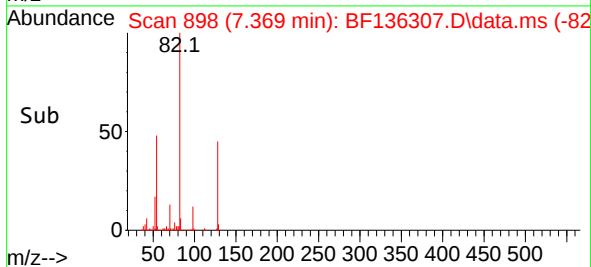
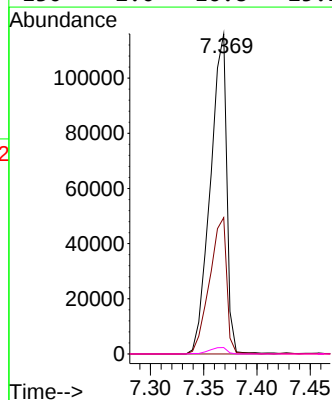
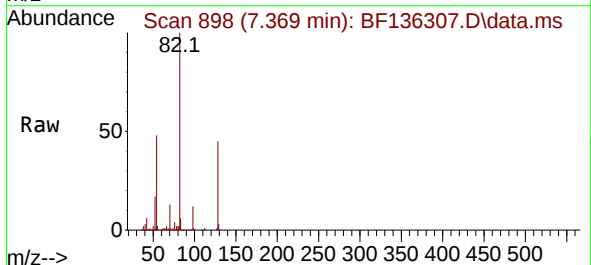
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1503468
Ion Ratio Lower Upper
99 100
42 16.3 15.0 22.6
71 33.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.688 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

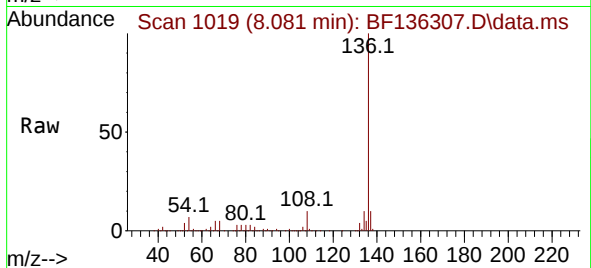
Tgt Ion: 70 Resp: 124664
Ion Ratio Lower Upper
70 100
42 42.6 47.0 70.4#
101 0.0 7.8 11.8#
130 2.0 16.8 25.2#



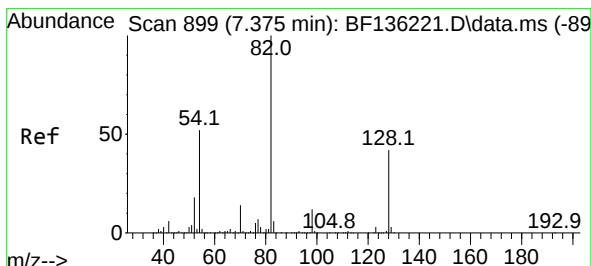
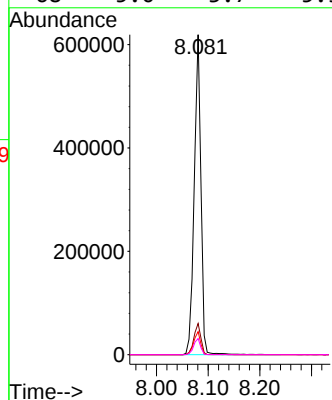
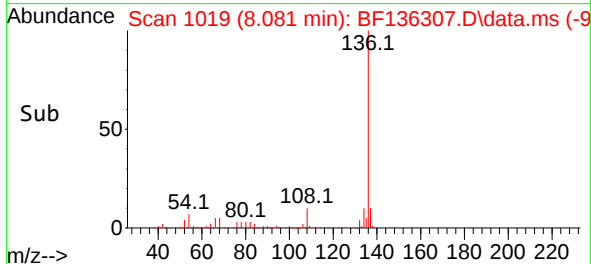


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

Instrument :
BNA_F
ClientSampleId :

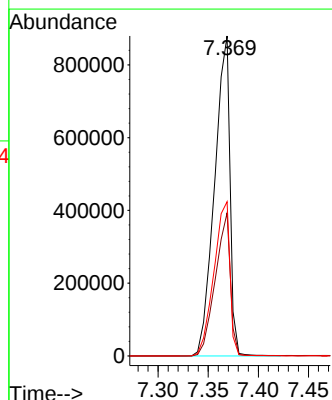
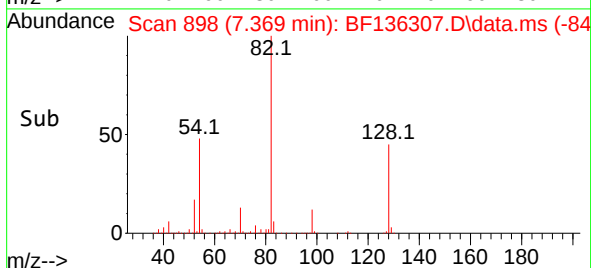
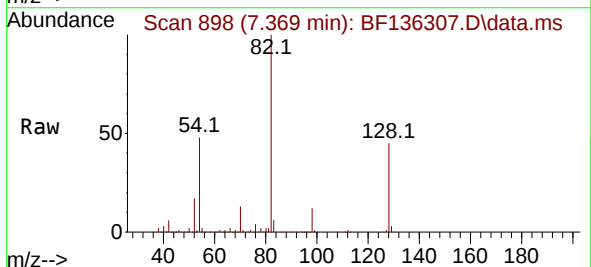


Tgt Ion:136 Resp: 557000
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 7.2 5.5 8.3
68 5.0 3.7 5.5



#23
Nitrobenzene-d5
Concen: 89.241 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

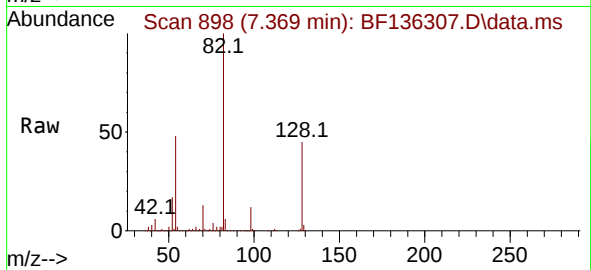
Tgt Ion: 82 Resp: 940657
Ion Ratio Lower Upper
82 100
128 44.7 33.4 50.2
54 48.2 41.7 62.5



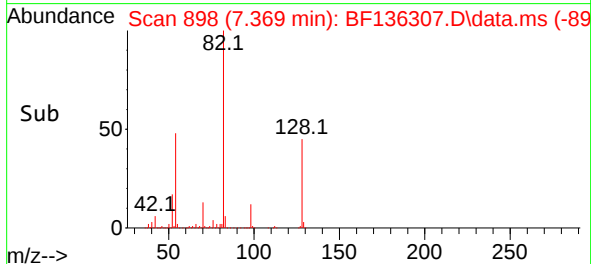
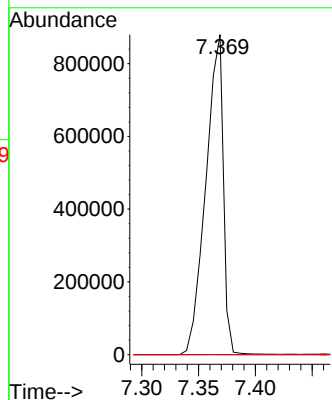


#25
Isophorone
Concen: 49.381 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

Instrument :
BNA_F
ClientSampleId :

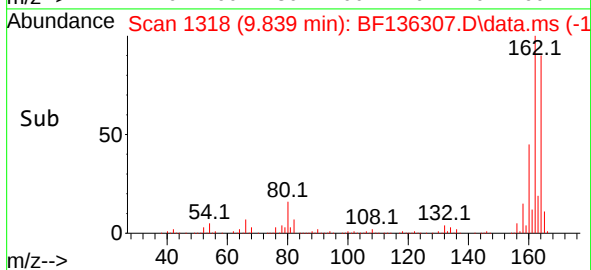
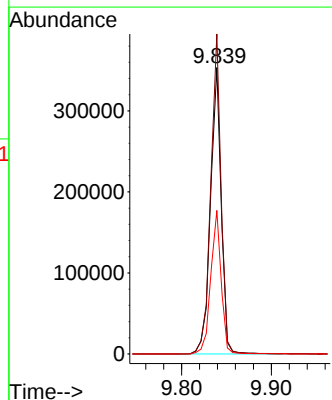
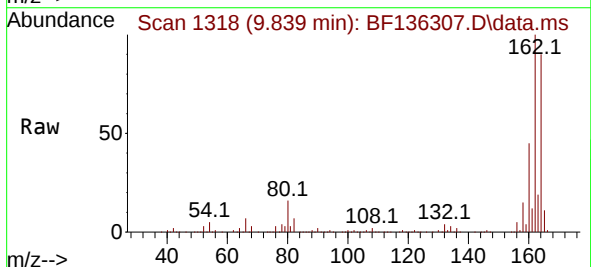


Tgt Ion: 82 Resp: 938546
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

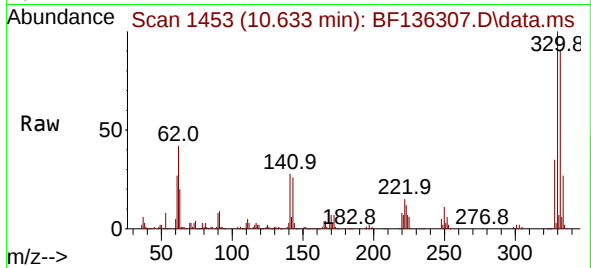
Tgt Ion:164 Resp: 293168
Ion Ratio Lower Upper
164 100
162 111.7 89.5 134.3
160 50.1 39.6 59.4



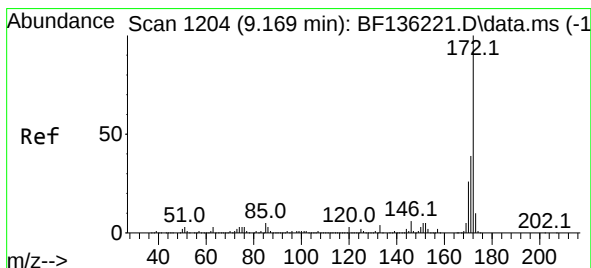
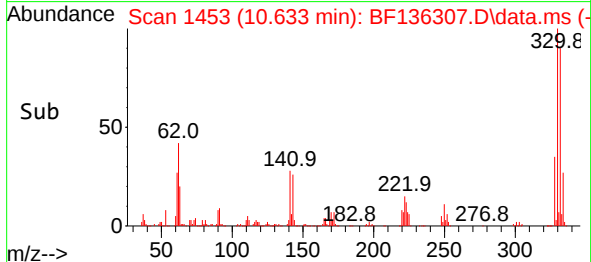
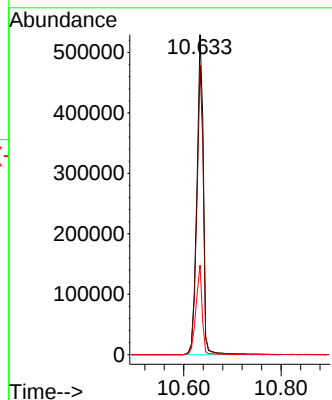


#42
2,4,6-Tribromophenol
Concen: 138.063 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

Instrument :
BNA_F
ClientSampleId :

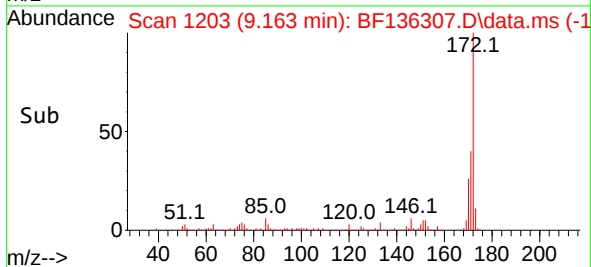
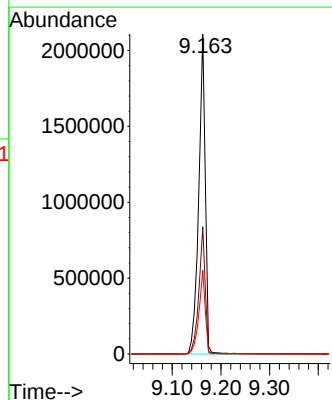
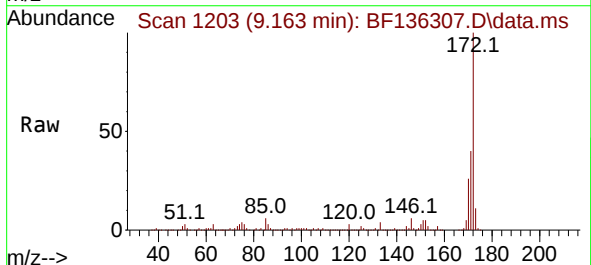


Tgt Ion:330 Resp: 494849
Ion Ratio Lower Upper
330 100
332 91.1 73.0 109.6
141 26.9 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 87.318 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

Tgt Ion:172 Resp: 2004128
Ion Ratio Lower Upper
172 100
171 39.7 31.5 47.3
170 26.1 20.8 31.2

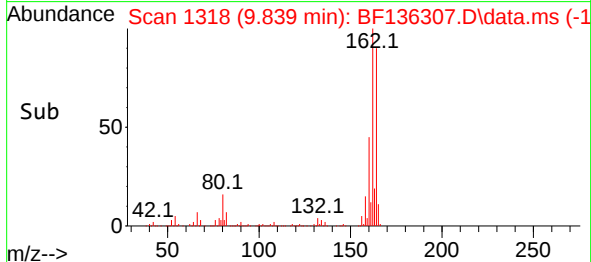
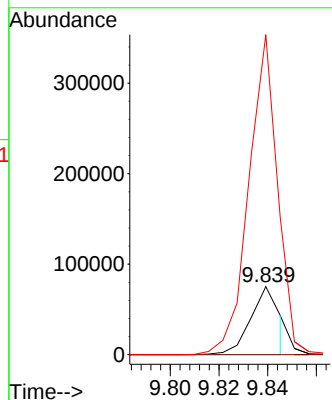
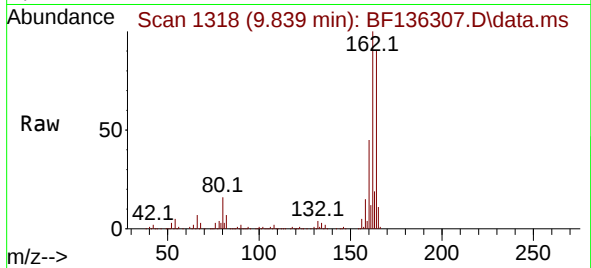




#50
Dimethylphthalate
Concen: 2.770 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

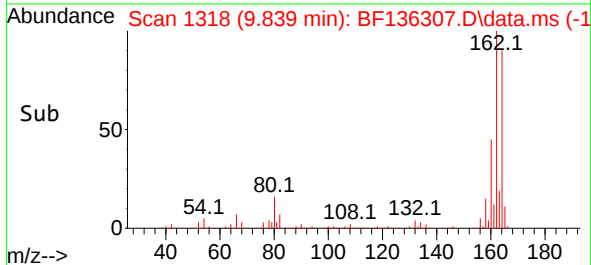
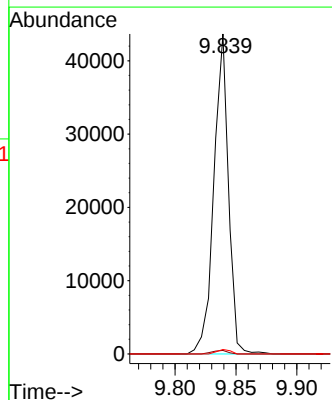
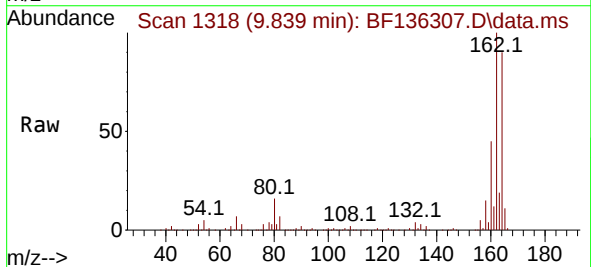
Instrument :
BNA_F
ClientSampleId :

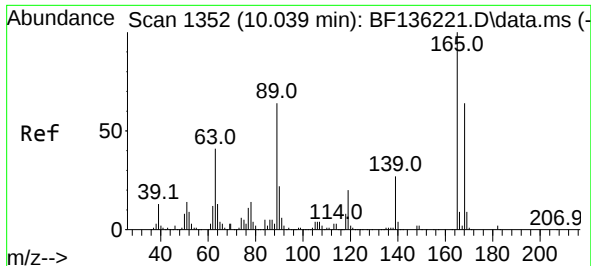
Tgt Ion:163 Resp: 61389
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 470.2 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.042 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

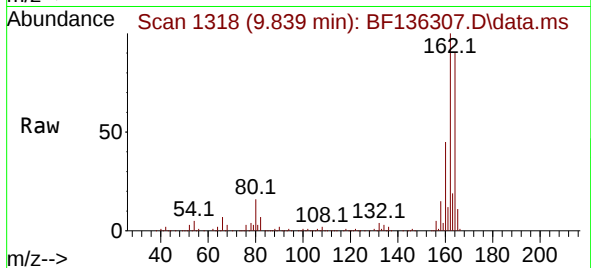
Tgt Ion:165 Resp: 36403
Ion Ratio Lower Upper
165 100
63 1.1 46.2 69.2#
89 1.4 44.9 67.3#



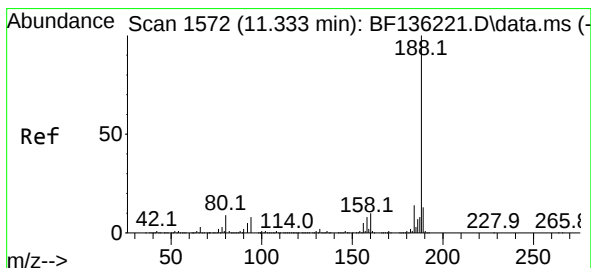
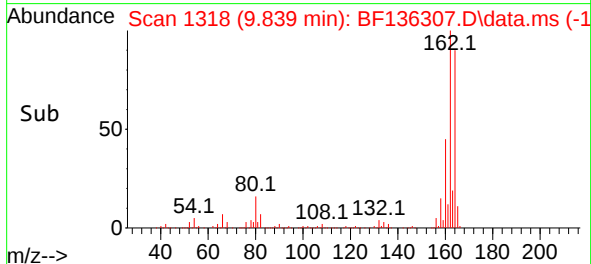
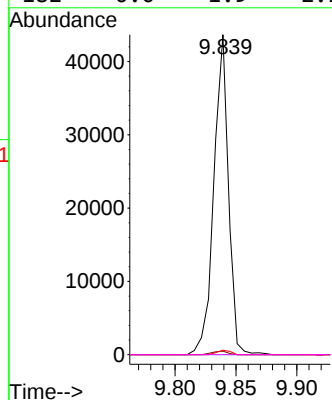


#57
2,4-Dinitrotoluene
Concen: 6.020 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

Instrument :
BNA_F
ClientSampleId :

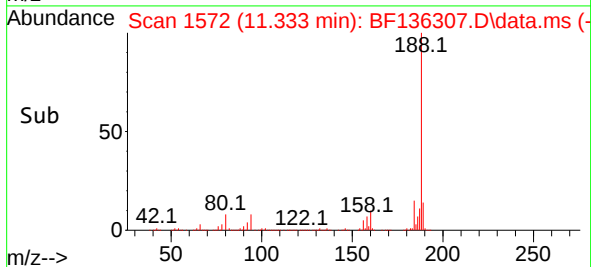
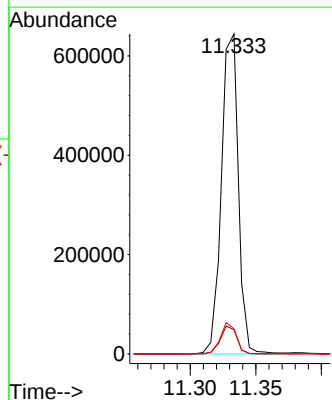
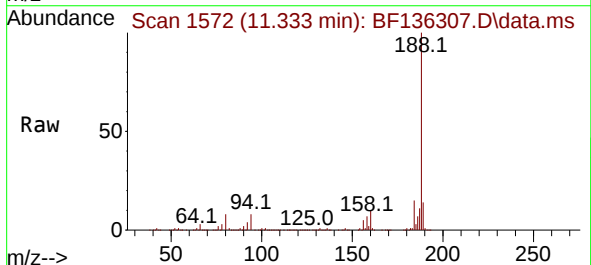


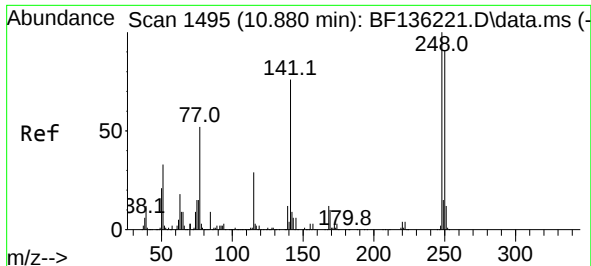
Tgt Ion:165 Resp: 36403
Ion Ratio Lower Upper
165 100
63 1.1 33.0 49.4#
89 1.4 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

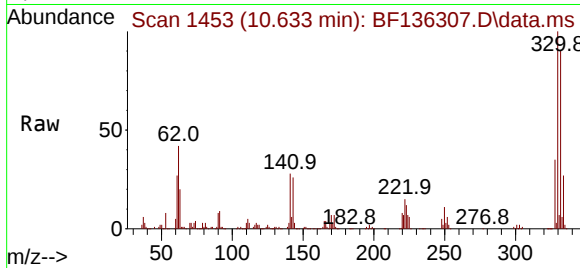
Tgt Ion:188 Resp: 578335
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 7.9 7.2 10.8



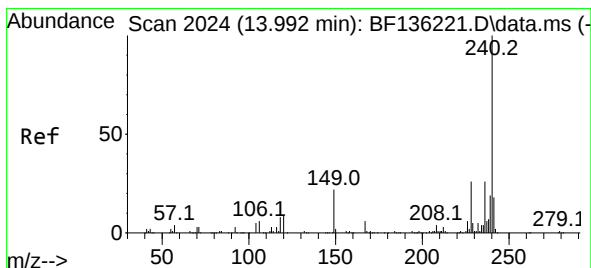
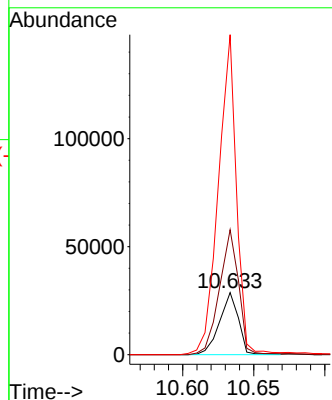
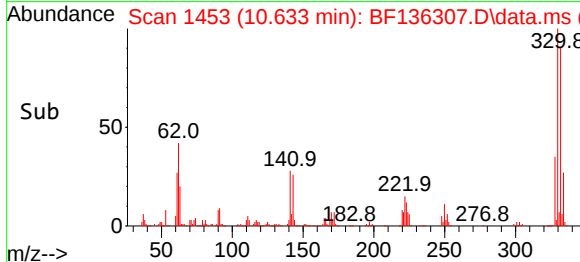


#67
4-Bromophenyl-phenylether
Concen: 3.952 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36

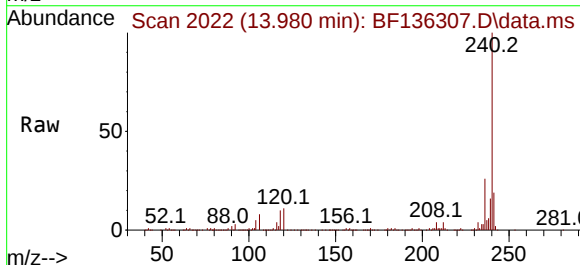
Instrument :
BNA_F
ClientSampleId :



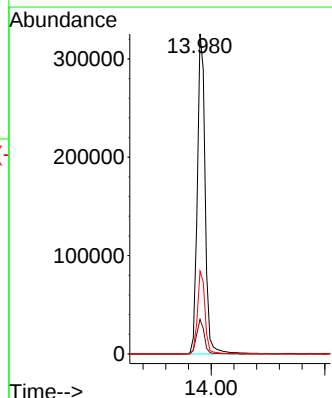
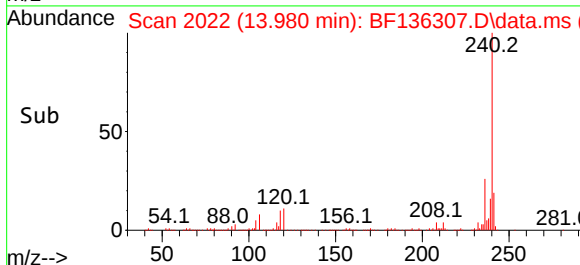
Tgt Ion:248 Resp: 26665
Ion Ratio Lower Upper
248 100
250 201.4 72.5 108.7#
141 515.8 60.8 91.2#

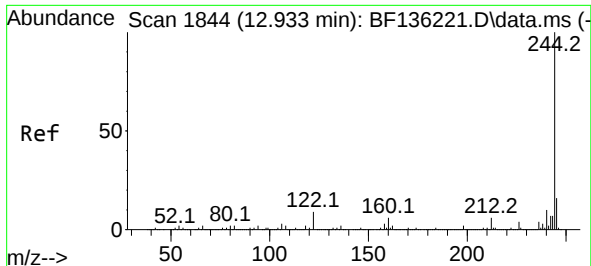


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136307.D
Acq: 30 Nov 2023 11:36



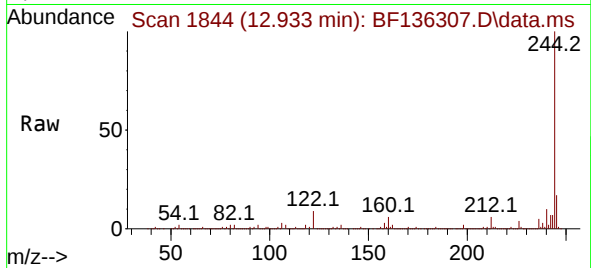
Tgt Ion:240 Resp: 314985
Ion Ratio Lower Upper
240 100
120 10.8 7.4 11.2
236 25.9 21.1 31.7



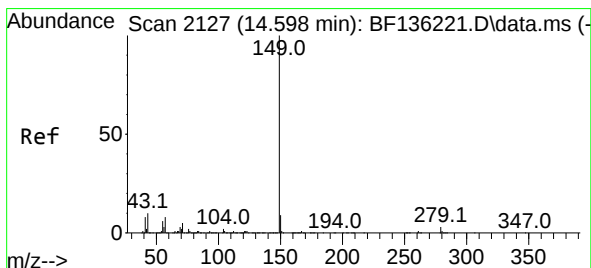
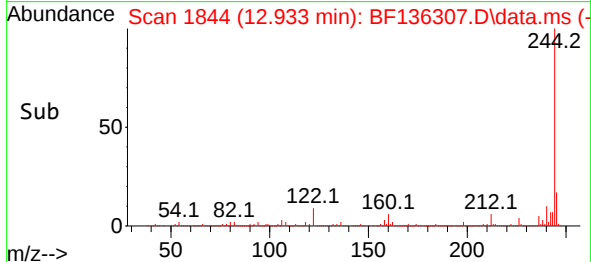
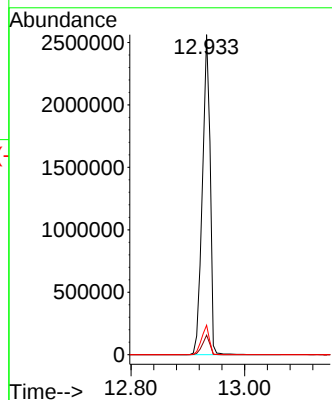


#79
 Terphenyl-d14
 Concen: 88.876 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136307.D
 Acq: 30 Nov 2023 11:36

Instrument :
 BNA_F
 ClientSampleId :

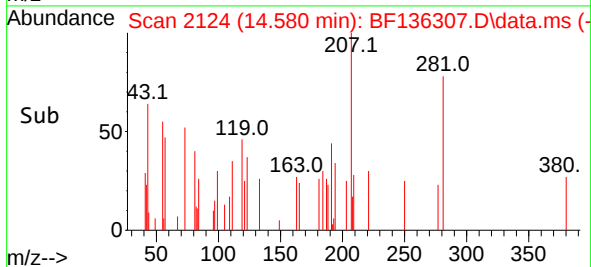
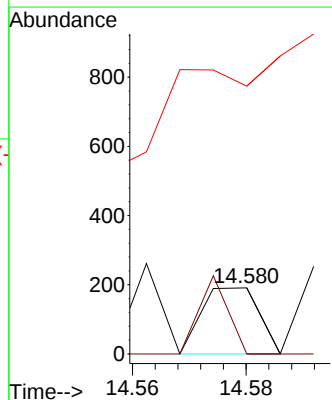
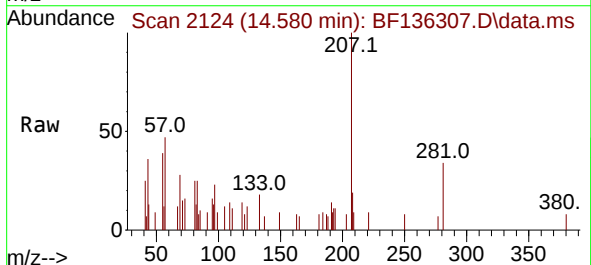


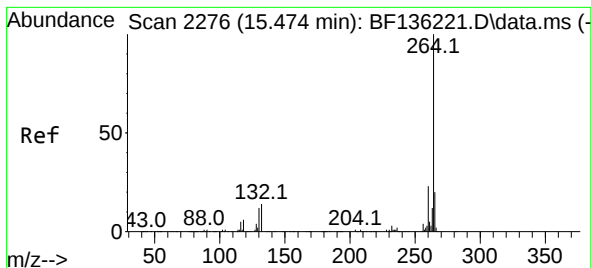
Tgt Ion:244 Resp: 2426940
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.6 7.0
 122 9.2 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.168 ng
 RT: 14.580 min Scan# 2124
 Delta R.T. -0.018 min
 Lab File: BF136307.D
 Acq: 30 Nov 2023 11:36

Tgt Ion:149 Resp: 134
 Ion Ratio Lower Upper
 149 100
 167 59.7 1.0 1.6#
 43 0.0 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136307.D

Acq: 30 Nov 2023 11:36

Instrument :

BNA_F

ClientSampleId :

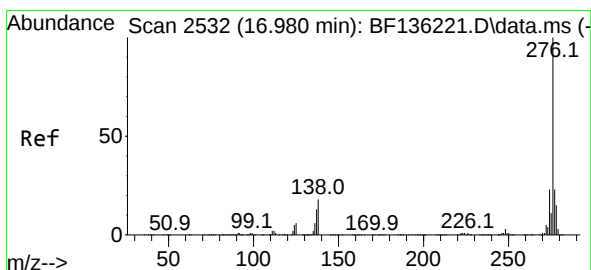
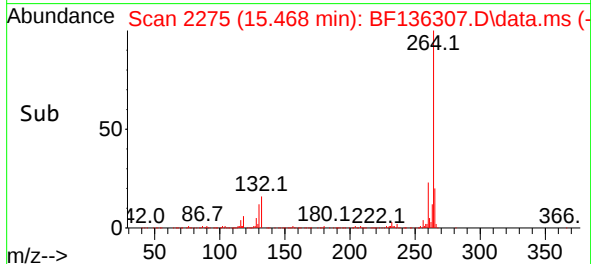
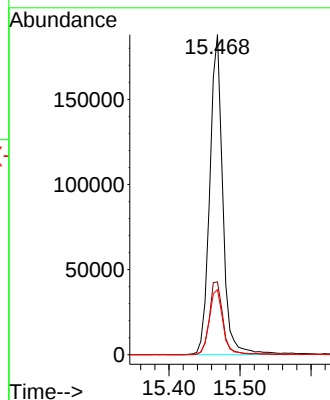
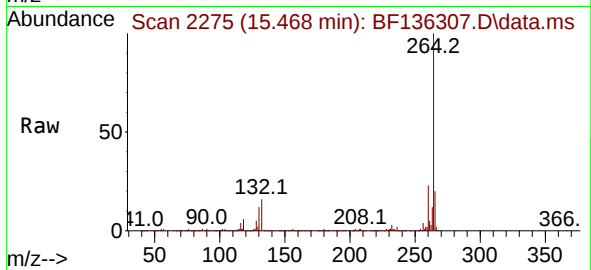
Tgt Ion:264 Resp: 240082

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 20.3 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.686 ng

RT: 16.998 min Scan# 2535

Delta R.T. 0.018 min

Lab File: BF136307.D

Acq: 30 Nov 2023 11:36

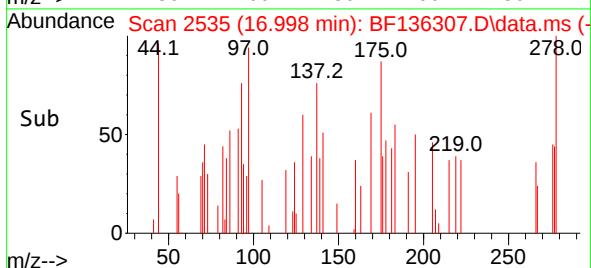
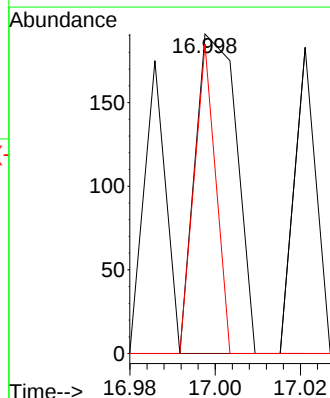
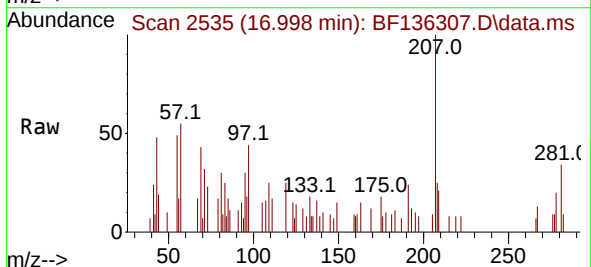
Tgt Ion:276 Resp: 129

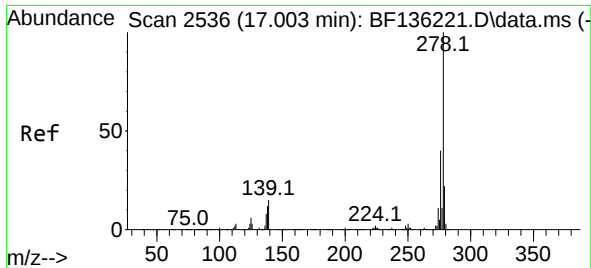
Ion Ratio Lower Upper

276 100

138 0.0 17.7 26.5#

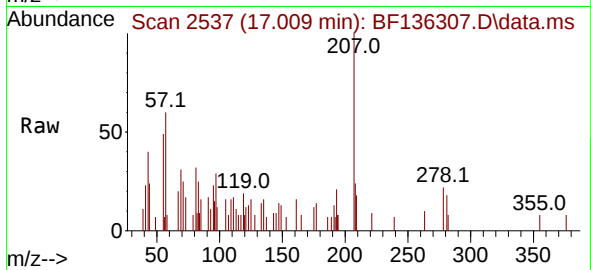
277 50.4 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 2.743 ng
 RT: 17.009 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF136307.D
 Acq: 30 Nov 2023 11:36

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	278	Resp:	449
Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	0.0	17.8	26.8#

