

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136226.D
 Acq On : 27 Nov 2023 17:09
 Operator : CG\JU
 Sample : PB157249TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157249TB

Quant Time: Nov 28 04:08:45 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)

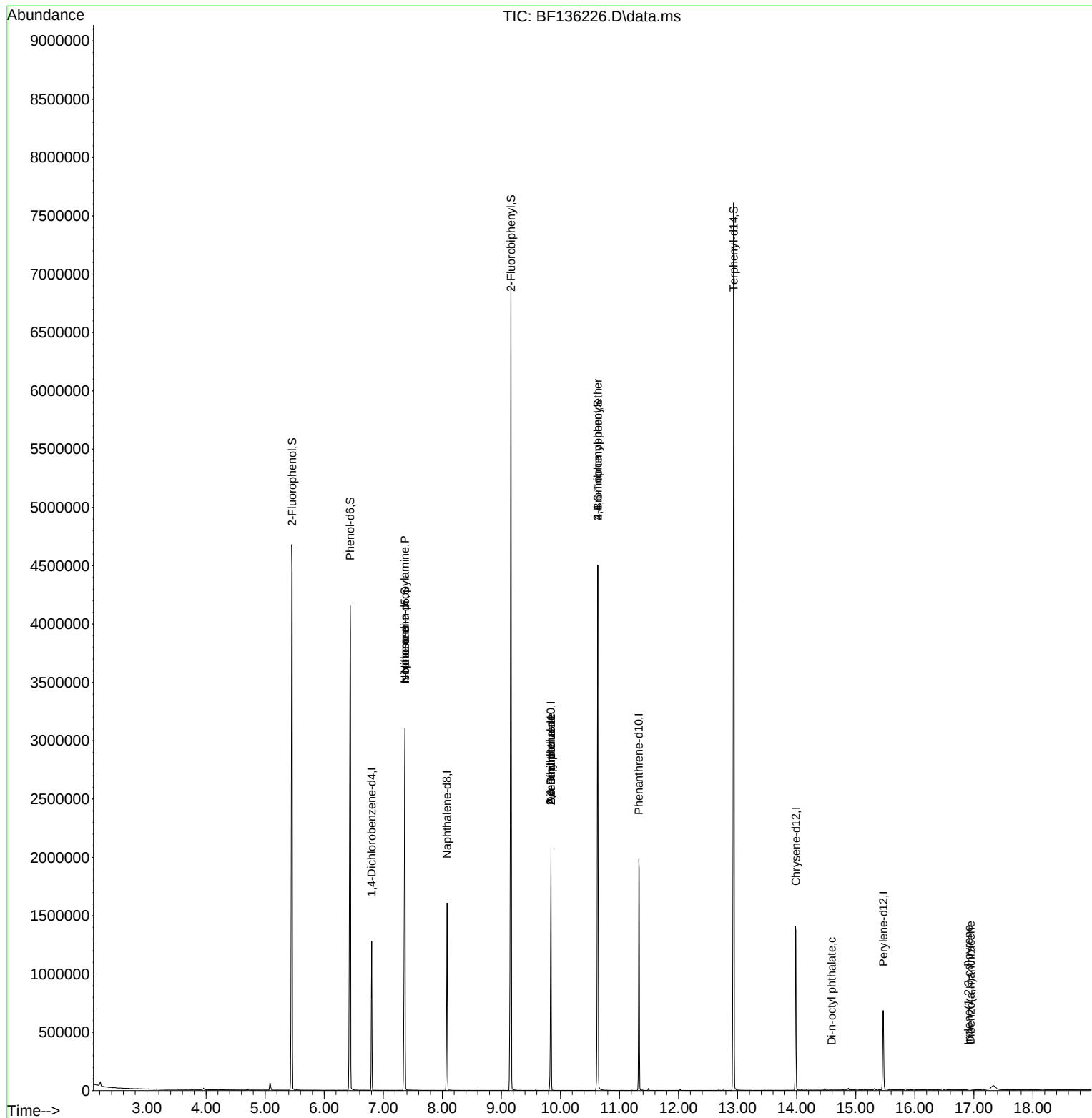
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	161696	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	711709	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	383066	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	778194	20.000	ng	0.00
76) Chrysene-d12	13.986	240	490539	20.000	ng	0.00
86) Perylene-d12	15.468	264	333330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1486505	127.956	ng	0.02
7) Phenol-d6	6.439	99	1837958	126.529	ng	0.00
23) Nitrobenzene-d5	7.369	82	1158848	86.043	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	618915	132.154	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2448066	81.629	ng	0.00
79) Terphenyl-d14	12.933	244	3191571	75.049	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	154588	17.794	ng	# 75
25) Isophorone	7.369	82	1155112	47.564	ng	# 68
50) Dimethylphthalate	9.839	163	80769	2.790	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	46982	7.943	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	46982	5.946	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	35109	3.867	ng	# 1
85) Di-n-octyl phthalate	14.592	149	926	5.188	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.909	276	3364	2.807	ng	# 75
91) Dibenzo(a,h)anthracene	16.945	278	5411	2.969	ng	96

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

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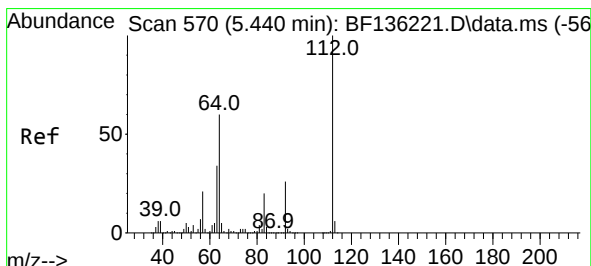
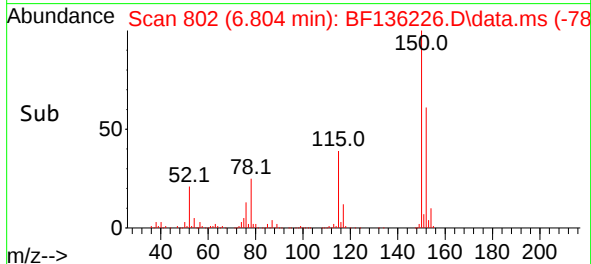
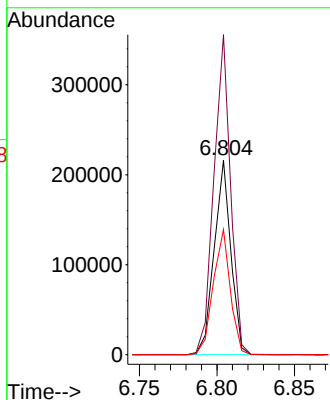
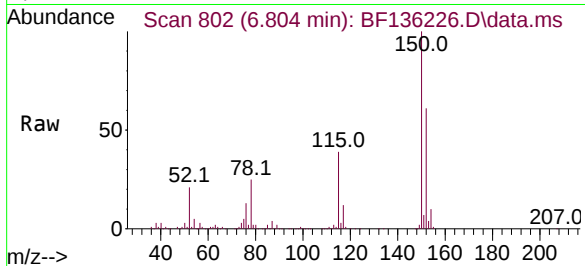




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

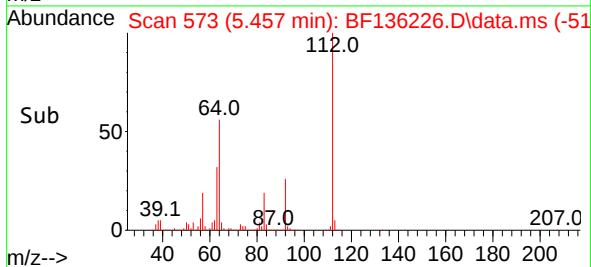
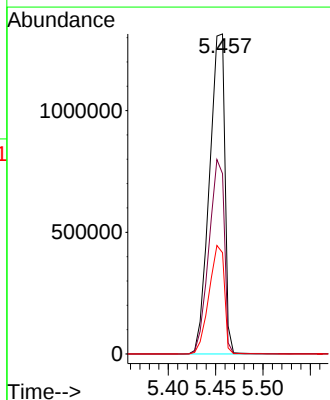
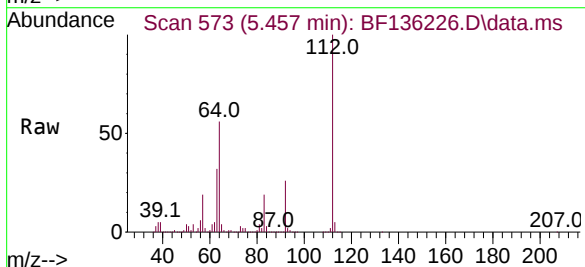
Instrument :
BNA_F
ClientSampleId :
PB157249TB

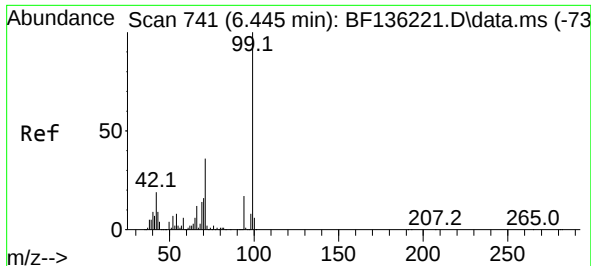
Tgt Ion:152 Resp: 161696
Ion Ratio Lower Upper
152 100
150 164.5 137.8 206.8
115 64.3 52.7 79.1



#5
2-Fluorophenol
Concen: 127.956 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion:112 Resp: 1486505
Ion Ratio Lower Upper
112 100
64 56.3 48.2 72.4
63 31.7 27.0 40.6

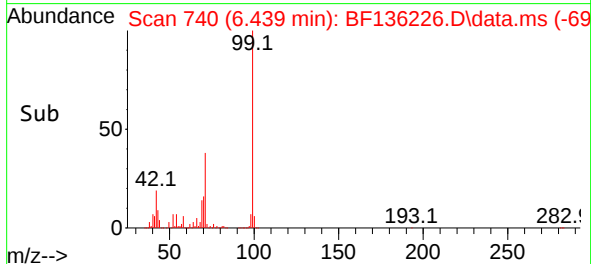
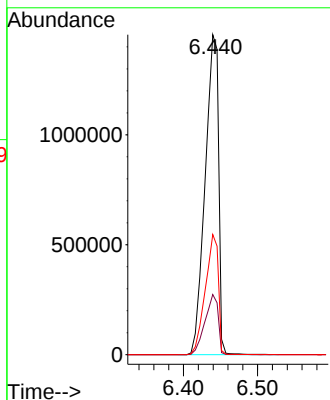
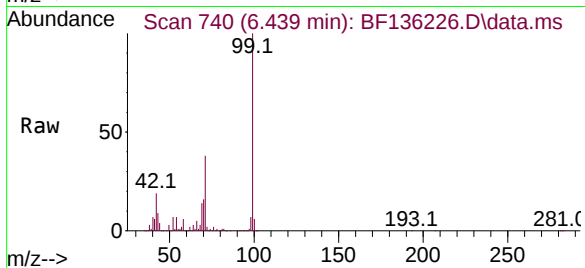




#7
Phenol-d6
Concen: 126.529 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

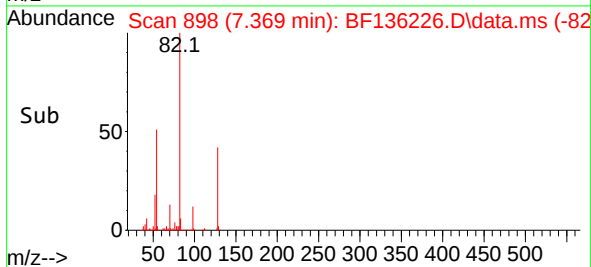
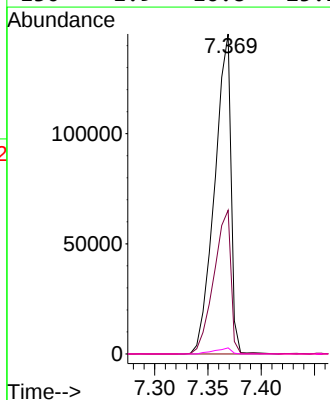
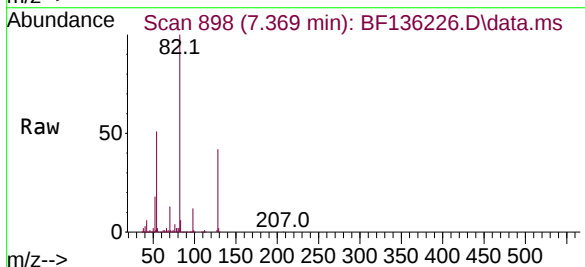
Instrument :
BNA_F
ClientSampleId :
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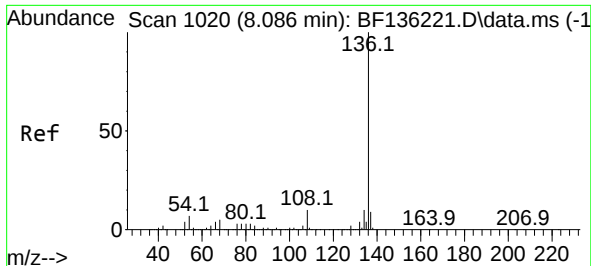
Tgt Ion: 99 Resp: 1837958
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.6
71 37.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.794 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion: 70 Resp: 154588
Ion Ratio Lower Upper
70 100
42 44.9 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#

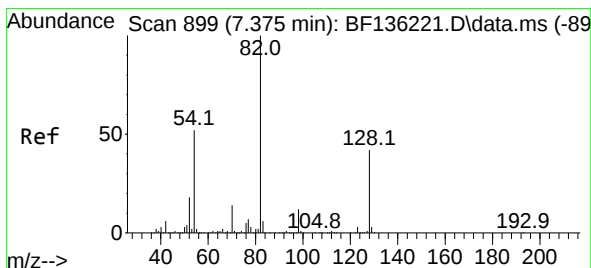
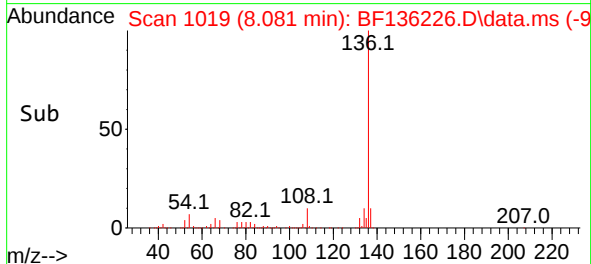
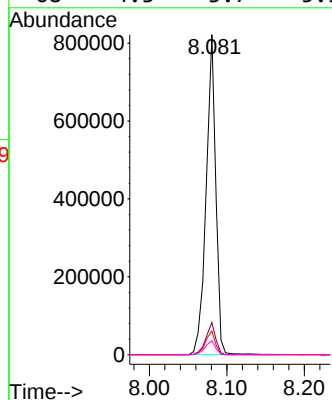
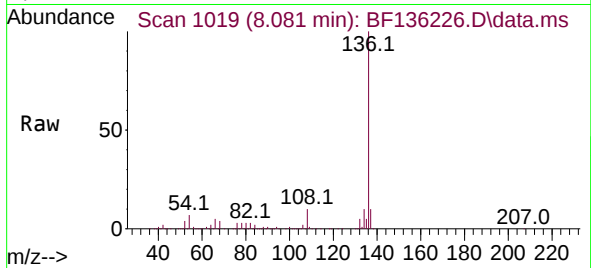




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

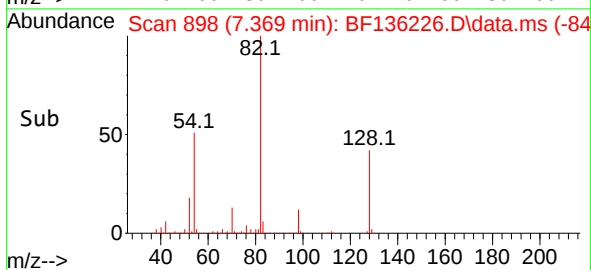
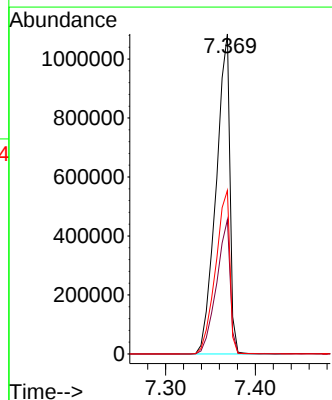
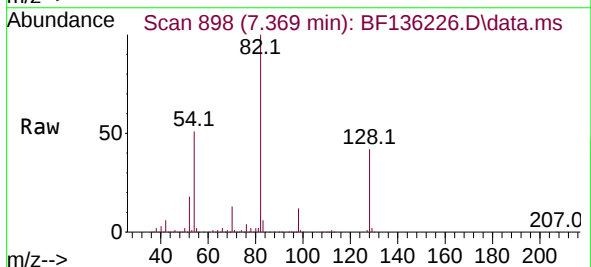
Instrument :
BNA_F
ClientSampleId :
PB157249TB

Tgt Ion:136 Resp: 711709
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 7.4 5.5 8.3
68 4.3 3.7 5.5



#23
Nitrobenzene-d5
Concen: 86.043 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion: 82 Resp: 1158848
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.2
54 51.1 41.7 62.5

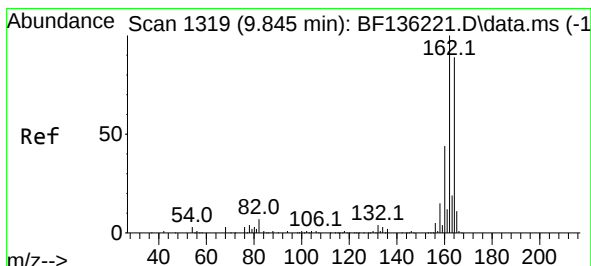
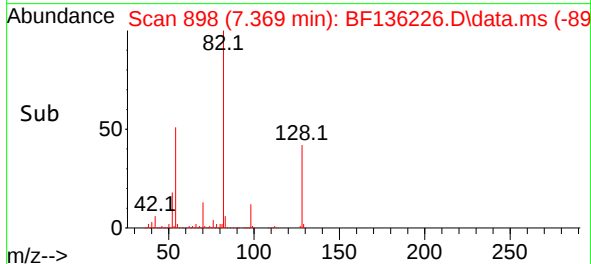
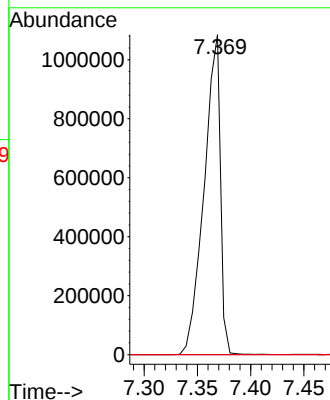
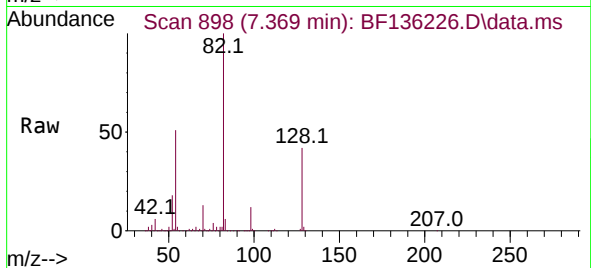




#25
Isophorone
Concen: 47.564 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

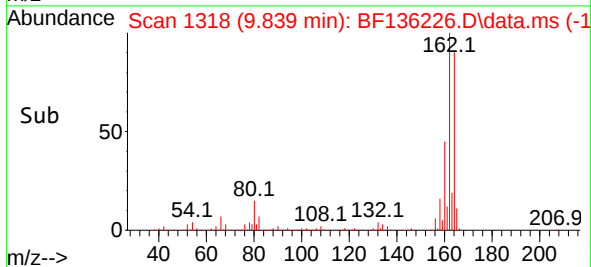
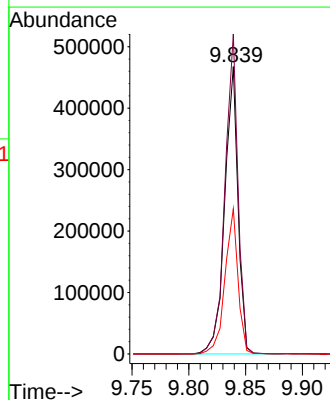
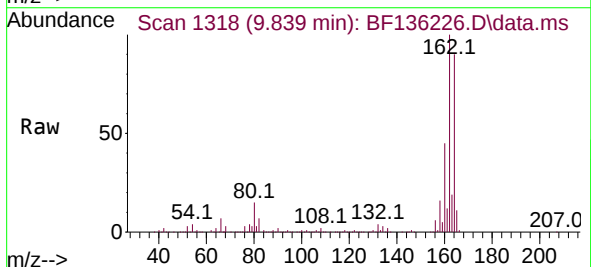
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ClientSampleId :
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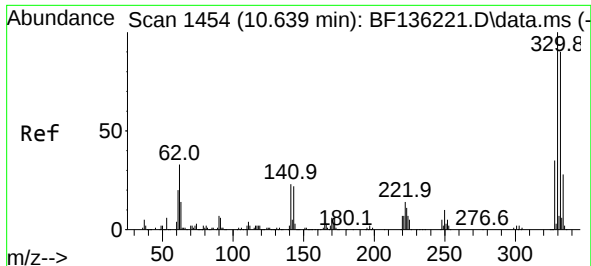
Tgt Ion: 82 Resp: 1155112
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion:164 Resp: 383066
Ion Ratio Lower Upper
164 100
162 111.3 89.5 134.3
160 50.5 39.6 59.4

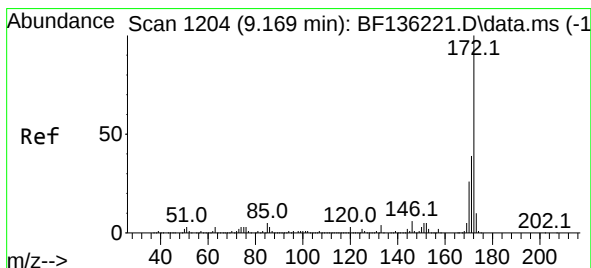
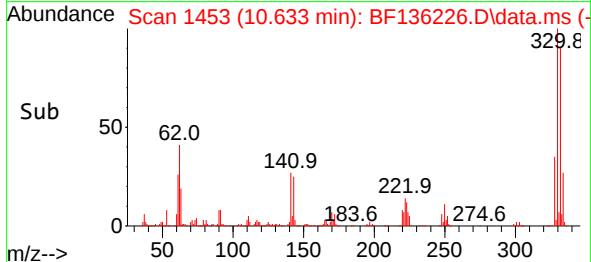
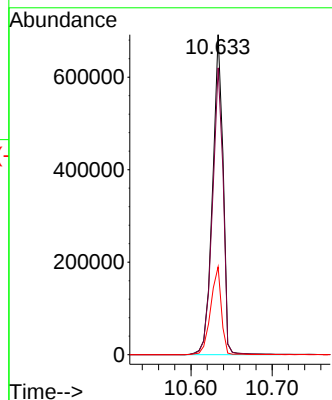
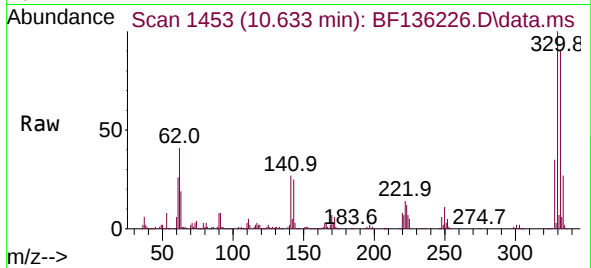




#42
2,4,6-Tribromophenol
Concen: 132.154 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

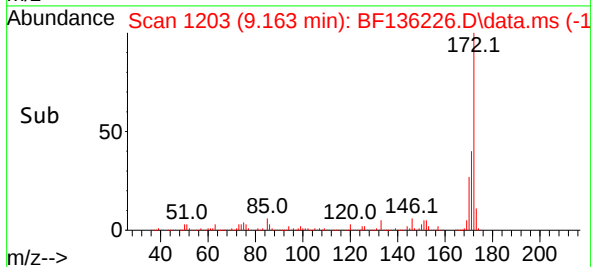
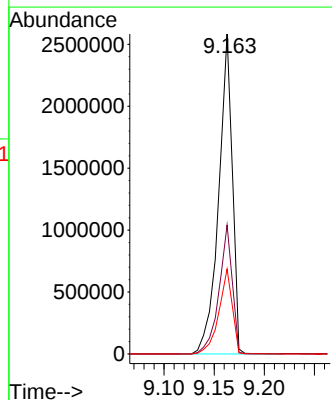
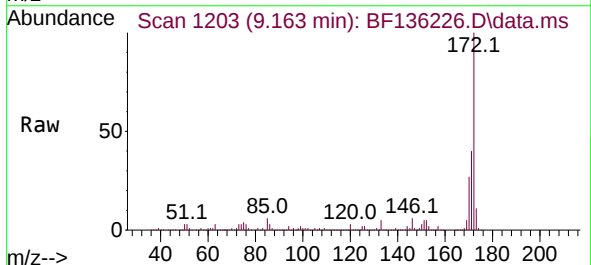
Instrument :
BNA_F
ClientSampleId :
PB157249TB

Tgt Ion:330 Resp: 618915
Ion Ratio Lower Upper
330 100
332 91.7 73.0 109.6
141 28.0 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 81.629 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion:172 Resp: 2448066
Ion Ratio Lower Upper
172 100
171 40.3 31.5 47.3
170 26.6 20.8 31.2

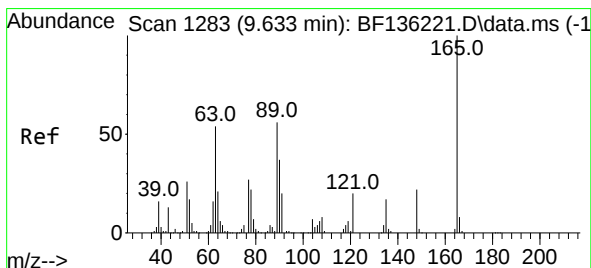
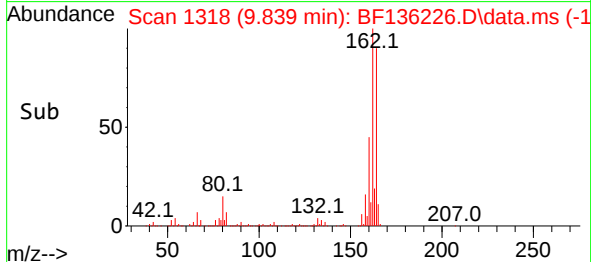
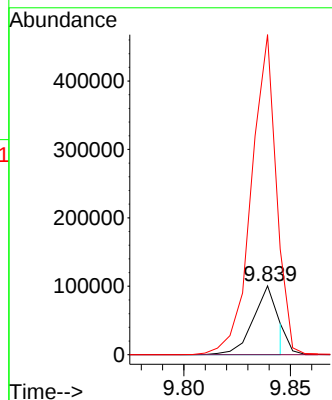
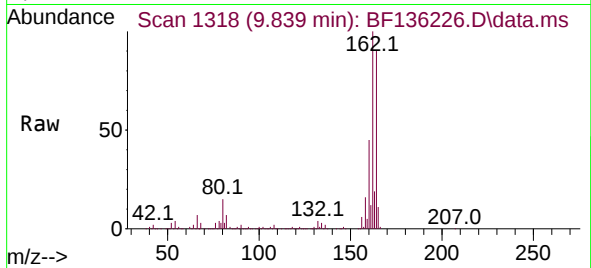




#50
Dimethylphthalate
Concen: 2.790 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

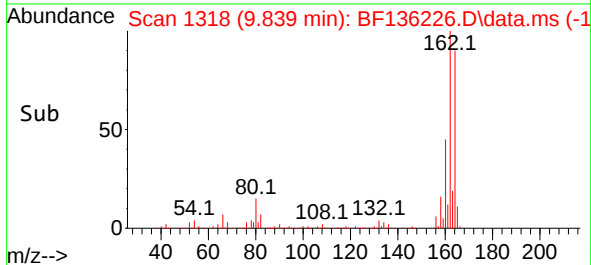
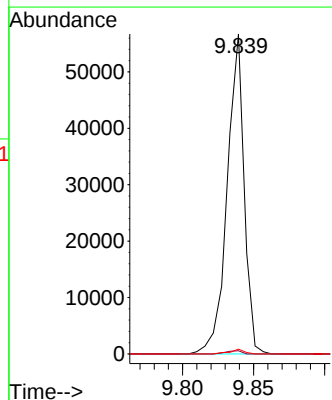
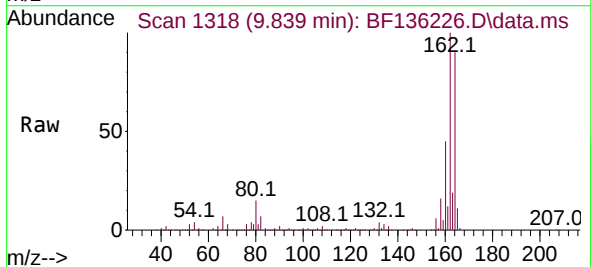
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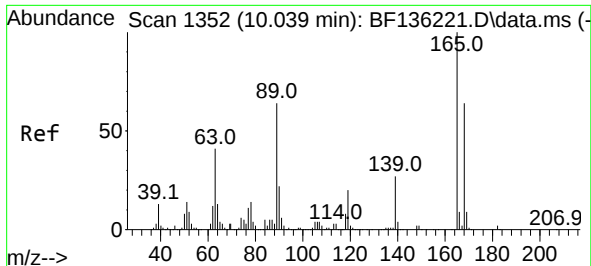
Tgt Ion:163 Resp: 80769
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 465.4 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.943 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion:165 Resp: 46982
Ion Ratio Lower Upper
165 100
63 1.0 46.2 69.2#
89 1.5 44.9 67.3#

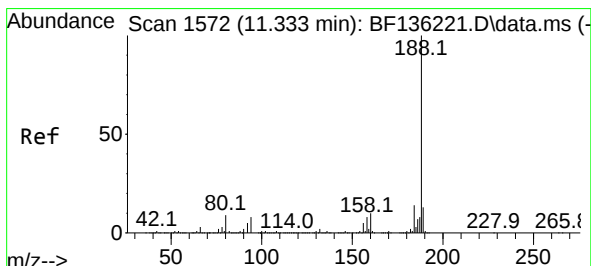
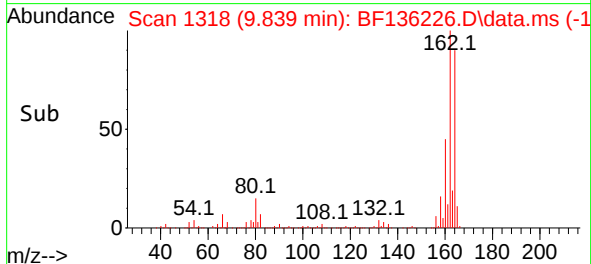
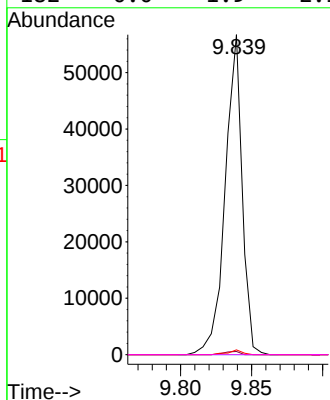
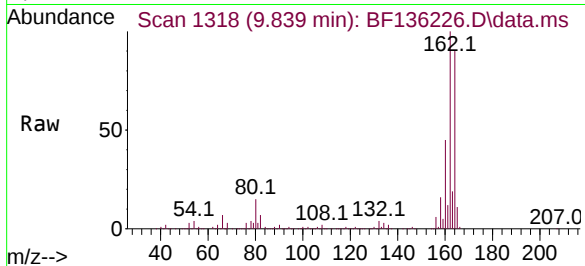




#57
2,4-Dinitrotoluene
Concen: 5.946 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

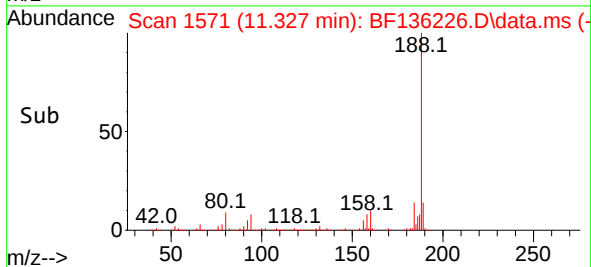
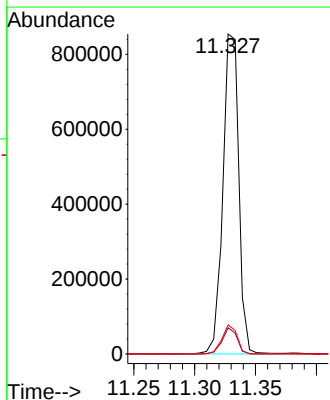
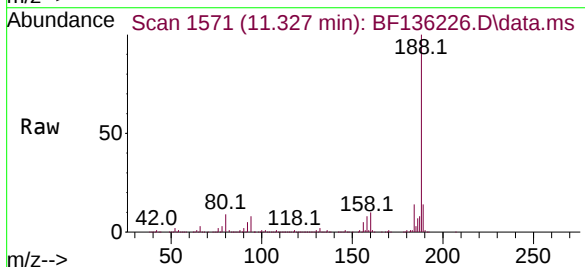
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PB157249TB

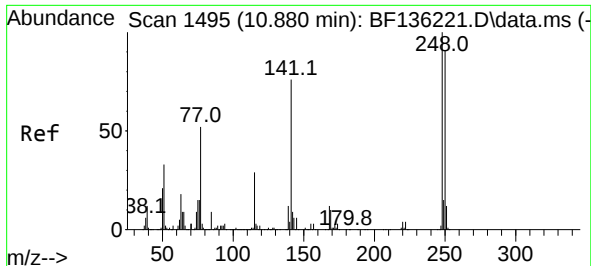
Tgt Ion:165 Resp: 46982
Ion Ratio Lower Upper
165 100
63 1.0 33.0 49.4#
89 1.5 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion:188 Resp: 778194
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.1 7.2 10.8

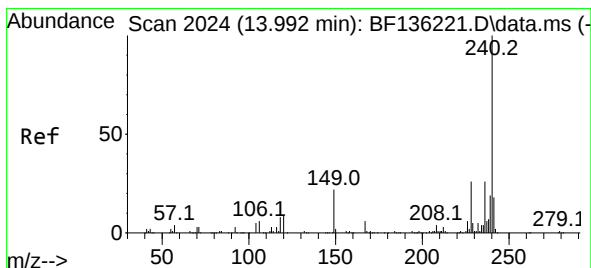
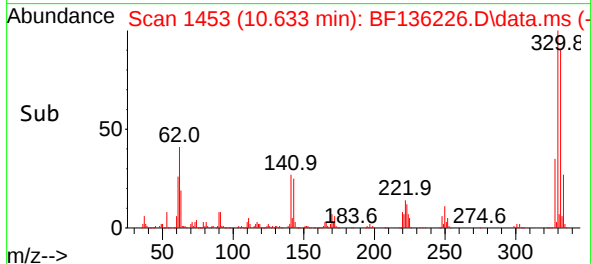
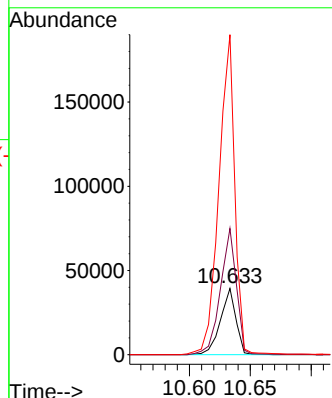
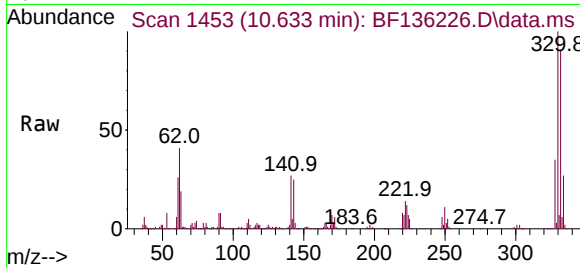




#67
4-Bromophenyl-phenylether
Concen: 3.867 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

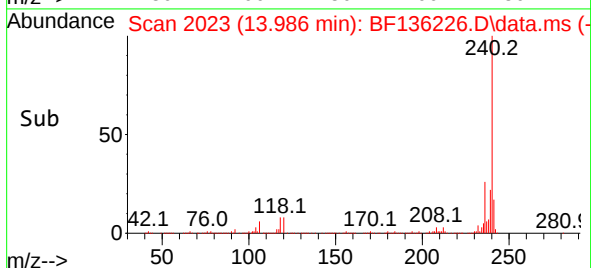
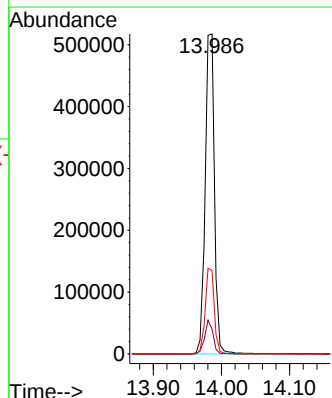
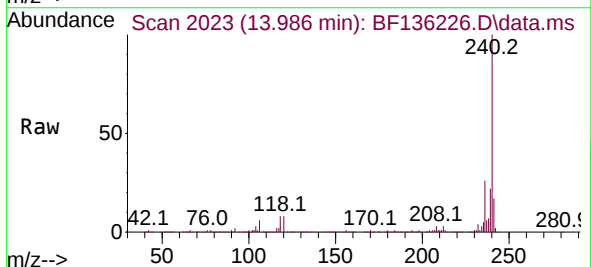
Instrument :
BNA_F
ClientSampleId :
PB157249TB

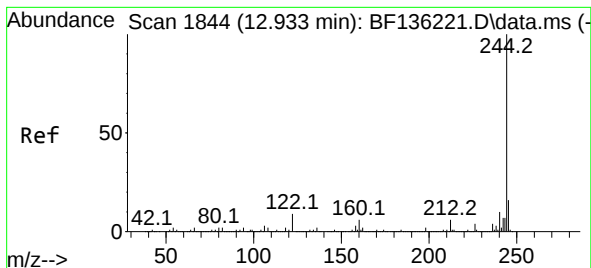
Tgt Ion:248 Resp: 35109
Ion Ratio Lower Upper
248 100
250 190.3 72.5 108.7#
141 482.7 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion:240 Resp: 490539
Ion Ratio Lower Upper
240 100
120 7.8 7.4 11.2
236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 75.049 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136226.D

Acq: 27 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB157249TB

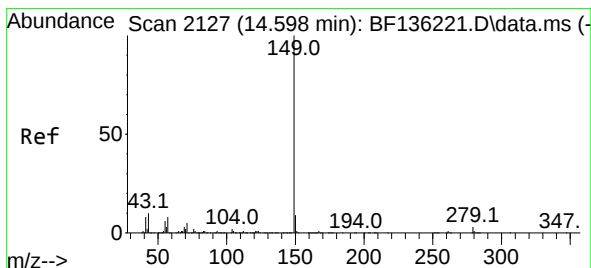
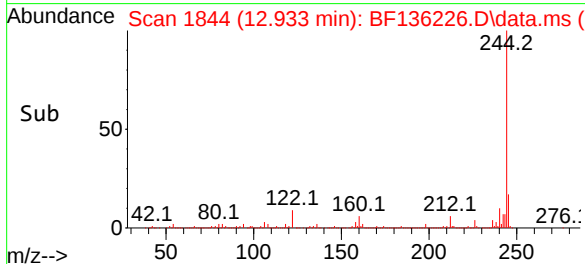
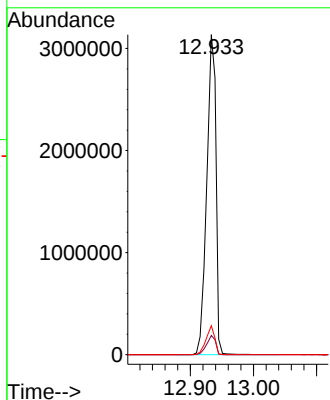
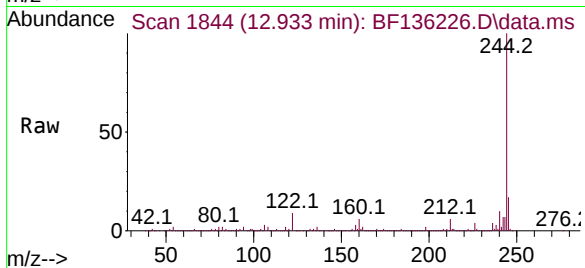
Tgt Ion:244 Resp: 3191571

Ion Ratio Lower Upper

244 100

212 6.0 4.6 7.0

122 9.0 7.3 10.9



#85

Di-n-octyl phthalate

Concen: 5.188 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF136226.D

Acq: 27 Nov 2023 17:09

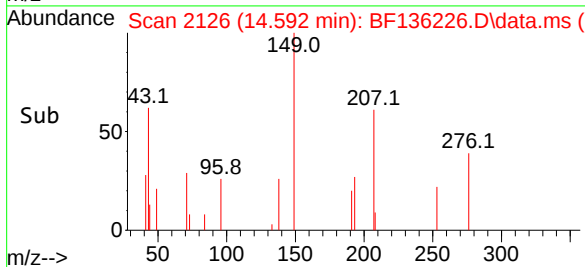
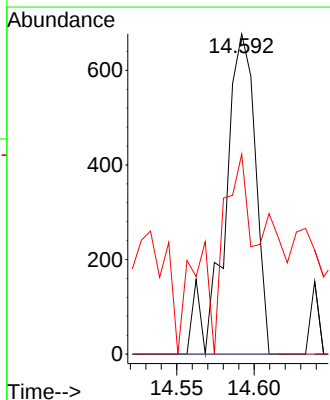
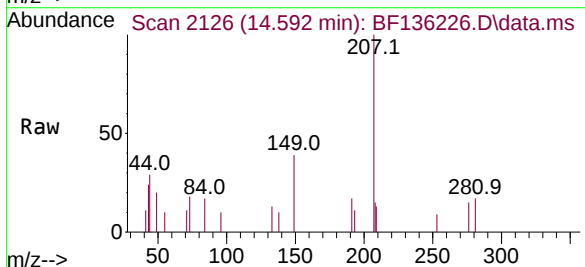
Tgt Ion:149 Resp: 926

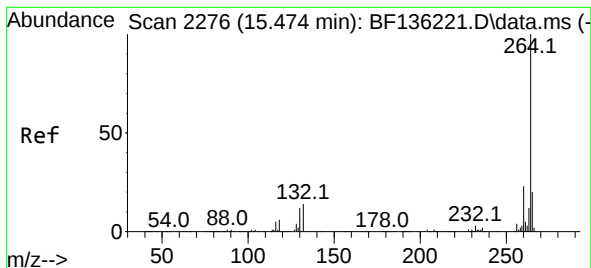
Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

43 59.0 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: BF136226.D

Acq: 27 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB157249TB

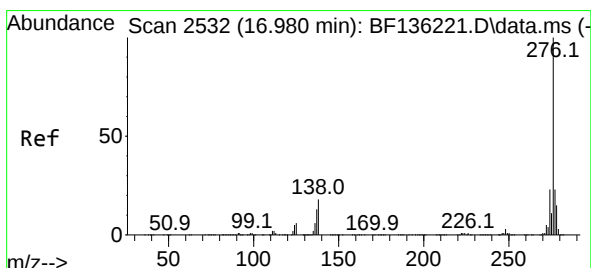
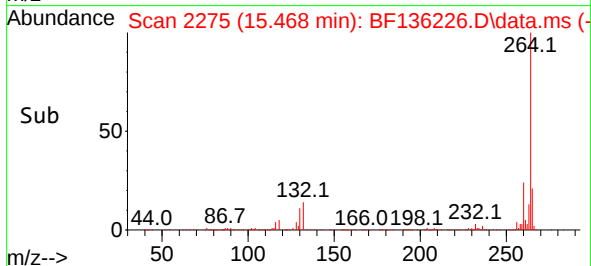
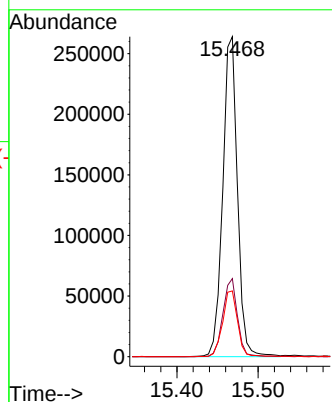
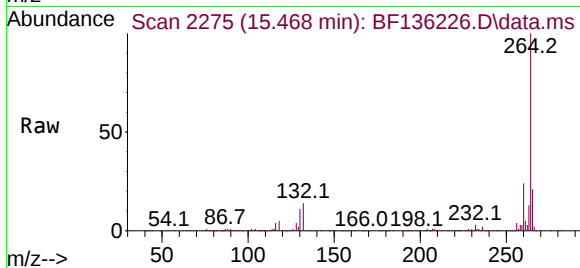
Tgt Ion:264 Resp: 333330

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 20.6 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.807 ng

RT: 16.909 min Scan# 2520

Delta R.T. -0.071 min

Lab File: BF136226.D

Acq: 27 Nov 2023 17:09

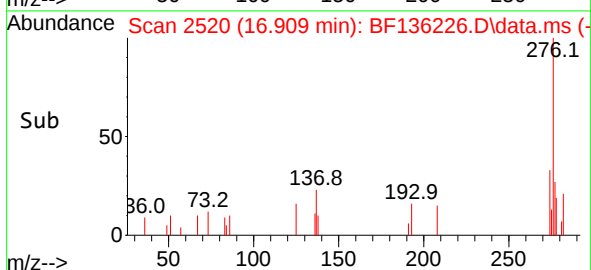
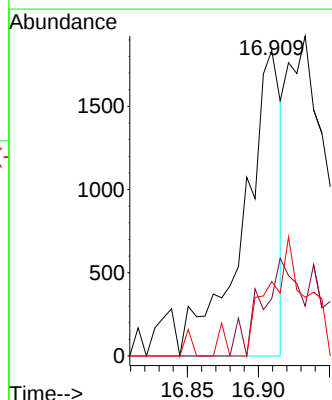
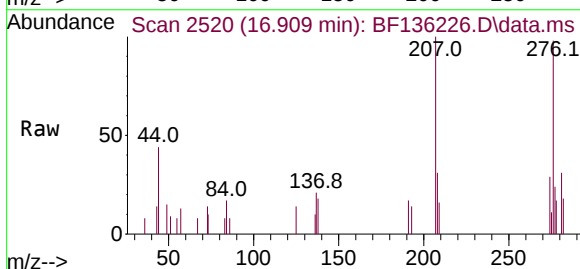
Tgt Ion:276 Resp: 3364

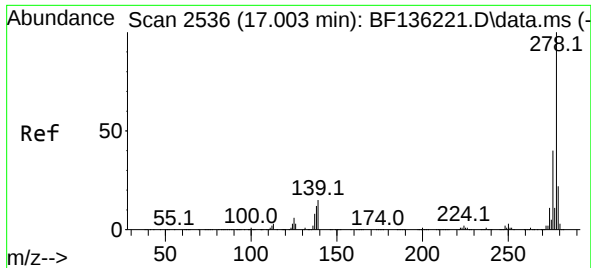
Ion Ratio Lower Upper

276 100

138 32.1 17.7 26.5#

277 39.1 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 2.969 ng
 RT: 16.945 min Scan# 21
 Delta R.T. -0.058 min
 Lab File: BF136226.D
 Acq: 27 Nov 2023 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB157249TB

Tgt Ion:278 Resp: 5411
 Ion Ratio Lower Upper
 278 100
 139 13.3 11.7 17.5
 279 24.9 17.8 26.8

