

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136242.D
 Acq On : 28 Nov 2023 11:23
 Operator : CG\JU
 Sample : PB156951BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157019BL

Quant Time: Nov 28 12:10:14 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)

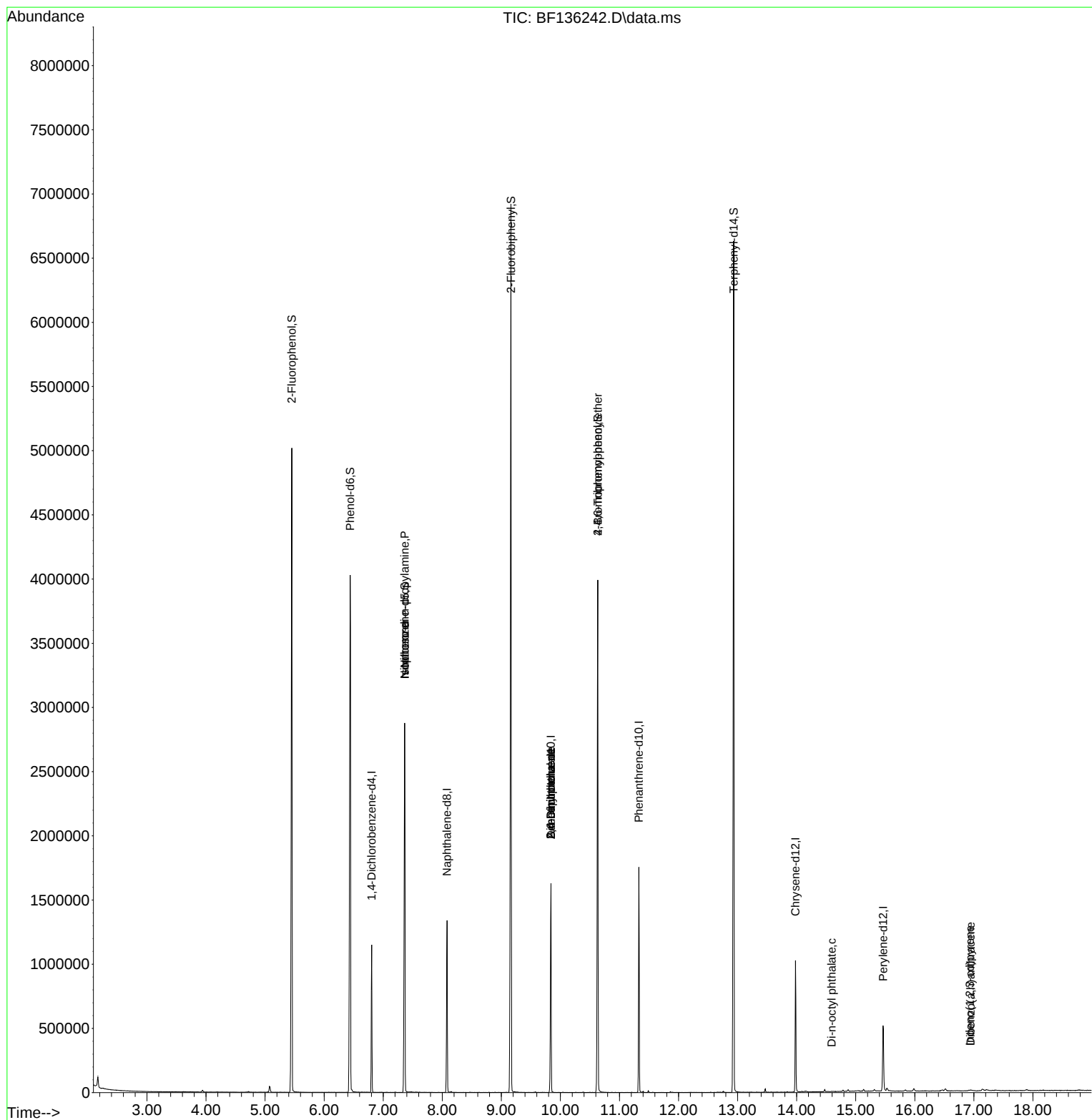
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	148881	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	621741	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	319453	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	607537	20.000	ng	0.00
76) Chrysene-d12	13.980	240	322923	20.000	ng	-0.01
86) Perylene-d12	15.463	264	250755	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1434932	134.148	ng	0.01
7) Phenol-d6	6.440	99	1781914	133.230	ng	0.00
23) Nitrobenzene-d5	7.363	82	1099194	93.423	ng	-0.01
42) 2,4,6-Tribromophenol	10.634	330	537462	137.614	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2280376	91.179	ng	0.00
79) Terphenyl-d14	12.933	244	2522901	90.119	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	144153	18.021	ng	# 75
25) Isophorone	7.363	82	1093719	51.553	ng	# 68
50) Dimethylphthalate	9.839	163	67816	2.809	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	38924	7.891	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	38924	5.908	ng	# 27
67) 4-Bromophenyl-phenylether	10.634	248	30079	4.244	ng	# 1
85) Di-n-octyl phthalate	14.592	149	946	5.202	ng	# 77
87) Indeno(1,2,3-cd)pyrene	16.933	276	5830	2.973	ng	# 73
91) Dibenzo(a,h)anthracene	16.945	278	5183	3.038	ng	# 85

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

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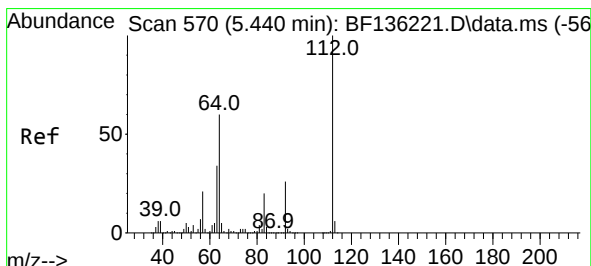
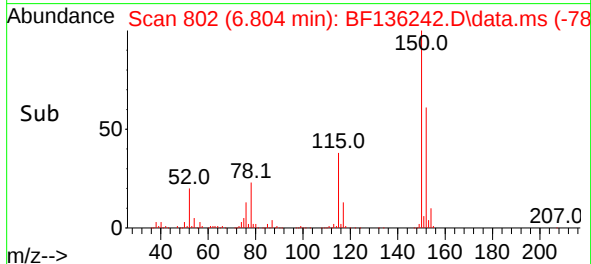
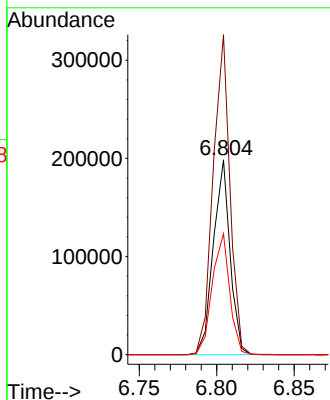
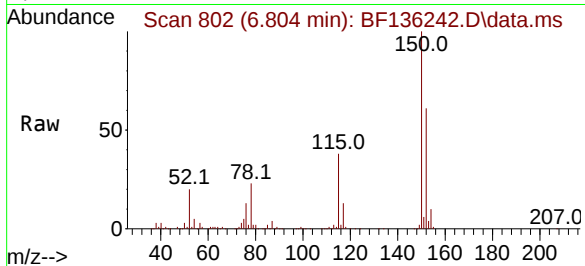




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

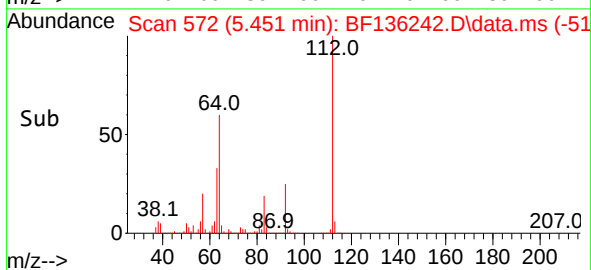
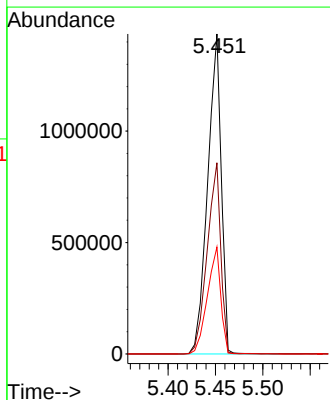
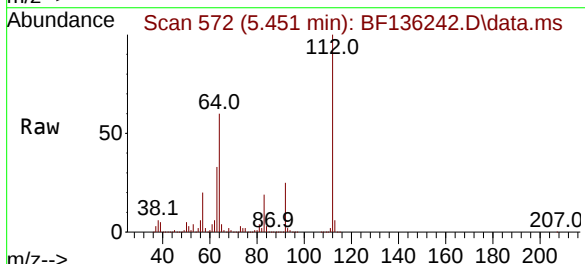
Instrument :
BNA_F
ClientSampleId :
PB157019BL

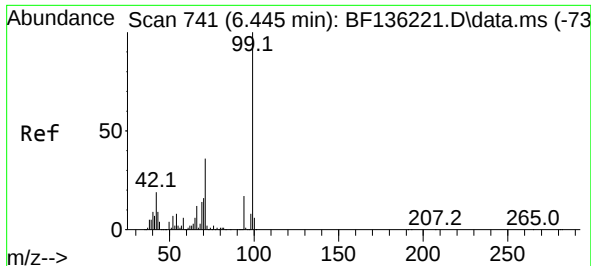
Tgt Ion:152 Resp: 148881
Ion Ratio Lower Upper
152 100
150 164.2 137.8 206.8
115 62.1 52.7 79.1



#5
2-Fluorophenol
Concen: 134.148 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

Tgt Ion:112 Resp: 1434932
Ion Ratio Lower Upper
112 100
64 59.7 48.2 72.4
63 33.4 27.0 40.6

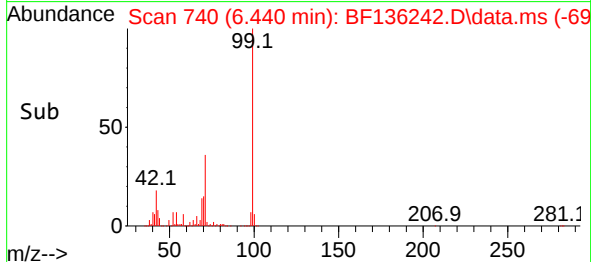
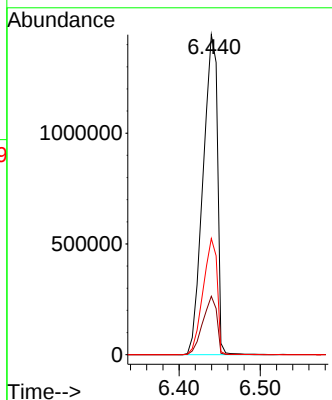
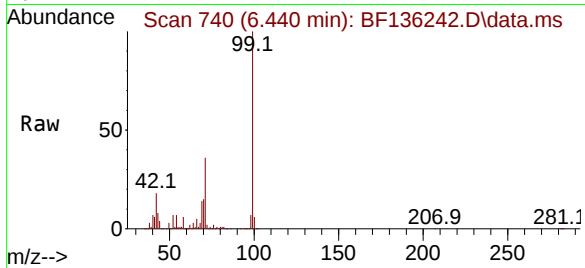




#7
Phenol-d6
Concen: 133.230 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

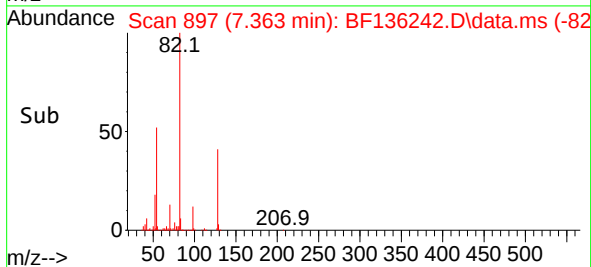
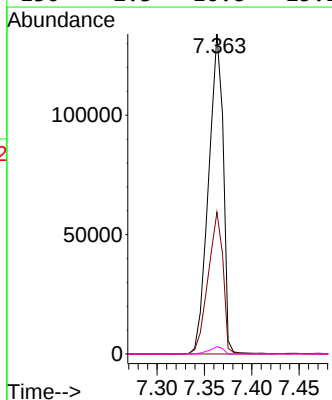
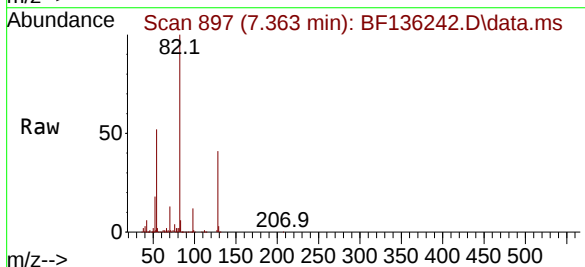
Instrument :
BNA_F
ClientSampleId :
PB157019BL

Tgt Ion: 99 Resp: 1781914
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.6
71 36.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.021 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

Tgt Ion: 70 Resp: 144153
Ion Ratio Lower Upper
70 100
42 44.3 47.0 70.4#
101 0.0 7.8 11.8#
130 2.3 16.8 25.2#

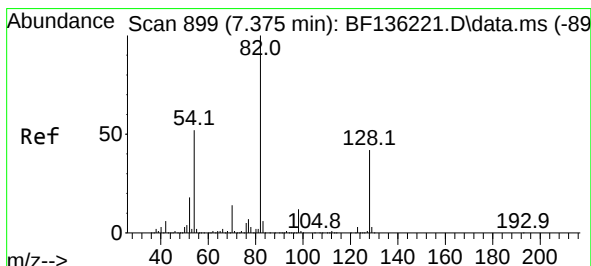
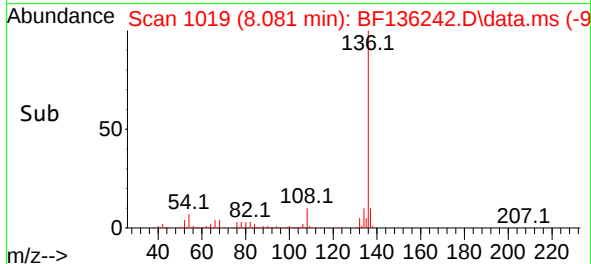
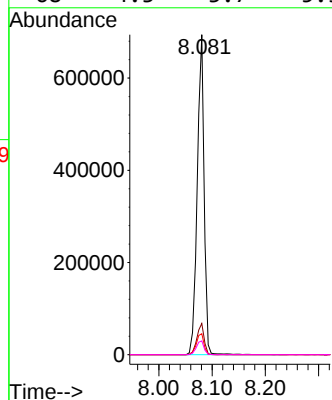
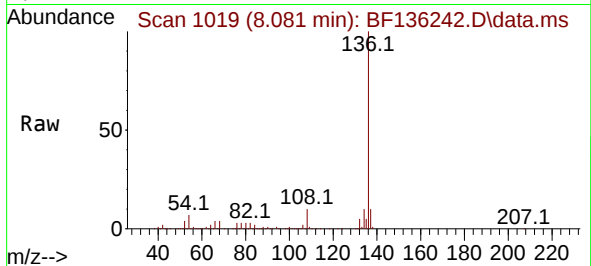




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

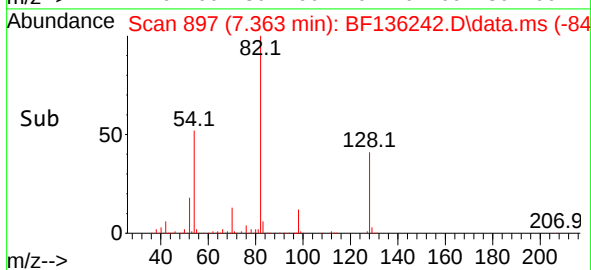
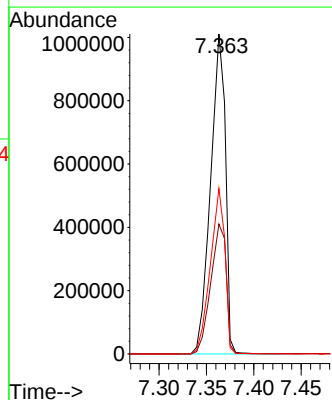
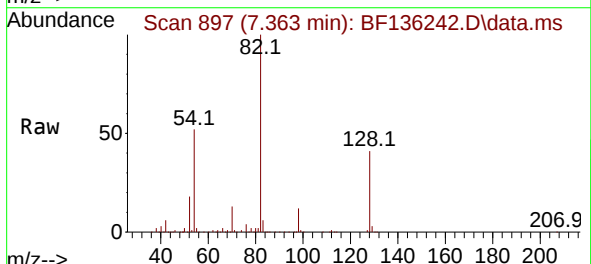
Instrument :
BNA_F
ClientSampleId :
PB157019BL

Tgt Ion:136 Resp: 621741
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 6.6 5.5 8.3
68 4.3 3.7 5.5



#23
Nitrobenzene-d5
Concen: 93.423 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

Tgt Ion: 82 Resp: 1099194
Ion Ratio Lower Upper
82 100
128 40.6 33.4 50.2
54 51.7 41.7 62.5

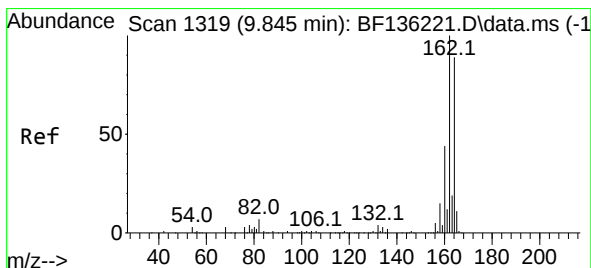
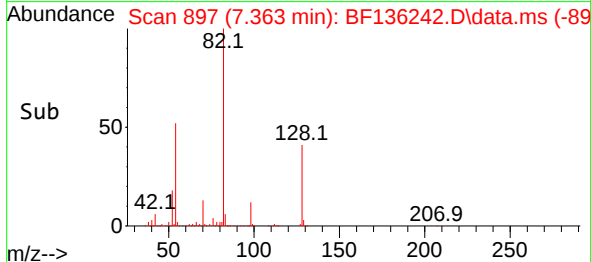
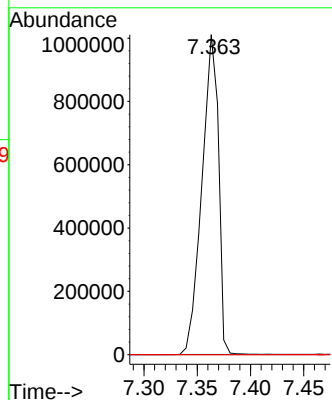
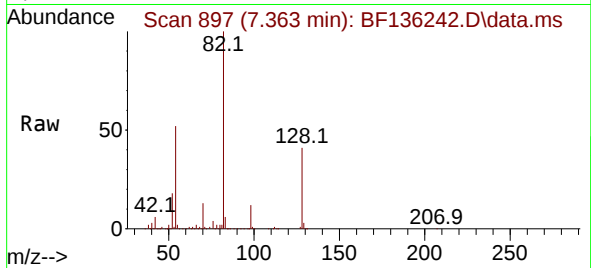




#25
Isophorone
Concen: 51.553 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.264 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

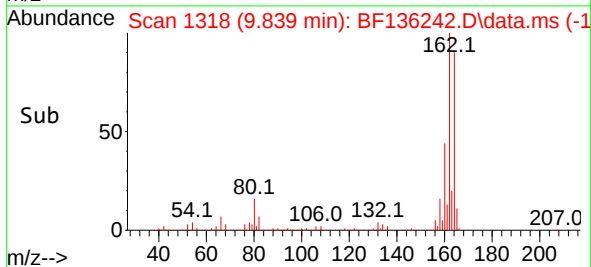
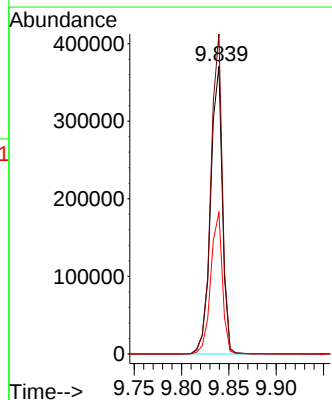
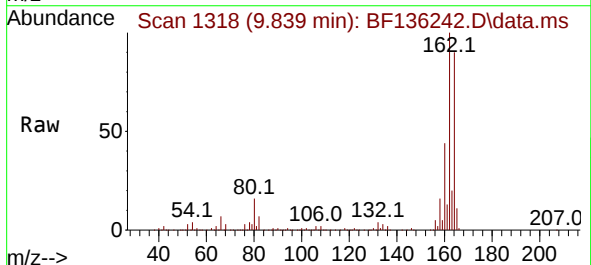
Instrument :
BNA_F
ClientSampleId :
PB157019BL

Tgt Ion: 82 Resp: 1093719
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: BF136242.D
Acq: 28 Nov 2023 11:23

Tgt Ion:164 Resp: 319453
Ion Ratio Lower Upper
164 100
162 111.3 89.5 134.3
160 49.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 137.614 ng

RT: 10.634 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136242.D

Acq: 28 Nov 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB157019BL

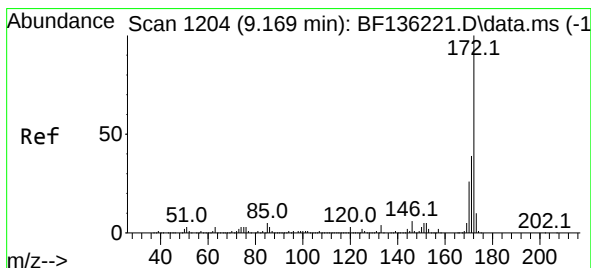
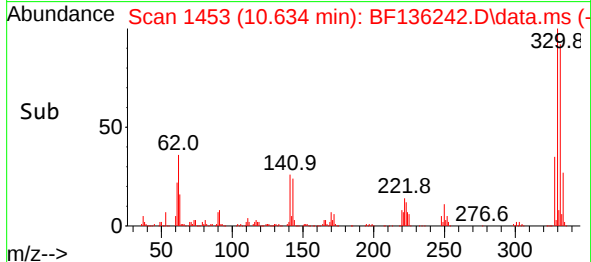
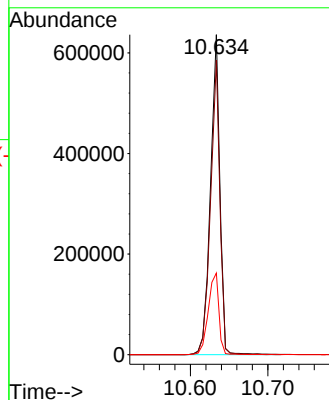
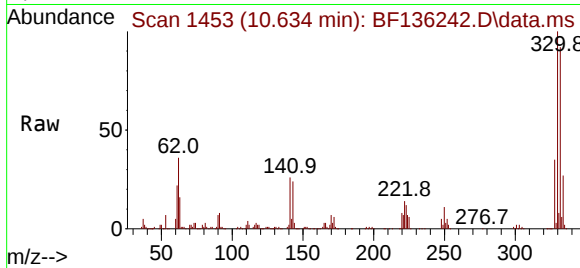
Tgt Ion:330 Resp: 537462

Ion Ratio Lower Upper

330 100

332 91.7 73.0 109.6

141 28.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 91.179 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136242.D

Acq: 28 Nov 2023 11:23

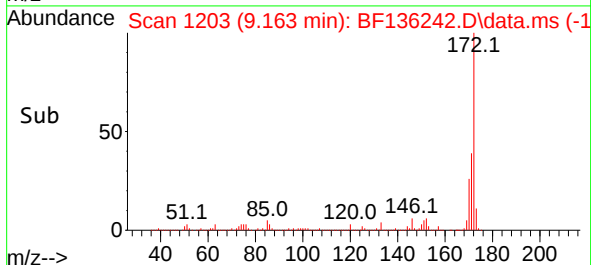
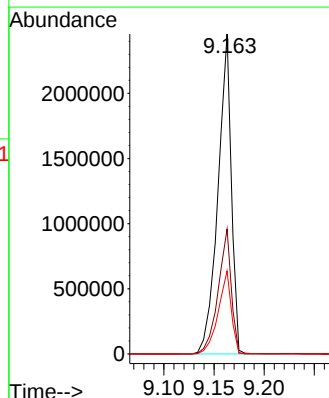
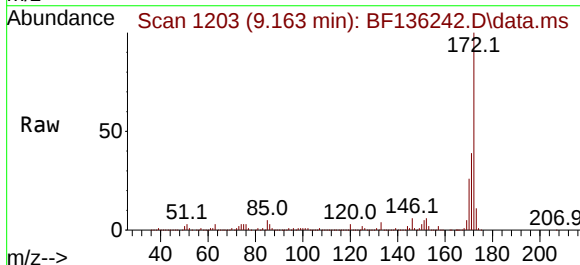
Tgt Ion:172 Resp: 2280376

Ion Ratio Lower Upper

172 100

171 39.1 31.5 47.3

170 25.9 20.8 31.2

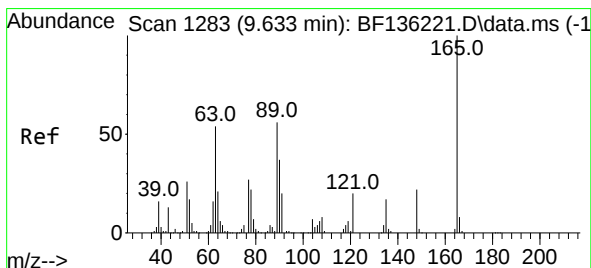
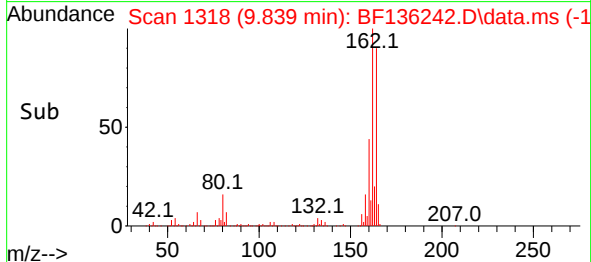
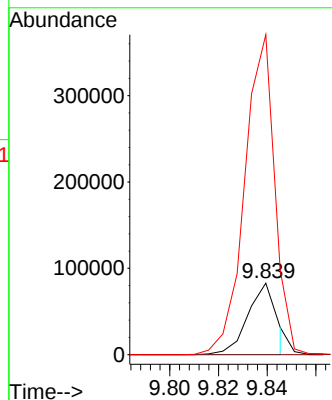
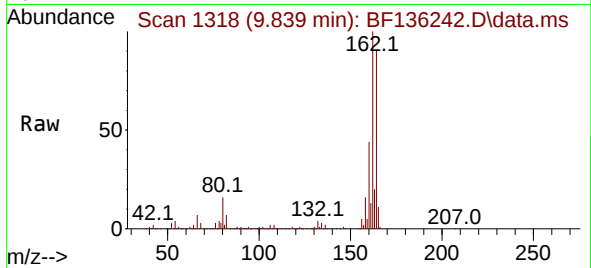




#50
Dimethylphthalate
Concen: 2.809 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

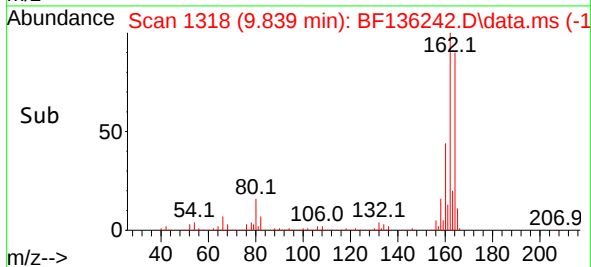
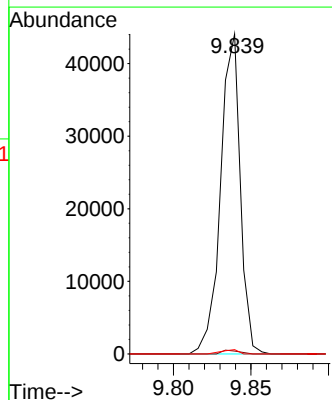
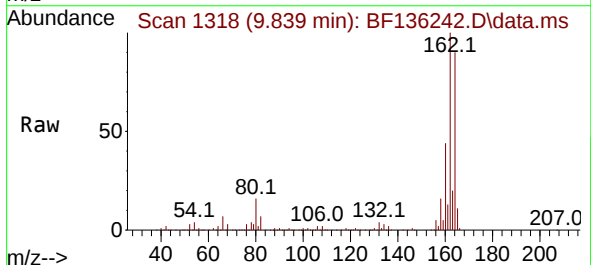
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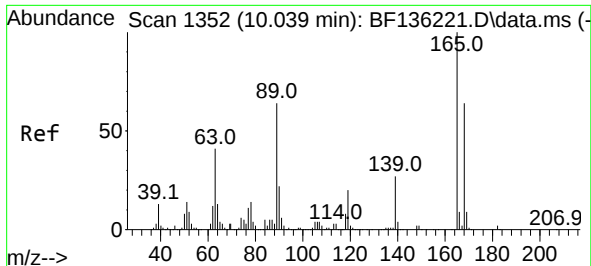
Tgt Ion:163 Resp: 67816
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 447.7 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.891 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

Tgt Ion:165 Resp: 38924
Ion Ratio Lower Upper
165 100
63 0.9 46.2 69.2#
89 1.3 44.9 67.3#

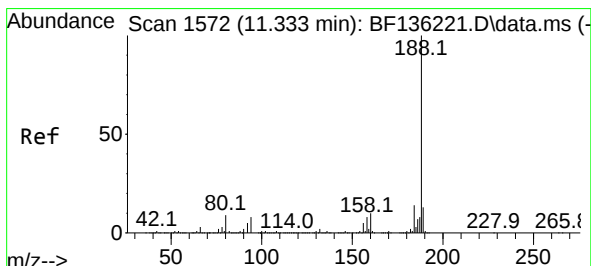
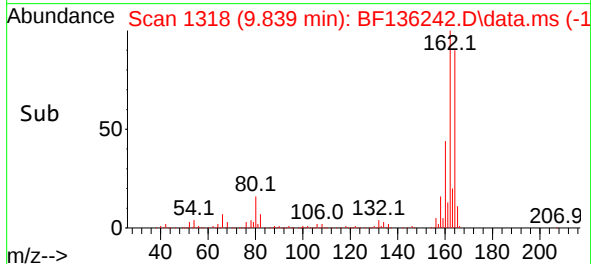
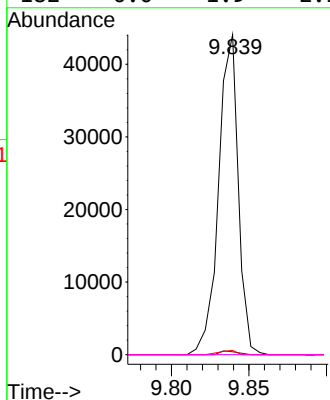
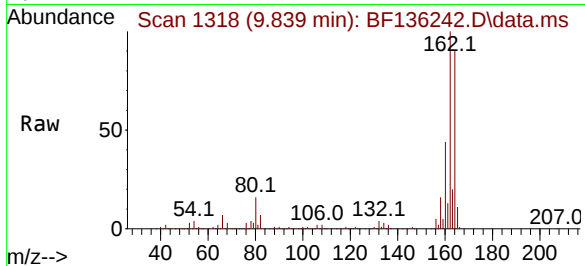




#57
2,4-Dinitrotoluene
Concen: 5.908 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

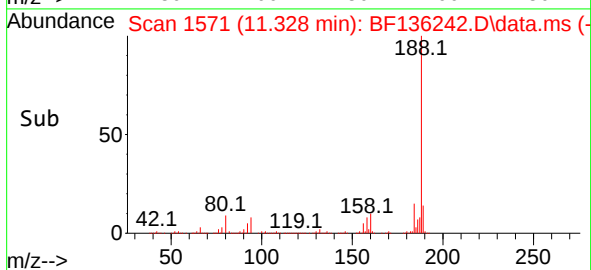
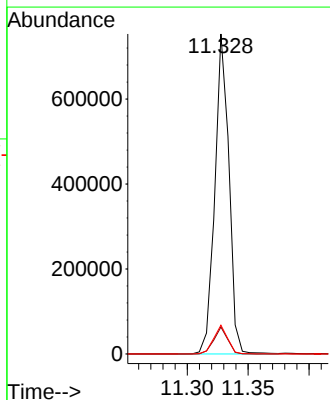
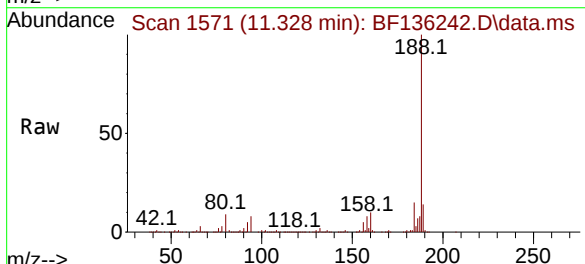
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BNA_F
ClientSampleId :
PB157019BL

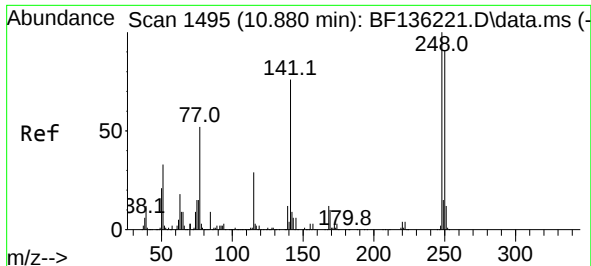
Tgt Ion:165 Resp: 38924
Ion Ratio Lower Upper
165 100
63 0.9 33.0 49.4#
89 1.3 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

Tgt Ion:188 Resp: 607537
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.0 7.2 10.8





#67

4-Bromophenyl-phenylether

Concen: 4.244 ng

RT: 10.634 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF136242.D

Acq: 28 Nov 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB157019BL

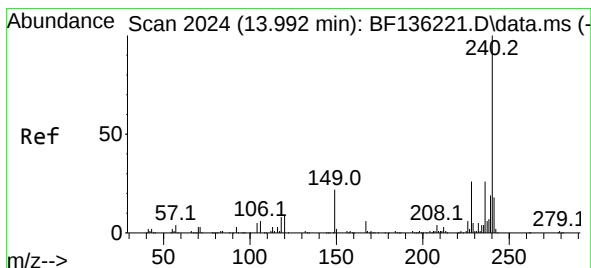
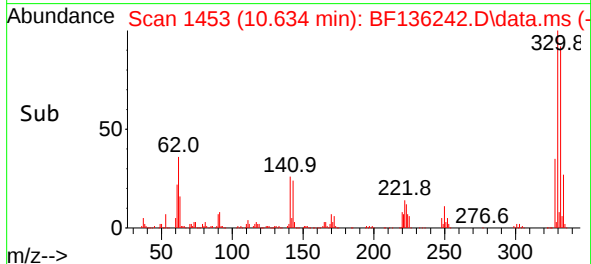
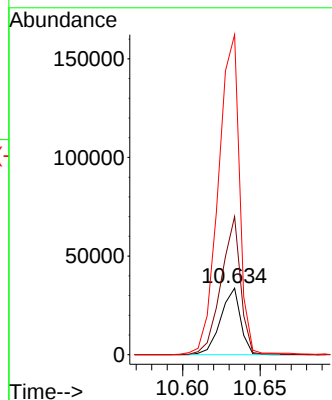
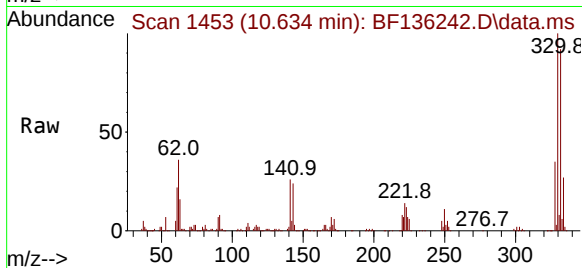
Tgt Ion:248 Resp: 30079

Ion Ratio Lower Upper

248 100

250 207.3 72.5 108.7#

141 480.7 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: BF136242.D

Acq: 28 Nov 2023 11:23

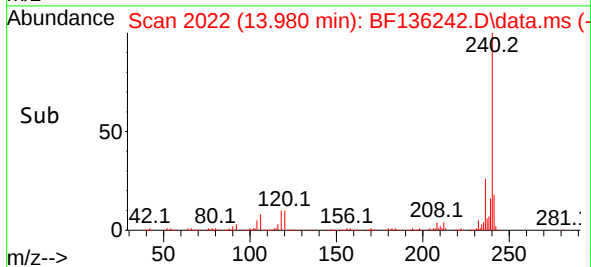
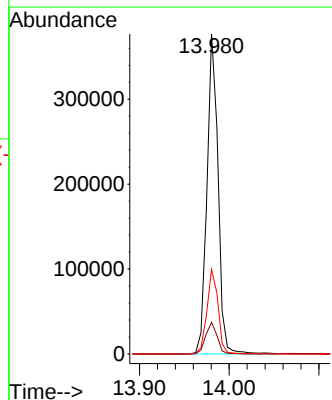
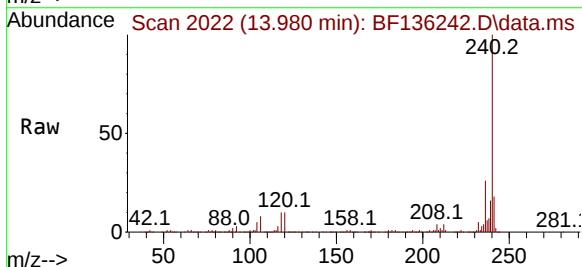
Tgt Ion:240 Resp: 322923

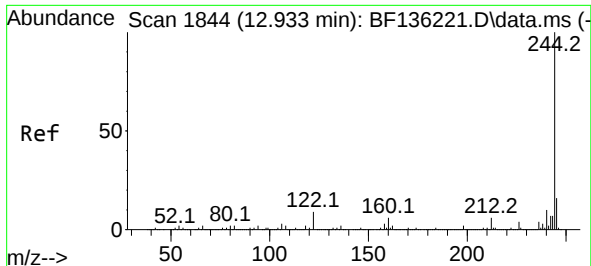
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.2

236 26.4 21.1 31.7

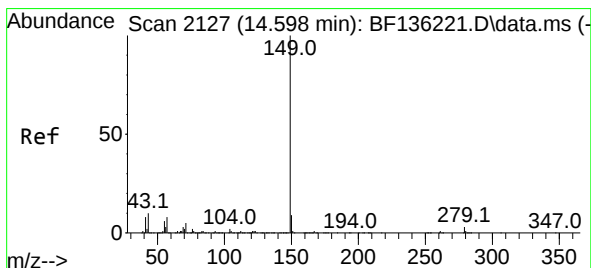
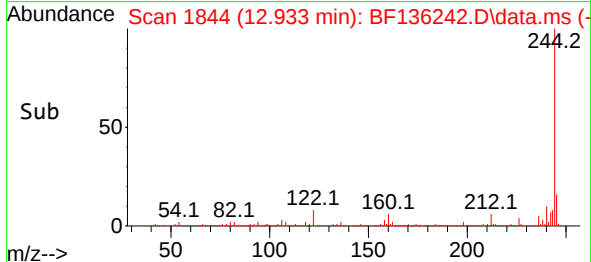
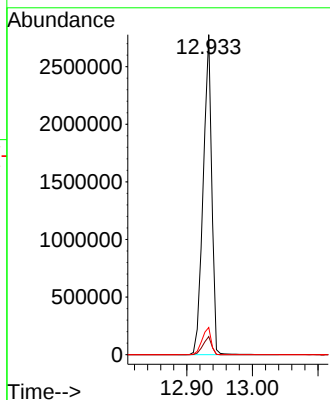
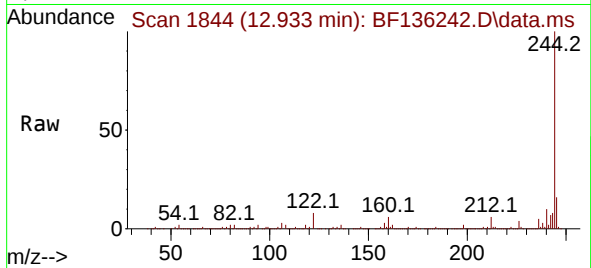




#79
 Terphenyl-d14
 Concen: 90.119 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136242.D
 Acq: 28 Nov 2023 11:23

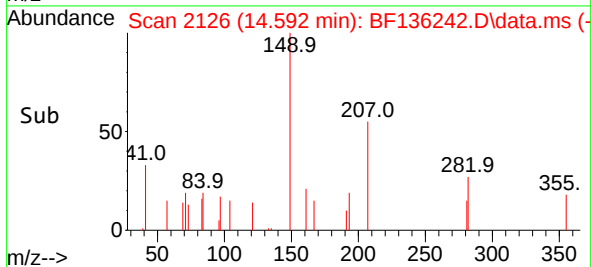
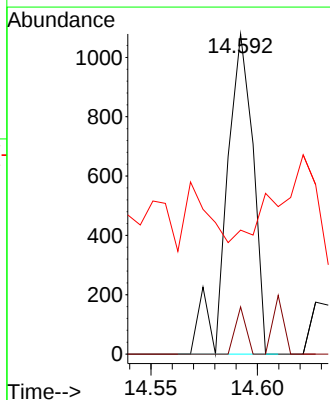
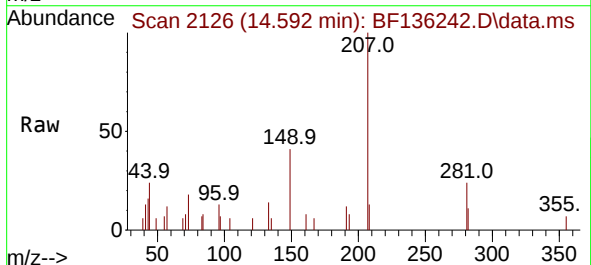
Instrument :
 BNA_F
 ClientSampleId :
 PB157019BL

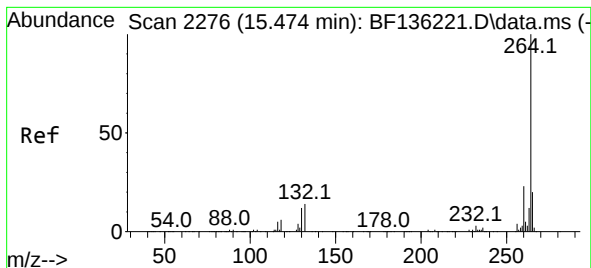
Tgt Ion:244 Resp: 2522901
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 8.5 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.202 ng
 RT: 14.592 min Scan# 2126
 Delta R.T. -0.006 min
 Lab File: BF136242.D
 Acq: 28 Nov 2023 11:23

Tgt Ion:149 Resp: 946
 Ion Ratio Lower Upper
 149 100
 167 5.9 1.0 1.6#
 43 0.0 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF136242.D

Acq: 28 Nov 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB157019BL

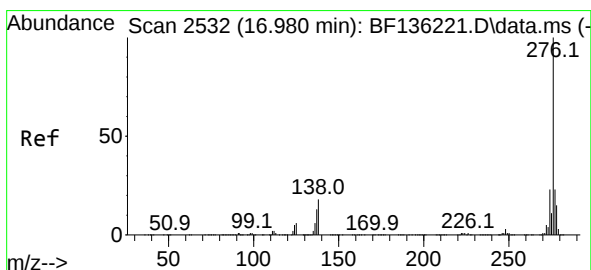
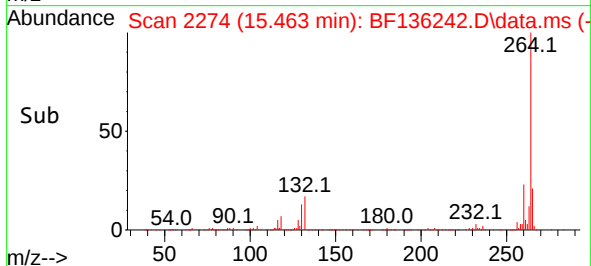
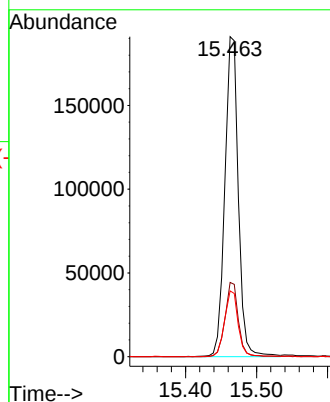
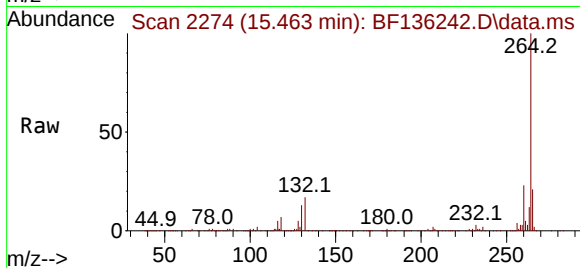
Tgt Ion:264 Resp: 250755

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.5 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.973 ng

RT: 16.933 min Scan# 2524

Delta R.T. -0.047 min

Lab File: BF136242.D

Acq: 28 Nov 2023 11:23

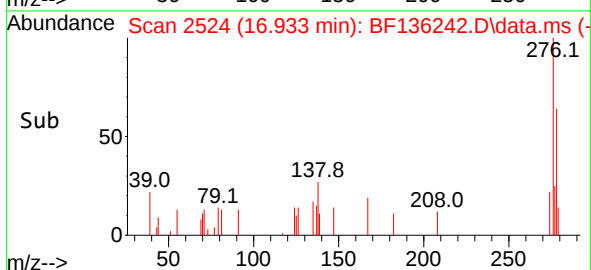
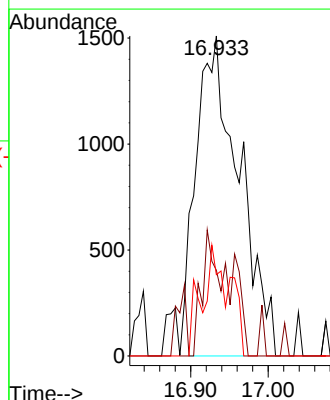
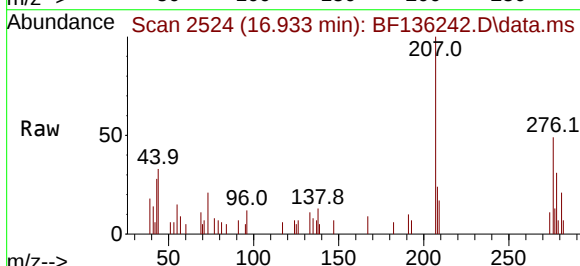
Tgt Ion:276 Resp: 5830

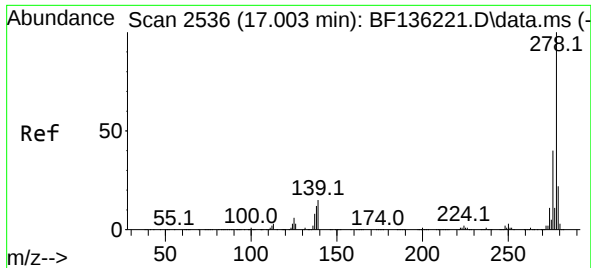
Ion Ratio Lower Upper

276 100

138 14.1 17.7 26.5#

277 6.2 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 3.038 ng
 RT: 16.945 min Scan# 21
 Delta R.T. -0.058 min
 Lab File: BF136242.D
 Acq: 28 Nov 2023 11:23

Instrument :
 BNA_F
 ClientSampleId :
 PB157019BL

Tgt Ion:278 Resp: 5183
 Ion Ratio Lower Upper
 278 100
 139 21.7 11.7 17.5#
 279 16.1 17.8 26.8#

