

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136252.D
 Acq On : 28 Nov 2023 16:44
 Operator : CG\JU
 Sample : PB153378BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157378BL

Quant Time: Nov 29 00:46:25 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)

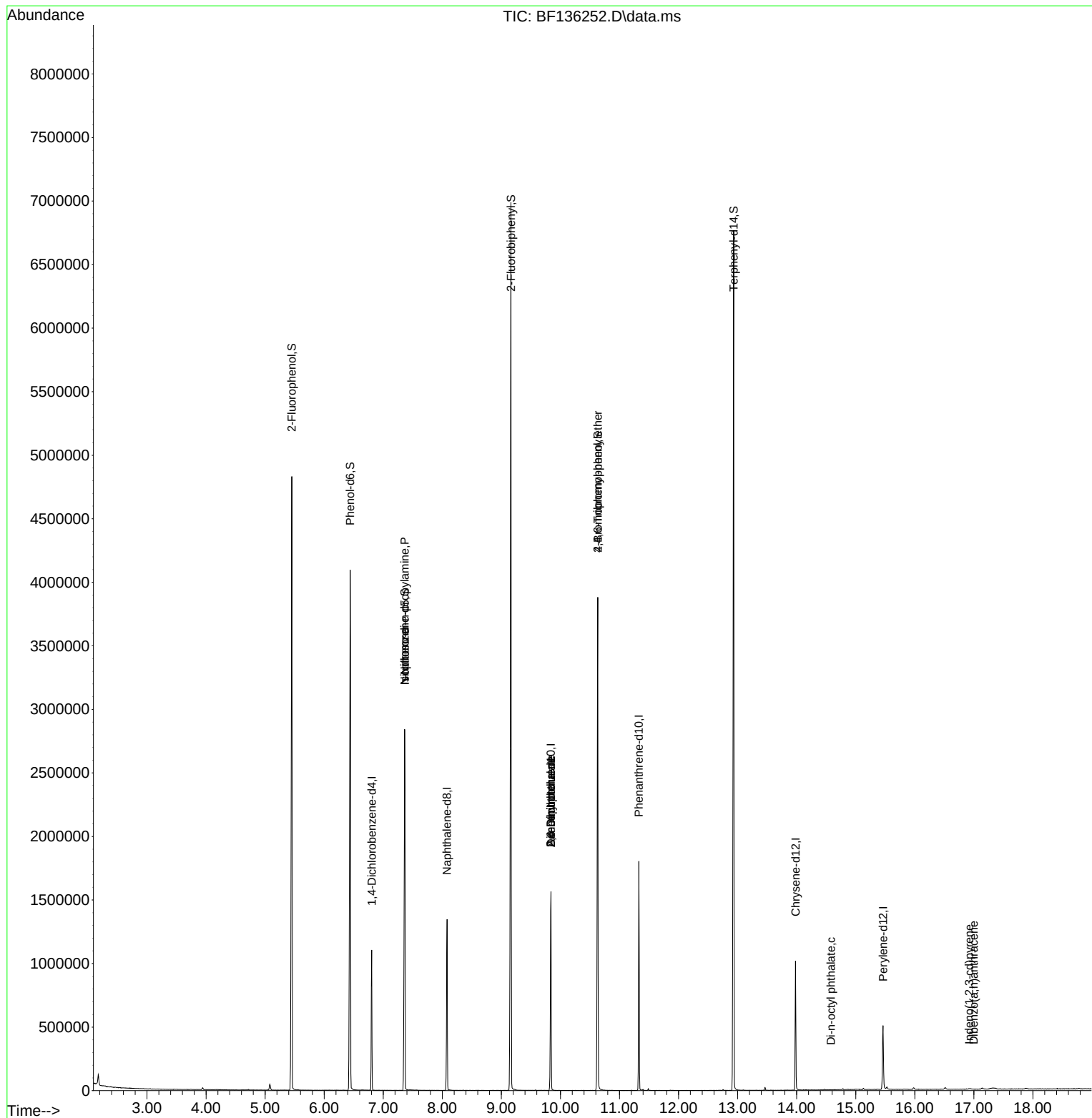
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	146666	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	622236	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	316649	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	611222	20.000	ng	0.00
76) Chrysene-d12	13.980	240	321395	20.000	ng	-0.01
86) Perylene-d12	15.462	264	241274	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1444633	137.095	ng	0.01
7) Phenol-d6	6.439	99	1775898	134.786	ng	0.00
23) Nitrobenzene-d5	7.363	82	1090192	92.584	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	534171	137.982	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2270891	91.604	ng	0.00
79) Terphenyl-d14	12.933	244	2603641	93.445	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	144808	18.376	ng	# 76
25) Isophorone	7.363	82	1083313	51.022	ng	# 68
50) Dimethylphthalate	9.839	163	69317	2.896	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	38847	7.945	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	38847	5.948	ng	# 27
67) 4-Bromophenyl-phenylether	10.633	248	29842	4.185	ng	# 1
85) Di-n-octyl phthalate	14.580	149	62	5.165	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.921	276	3908	2.884	ng	# 80
91) Dibenzo(a,h)anthracene	16.998	278	385	2.739	ng	# 58

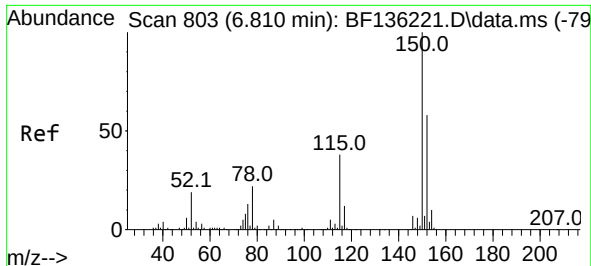
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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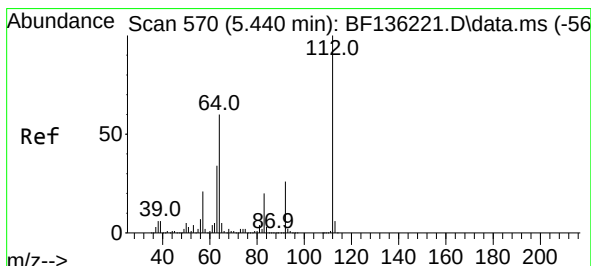
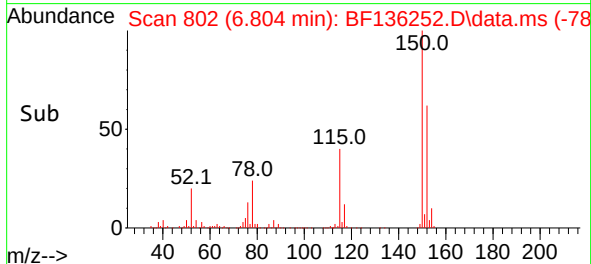
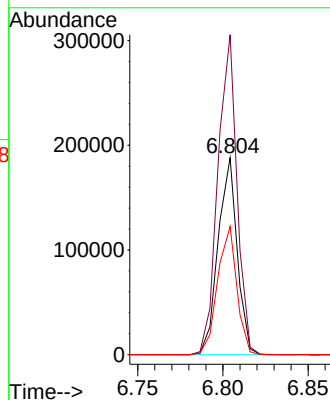
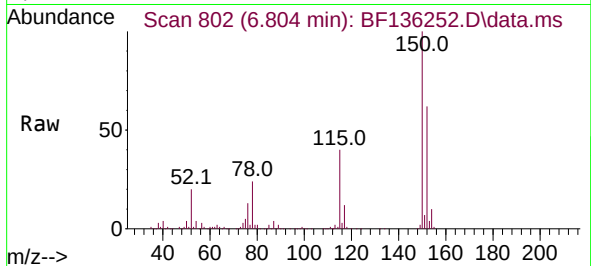




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

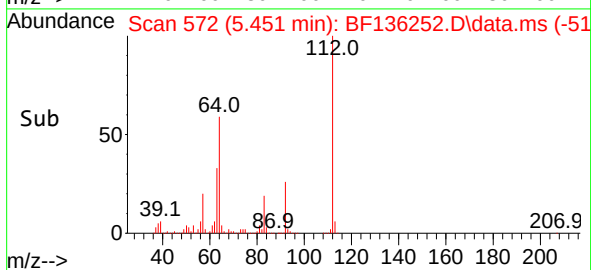
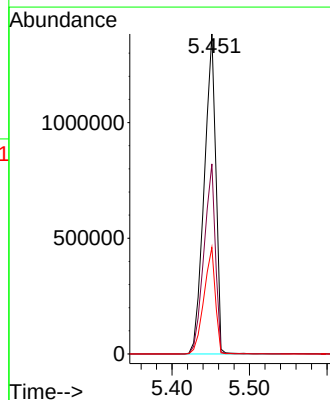
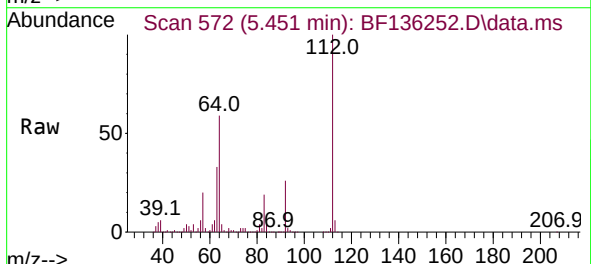
Instrument :
BNA_F
ClientSampleId :
PB157378BL

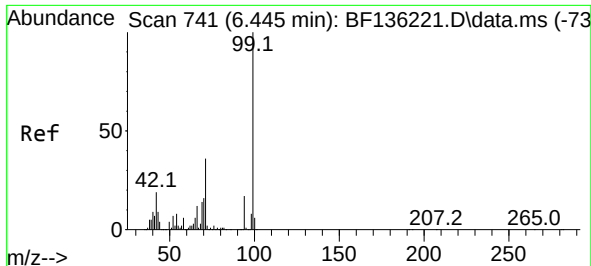
Tgt Ion:152 Resp: 146666
Ion Ratio Lower Upper
152 100
150 162.5 137.8 206.8
115 65.1 52.7 79.1



#5
2-Fluorophenol
Concen: 137.095 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

Tgt Ion:112 Resp: 1444633
Ion Ratio Lower Upper
112 100
64 59.4 48.2 72.4
63 33.3 27.0 40.6

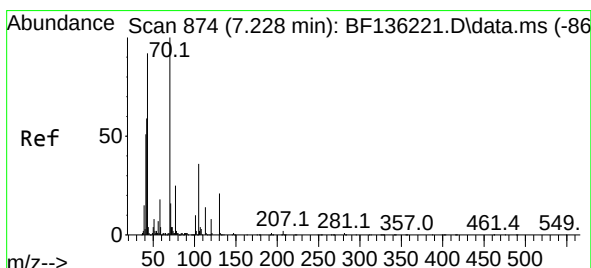
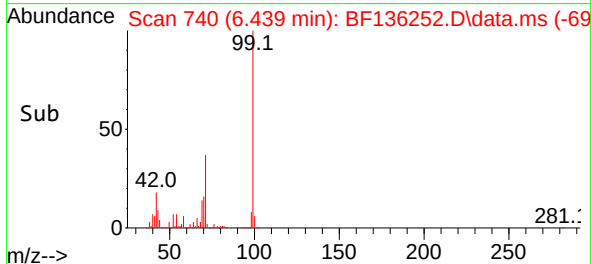
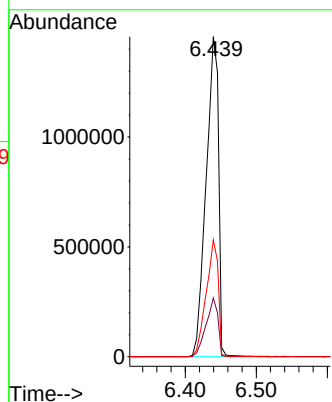
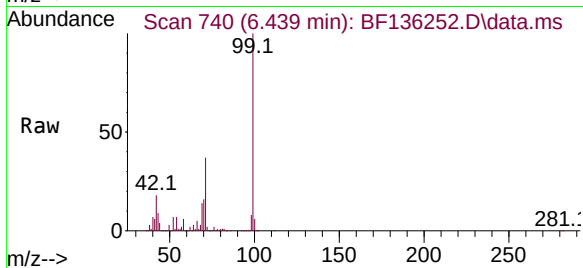




#7
Phenol-d6
Concen: 134.786 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

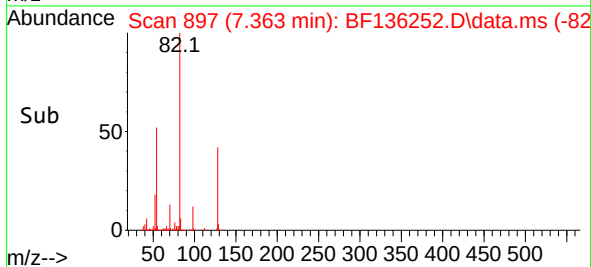
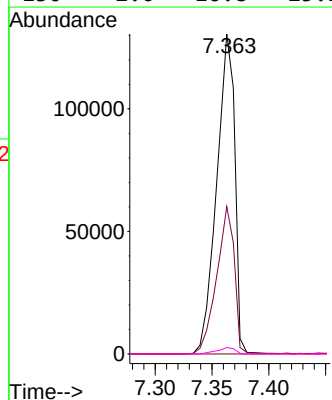
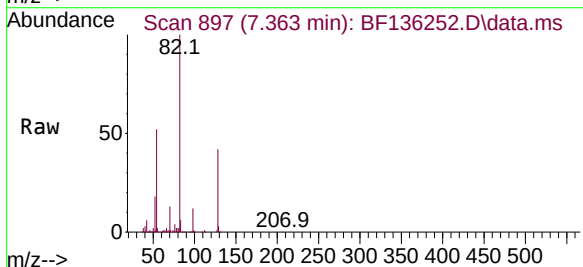
Instrument :
BNA_F
ClientSampleId :
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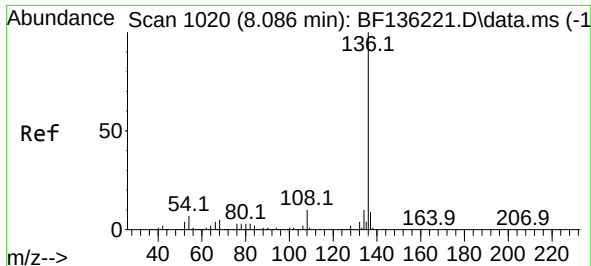
Tgt Ion: 99 Resp: 1775898
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.6
71 36.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.376 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

Tgt Ion: 70 Resp: 144808
Ion Ratio Lower Upper
70 100
42 46.1 47.0 70.4#
101 0.0 7.8 11.8#
130 2.0 16.8 25.2#

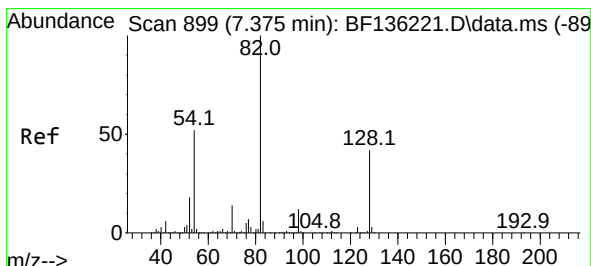
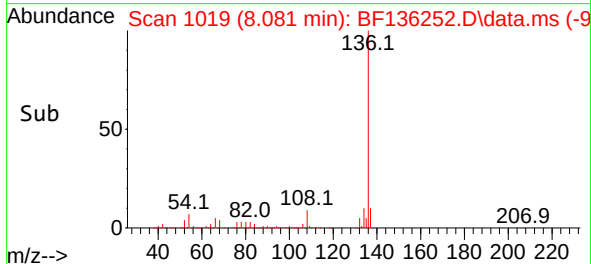
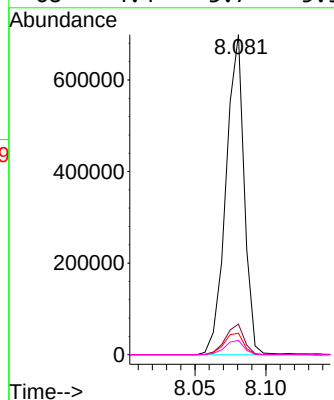
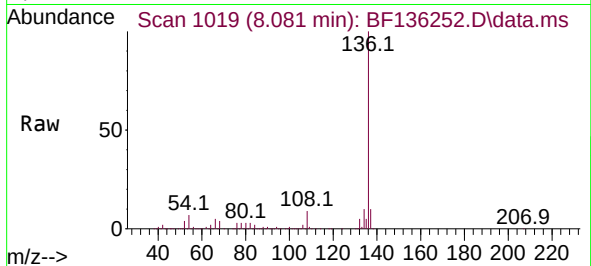




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

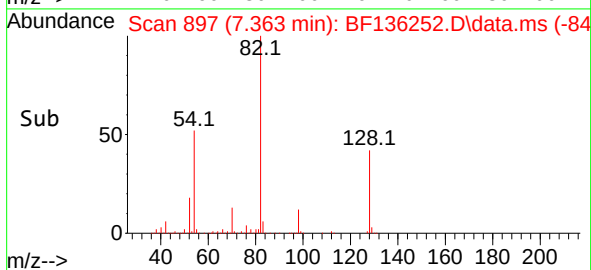
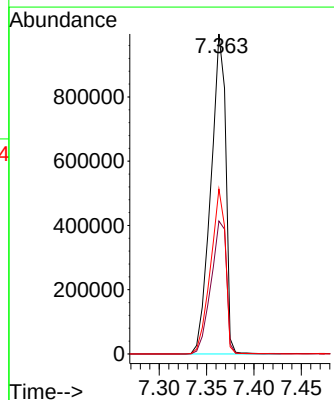
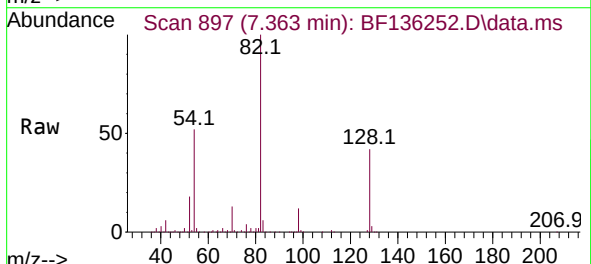
Instrument :
BNA_F
ClientSampleId :
PB157378BL

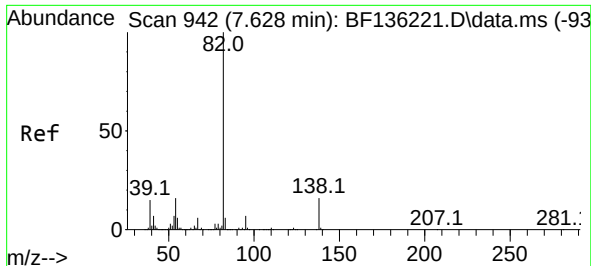
Tgt Ion:136 Resp: 622236
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.2
54 6.7 5.5 8.3
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 92.584 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

Tgt Ion: 82 Resp: 1090192
Ion Ratio Lower Upper
82 100
128 41.5 33.4 50.2
54 51.6 41.7 62.5

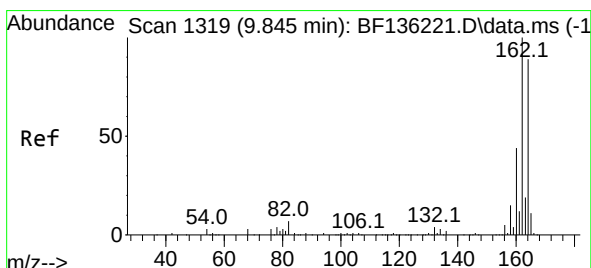
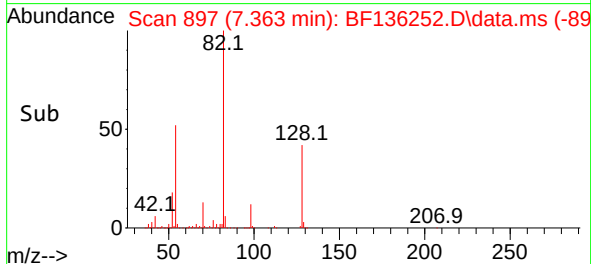
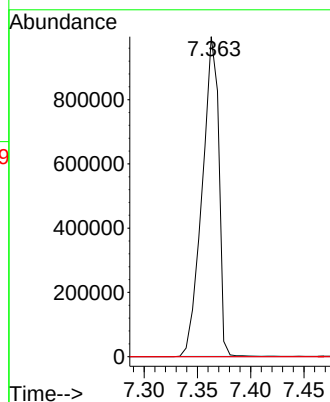
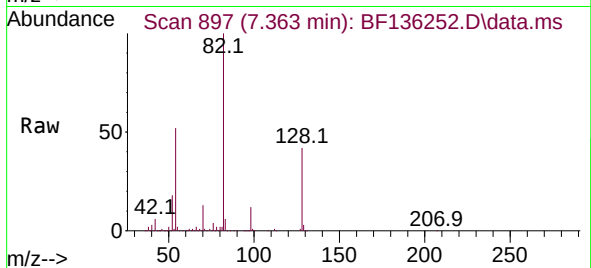




#25
Isophorone
Concen: 51.022 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

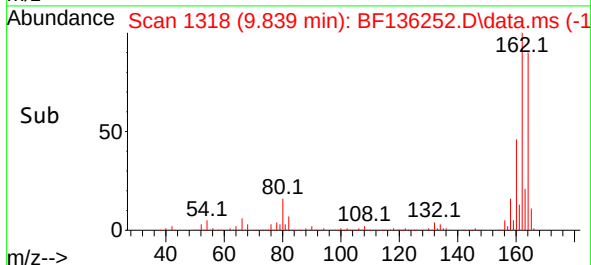
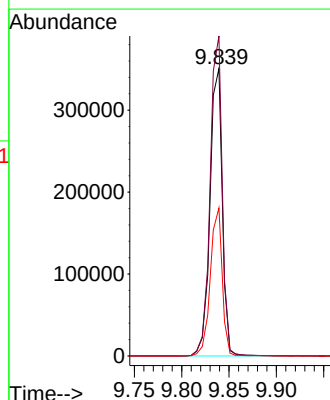
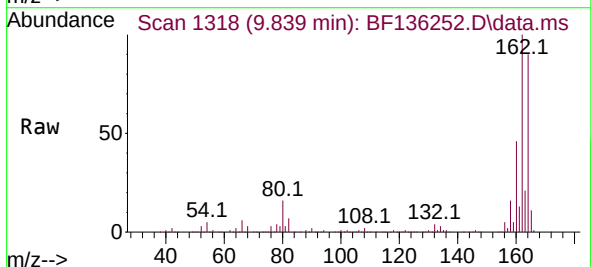
Instrument :
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ClientSampleId :
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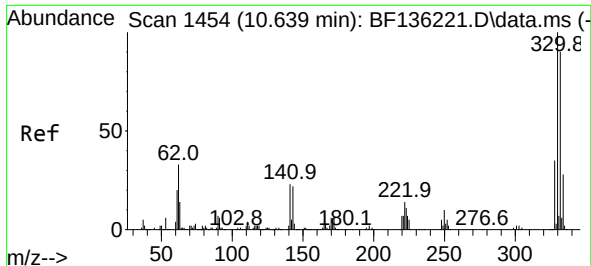
Tgt Ion: 82 Resp: 1083313
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

Tgt Ion:164 Resp: 316649
Ion Ratio Lower Upper
164 100
162 111.3 89.5 134.3
160 51.5 39.6 59.4

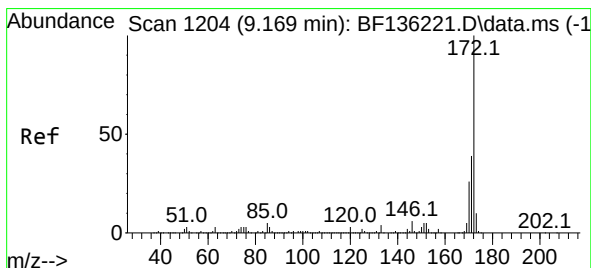
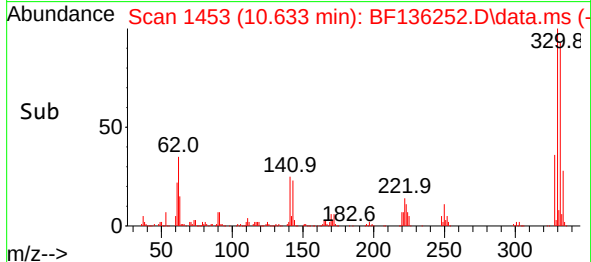
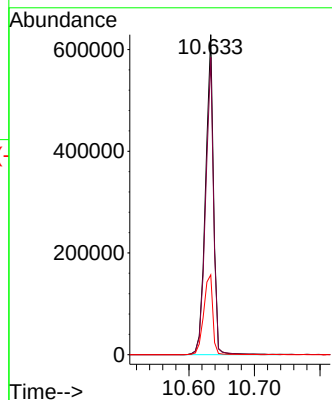
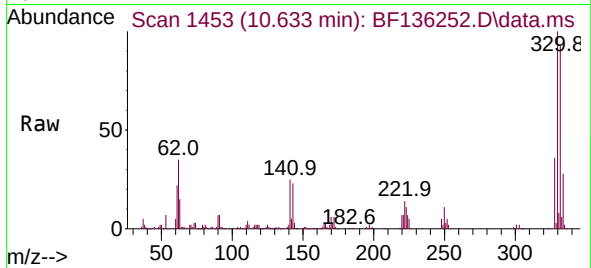




#42
2,4,6-Tribromophenol
Concen: 137.982 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

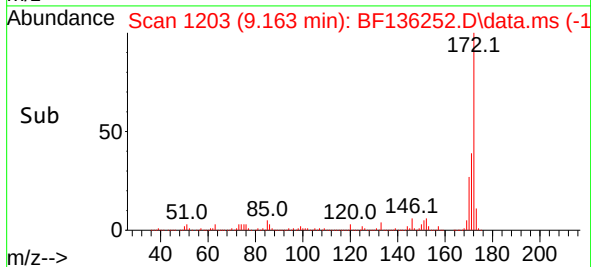
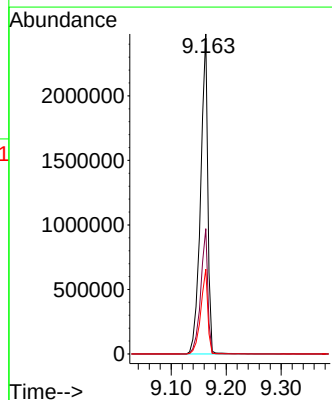
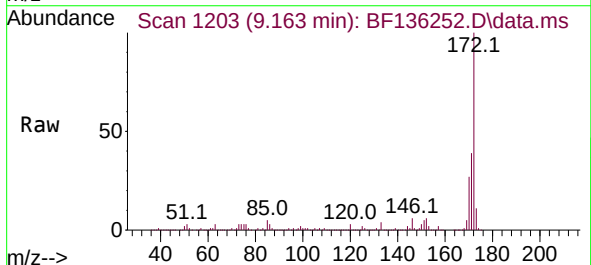
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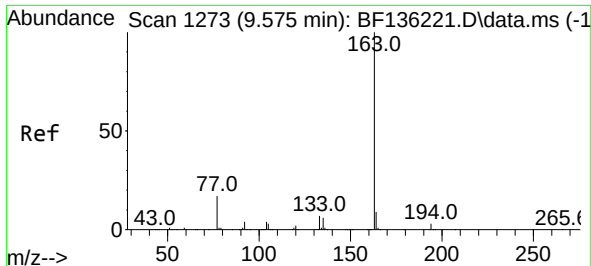
Tgt Ion:330 Resp: 534171
Ion Ratio Lower Upper
330 100
332 92.9 73.0 109.6
141 28.4 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 91.604 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

Tgt Ion:172 Resp: 2270891
Ion Ratio Lower Upper
172 100
171 39.2 31.5 47.3
170 26.5 20.8 31.2

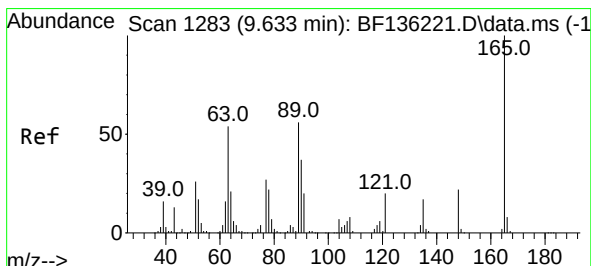
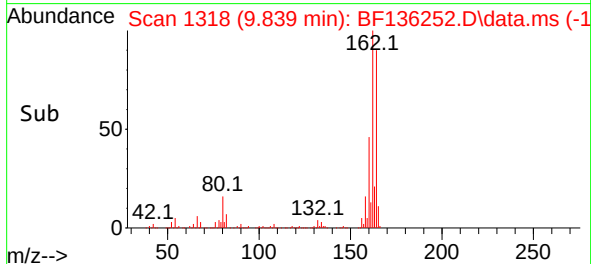
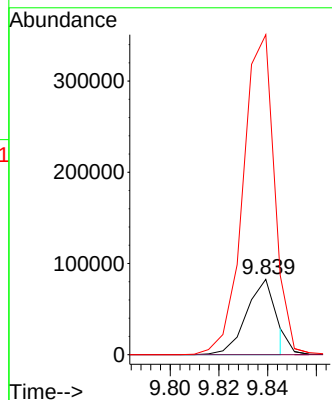
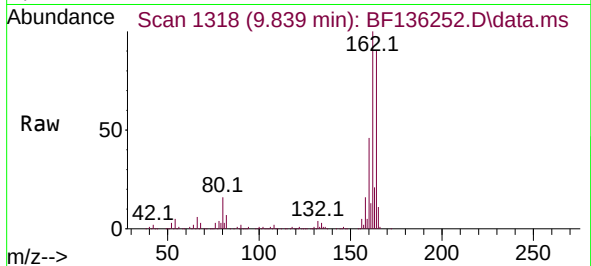




#50
Dimethylphthalate
Concen: 2.896 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

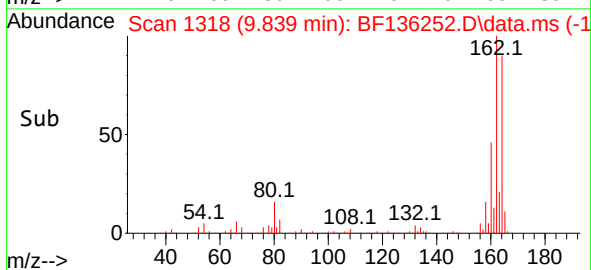
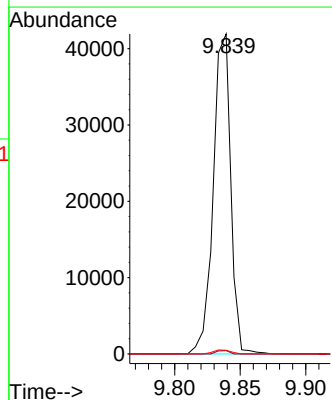
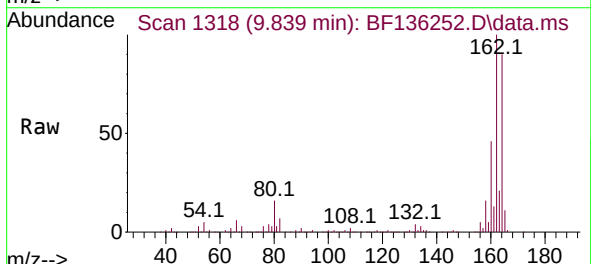
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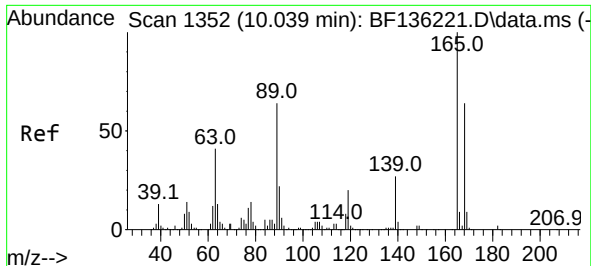
Tgt Ion:163 Resp: 69317
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 424.1 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.945 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

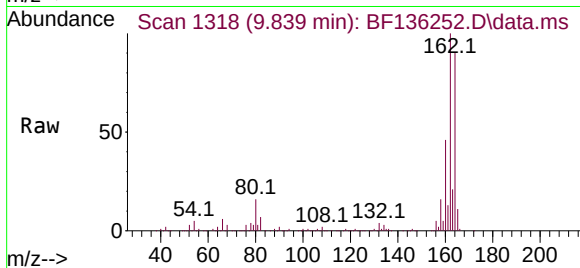
Tgt Ion:165 Resp: 38847
Ion Ratio Lower Upper
165 100
63 1.1 46.2 69.2#
89 1.1 44.9 67.3#



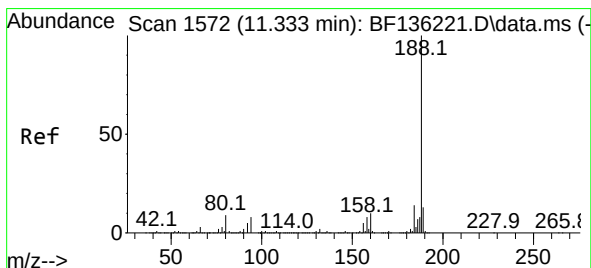
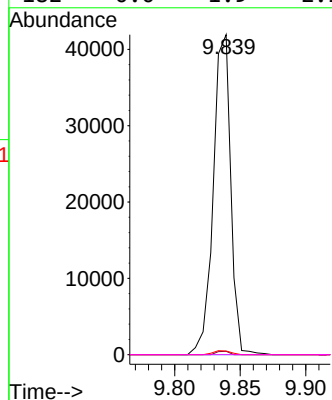
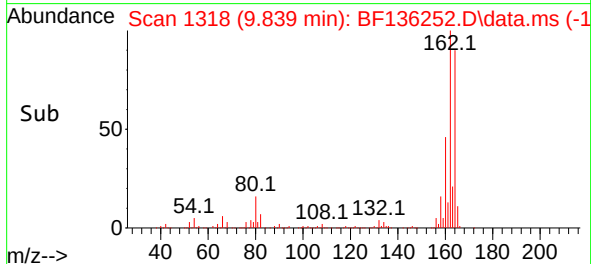


#57
2,4-Dinitrotoluene
Concen: 5.948 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

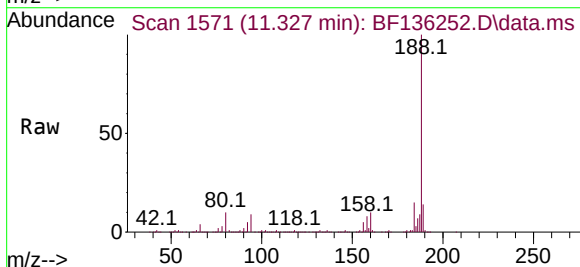
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BNA_F
ClientSampleId :
PB157378BL



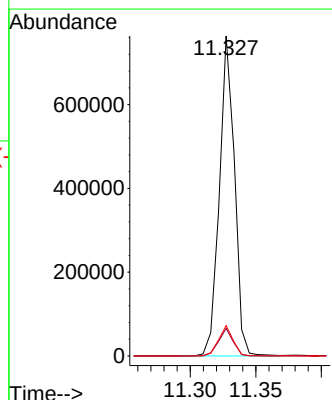
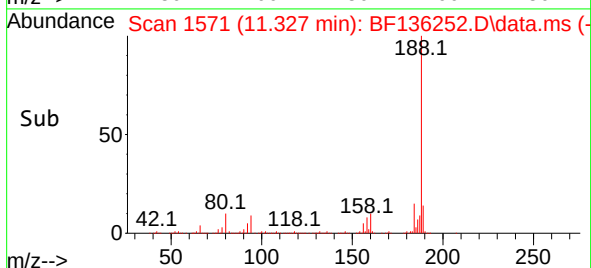
Tgt Ion:165 Resp: 38847
Ion Ratio Lower Upper
165 100
63 1.1 33.0 49.4#
89 1.1 51.5 77.3#
182 0.0 1.9 2.9#

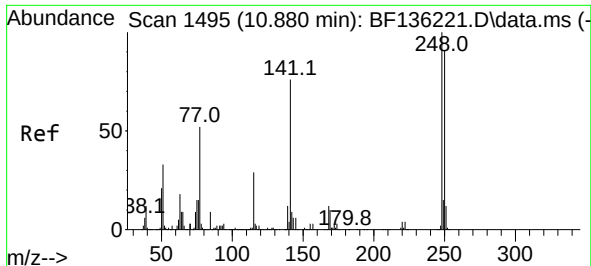


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44



Tgt Ion:188 Resp: 611222
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.5 7.2 10.8

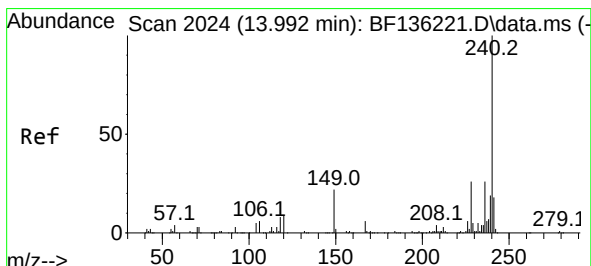
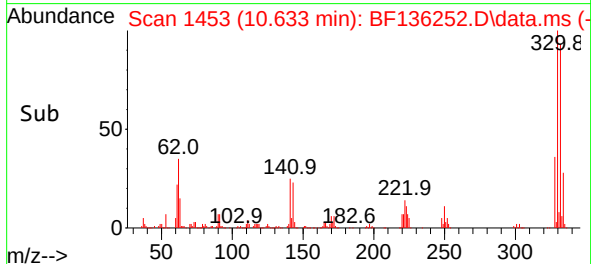
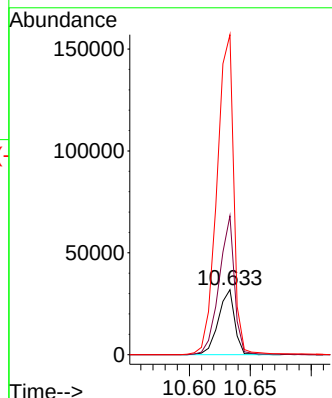
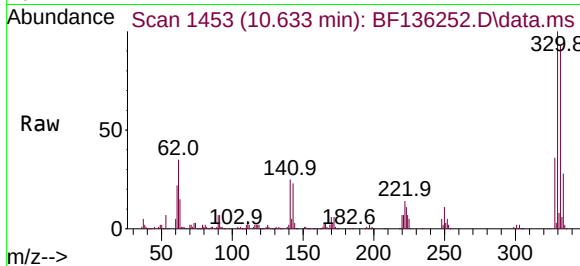




#67
4-Bromophenyl-phenylether
Concen: 4.185 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

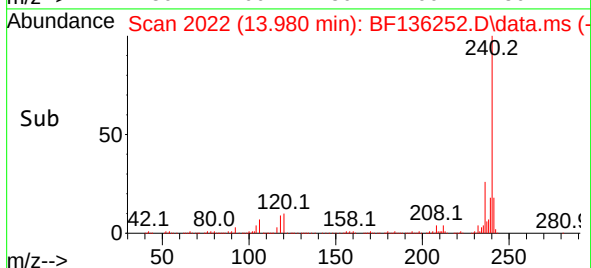
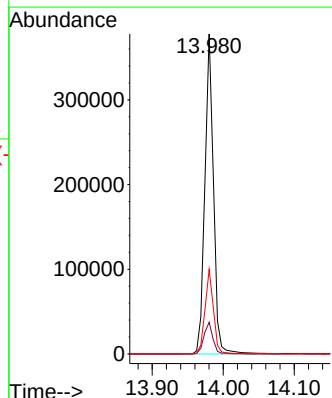
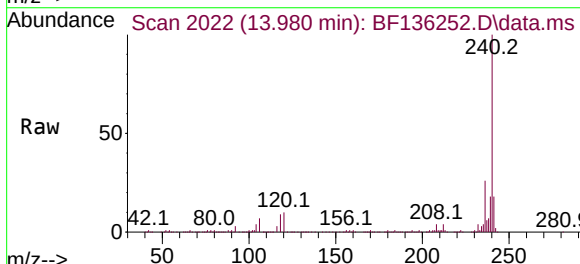
Instrument :
BNA_F
ClientSampleId :
PB157378BL

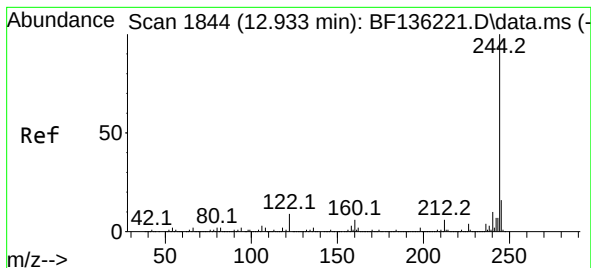
Tgt Ion:248 Resp: 29842
Ion Ratio Lower Upper
248 100
250 213.7 72.5 108.7#
141 492.5 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136252.D
Acq: 28 Nov 2023 16:44

Tgt Ion:240 Resp: 321395
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.2
236 26.5 21.1 31.7





#79

Terphenyl-d14

Concen: 93.445 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136252.D

Acq: 28 Nov 2023 16:44

Instrument :

BNA_F

ClientSampleId :

PB157378BL

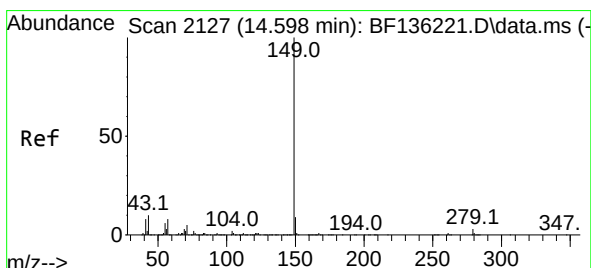
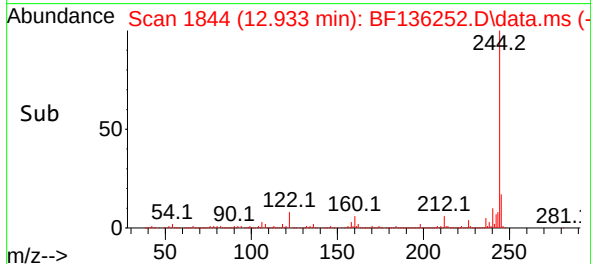
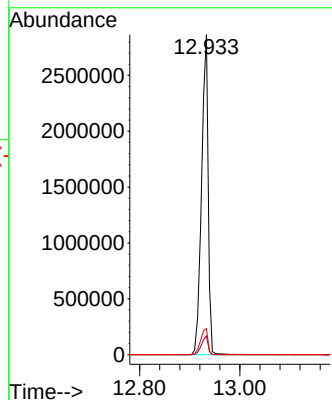
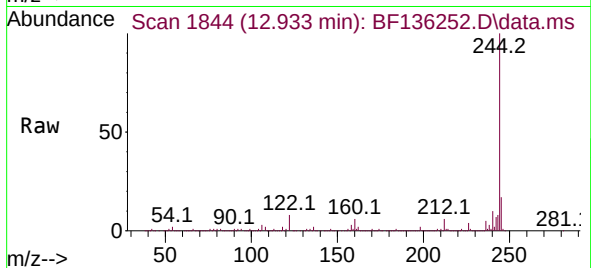
Tgt Ion:244 Resp: 2603641

Ion Ratio Lower Upper

244 100

212 5.8 4.6 7.0

122 8.2 7.3 10.9



#85

Di-n-octyl phthalate

Concen: 5.165 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.018 min

Lab File: BF136252.D

Acq: 28 Nov 2023 16:44

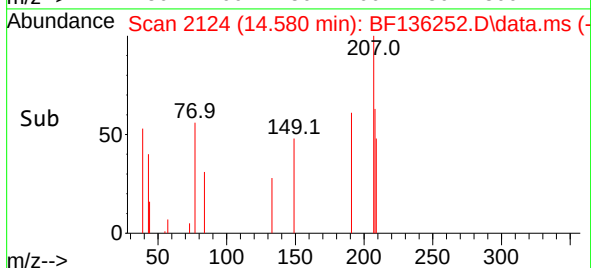
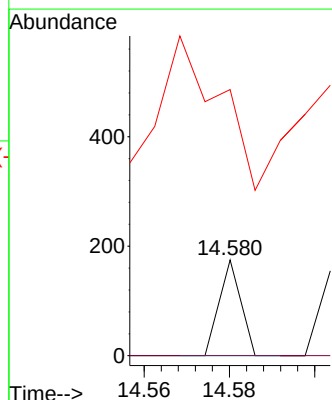
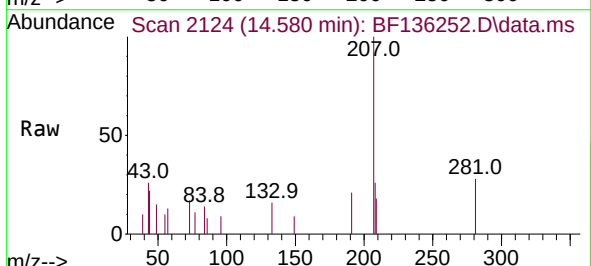
Tgt Ion:149 Resp: 62

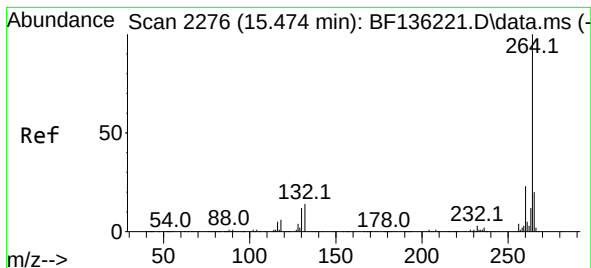
Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

43 424.2 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136252.D

Acq: 28 Nov 2023 16:44

Instrument :

BNA_F

ClientSampleId :

PB157378BL

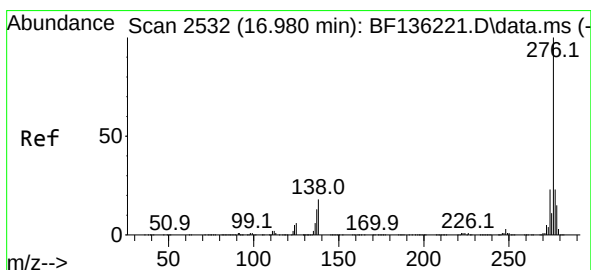
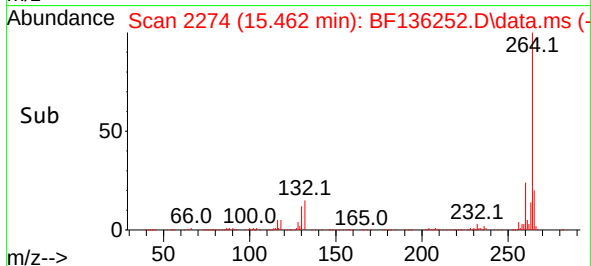
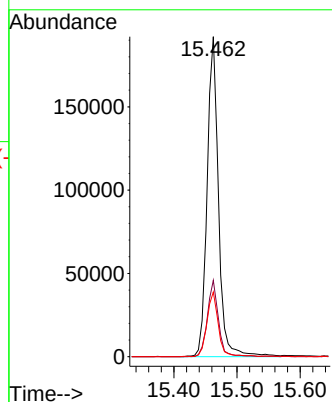
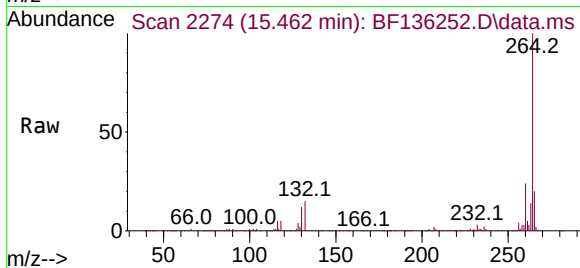
Tgt Ion:264 Resp: 241274

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 20.2 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.884 ng

RT: 16.921 min Scan# 2522

Delta R.T. -0.059 min

Lab File: BF136252.D

Acq: 28 Nov 2023 16:44

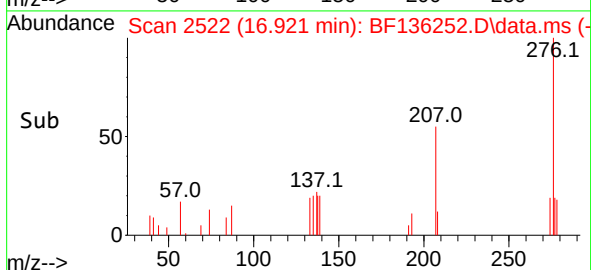
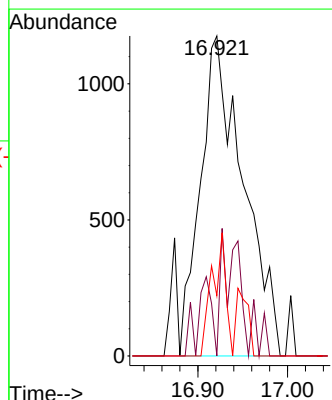
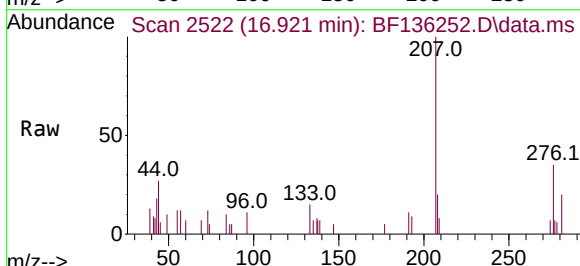
Tgt Ion:276 Resp: 3908

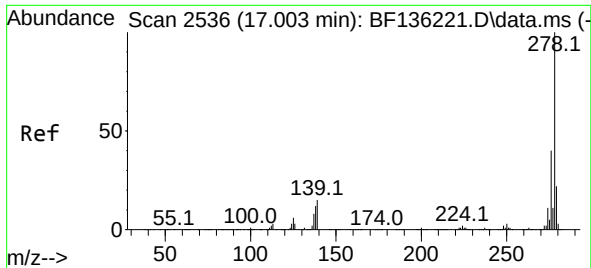
Ion Ratio Lower Upper

276 100

138 14.7 17.7 26.5#

277 12.2 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 2.739 ng
 RT: 16.998 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BF136252.D
 Acq: 28 Nov 2023 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB157378BL

Tgt Ion:	278	Resp:	385
Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	0.0	17.8	26.8#

