

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136339.D
 Acq On : 01 Dec 2023 15:53
 Operator : CG\JU
 Sample : PB157396BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157396BL

Quant Time: Dec 04 06:00:40 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)

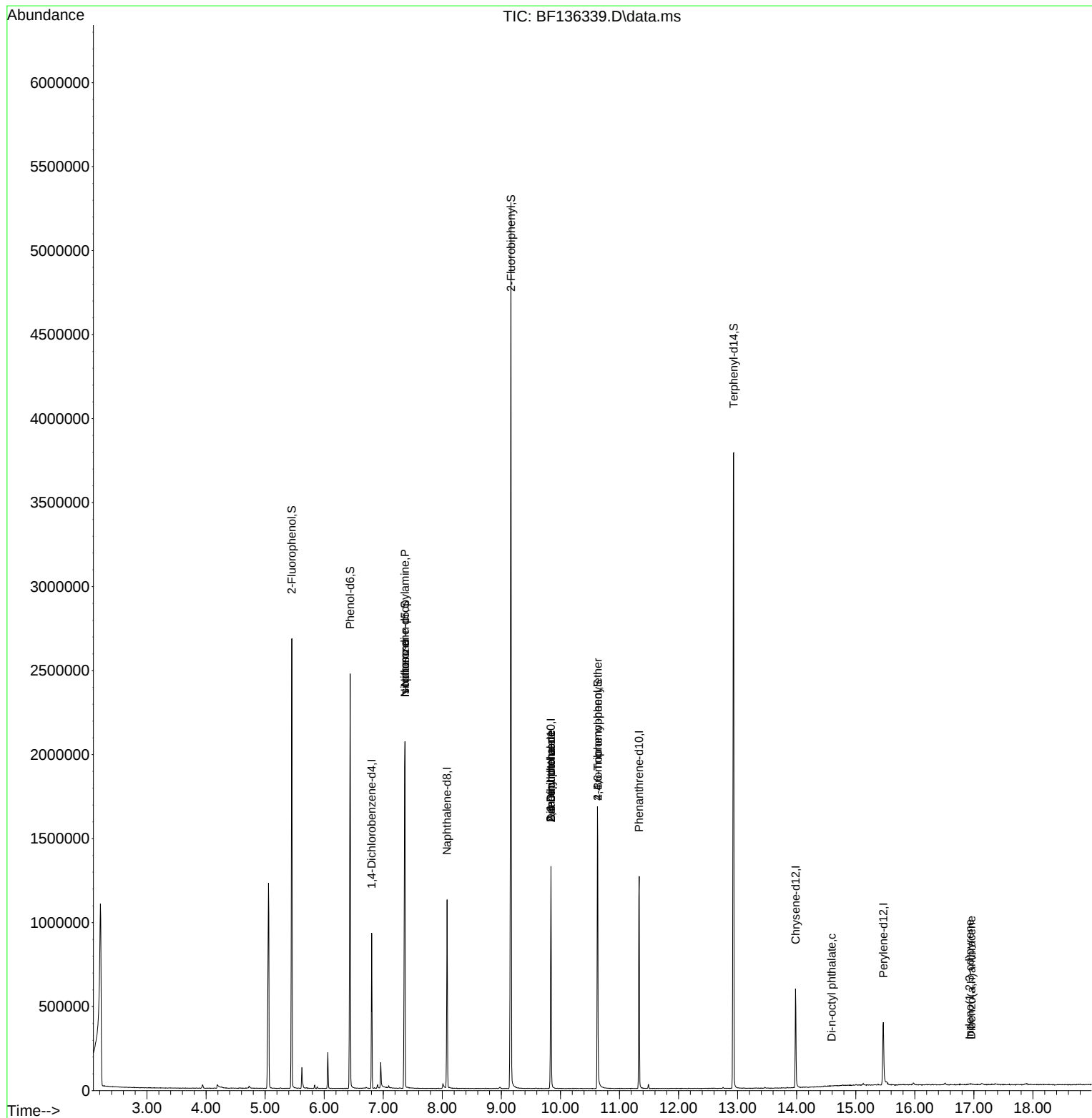
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	120435	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	504670	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	263007	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	477399	20.000	ng	0.00
76) Chrysene-d12	13.980	240	212188	20.000	ng	-0.01
86) Perylene-d12	15.468	264	214142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	708289	81.856	ng	0.01
7) Phenol-d6	6.439	99	863171	79.781	ng	0.00
23) Nitrobenzene-d5	7.369	82	780813	81.758	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	234894	73.051	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1658112	80.527	ng	0.00
79) Terphenyl-d14	12.933	244	1587484	86.298	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	105515	16.306	ng	# 73
25) Isophorone	7.369	82	779802	45.283	ng	# 68
50) Dimethylphthalate	9.839	163	53629	2.698	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	33326	8.206	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	33326	6.143	ng	# 27
67) 4-Bromophenyl-phenylether	10.633	248	13720	2.463	ng	# 1
85) Di-n-octyl phthalate	14.592	149	121	5.170	ng	# 78
87) Indeno(1,2,3-cd)pyrene	16.927	276	3992	2.915	ng	93
91) Dibenzo(a,h)anthracene	16.956	278	4956	3.077	ng	# 89

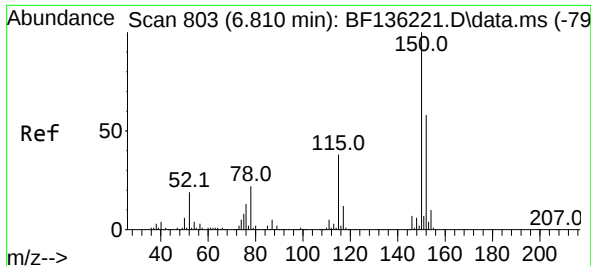
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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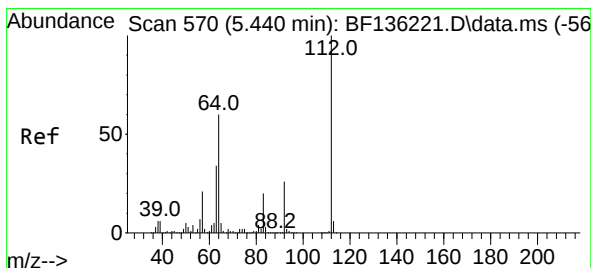
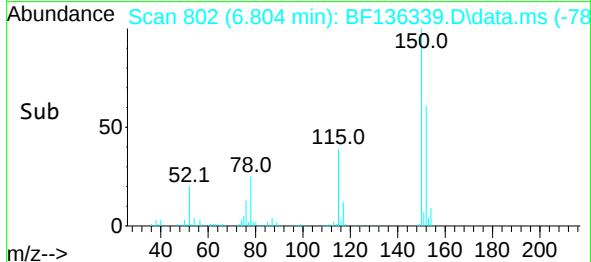
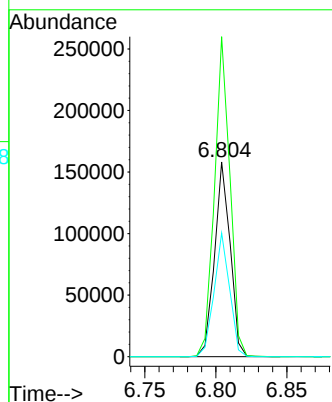
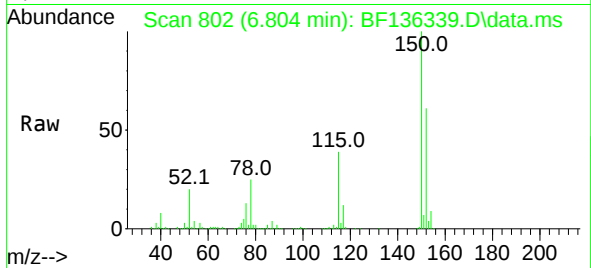




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

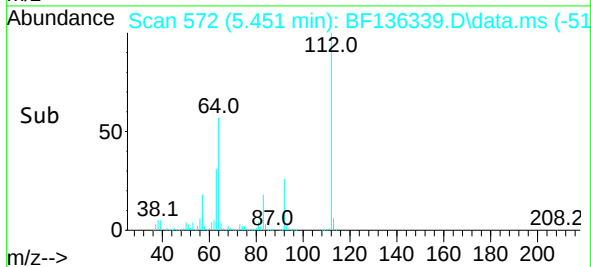
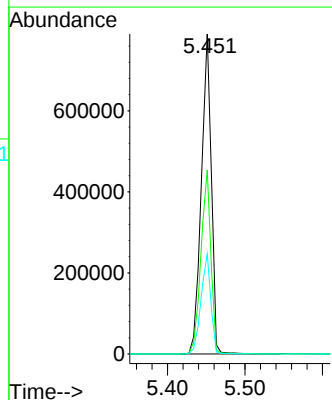
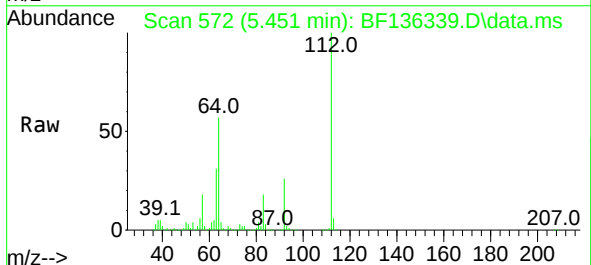
Instrument :
BNA_F
ClientSampleId :
PB157396BL

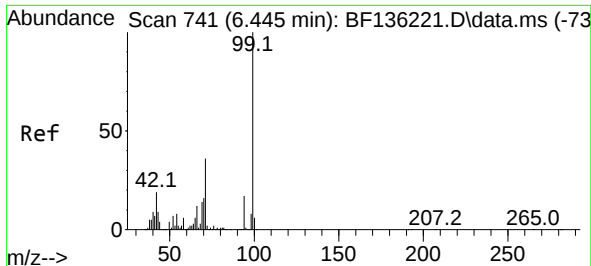
Tgt Ion:152 Resp: 120435
Ion Ratio Lower Upper
152 100
150 164.4 137.8 206.8
115 63.5 52.7 79.1



#5
2-Fluorophenol
Concen: 81.856 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

Tgt Ion:112 Resp: 708289
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.4
63 31.3 27.0 40.6

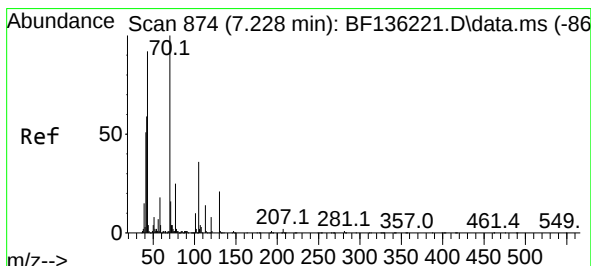
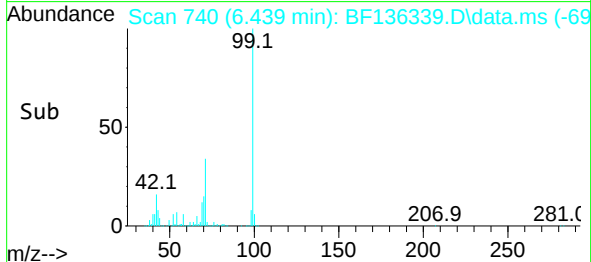
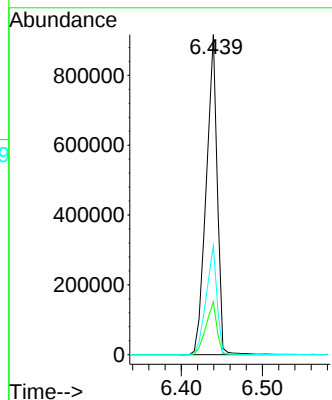
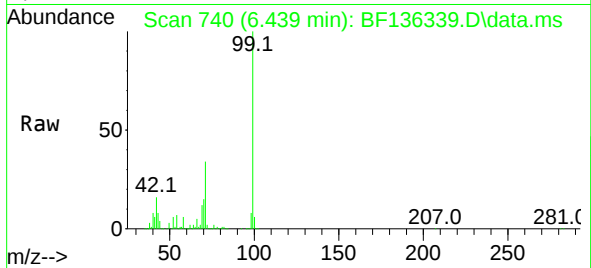




#7
Phenol-d6
Concen: 79.781 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

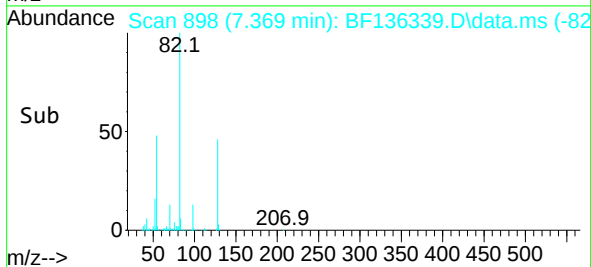
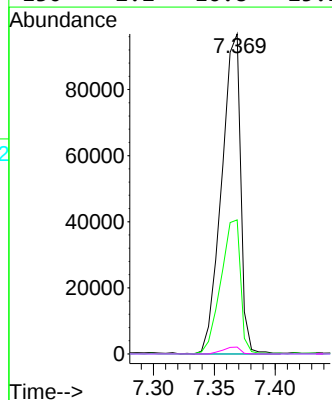
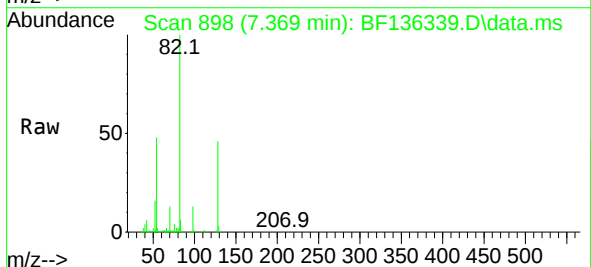
Instrument :
BNA_F
ClientSampleId :
PB157396BL

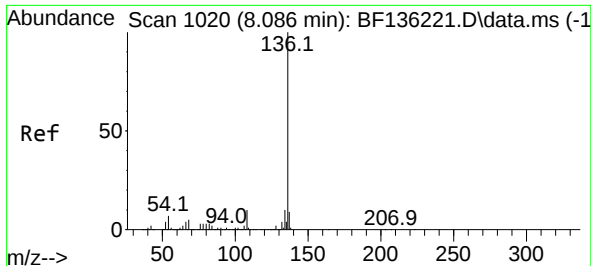
Tgt Ion: 99 Resp: 863171
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.6
71 34.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.306 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

Tgt Ion: 70 Resp: 105515
Ion Ratio Lower Upper
70 100
42 41.9 47.0 70.4#
101 0.0 7.8 11.8#
130 2.2 16.8 25.2#

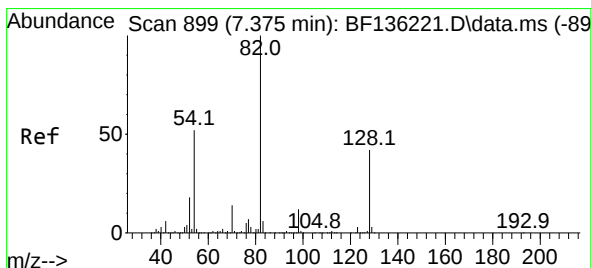
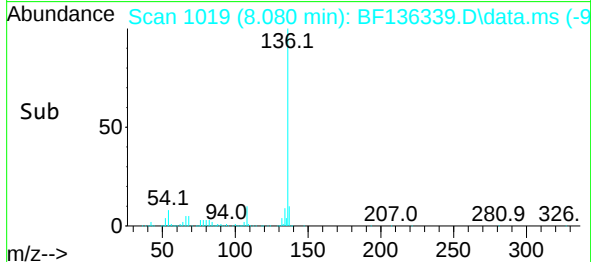
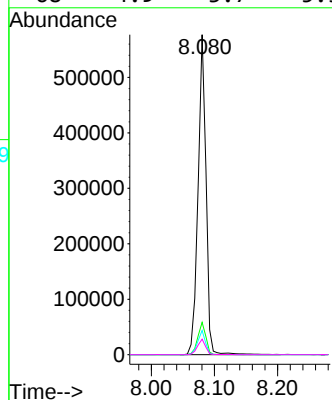
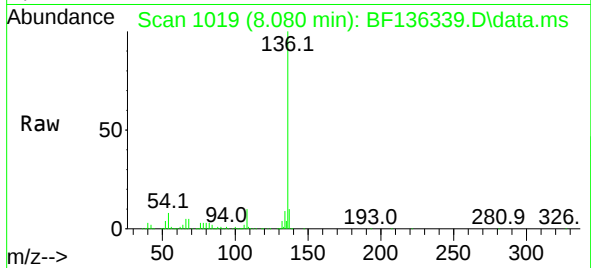




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

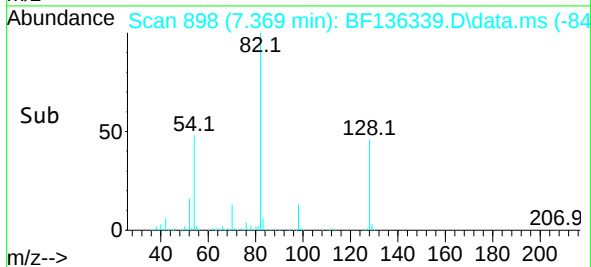
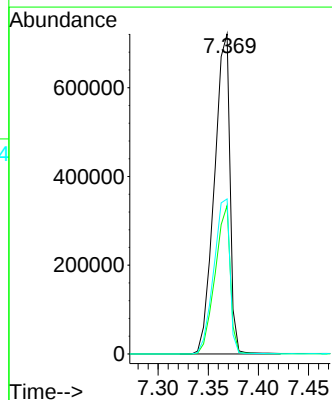
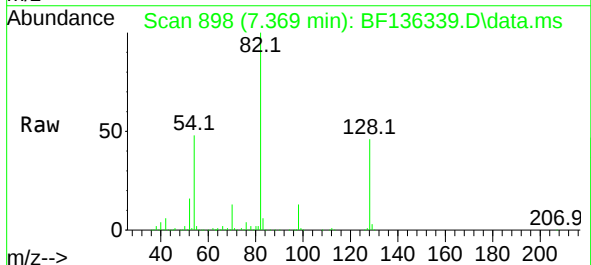
Instrument :
BNA_F
ClientSampleId :
PB157396BL

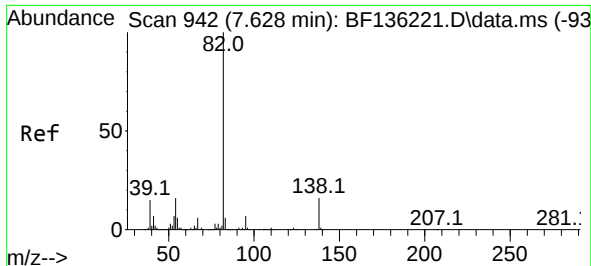
Tgt Ion:136 Resp: 504670
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 7.6 5.5 8.3
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 81.758 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

Tgt Ion: 82 Resp: 780813
Ion Ratio Lower Upper
82 100
128 46.3 33.4 50.2
54 48.5 41.7 62.5

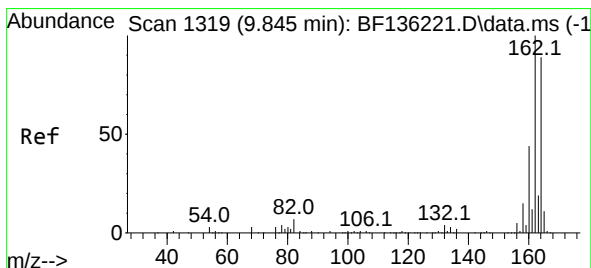
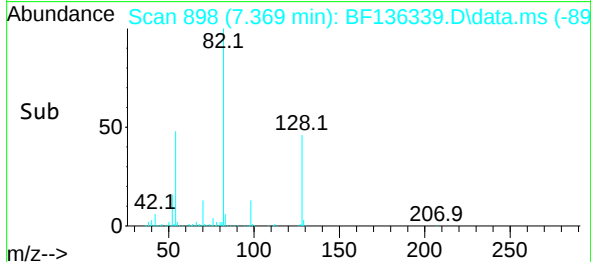
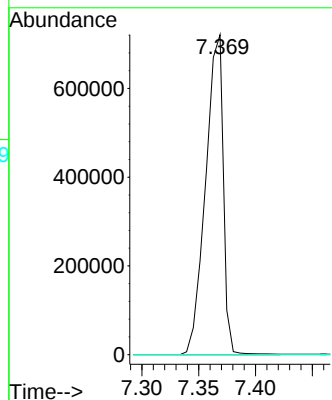
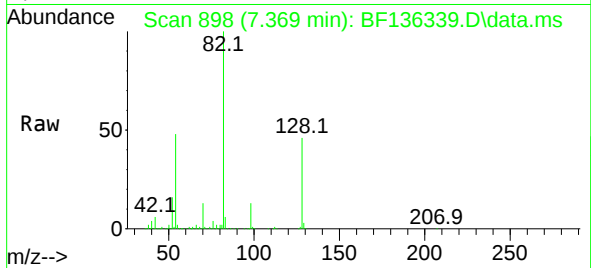




#25
Isophorone
Concen: 45.283 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

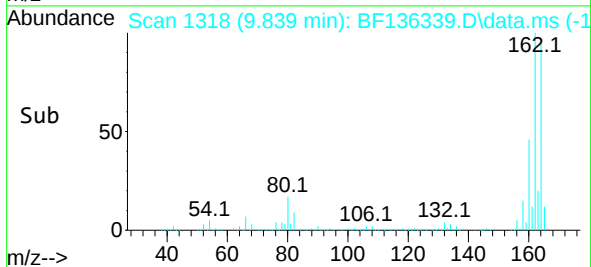
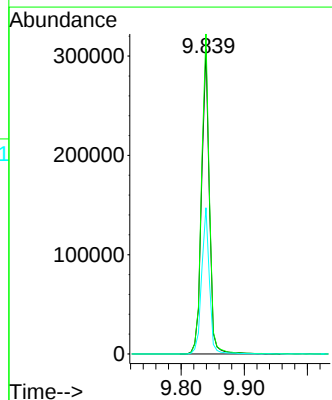
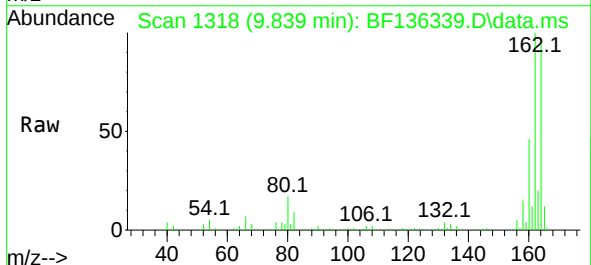
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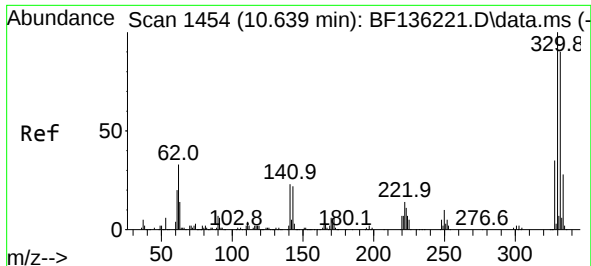
Tgt Ion: 82 Resp: 779802
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

Tgt Ion: 164 Resp: 263007
Ion Ratio Lower Upper
164 100
162 105.0 89.5 134.3
160 48.0 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 73.051 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136339.D

Acq: 01 Dec 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB157396BL

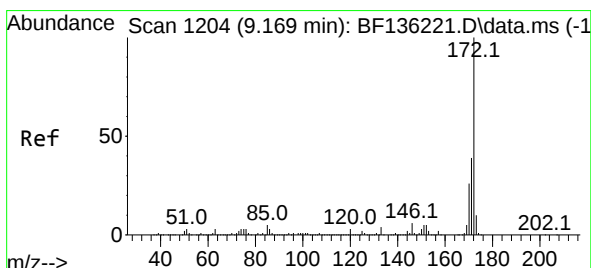
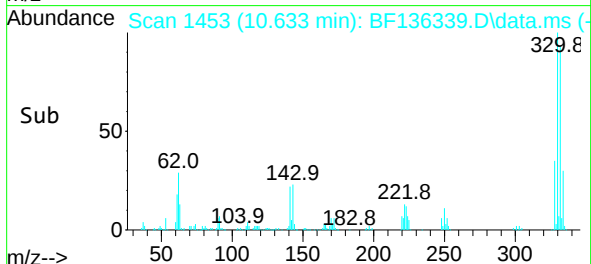
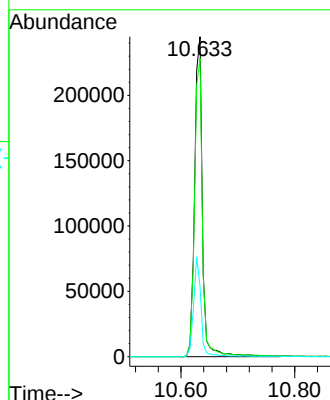
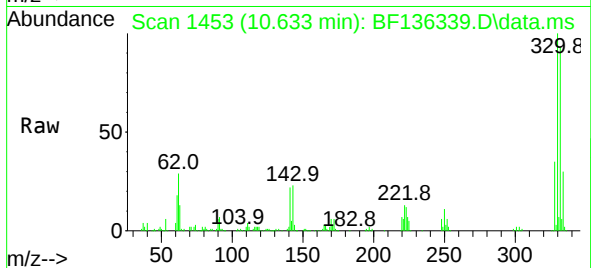
Tgt Ion:330 Resp: 234894

Ion Ratio Lower Upper

330 100

332 94.8 73.0 109.6

141 29.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 80.527 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136339.D

Acq: 01 Dec 2023 15:53

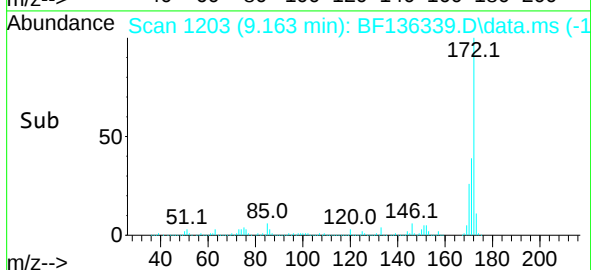
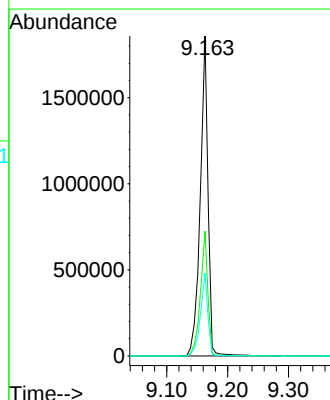
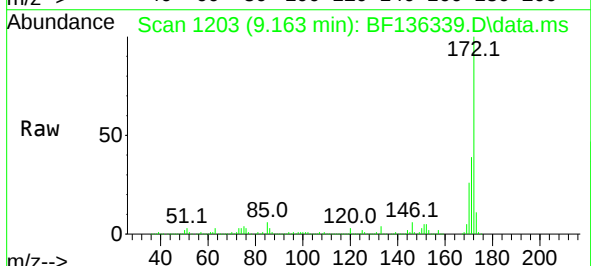
Tgt Ion:172 Resp: 1658112

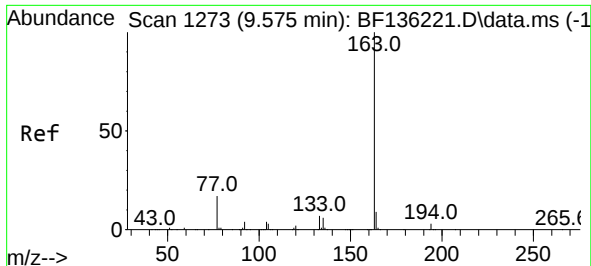
Ion Ratio Lower Upper

172 100

171 39.0 31.5 47.3

170 25.9 20.8 31.2

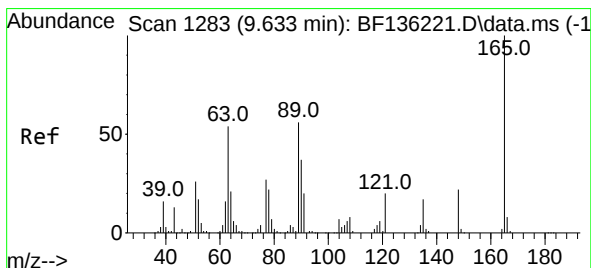
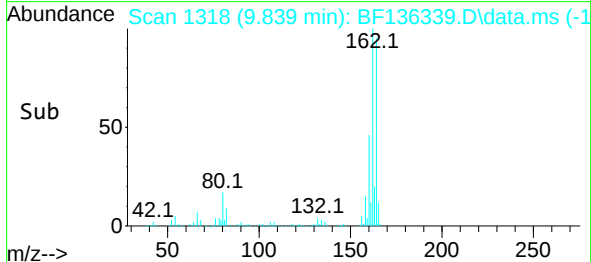
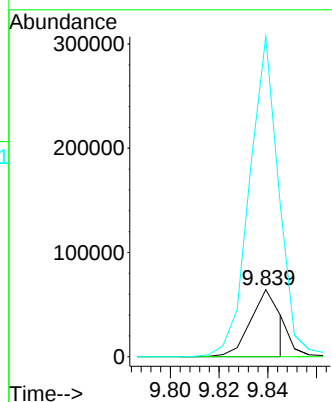
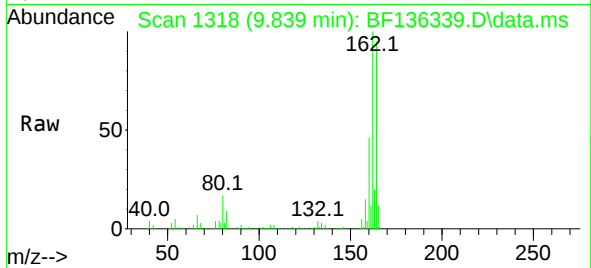




#50
Dimethylphthalate
Concen: 2.698 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

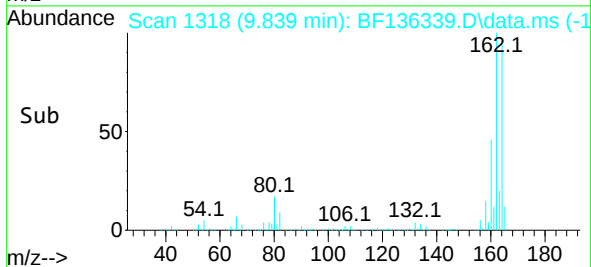
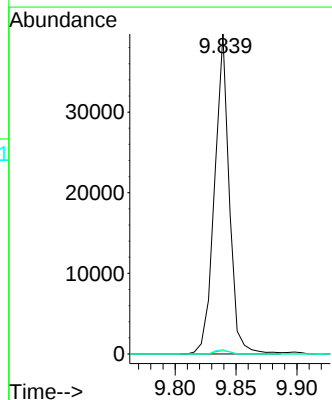
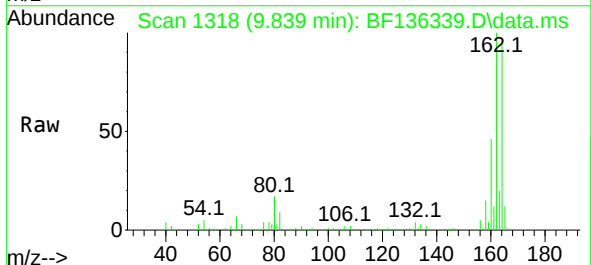
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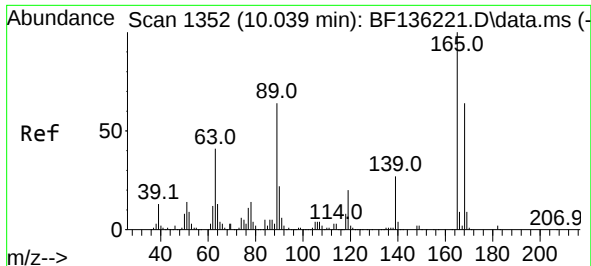
Tgt Ion:163 Resp: 53629
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 477.1 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.206 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

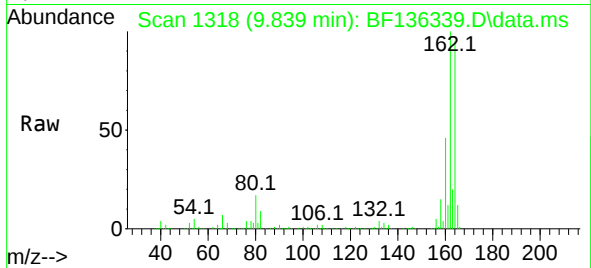
Tgt Ion:165 Resp: 33326
Ion Ratio Lower Upper
165 100
63 1.0 46.2 69.2#
89 1.3 44.9 67.3#



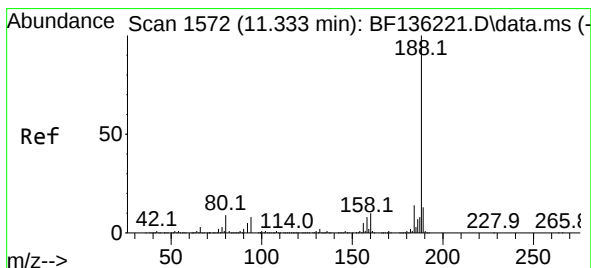
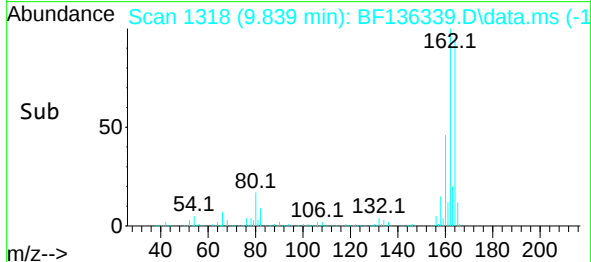
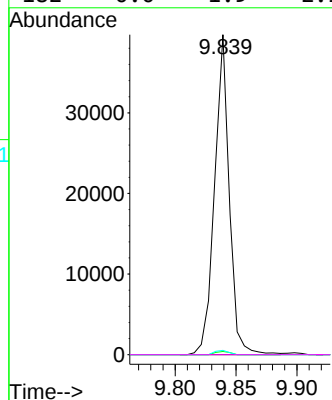


#57
2,4-Dinitrotoluene
Concen: 6.143 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

Instrument :
BNA_F
ClientSampleId :
PB157396BL

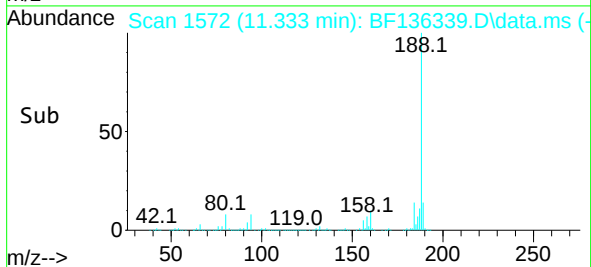
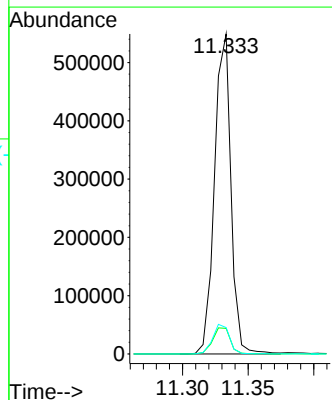
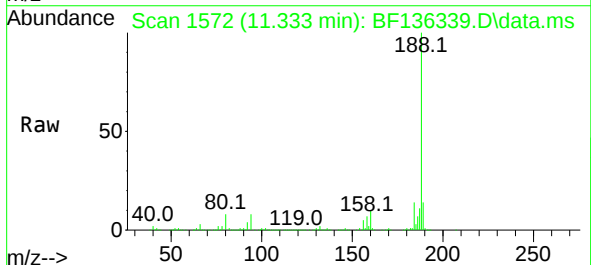


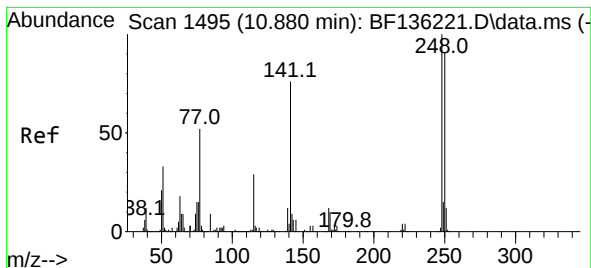
Tgt Ion:165 Resp: 33326
Ion Ratio Lower Upper
165 100
63 1.0 33.0 49.4#
89 1.3 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

Tgt Ion:188 Resp: 477399
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.2 7.2 10.8

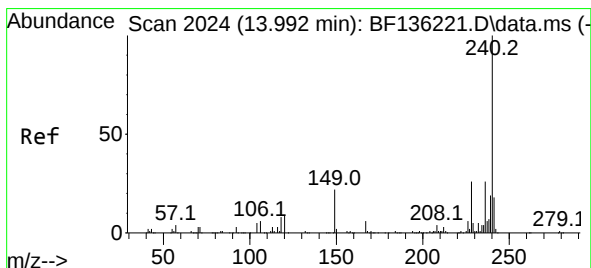
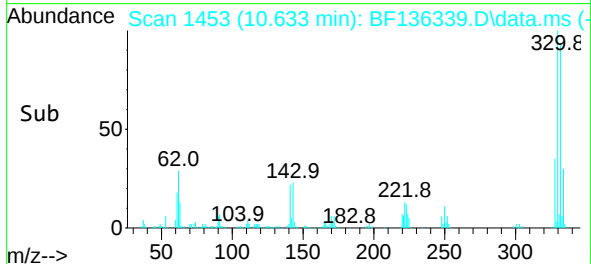
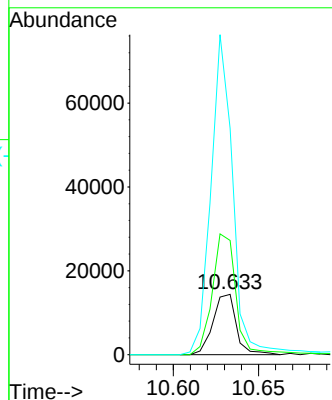
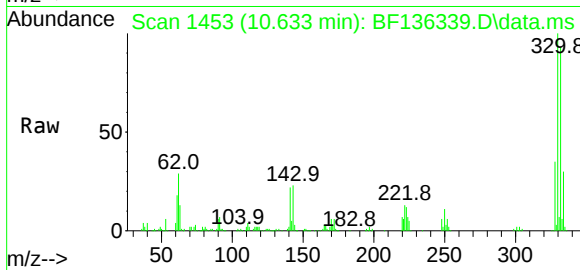




#67
4-Bromophenyl-phenylether
Concen: 2.463 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

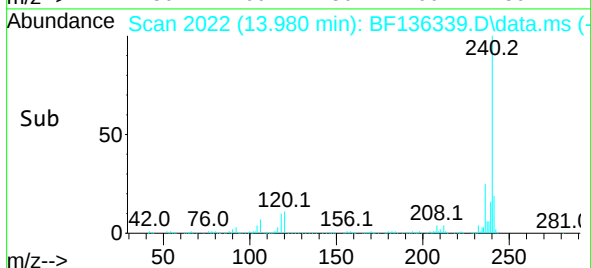
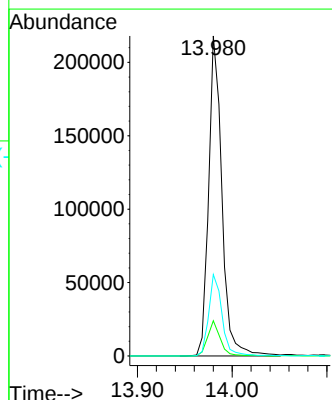
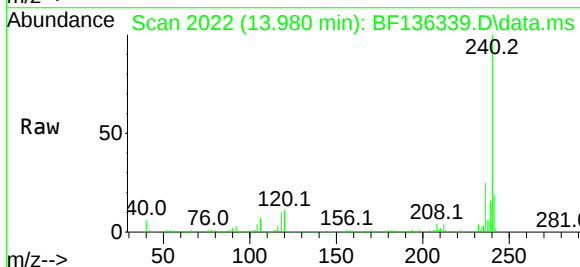
Instrument :
BNA_F
ClientSampleId :
PB157396BL

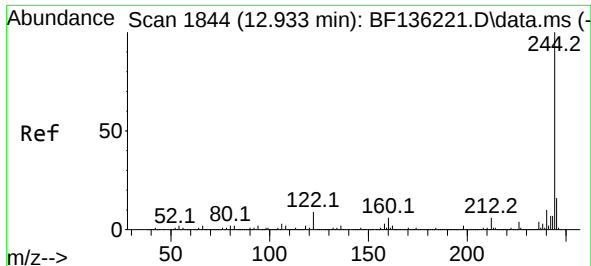
Tgt Ion:248 Resp: 13720
Ion Ratio Lower Upper
248 100
250 189.3 72.5 108.7#
141 374.4 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136339.D
Acq: 01 Dec 2023 15:53

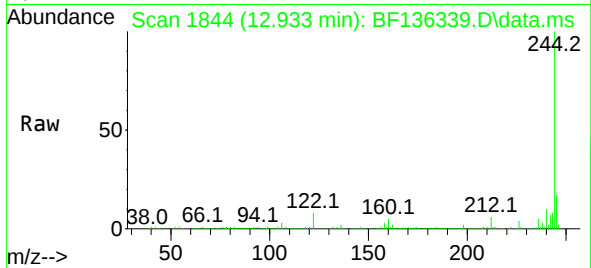
Tgt Ion:240 Resp: 212188
Ion Ratio Lower Upper
240 100
120 11.0 7.4 11.2
236 25.5 21.1 31.7



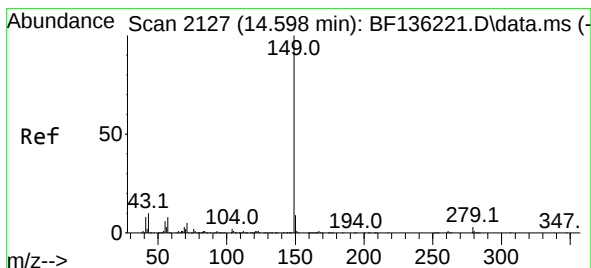
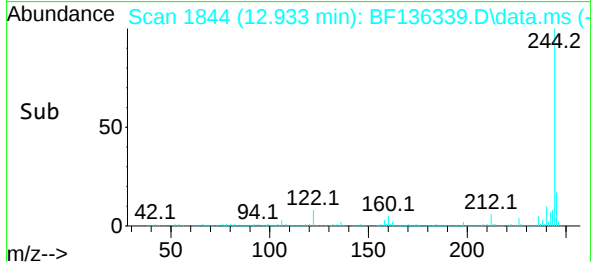
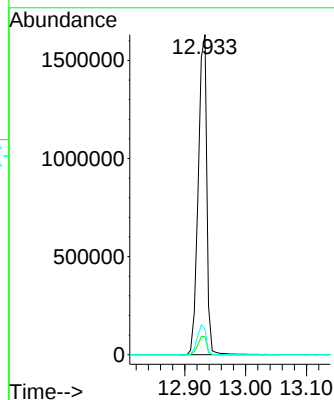


#79
 Terphenyl-d14
 Concen: 86.298 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136339.D
 Acq: 01 Dec 2023 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB157396BL

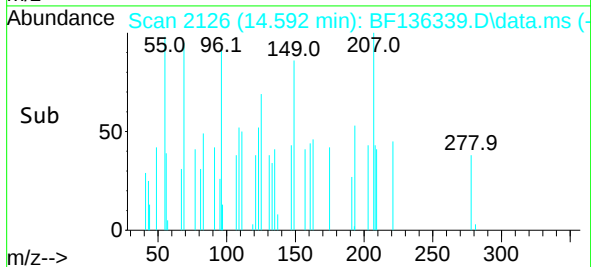
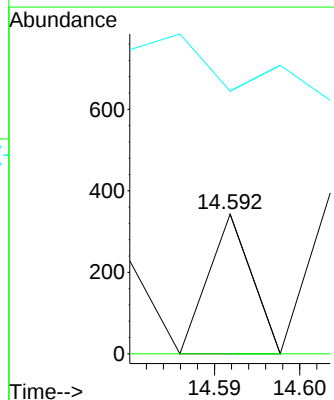
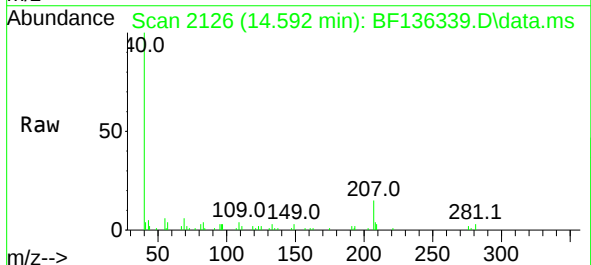


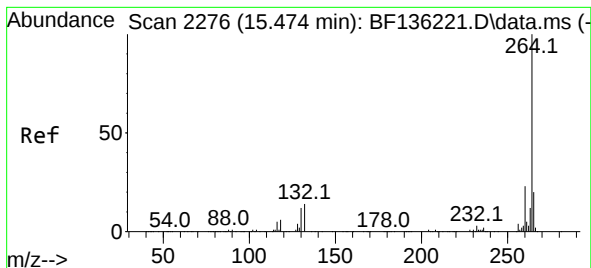
Tgt Ion:244 Resp: 1587484
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 7.8 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.170 ng
 RT: 14.592 min Scan# 2126
 Delta R.T. -0.006 min
 Lab File: BF136339.D
 Acq: 01 Dec 2023 15:53

Tgt Ion:149 Resp: 121
 Ion Ratio Lower Upper
 149 100
 167 0.0 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: BF136339.D

Acq: 01 Dec 2023 15:53

Instrument :

BNA_F

ClientSampleId :

PB157396BL

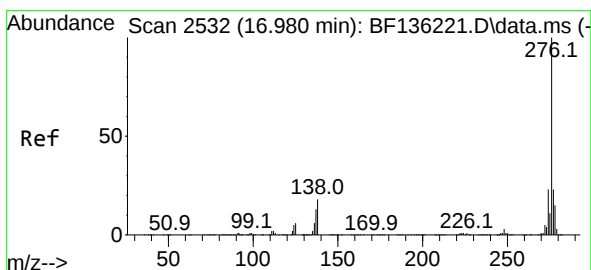
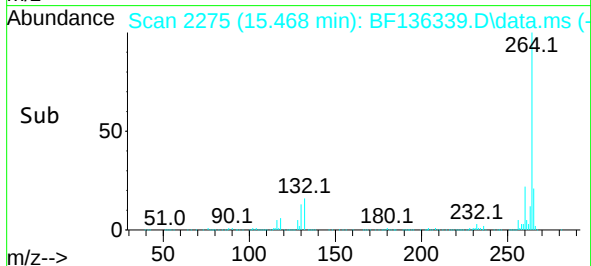
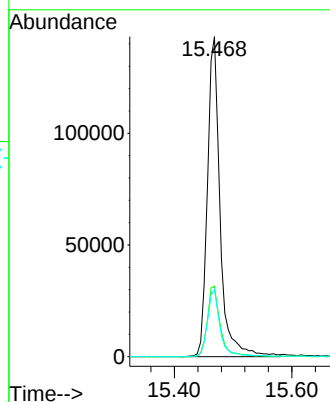
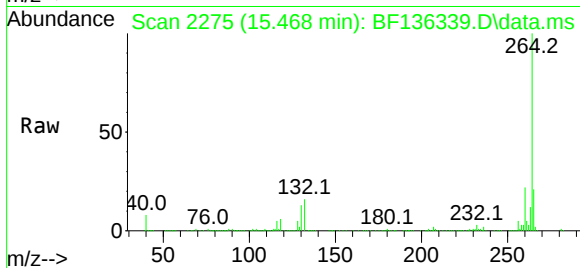
Tgt Ion:264 Resp: 214142

Ion Ratio Lower Upper

264 100

260 22.0 18.6 27.8

265 21.0 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.915 ng

RT: 16.927 min Scan# 2523

Delta R.T. -0.053 min

Lab File: BF136339.D

Acq: 01 Dec 2023 15:53

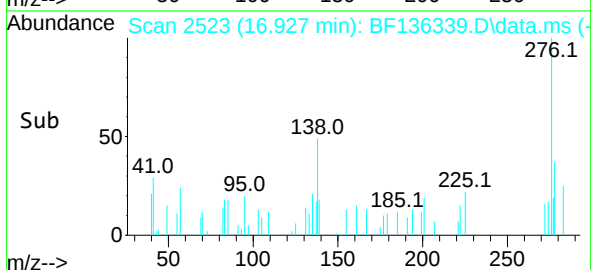
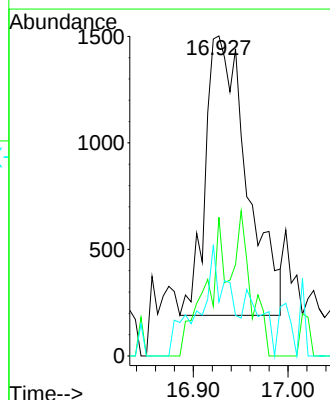
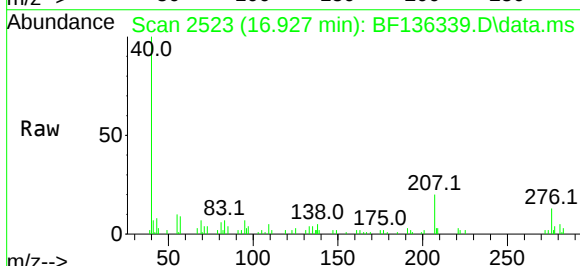
Tgt Ion:276 Resp: 3992

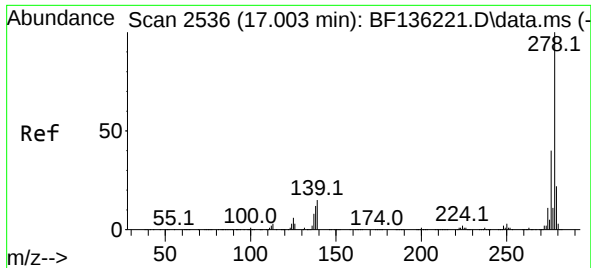
Ion Ratio Lower Upper

276 100

138 24.9 17.7 26.5

277 28.1 19.6 29.4





#91
 Dibenzo(a,h)anthracene
 Concen: 3.077 ng
 RT: 16.956 min Scan# 21
 Delta R.T. -0.047 min
 Lab File: BF136339.D
 Acq: 01 Dec 2023 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB157396BL

Tgt Ion:278 Resp: 4956
 Ion Ratio Lower Upper
 278 100
 139 25.2 11.7 17.5#
 279 22.0 17.8 26.8

