

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136353.D
 Acq On : 02 Dec 2023 00:38
 Operator : CG\JU
 Sample : PB157389BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157389BL

Quant Time: Dec 02 03:29:49 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)

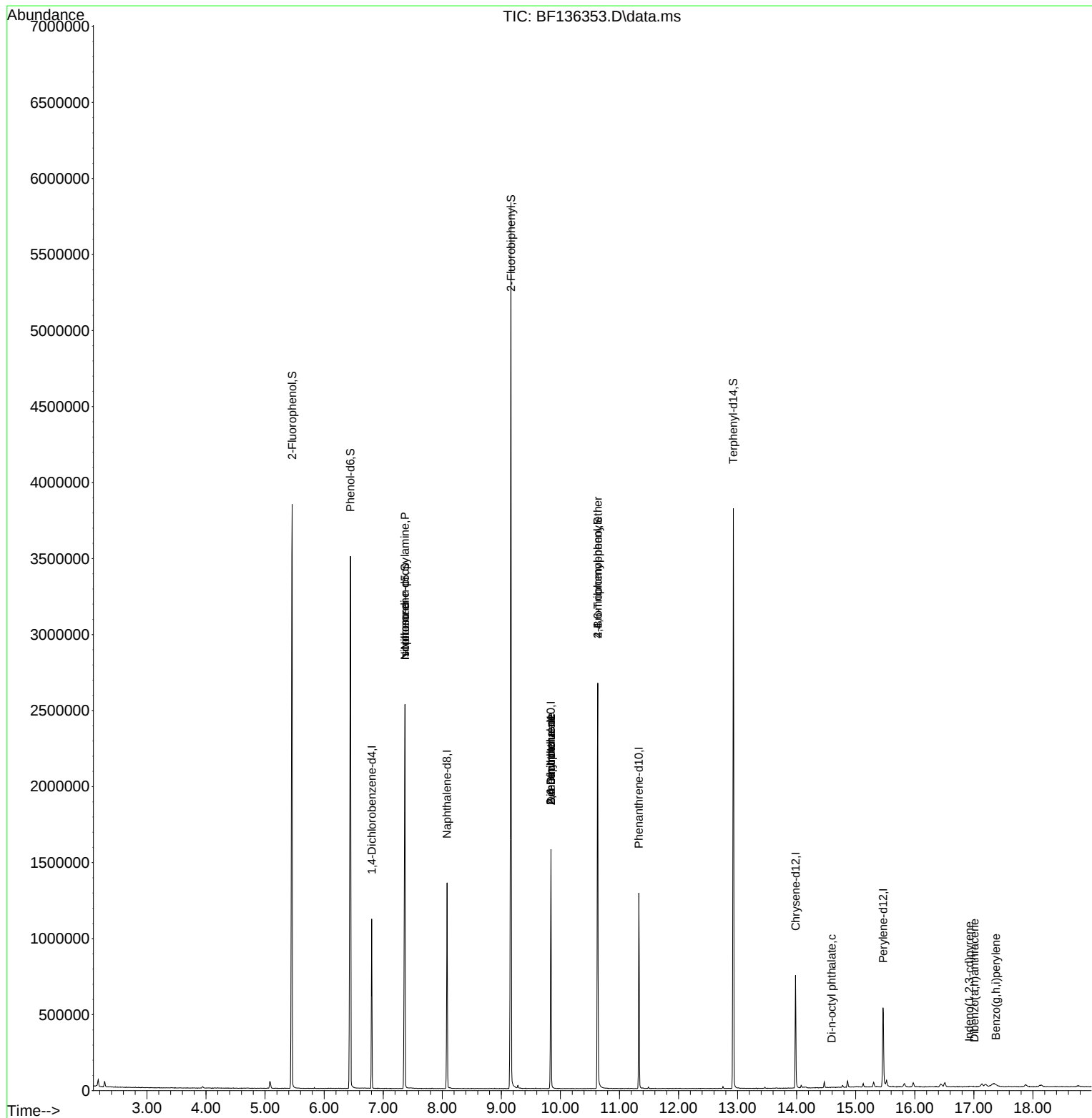
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	146620	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	599786	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	292635	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	453223	20.000	ng	0.00
76) Chrysene-d12	13.980	240	254273	20.000	ng	-0.01
86) Perylene-d12	15.463	264	274294	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1243812	118.074	ng	0.02
7) Phenol-d6	6.446	99	1510177	114.654	ng	0.00
23) Nitrobenzene-d5	7.369	82	917379	80.824	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	363179	101.512	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1842963	80.442	ng	0.00
79) Terphenyl-d14	12.927	244	1409321	63.933	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	120371	15.280	ng	# 72
25) Isophorone	7.369	82	915895	44.752	ng	# 68
50) Dimethylphthalate	9.839	163	60444	2.733	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	36618	8.104	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	36618	6.067	ng	# 28
67) 4-Bromophenyl-phenylether	10.633	248	21412	4.050	ng	# 1
85) Di-n-octyl phthalate	14.592	149	826	5.206	ng	# 64
87) Indeno(1,2,3-cd)pyrene	16.921	276	1830	2.763	ng	# 92
91) Dibenzo(a,h)anthracene	17.010	278	831	2.761	ng	# 58
92) Benzo(g,h,i)perylene	17.374	276	3572	2.108	ng	# 81

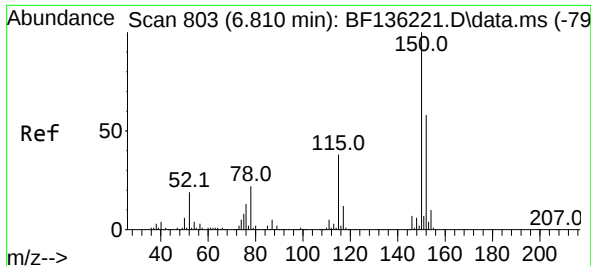
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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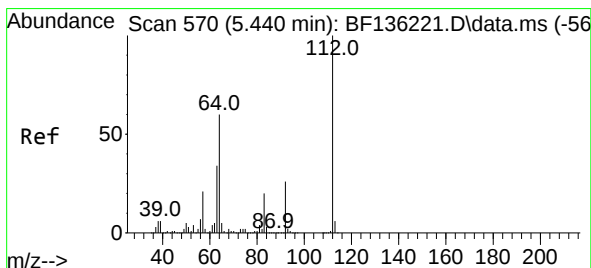
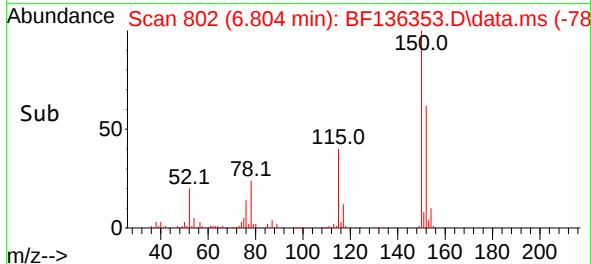
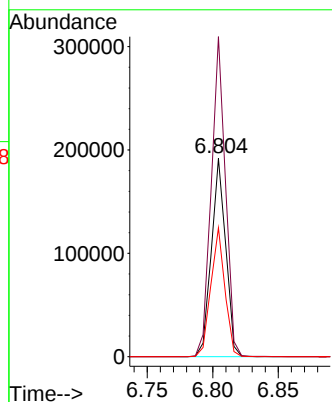
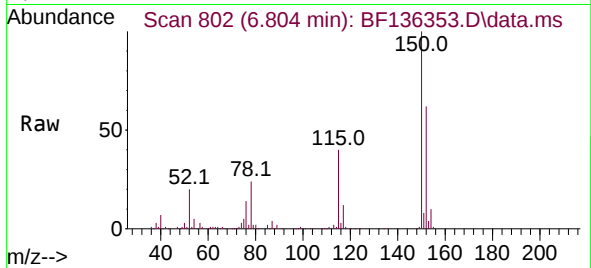




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

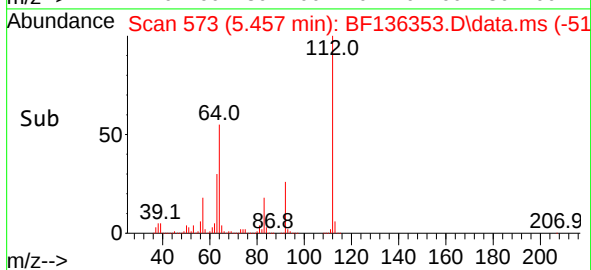
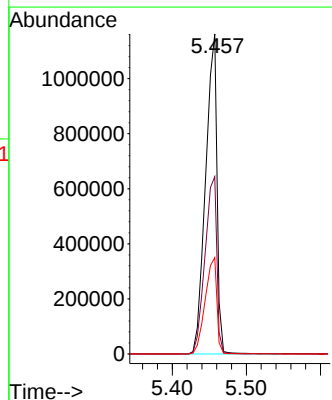
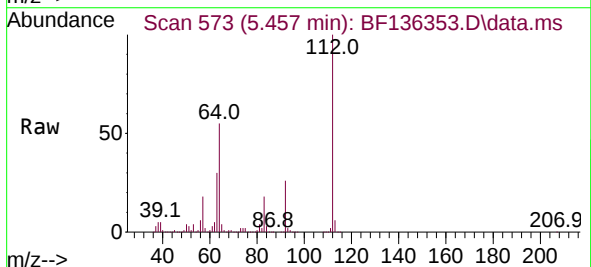
Instrument :
BNA_F
ClientSampleId :
PB157389BL

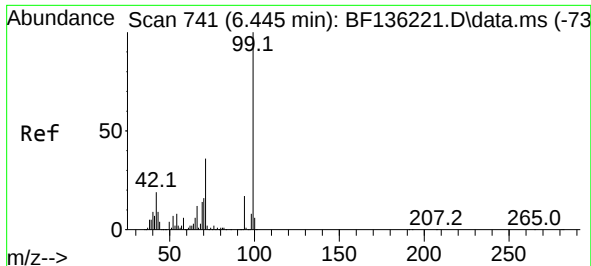
Tgt Ion:152 Resp: 146620
Ion Ratio Lower Upper
152 100
150 161.4 137.8 206.8
115 65.0 52.7 79.1



#5
2-Fluorophenol
Concen: 118.074 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

Tgt Ion:112 Resp: 1243812
Ion Ratio Lower Upper
112 100
64 55.4 48.2 72.4
63 30.1 27.0 40.6

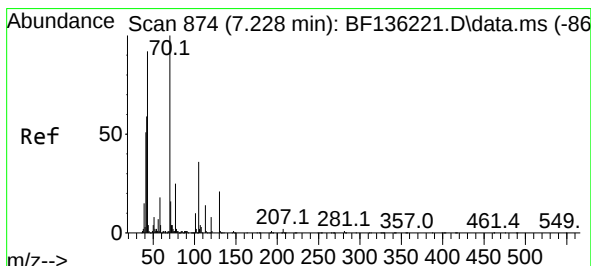
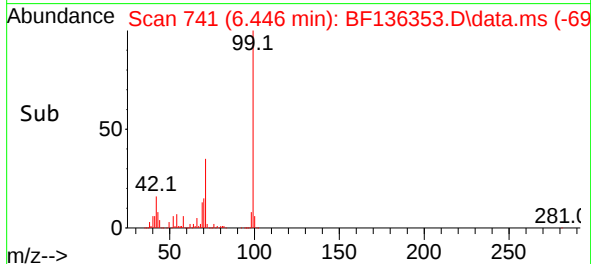
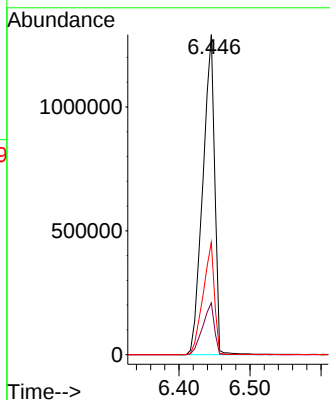
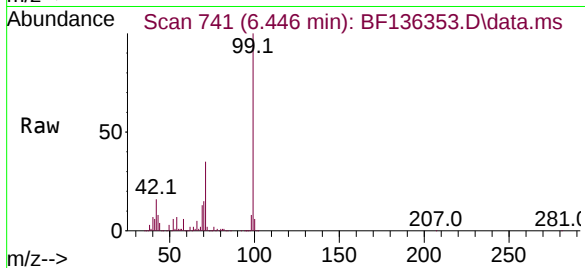




#7
Phenol-d6
Concen: 114.654 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

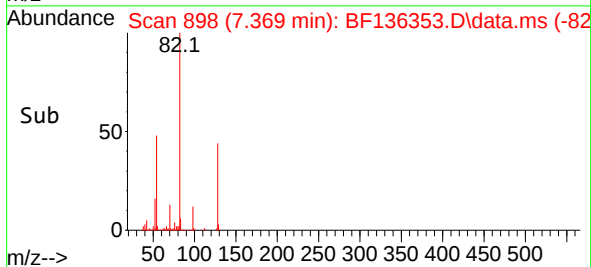
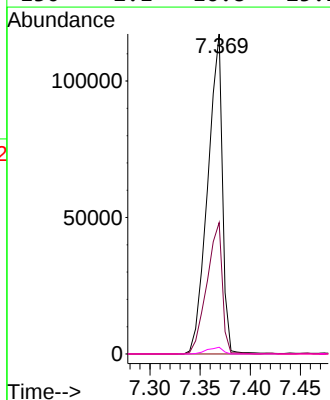
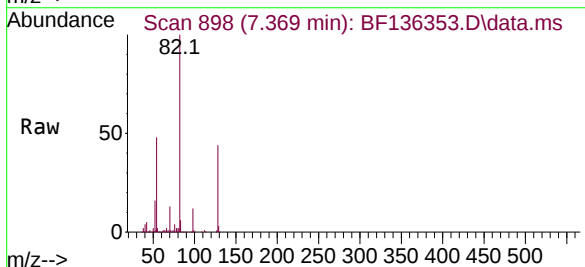
Instrument :
BNA_F
ClientSampleId :
PB157389BL

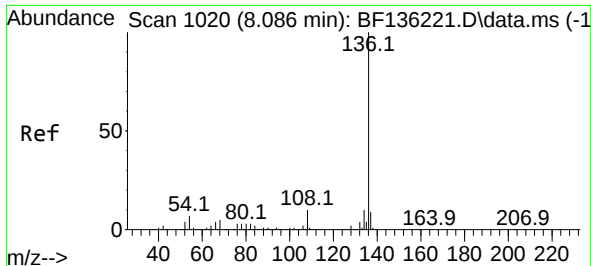
Tgt Ion: 99 Resp: 1510177
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.6
71 35.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.280 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

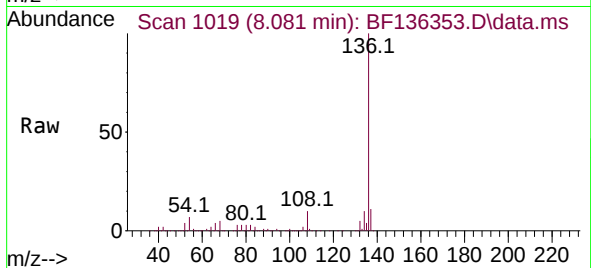
Tgt Ion: 70 Resp: 120371
Ion Ratio Lower Upper
70 100
42 41.1 47.0 70.4#
101 0.0 7.8 11.8#
130 2.1 16.8 25.2#



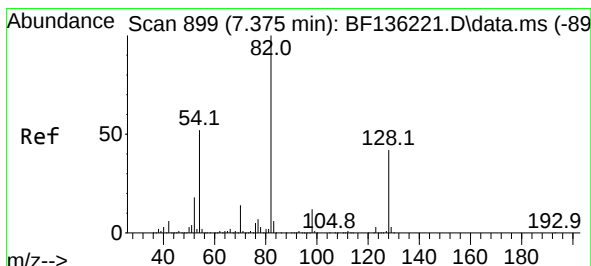
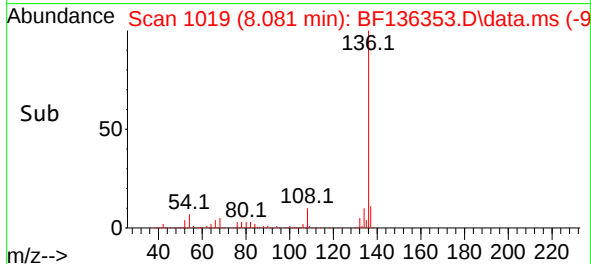
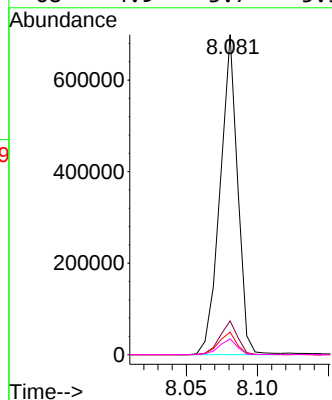


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

Instrument :
BNA_F
ClientSampleId :
PB157389BL

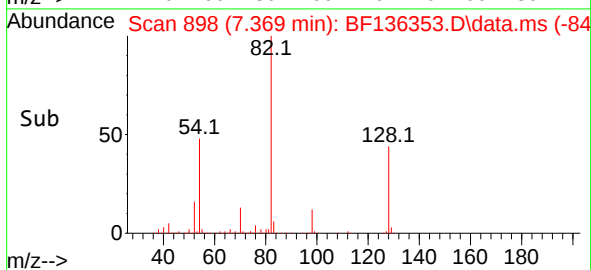
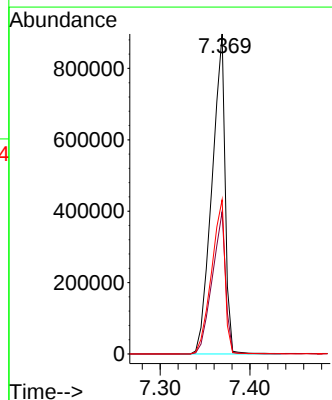
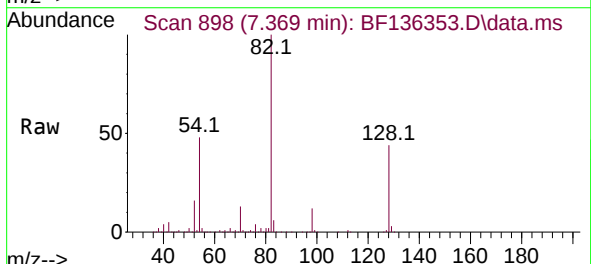


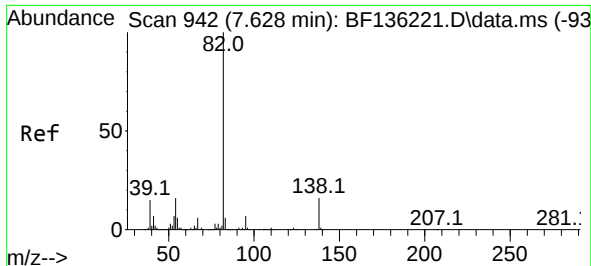
Tgt Ion:136 Resp: 599786
Ion Ratio Lower Upper
136 100
137 10.5 7.4 11.2
54 7.1 5.5 8.3
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 80.824 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

Tgt Ion: 82 Resp: 917379
Ion Ratio Lower Upper
82 100
128 44.4 33.4 50.2
54 48.2 41.7 62.5

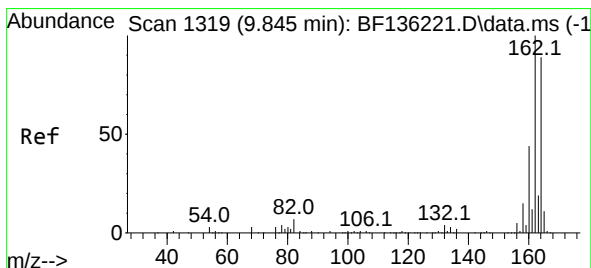
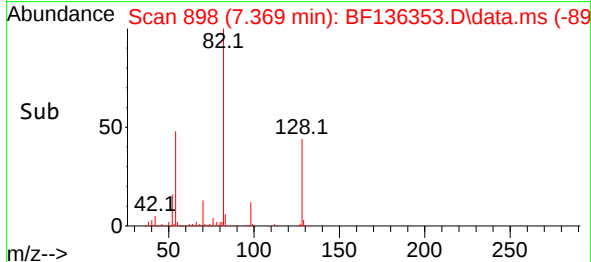
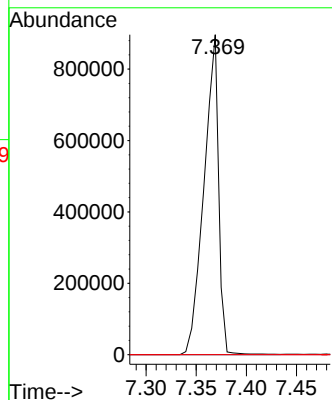
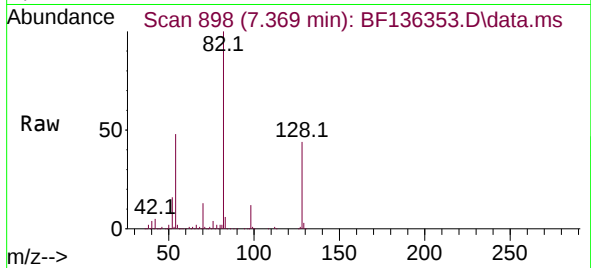




#25
Isophorone
Concen: 44.752 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

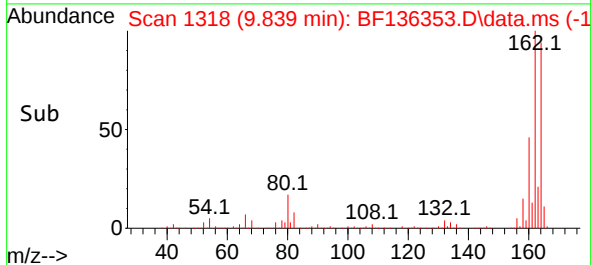
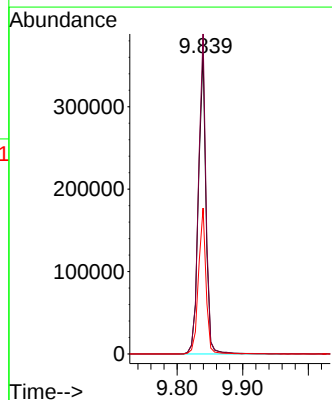
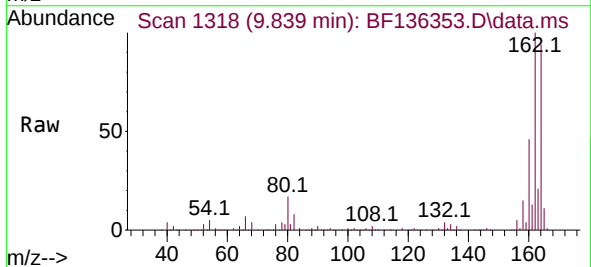
Instrument :
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ClientSampleId :
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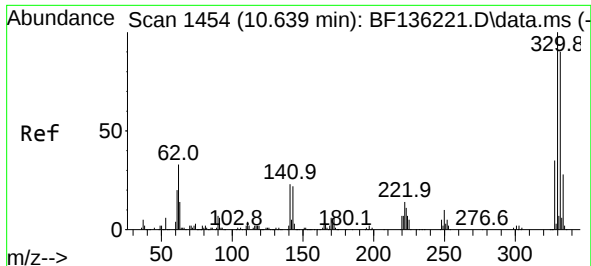
Tgt Ion: 82 Resp: 915895
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

Tgt Ion:164 Resp: 292635
Ion Ratio Lower Upper
164 100
162 106.6 89.5 134.3
160 48.6 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 101.512 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136353.D

Acq: 02 Dec 2023 00:38

Instrument :

BNA_F

ClientSampleId :

PB157389BL

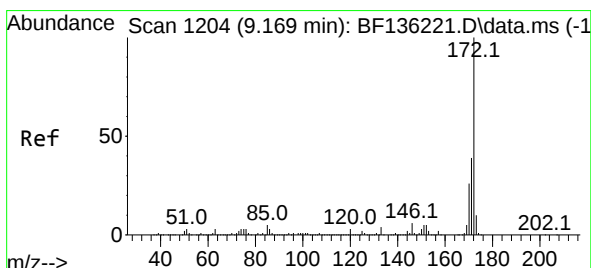
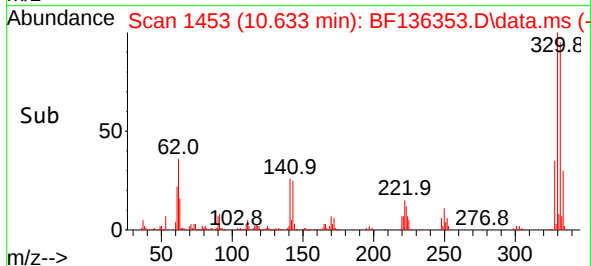
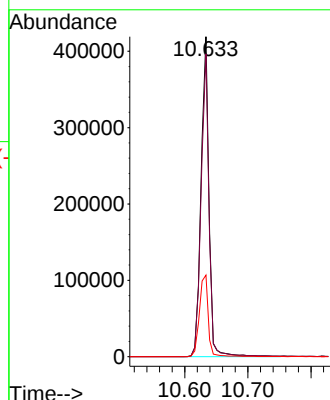
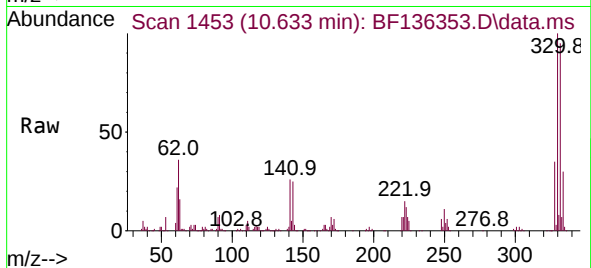
Tgt Ion:330 Resp: 363179

Ion Ratio Lower Upper

330 100

332 95.0 73.0 109.6

141 28.7 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 80.442 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136353.D

Acq: 02 Dec 2023 00:38

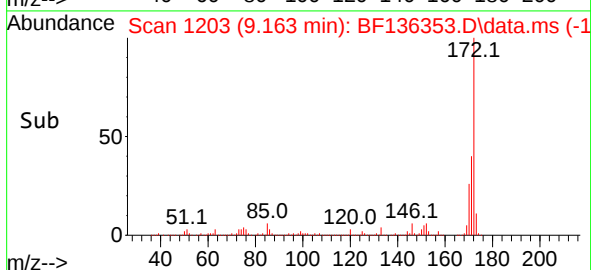
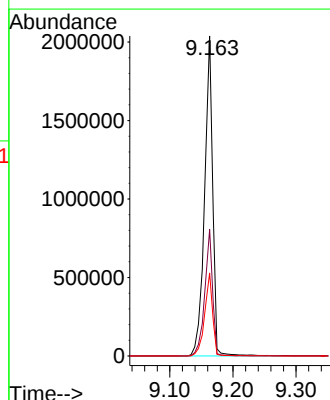
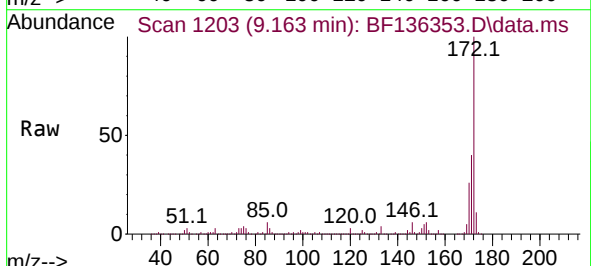
Tgt Ion:172 Resp: 1842963

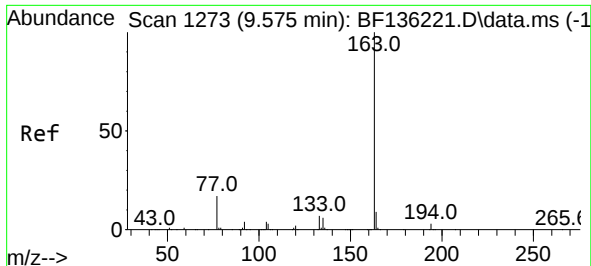
Ion Ratio Lower Upper

172 100

171 39.6 31.5 47.3

170 26.0 20.8 31.2

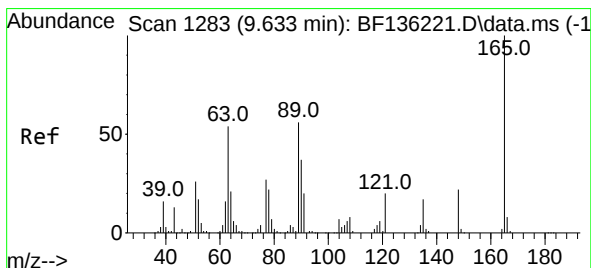
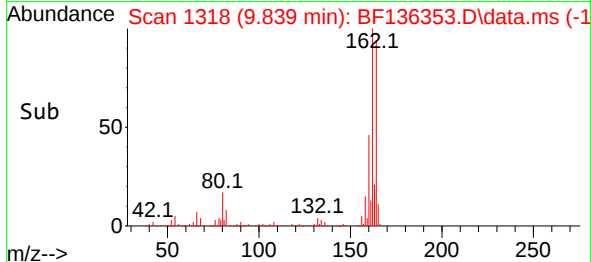
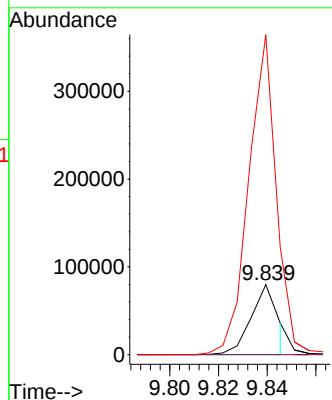
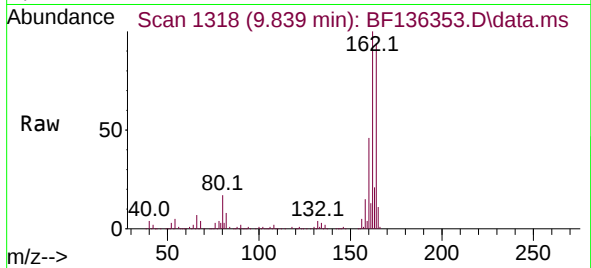




#50
Dimethylphthalate
Concen: 2.733 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

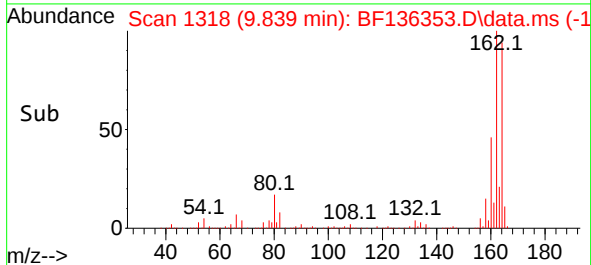
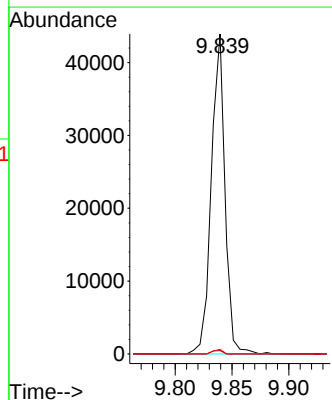
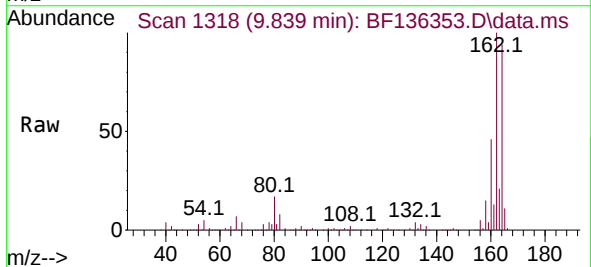
Instrument :
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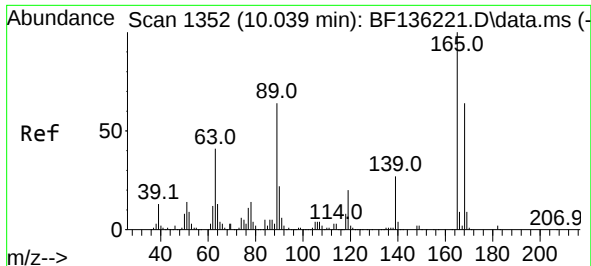
Tgt Ion:163 Resp: 60444
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 456.7 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.104 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

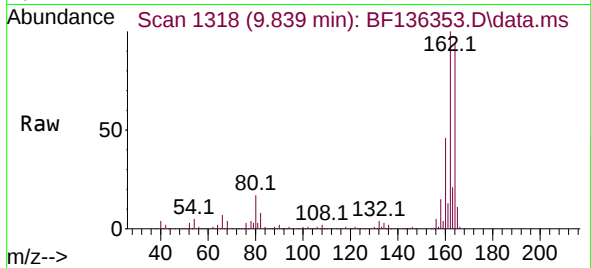
Tgt Ion:165 Resp: 36618
Ion Ratio Lower Upper
165 100
63 1.0 46.2 69.2#
89 1.4 44.9 67.3#



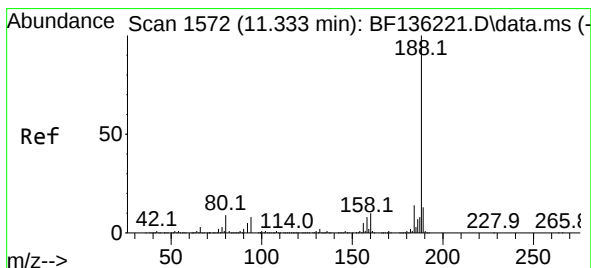
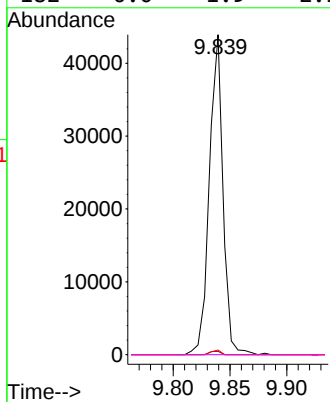
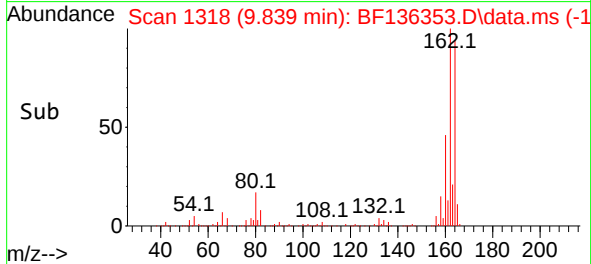


#57
2,4-Dinitrotoluene
Concen: 6.067 ng
RT: 9.839 min Scan# 111
Delta R.T. -0.200 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

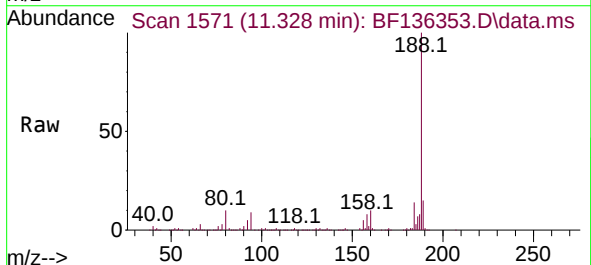
Instrument :
BNA_F
ClientSampleId :
PB157389BL



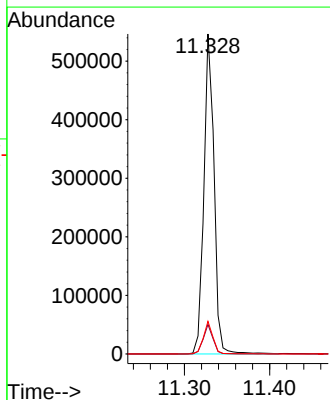
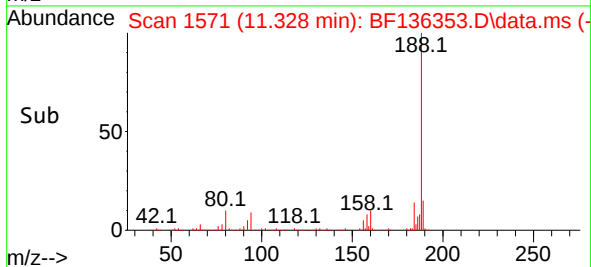
Tgt Ion:165 Resp: 36618
Ion Ratio Lower Upper
165 100
63 1.0 33.0 49.4#
89 1.4 51.5 77.3#
182 0.0 1.9 2.9#

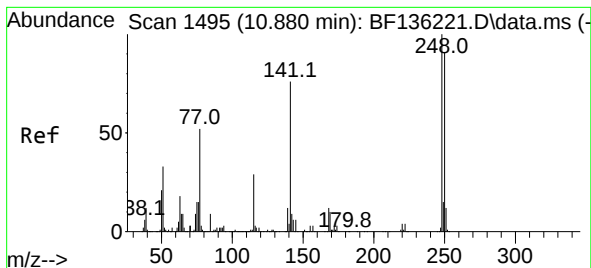


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38



Tgt Ion:188 Resp: 453223
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.2 7.2 10.8

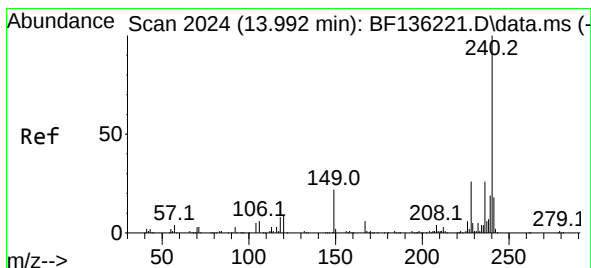
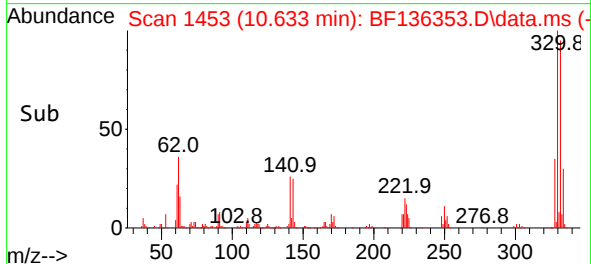
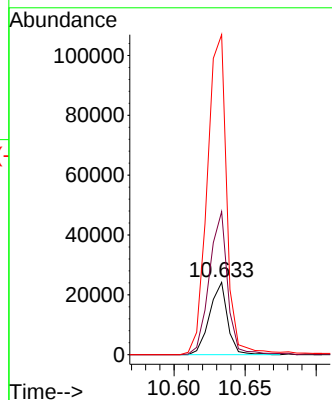
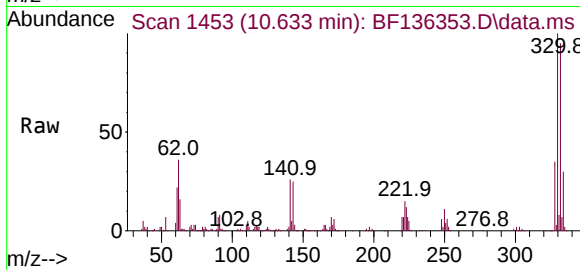




#67
4-Bromophenyl-phenylether
Concen: 4.050 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

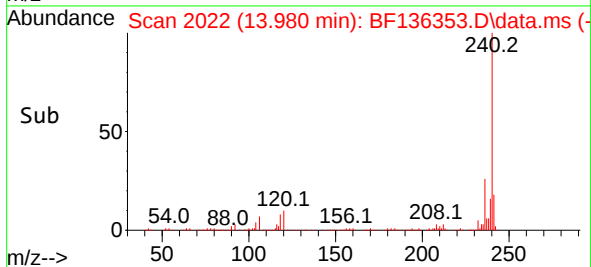
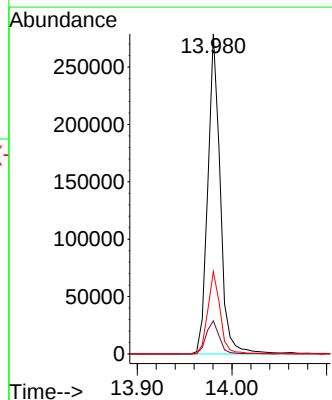
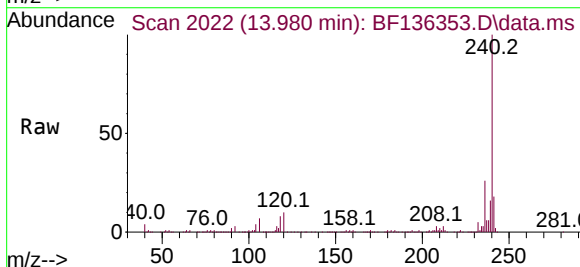
Instrument :
BNA_F
ClientSampleId :
PB157389BL

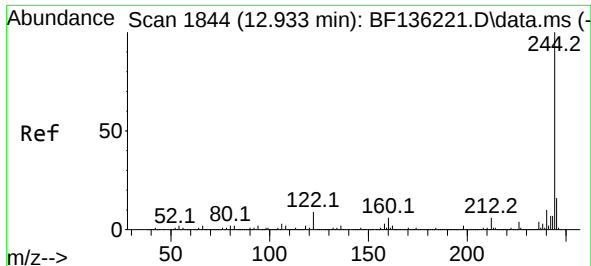
Tgt Ion:248 Resp: 21412
Ion Ratio Lower Upper
248 100
250 197.7 72.5 108.7#
141 442.4 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

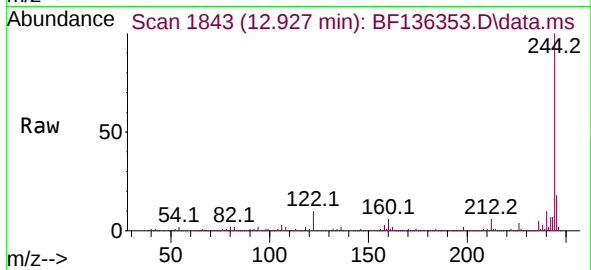
Tgt Ion:240 Resp: 254273
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.2
236 25.8 21.1 31.7



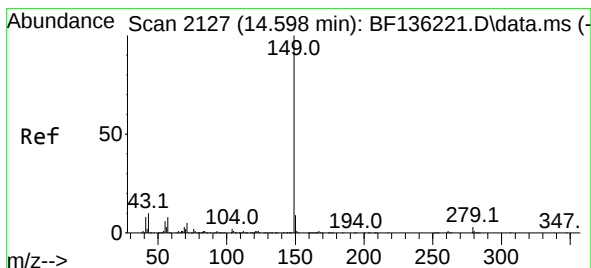
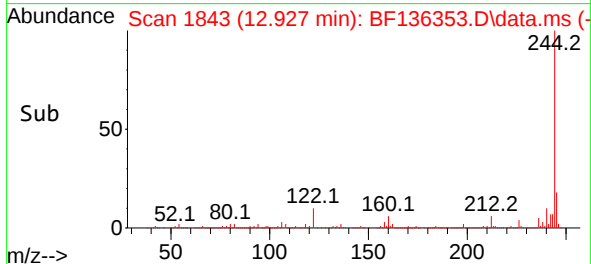
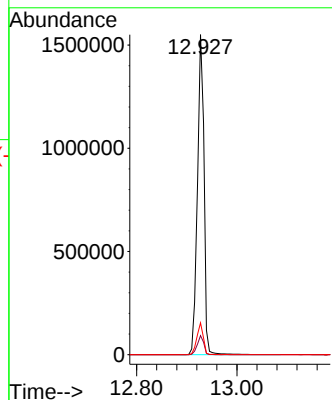


#79
 Terphenyl-d14
 Concen: 63.933 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136353.D
 Acq: 02 Dec 2023 00:38

Instrument :
 BNA_F
 ClientSampleId :
 PB157389BL

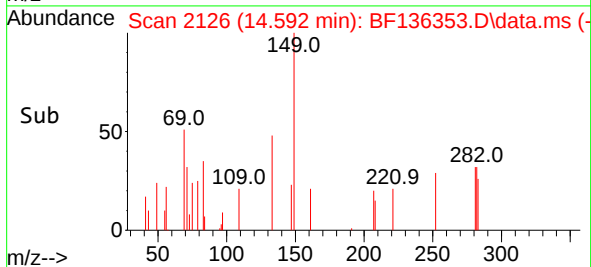
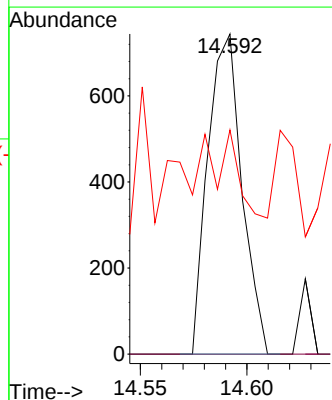
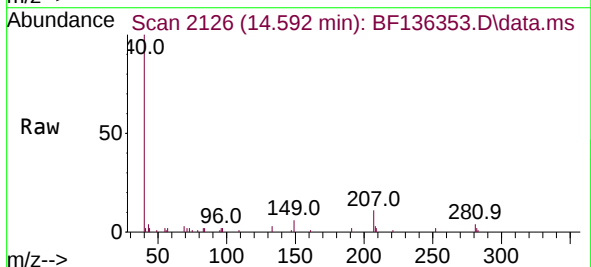


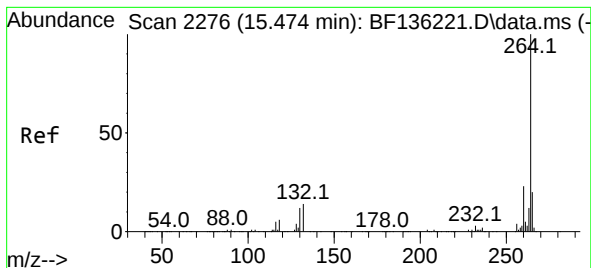
Tgt Ion:244 Resp: 1409321
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 10.0 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.206 ng
 RT: 14.592 min Scan# 2126
 Delta R.T. -0.006 min
 Lab File: BF136353.D
 Acq: 02 Dec 2023 00:38

Tgt Ion:149 Resp: 826
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 23.7 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: BF136353.D

Acq: 02 Dec 2023 00:38

Instrument :

BNA_F

ClientSampleId :

PB157389BL

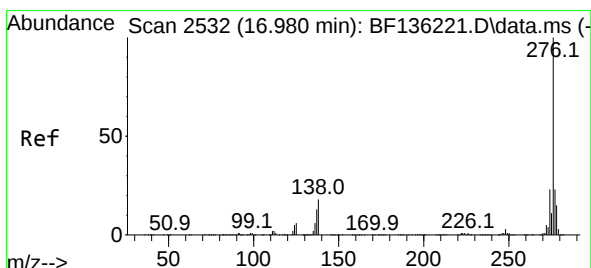
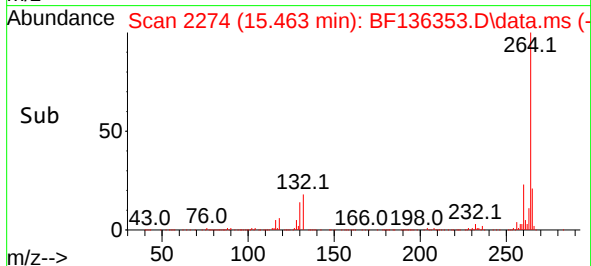
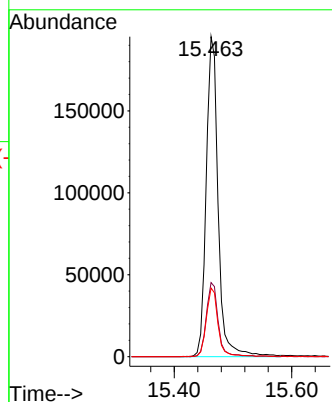
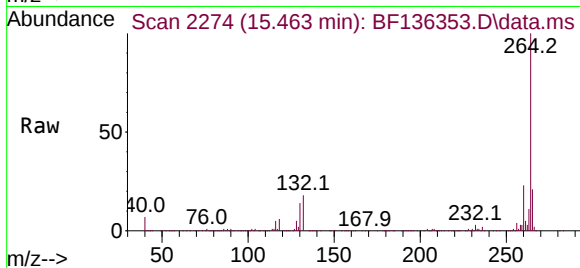
Tgt Ion:264 Resp: 274294

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.4 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.763 ng

RT: 16.921 min Scan# 2522

Delta R.T. -0.059 min

Lab File: BF136353.D

Acq: 02 Dec 2023 00:38

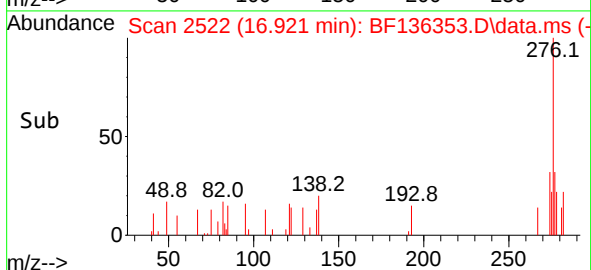
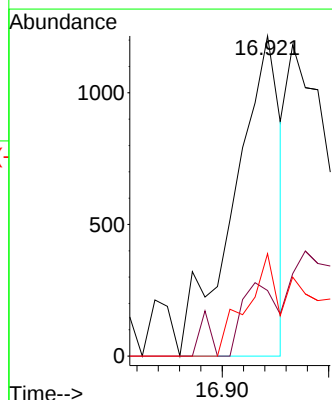
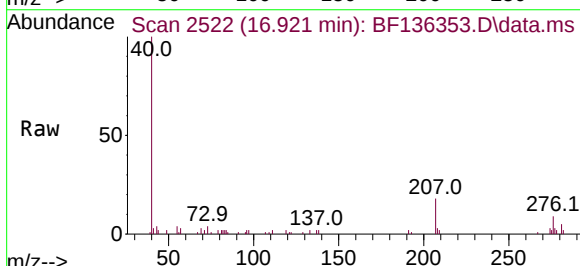
Tgt Ion:276 Resp: 1830

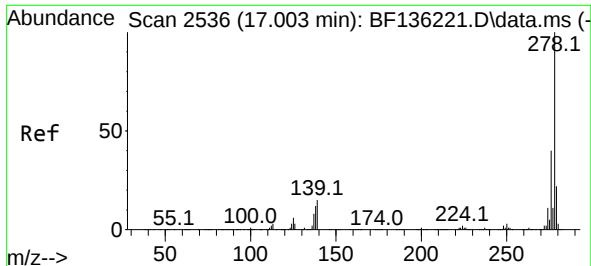
Ion Ratio Lower Upper

276 100

138 17.4 17.7 26.5#

277 21.3 19.6 29.4

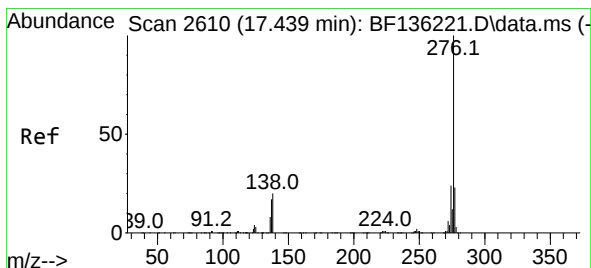
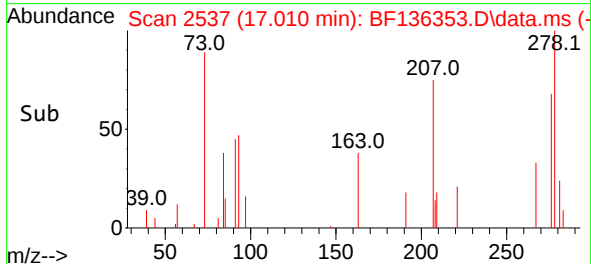
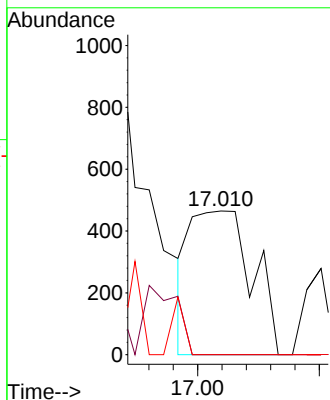
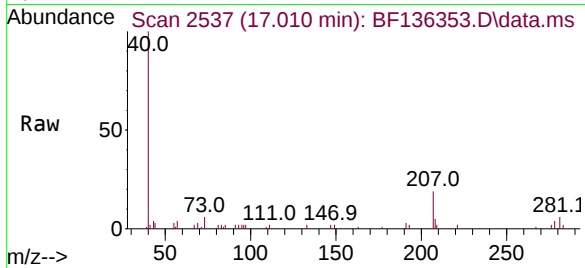




#91
Dibenzo(a,h)anthracene
Concen: 2.761 ng
RT: 17.010 min Scan# 21
Delta R.T. 0.007 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

Instrument :
BNA_F
ClientSampleId :
PB157389BL

Tgt Ion:278 Resp: 831
Ion Ratio Lower Upper
278 100
139 0.0 11.7 17.5#
279 0.0 17.8 26.8#



#92
Benzo(g,h,i)perylene
Concen: 2.108 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.065 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

Tgt Ion:276 Resp: 3572
Ion Ratio Lower Upper
276 100
277 15.7 18.6 27.8#
138 30.7 15.8 23.8#

