

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136372.D
 Acq On : 02 Dec 2023 10:59
 Operator : CG\JU
 Sample : 05434-15
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 03 07:25:20 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)

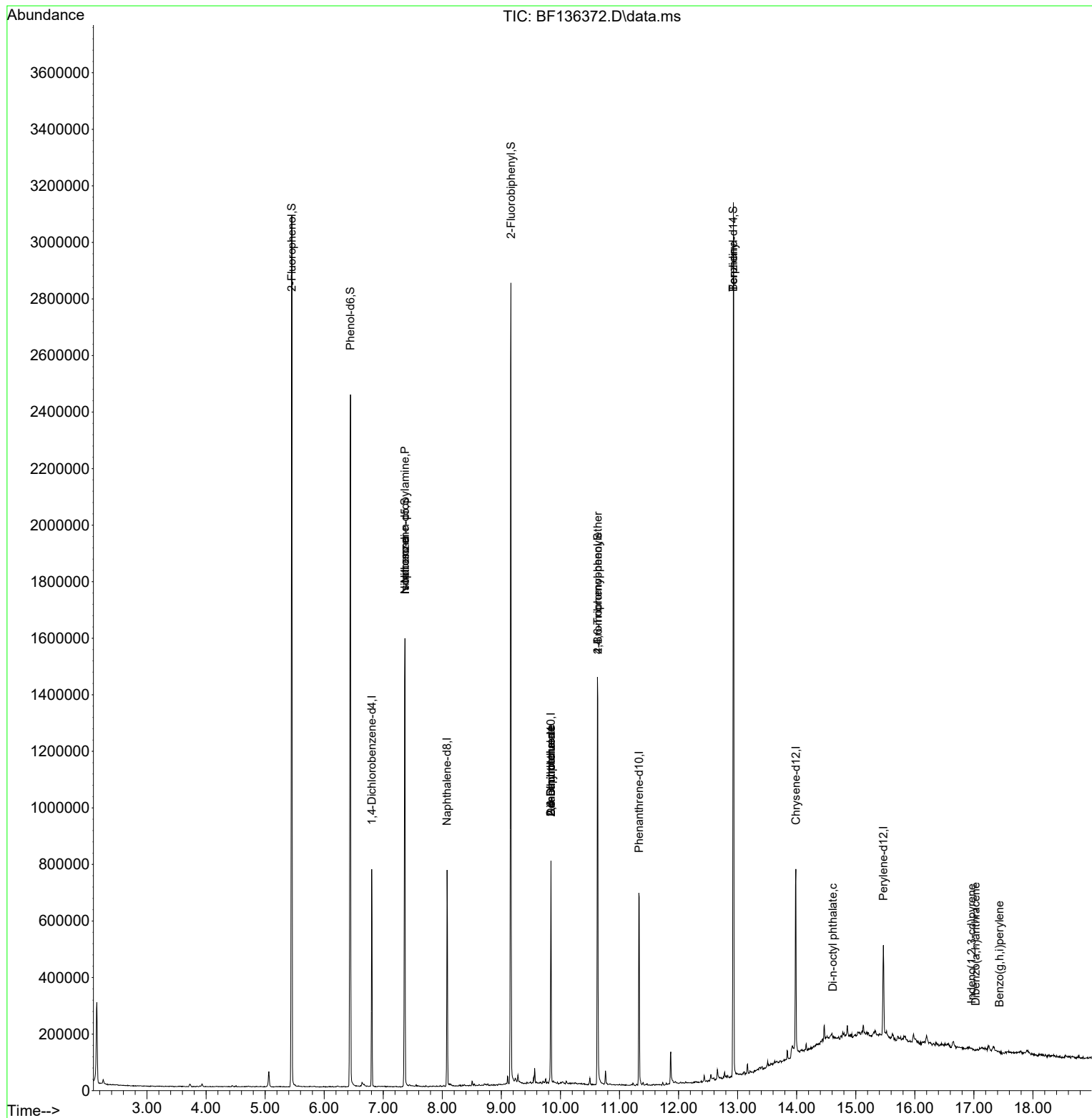
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	106853	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	339548	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	137782	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	266622	20.000	ng	0.00
76) Chrysene-d12	13.986	240	229126	20.000	ng	0.00
86) Perylene-d12	15.468	264	162004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	844375	109.987	ng	0.01
7) Phenol-d6	6.445	99	927098	96.581	ng	0.00
23) Nitrobenzene-d5	7.369	82	542469	84.424	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	202242	120.061	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	909579	84.322	ng	0.00
79) Terphenyl-d14	12.927	244	1179591	59.384	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.369	70	71706	12.490	ng	# 72
25) Isophorone	7.369	82	542463	46.820	ng	# 68
50) Dimethylphthalate	9.839	163	28340	2.721	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	18118	8.516	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	18118	6.376	ng	# 27
67) 4-Bromophenyl-phenylether	10.633	248	12421	3.993	ng	# 1
77) Benzidine	12.927	184	14186	3.766	ng	# 94
85) Di-n-octyl phthalate	14.609	149	1242	5.235	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.962	276	3555	2.956	ng	# 67
91) Dibenzo(a,h)anthracene	17.033	278	111	2.724	ng	# 1
92) Benzo(g,h,i)perylene	17.433	276	3192	2.215	ng	# 56

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

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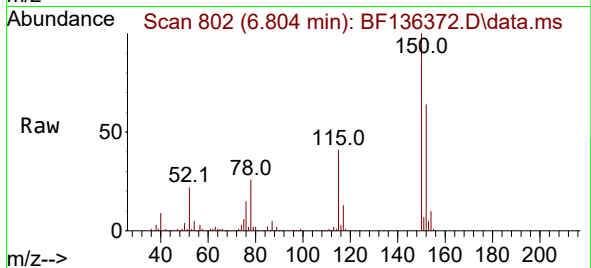
Quant Time: Dec 03 07:25:20 2023
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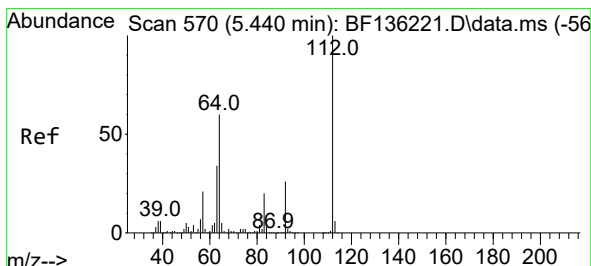
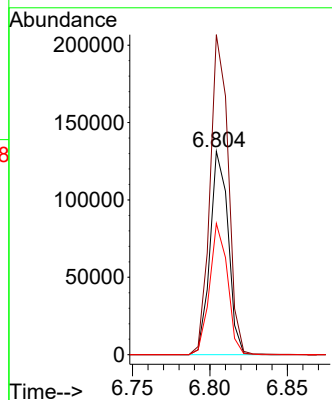
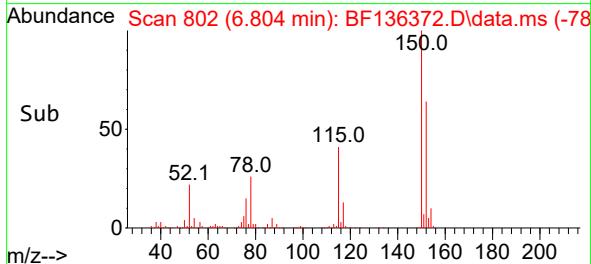


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Instrument :
BNA_F
ClientSampleId :

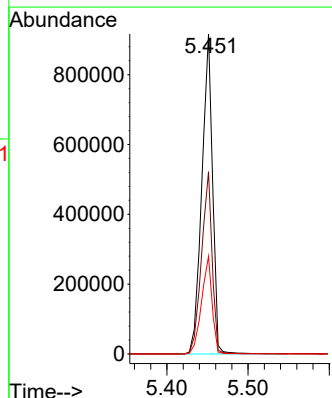
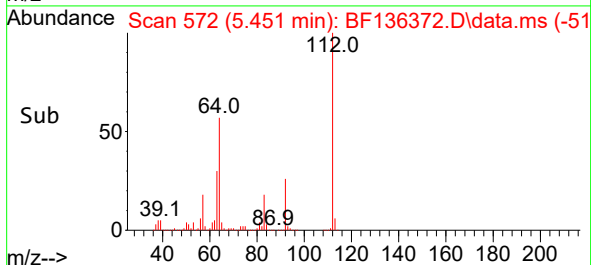
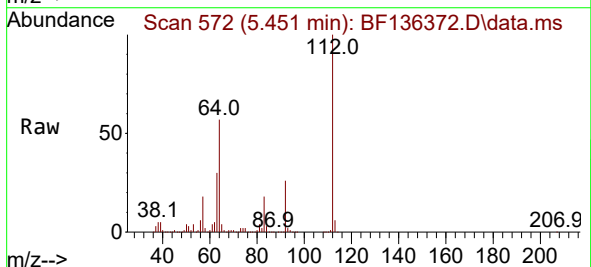


Tgt Ion:152 Resp: 106853
Ion Ratio Lower Upper
152 100
150 157.4 137.8 206.8
115 64.6 52.7 79.1



#5
2-Fluorophenol
Concen: 109.987 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Tgt Ion:112 Resp: 844375
Ion Ratio Lower Upper
112 100
64 56.9 48.2 72.4
63 30.5 27.0 40.6

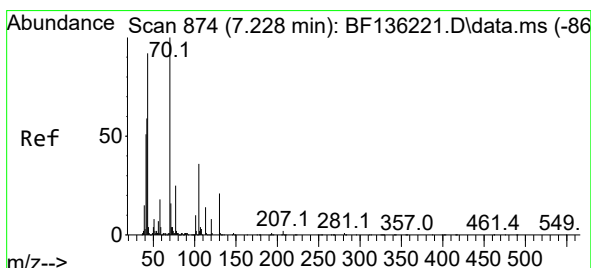
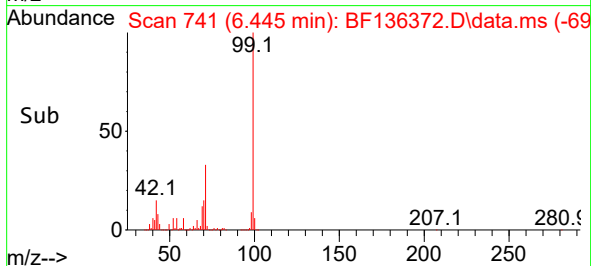
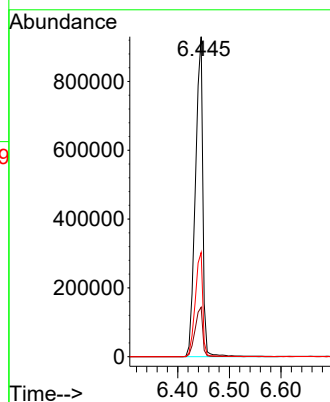
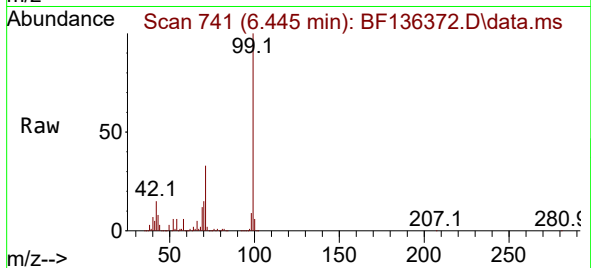




#7
Phenol-d6
Concen: 96.581 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

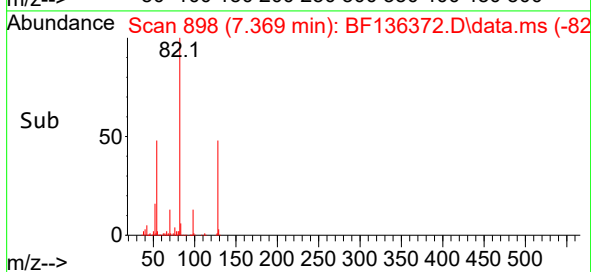
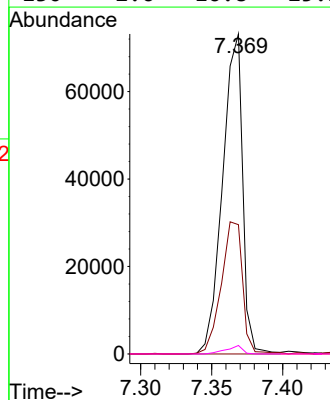
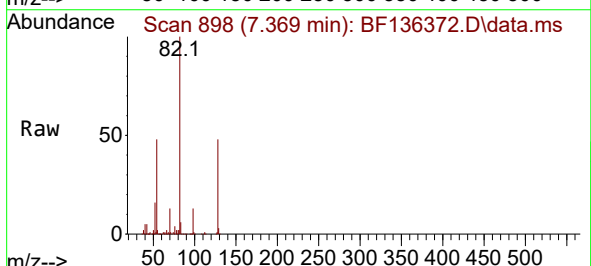
Instrument :
BNA_F
ClientSampleId :

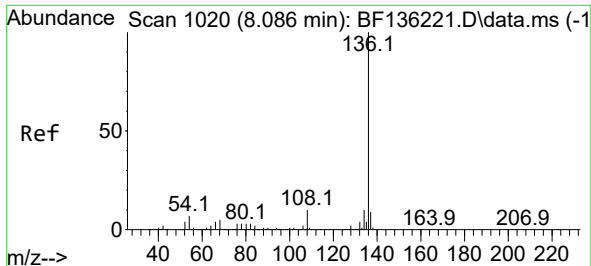
Tgt Ion: 99 Resp: 927098
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.6
71 32.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.490 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Tgt Ion: 70 Resp: 71706
Ion Ratio Lower Upper
70 100
42 40.4 47.0 70.4#
101 0.0 7.8 11.8#
130 2.6 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.006 min

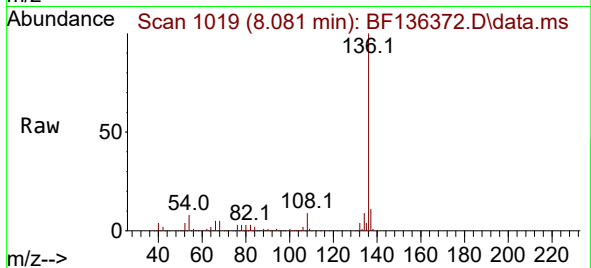
Lab File: BF136372.D

Acq: 02 Dec 2023 10:59

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 339548

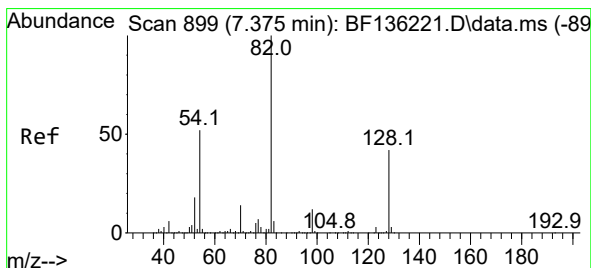
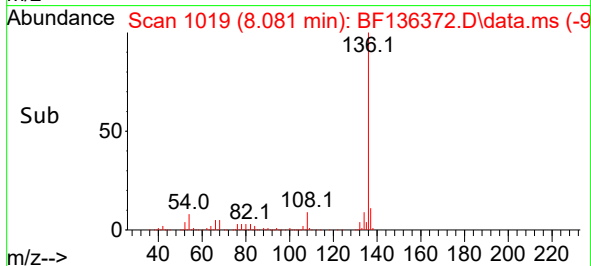
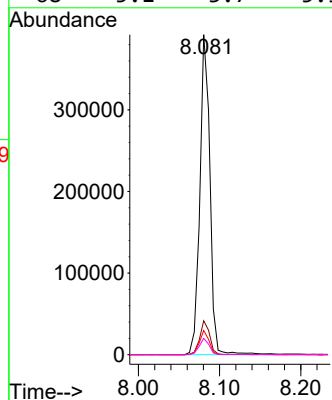
Ion Ratio Lower Upper

136 100

137 10.6 7.4 11.2

54 7.6 5.5 8.3

68 5.1 3.7 5.5



#23

Nitrobenzene-d5

Concen: 84.424 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136372.D

Acq: 02 Dec 2023 10:59

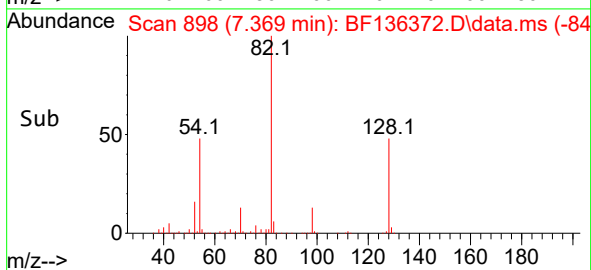
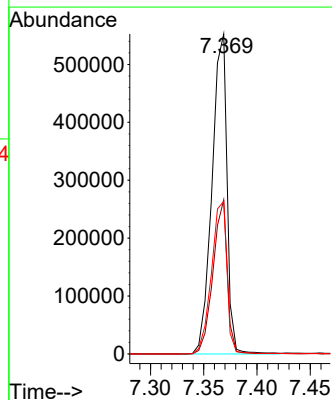
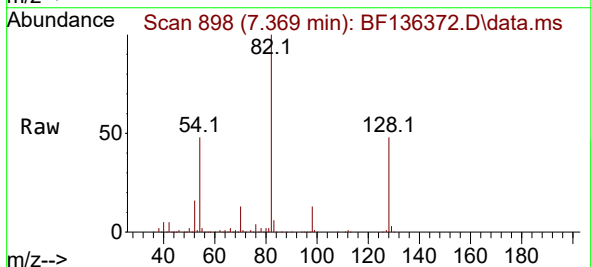
Tgt Ion: 82 Resp: 542469

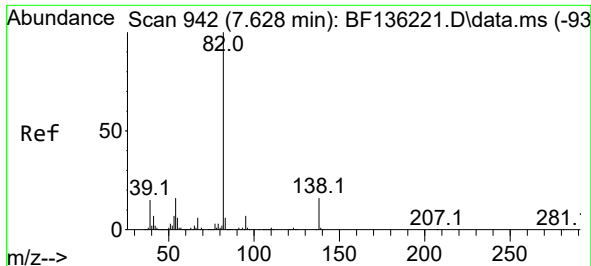
Ion Ratio Lower Upper

82 100

128 48.1 33.4 50.2

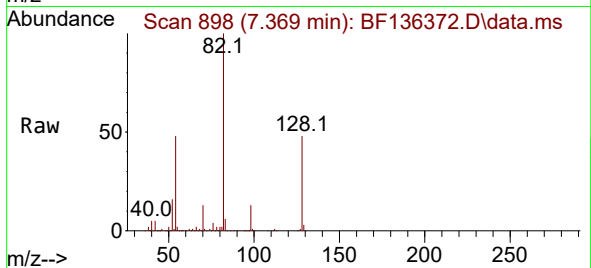
54 47.7 41.7 62.5



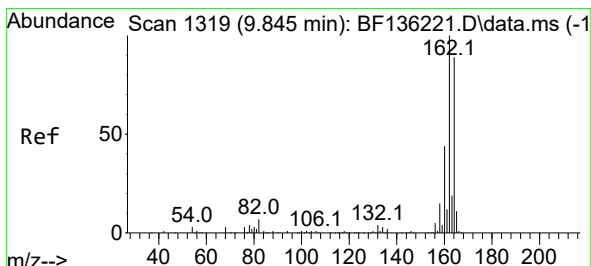
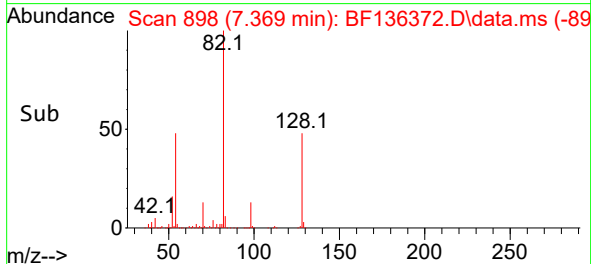
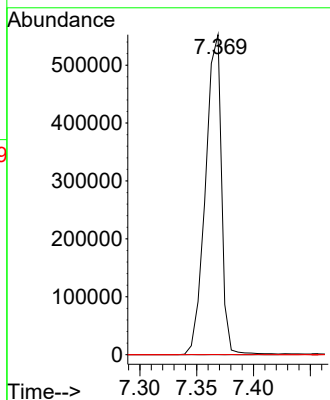


#25
Isophorone
Concen: 46.820 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Instrument :
BNA_F
ClientSampleId :

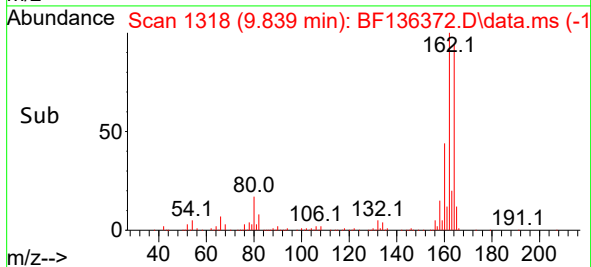
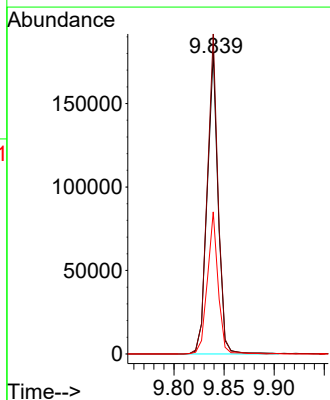
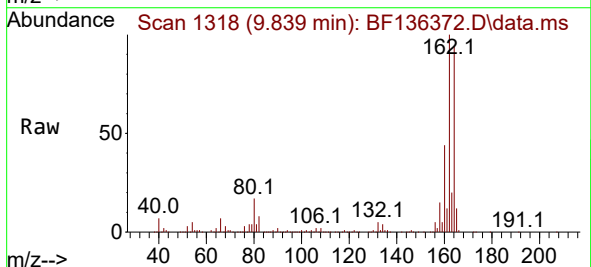


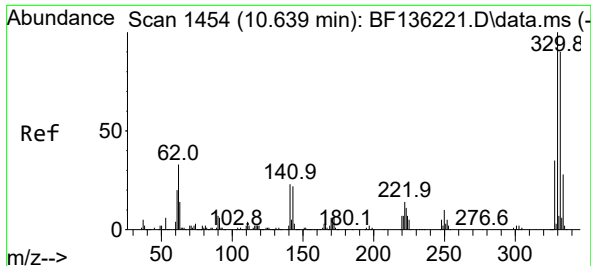
Tgt Ion: 82 Resp: 542463
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

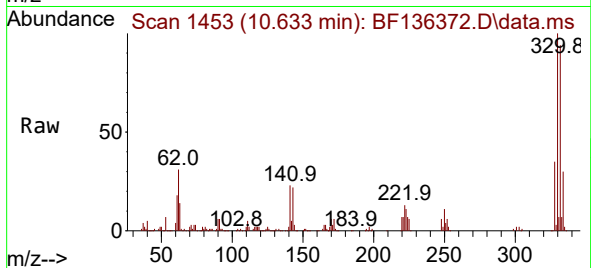
Tgt Ion: 164 Resp: 137782
Ion Ratio Lower Upper
164 100
162 106.1 89.5 134.3
160 47.1 39.6 59.4



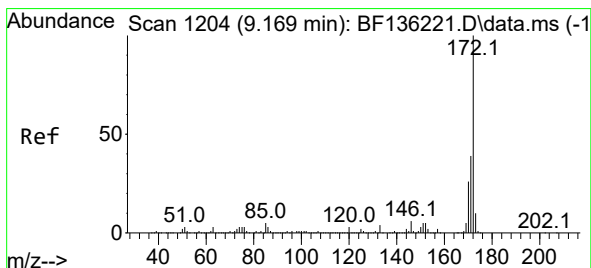
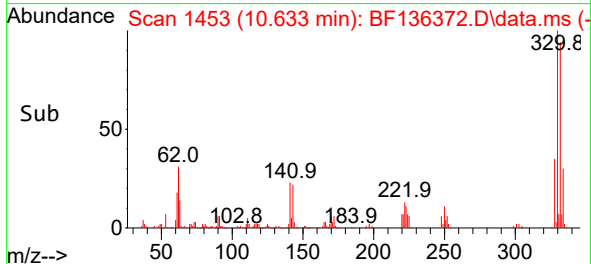
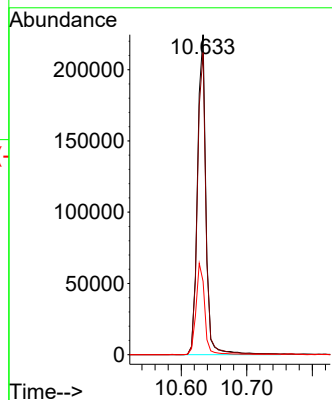


#42
 2,4,6-Tribromophenol
 Concen: 120.061 ng
 RT: 10.633 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: BF136372.D
 Acq: 02 Dec 2023 10:59

Instrument :
 BNA_F
 ClientSampleId :

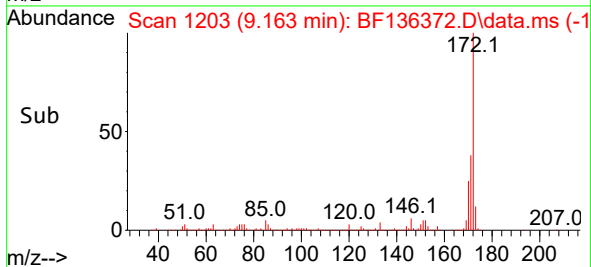
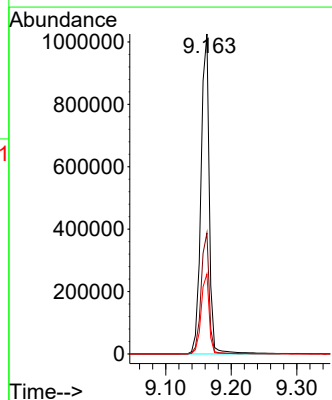
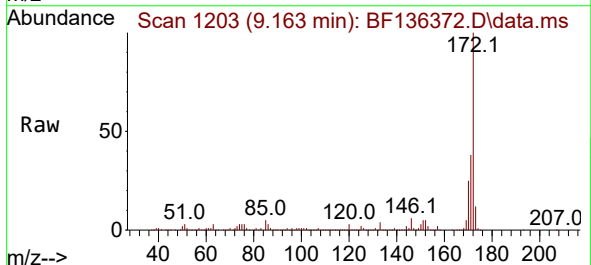


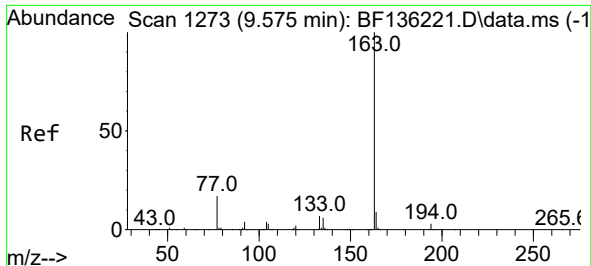
Tgt Ion:330 Resp: 202242
 Ion Ratio Lower Upper
 330 100
 332 96.0 73.0 109.6
 141 29.3 24.2 36.2



#45
 2-Fluorobiphenyl
 Concen: 84.322 ng
 RT: 9.163 min Scan# 1203
 Delta R.T. -0.006 min
 Lab File: BF136372.D
 Acq: 02 Dec 2023 10:59

Tgt Ion:172 Resp: 909579
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.5 47.3
 170 25.0 20.8 31.2

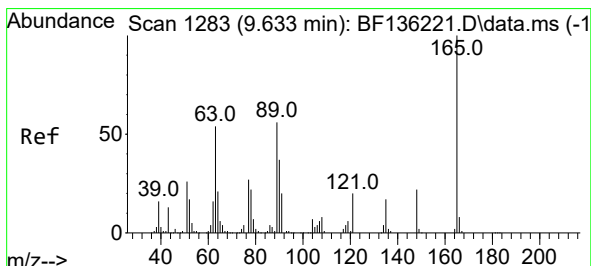
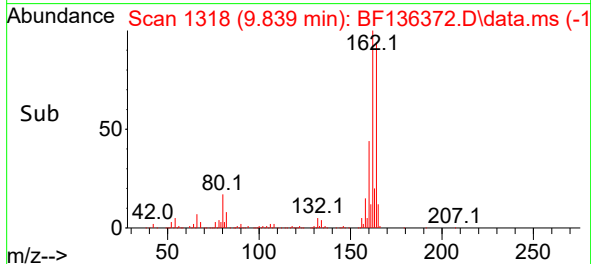
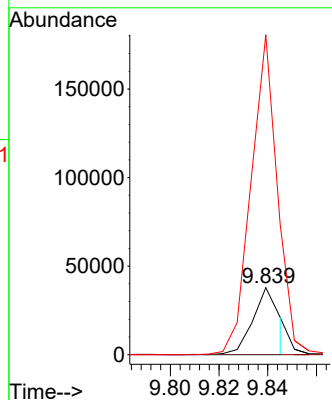
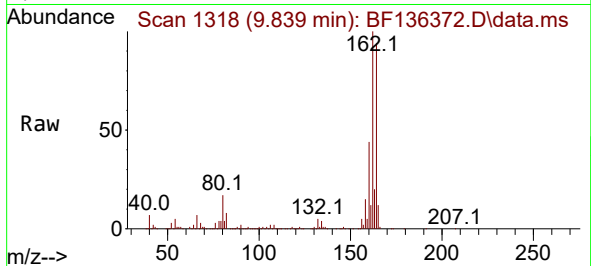




#50
Dimethylphthalate
Concen: 2.721 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

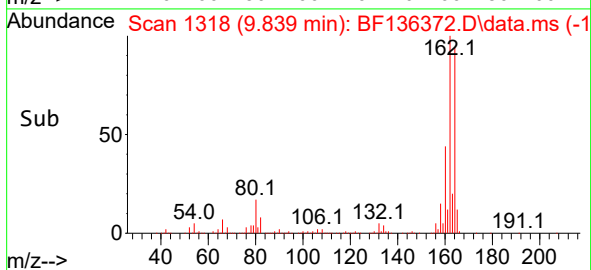
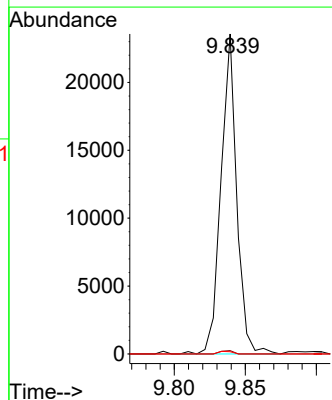
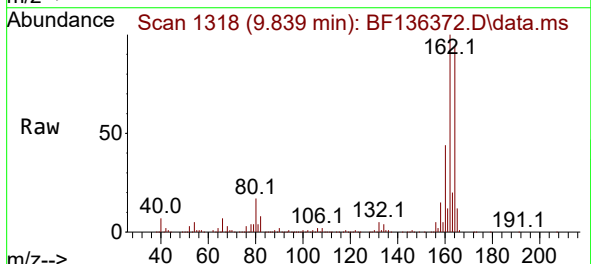
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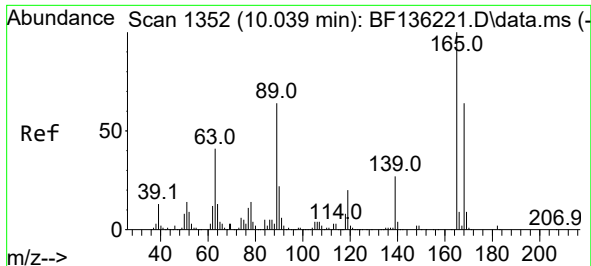
Tgt Ion:163 Resp: 28340
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 477.1 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.516 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

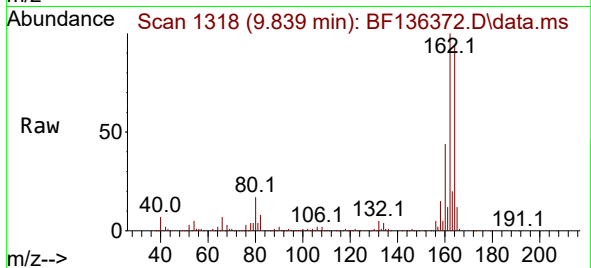
Tgt Ion:165 Resp: 18118
Ion Ratio Lower Upper
165 100
63 1.1 46.2 69.2#
89 0.7 44.9 67.3#



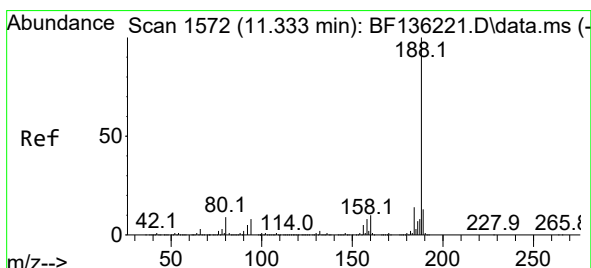
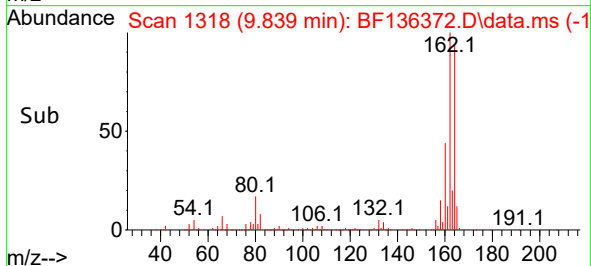
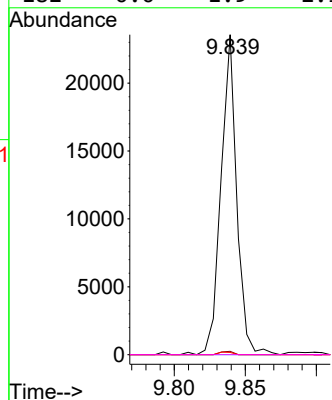


#57
2,4-Dinitrotoluene
Concen: 6.376 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Instrument :
BNA_F
ClientSampleId :

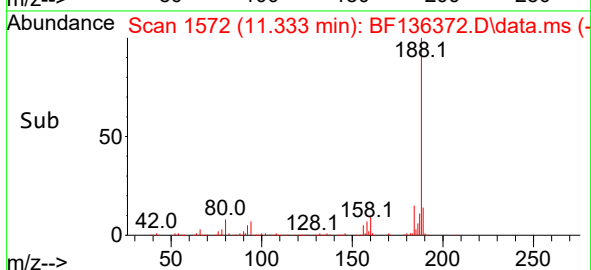
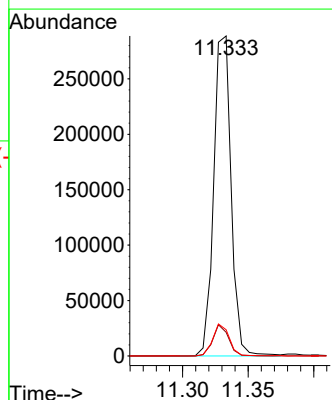
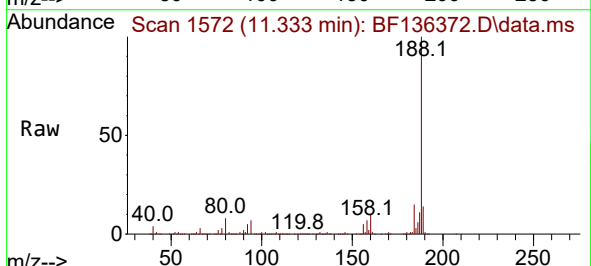


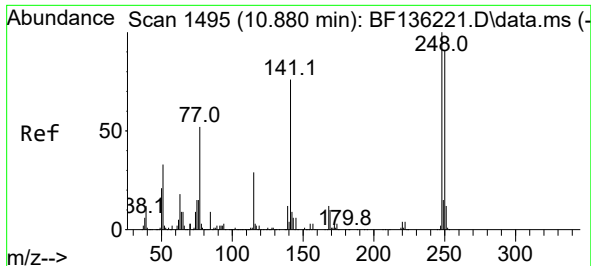
Tgt Ion:165 Resp: 18118
Ion Ratio Lower Upper
165 100
63 1.1 33.0 49.4#
89 0.7 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

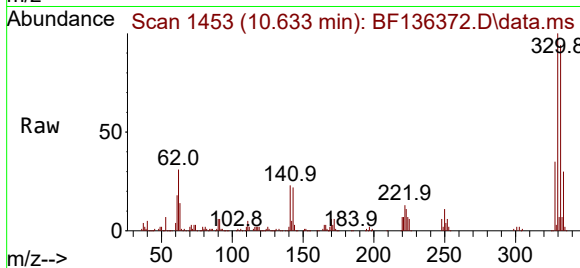
Tgt Ion:188 Resp: 266622
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.2 7.2 10.8



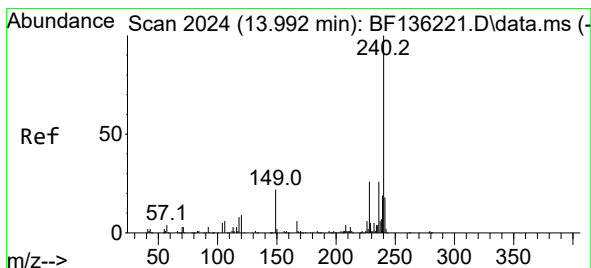
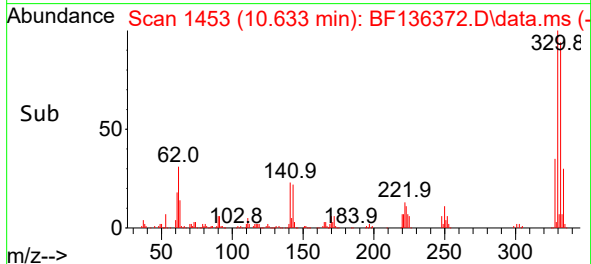
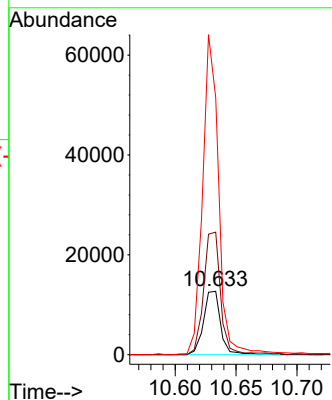


#67
4-Bromophenyl-phenylether
Concen: 3.993 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Instrument :
BNA_F
ClientSampleId :

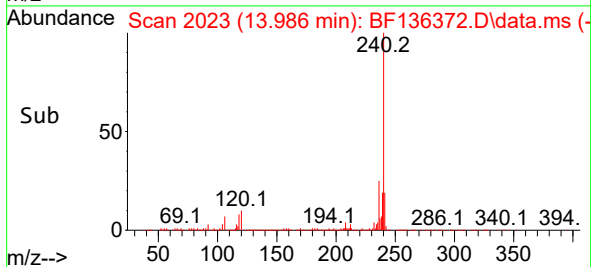
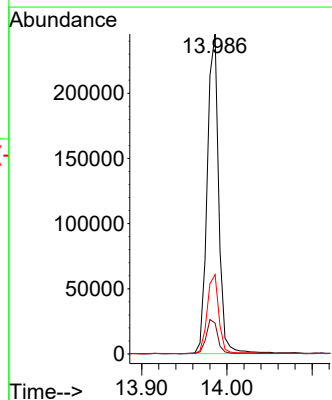
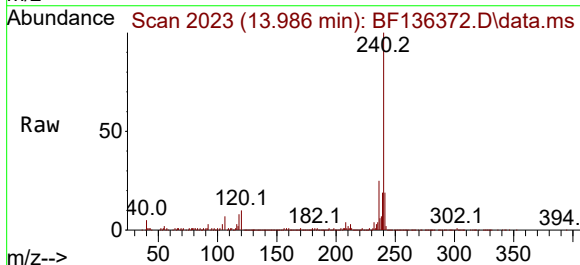


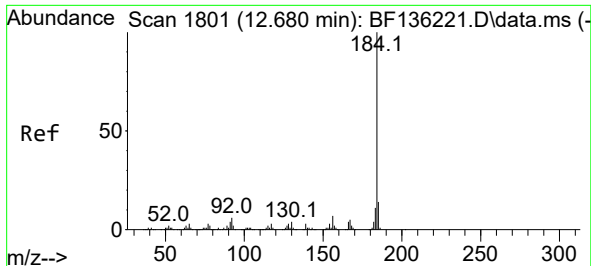
Tgt Ion:248 Resp: 12421
Ion Ratio Lower Upper
248 100
250 193.3 72.5 108.7#
141 405.1 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Tgt Ion:240 Resp: 229126
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.2
236 24.8 21.1 31.7

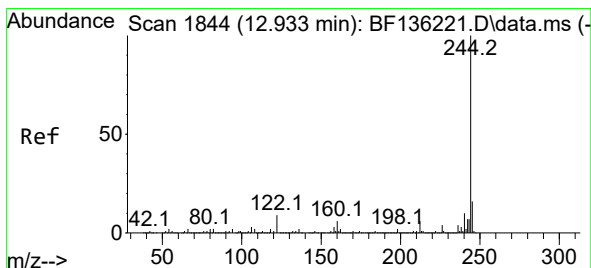
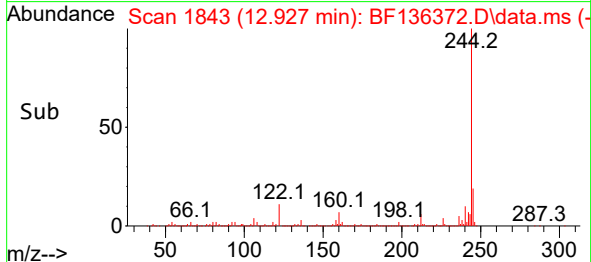
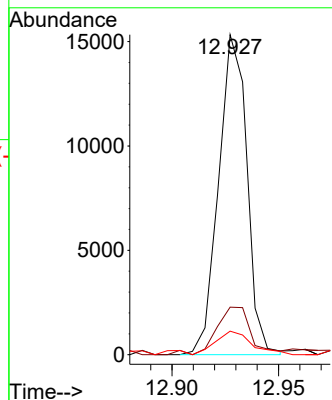
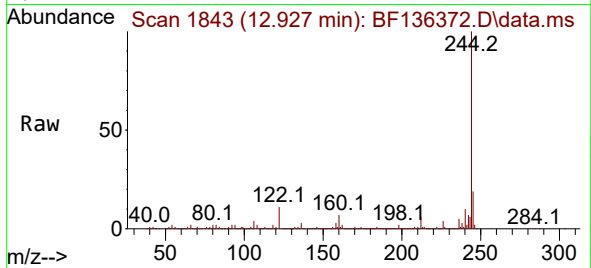




#77
Benzidine
Concen: 3.766 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

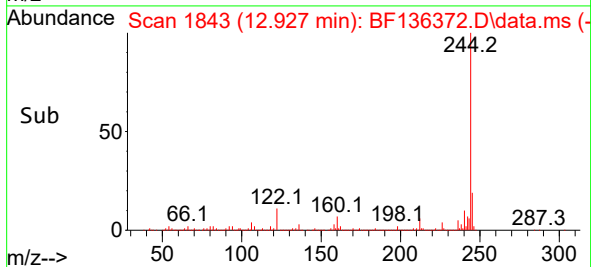
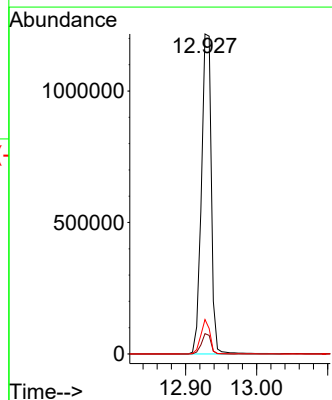
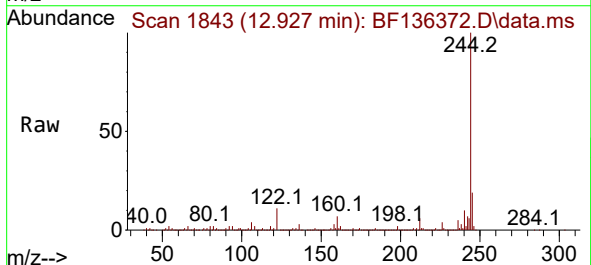
Instrument :
BNA_F
ClientSampleId :

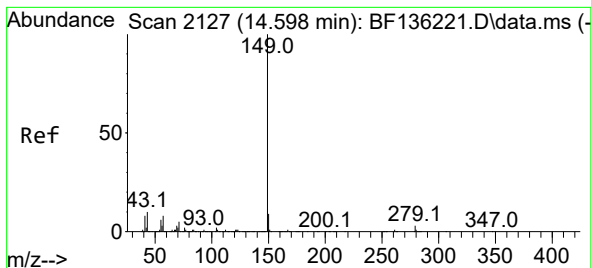
Tgt Ion:184 Resp: 14186
Ion Ratio Lower Upper
184 100
185 14.9 11.0 16.6
183 7.4 9.0 13.4#



#79
Terphenyl-d14
Concen: 59.384 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Tgt Ion:244 Resp: 1179591
Ion Ratio Lower Upper
244 100
212 6.4 4.6 7.0
122 10.8 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.235 ng

RT: 14.609 min Scan# 2129

Delta R.T. 0.011 min

Lab File: BF136372.D

Acq: 02 Dec 2023 10:59

Instrument :

BNA_F

ClientSampleId :

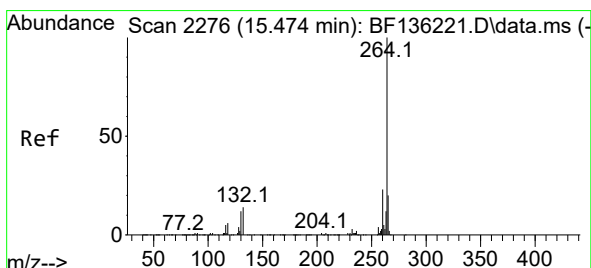
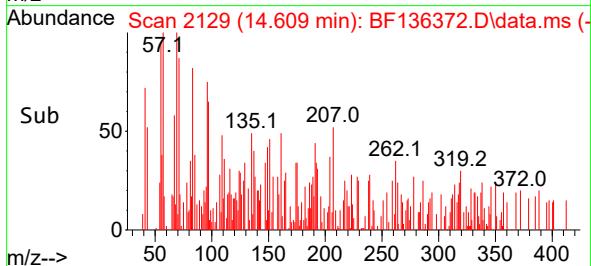
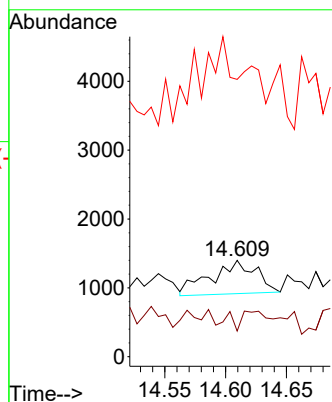
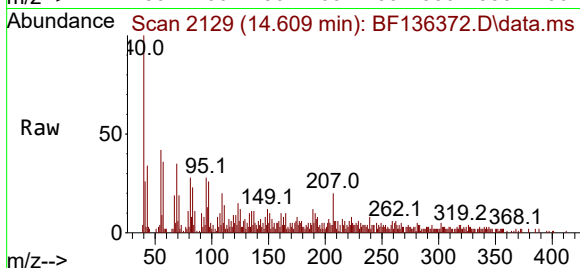
Tgt Ion:149 Resp: 1242

Ion Ratio Lower Upper

149 100

167 34.7 1.0 1.6#

43 70.8 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136372.D

Acq: 02 Dec 2023 10:59

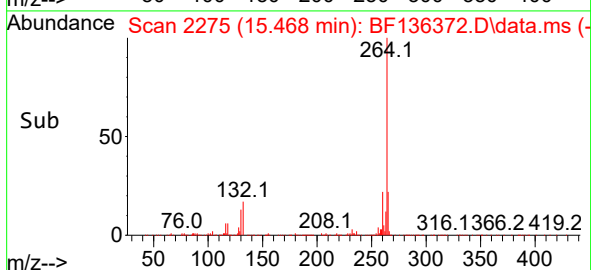
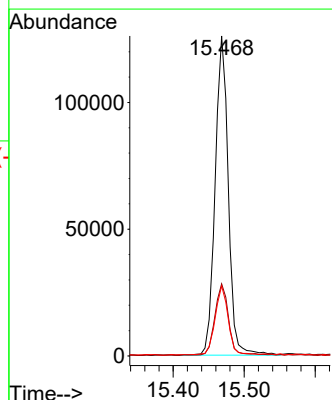
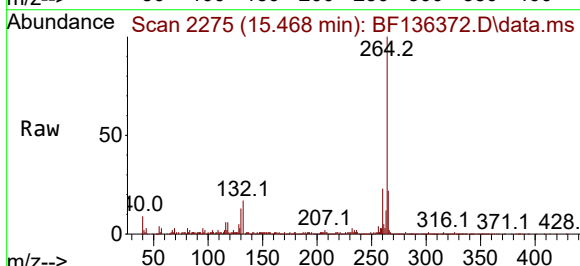
Tgt Ion:264 Resp: 162004

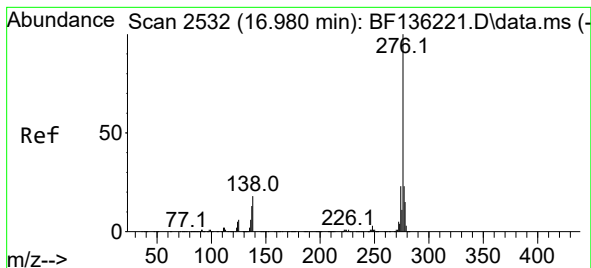
Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 21.9 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.956 ng

RT: 16.962 min Scan# 2541

Delta R.T. -0.018 min

Lab File: BF136372.D

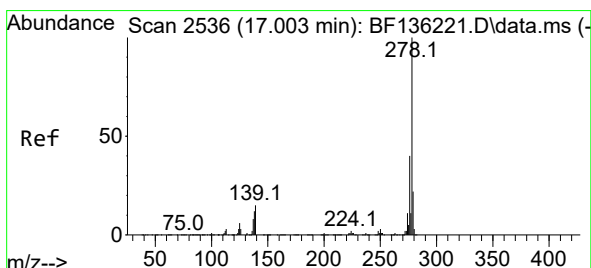
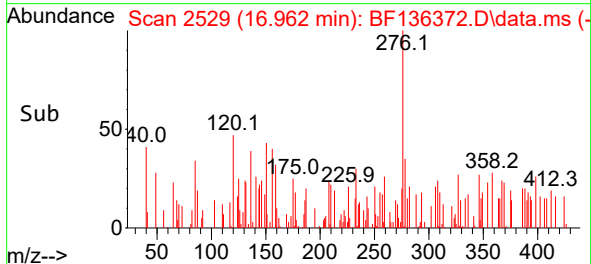
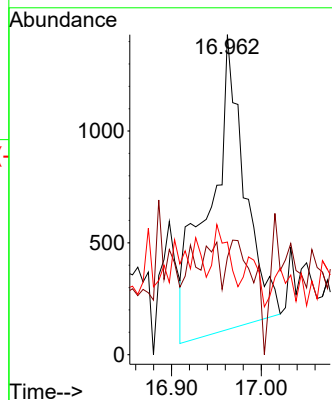
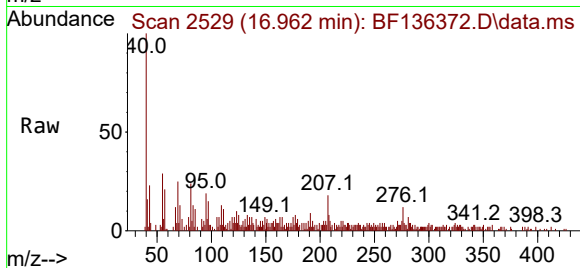
Acq: 02 Dec 2023 10:59

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	276	Resp:	3555
Ion Ratio	Lower	Upper	
276	100		
138	29.6	17.7	26.5#
277	0.0	19.6	29.4#



#91

Dibenzo(a,h)anthracene

Concen: 2.724 ng

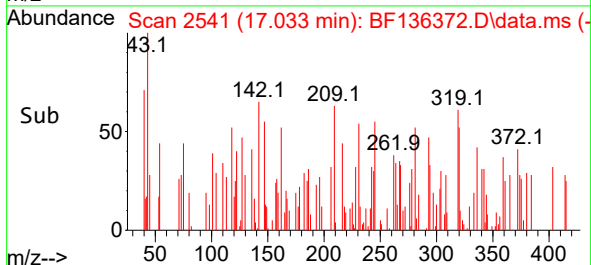
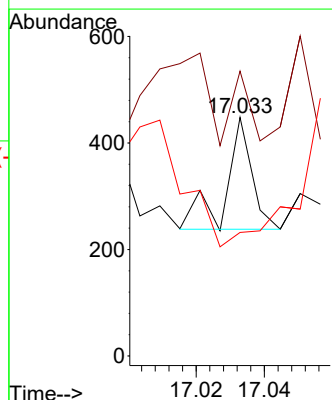
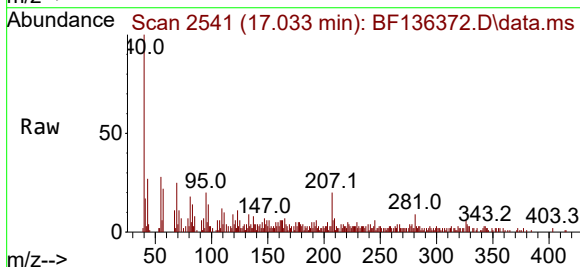
RT: 17.033 min Scan# 2541

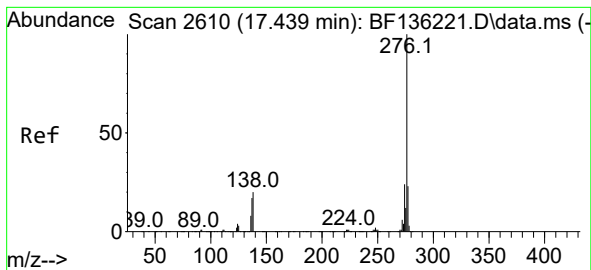
Delta R.T. 0.030 min

Lab File: BF136372.D

Acq: 02 Dec 2023 10:59

Tgt Ion:	278	Resp:	111
Ion Ratio	Lower	Upper	
278	100		
139	119.4	11.7	17.5#
279	51.8	17.8	26.8#





#92

Benzo(g,h,i)perylene

Concen: 2.215 ng

RT: 17.433 min Scan# 20

Delta R.T. -0.006 min

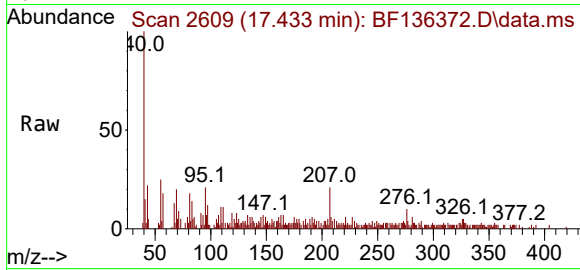
Lab File: BF136372.D

Acq: 02 Dec 2023 10:59

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 3192

Ion Ratio Lower Upper

276 100

277 46.8 18.6 27.8#

138 37.4 15.8 23.8#

