

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136358.D
 Acq On : 02 Dec 2023 03:28
 Operator : CG\JU
 Sample : 05434-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Dec 02 05:54:29 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)

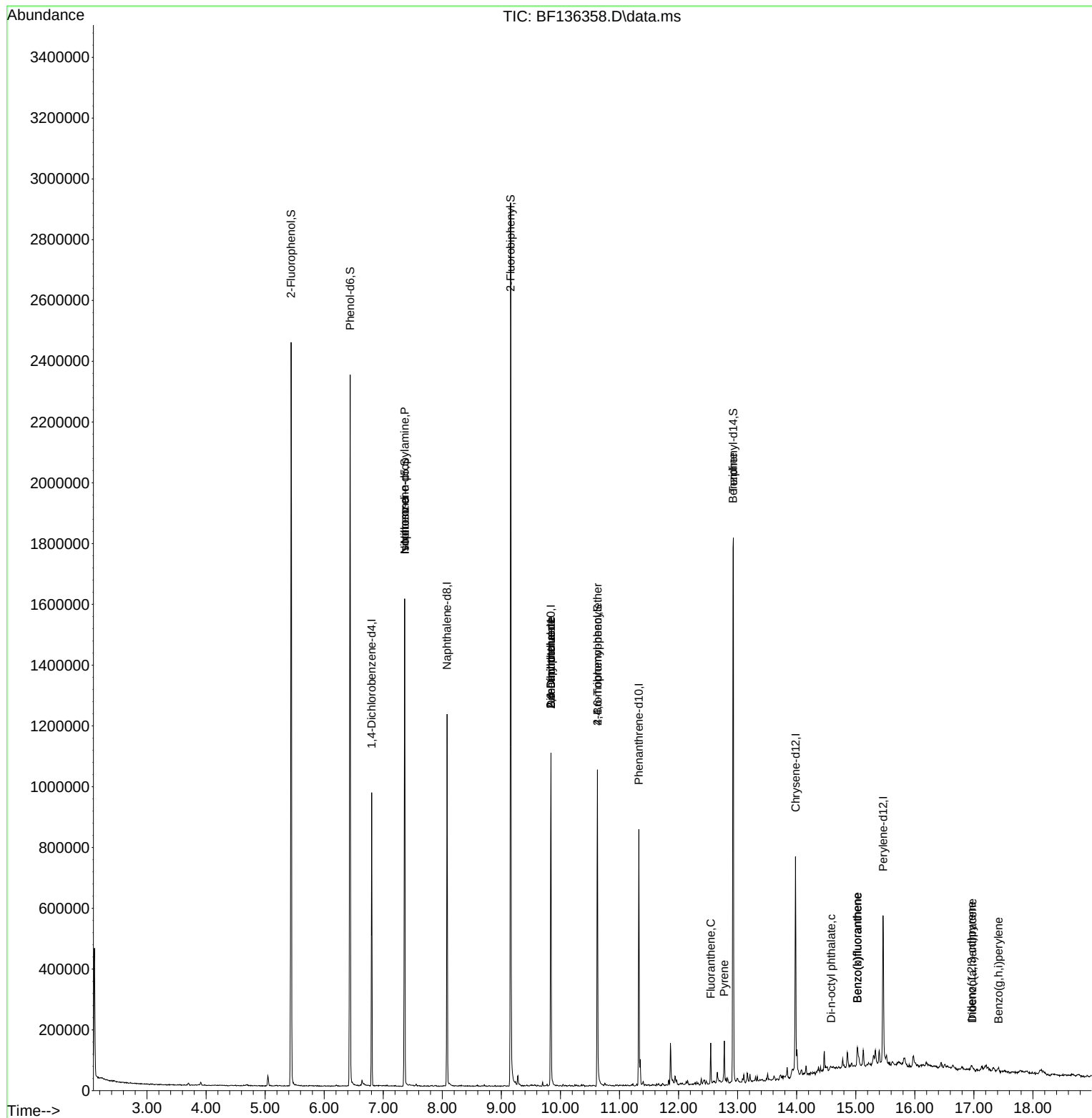
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122522	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	501693	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	214403	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	288822	20.000	ng	0.00
76) Chrysene-d12	13.980	240	222261	20.000	ng	-0.01
86) Perylene-d12	15.462	264	238733	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	691845	78.594	ng	0.00
7) Phenol-d6	6.440	99	835036	75.866	ng	0.00
23) Nitrobenzene-d5	7.363	82	509490	53.665	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	130294	49.707	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	936404	55.786	ng	-0.01
79) Terphenyl-d14	12.927	244	679478	35.263	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	66322	10.075	ng	# 77
25) Isophorone	7.363	82	509486	29.761	ng	# 68
50) Dimethylphthalate	9.839	163	42292	2.610	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	27952	8.443	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	28008	6.334	ng	# 28
67) 4-Bromophenyl-phenylether	10.628	248	8251	2.449	ng	# 1
75) Fluoranthene	12.545	202	49113	2.980	ng	92
77) Benzidine	12.921	184	8372	2.291	ng	# 94
78) Pyrene	12.774	202	50667	2.082	ng	# 94
85) Di-n-octyl phthalate	14.586	149	595	5.198	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.962	276	12177	3.323	ng	# 90
88) Benzo(b)fluoranthene	15.027	252	45617	2.724	ng	# 86
89) Benzo(k)fluoranthene	15.027	252	45617	2.868	ng	# 85
91) Dibenzo(a,h)anthracene	16.974	278	4111	2.984	ng	# 80
92) Benzo(g,h,i)perylene	17.415	276	13127	2.778	ng	94

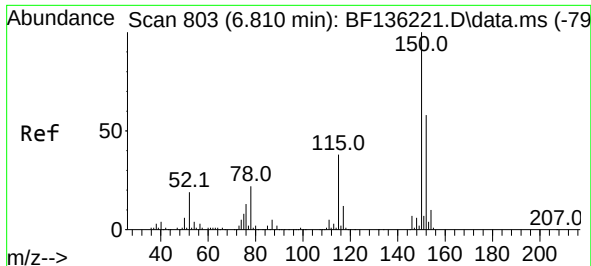
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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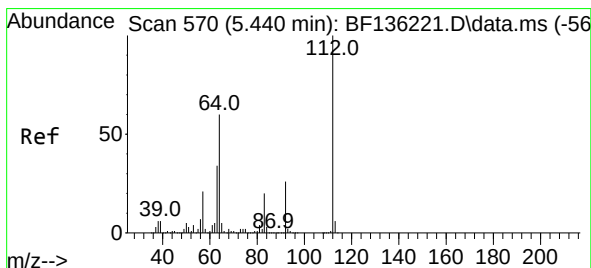
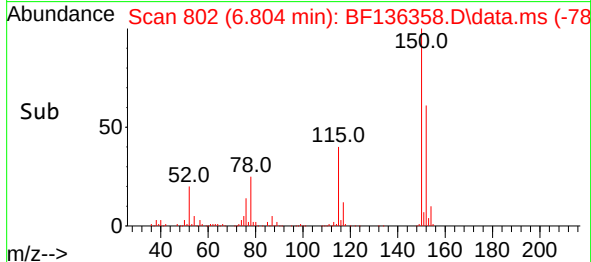
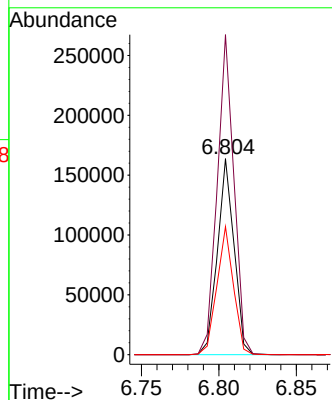
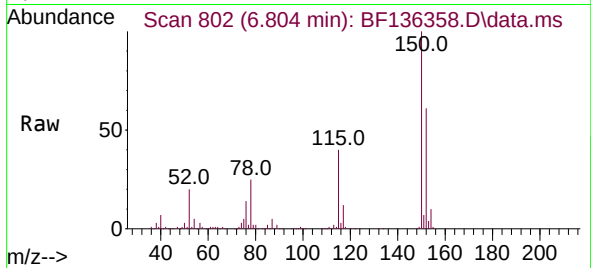




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

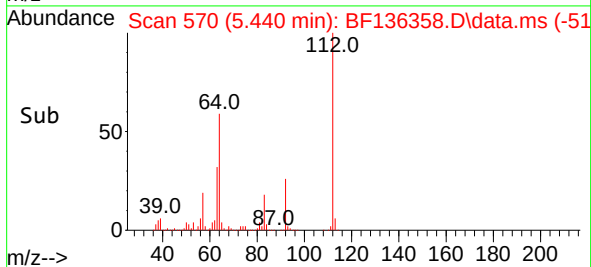
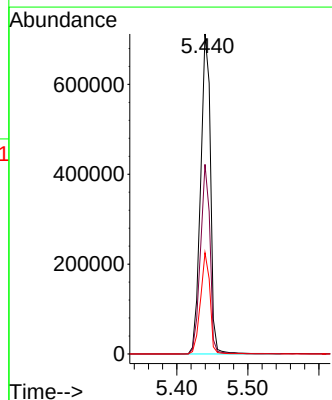
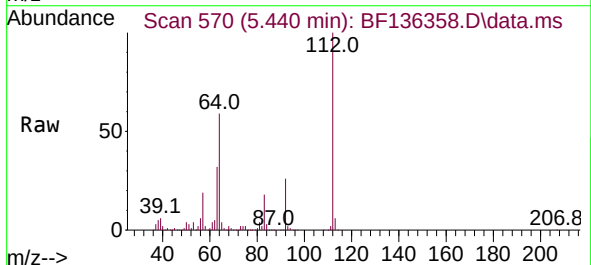
Instrument :
BNA_F
ClientSampleId :
COMP-3

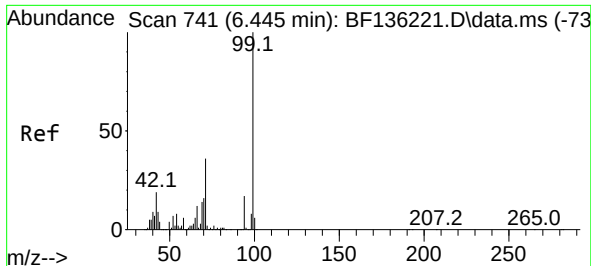
Tgt Ion:152 Resp: 122522
Ion Ratio Lower Upper
152 100
150 163.3 137.8 206.8
115 65.3 52.7 79.1



#5
2-Fluorophenol
Concen: 78.594 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

Tgt Ion:112 Resp: 691845
Ion Ratio Lower Upper
112 100
64 59.3 48.2 72.4
63 31.7 27.0 40.6

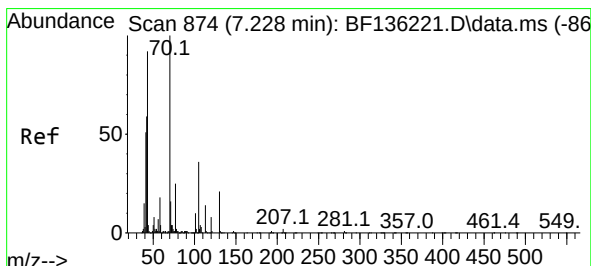
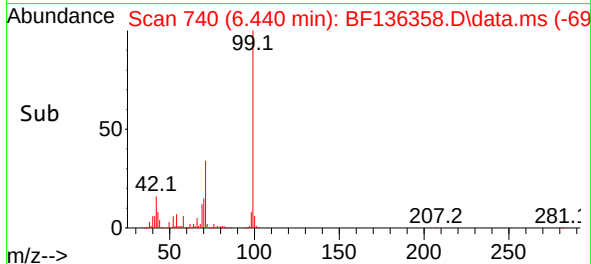
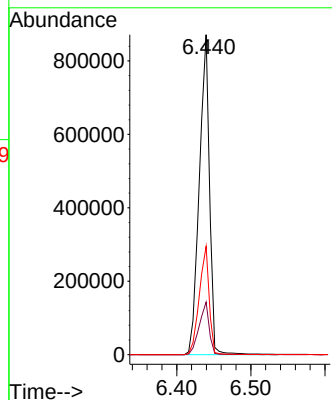
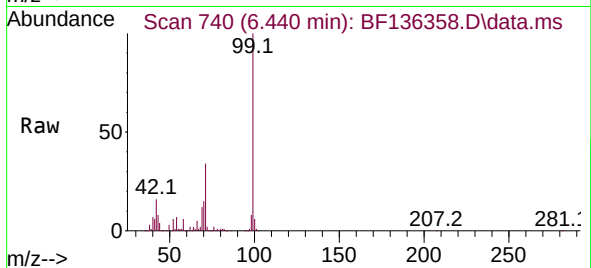




#7
Phenol-d6
Concen: 75.866 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

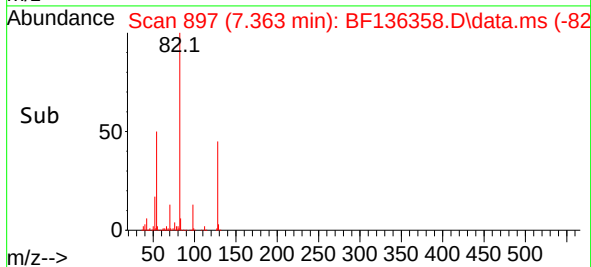
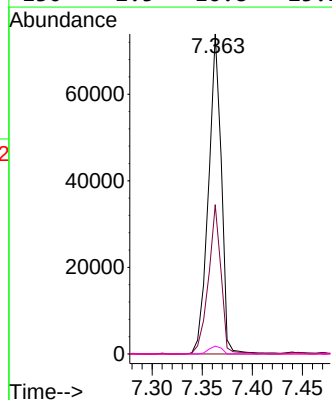
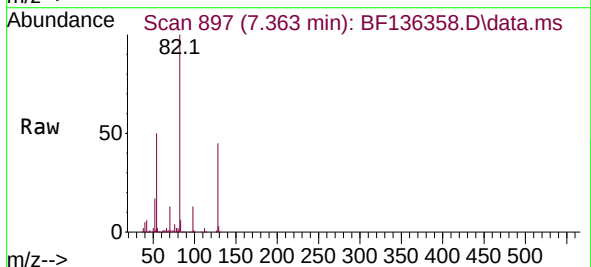
Instrument :
BNA_F
ClientSampleId :
COMP-3

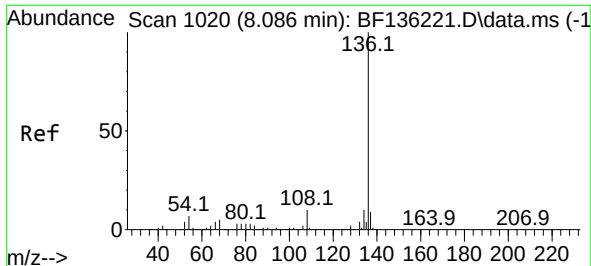
Tgt Ion: 99 Resp: 835036
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 33.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.075 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

Tgt Ion: 70 Resp: 66322
Ion Ratio Lower Upper
70 100
42 46.7 47.0 70.4#
101 0.0 7.8 11.8#
130 2.5 16.8 25.2#

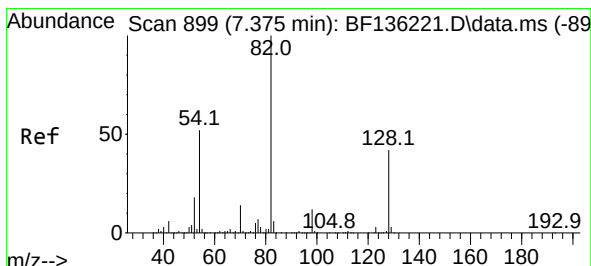
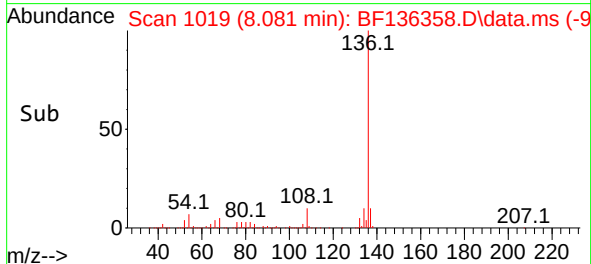
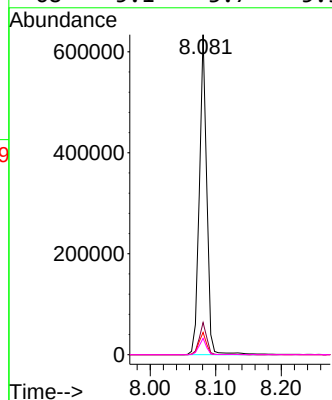
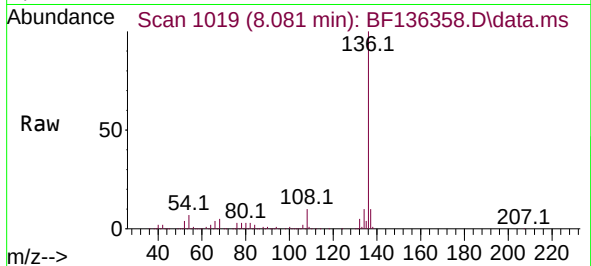




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

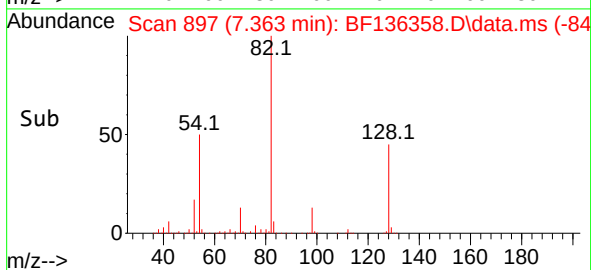
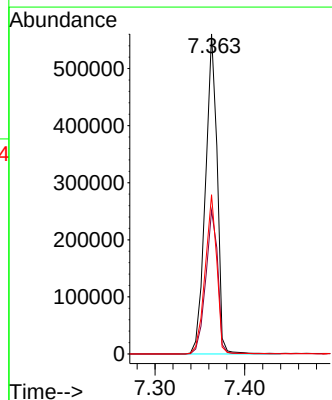
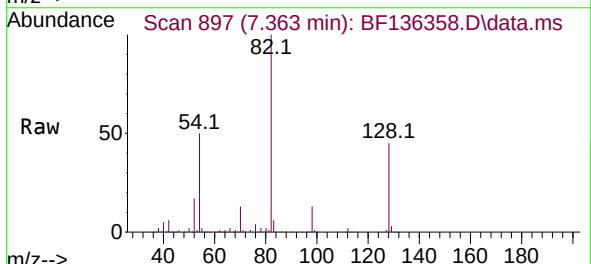
Instrument :
BNA_F
ClientSampleId :
COMP-3

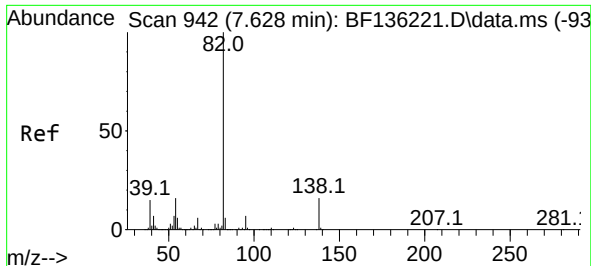
Tgt Ion:136 Resp: 501693
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 7.0 5.5 8.3
68 5.1 3.7 5.5



#23
Nitrobenzene-d5
Concen: 53.665 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

Tgt Ion: 82 Resp: 509490
Ion Ratio Lower Upper
82 100
128 44.9 33.4 50.2
54 49.7 41.7 62.5

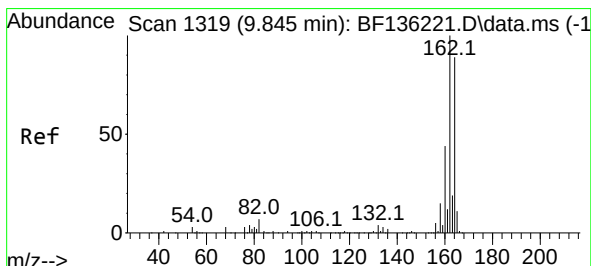
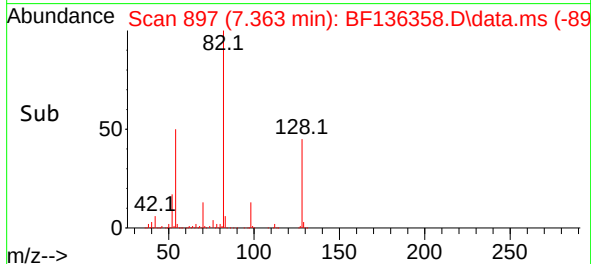
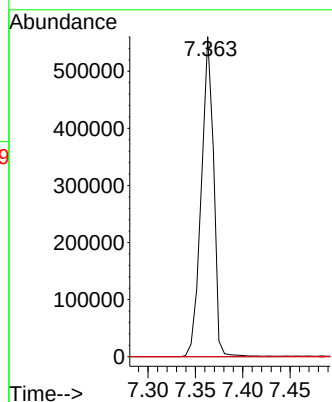
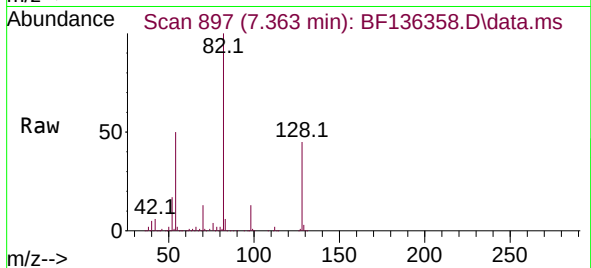




#25
Isophorone
Concen: 29.761 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

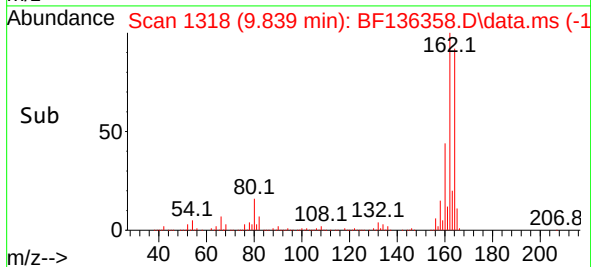
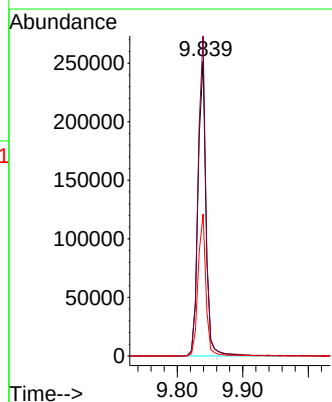
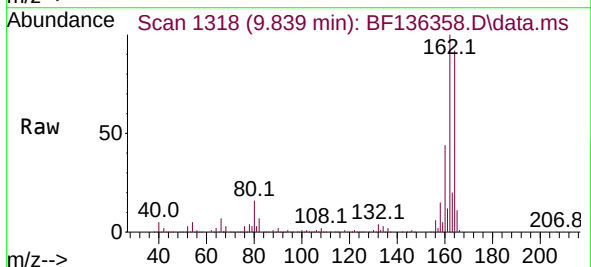
Instrument :
BNA_F
ClientSampleId :
COMP-3

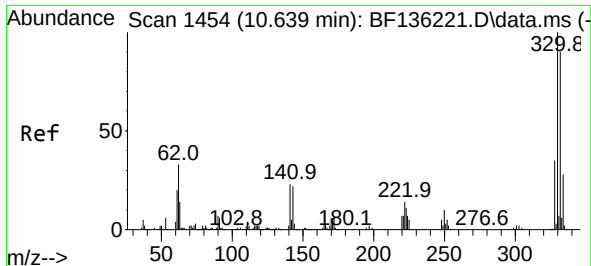
Tgt Ion: 82 Resp: 509486
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

Tgt Ion: 164 Resp: 214403
Ion Ratio Lower Upper
164 100
162 108.5 89.5 134.3
160 48.1 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 49.707 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136358.D

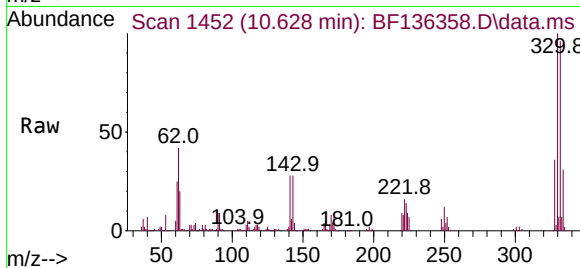
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Instrument :

BNA_F

ClientSampleId :

COMP-3



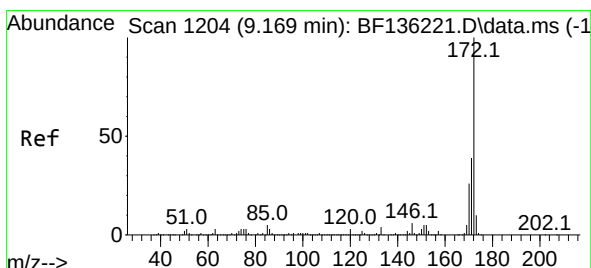
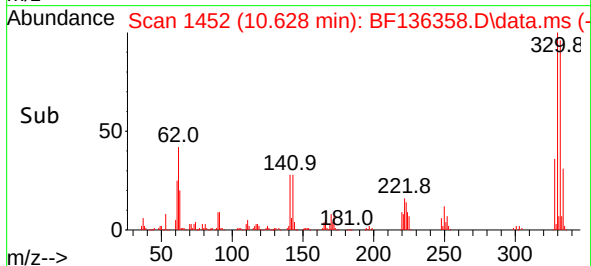
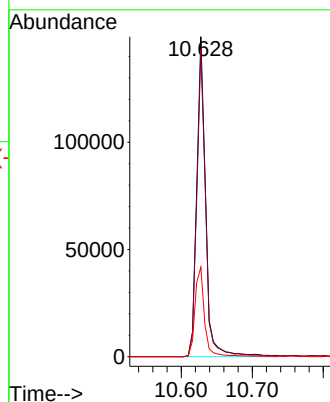
Tgt Ion:330 Resp: 130294

Ion Ratio Lower Upper

330 100

332 96.3 73.0 109.6

141 30.1 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 55.786 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136358.D

Acq: 02 Dec 2023 03:28

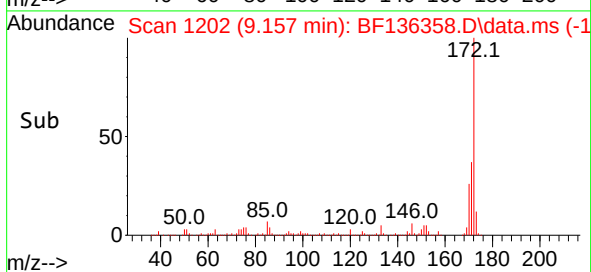
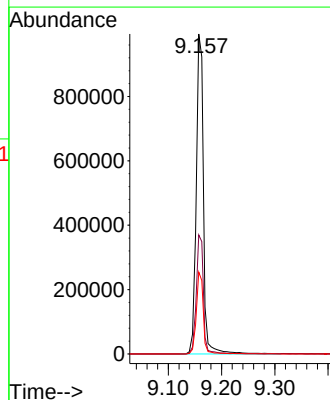
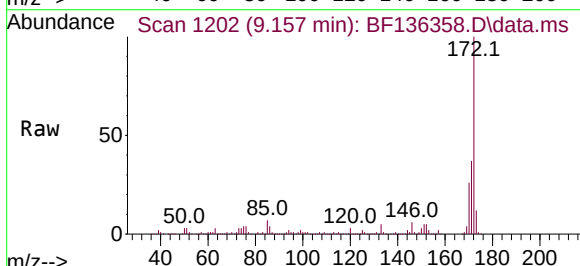
Tgt Ion:172 Resp: 936404

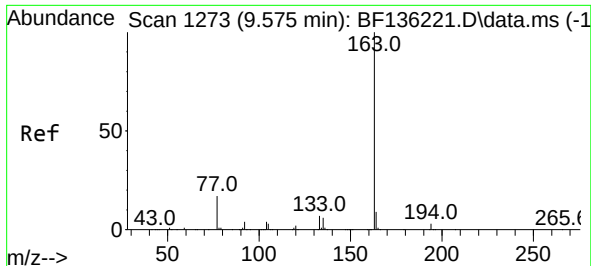
Ion Ratio Lower Upper

172 100

171 37.2 31.5 47.3

170 25.6 20.8 31.2

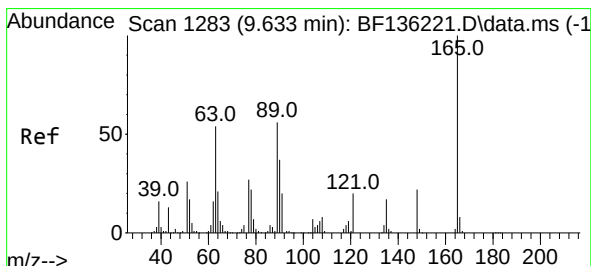
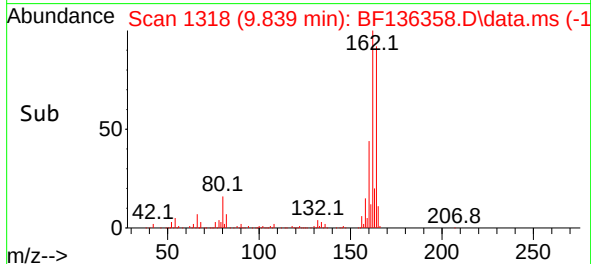
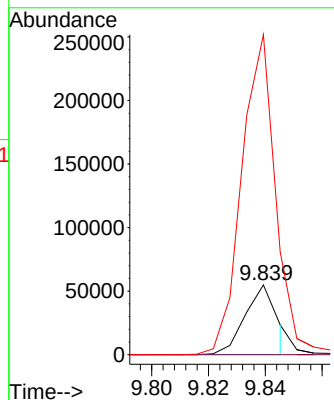
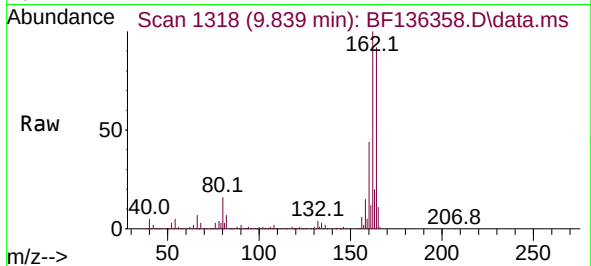




#50
Dimethylphthalate
Concen: 2.610 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

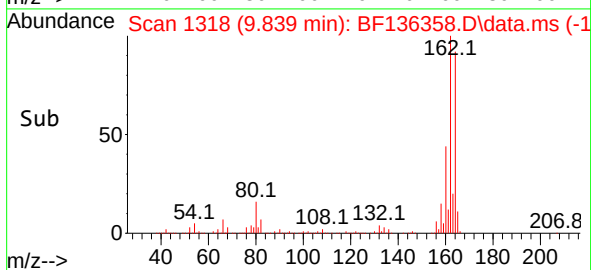
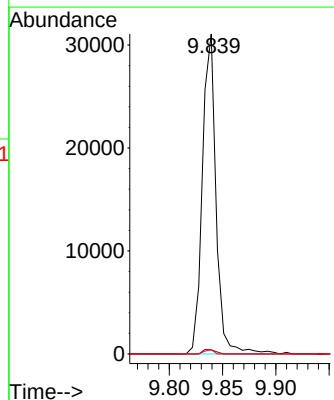
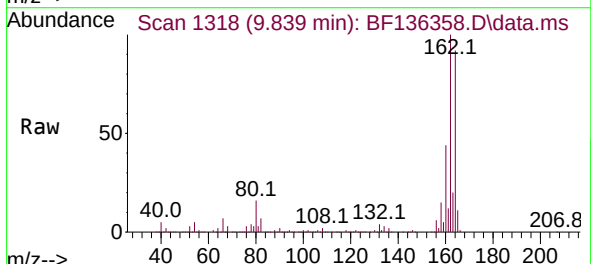
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BNA_F
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COMP-3

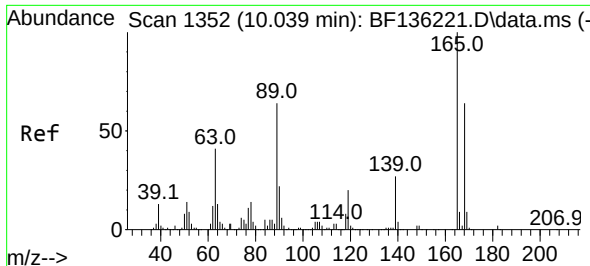
Tgt Ion:163 Resp: 42292
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 458.7 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.443 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

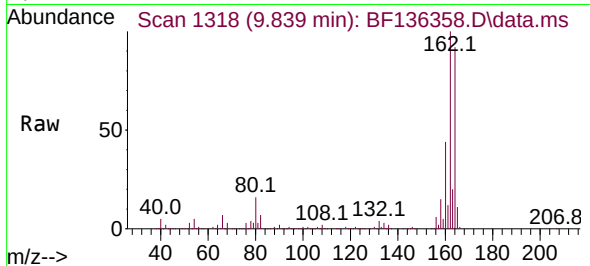
Tgt Ion:165 Resp: 27952
Ion Ratio Lower Upper
165 100
63 1.3 46.2 69.2#
89 1.3 44.9 67.3#



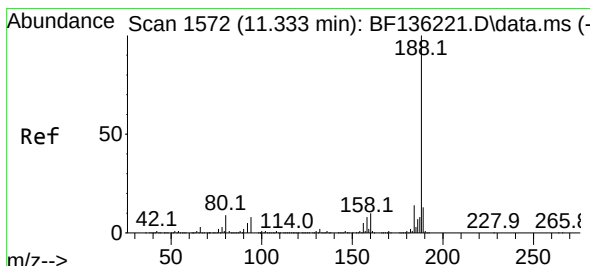
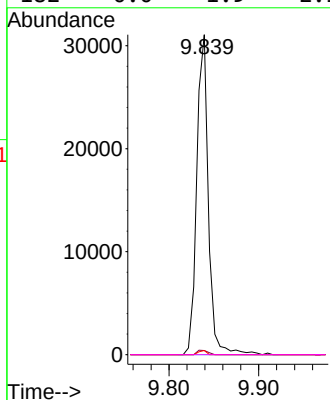
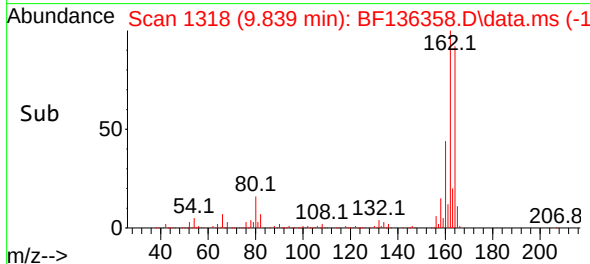


#57
2,4-Dinitrotoluene
Concen: 6.334 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

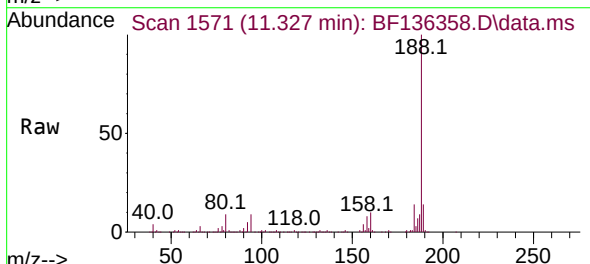
Instrument :
BNA_F
ClientSampleId :
COMP-3



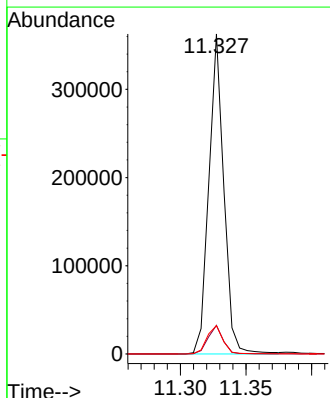
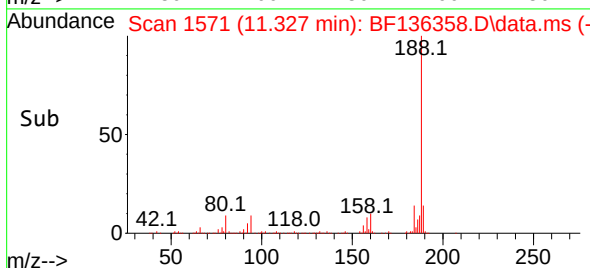
Tgt Ion:165 Resp: 28008
Ion Ratio Lower Upper
165 100
63 1.3 33.0 49.4#
89 1.3 51.5 77.3#
182 0.0 1.9 2.9#

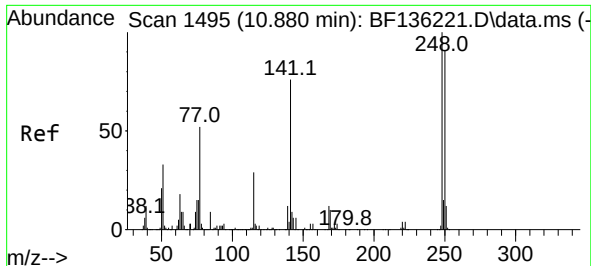


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28



Tgt Ion:188 Resp: 288822
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 8.8 7.2 10.8

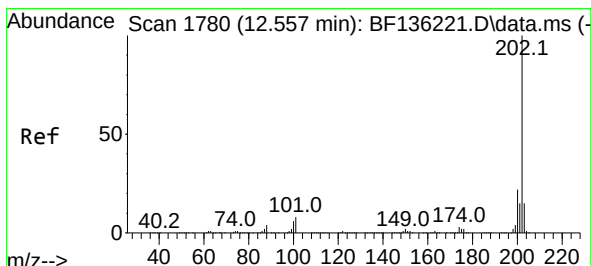
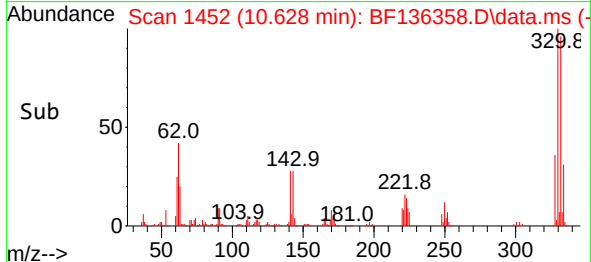
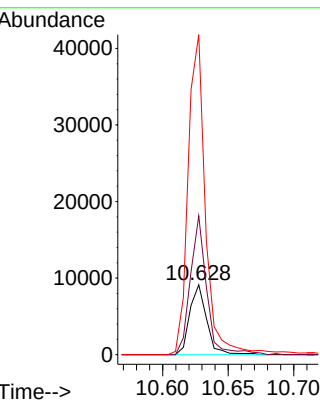
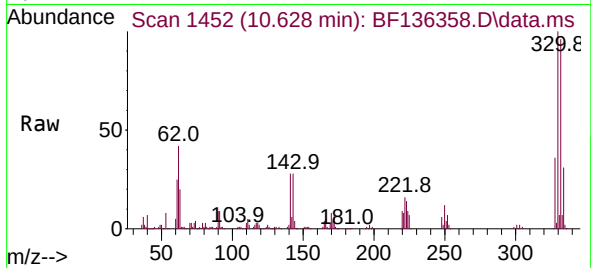




#67
4-Bromophenyl-phenylether
Concen: 2.449 ng
RT: 10.628 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

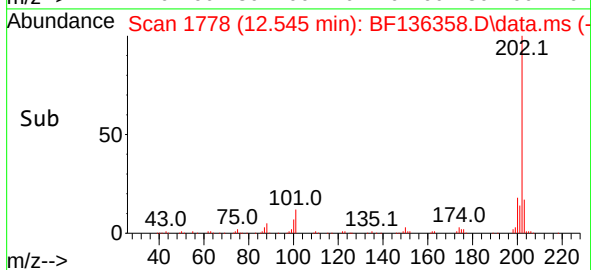
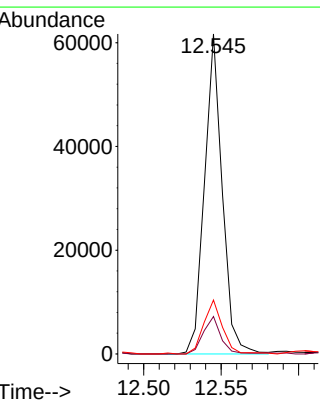
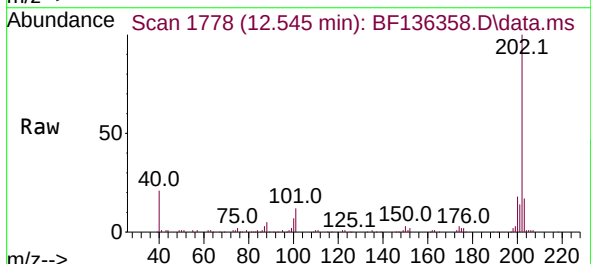
Instrument :
BNA_F
ClientSampleId :
COMP-3

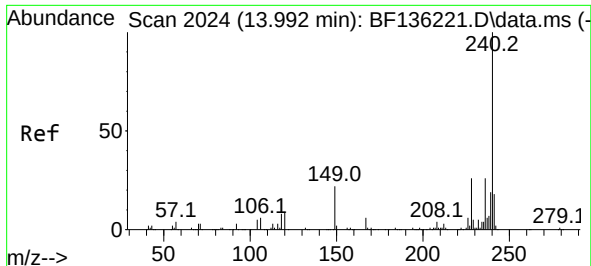
Tgt Ion:248 Resp: 8251
Ion Ratio Lower Upper
248 100
250 198.6 72.5 108.7#
141 457.5 60.8 91.2#



#75
Fluoranthene
Concen: 2.980 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

Tgt Ion:202 Resp: 49113
Ion Ratio Lower Upper
202 100
101 11.7 0.0 27.8
203 16.9 0.0 34.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136358.D

Acq: 02 Dec 2023 03:28

Instrument :

BNA_F

ClientSampleId :

COMP-3

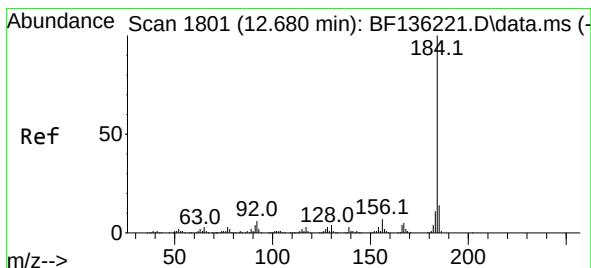
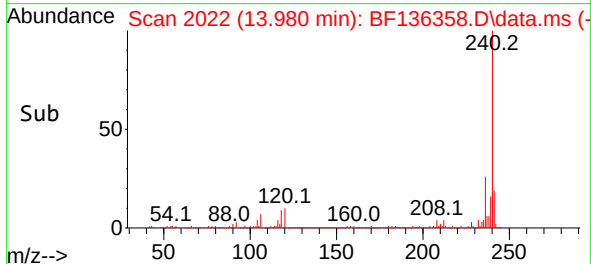
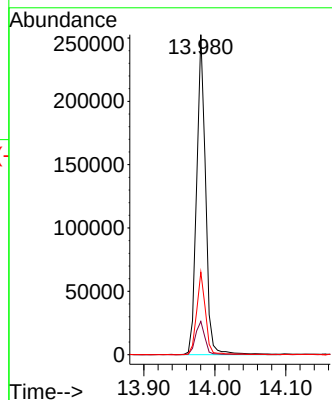
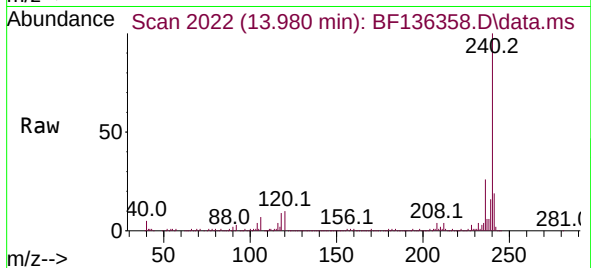
Tgt Ion:240 Resp: 222261

Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.2

236 25.8 21.1 31.7



#77

Benzidine

Concen: 2.291 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.241 min

Lab File: BF136358.D

Acq: 02 Dec 2023 03:28

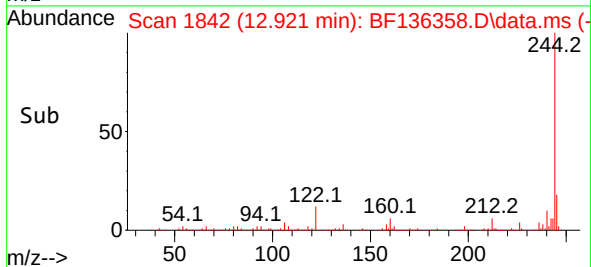
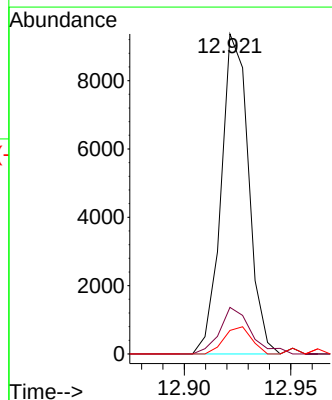
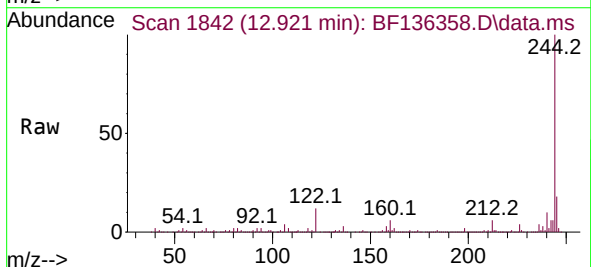
Tgt Ion:184 Resp: 8372

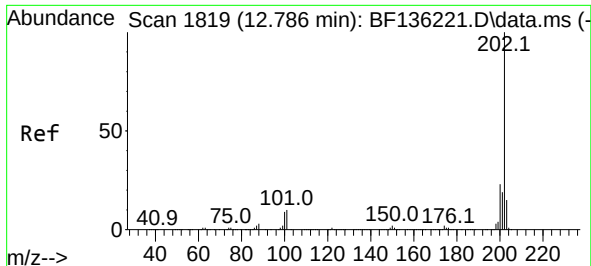
Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.6

183 7.4 9.0 13.4#

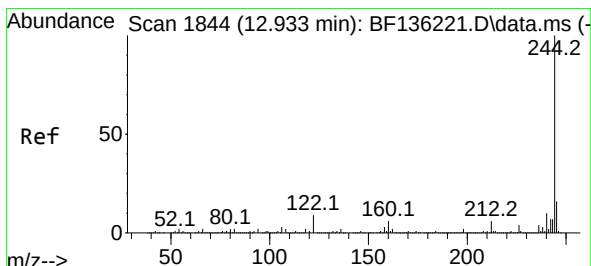
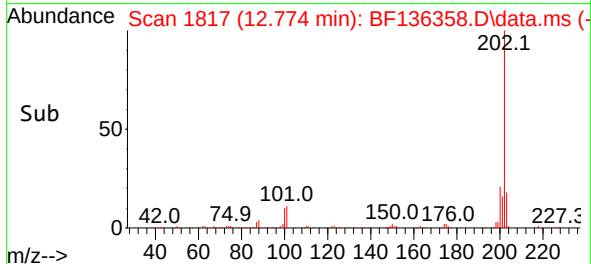
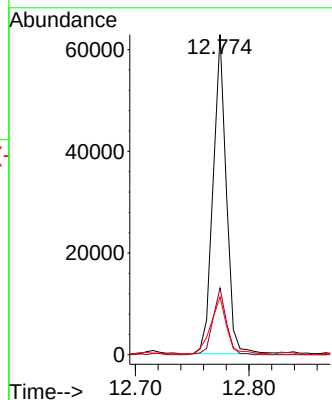
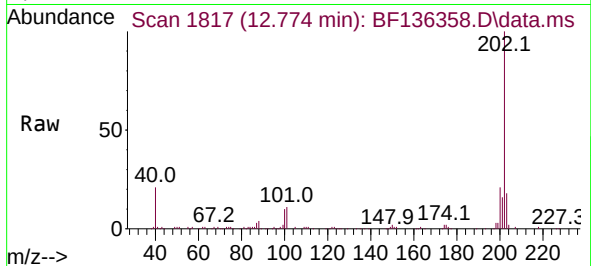




#78
Pyrene
Concen: 2.082 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.012 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

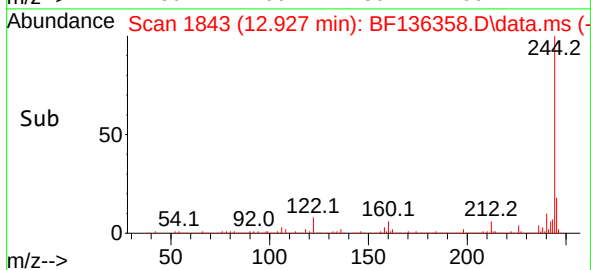
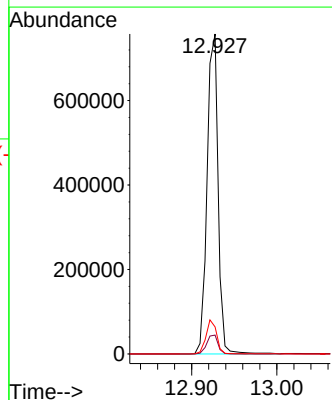
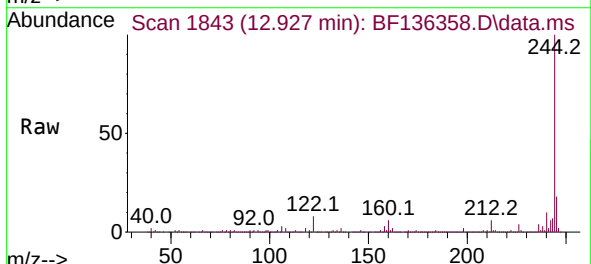
Instrument :
BNA_F
ClientSampleId :
COMP-3

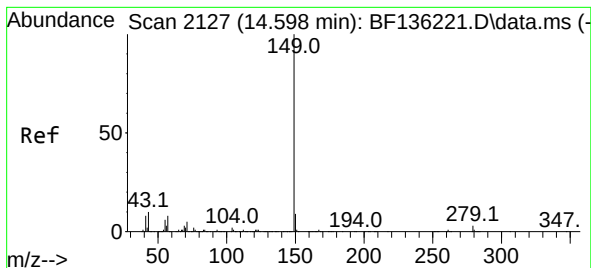
Tgt Ion:202 Resp: 50667
Ion Ratio Lower Upper
202 100
200 20.8 18.4 27.6
203 18.1 11.8 17.6#



#79
Terphenyl-d14
Concen: 35.263 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

Tgt Ion:244 Resp: 679478
Ion Ratio Lower Upper
244 100
212 5.9 4.6 7.0
122 8.5 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.198 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF136358.D

Acq: 02 Dec 2023 03:28

Instrument :

BNA_F

ClientSampleId :

COMP-3

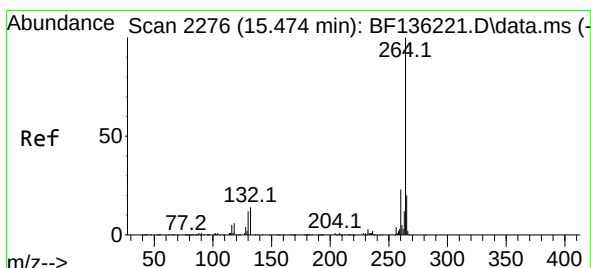
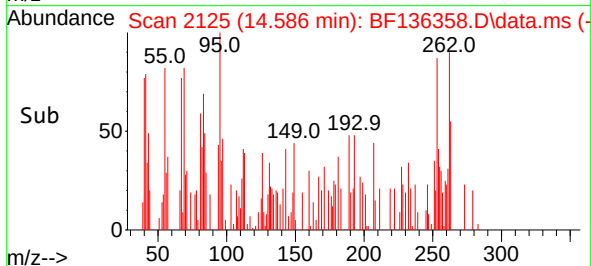
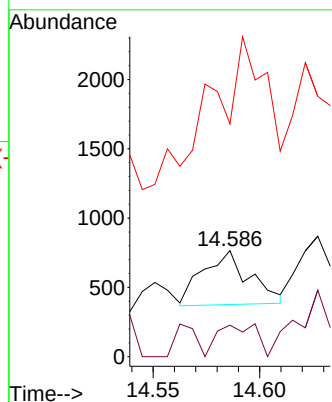
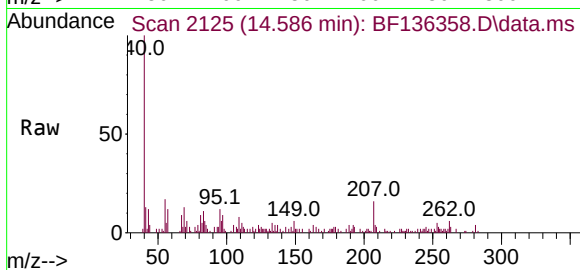
Tgt Ion:149 Resp: 595

Ion Ratio Lower Upper

149 100

167 49.2 1.0 1.6#

43 340.5 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF136358.D

Acq: 02 Dec 2023 03:28

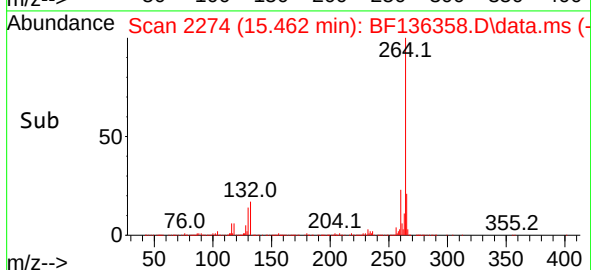
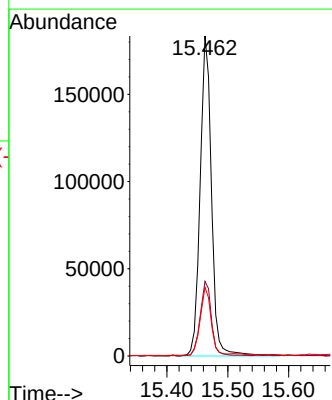
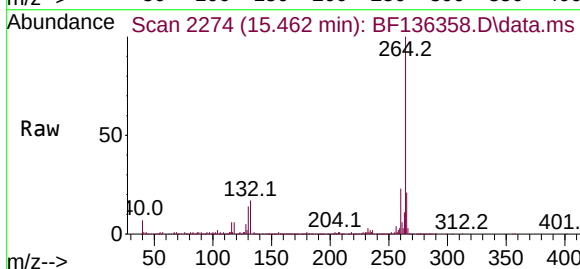
Tgt Ion:264 Resp: 238733

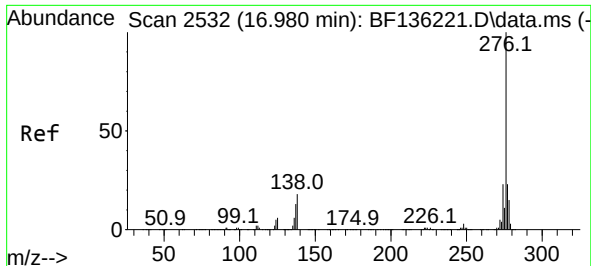
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.4 15.7 23.5

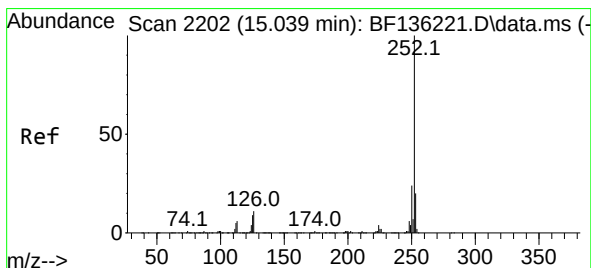
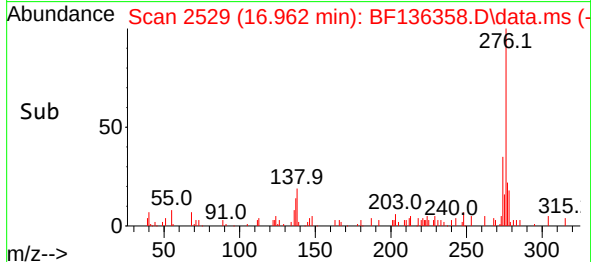
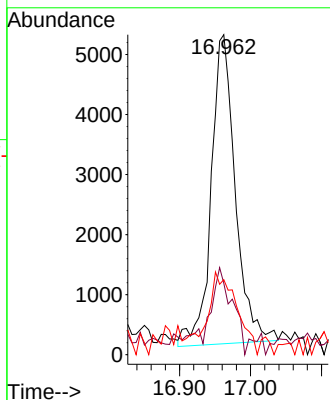
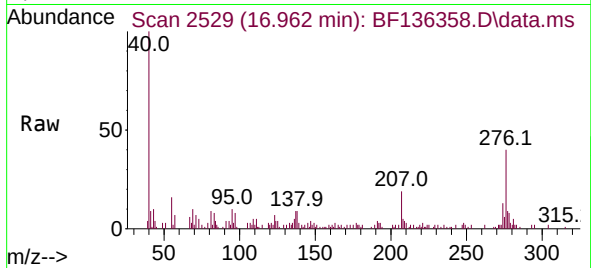




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.323 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

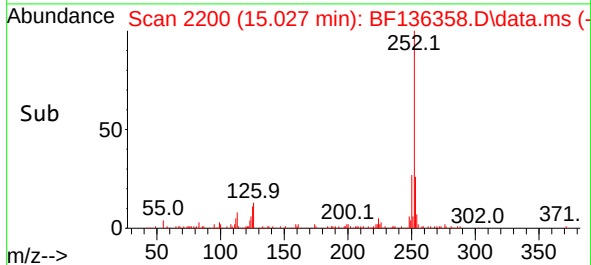
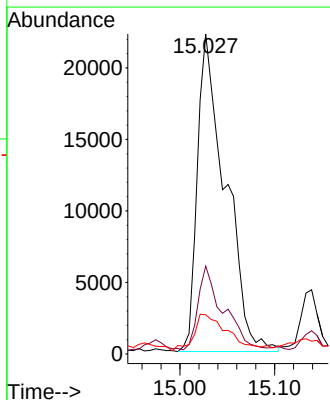
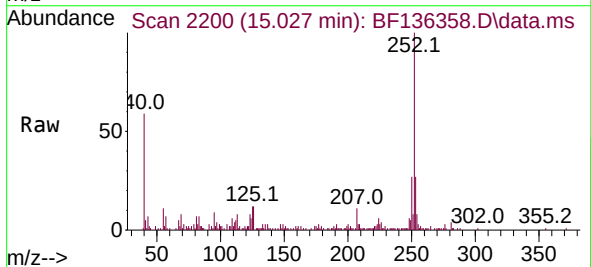
Instrument :
BNA_F
ClientSampleId :
COMP-3

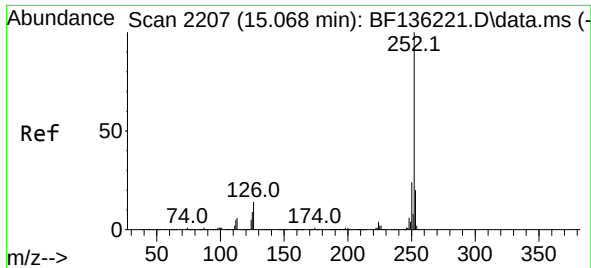
Tgt Ion:276 Resp: 12177
Ion Ratio Lower Upper
276 100
138 20.8 17.7 26.5
277 32.9 19.6 29.4#



#88
Benzo(b)fluoranthene
Concen: 2.724 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

Tgt Ion:252 Resp: 45617
Ion Ratio Lower Upper
252 100
253 27.5 16.2 24.2#
125 12.3 6.9 10.3#

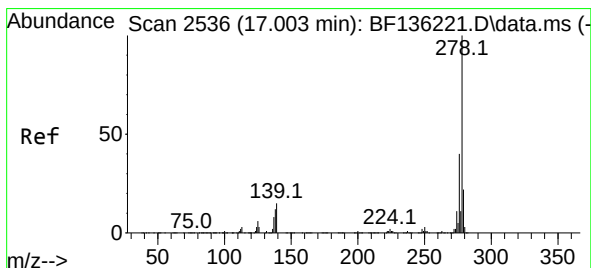
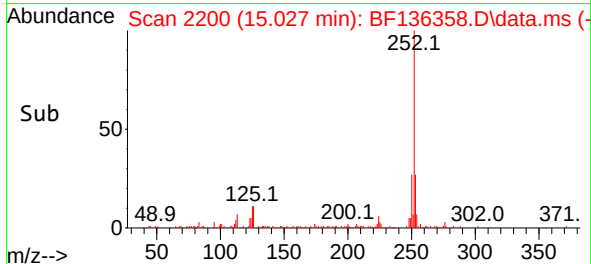
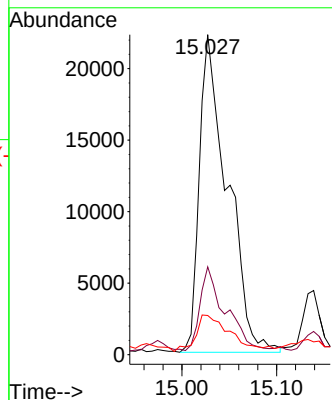
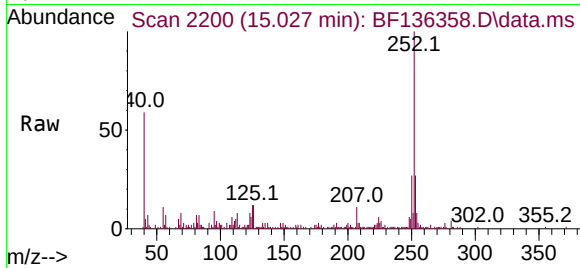




#89
Benzo(k)fluoranthene
Concen: 2.868 ng
RT: 15.027 min Scan# 211
Delta R.T. -0.041 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

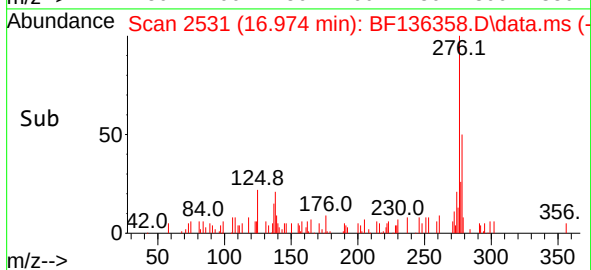
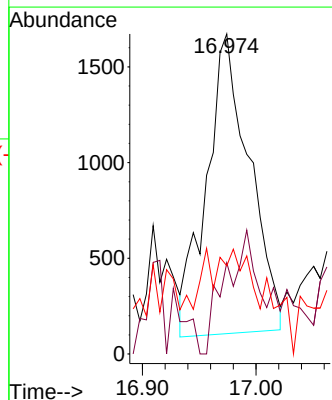
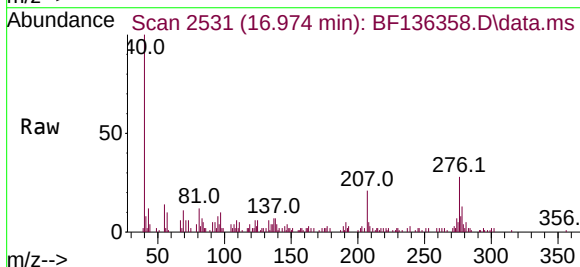
Instrument :
BNA_F
ClientSampleId :
COMP-3

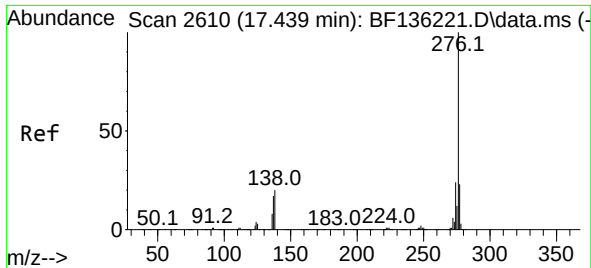
Tgt Ion:252 Resp: 45617
Ion Ratio Lower Upper
252 100
253 27.5 15.6 23.4#
125 12.3 7.0 10.4#



#91
Dibenzo(a,h)anthracene
Concen: 2.984 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.029 min
Lab File: BF136358.D
Acq: 02 Dec 2023 03:28

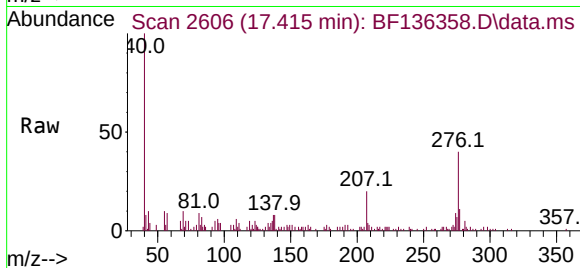
Tgt Ion:278 Resp: 4111
Ion Ratio Lower Upper
278 100
139 28.5 11.7 17.5#
279 27.6 17.8 26.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.778 ng
 RT: 17.415 min Scan# 20
 Delta R.T. -0.024 min
 Lab File: BF136358.D
 Acq: 02 Dec 2023 03:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3



Tgt Ion:	276	Resp:	13127
Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.6	27.8
138	20.5	15.8	23.8

