

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136373.D
 Acq On : 02 Dec 2023 11:29
 Operator : CG\JU
 Sample : 05434-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: Dec 03 07:25:35 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)

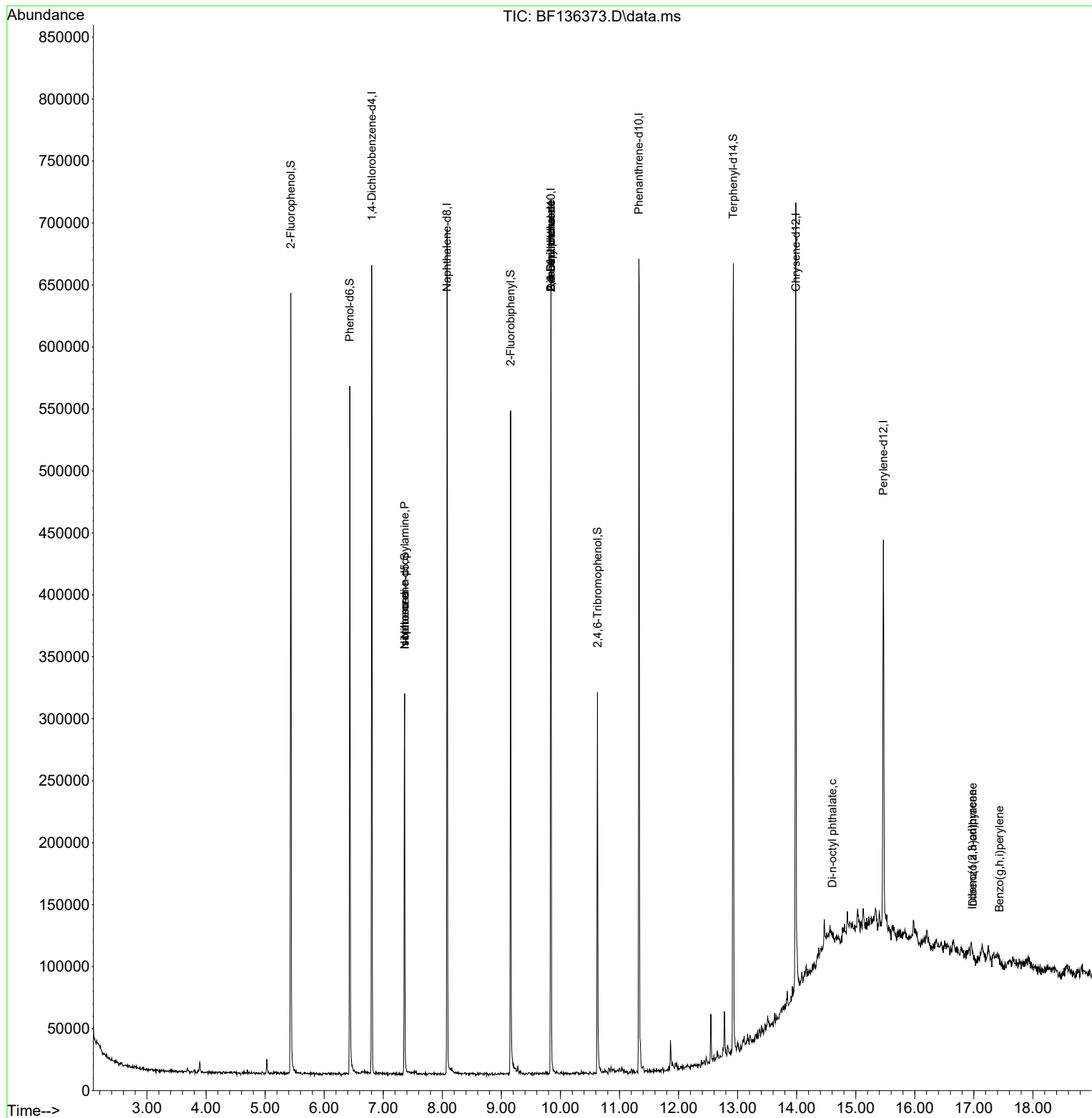
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	93311	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	293543	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	127145	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	261651	20.000	ng	0.00
76) Chrysene-d12	13.986	240	226679	20.000	ng	0.00
86) Perylene-d12	15.468	264	155405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	164661	24.561	ng	0.00
7) Phenol-d6	6.434	99	167414	19.972	ng	-0.01
23) Nitrobenzene-d5	7.363	82	93662	16.861	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	37662	24.228	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	163672	16.443	ng	-0.01
79) Terphenyl-d14	12.927	244	234478	11.932	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.363	70	11060	2.206	ng	# 76
25) Isophorone	7.363	82	93661	9.351	ng	# 68
50) Dimethylphthalate	9.839	163	24901	2.591	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	15911	8.105	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	15911	6.067	ng	# 28
85) Di-n-octyl phthalate	14.604	149	630	5.200	ng	# 78
87) Indeno(1,2,3-cd)pyrene	16.974	276	5104	3.094	ng	# 64
91) Dibenzo(a,h)anthracene	16.980	278	2570	2.973	ng	# 47
92) Benzo(g,h,i)perylene	17.433	276	5231	2.438	ng	# 66

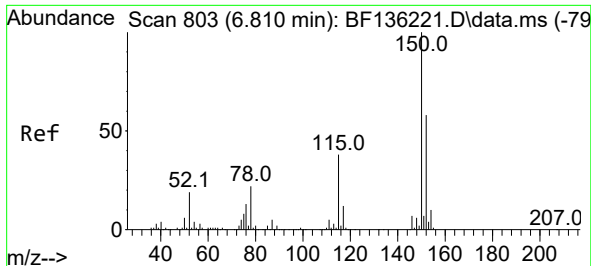
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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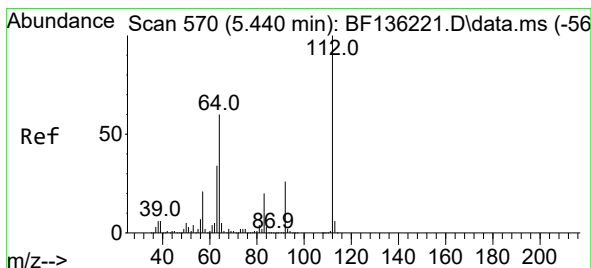
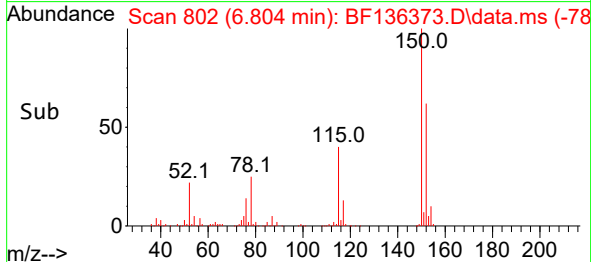
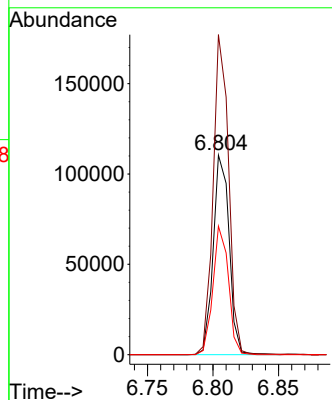
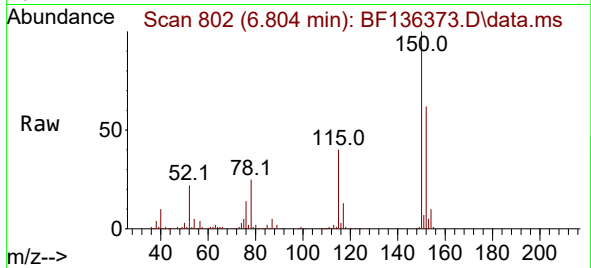




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

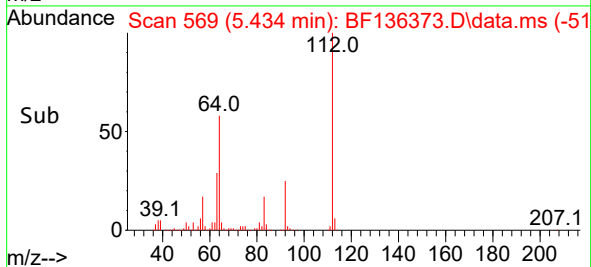
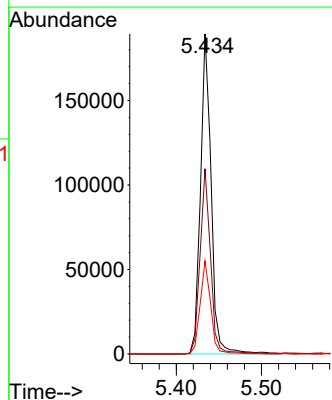
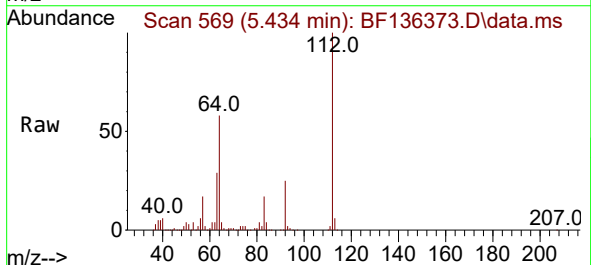
Instrument :
BNA_F
ClientSampleId :
COMP-5

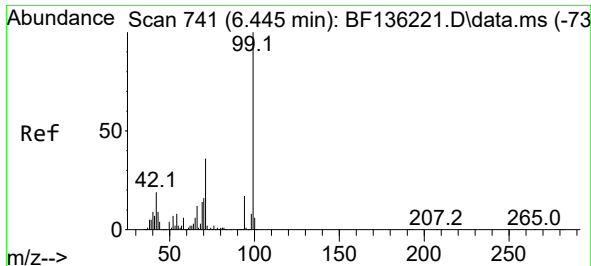
Tgt Ion:152 Resp: 93311
Ion Ratio Lower Upper
152 100
150 160.3 137.8 206.8
115 64.4 52.7 79.1



#5
2-Fluorophenol
Concen: 24.561 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

Tgt Ion:112 Resp: 164661
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.4
63 29.1 27.0 40.6

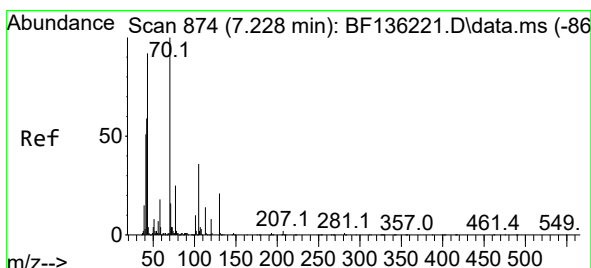
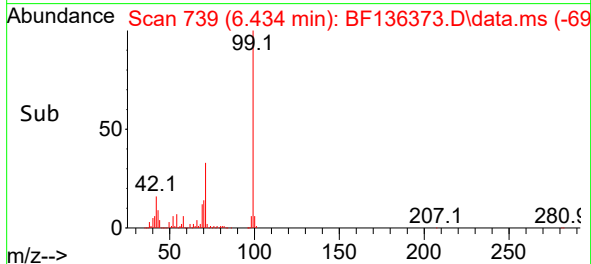
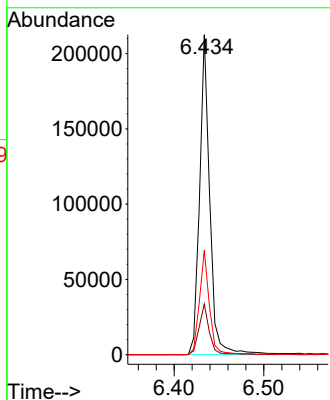
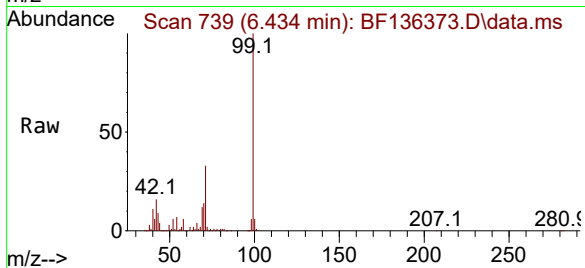




#7
Phenol-d6
Concen: 19.972 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

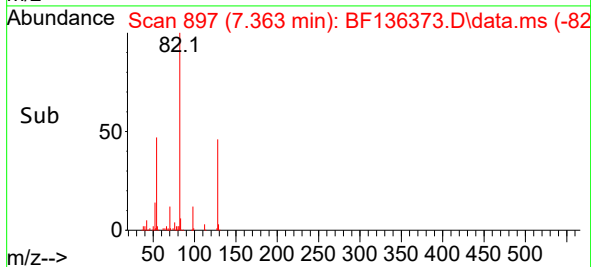
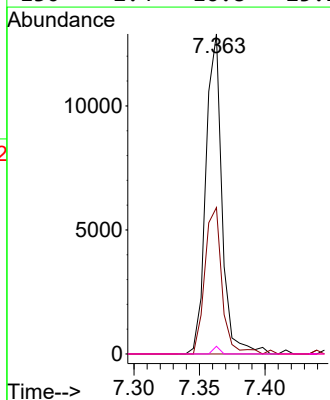
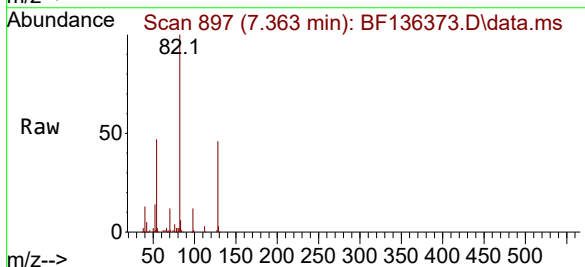
Instrument :
BNA_F
ClientSampleId :
COMP-5

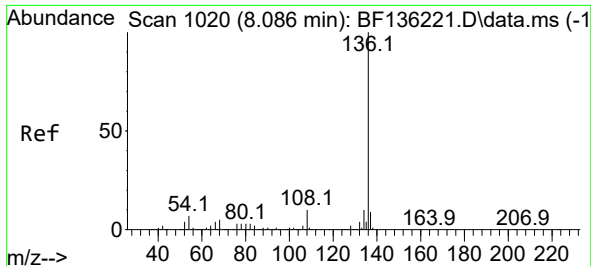
Tgt Ion: 99 Resp: 167414
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.6
71 32.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.206 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

Tgt Ion: 70 Resp: 11060
Ion Ratio Lower Upper
70 100
42 45.7 47.0 70.4#
101 0.0 7.8 11.8#
130 2.4 16.8 25.2#

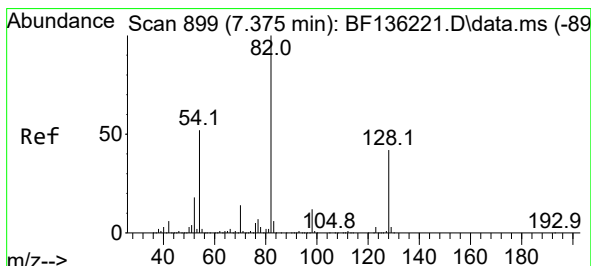
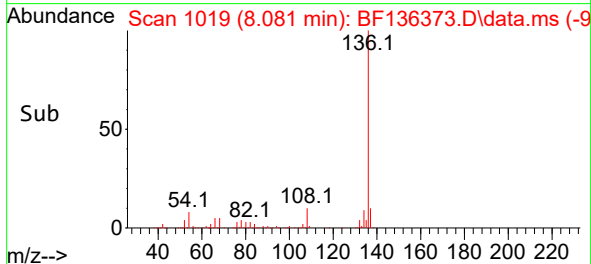
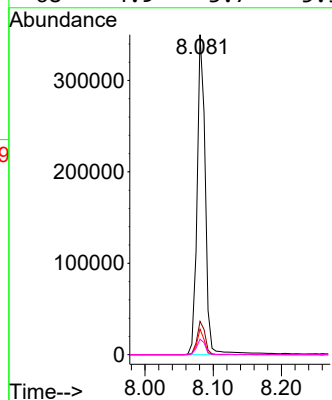
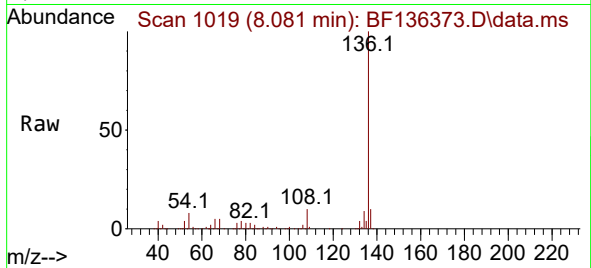




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

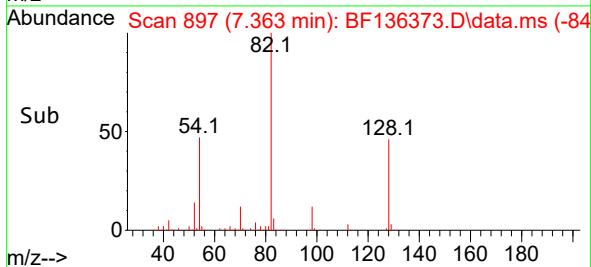
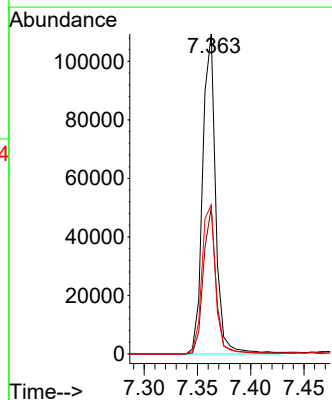
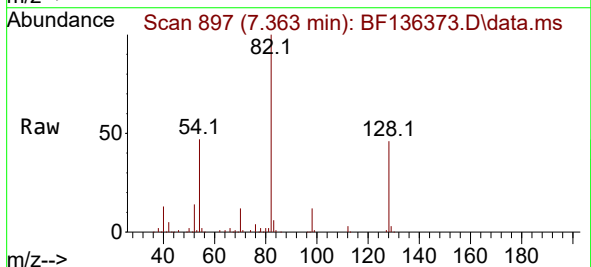
Instrument :
BNA_F
ClientSampleId :
COMP-5

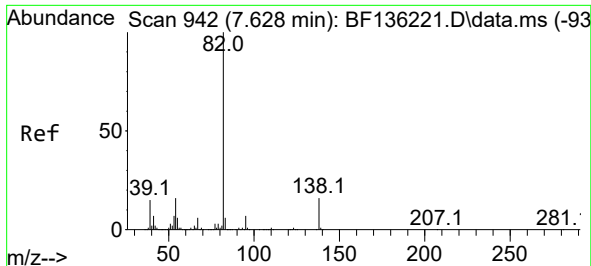
Tgt Ion:136 Resp: 293543
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.2
54 8.0 5.5 8.3
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 16.861 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

Tgt Ion: 82 Resp: 93662
Ion Ratio Lower Upper
82 100
128 45.7 33.4 50.2
54 46.6 41.7 62.5

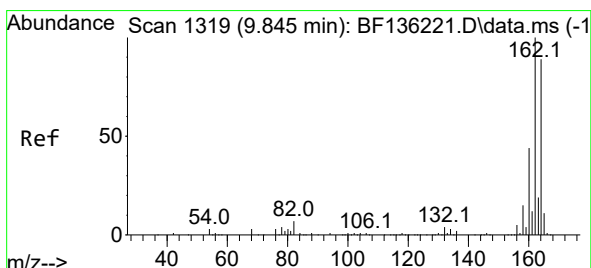
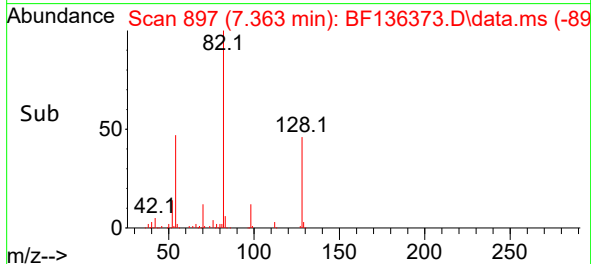
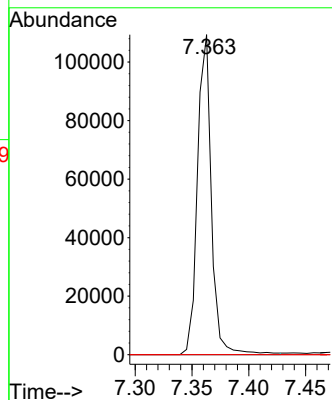
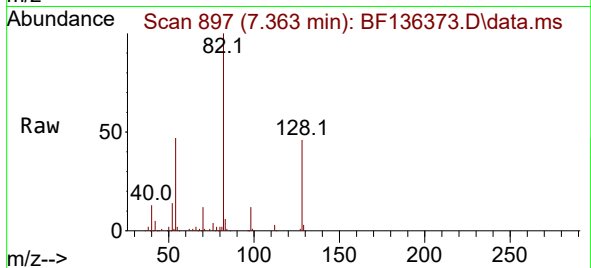




#25
Isophorone
Concen: 9.351 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

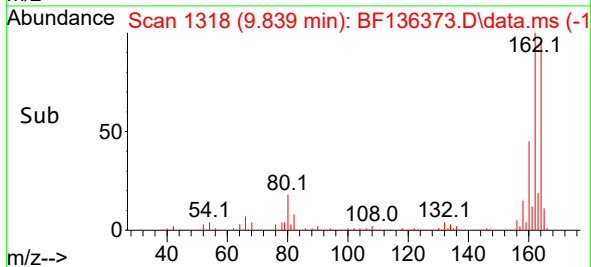
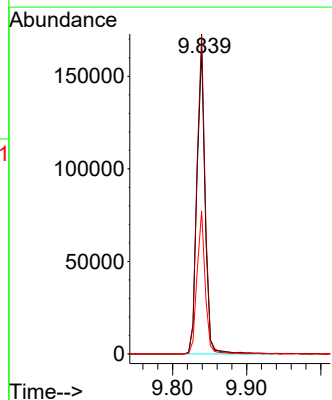
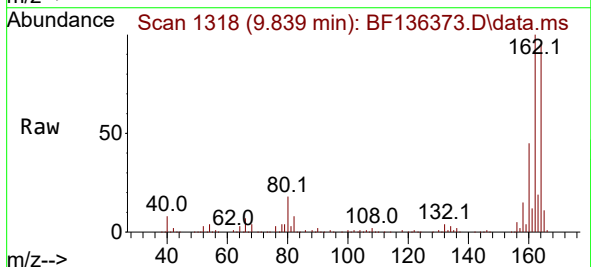
Instrument :
BNA_F
ClientSampleId :
COMP-5

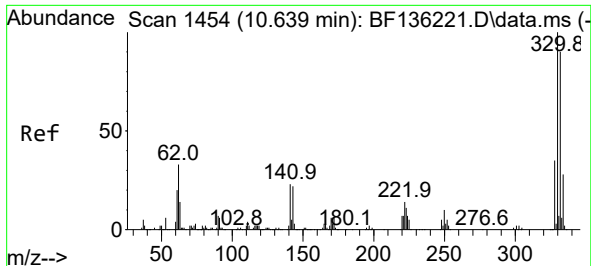
Tgt Ion: 82 Resp: 93661
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

Tgt Ion: 164 Resp: 127145
Ion Ratio Lower Upper
164 100
162 104.9 89.5 134.3
160 46.9 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 24.228 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136373.D

Acq: 02 Dec 2023 11:29

Instrument :

BNA_F

ClientSampleId :

COMP-5

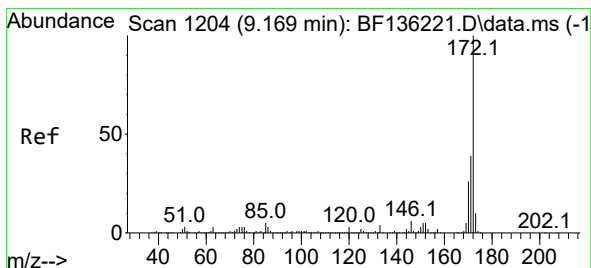
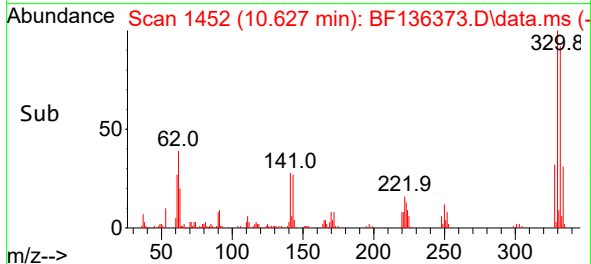
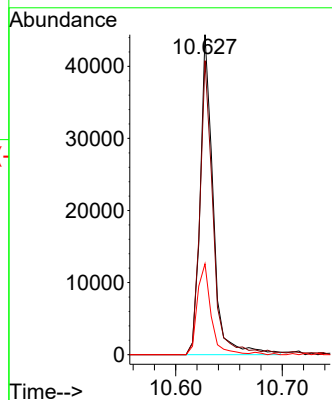
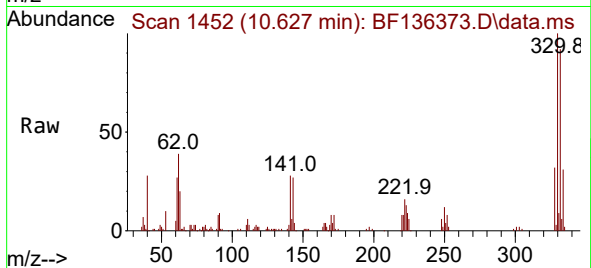
Tgt Ion:330 Resp: 37662

Ion Ratio Lower Upper

330 100

332 93.4 73.0 109.6

141 30.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 16.443 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136373.D

Acq: 02 Dec 2023 11:29

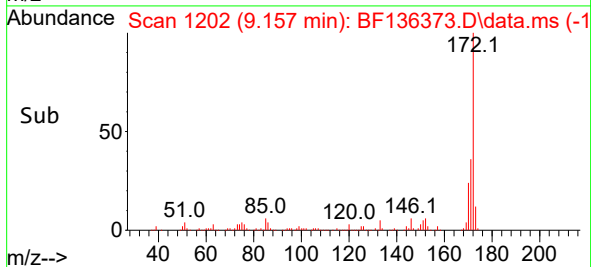
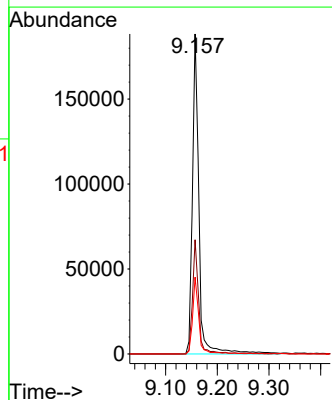
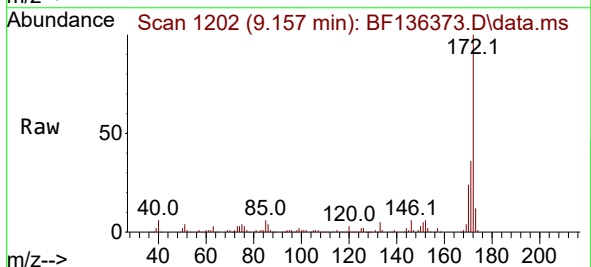
Tgt Ion:172 Resp: 163672

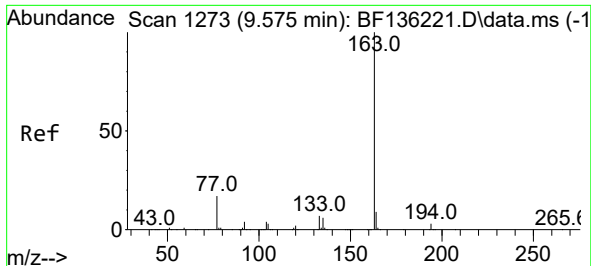
Ion Ratio Lower Upper

172 100

171 35.7 31.5 47.3

170 24.0 20.8 31.2

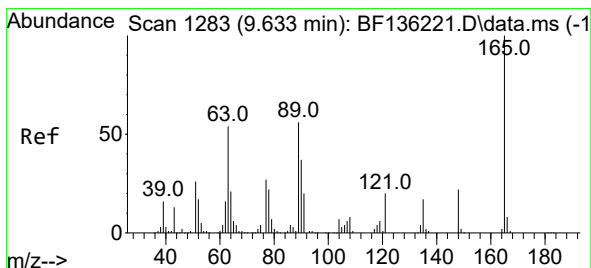
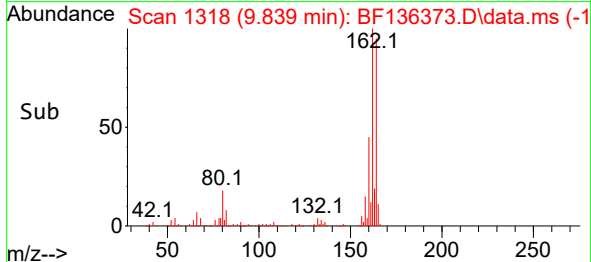
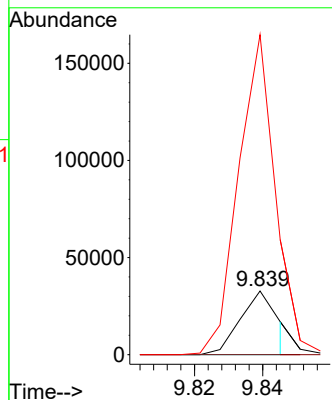
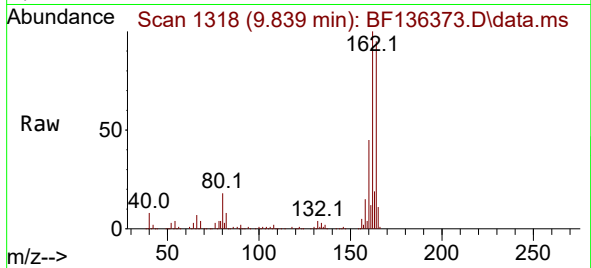




#50
Dimethylphthalate
Concen: 2.591 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

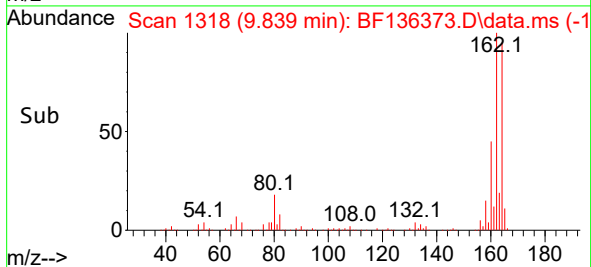
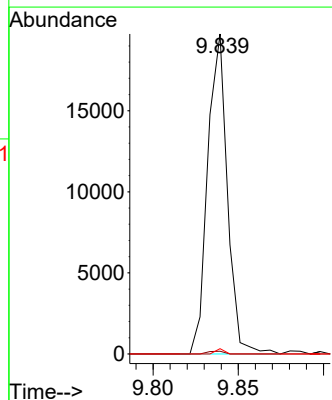
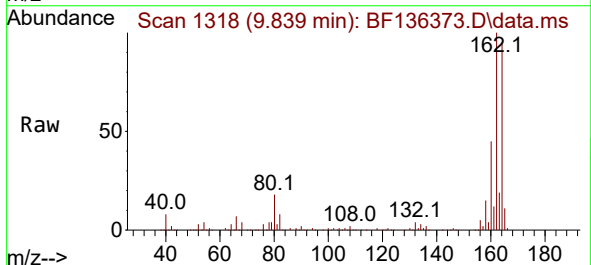
Instrument :
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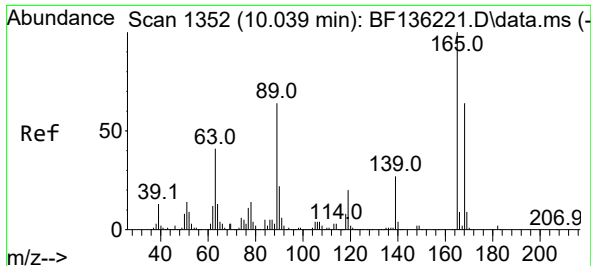
Tgt Ion:163 Resp: 24901
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 503.0 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.105 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

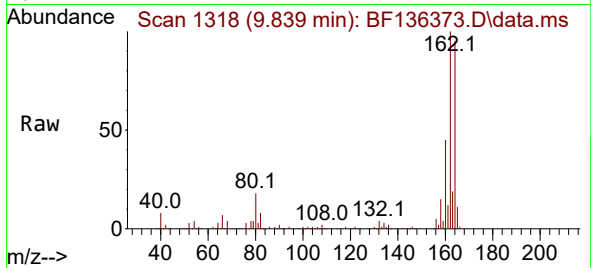
Tgt Ion:165 Resp: 15911
Ion Ratio Lower Upper
165 100
63 0.9 46.2 69.2#
89 1.6 44.9 67.3#



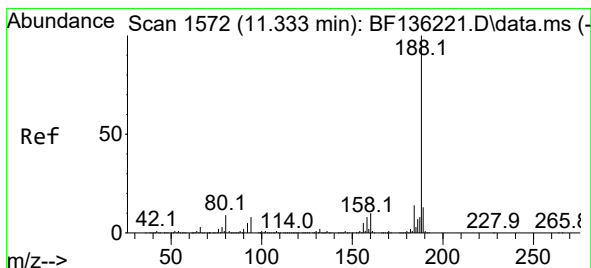
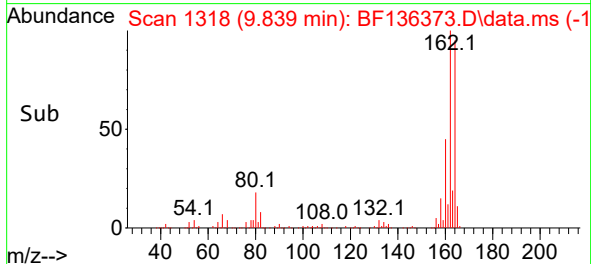
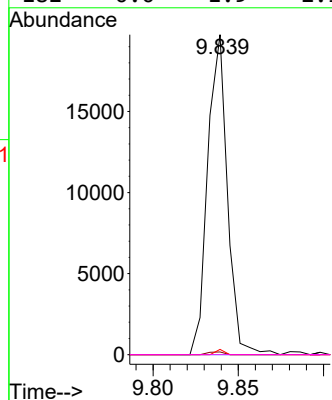


#57
2,4-Dinitrotoluene
Concen: 6.067 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

Instrument :
BNA_F
ClientSampleId :
COMP-5

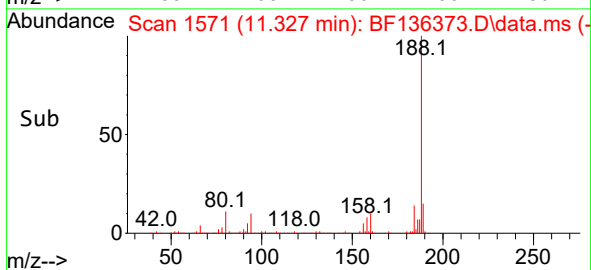
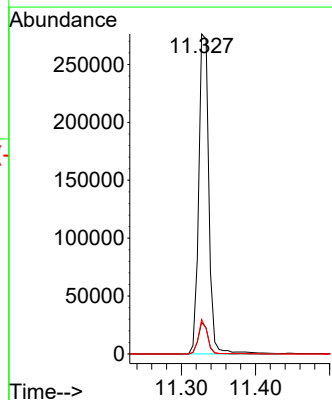
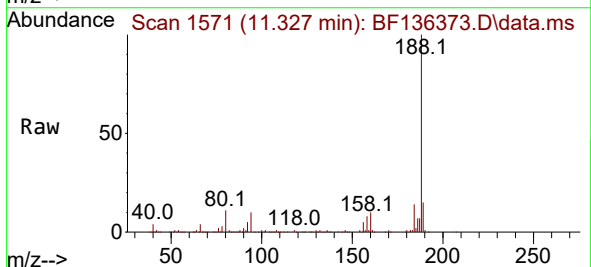


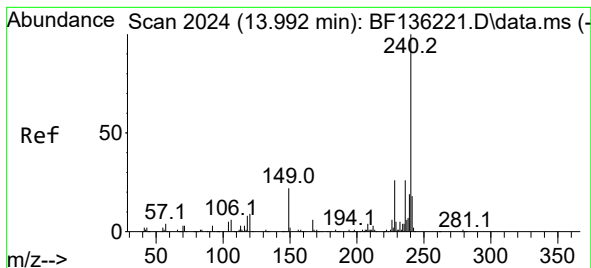
Tgt Ion:165 Resp: 15911
Ion Ratio Lower Upper
165 100
63 0.9 33.0 49.4#
89 1.6 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

Tgt Ion:188 Resp: 261651
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.8 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136373.D

Acq: 02 Dec 2023 11:29

Instrument :

BNA_F

ClientSampleId :

COMP-5

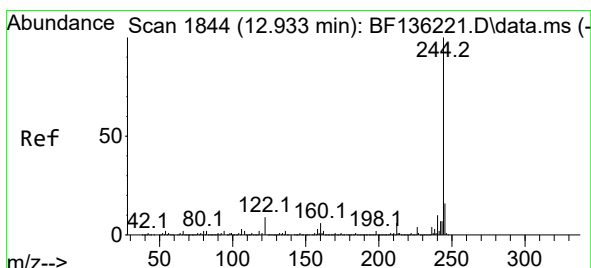
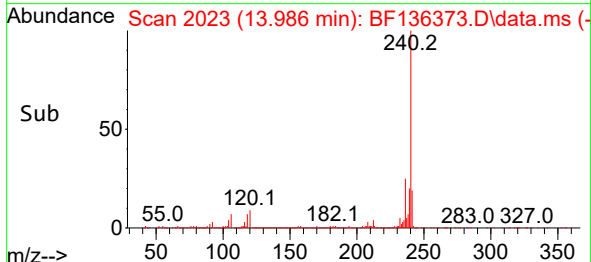
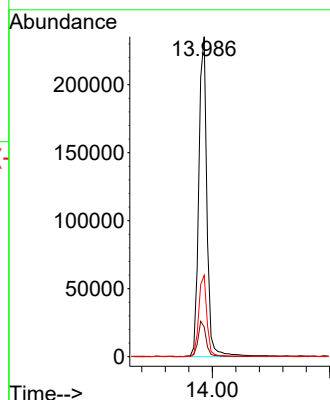
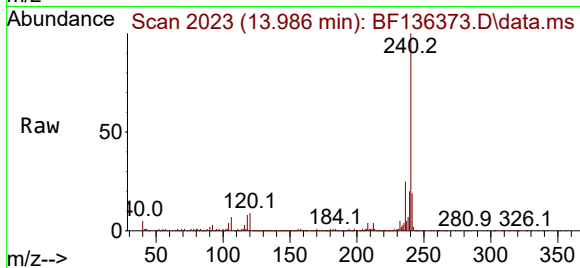
Tgt Ion:240 Resp: 226679

Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.2

236 25.4 21.1 31.7



#79

Terphenyl-d14

Concen: 11.932 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136373.D

Acq: 02 Dec 2023 11:29

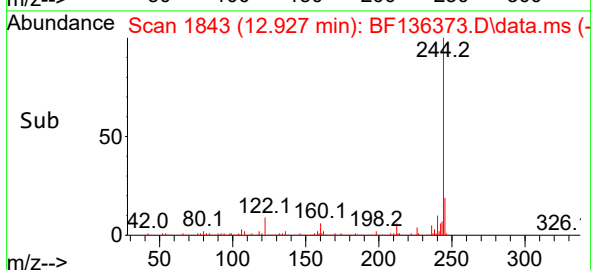
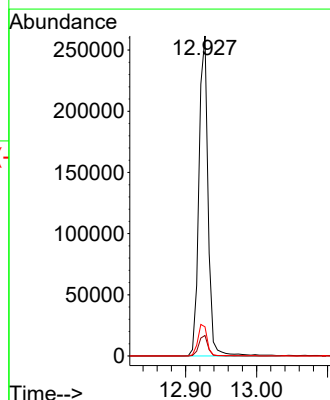
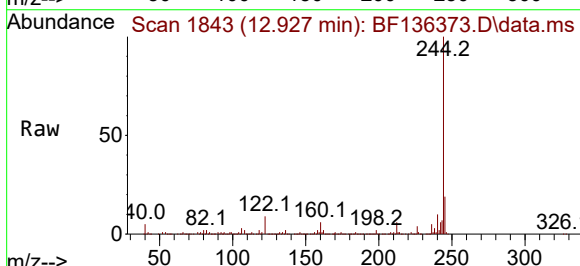
Tgt Ion:244 Resp: 234478

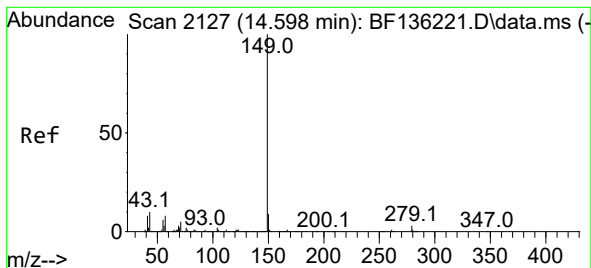
Ion Ratio Lower Upper

244 100

212 6.4 4.6 7.0

122 9.1 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.200 ng

RT: 14.604 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF136373.D

Acq: 02 Dec 2023 11:29

Instrument :

BNA_F

ClientSampleId :

COMP-5

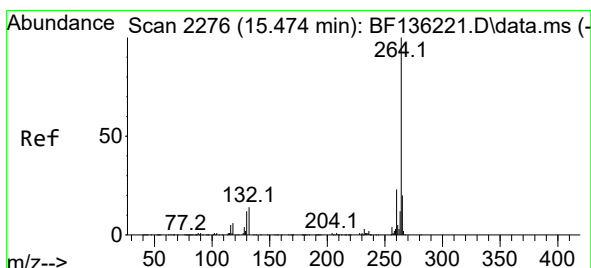
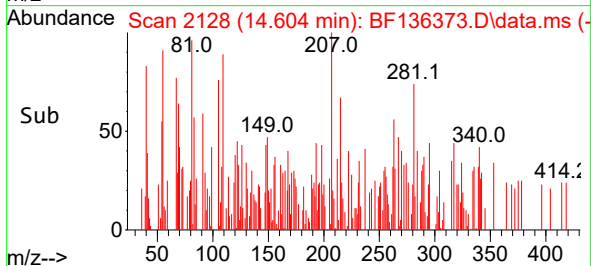
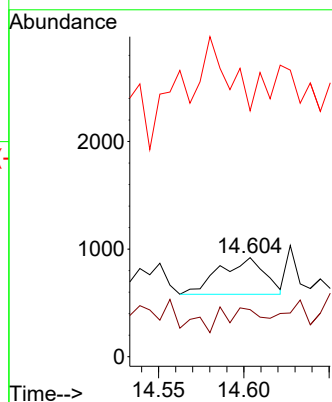
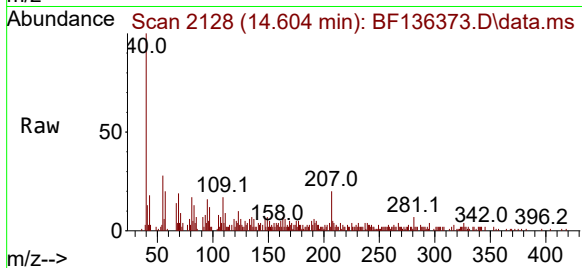
Tgt Ion:149 Resp: 630

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# 2275

Delta R.T. -0.006 min

Lab File: BF136373.D

Acq: 02 Dec 2023 11:29

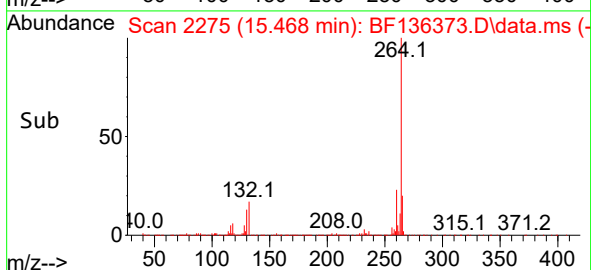
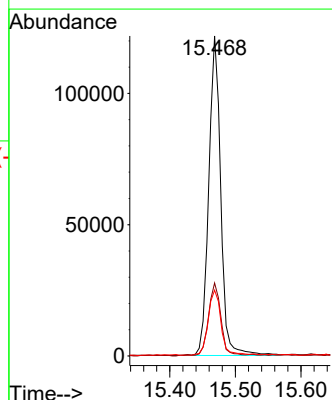
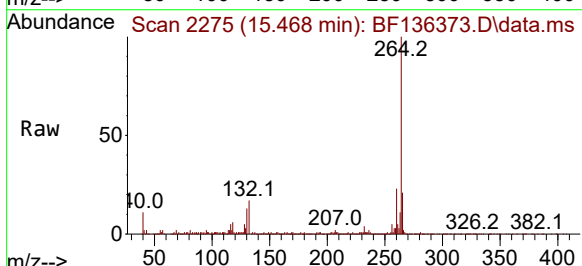
Tgt Ion:264 Resp: 155405

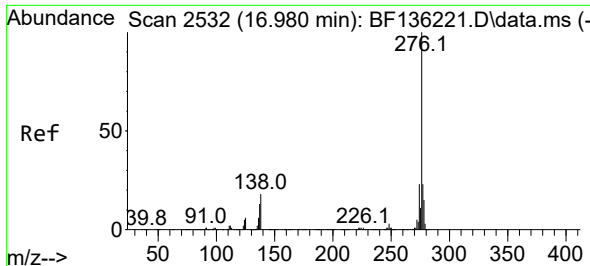
Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 20.6 15.7 23.5

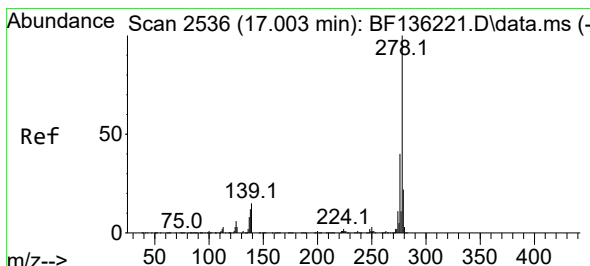
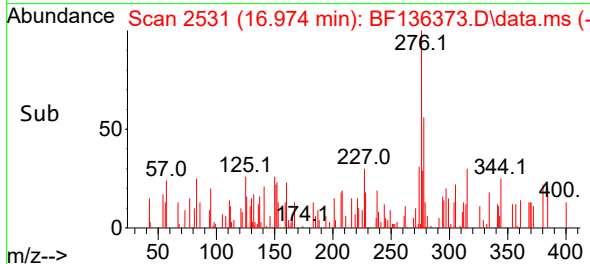
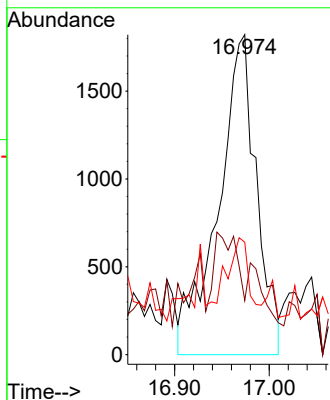
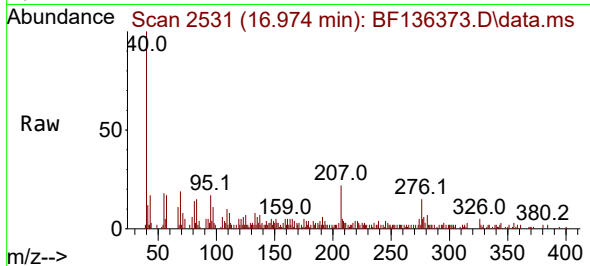




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.094 ng
 RT: 16.974 min Scan# 2531
 Delta R.T. -0.006 min
 Lab File: BF136373.D
 Acq: 02 Dec 2023 11:29

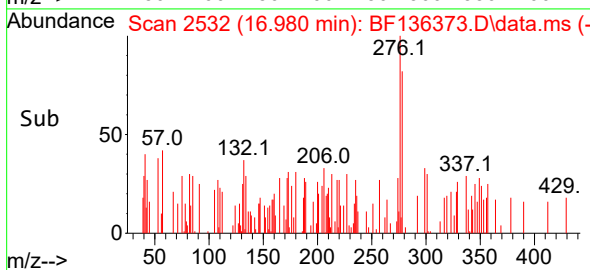
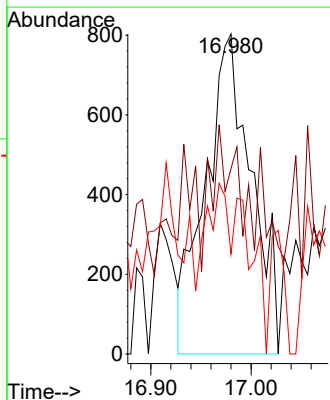
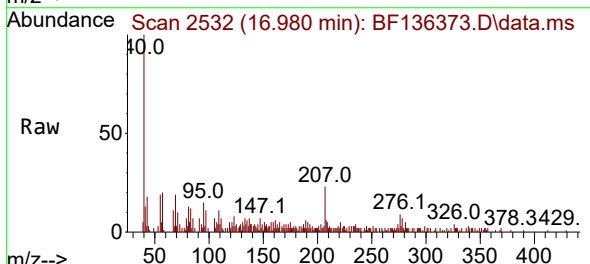
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

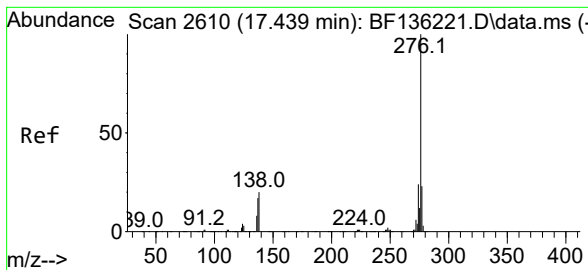
Tgt Ion:276 Resp: 5104
 Ion Ratio Lower Upper
 276 100
 138 0.0 17.7 26.5#
 277 10.8 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 2.973 ng
 RT: 16.980 min Scan# 2532
 Delta R.T. -0.023 min
 Lab File: BF136373.D
 Acq: 02 Dec 2023 11:29

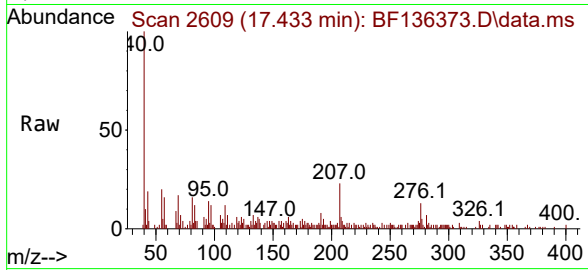
Tgt Ion:278 Resp: 2570
 Ion Ratio Lower Upper
 278 100
 139 57.9 11.7 17.5#
 279 31.3 17.8 26.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.438 ng
 RT: 17.433 min Scan# 209
 Delta R.T. -0.006 min
 Lab File: BF136373.D
 Acq: 02 Dec 2023 11:29

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5



Tgt Ion:	276	Resp:	5231
Ion Ratio	Lower	Upper	
276	100		
277	39.2	18.6	27.8#
138	35.6	15.8	23.8#

