

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013927.D
 Acq On : 02 Mar 2023 17:57
 Operator : CG/JU
 Sample : 01739-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-2-COMP-2

Quant Time: Mar 03 02:38:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

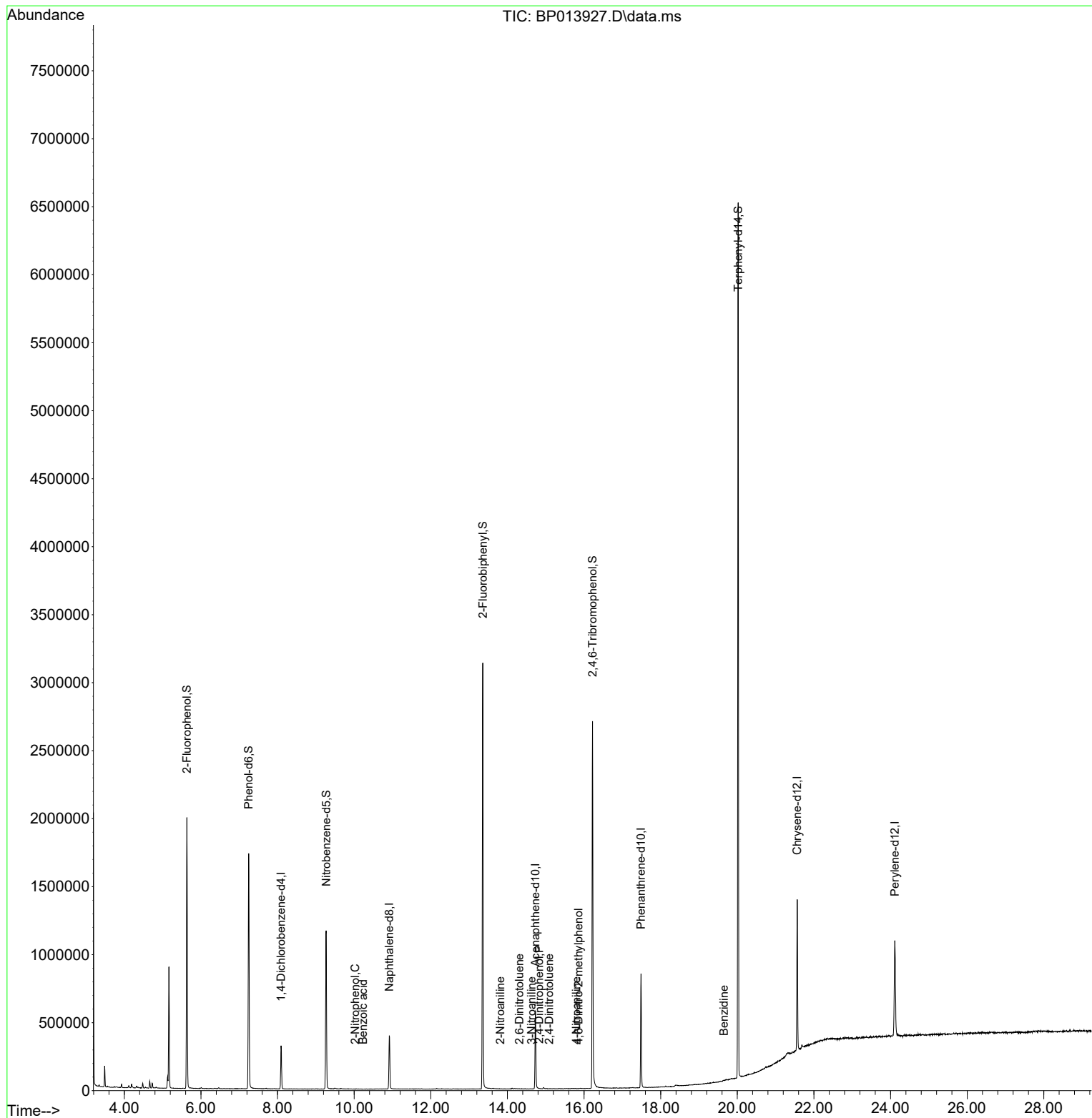
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	84124	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	318199	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	209251	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	499219	20.000	ng	0.00
76) Chrysene-d12	21.563	240	554927	20.000	ng	0.00
86) Perylene-d12	24.110	264	609538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	793930	155.542	ng	0.00
7) Phenol-d6	7.246	99	942622	144.194	ng	0.00
23) Nitrobenzene-d5	9.269	82	680603	115.502	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	550204	180.631	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1557607	97.771	ng	0.00
79) Terphenyl-d14	20.021	244	3085159	106.966	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.028	139	9	2.771	ng	# 1
32) Benzoic acid	10.228	122	74	5.093	ng	# 24
48) 2-Nitroaniline	13.816	65	118	3.260	ng	# 42
51) 2,6-Dinitrotoluene	14.310	165	62	2.004	ng	# 26
53) 3-Nitroaniline	14.628	138	17	2.012	ng	# 1
54) 2,4-Dinitrophenol	14.828	184	12	5.267	ng	# 61
57) 2,4-Dinitrotoluene	15.086	165	95	2.299	ng	# 56
62) 4-Nitroaniline	15.798	138	8	2.549	ng	# 61
65) 4,6-Dinitro-2-methylph...	15.857	198	6	4.625	ng	# 1
77) Benzidine	19.651	184	97	2.291	ng	# 4

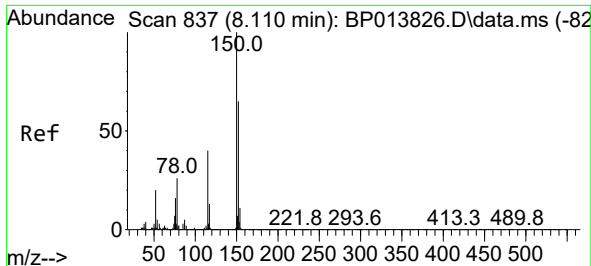
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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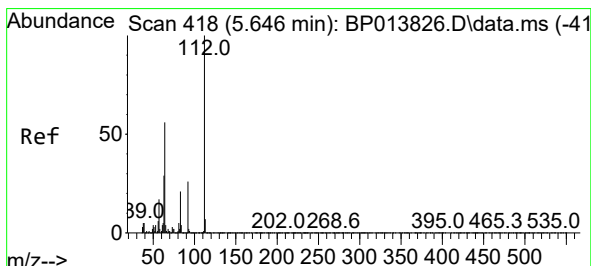
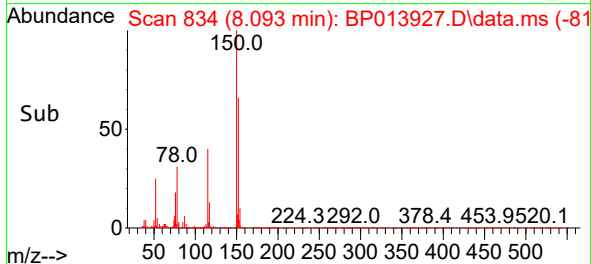
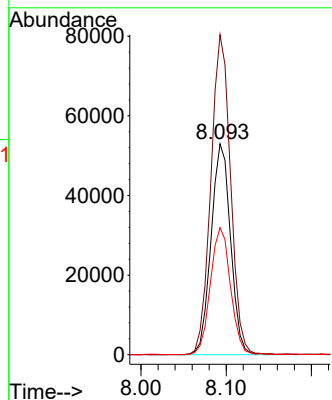
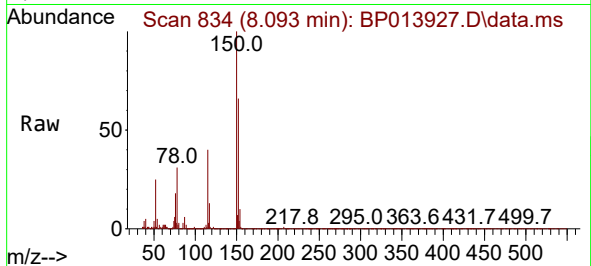




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013927.D
Acq: 02 Mar 2023 17:57

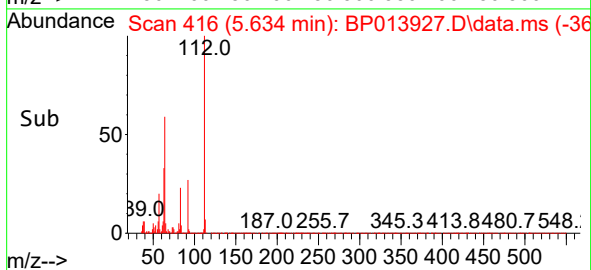
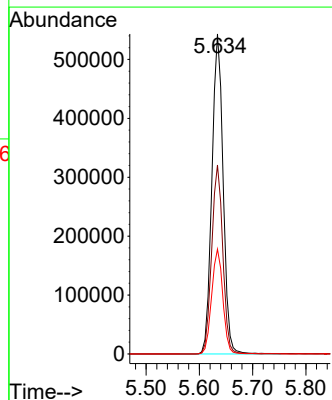
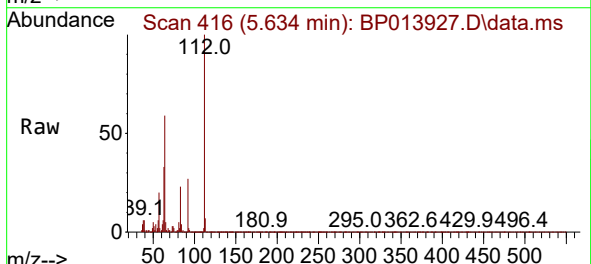
Instrument :
BNA_P
ClientSampleId :
SAMPLE-2-COMP-2

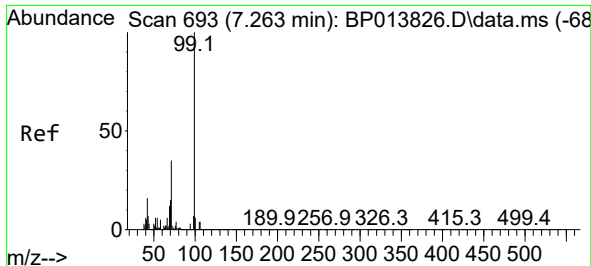
Tgt Ion:152 Resp: 84124
Ion Ratio Lower Upper
152 100
150 151.7 122.8 184.2
115 60.2 49.0 73.6



#5
2-Fluorophenol
Concen: 155.542 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP013927.D
Acq: 02 Mar 2023 17:57

Tgt Ion:112 Resp: 793930
Ion Ratio Lower Upper
112 100
64 59.0 44.6 66.8
63 32.8 23.6 35.4

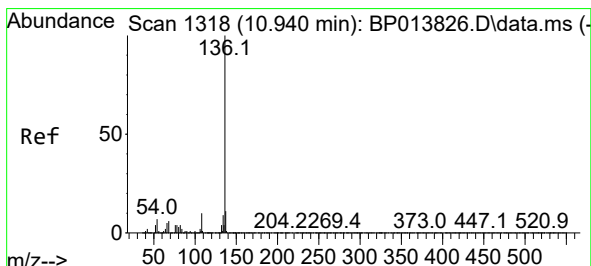
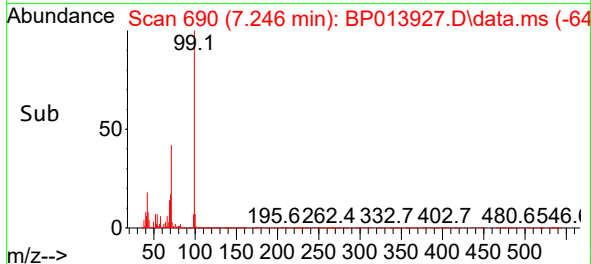
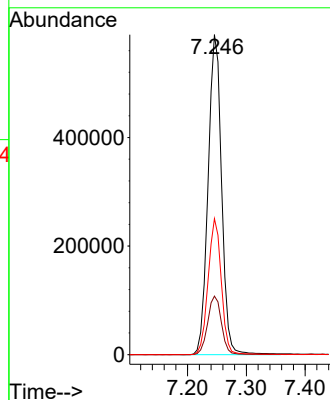
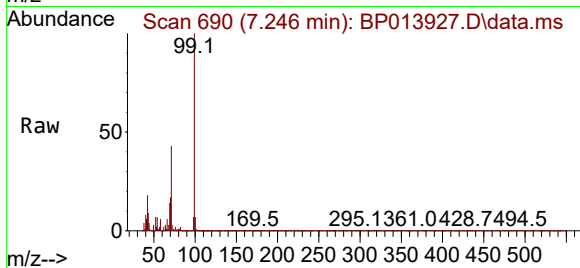




#7
Phenol-d6
Concen: 144.194 ng
RT: 7.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013927.D
Acq: 02 Mar 2023 17:57

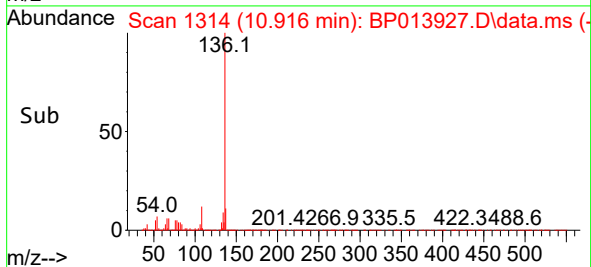
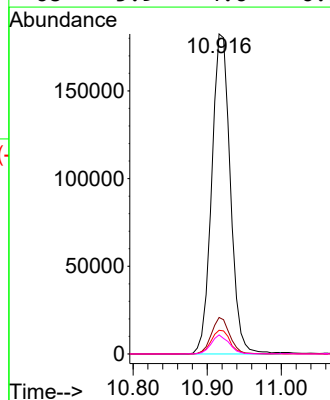
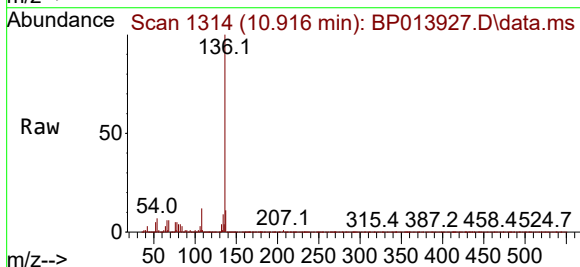
Instrument :
BNA_P
ClientSampleId :
SAMPLE-2-COMP-2

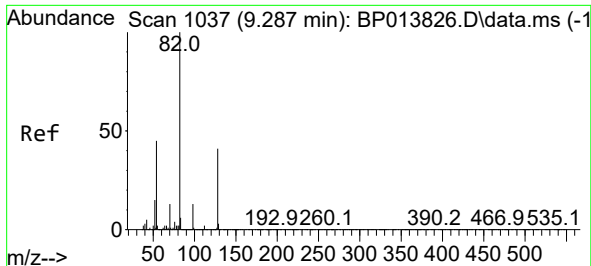
Tgt Ion: 99 Resp: 942622
Ion Ratio Lower Upper
99 100
42 18.3 12.5 18.7
71 42.5 27.8 41.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013927.D
Acq: 02 Mar 2023 17:57

Tgt Ion:136 Resp: 318199
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.4 5.8 8.6
68 5.9 4.6 6.8

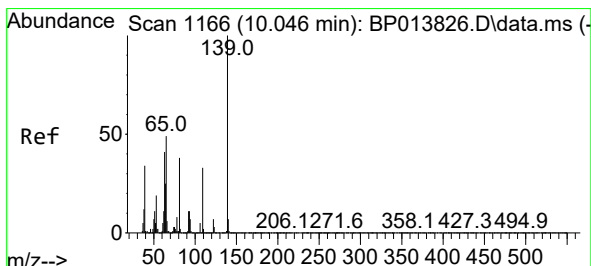
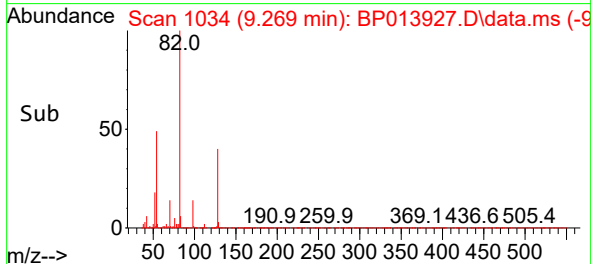
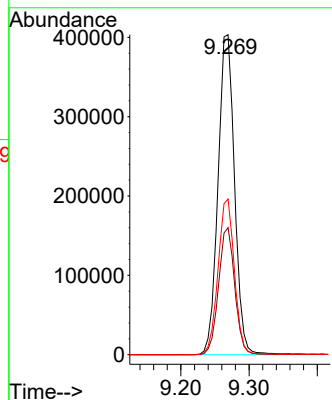
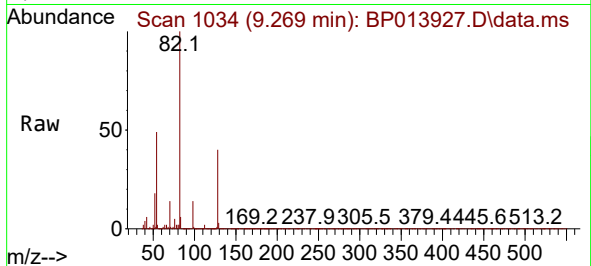




#23
Nitrobenzene-d5
Concen: 115.502 ng
RT: 9.269 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BP013927.D
Acq: 02 Mar 2023 17:57

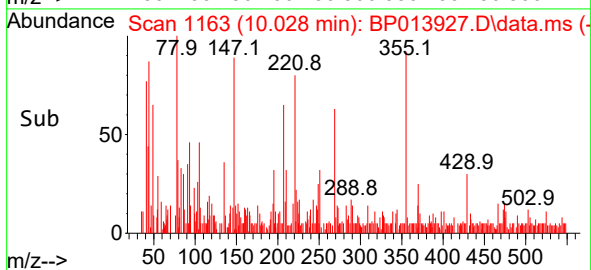
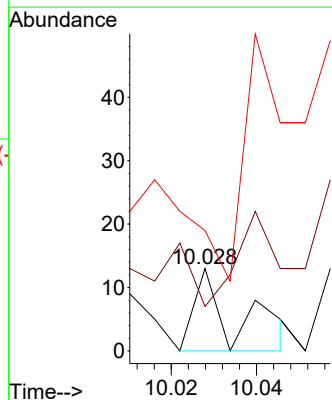
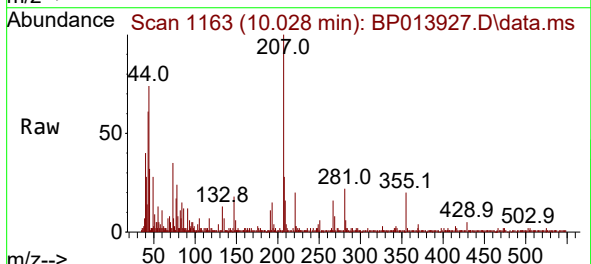
Instrument :
BNA_P
ClientSampleId :
SAMPLE-2-COMP-2

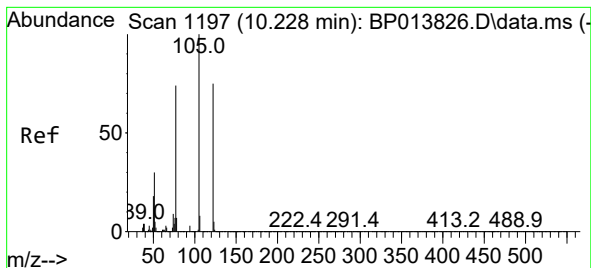
Tgt Ion: 82 Resp: 680603
Ion Ratio Lower Upper
82 100
128 39.7 32.9 49.3
54 48.7 35.6 53.4



#26
2-Nitrophenol
Concen: 2.771 ng
RT: 10.028 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BP013927.D
Acq: 02 Mar 2023 17:57

Tgt Ion:139 Resp: 9
Ion Ratio Lower Upper
139 100
109 53.8 26.7 40.1#
65 215.4 39.4 59.2#





#32

Benzoic acid

Concen: 5.093 ng

RT: 10.228 min Scan# 1197

Delta R.T. 0.018 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

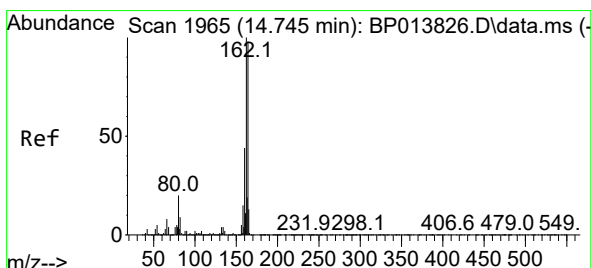
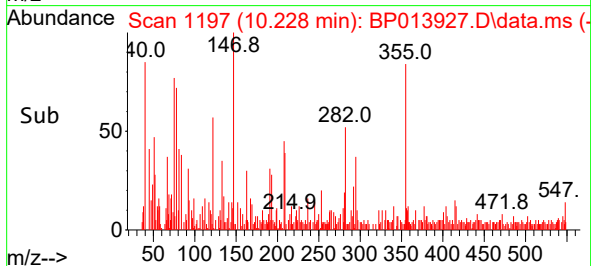
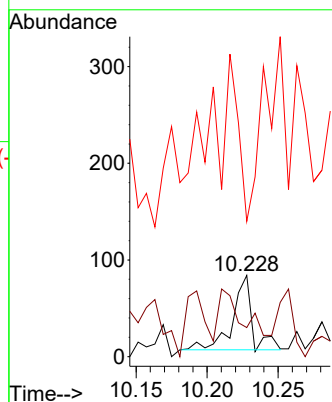
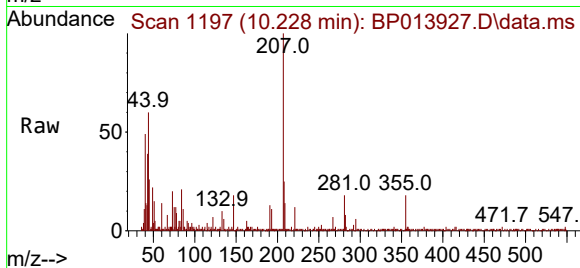
Instrument :

BNA_P

ClientSampleId :

SAMPLE-2-COMP-2

Tgt Ion:	122	Resp:	74
Ion	Ratio	Lower	Upper
122	100		
105	35.7	107.4	147.4#
77	166.7	76.0	116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

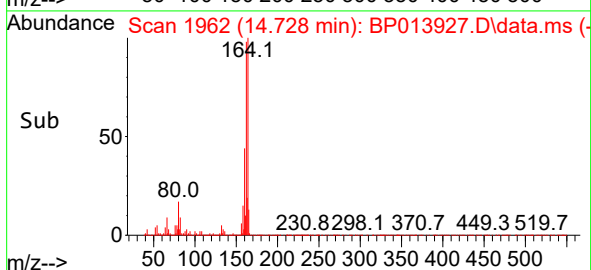
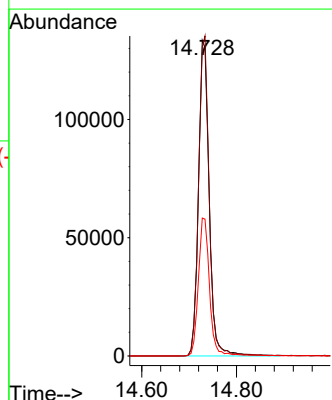
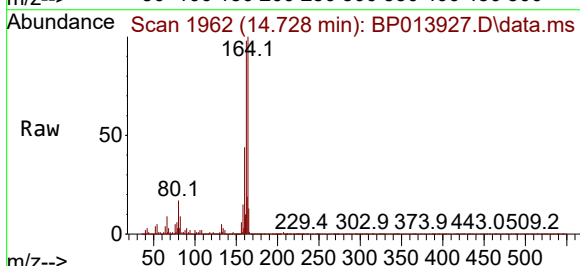
RT: 14.728 min Scan# 1962

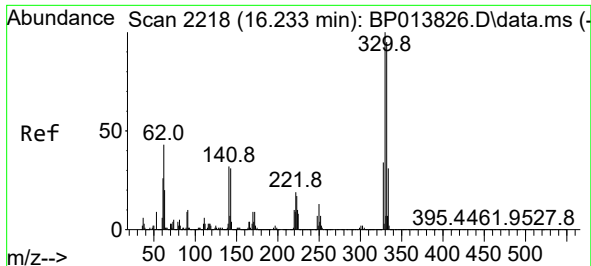
Delta R.T. -0.006 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

Tgt Ion:	164	Resp:	209251
Ion	Ratio	Lower	Upper
164	100		
162	98.0	81.7	122.5
160	43.7	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 180.631 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SAMPLE-2-COMP-2

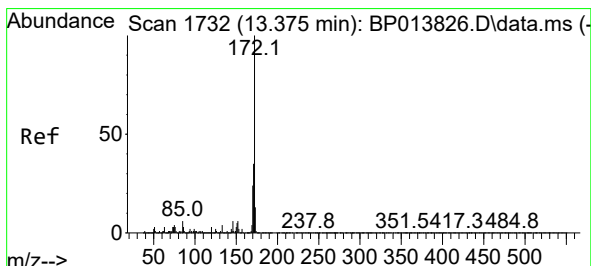
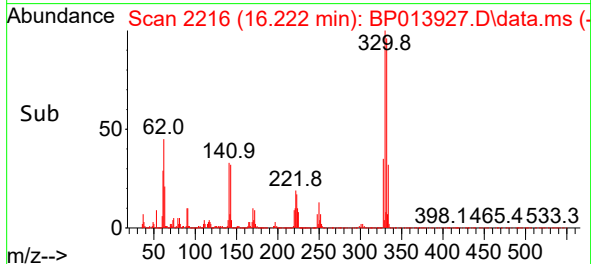
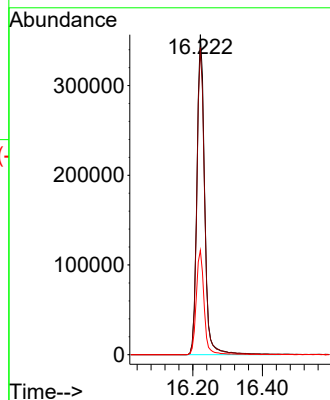
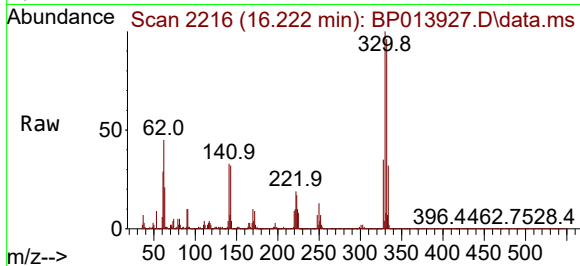
Tgt Ion:330 Resp: 550204

Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

141 33.0 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 97.771 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.000 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

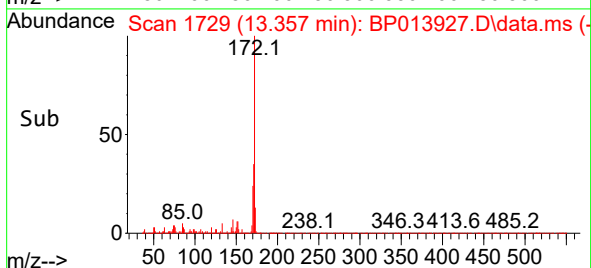
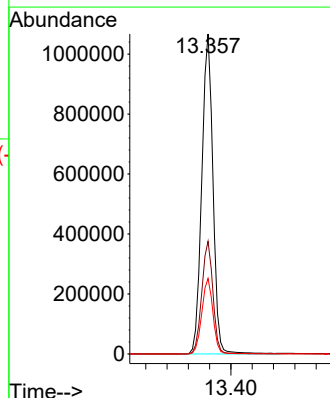
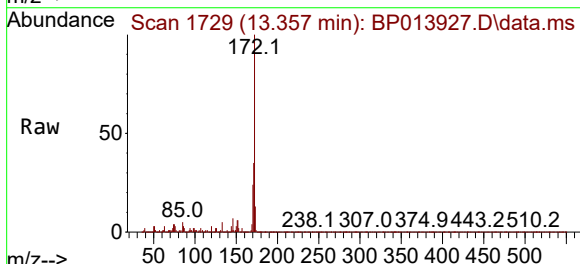
Tgt Ion:172 Resp: 1557607

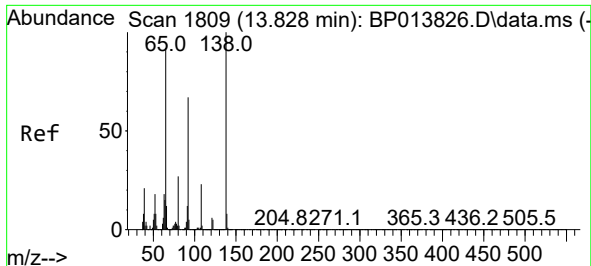
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.6 19.0 28.4

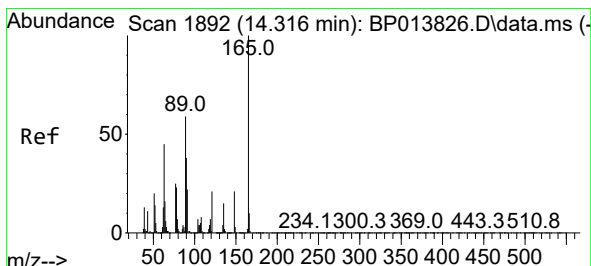
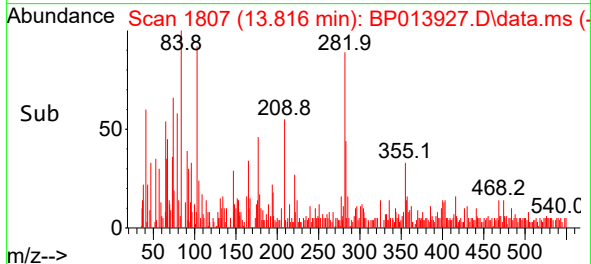
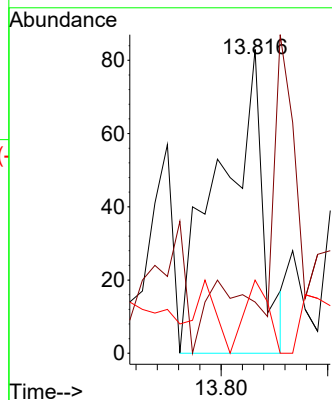
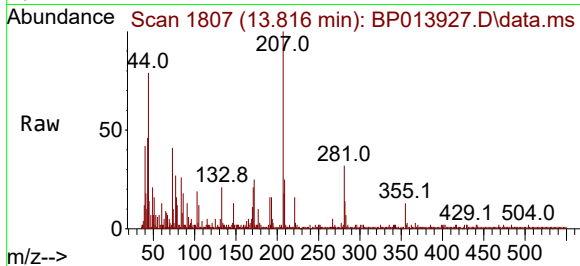




#48
2-Nitroaniline
Concen: 3.260 ng
RT: 13.816 min Scan# 118
Delta R.T. -0.000 min
Lab File: BP013927.D
Acq: 02 Mar 2023 17:57

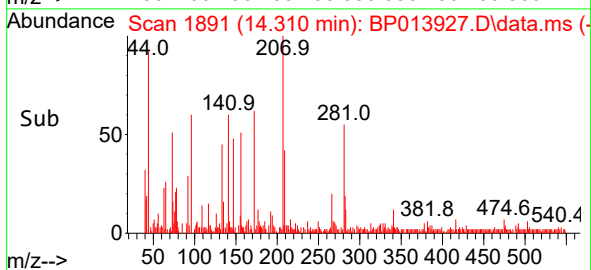
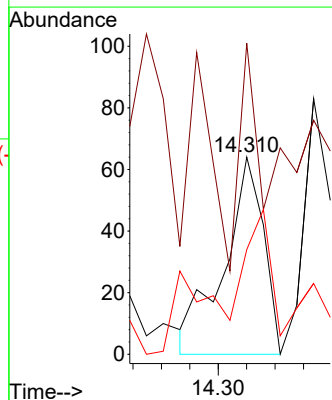
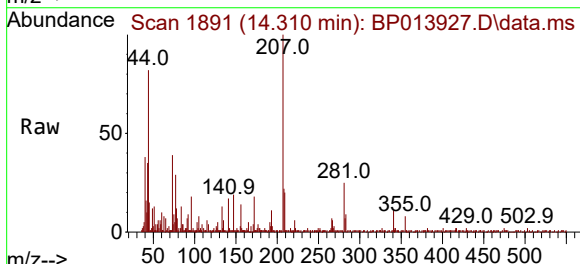
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SAMPLE-2-COMP-2

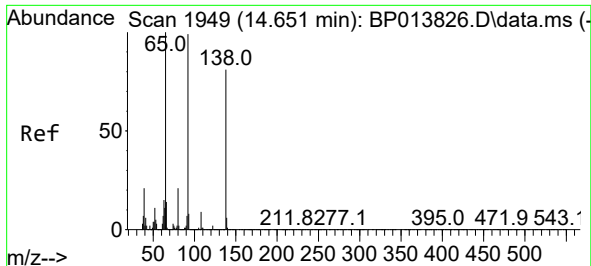
Tgt Ion: 65 Resp: 118
Ion Ratio Lower Upper
65 100
92 92.8 58.7 88.1#
138 24.1 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.004 ng
RT: 14.310 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BP013927.D
Acq: 02 Mar 2023 17:57

Tgt Ion: 165 Resp: 62
Ion Ratio Lower Upper
165 100
63 152.9 42.6 63.8#
89 48.6 47.1 70.7

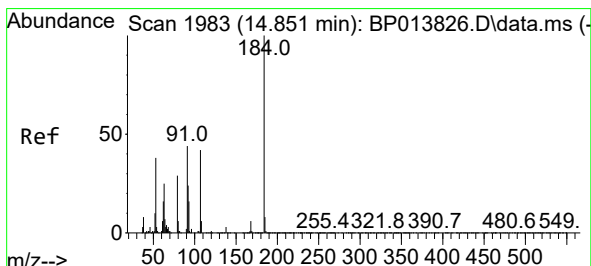
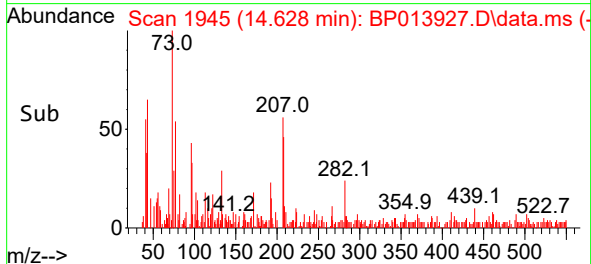
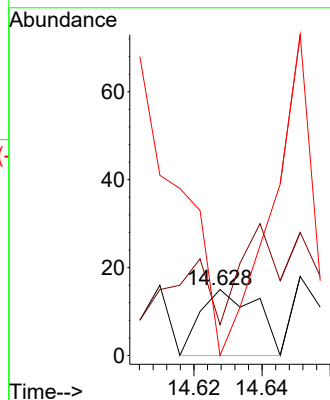
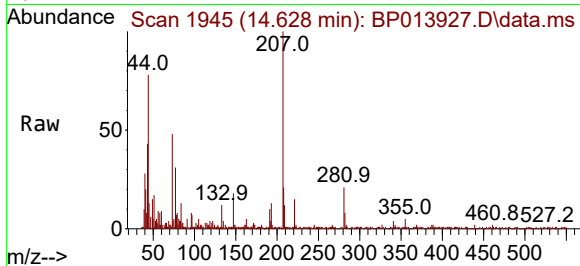




#53
3-Nitroaniline
Concen: 2.012 ng
RT: 14.628 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP013927.D
Acq: 02 Mar 2023 17:57

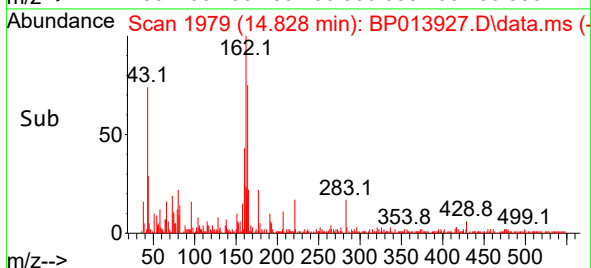
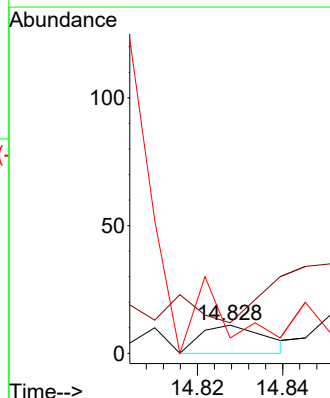
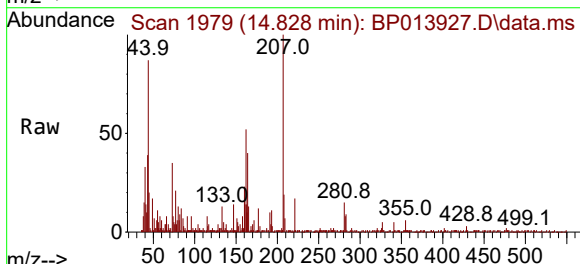
Instrument :
BNA_P
ClientSampleId :
SAMPLE-2-COMP-2

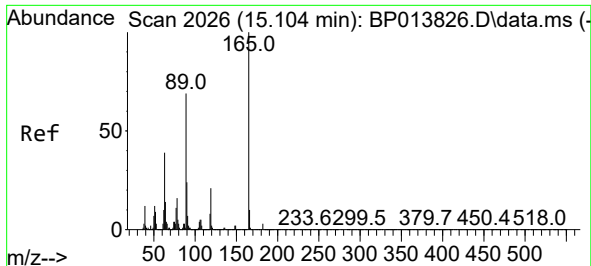
Tgt Ion:138 Resp: 17
Ion Ratio Lower Upper
138 100
108 180.0 9.0 13.4#
92 0.0 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.267 ng
RT: 14.828 min Scan# 1979
Delta R.T. -0.012 min
Lab File: BP013927.D
Acq: 02 Mar 2023 17:57

Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 109.1 47.0 70.4#
154 54.5 51.5 77.3





#57

2,4-Dinitrotoluene

Concen: 2.299 ng

RT: 15.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SAMPLE-2-COMP-2

Tgt Ion:165 Resp: 95

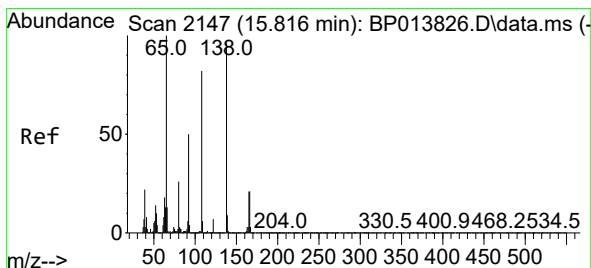
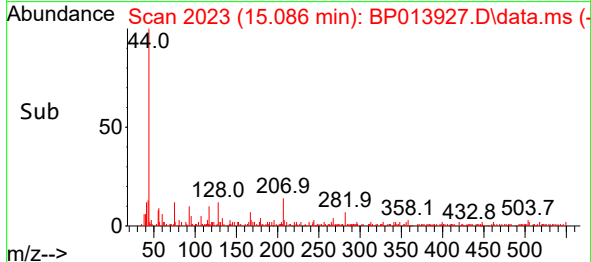
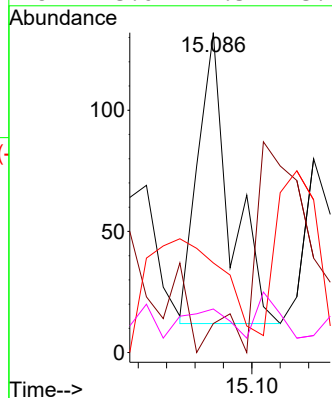
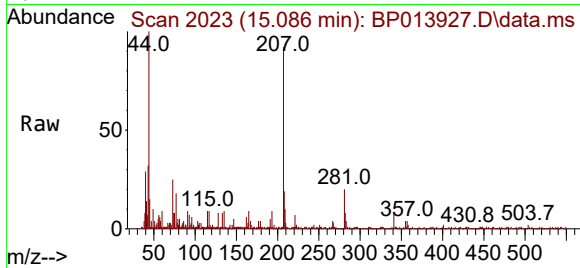
Ion Ratio Lower Upper

165 100

63 17.4 31.1 46.7#

89 28.0 54.9 82.3#

182 13.6 2.5 3.7#



#62

4-Nitroaniline

Concen: 2.549 ng

RT: 15.798 min Scan# 2144

Delta R.T. -0.006 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

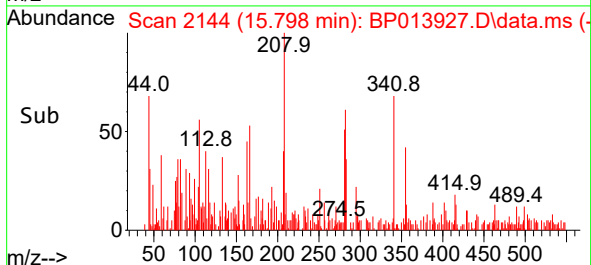
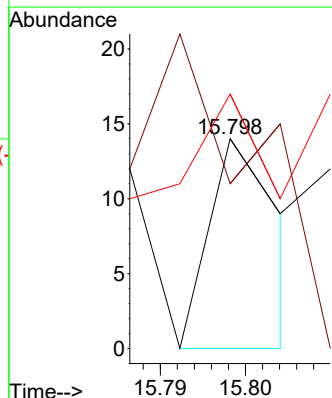
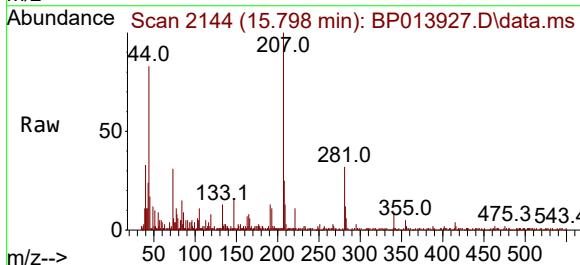
Tgt Ion:138 Resp: 8

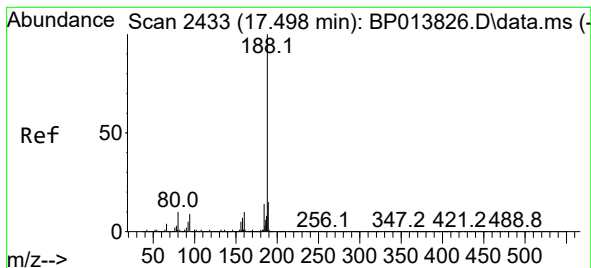
Ion Ratio Lower Upper

138 100

92 78.6 32.0 72.0#

108 121.4 65.6 105.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SAMPLE-2-COMP-2

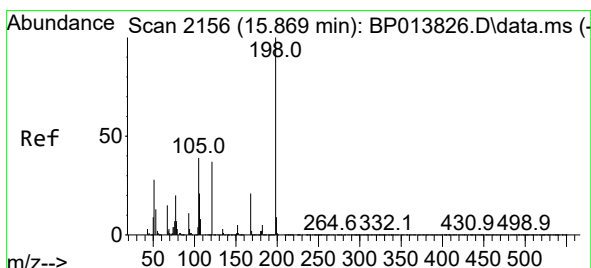
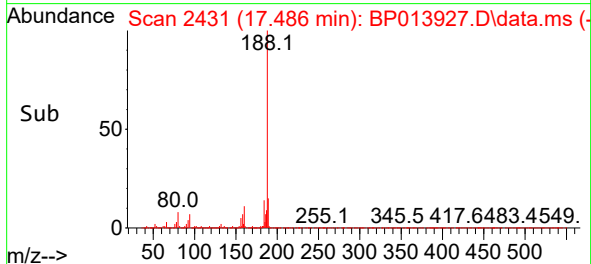
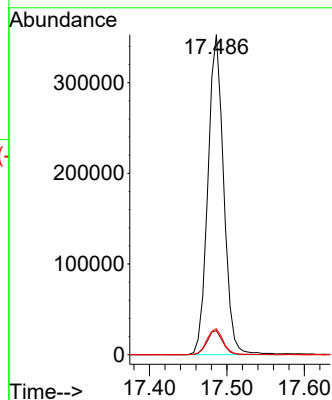
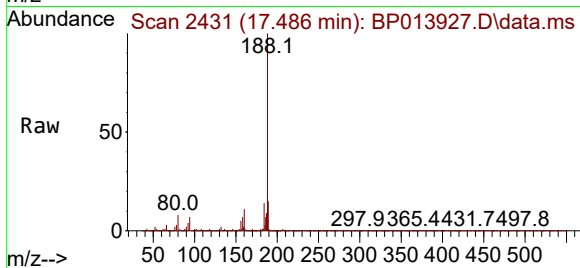
Tgt Ion:188 Resp: 499219

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.1 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.625 ng

RT: 15.857 min Scan# 2154

Delta R.T. -0.000 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

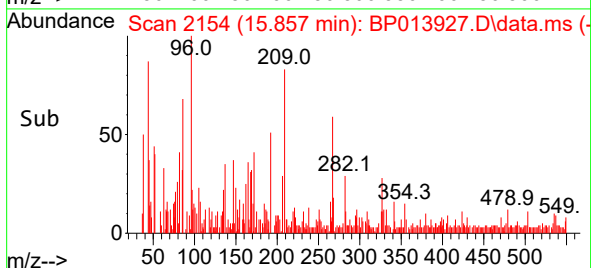
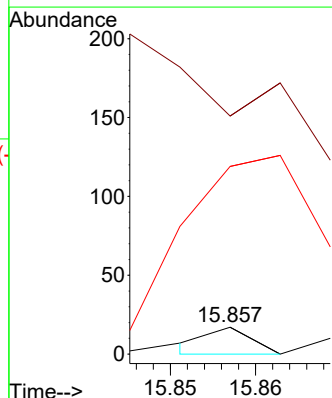
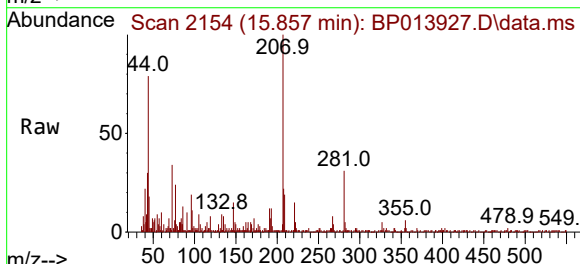
Tgt Ion:198 Resp: 6

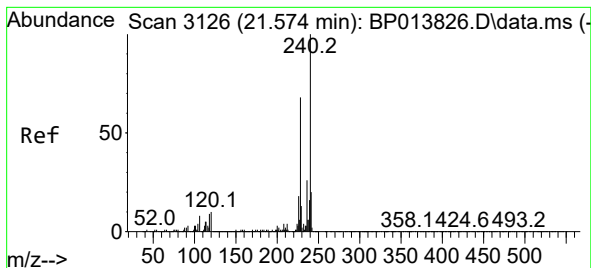
Ion Ratio Lower Upper

198 100

51 888.2 14.3 54.3#

105 700.0 20.5 60.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SAMPLE-2-COMP-2

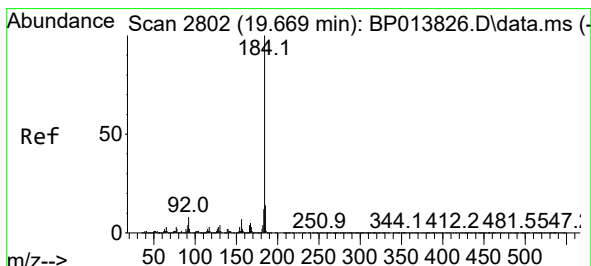
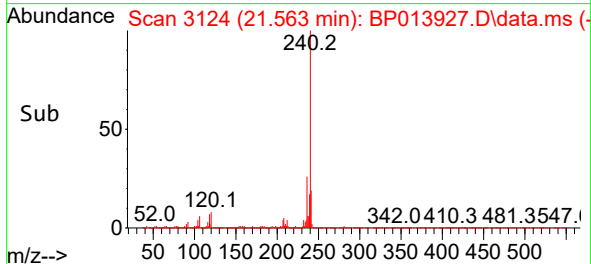
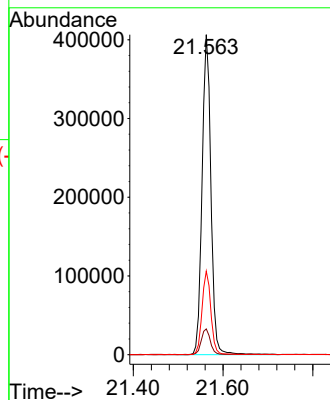
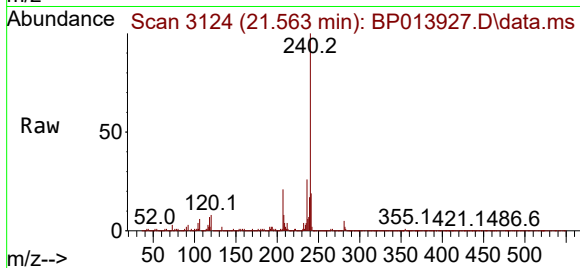
Tgt Ion:240 Resp: 554927

Ion Ratio Lower Upper

240 100

120 8.0 7.9 11.9

236 26.1 20.9 31.3



#77

Benzidine

Concen: 2.291 ng

RT: 19.651 min Scan# 2799

Delta R.T. -0.006 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

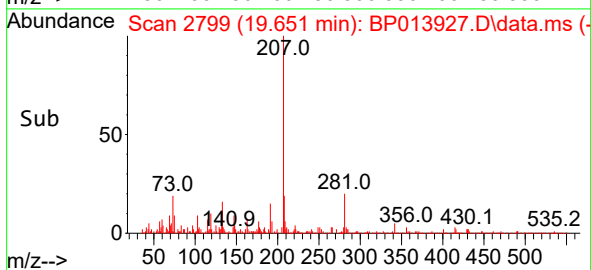
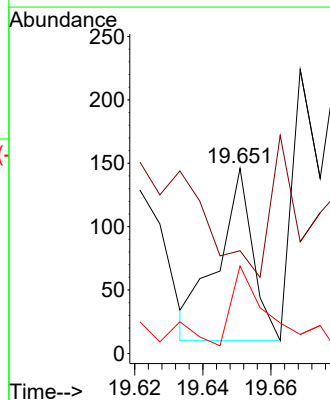
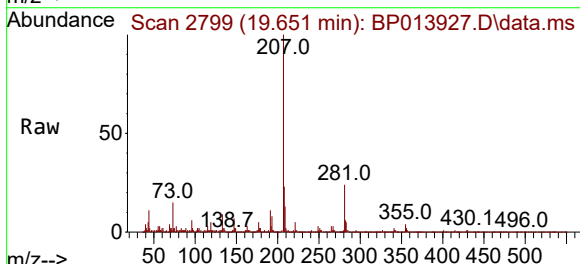
Tgt Ion:184 Resp: 97

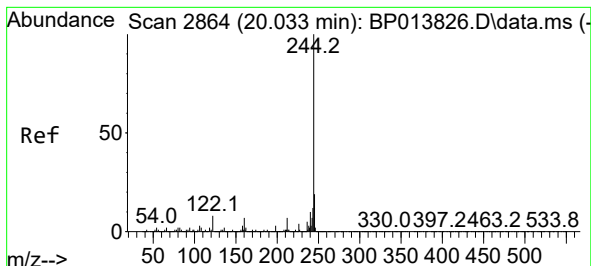
Ion Ratio Lower Upper

184 100

185 55.5 11.4 17.0#

183 47.3 9.6 14.4#





#79

Terphenyl-d14

Concen: 106.966 ng

RT: 20.021 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

Instrument :

BNA_P

ClientSampleId :

SAMPLE-2-COMP-2

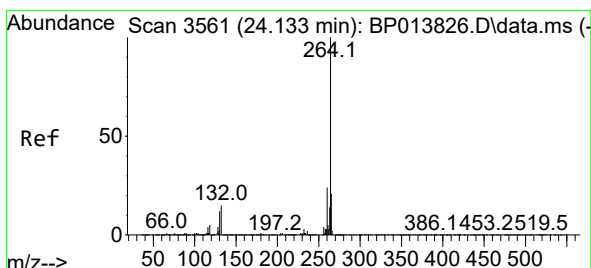
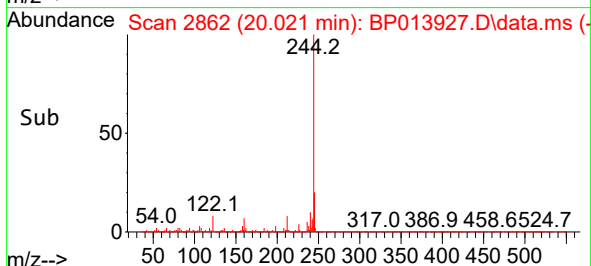
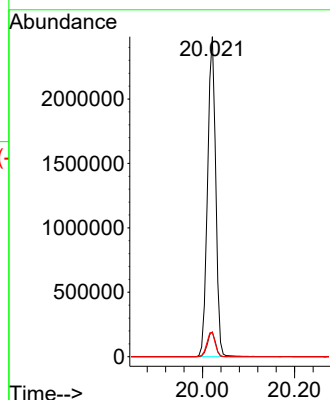
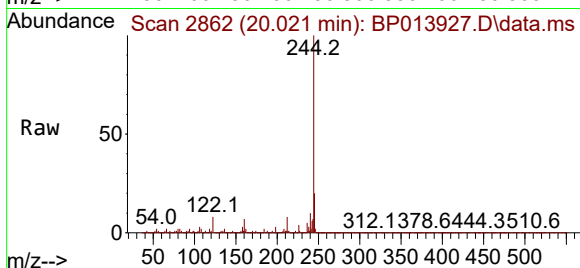
Tgt Ion:244 Resp: 3085159

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 7.7 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3557

Delta R.T. -0.000 min

Lab File: BP013927.D

Acq: 02 Mar 2023 17:57

Tgt Ion:264 Resp: 609538

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 23.0 17.6 26.4

