

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013929.D
 Acq On : 02 Mar 2023 19:05
 Operator : CG/JU
 Sample : 01740-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-4-COMP-4

Quant Time: Mar 03 02:39:33 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)

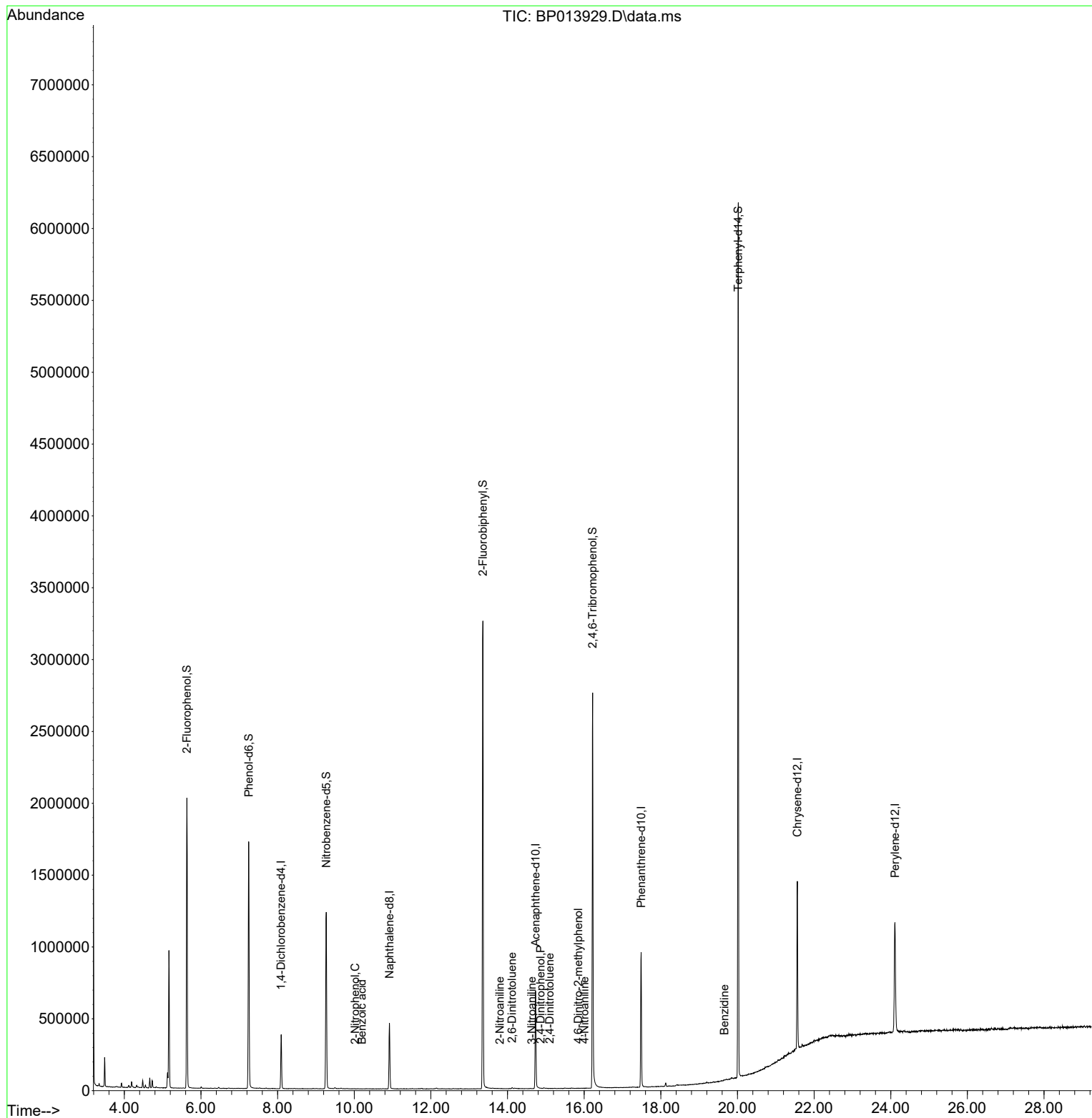
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	96191	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	375268	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	249001	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	588481	20.000	ng	0.00
76) Chrysene-d12	21.563	240	600067	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	678718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	806067	138.109	ng	0.00
7) Phenol-d6	7.246	99	925794	123.854	ng	0.00
23) Nitrobenzene-d5	9.269	82	727206	104.643	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	558119	153.980	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1648242	86.944	ng	0.00
79) Terphenyl-d14	20.022	244	2968647	95.184	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.022	139	28	2.776	ng	# 33
32) Benzoic acid	10.199	122	23	5.080	ng	# 1
48) 2-Nitroaniline	13.798	65	178	3.268	ng	# 21
51) 2,6-Dinitrotoluene	14.116	165	87	2.006	ng	89
53) 3-Nitroaniline	14.634	138	18	2.012	ng	# 1
54) 2,4-Dinitrophenol	14.863	184	29	5.271	ng	# 5
57) 2,4-Dinitrotoluene	15.098	165	51	2.289	ng	# 71
62) 4-Nitroaniline	16.010	138	21	2.551	ng	80
65) 4,6-Dinitro-2-methylph...	15.845	198	5	4.625	ng	# 1
77) Benzidine	19.663	184	44	2.286	ng	# 1

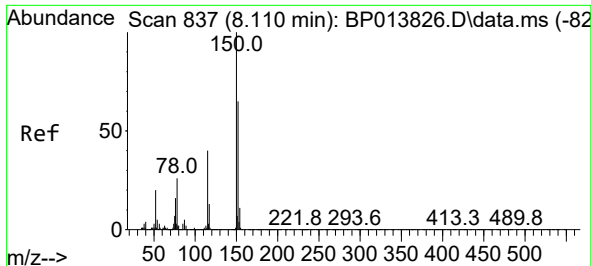
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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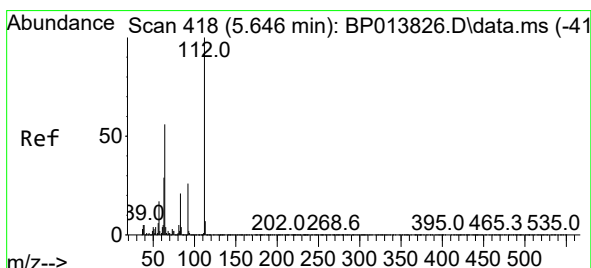
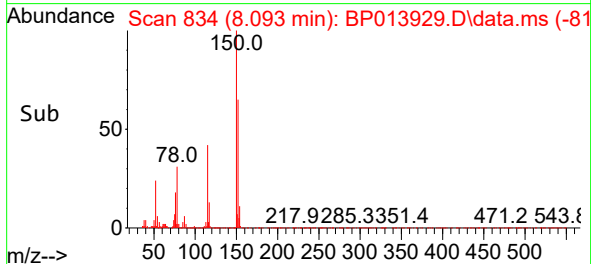
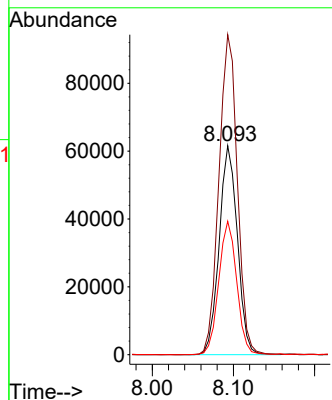
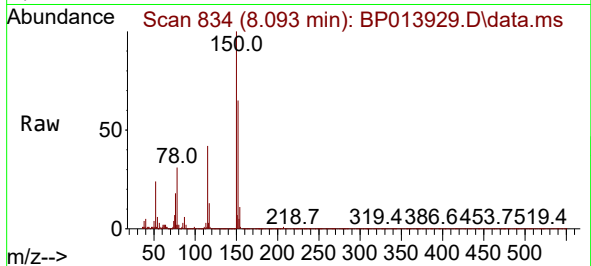




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

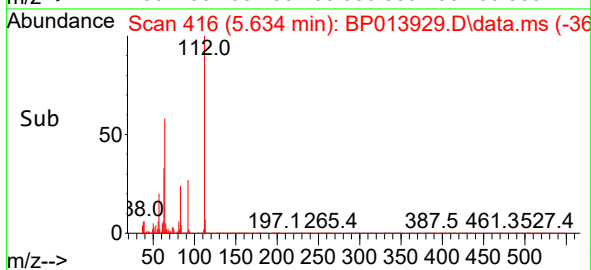
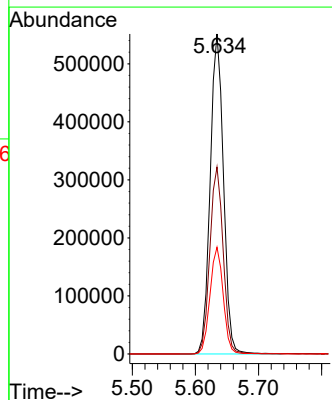
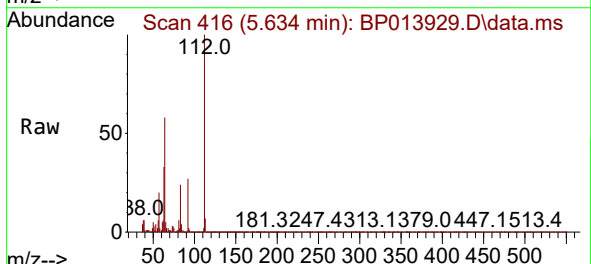
Instrument :
BNA_P
ClientSampleId :
SAMPLE-4-COMP-4

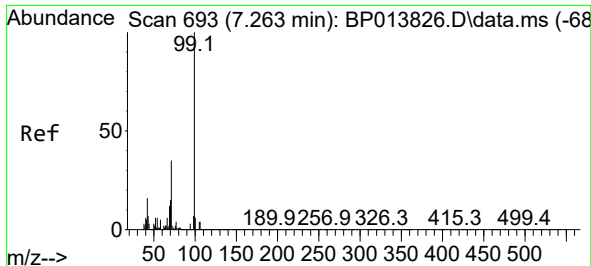
Tgt Ion:152 Resp: 96191
Ion Ratio Lower Upper
152 100
150 153.1 122.8 184.2
115 63.8 49.0 73.6



#5
2-Fluorophenol
Concen: 138.109 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

Tgt Ion:112 Resp: 806067
Ion Ratio Lower Upper
112 100
64 58.4 44.6 66.8
63 33.4 23.6 35.4

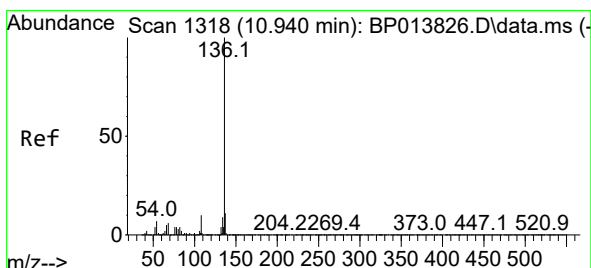
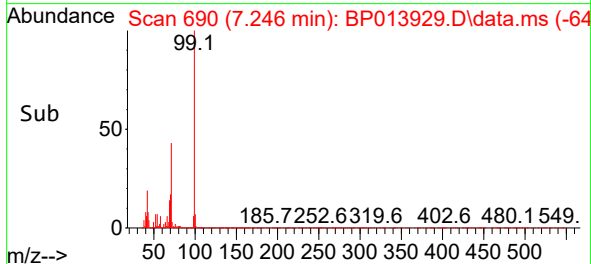
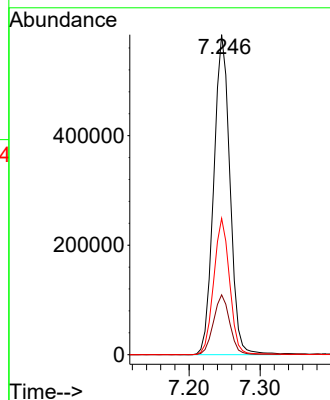
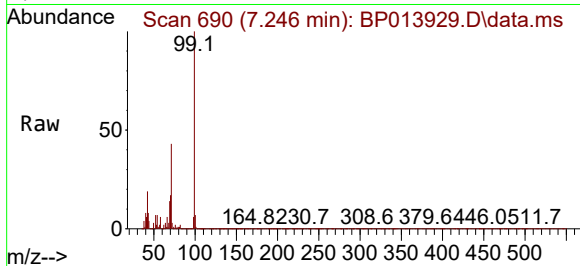




#7
Phenol-d6
Concen: 123.854 ng
RT: 7.246 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

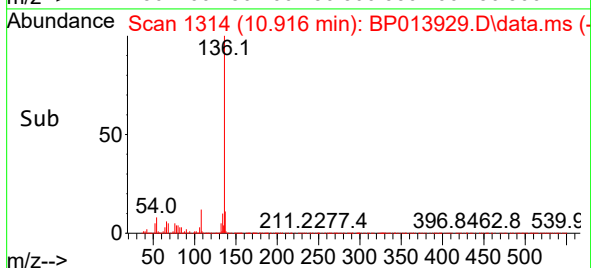
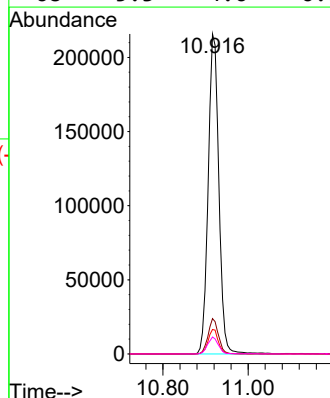
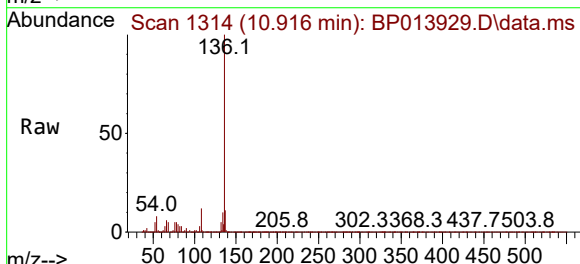
Instrument :
BNA_P
ClientSampleId :
SAMPLE-4-COMP-4

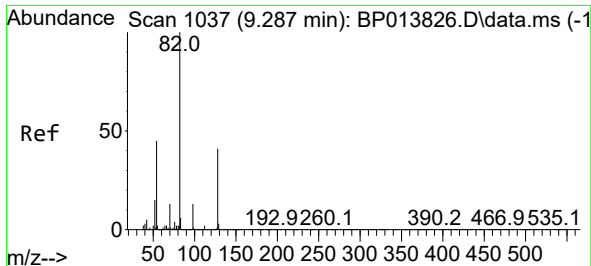
Tgt Ion: 99 Resp: 925794
Ion Ratio Lower Upper
99 100
42 18.7 12.5 18.7
71 42.6 27.8 41.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

Tgt Ion: 136 Resp: 375268
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.7 5.8 8.6
68 5.3 4.6 6.8

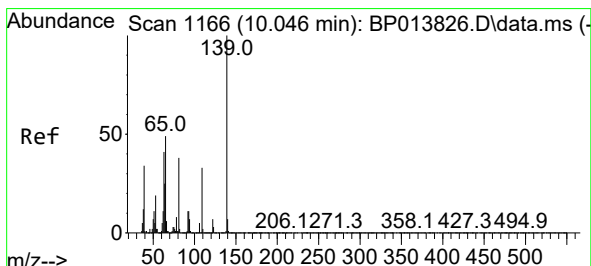
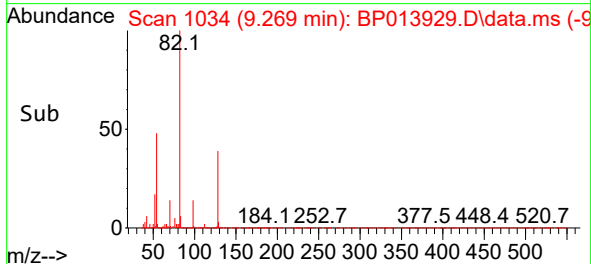
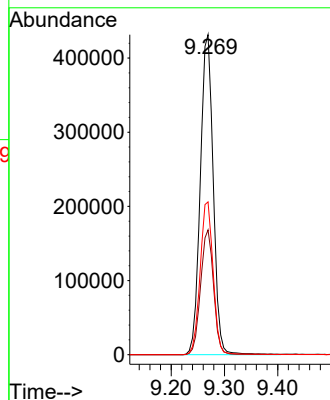
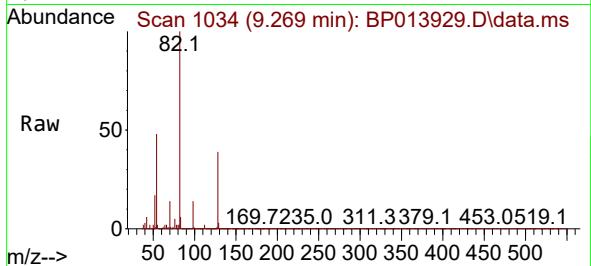




#23
Nitrobenzene-d5
Concen: 104.643 ng
RT: 9.269 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

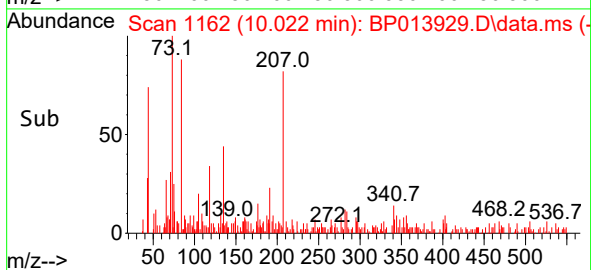
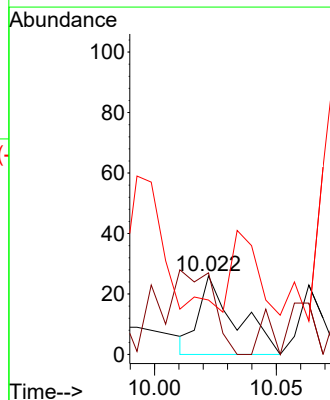
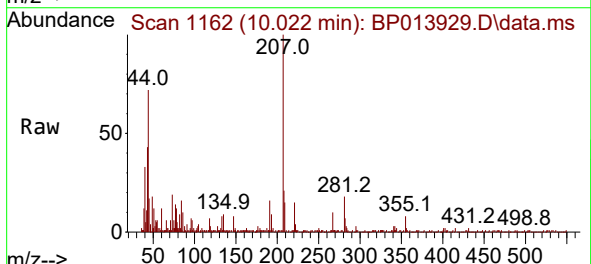
Instrument :
BNA_P
ClientSampleId :
SAMPLE-4-COMP-4

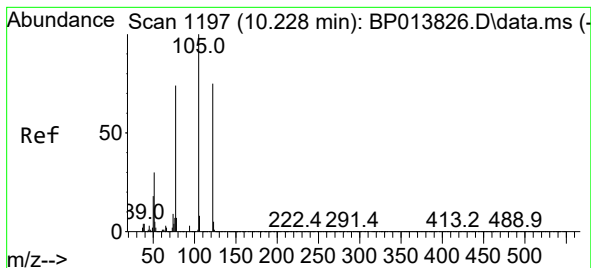
Tgt Ion: 82 Resp: 727206
Ion Ratio Lower Upper
82 100
128 39.0 32.9 49.3
54 47.7 35.6 53.4



#26
2-Nitrophenol
Concen: 2.776 ng
RT: 10.022 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

Tgt Ion:139 Resp: 28
Ion Ratio Lower Upper
139 100
109 103.8 26.7 40.1#
65 69.2 39.4 59.2#





#32

Benzoic acid

Concen: 5.080 ng

RT: 10.199 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BP013929.D

Acq: 02 Mar 2023 19:05

Instrument :

BNA_P

ClientSampleId :

SAMPLE-4-COMP-4

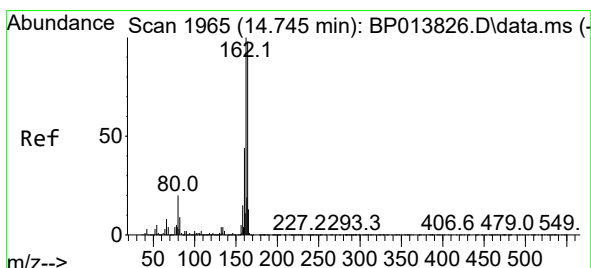
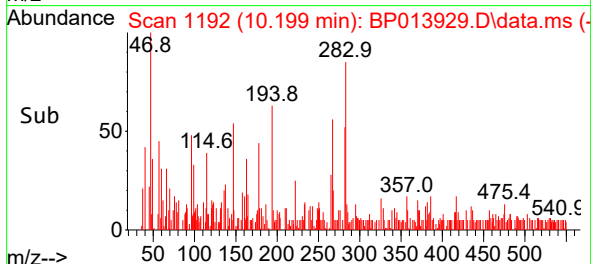
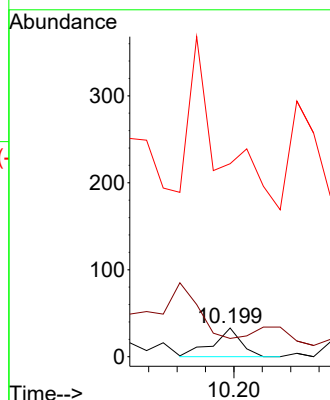
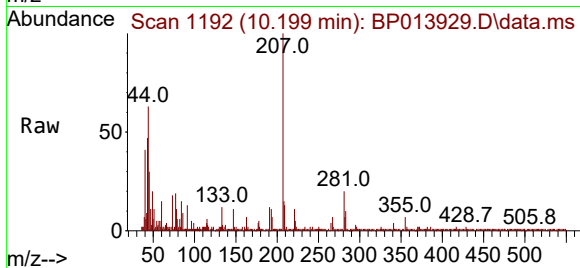
Tgt Ion:122 Resp: 23

Ion Ratio Lower Upper

122 100

105 63.6 107.4 147.4#

77 672.7 76.0 116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.734 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BP013929.D

Acq: 02 Mar 2023 19:05

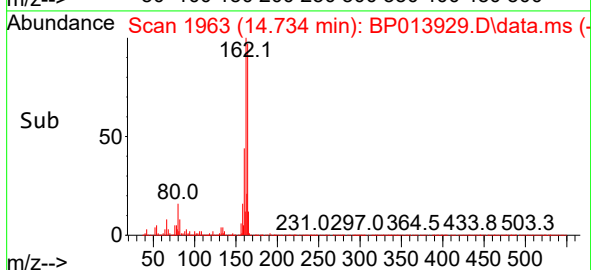
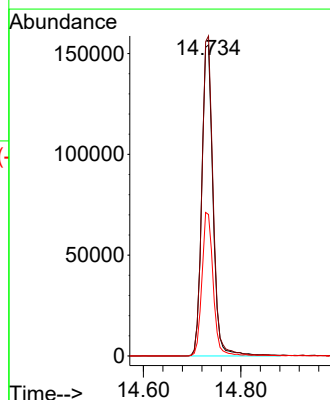
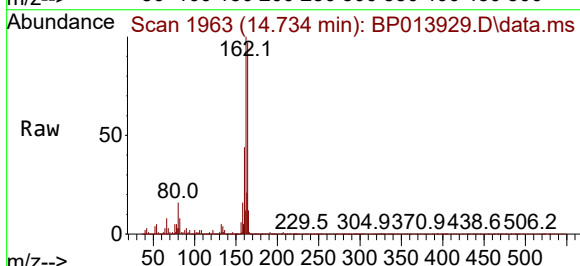
Tgt Ion:164 Resp: 249001

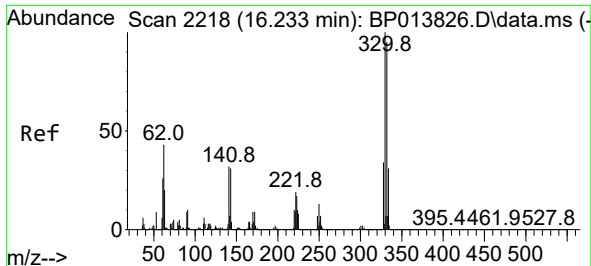
Ion Ratio Lower Upper

164 100

162 102.9 81.7 122.5

160 45.5 36.1 54.1

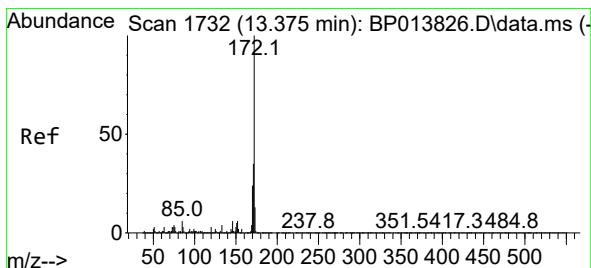
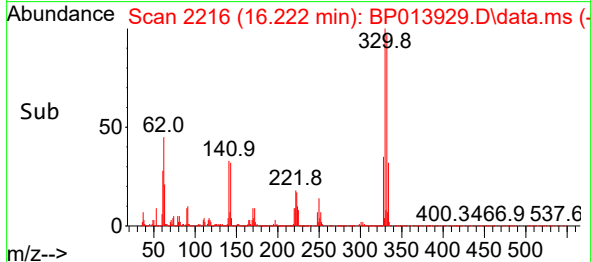
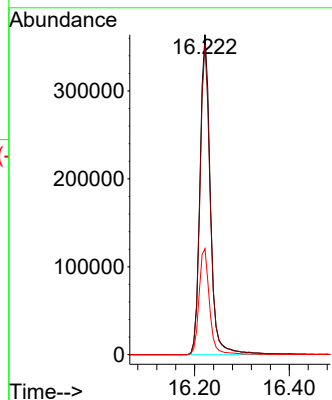
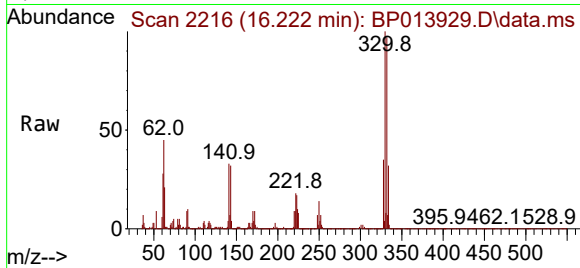




#42
2,4,6-Tribromophenol
Concen: 153.980 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

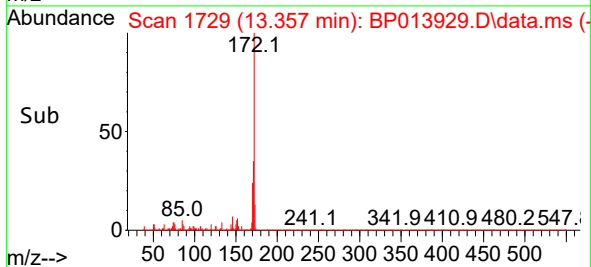
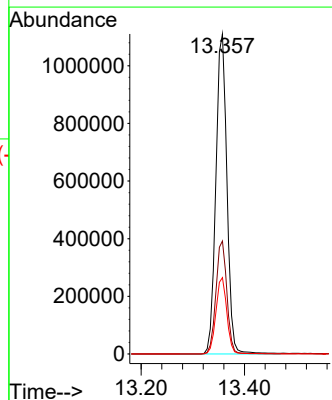
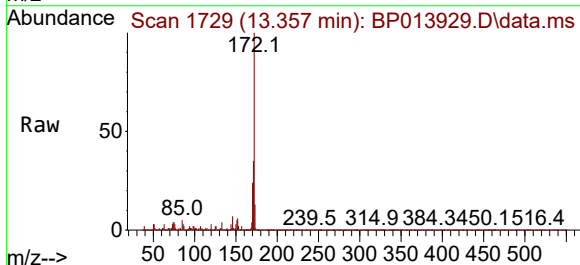
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SAMPLE-4-COMP-4

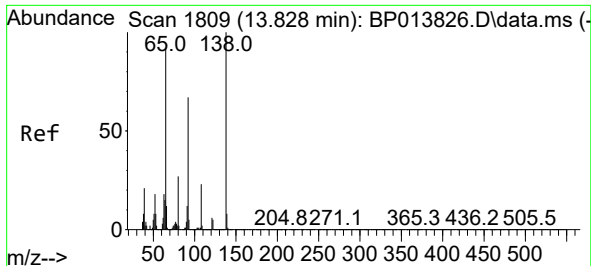
Tgt Ion:330 Resp: 558119
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 33.3 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 86.944 ng
RT: 13.357 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

Tgt Ion:172 Resp: 1648242
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.8 19.0 28.4

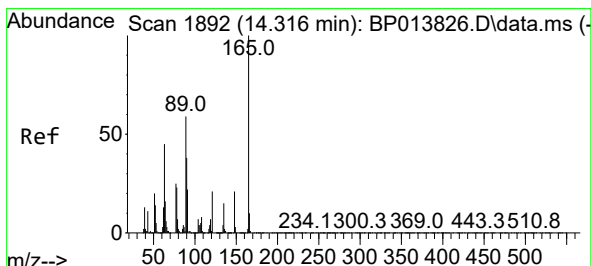
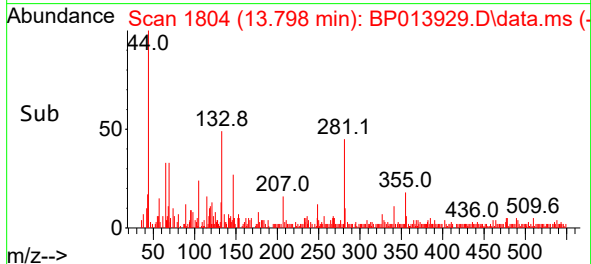
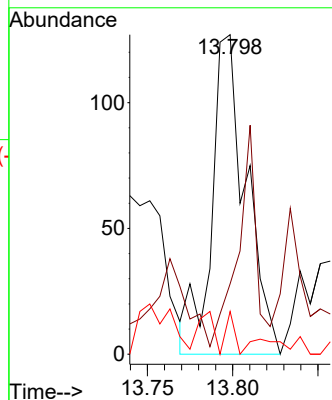
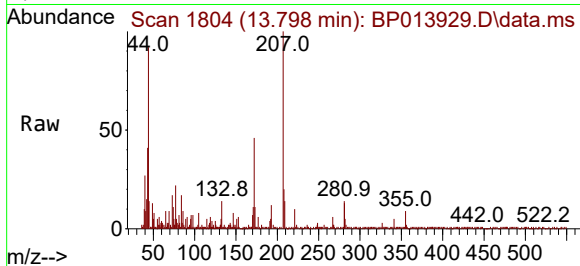




#48
2-Nitroaniline
Concen: 3.268 ng
RT: 13.798 min Scan# 1804
Delta R.T. -0.018 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

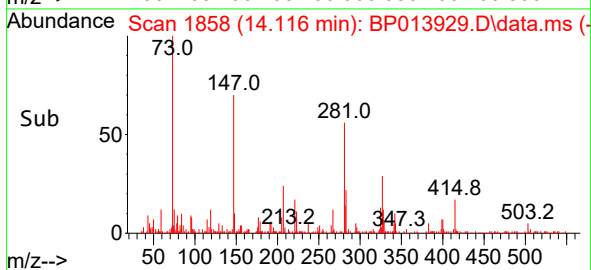
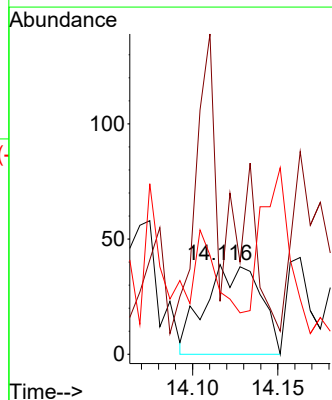
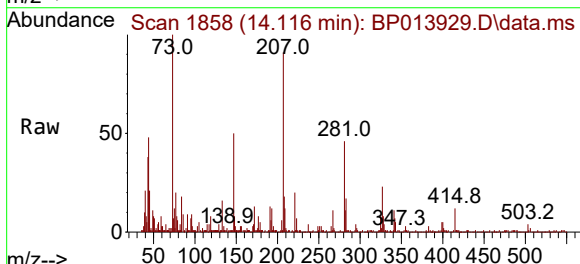
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SAMPLE-4-COMP-4

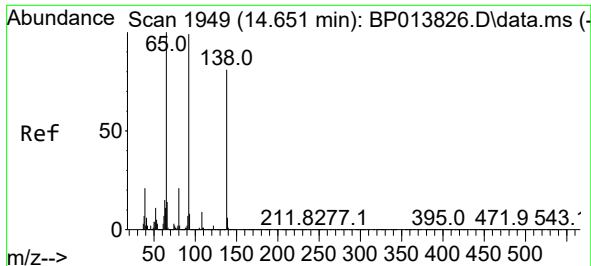
Tgt Ion: 65 Resp: 178
Ion Ratio Lower Upper
65 100
92 22.0 58.7 88.1#
138 13.4 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.006 ng
RT: 14.116 min Scan# 1858
Delta R.T. -0.194 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

Tgt Ion:165 Resp: 87
Ion Ratio Lower Upper
165 100
63 59.0 42.6 63.8
89 69.2 47.1 70.7

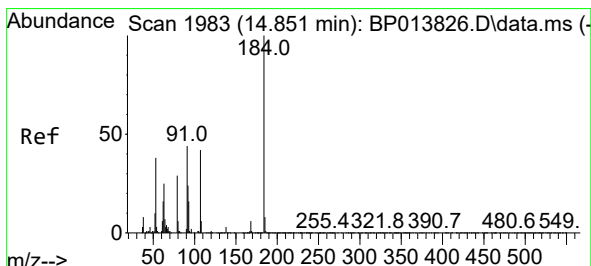
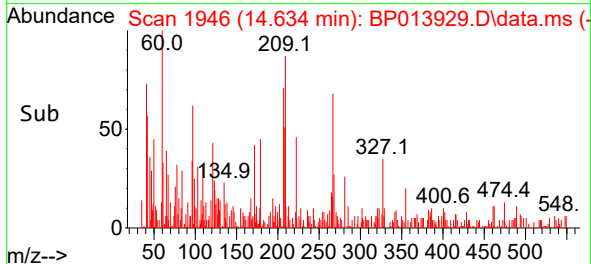
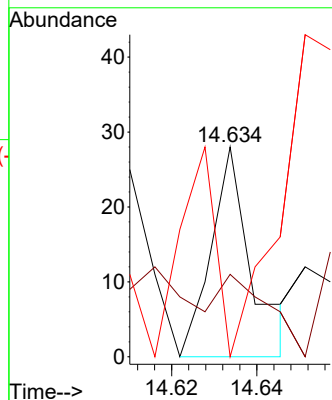
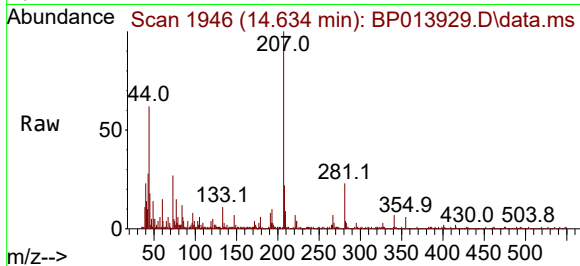




#53
3-Nitroaniline
Concen: 2.012 ng
RT: 14.634 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

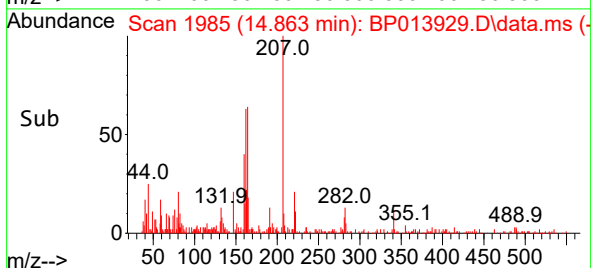
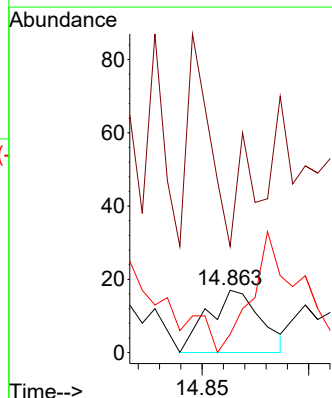
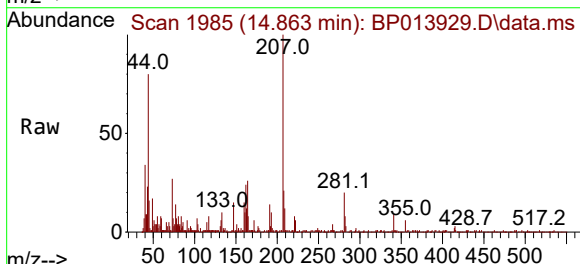
Instrument :
BNA_P
ClientSampleId :
SAMPLE-4-COMP-4

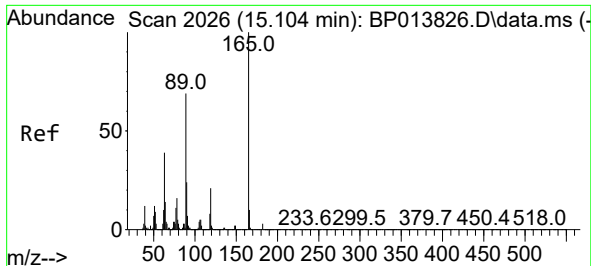
Tgt Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
108 39.3 9.0 13.4#
92 0.0 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.271 ng
RT: 14.863 min Scan# 1985
Delta R.T. 0.024 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 170.6 47.0 70.4#
154 29.4 51.5 77.3#

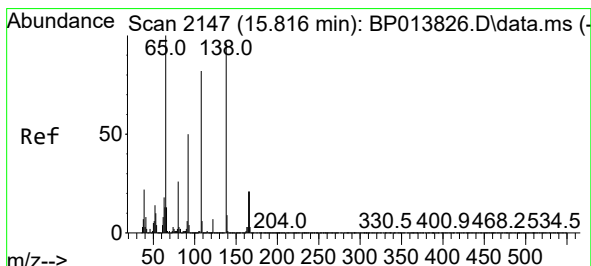
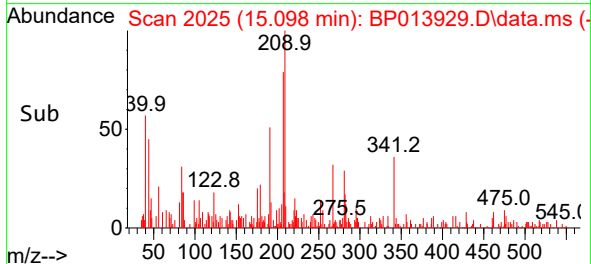
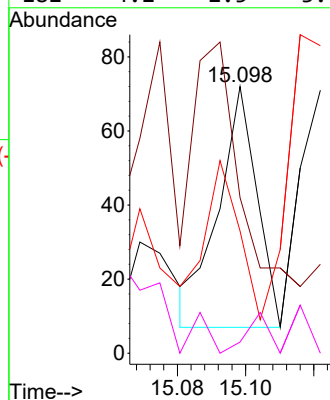
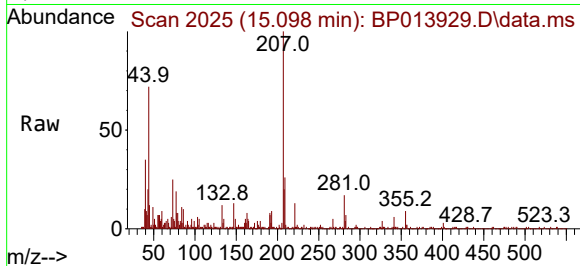




#57
2,4-Dinitrotoluene
Concen: 2.289 ng
RT: 15.098 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

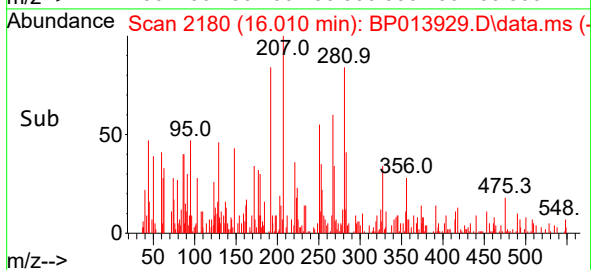
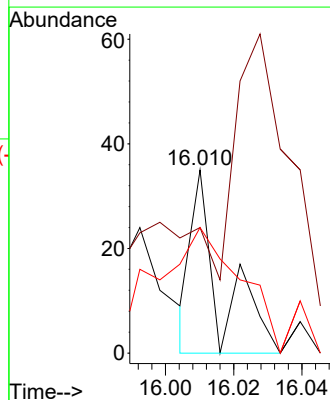
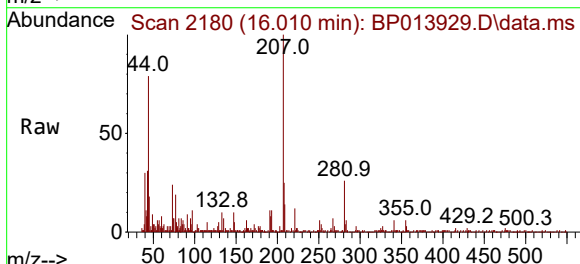
Instrument :
BNA_P
ClientSampleId :
SAMPLE-4-COMP-4

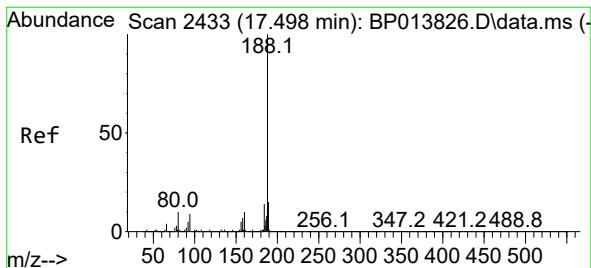
Tgt Ion:165 Resp: 51
Ion Ratio Lower Upper
165 100
63 58.3 31.1 46.7#
89 45.8 54.9 82.3#
182 4.2 2.5 3.7#



#62
4-Nitroaniline
Concen: 2.551 ng
RT: 16.010 min Scan# 2180
Delta R.T. 0.206 min
Lab File: BP013929.D
Acq: 02 Mar 2023 19:05

Tgt Ion:138 Resp: 21
Ion Ratio Lower Upper
138 100
92 68.6 32.0 72.0
108 68.6 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: BP013929.D

Acq: 02 Mar 2023 19:05

Instrument :

BNA_P

ClientSampleId :

SAMPLE-4-COMP-4

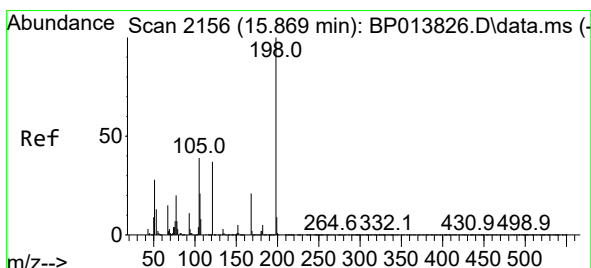
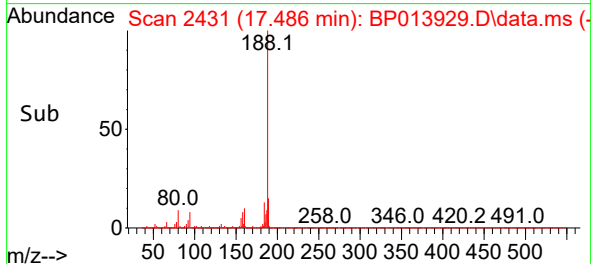
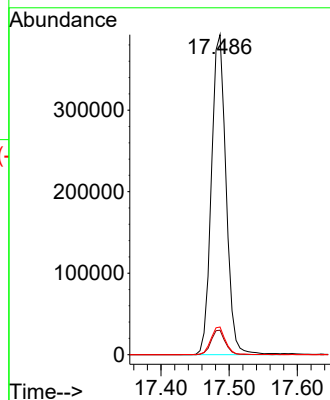
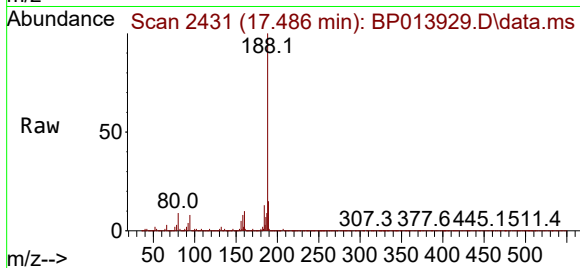
Tgt Ion:188 Resp: 588481

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.6 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.625 ng

RT: 15.845 min Scan# 2152

Delta R.T. -0.012 min

Lab File: BP013929.D

Acq: 02 Mar 2023 19:05

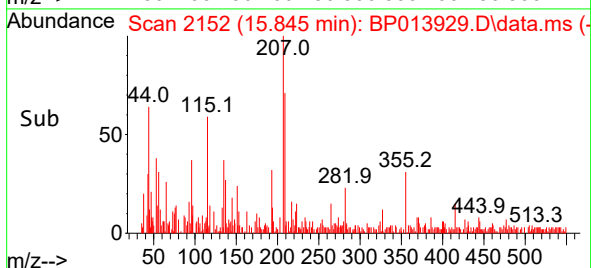
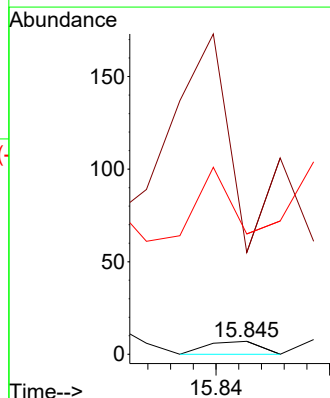
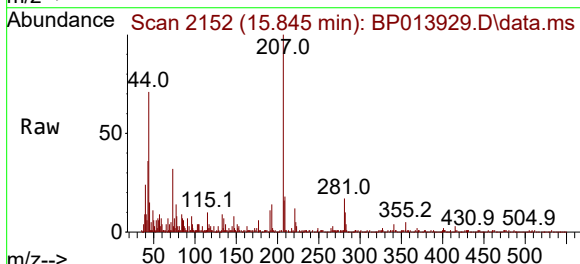
Tgt Ion:198 Resp: 5

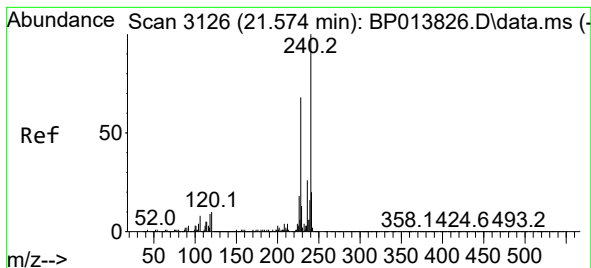
Ion Ratio Lower Upper

198 100

51 814.3 14.3 54.3#

105 928.6 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: BP013929.D

Acq: 02 Mar 2023 19:05

Instrument :

BNA_P

ClientSampleId :

SAMPLE-4-COMP-4

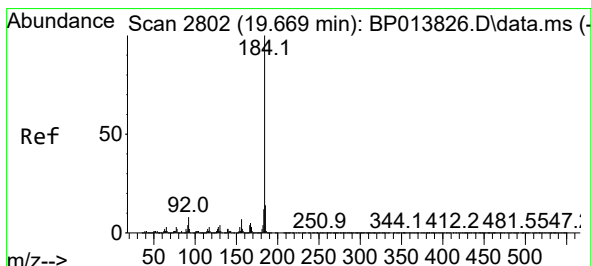
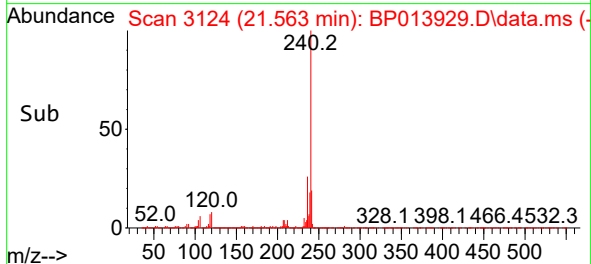
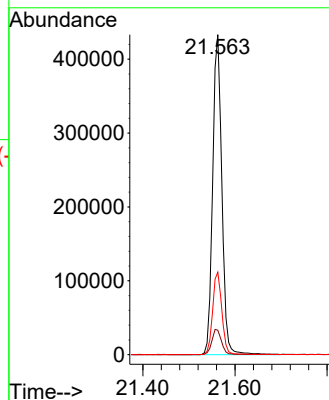
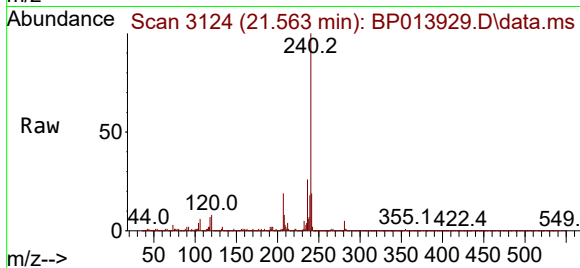
Tgt Ion:240 Resp: 600067

Ion Ratio Lower Upper

240 100

120 7.7 7.9 11.9#

236 25.8 20.9 31.3



#77

Benzidine

Concen: 2.286 ng

RT: 19.663 min Scan# 2801

Delta R.T. 0.006 min

Lab File: BP013929.D

Acq: 02 Mar 2023 19:05

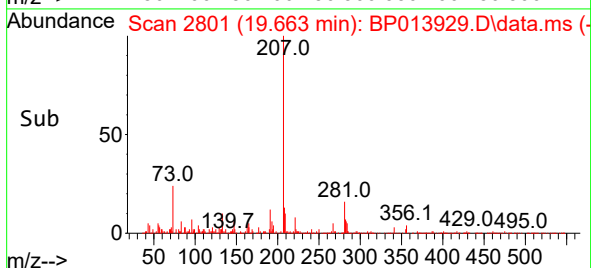
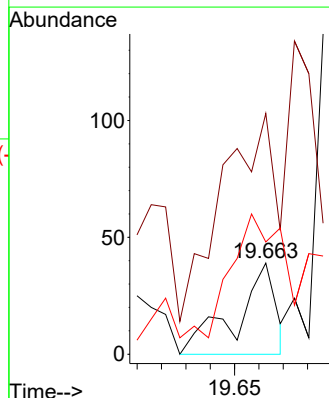
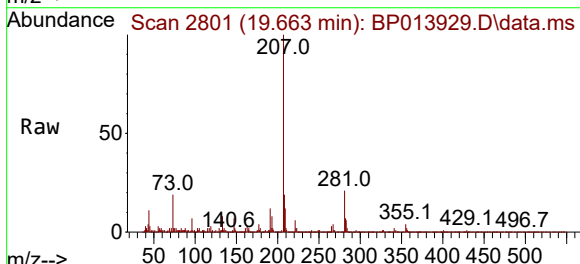
Tgt Ion:184 Resp: 44

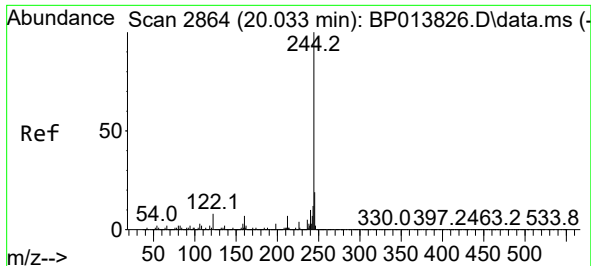
Ion Ratio Lower Upper

184 100

185 264.1 11.4 17.0#

183 123.1 9.6 14.4#

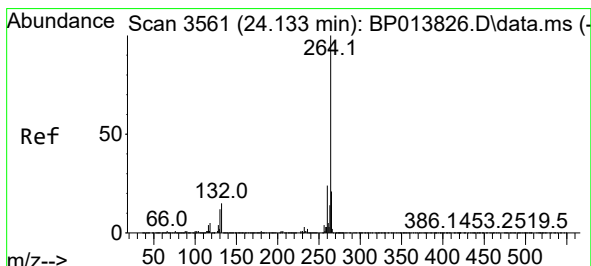
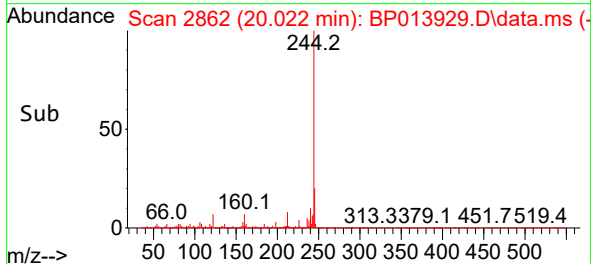
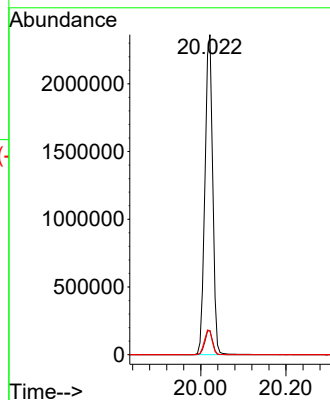
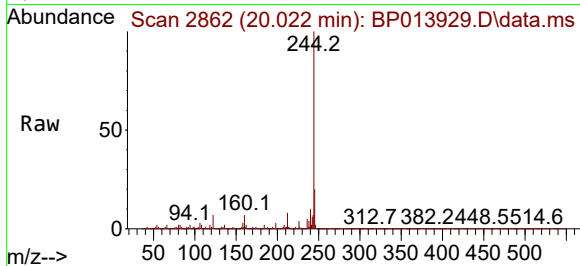




#79
 Terphenyl-d14
 Concen: 95.184 ng
 RT: 20.022 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP013929.D
 Acq: 02 Mar 2023 19:05

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-4-COMP-4

Tgt Ion:244 Resp: 2968647
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 7.4 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: BP013929.D
 Acq: 02 Mar 2023 19:05

Tgt Ion:264 Resp: 678718
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 22.0 17.6 26.4

