

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013928.D
 Acq On : 02 Mar 2023 18:31
 Operator : CG/JU
 Sample : 01739-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-3-COMP-3

Quant Time: Mar 03 02:39:14 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)

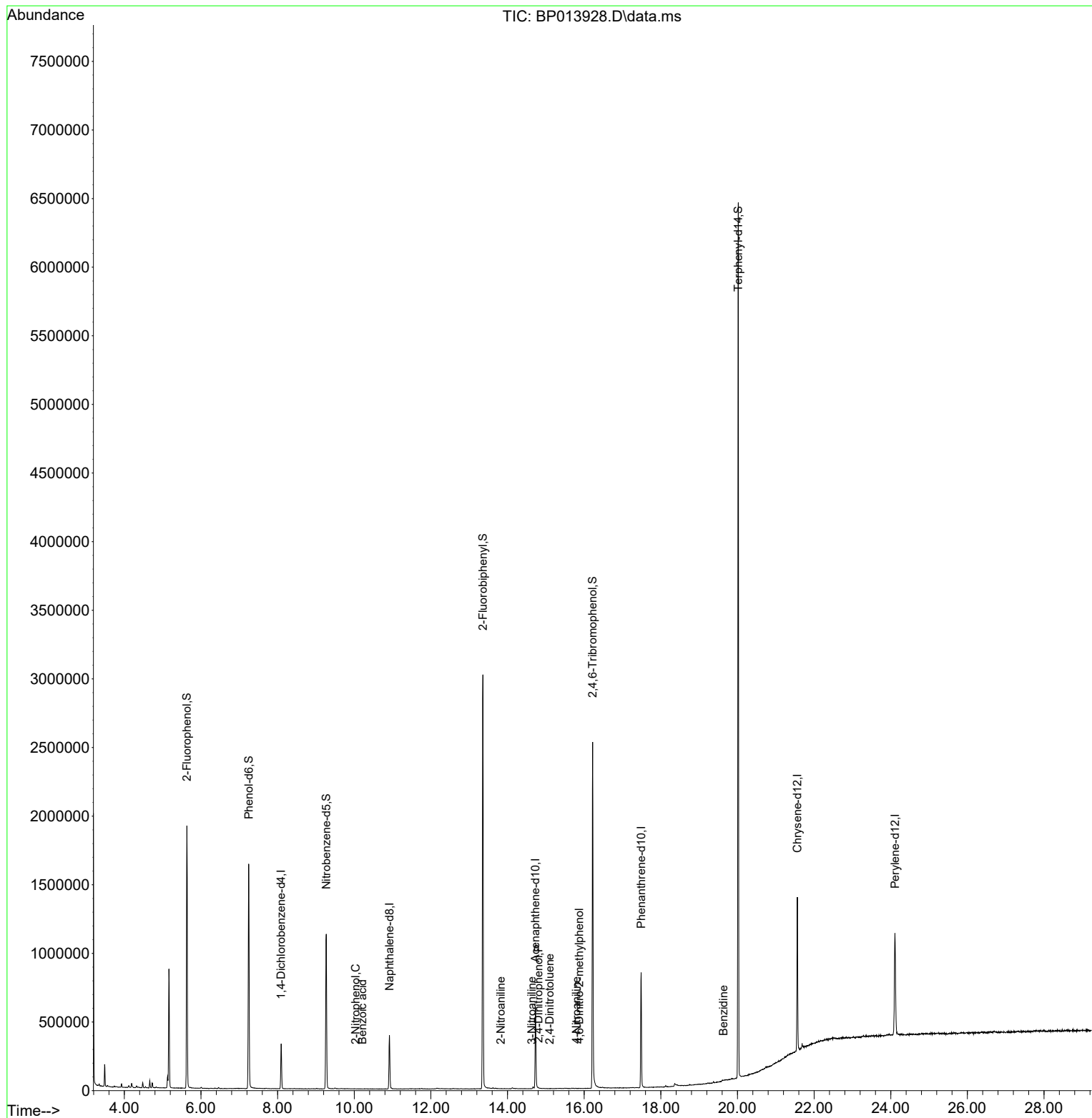
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	82952	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	317827	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	213380	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	514961	20.000	ng	0.00
76) Chrysene-d12	21.563	240	551396	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	630854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	764680	151.928	ng	0.00
7) Phenol-d6	7.246	99	890669	138.172	ng	0.00
23) Nitrobenzene-d5	9.269	82	660146	112.161	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	515253	165.884	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1535259	94.503	ng	0.00
79) Terphenyl-d14	20.022	244	2976586	103.862	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.034	139	11	2.772	ng	# 14
32) Benzoic acid	10.210	122	15	5.079	ng	# 1
48) 2-Nitroaniline	13.822	65	130	3.262	ng	# 19
53) 3-Nitroaniline	14.634	138	10	2.010	ng	# 28
54) 2,4-Dinitrophenol	14.810	184	24	5.271	ng	# 1
57) 2,4-Dinitrotoluene	15.098	165	90	2.298	ng	# 44
62) 4-Nitroaniline	15.798	138	15	2.551	ng	# 79
65) 4,6-Dinitro-2-methylph...	15.869	198	5	4.625	ng	# 1
77) Benzidine	19.633	184	102	2.291	ng	# 1

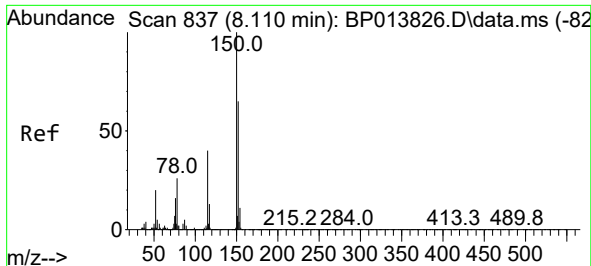
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
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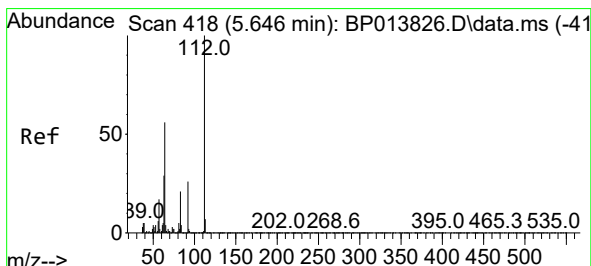
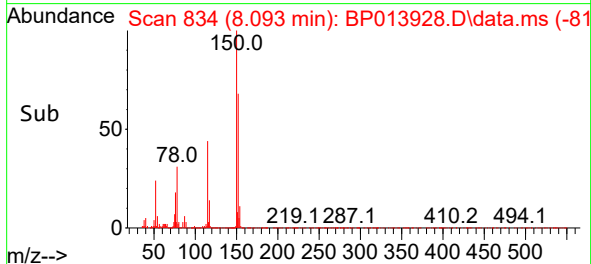
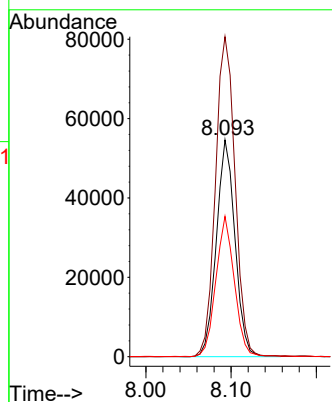
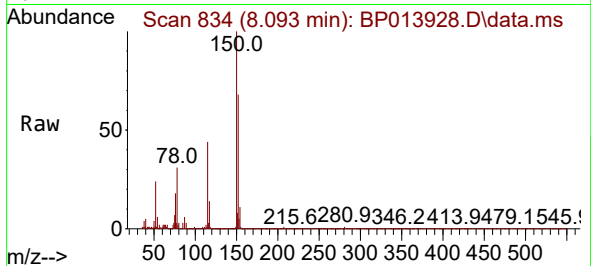




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

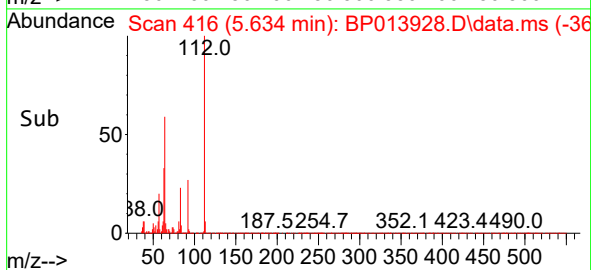
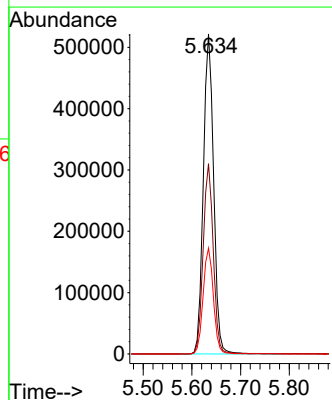
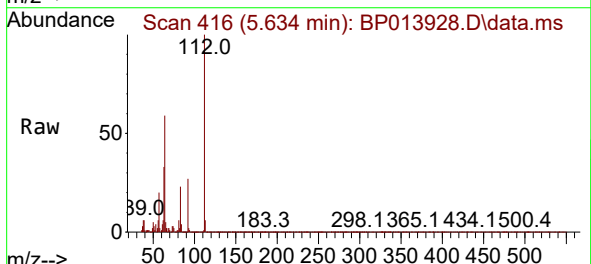
Instrument :
BNA_P
ClientSampleId :
SAMPLE-3-COMP-3

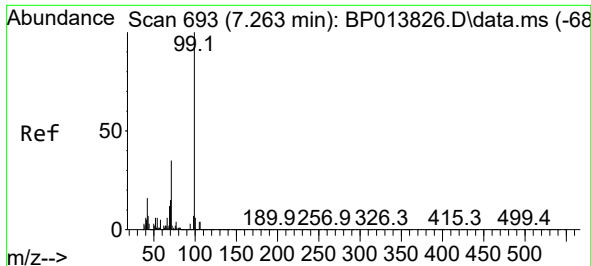
Tgt Ion:152 Resp: 82952
Ion Ratio Lower Upper
152 100
150 147.6 122.8 184.2
115 64.7 49.0 73.6



#5
2-Fluorophenol
Concen: 151.928 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

Tgt Ion:112 Resp: 764680
Ion Ratio Lower Upper
112 100
64 59.5 44.6 66.8
63 33.1 23.6 35.4

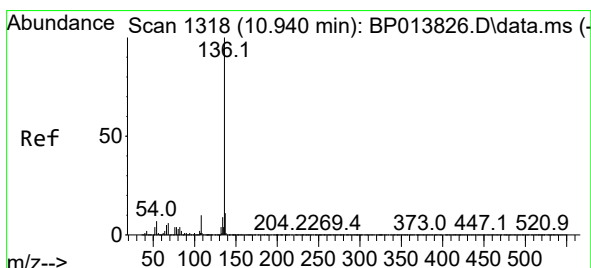
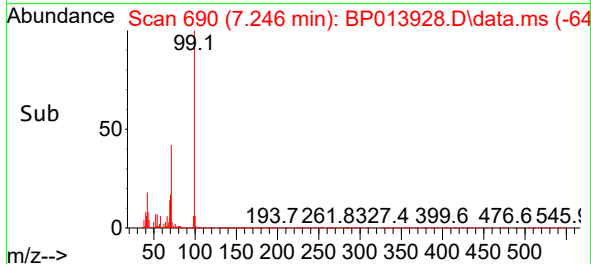
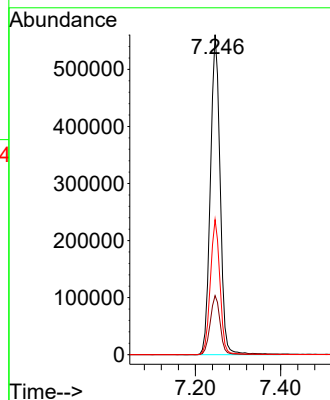
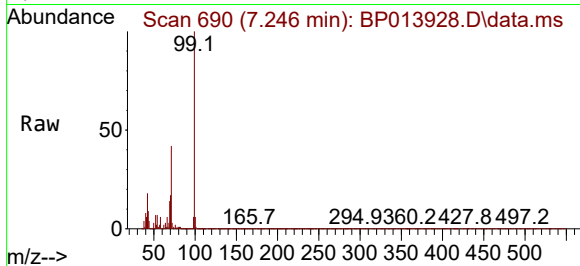




#7
Phenol-d6
Concen: 138.172 ng
RT: 7.246 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

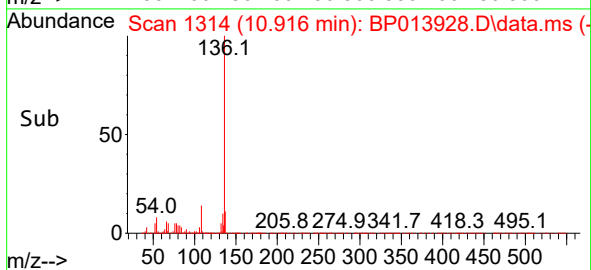
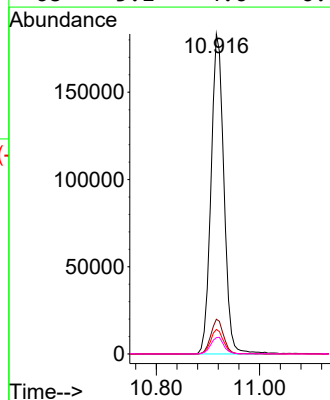
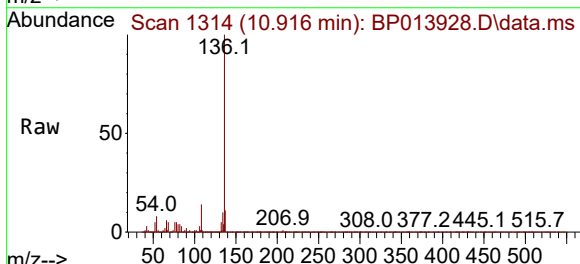
Instrument :
BNA_P
ClientSampleId :
SAMPLE-3-COMP-3

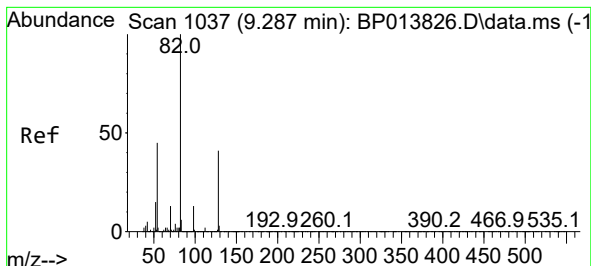
Tgt Ion: 99 Resp: 890669
Ion Ratio Lower Upper
99 100
42 18.4 12.5 18.7
71 42.2 27.8 41.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

Tgt Ion: 136 Resp: 317827
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.7 5.8 8.6
68 5.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 112.161 ng

RT: 9.269 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BP013928.D

Acq: 02 Mar 2023 18:31

Instrument :

BNA_P

ClientSampleId :

SAMPLE-3-COMP-3

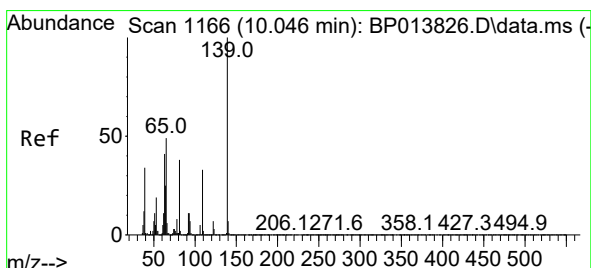
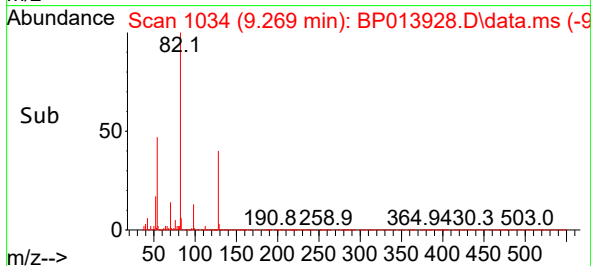
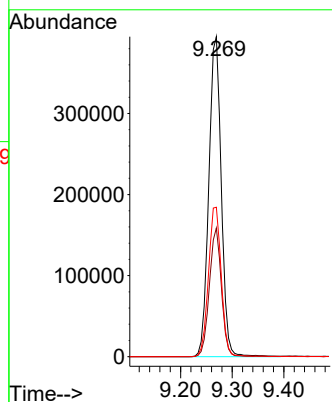
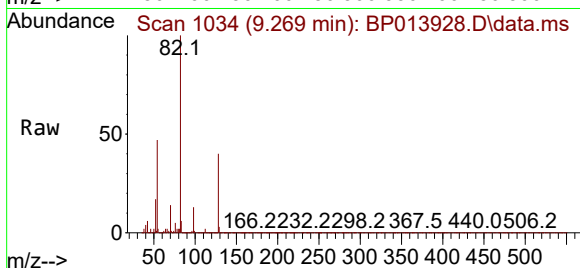
Tgt Ion: 82 Resp: 660146

Ion Ratio Lower Upper

82 100

128 40.2 32.9 49.3

54 46.7 35.6 53.4



#26

2-Nitrophenol

Concen: 2.772 ng

RT: 10.034 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BP013928.D

Acq: 02 Mar 2023 18:31

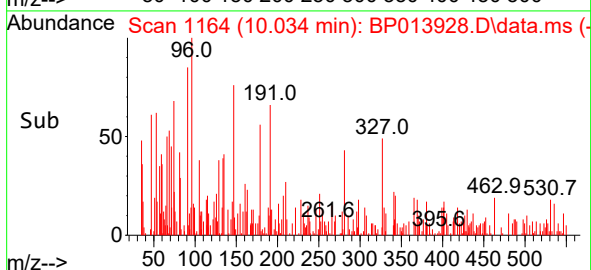
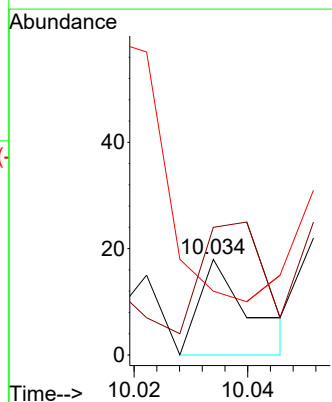
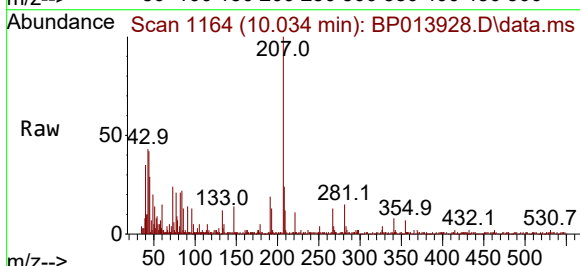
Tgt Ion:139 Resp: 11

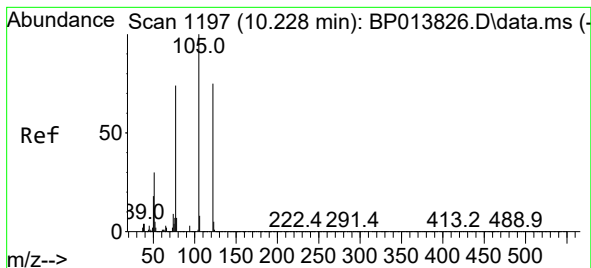
Ion Ratio Lower Upper

139 100

109 133.3 26.7 40.1#

65 66.7 39.4 59.2#





#32

Benzoic acid

Concen: 5.079 ng

RT: 10.210 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BP013928.D

Acq: 02 Mar 2023 18:31

Instrument :

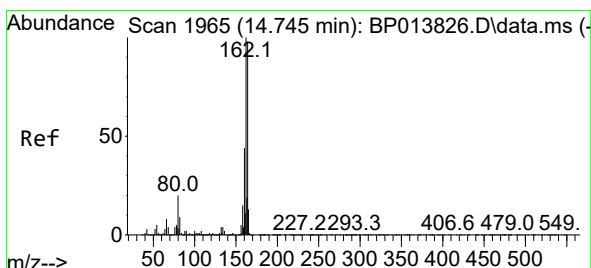
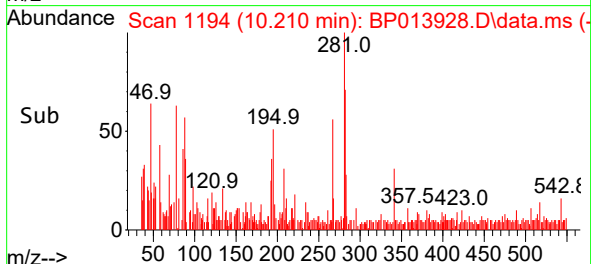
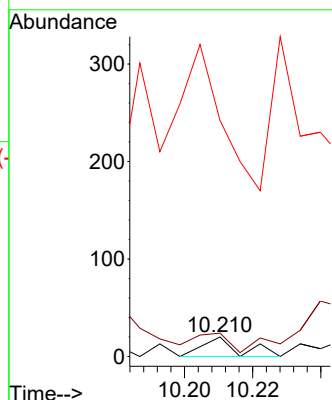
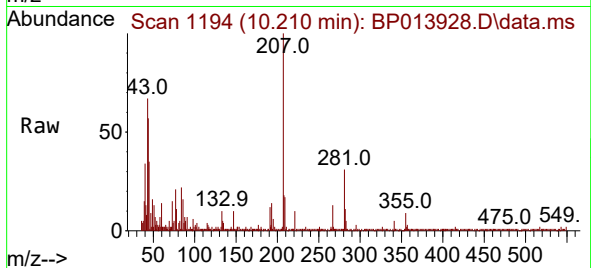
BNA_P

ClientSampleId :

SAMPLE-3-COMP-3

Tgt Ion:122 Resp: 15

Ion	Ratio	Lower	Upper
122	100		
105	120.0	107.4	147.4
77	1210.0	76.0	116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.728 min Scan# 1962

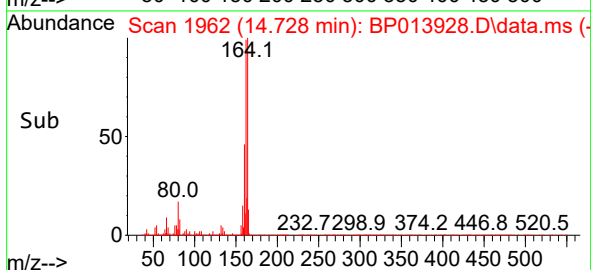
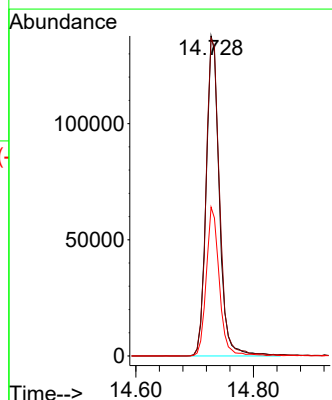
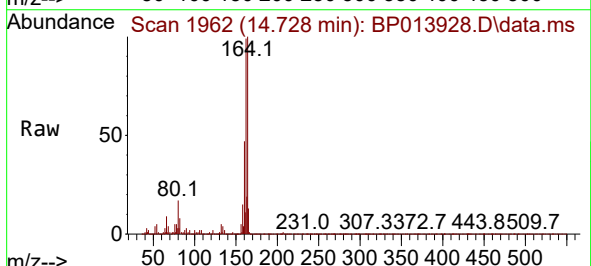
Delta R.T. -0.006 min

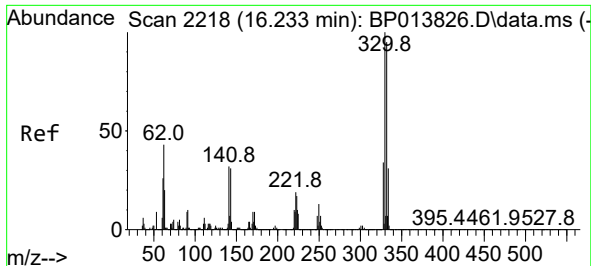
Lab File: BP013928.D

Acq: 02 Mar 2023 18:31

Tgt Ion:164 Resp: 213380

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.7	122.5
160	46.5	36.1	54.1

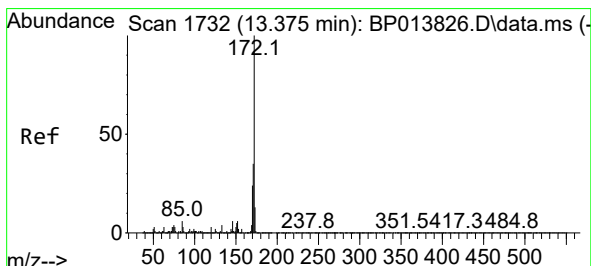
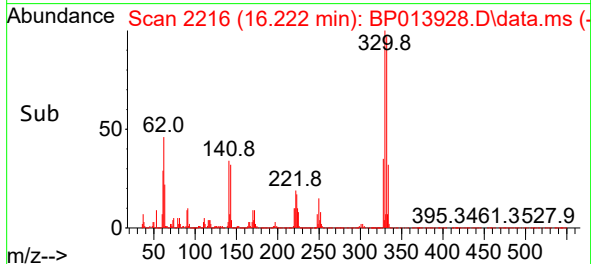
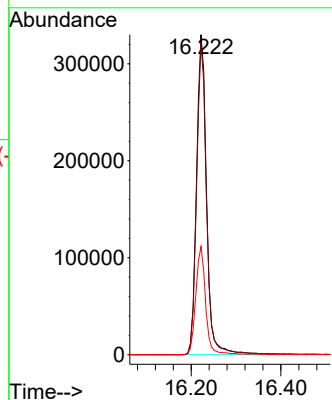
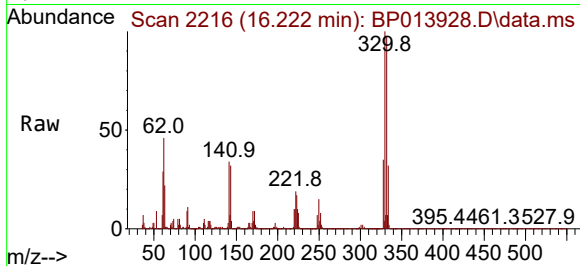




#42
2,4,6-Tribromophenol
Concen: 165.884 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

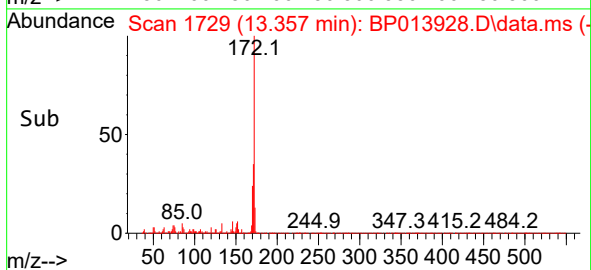
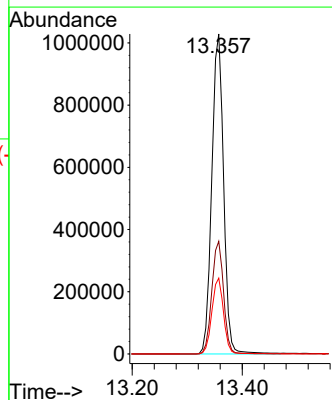
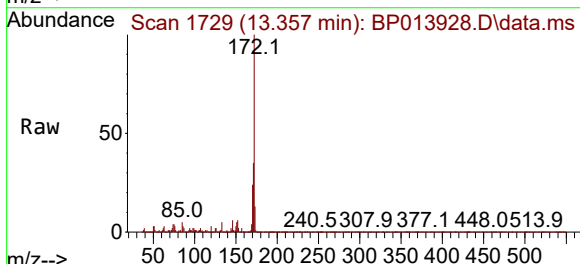
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BNA_P
ClientSampleId :
SAMPLE-3-COMP-3

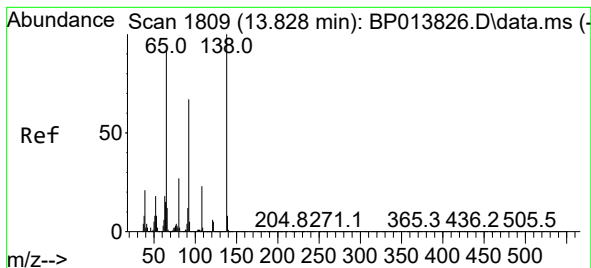
Tgt Ion:330 Resp: 515253
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 33.0 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 94.503 ng
RT: 13.357 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

Tgt Ion:172 Resp: 1535259
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.7 19.0 28.4

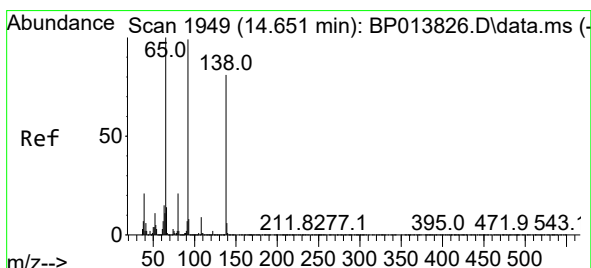
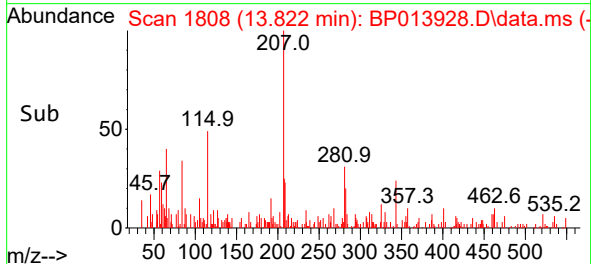
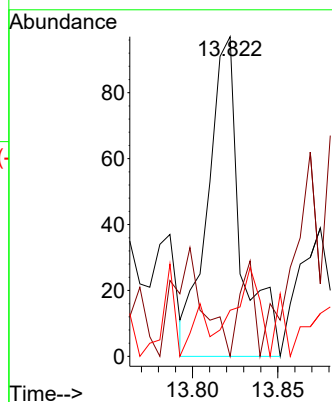
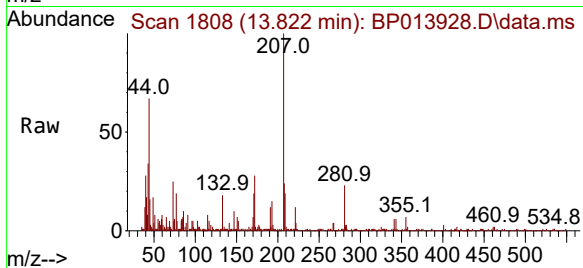




#48
2-Nitroaniline
Concen: 3.262 ng
RT: 13.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

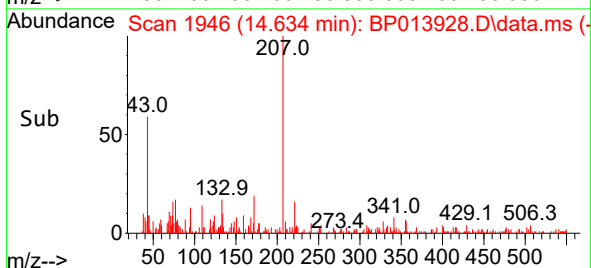
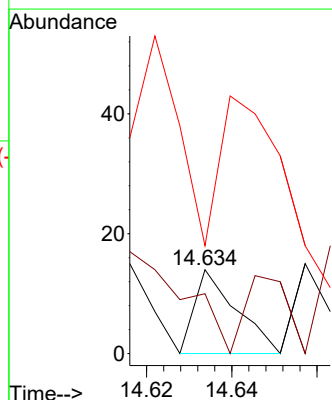
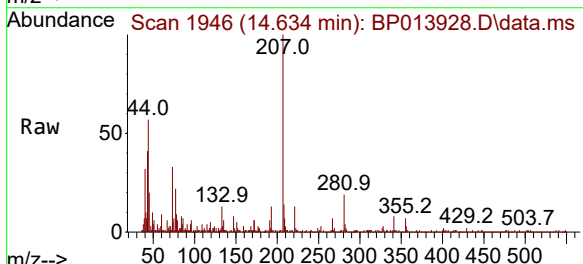
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ClientSampleId :
SAMPLE-3-COMP-3

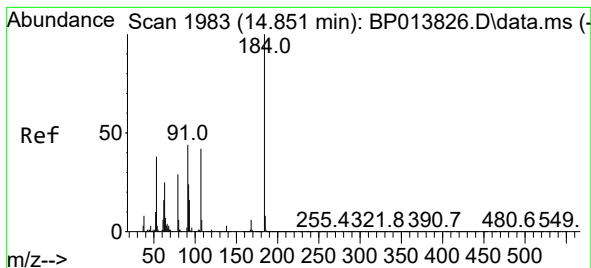
Tgt Ion: 65 Resp: 130
Ion Ratio Lower Upper
65 100
92 0.0 58.7 88.1#
138 27.8 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.010 ng
RT: 14.634 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

Tgt Ion: 138 Resp: 10
Ion Ratio Lower Upper
138 100
108 71.4 9.0 13.4#
92 192.9 97.1 145.7#

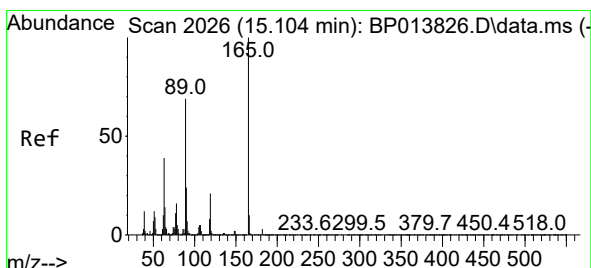
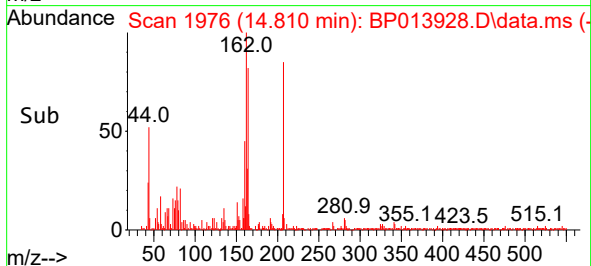
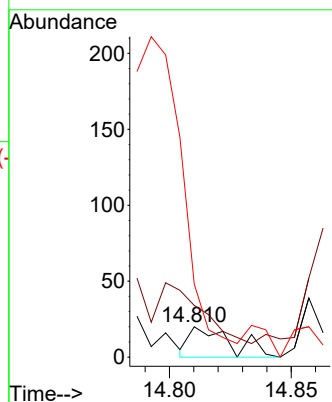
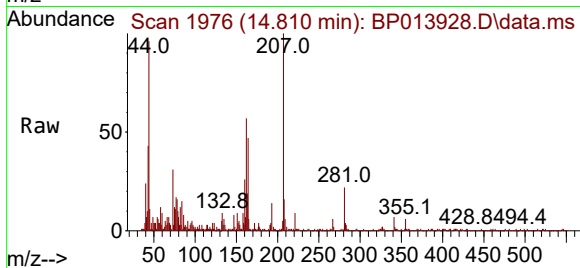




#54
2,4-Dinitrophenol
Concen: 5.271 ng
RT: 14.810 min Scan# 1983
Delta R.T. -0.029 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

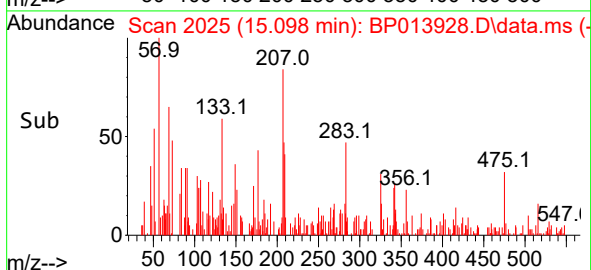
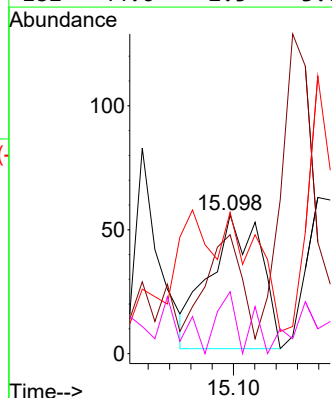
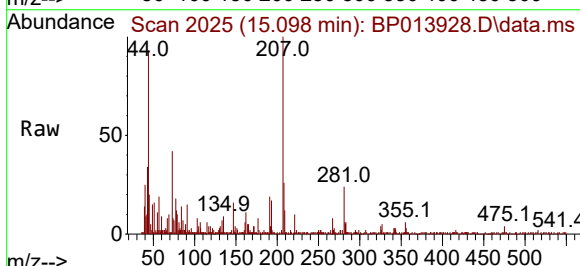
Instrument :
BNA_P
ClientSampleId :
SAMPLE-3-COMP-3

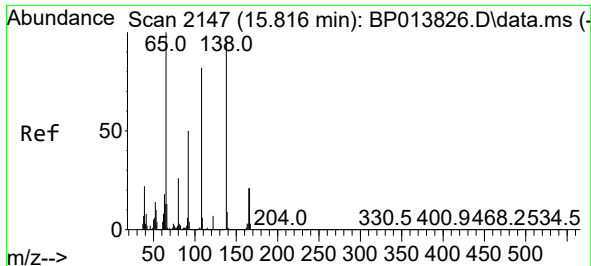
Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 170.0 47.0 70.4#
154 290.0 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 2.298 ng
RT: 15.098 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

Tgt Ion:165 Resp: 90
Ion Ratio Lower Upper
165 100
63 85.7 31.1 46.7#
89 101.8 54.9 82.3#
182 44.6 2.5 3.7#

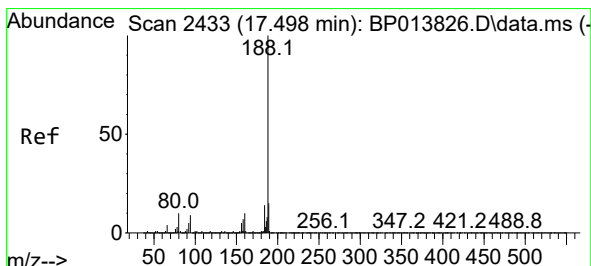
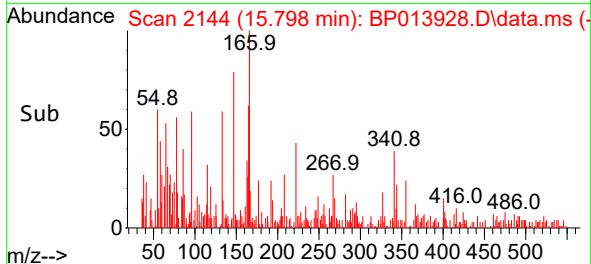
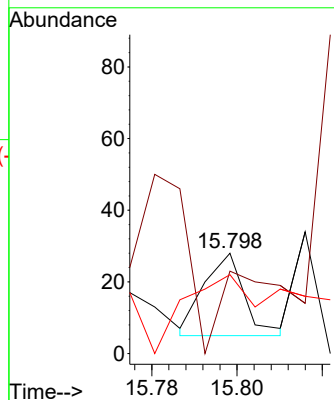
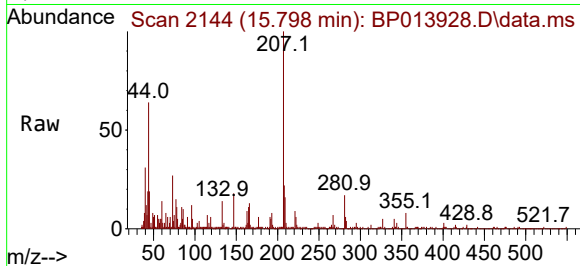




#62
4-Nitroaniline
Concen: 2.551 ng
RT: 15.798 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

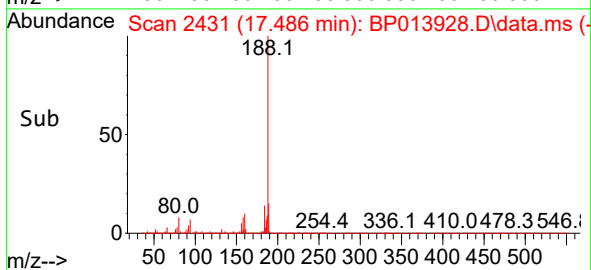
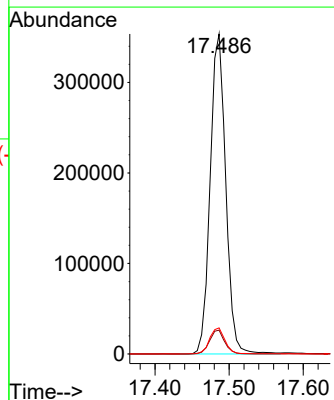
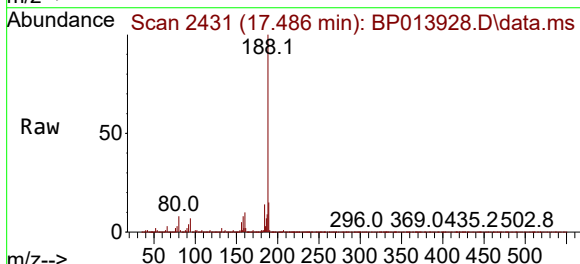
Instrument :
BNA_P
ClientSampleId :
SAMPLE-3-COMP-3

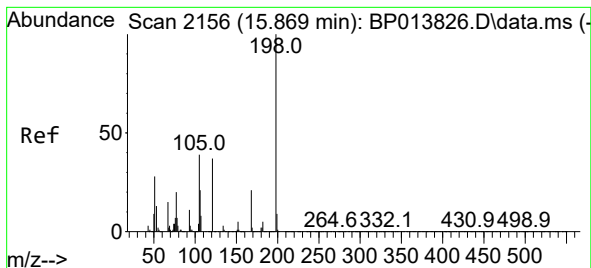
Tgt Ion:138 Resp: 15
Ion Ratio Lower Upper
138 100
92 82.1 32.0 72.0#
108 78.6 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

Tgt Ion:188 Resp: 514961
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.2 7.8 11.8

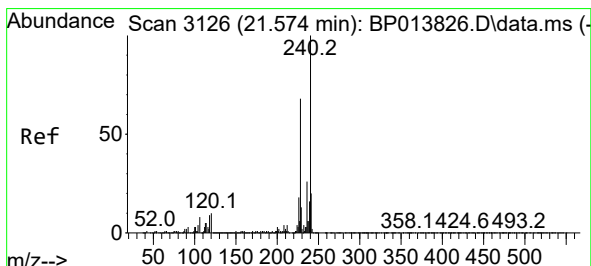
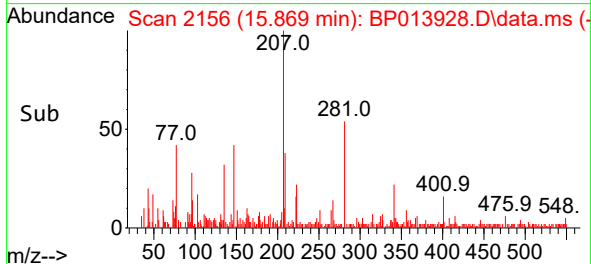
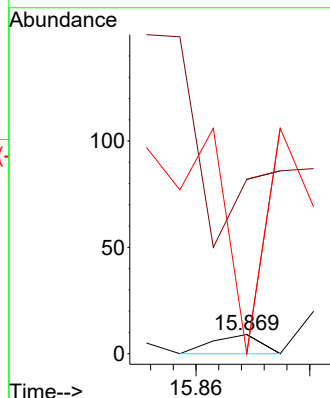
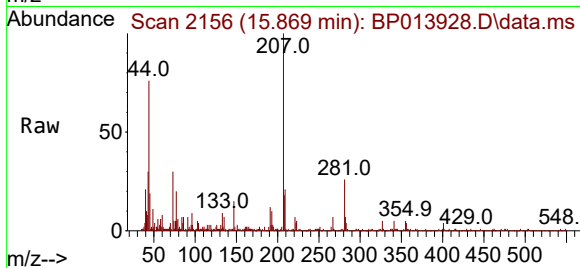




#65
4,6-Dinitro-2-methylphenol
Concen: 4.625 ng
RT: 15.869 min Scan# 2156
Delta R.T. 0.012 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

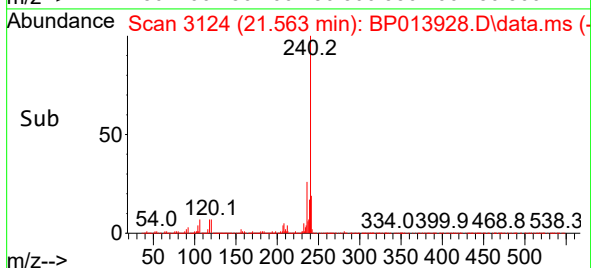
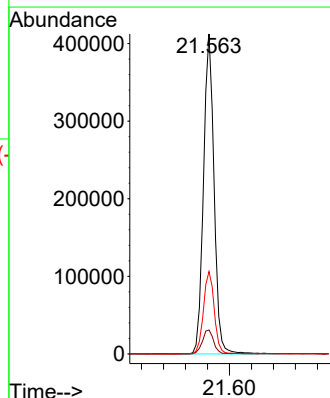
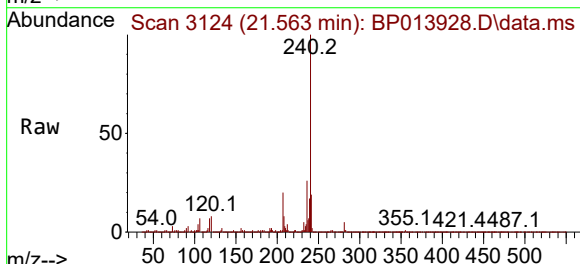
Instrument :
BNA_P
ClientSampleId :
SAMPLE-3-COMP-3

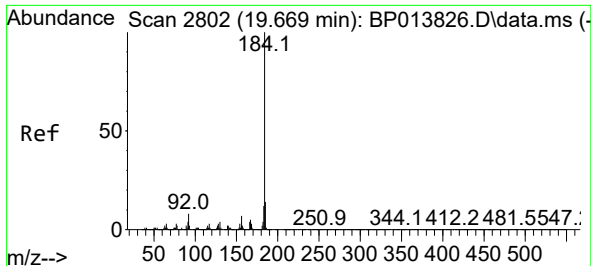
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 911.1 14.3 54.3#
105 122.2 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

Tgt Ion:240 Resp: 551396
Ion Ratio Lower Upper
240 100
120 7.5 7.9 11.9#
236 25.8 20.9 31.3

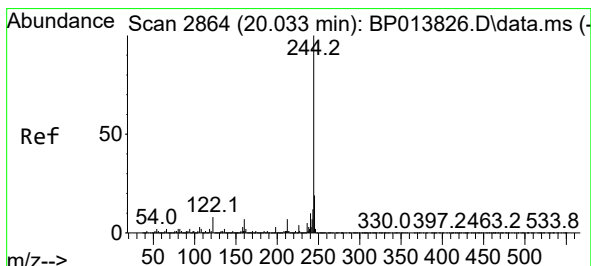
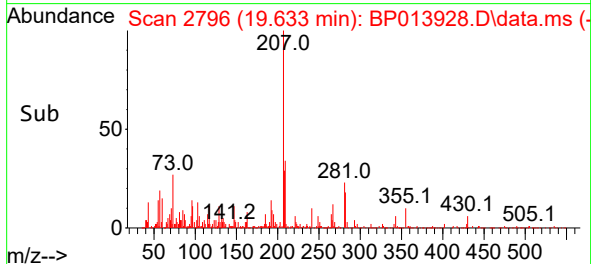
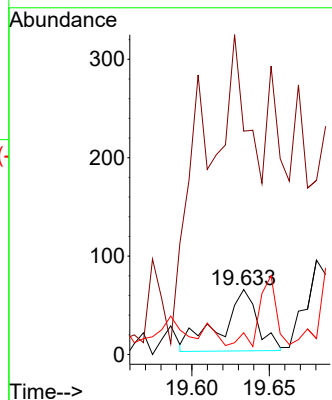
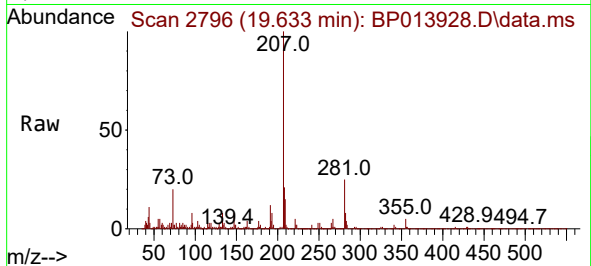




#77
Benzidine
Concen: 2.291 ng
RT: 19.633 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

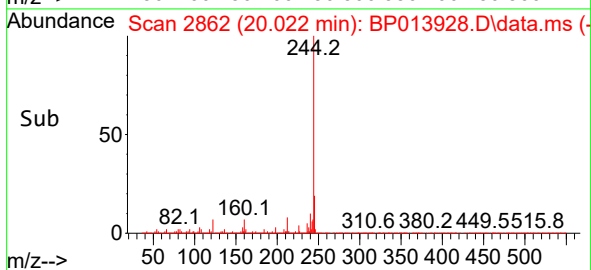
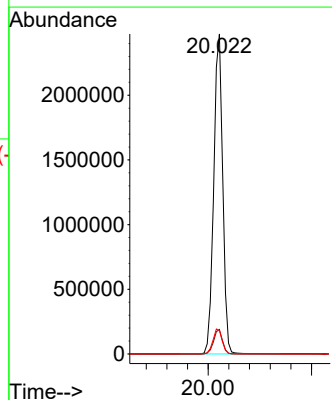
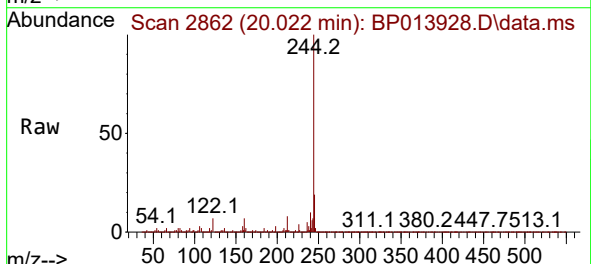
Instrument :
BNA_P
ClientSampleId :
SAMPLE-3-COMP-3

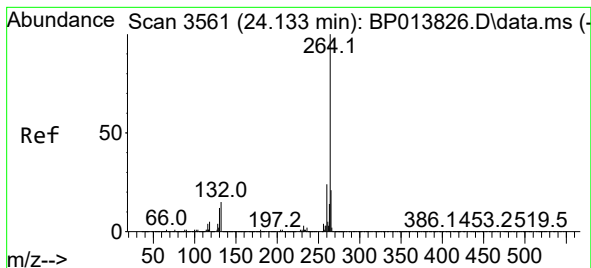
Tgt Ion:184 Resp: 102
Ion Ratio Lower Upper
184 100
185 343.9 11.4 17.0#
183 33.3 9.6 14.4#



#79
Terphenyl-d14
Concen: 103.862 ng
RT: 20.022 min Scan# 2862
Delta R.T. 0.000 min
Lab File: BP013928.D
Acq: 02 Mar 2023 18:31

Tgt Ion:244 Resp: 2976586
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 7.4 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP013928.D

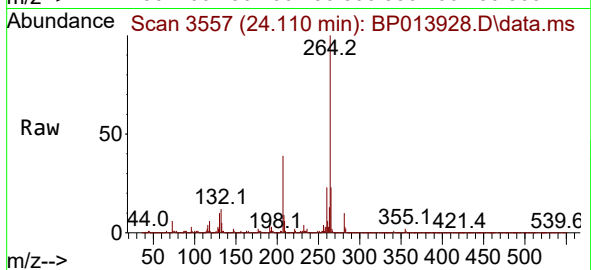
Acq: 02 Mar 2023 18:31

Instrument :

BNA_P

ClientSampleId :

SAMPLE-3-COMP-3



Tgt Ion:264 Resp: 630854

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 23.0 17.6 26.4

