

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013898.D
 Acq On : 28 Feb 2023 20:04
 Operator : CG/JU
 Sample : 01723-31
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-16

Quant Time: Mar 01 03:48:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 16:57:00 2023
 Response via : Initial Calibration

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

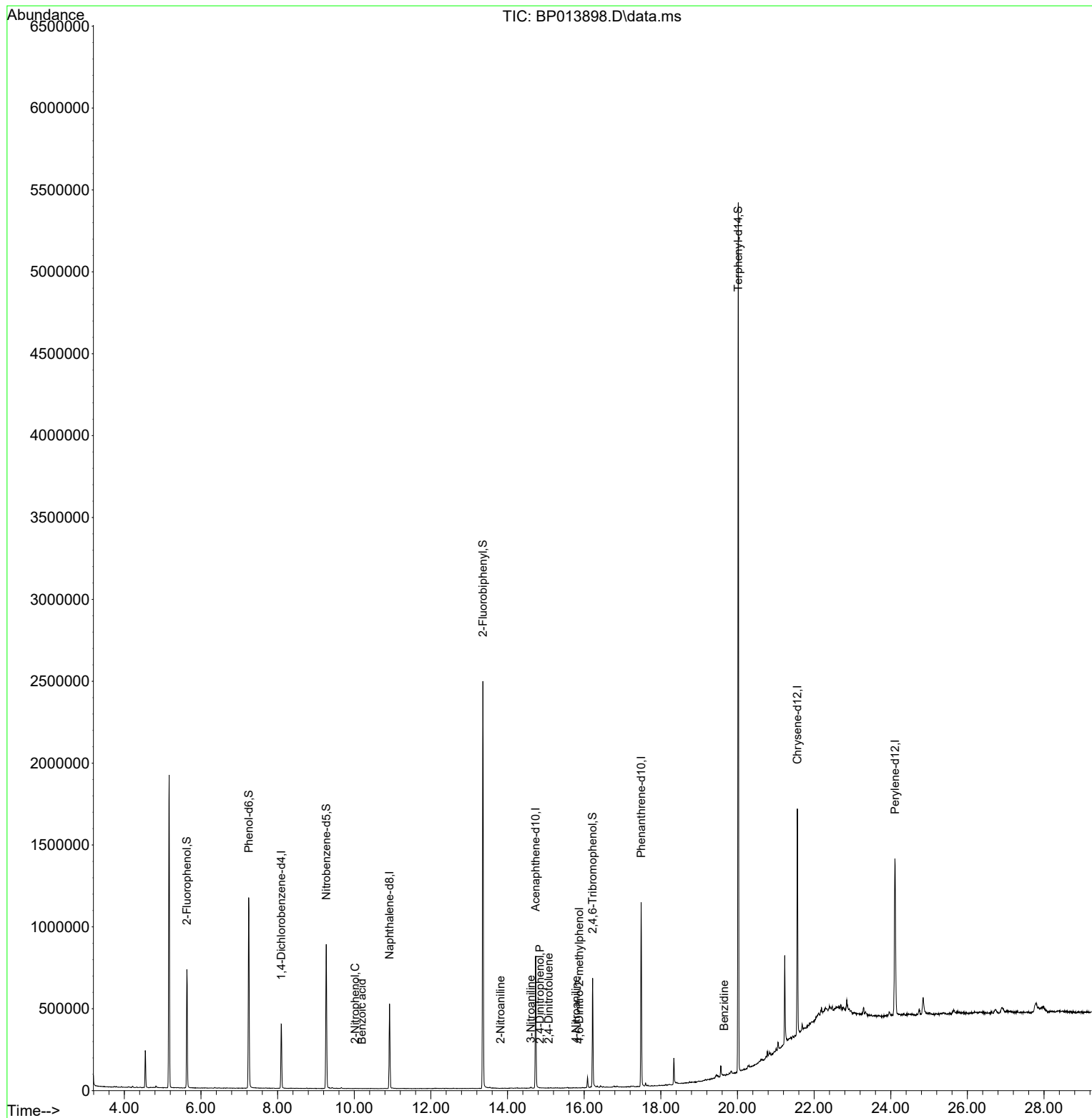
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	104914	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	402857	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	274198	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	655192	20.000	ng	0.00
76) Chrysene-d12	21.563	240	698378	20.000	ng	-0.01
86) Perylene-d12	24.110	264	810941	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	295279	46.386	ng	0.00
7) Phenol-d6	7.246	99	654191	80.242	ng	0.00
23) Nitrobenzene-d5	9.269	82	500491	67.087	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	133063	33.337	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1266077	60.648	ng	-0.01
79) Terphenyl-d14	20.022	244	2516539	69.329	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	10.028	139	22	2.774	ng	# 1
32) Benzoic acid	10.199	122	67	5.088	ng	# 44
48) 2-Nitroaniline	13.816	65	79	3.245	ng	# 20
53) 3-Nitroaniline	14.610	138	35	2.014	ng	# 31
54) 2,4-Dinitrophenol	14.845	184	11	5.265	ng	# 1
57) 2,4-Dinitrotoluene	15.075	165	97	2.295	ng	# 86
62) 4-Nitroaniline	15.787	138	18	2.550	ng	# 31
65) 4,6-Dinitro-2-methylph...	15.869	198	4	4.625	ng	# 1
77) Benzidine	19.651	184	75	2.288	ng	# 1

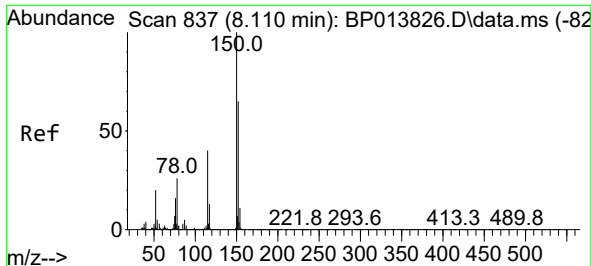
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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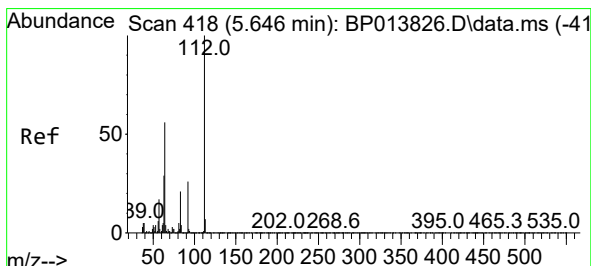
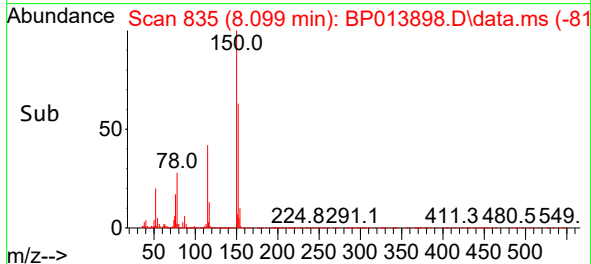
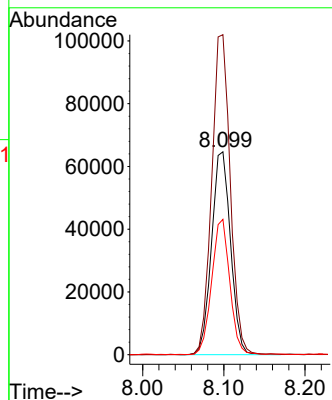
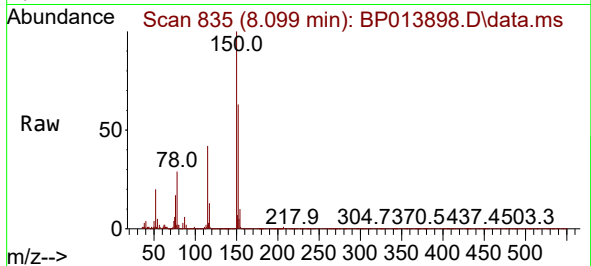




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

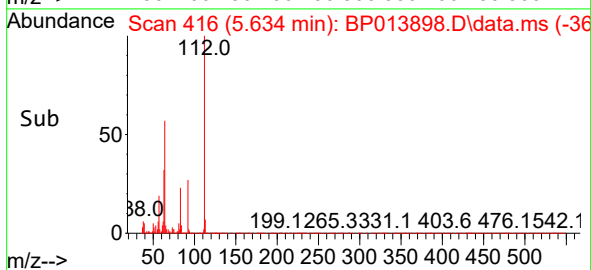
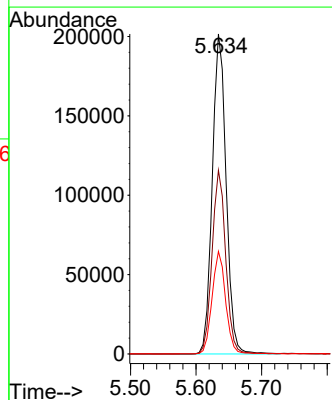
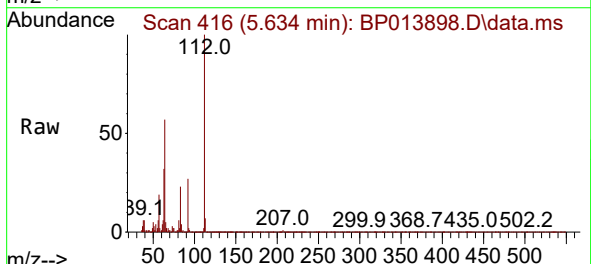
Instrument :
BNA_P
ClientSampleId :
HH-CON-16

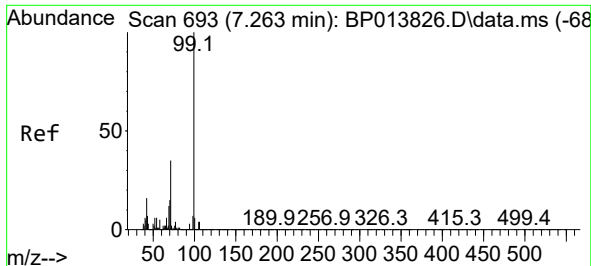
Tgt Ion:152 Resp: 104914
Ion Ratio Lower Upper
152 100
150 157.8 122.8 184.2
115 66.7 49.0 73.6



#5
2-Fluorophenol
Concen: 46.386 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

Tgt Ion:112 Resp: 295279
Ion Ratio Lower Upper
112 100
64 57.4 44.6 66.8
63 32.0 23.6 35.4

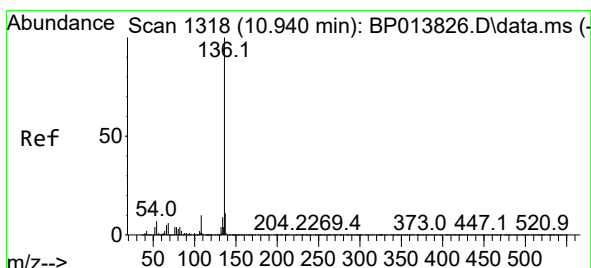
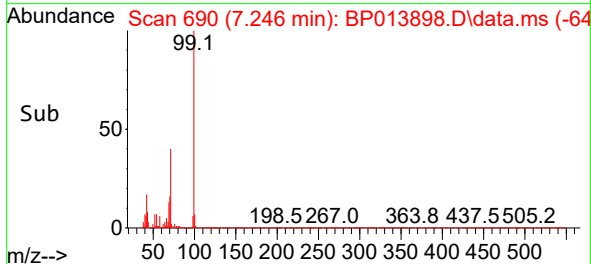
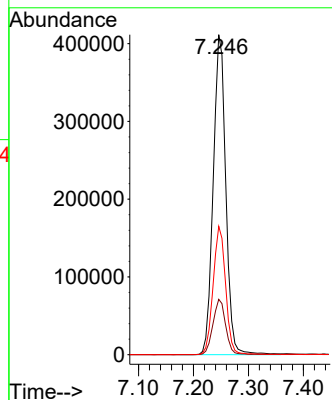
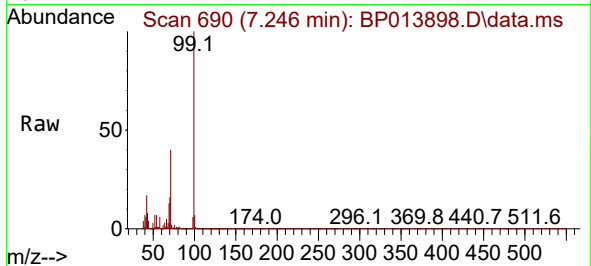




#7
Phenol-d6
Concen: 80.242 ng
RT: 7.246 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

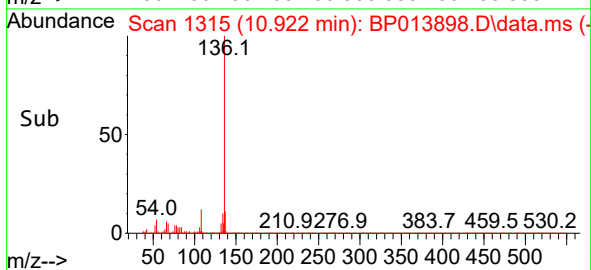
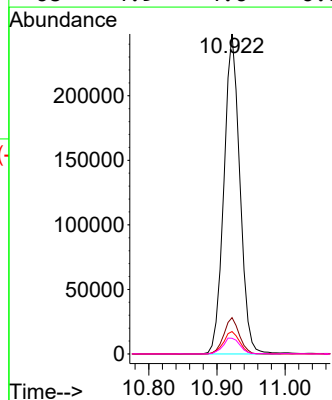
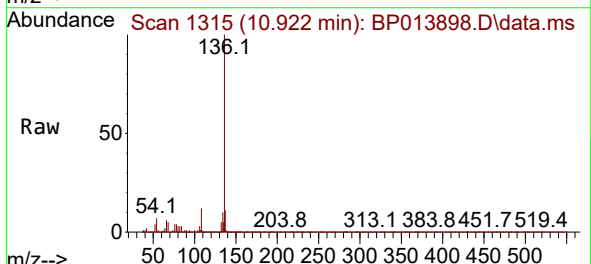
Instrument :
BNA_P
ClientSampleId :
HH-CON-16

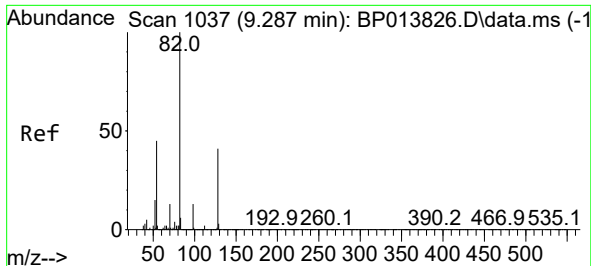
Tgt Ion: 99 Resp: 654191
Ion Ratio Lower Upper
99 100
42 17.3 12.5 18.7
71 40.1 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

Tgt Ion:136 Resp: 402857
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.0 5.8 8.6
68 4.9 4.6 6.8

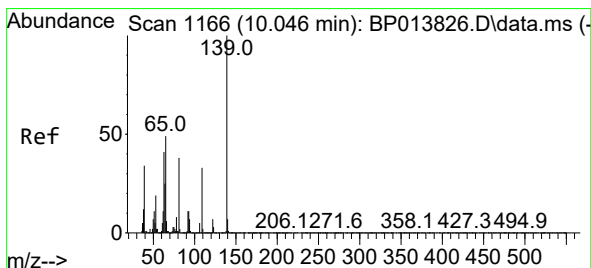
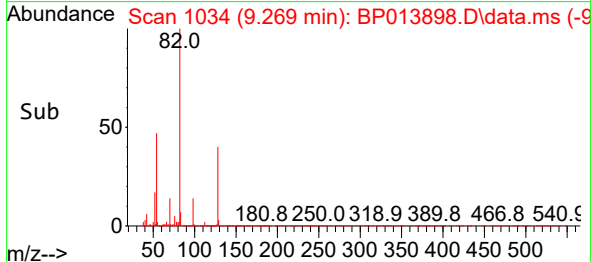
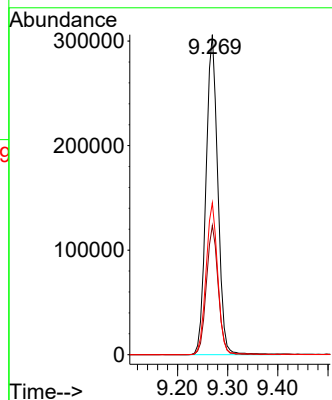
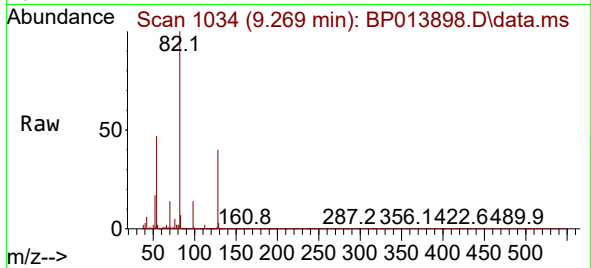




#23
Nitrobenzene-d5
Concen: 67.087 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

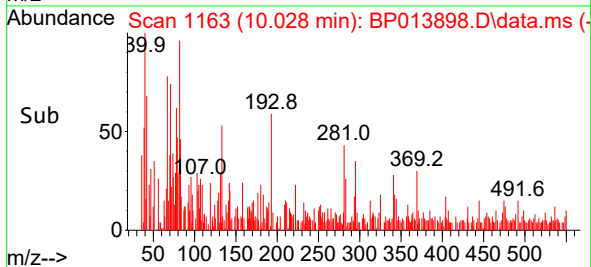
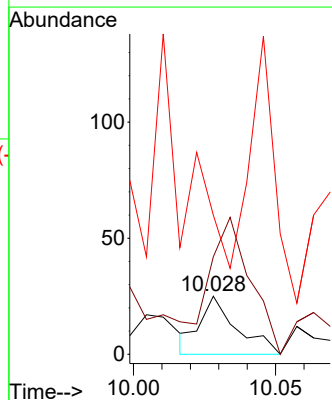
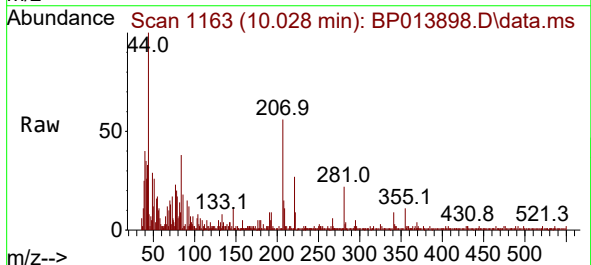
Instrument :
BNA_P
ClientSampleId :
HH-CON-16

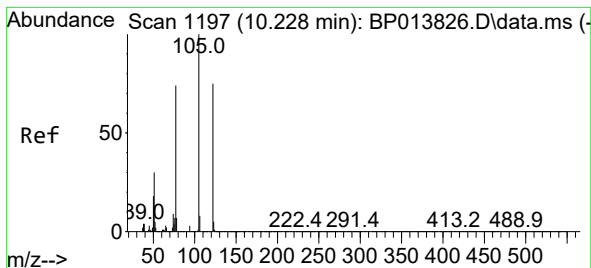
Tgt Ion: 82 Resp: 500491
Ion Ratio Lower Upper
82 100
128 40.4 32.9 49.3
54 47.4 35.6 53.4



#26
2-Nitrophenol
Concen: 2.774 ng
RT: 10.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

Tgt Ion:139 Resp: 22
Ion Ratio Lower Upper
139 100
109 168.0 26.7 40.1#
65 240.0 39.4 59.2#





#32

Benzoic acid

Concen: 5.088 ng

RT: 10.199 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BP013898.D

Acq: 28 Feb 2023 20:04

Instrument :

BNA_P

ClientSampleId :

HH-CON-16

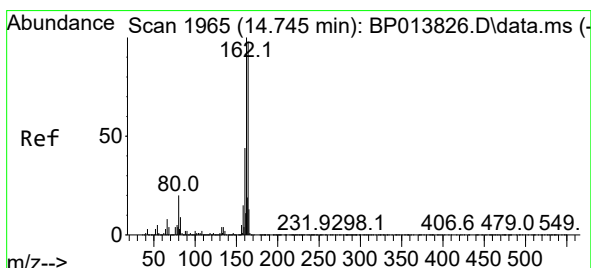
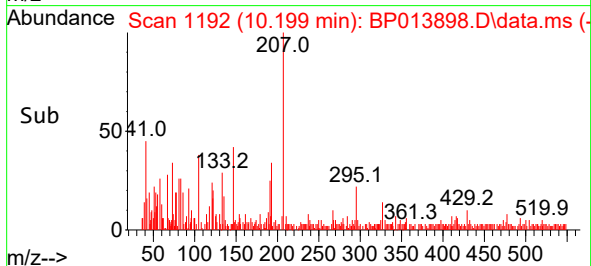
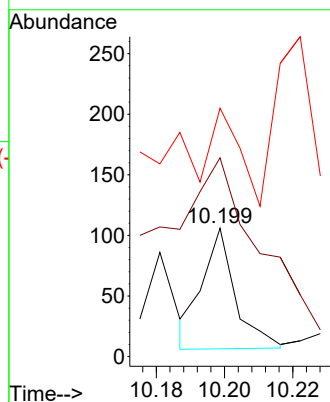
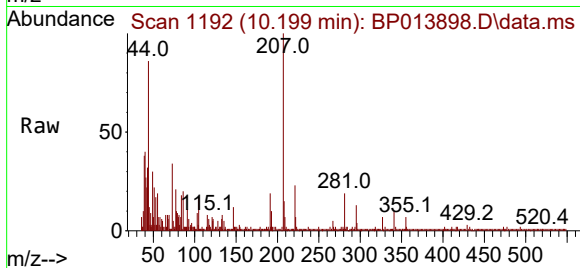
Tgt Ion:122 Resp: 67

Ion Ratio Lower Upper

122 100

105 154.7 107.4 147.4#

77 193.4 76.0 116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.734 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BP013898.D

Acq: 28 Feb 2023 20:04

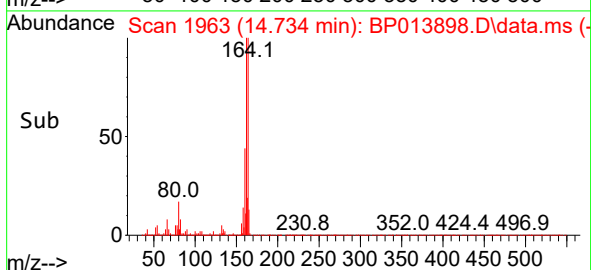
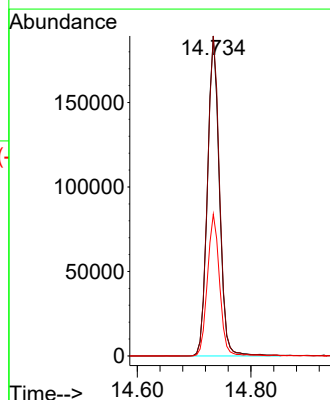
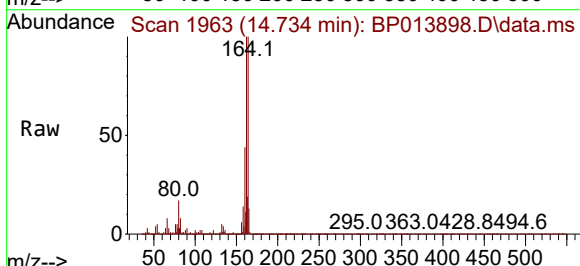
Tgt Ion:164 Resp: 274198

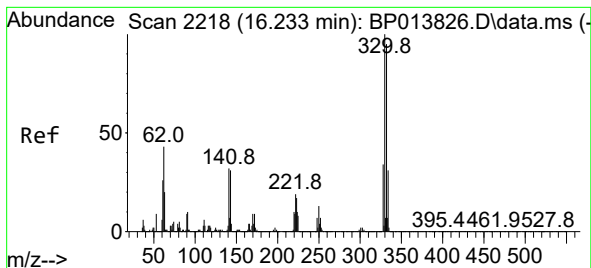
Ion Ratio Lower Upper

164 100

162 100.0 81.7 122.5

160 44.3 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 33.337 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013898.D

Acq: 28 Feb 2023 20:04

Instrument :

BNA_P

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HH-CON-16

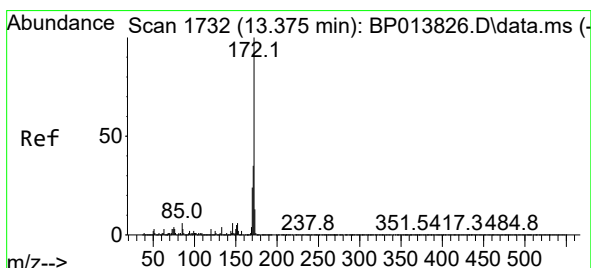
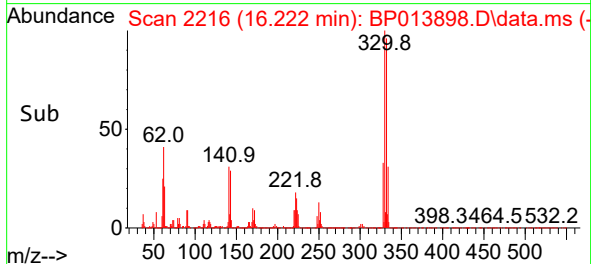
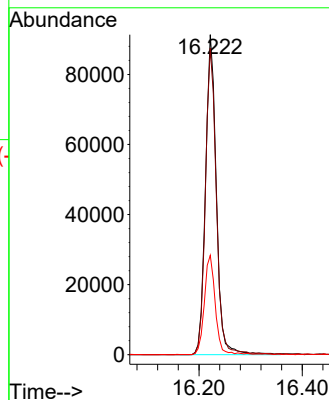
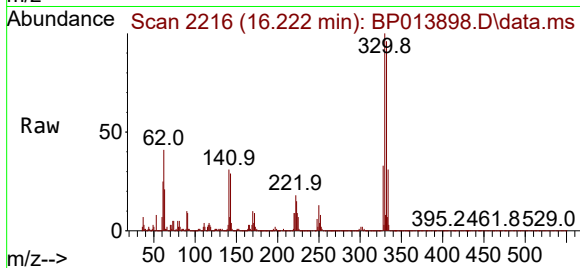
Tgt Ion:330 Resp: 133063

Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

141 31.2 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 60.648 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.012 min

Lab File: BP013898.D

Acq: 28 Feb 2023 20:04

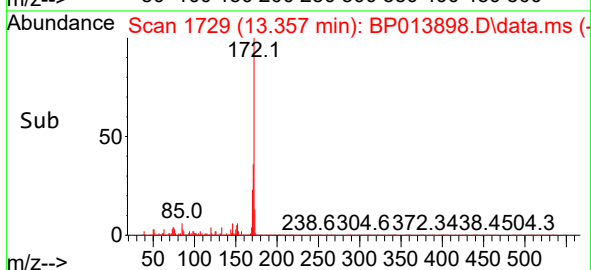
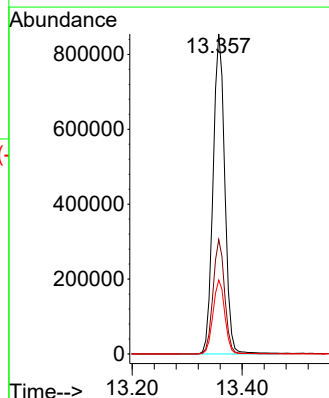
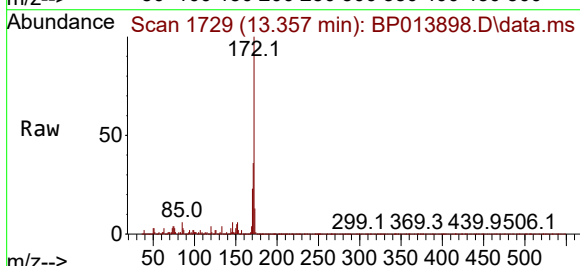
Tgt Ion:172 Resp: 1266077

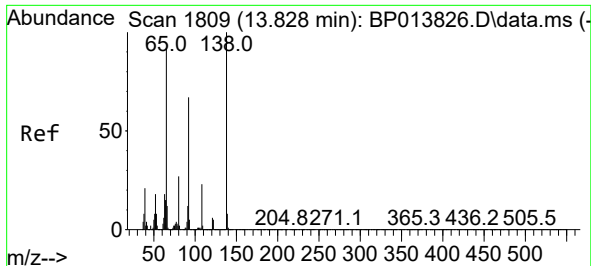
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

170 23.1 19.0 28.4

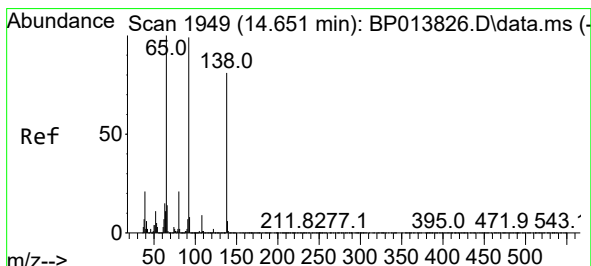
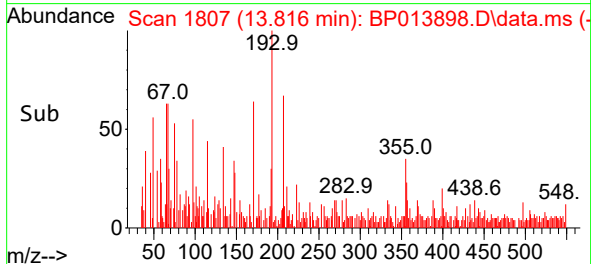
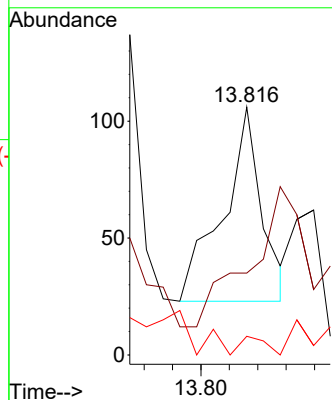
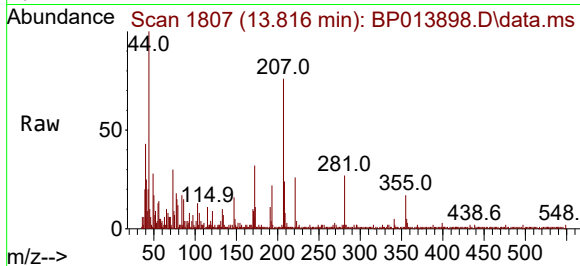




#48
2-Nitroaniline
Concen: 3.245 ng
RT: 13.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

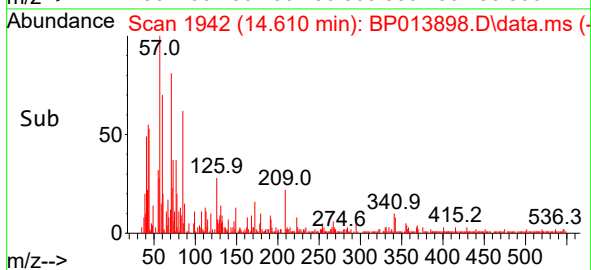
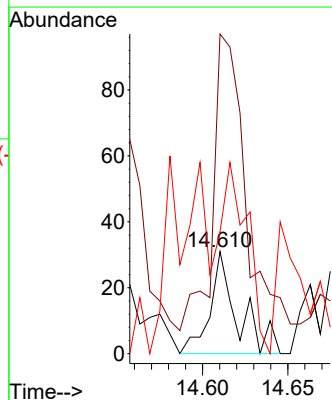
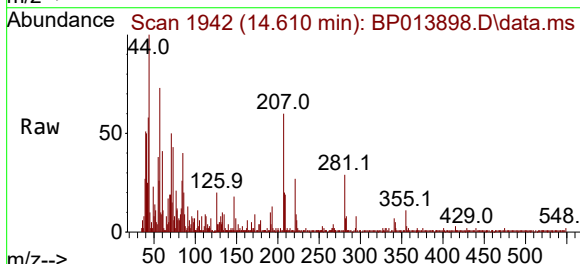
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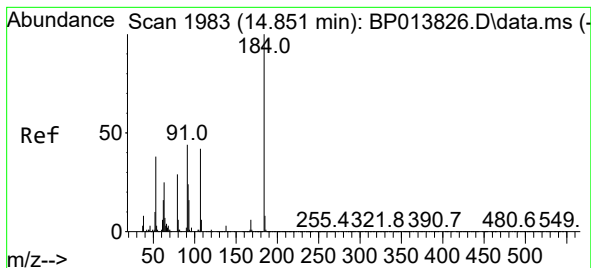
Tgt Ion: 65 Resp: 79
Ion Ratio Lower Upper
65 100
92 28.5 58.7 88.1#
138 6.5 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.014 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.035 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

Tgt Ion: 138 Resp: 35
Ion Ratio Lower Upper
138 100
108 312.9 9.0 13.4#
92 119.4 97.1 145.7





#54

2,4-Dinitrophenol

Concen: 5.265 ng

RT: 14.845 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BP013898.D

Acq: 28 Feb 2023 20:04

Instrument :

BNA_P

ClientSampleId :

HH-CON-16

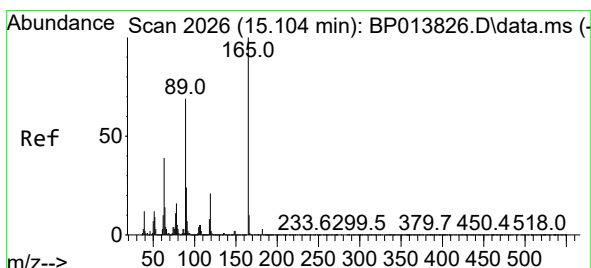
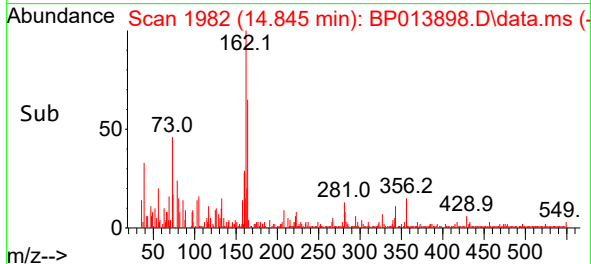
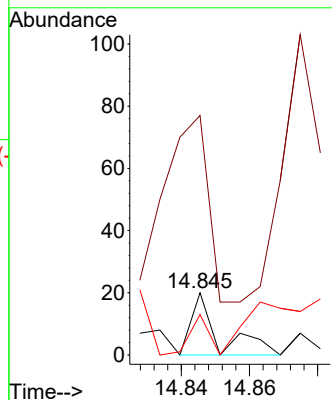
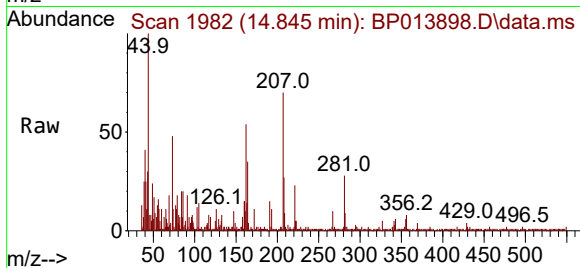
Tgt Ion:184 Resp: 11

Ion Ratio Lower Upper

184 100

63 385.0 47.0 70.4#

154 65.0 51.5 77.3



#57

2,4-Dinitrotoluene

Concen: 2.295 ng

RT: 15.075 min Scan# 2021

Delta R.T. -0.023 min

Lab File: BP013898.D

Acq: 28 Feb 2023 20:04

Tgt Ion:165 Resp: 97

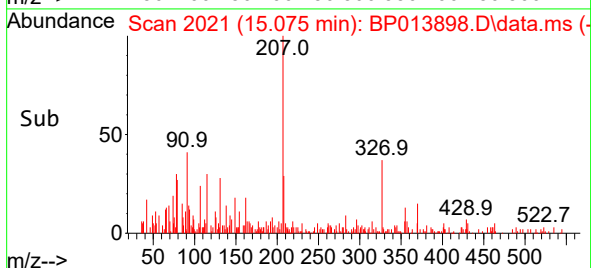
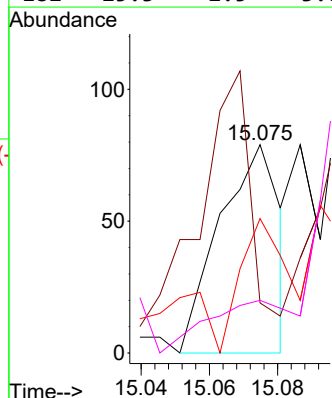
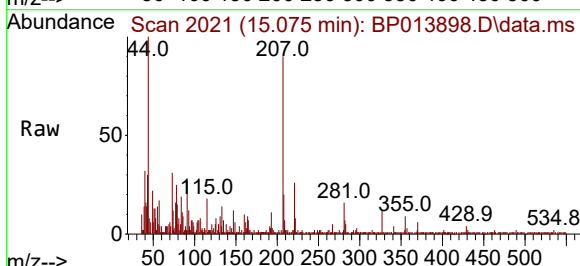
Ion Ratio Lower Upper

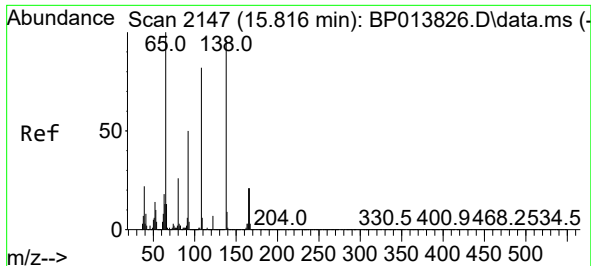
165 100

63 24.1 31.1 46.7#

89 64.6 54.9 82.3

182 25.3 2.5 3.7#

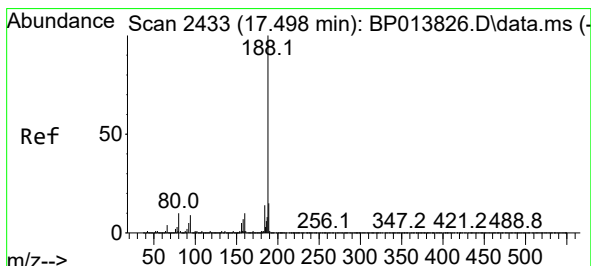
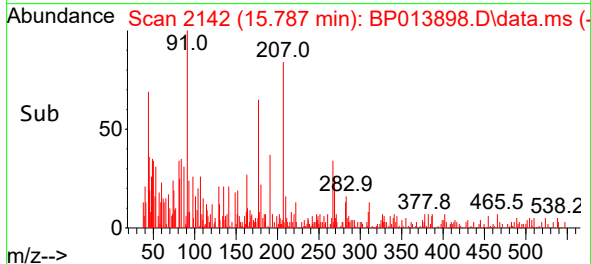
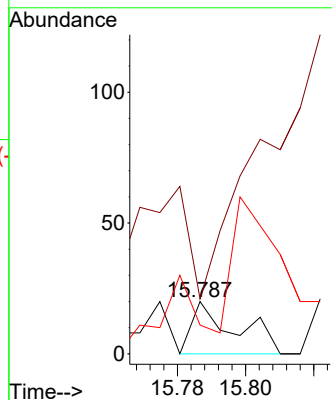
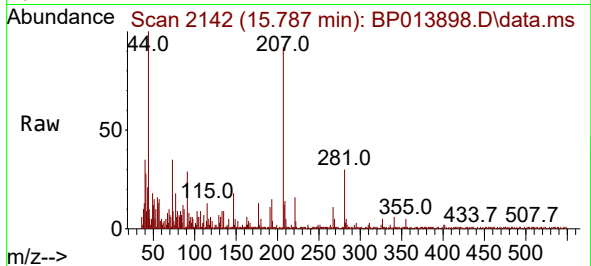




#62
4-Nitroaniline
Concen: 2.550 ng
RT: 15.787 min Scan# 2147
Delta R.T. -0.023 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

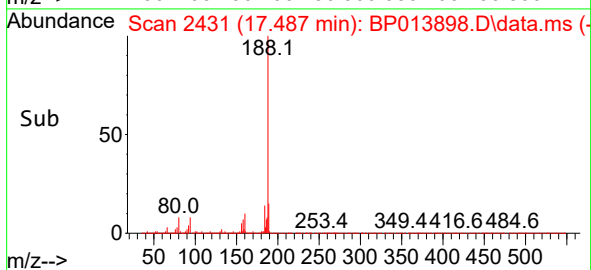
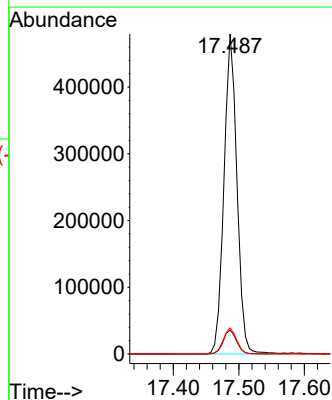
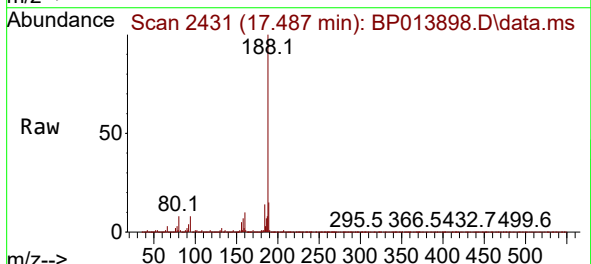
Instrument :
BNA_P
ClientSampleId :
HH-CON-16

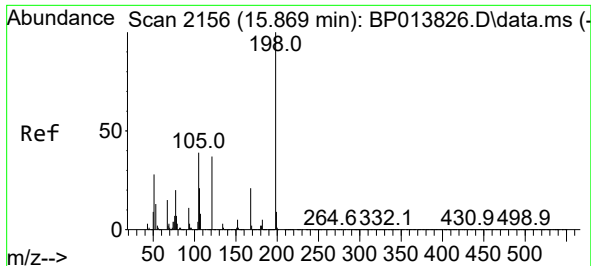
Tgt Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
92 105.0 32.0 72.0#
108 145.0 65.6 105.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

Tgt Ion:188 Resp: 655192
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.1 7.8 11.8

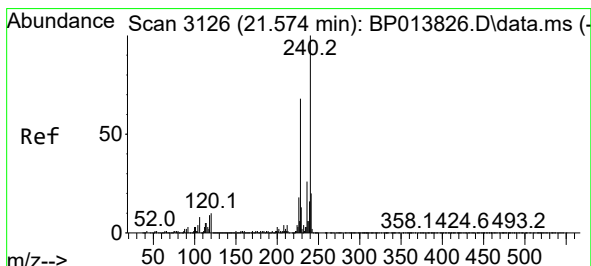
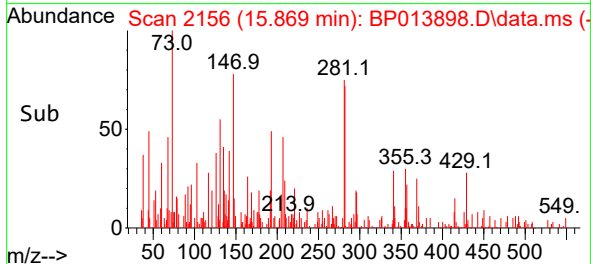
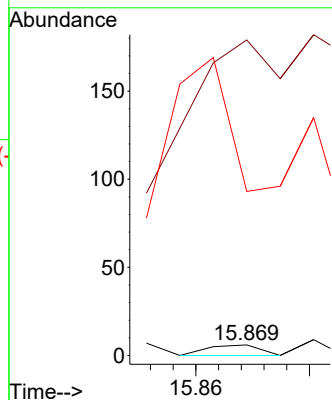
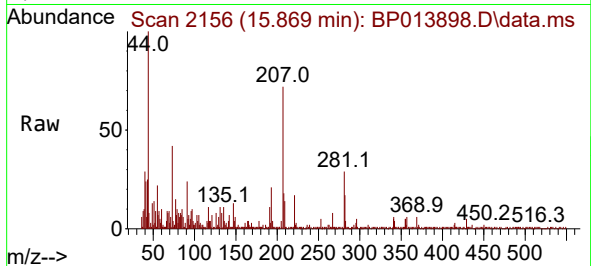




#65
4,6-Dinitro-2-methylphenol
Concen: 4.625 ng
RT: 15.869 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

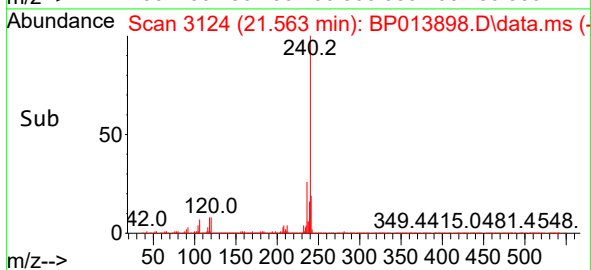
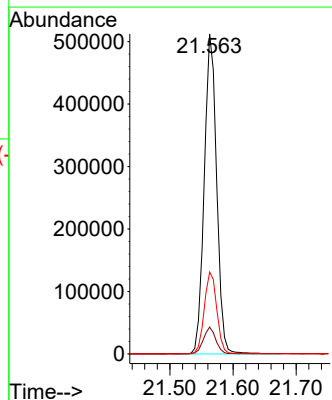
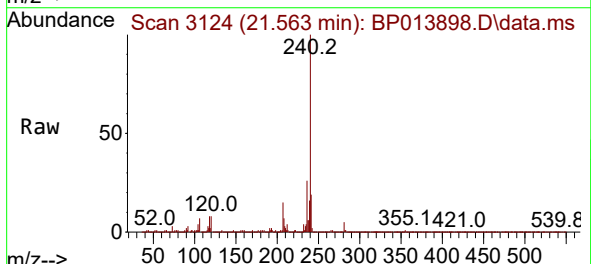
Instrument :
BNA_P
ClientSampleId :
HH-CON-16

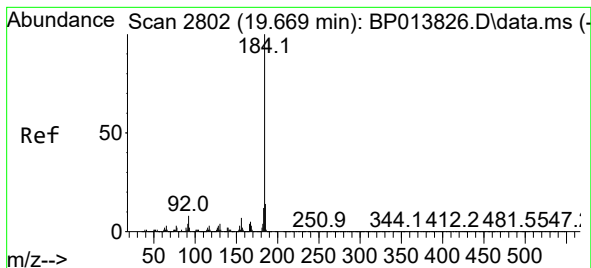
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 2983.3 14.3 54.3#
105 1550.0 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP013898.D
Acq: 28 Feb 2023 20:04

Tgt Ion:240 Resp: 698378
Ion Ratio Lower Upper
240 100
120 8.4 7.9 11.9
236 25.6 20.9 31.3





#77

Benzidine

Concen: 2.288 ng

RT: 19.651 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013898.D

Acq: 28 Feb 2023 20:04

Instrument :

BNA_P

ClientSampleId :

HH-CON-16

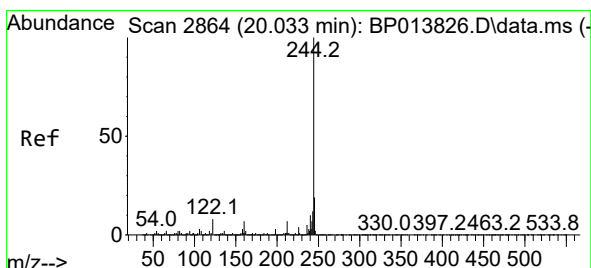
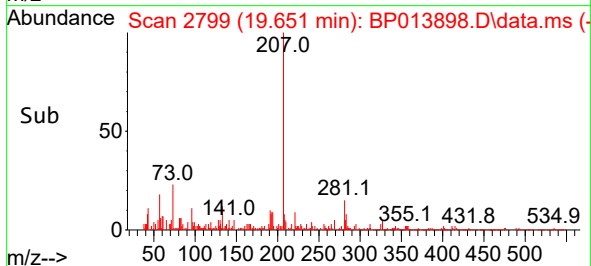
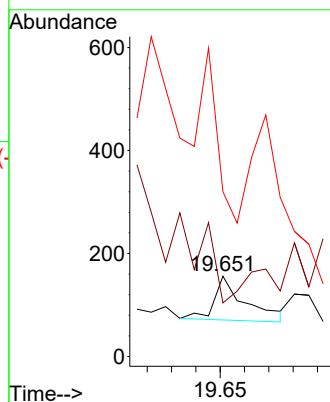
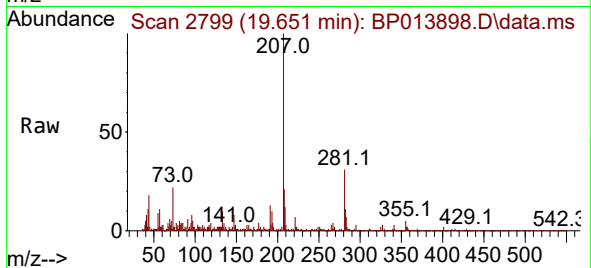
Tgt Ion:184 Resp: 75

Ion Ratio Lower Upper

184 100

185 66.7 11.4 17.0#

183 205.1 9.6 14.4#



#79

Terphenyl-d14

Concen: 69.329 ng

RT: 20.022 min Scan# 2862

Delta R.T. -0.006 min

Lab File: BP013898.D

Acq: 28 Feb 2023 20:04

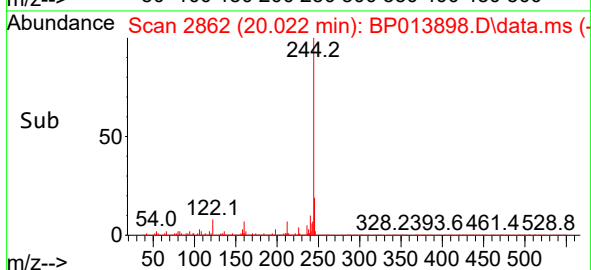
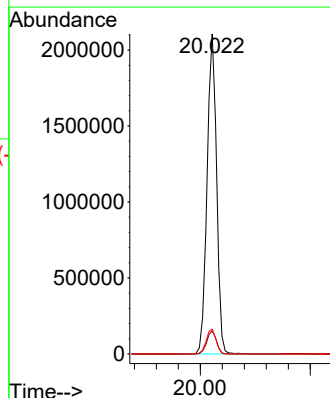
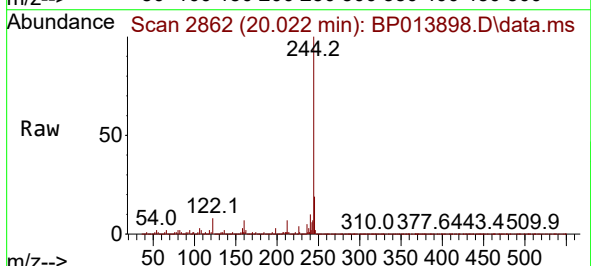
Tgt Ion:244 Resp: 2516539

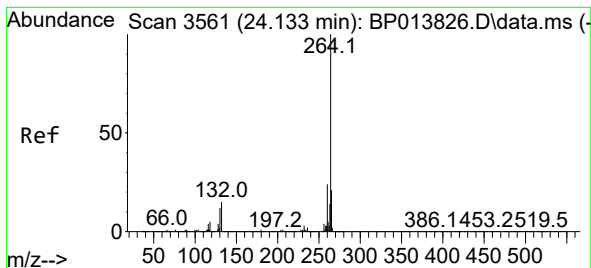
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 7.7 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013898.D

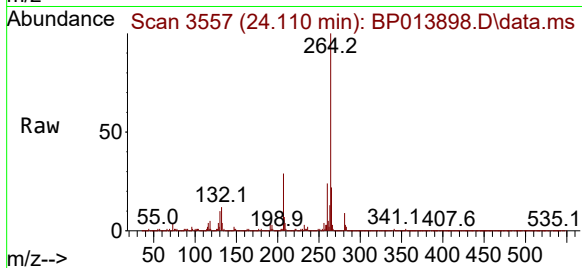
Acq: 28 Feb 2023 20:04

Instrument :

BNA_P

ClientSampleId :

HH-CON-16



Tgt Ion:264 Resp: 810941

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.2 17.6 26.4

