

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013896.D
 Acq On : 28 Feb 2023 18:56
 Operator : CG/JU
 Sample : 01723-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-11

Quant Time: Mar 01 03:47:34 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)

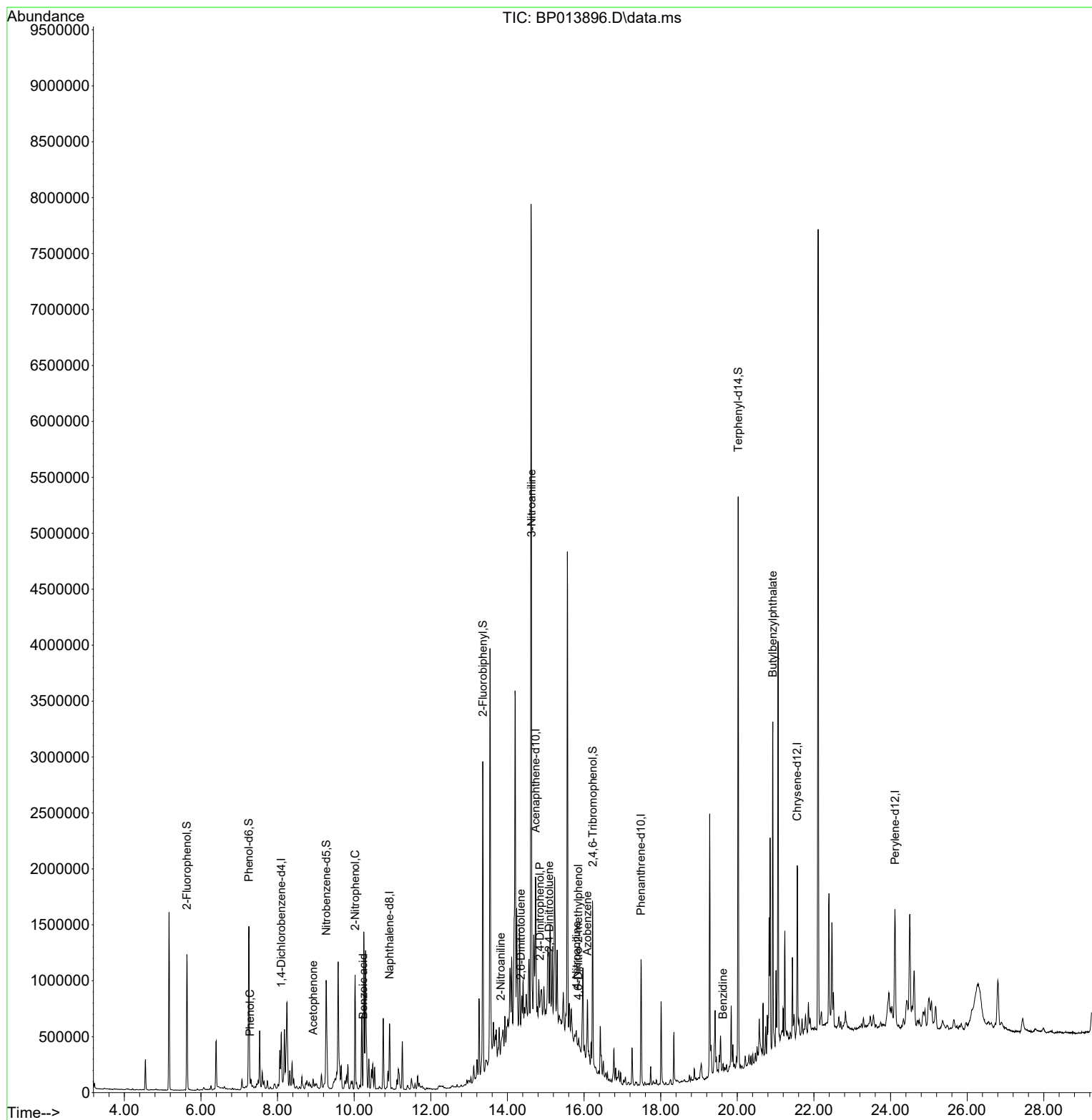
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	118659	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	462316	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	291658	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	695224	20.000	ng	0.00
76) Chrysene-d12	21.563	240	723145	20.000	ng	-0.01
86) Perylene-d12	24.115	264	841519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	507858	70.539	ng	0.00
7) Phenol-d6	7.252	99	810053	87.850	ng	0.00
23) Nitrobenzene-d5	9.269	82	549431	64.175	ng	-0.01
42) 2,4,6-Tribromophenol	16.228	330	293238	69.069	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1353287	60.945	ng	-0.01
79) Terphenyl-d14	20.021	244	2348006	62.471	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.281	94	22070	2.299	ng	93
22) Acetophenone	8.928	105	49345	4.232	ng	# 96
26) 2-Nitrophenol	10.022	139	399	2.858	ng	# 1
32) Benzoic acid	10.234	122	460	5.151	ng	# 51
48) 2-Nitroaniline	13.828	65	1403	3.486	ng	# 48
51) 2,6-Dinitrotoluene	14.345	165	1431	2.252	ng	# 34
53) 3-Nitroaniline	14.628	138	3415	2.614	ng	# 13
54) 2,4-Dinitrophenol	14.845	184	155	5.304	ng	# 1
57) 2,4-Dinitrotoluene	15.086	165	1429	2.476	ng	# 35
62) 4-Nitroaniline	15.804	138	502	2.633	ng	94
63) Azobenzene	16.086	77	160830	7.681	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.845	198	134	4.649	ng	# 1
77) Benzidine	19.627	184	6541	2.704	ng	# 1
80) Butylbenzylphthalate	20.927	149	204026	11.616	ng	# 61

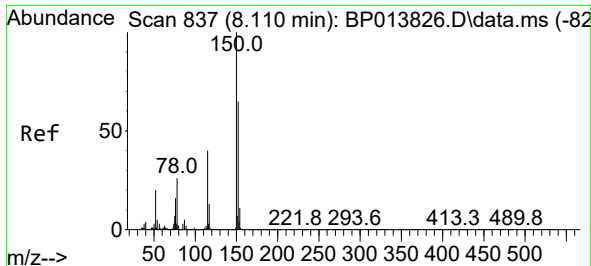
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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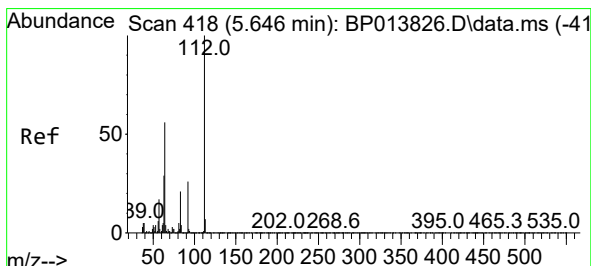
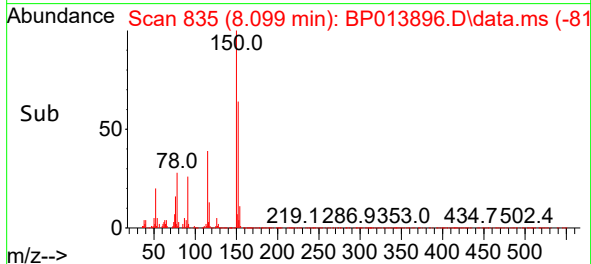
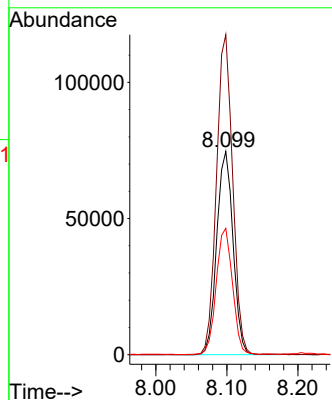
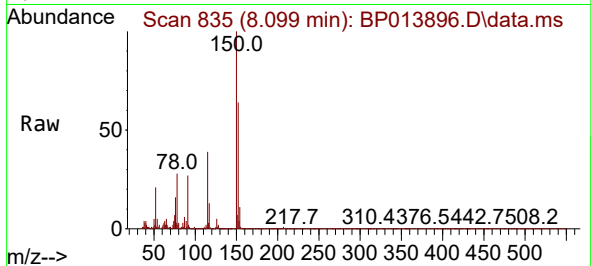




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

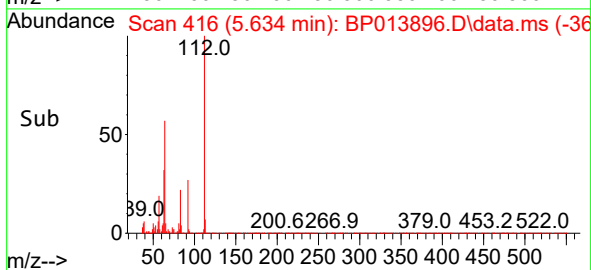
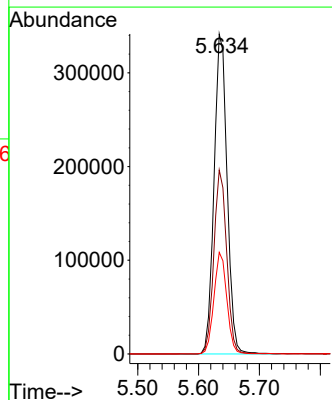
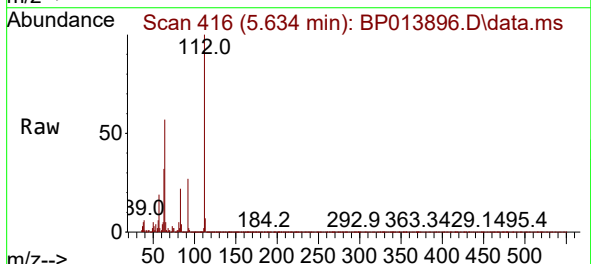
Instrument :
BNA_P
ClientSampleId :
HH-CON-11

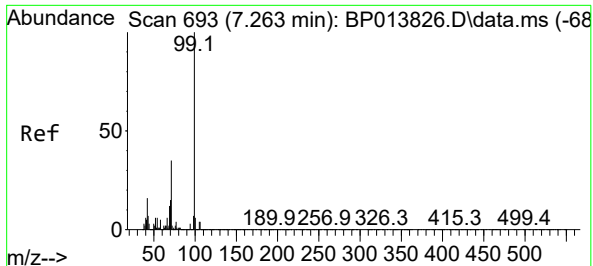
Tgt Ion:152 Resp: 118659
Ion Ratio Lower Upper
152 100
150 157.4 122.8 184.2
115 62.2 49.0 73.6



#5
2-Fluorophenol
Concen: 70.539 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

Tgt Ion:112 Resp: 507858
Ion Ratio Lower Upper
112 100
64 57.5 44.6 66.8
63 31.7 23.6 35.4

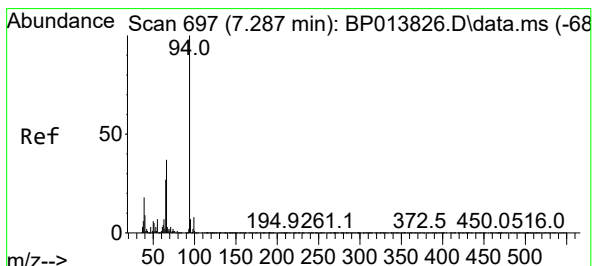
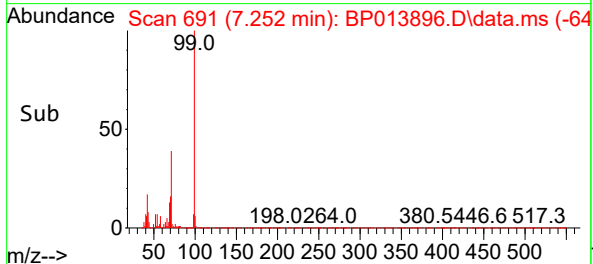
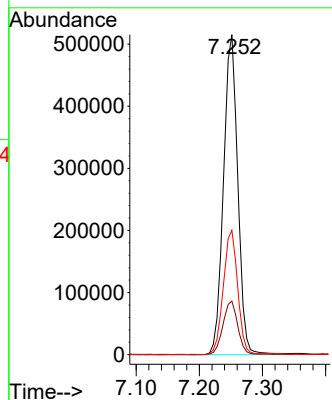
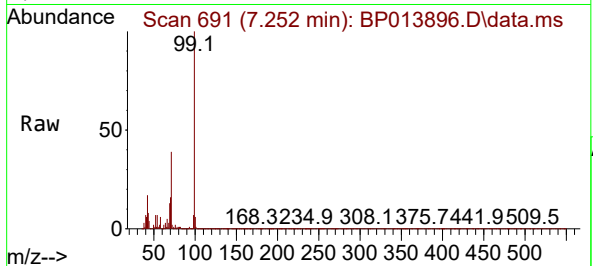




#7
Phenol-d6
Concen: 87.850 ng
RT: 7.252 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

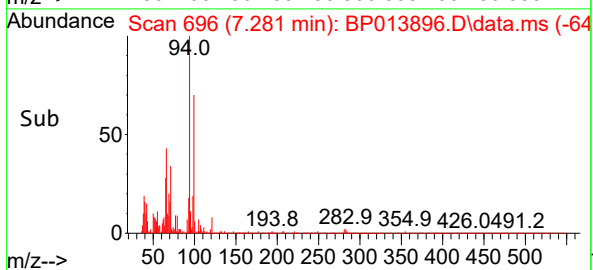
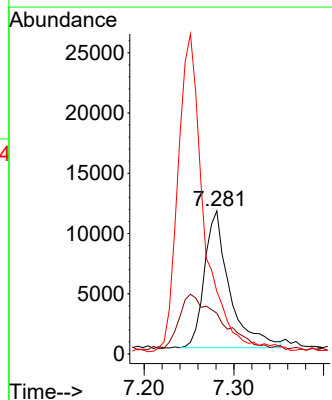
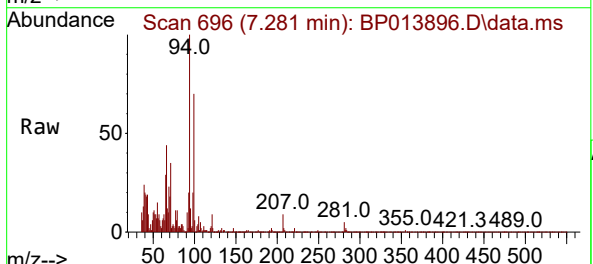
Instrument :
BNA_P
ClientSampleId :
HH-CON-11

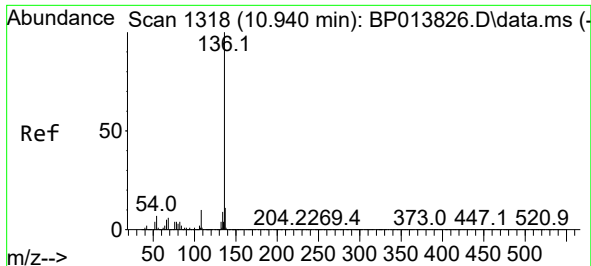
Tgt Ion: 99 Resp: 810053
Ion Ratio Lower Upper
99 100
42 16.7 12.5 18.7
71 38.8 27.8 41.8



#10
Phenol
Concen: 2.299 ng
RT: 7.281 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

Tgt Ion: 94 Resp: 22070
Ion Ratio Lower Upper
94 100
65 28.5 6.8 46.8
66 43.6 17.4 57.4

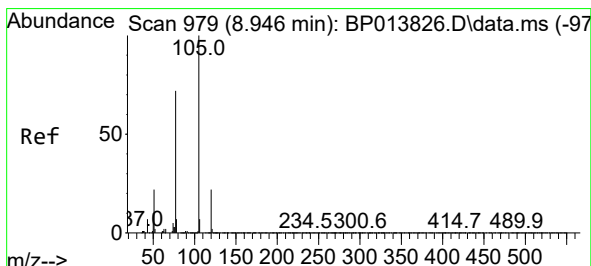
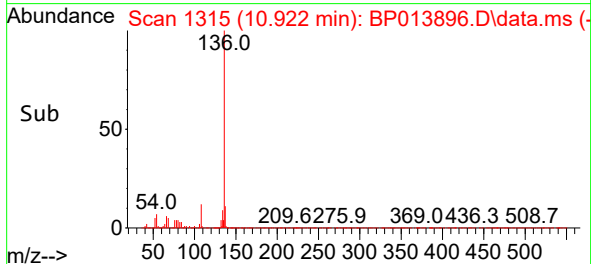
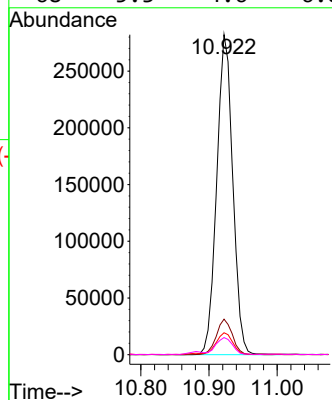
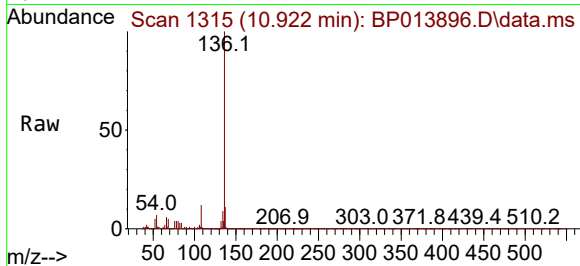




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

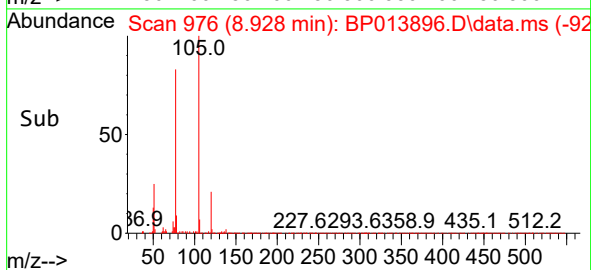
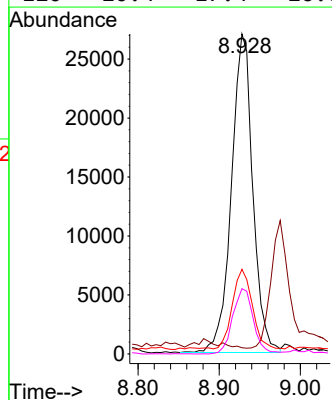
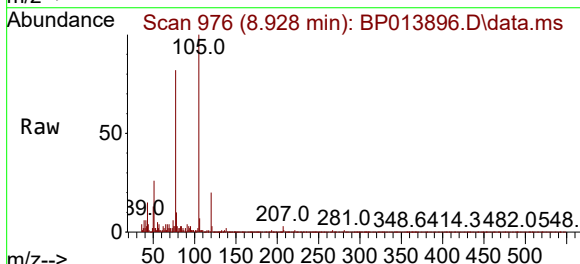
Instrument :
BNA_P
ClientSampleId :
HH-CON-11

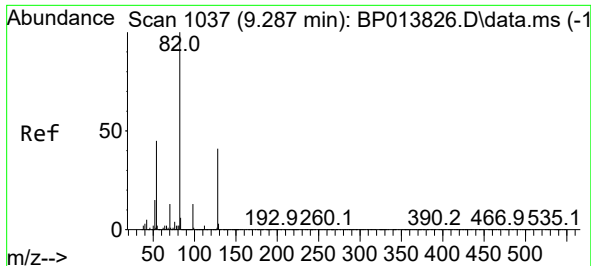
Tgt Ion:	136	Resp:	462316
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.9	5.8	8.6
68	5.3	4.6	6.8



#22
Acetophenone
Concen: 4.232 ng
RT: 8.928 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

Tgt Ion:	105	Resp:	49345
Ion	Ratio	Lower	Upper
105	100		
71	2.0	0.7	1.1#
51	26.5	18.9	28.3
120	20.4	17.4	26.0

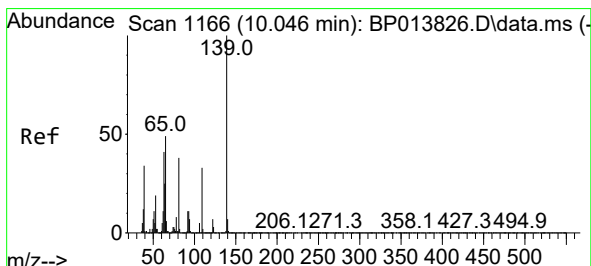
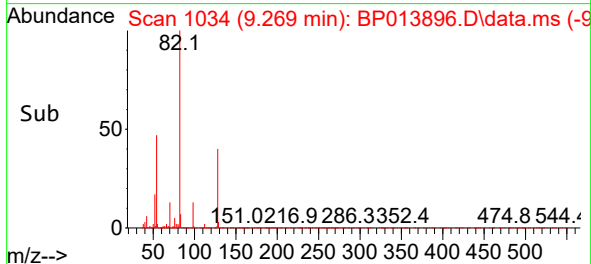
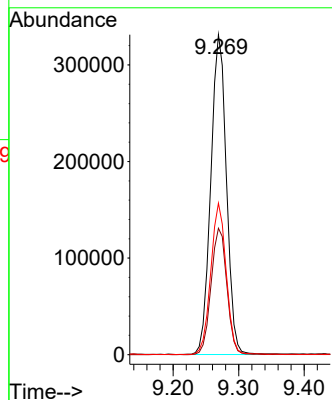
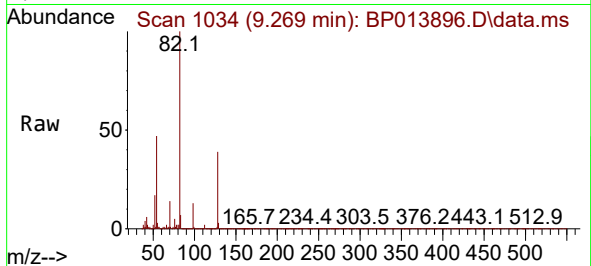




#23
Nitrobenzene-d5
Concen: 64.175 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

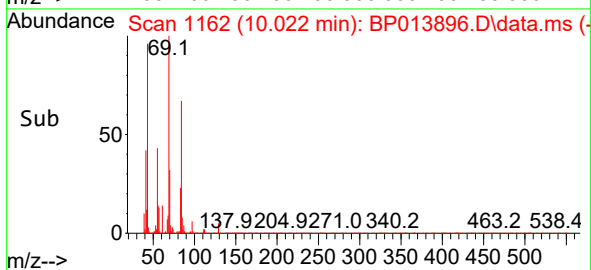
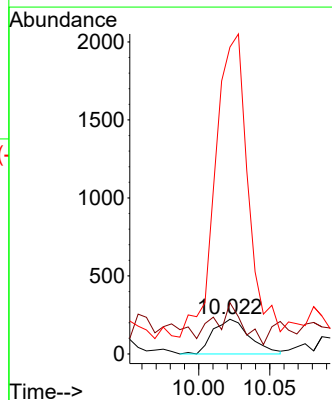
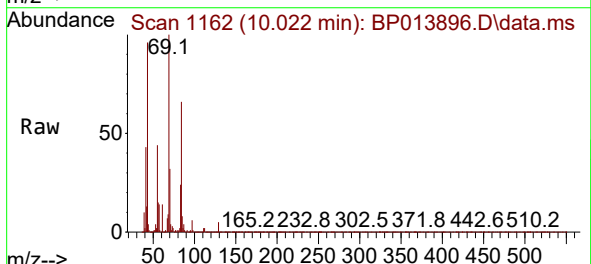
Instrument :
BNA_P
ClientSampleId :
HH-CON-11

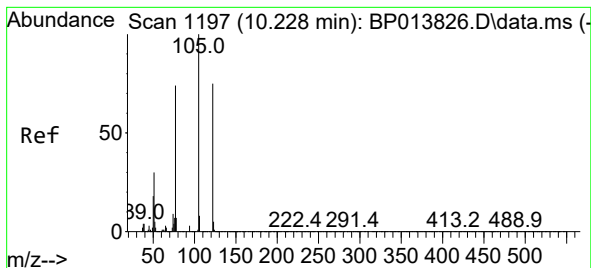
Tgt Ion: 82 Resp: 549431
Ion Ratio Lower Upper
82 100
128 39.5 32.9 49.3
54 47.3 35.6 53.4



#26
2-Nitrophenol
Concen: 2.858 ng
RT: 10.022 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

Tgt Ion:139 Resp: 399
Ion Ratio Lower Upper
139 100
109 147.7 26.7 40.1#
65 886.0 39.4 59.2#





#32

Benzoic acid

Concen: 5.151 ng

RT: 10.234 min Scan# 1197

Delta R.T. 0.018 min

Lab File: BP013896.D

Acq: 28 Feb 2023 18:56

Instrument :

BNA_P

ClientSampleId :

HH-CON-11

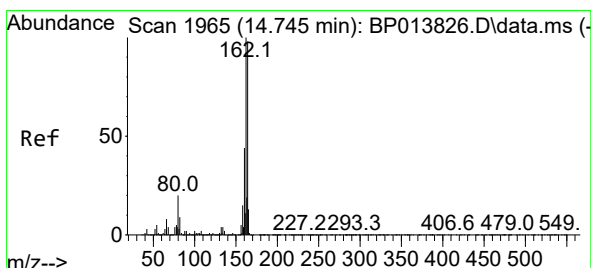
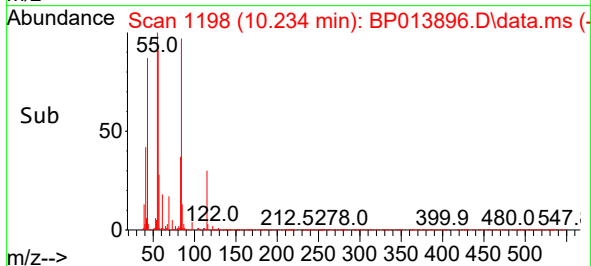
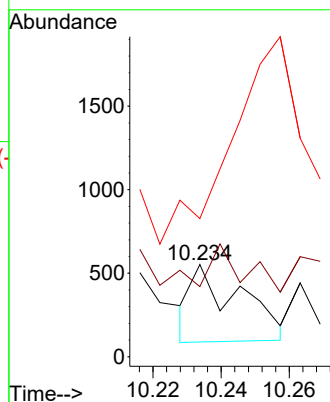
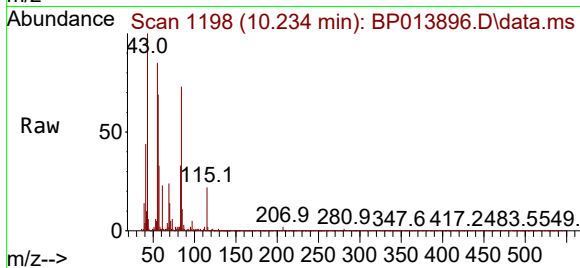
Tgt Ion:122 Resp: 460

Ion Ratio Lower Upper

122 100

105 76.1 107.4 147.4#

77 149.8 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: BP013896.D

Acq: 28 Feb 2023 18:56

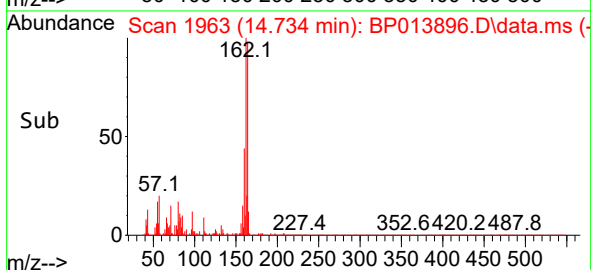
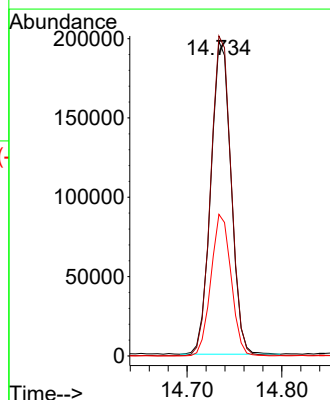
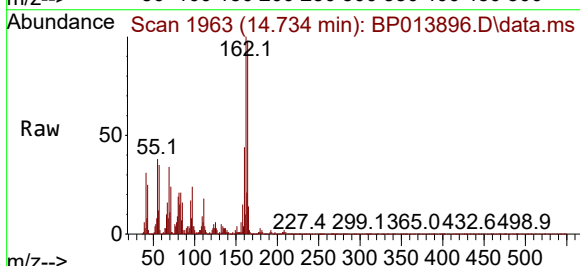
Tgt Ion:164 Resp: 291658

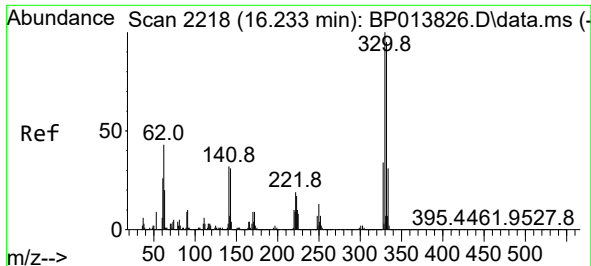
Ion Ratio Lower Upper

164 100

162 101.7 81.7 122.5

160 45.0 36.1 54.1

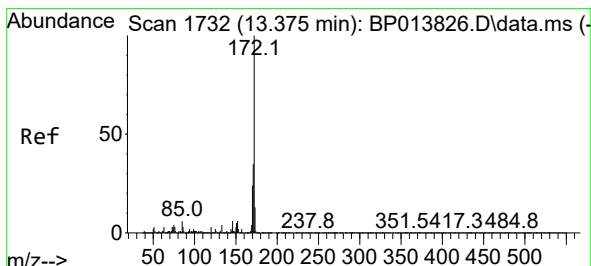
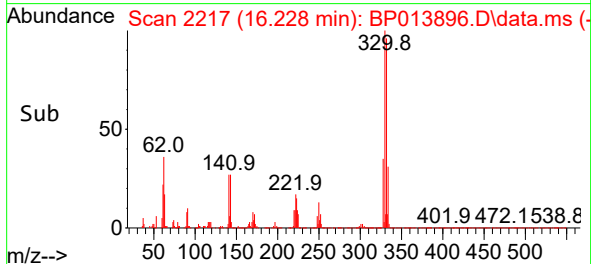
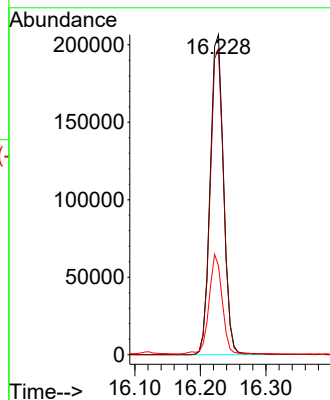
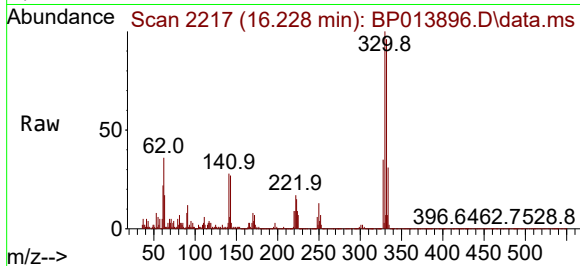




#42
2,4,6-Tribromophenol
Concen: 69.069 ng
RT: 16.228 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

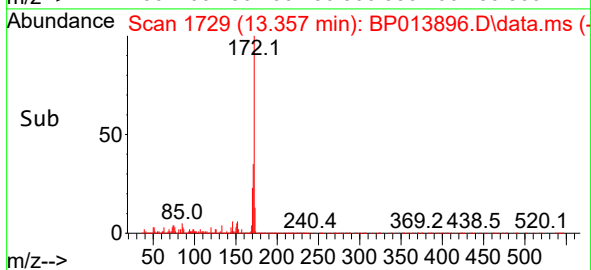
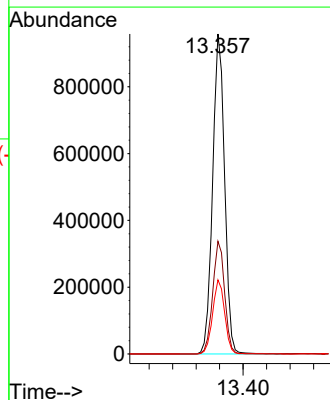
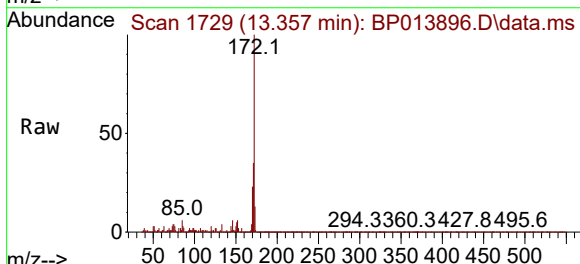
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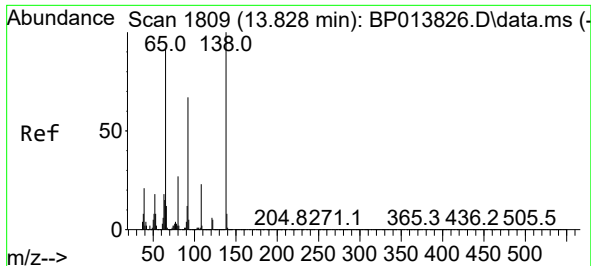
Tgt Ion:330 Resp: 293238
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 30.3 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 60.945 ng
RT: 13.357 min Scan# 1729
Delta R.T. -0.012 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

Tgt Ion:172 Resp: 1353287
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.1 19.0 28.4

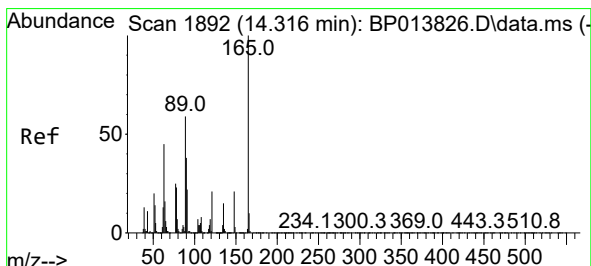
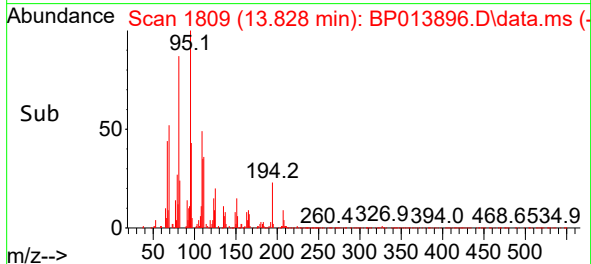
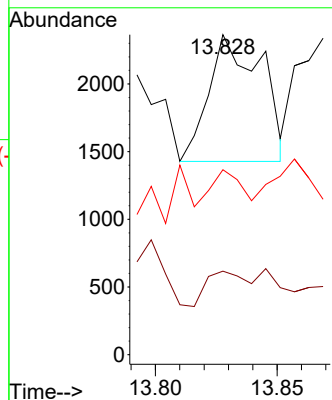
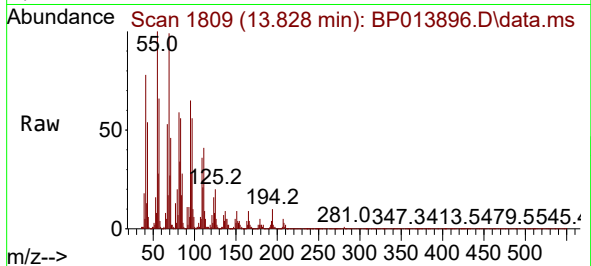




#48
2-Nitroaniline
Concen: 3.486 ng
RT: 13.828 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

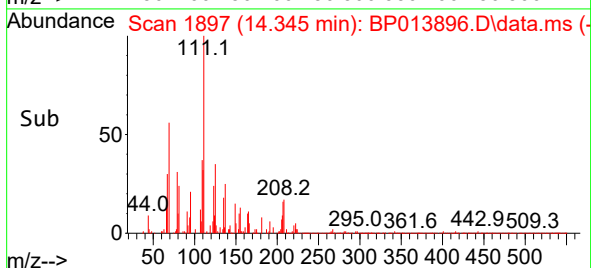
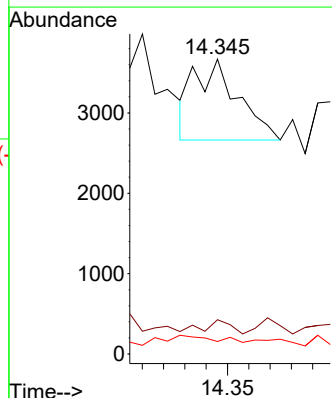
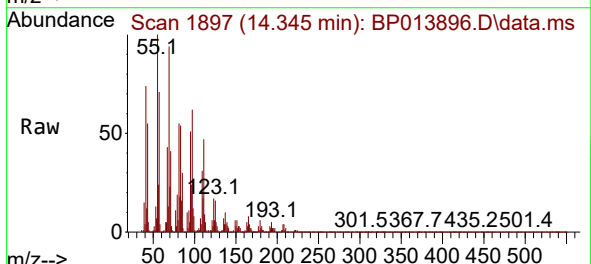
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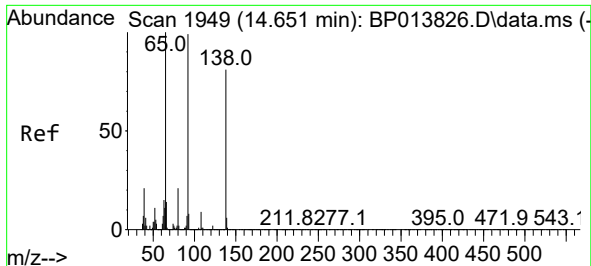
Tgt Ion: 65 Resp: 1403
Ion Ratio Lower Upper
65 100
92 26.1 58.7 88.1#
138 57.8 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.252 ng
RT: 14.345 min Scan# 1897
Delta R.T. 0.029 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

Tgt Ion: 165 Resp: 1431
Ion Ratio Lower Upper
165 100
63 11.6 42.6 63.8#
89 4.2 47.1 70.7#

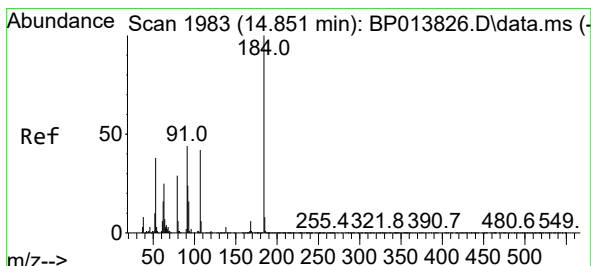
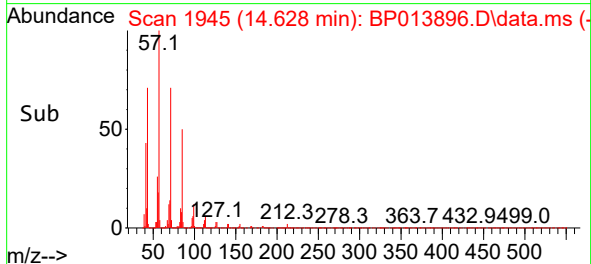
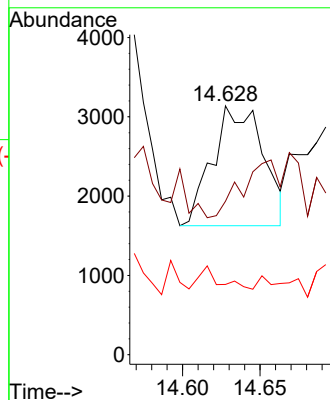
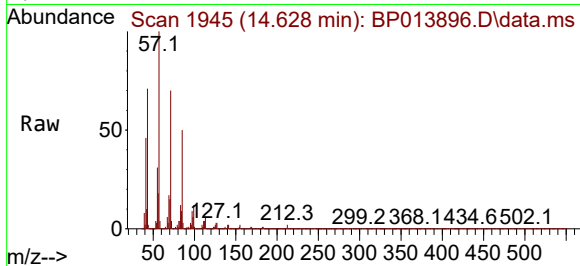




#53
3-Nitroaniline
Concen: 2.614 ng
RT: 14.628 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

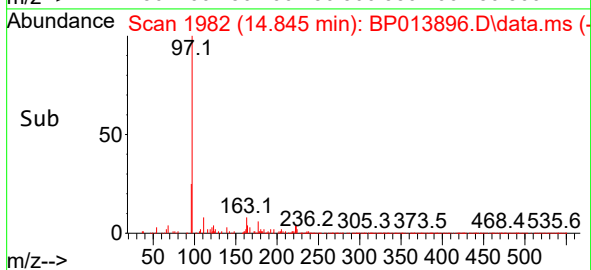
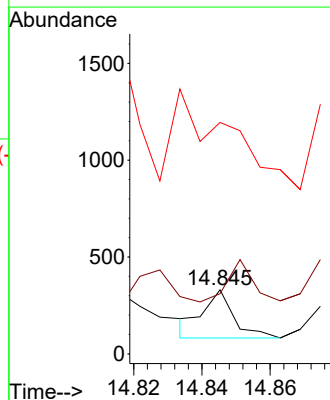
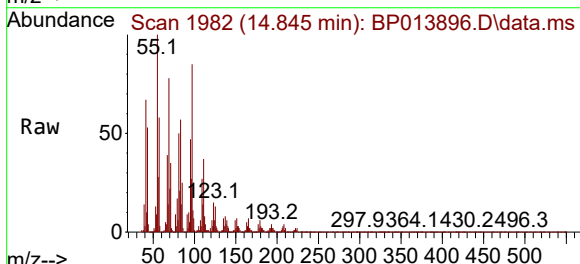
Instrument :
BNA_P
ClientSampleId :
HH-CON-11

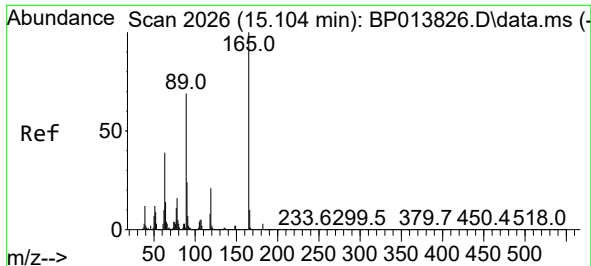
Tgt Ion:138 Resp: 3415
Ion Ratio Lower Upper
138 100
108 61.7 9.0 13.4#
92 28.3 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.304 ng
RT: 14.845 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

Tgt Ion:184 Resp: 155
Ion Ratio Lower Upper
184 100
63 94.0 47.0 70.4#
154 361.0 51.5 77.3#

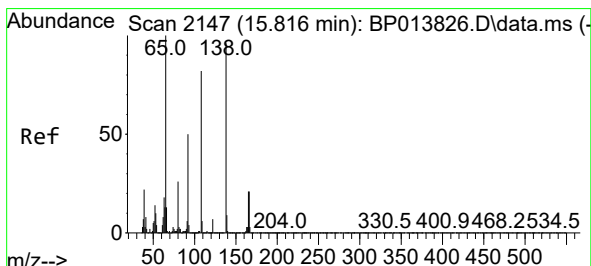
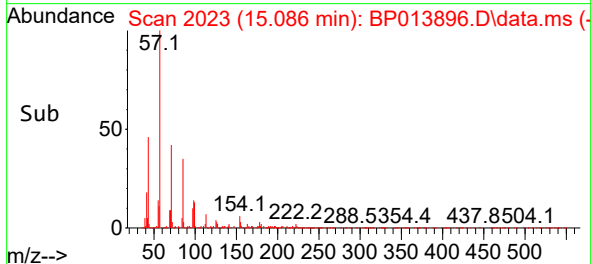
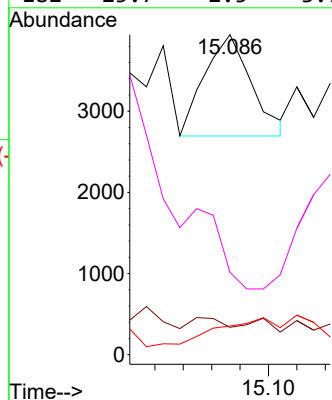
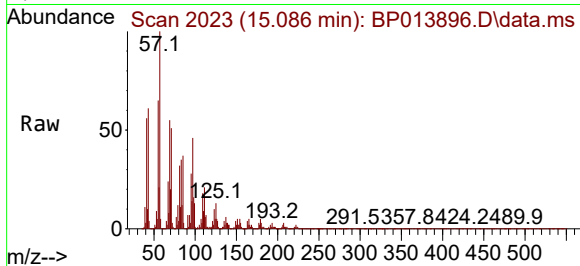




#57
2,4-Dinitrotoluene
Concen: 2.476 ng
RT: 15.086 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

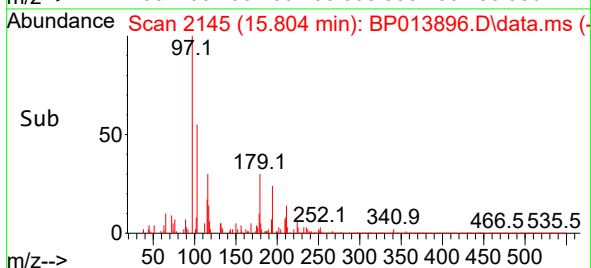
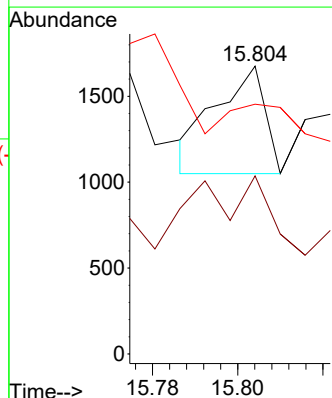
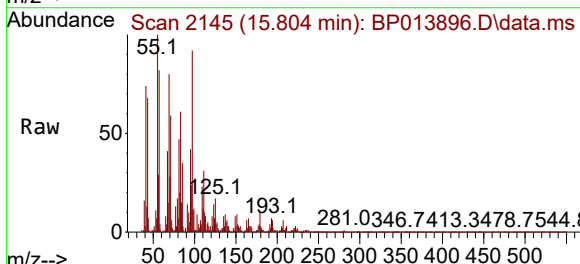
Instrument :
BNA_P
ClientSampleId :
HH-CON-11

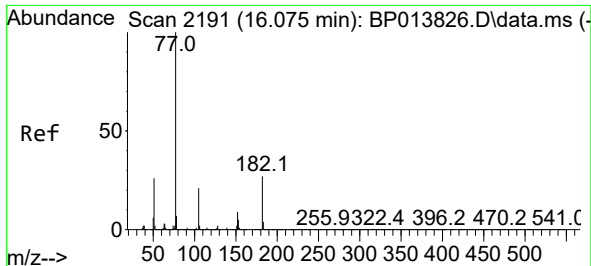
Tgt Ion:165 Resp: 1429
Ion Ratio Lower Upper
165 100
63 8.6 31.1 46.7#
89 9.0 54.9 82.3#
182 25.7 2.5 3.7#



#62
4-Nitroaniline
Concen: 2.633 ng
RT: 15.804 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

Tgt Ion:138 Resp: 502
Ion Ratio Lower Upper
138 100
92 61.9 32.0 72.0
108 86.8 65.6 105.6

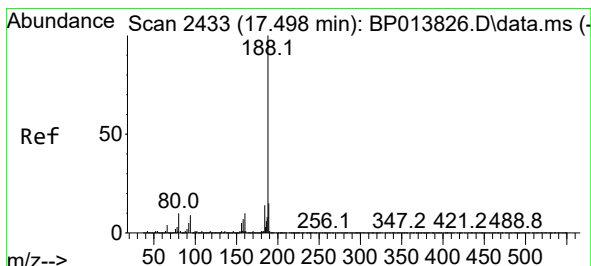
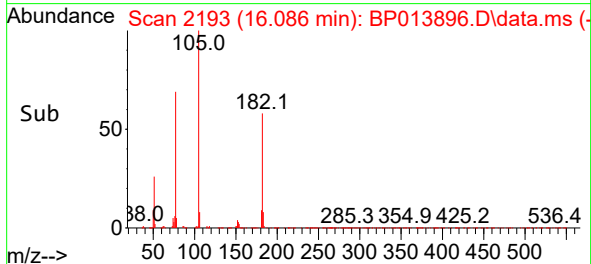
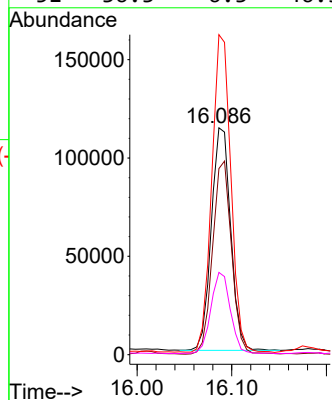
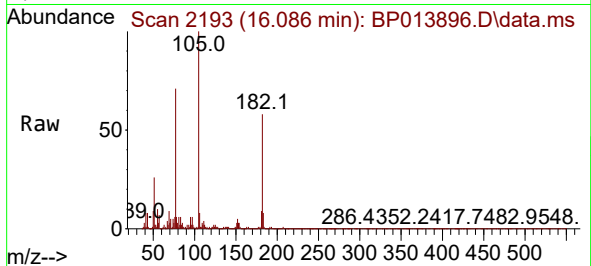




#63
Azobenzene
Concen: 7.681 ng
RT: 16.086 min Scan# 2191
Delta R.T. 0.018 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

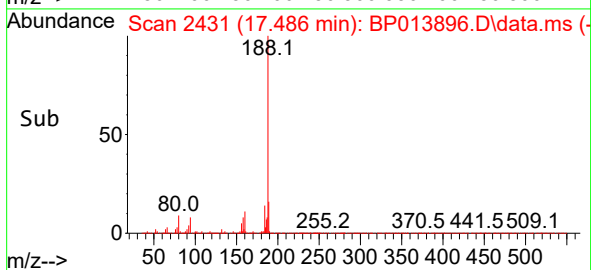
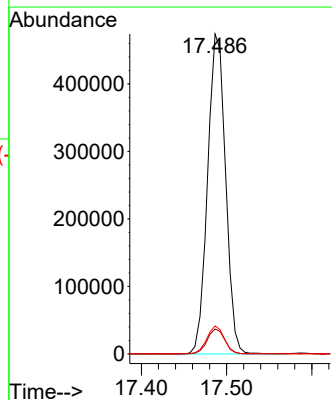
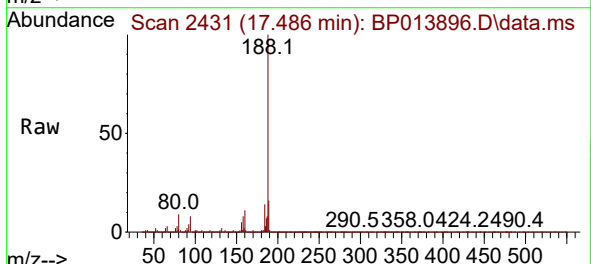
Instrument :
BNA_P
ClientSampleId :
HH-CON-11

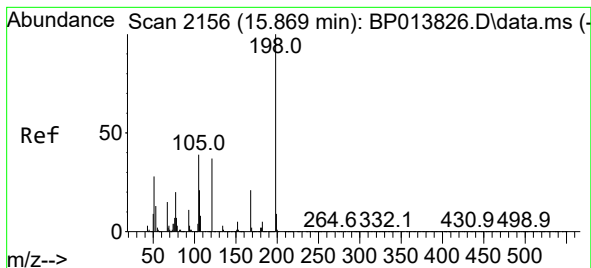
Tgt Ion: 77 Resp: 160830
Ion Ratio Lower Upper
77 100
182 82.0 6.9 46.9#
105 141.1 1.1 41.1#
51 36.3 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

Tgt Ion: 188 Resp: 695224
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.7 7.8 11.8

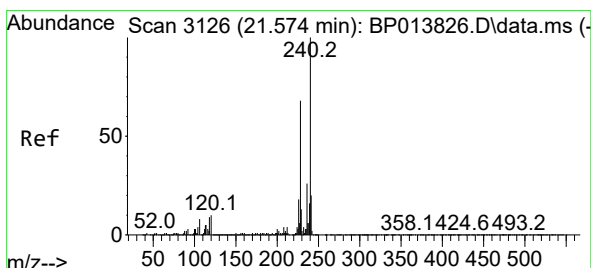
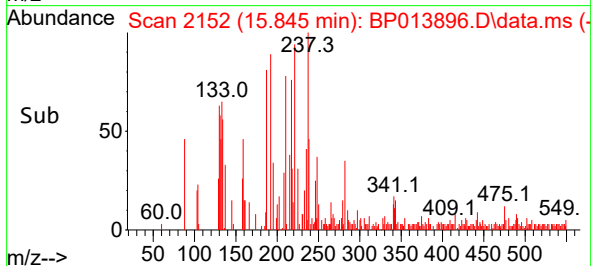
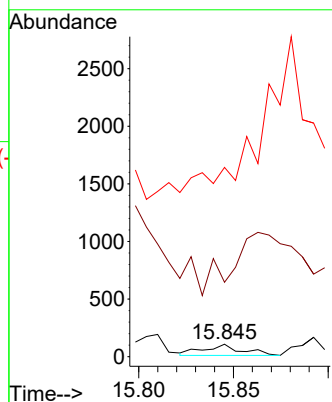
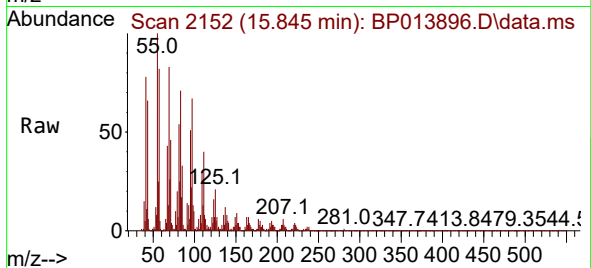




#65
4,6-Dinitro-2-methylphenol
Concen: 4.649 ng
RT: 15.845 min Scan# 2156
Delta R.T. -0.018 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

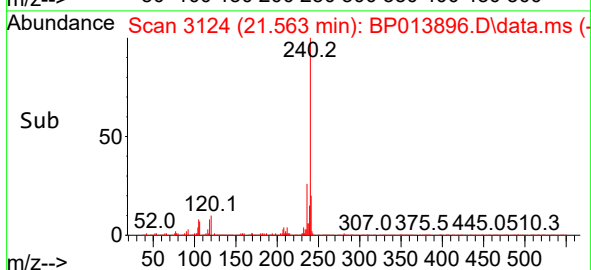
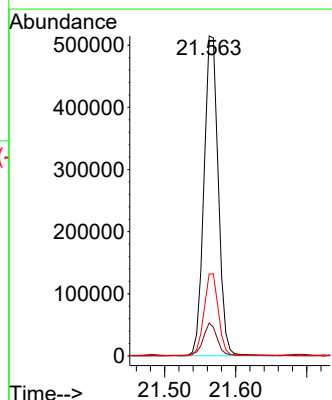
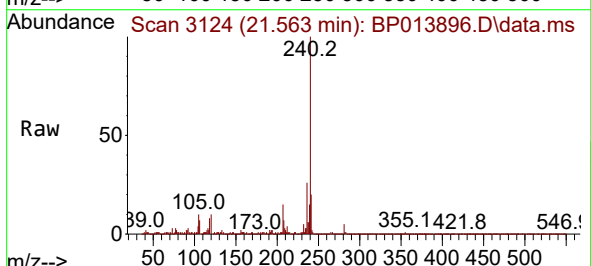
Instrument :
BNA_P
ClientSampleId :
HH-CON-11

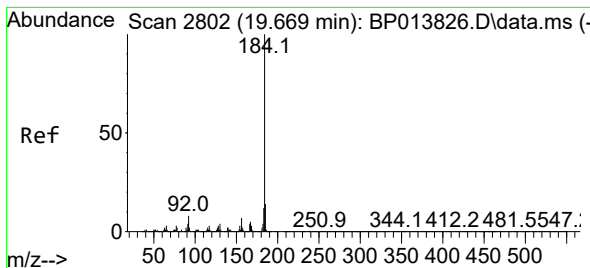
Tgt Ion:198 Resp: 134
Ion Ratio Lower Upper
198 100
51 592.7 14.3 54.3#
105 1508.3 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP013896.D
Acq: 28 Feb 2023 18:56

Tgt Ion:240 Resp: 723145
Ion Ratio Lower Upper
240 100
120 10.3 7.9 11.9
236 25.6 20.9 31.3





#77

Benzidine

Concen: 2.704 ng

RT: 19.627 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP013896.D

Acq: 28 Feb 2023 18:56

Instrument :

BNA_P

ClientSampleId :

HH-CON-11

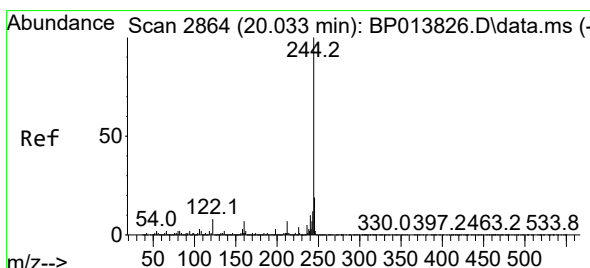
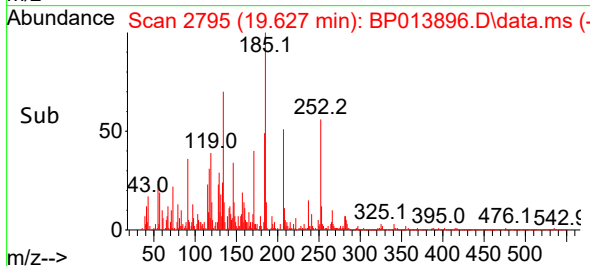
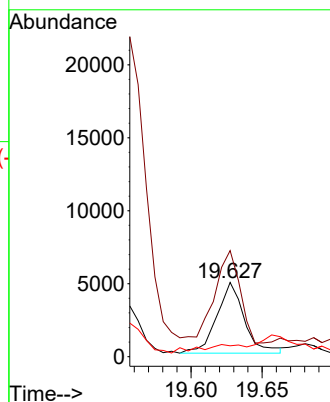
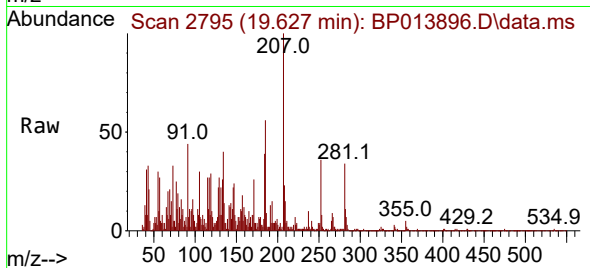
Tgt Ion:184 Resp: 6541

Ion Ratio Lower Upper

184 100

185 142.9 11.4 17.0#

183 14.7 9.6 14.4#



#79

Terphenyl-d14

Concen: 62.471 ng

RT: 20.021 min Scan# 2862

Delta R.T. -0.006 min

Lab File: BP013896.D

Acq: 28 Feb 2023 18:56

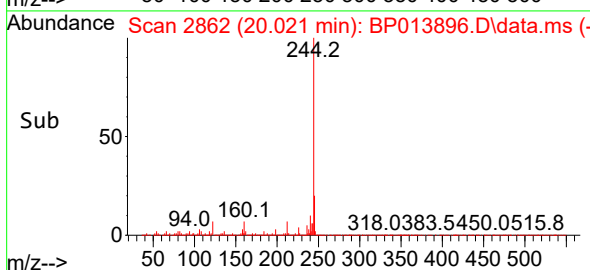
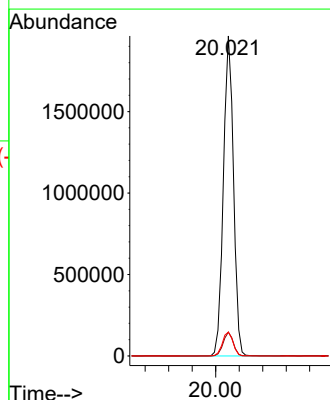
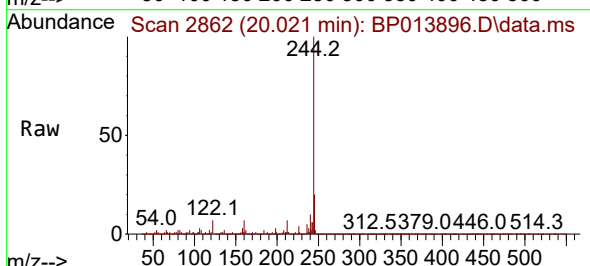
Tgt Ion:244 Resp: 2348006

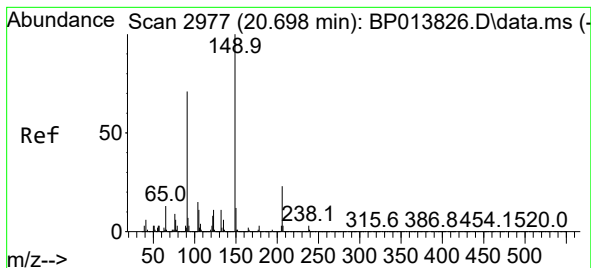
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 7.4 6.7 10.1





#80

Butylbenzylphthalate

Concen: 11.616 ng

RT: 20.927 min Scan# 3016

Delta R.T. 0.235 min

Lab File: BP013896.D

Acq: 28 Feb 2023 18:56

Instrument :

BNA_P

ClientSampleId :

HH-CON-11

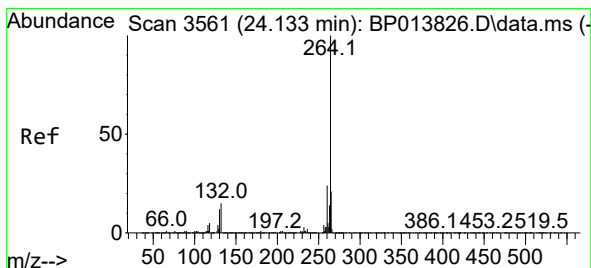
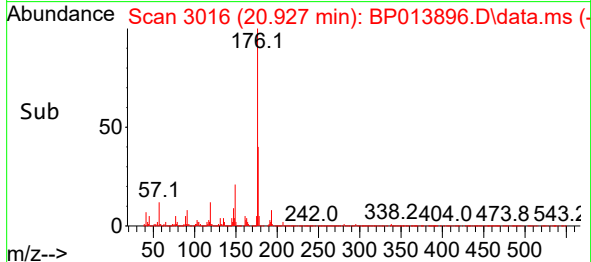
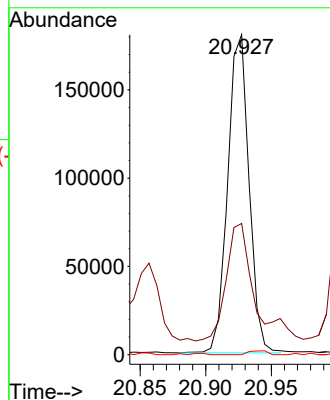
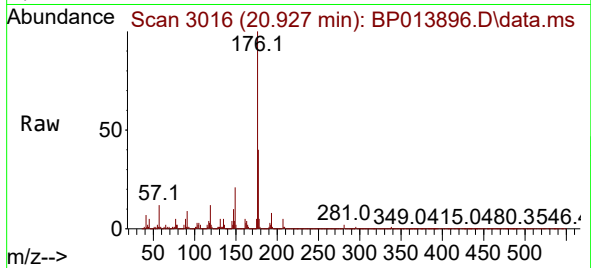
Tgt Ion:149 Resp: 204026

Ion Ratio Lower Upper

149 100

91 41.0 56.8 85.2#

206 0.0 18.1 27.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.115 min Scan# 3558

Delta R.T. -0.006 min

Lab File: BP013896.D

Acq: 28 Feb 2023 18:56

Tgt Ion:264 Resp: 841519

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.3 17.6 26.4

