

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013894.D
 Acq On : 28 Feb 2023 17:47
 Operator : CG/JU
 Sample : 01723-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-3

Quant Time: Mar 01 03:46:57 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)

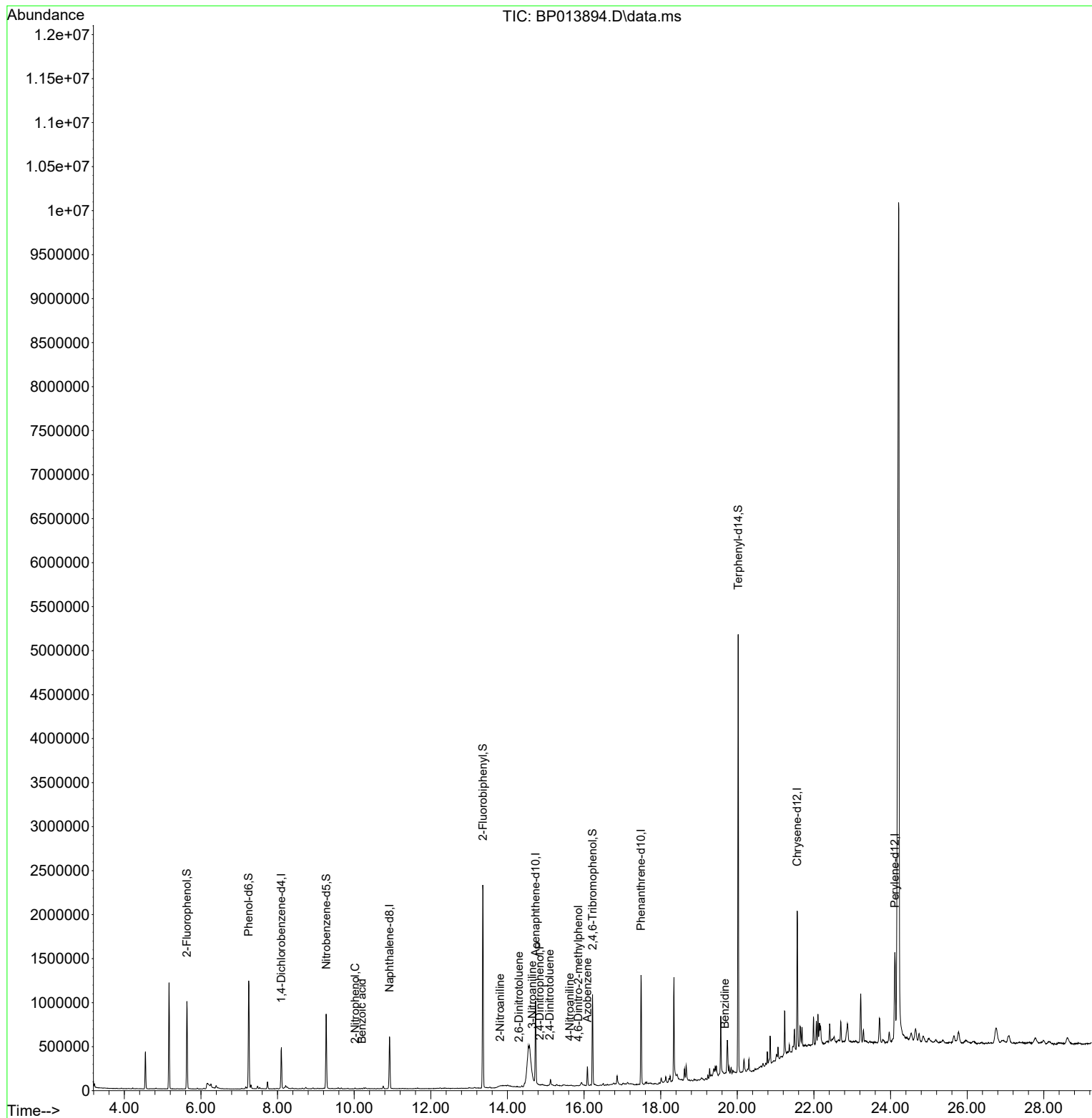
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	124502	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	470429	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	313646	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	752527	20.000	ng	0.00
76) Chrysene-d12	21.563	240	769162	20.000	ng	-0.01
86) Perylene-d12	24.110	264	883079	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	415510	55.004	ng	0.00
7) Phenol-d6	7.246	99	699257	72.275	ng	0.00
23) Nitrobenzene-d5	9.269	82	479763	55.071	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	199771	43.755	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1186921	49.705	ng	-0.01
79) Terphenyl-d14	20.022	244	2259386	56.517	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.022	139	28	2.774	ng	# 1
32) Benzoic acid	10.199	122	210	5.109	ng	# 88
48) 2-Nitroaniline	13.810	65	132	3.252	ng	# 77
51) 2,6-Dinitrotoluene	14.298	165	207	2.023	ng	92
53) 3-Nitroaniline	14.645	138	205	2.042	ng	# 20
54) 2,4-Dinitrophenol	14.840	184	48	5.274	ng	# 1
57) 2,4-Dinitrotoluene	15.098	165	245	2.312	ng	# 55
62) 4-Nitroaniline	15.628	138	219	2.582	ng	99
63) Azobenzene	16.087	77	59669	2.650	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.851	198	56	4.633	ng	# 1
77) Benzidine	19.675	184	397	2.307	ng	# 1

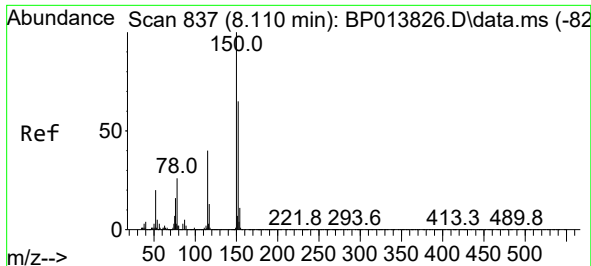
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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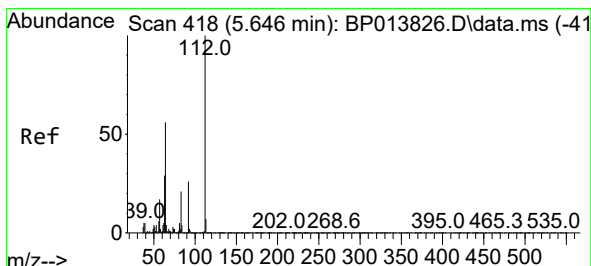
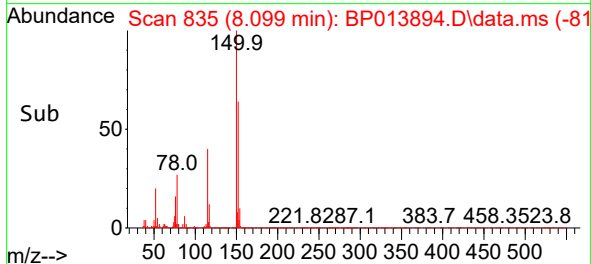
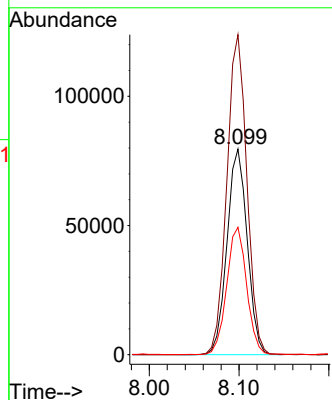
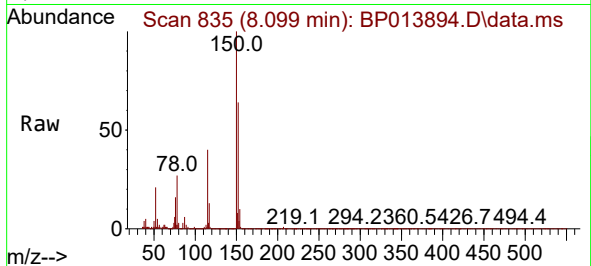




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

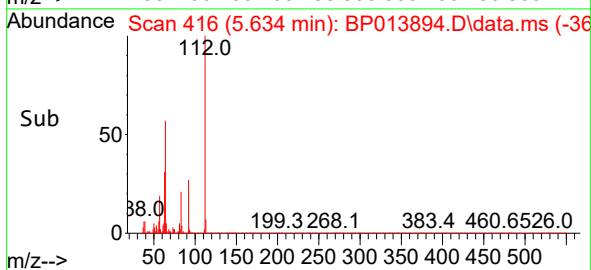
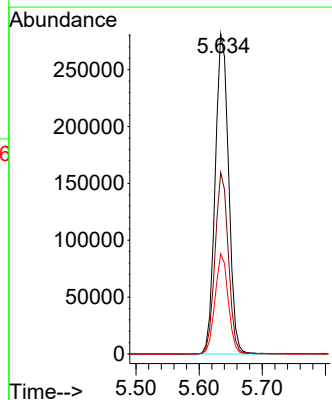
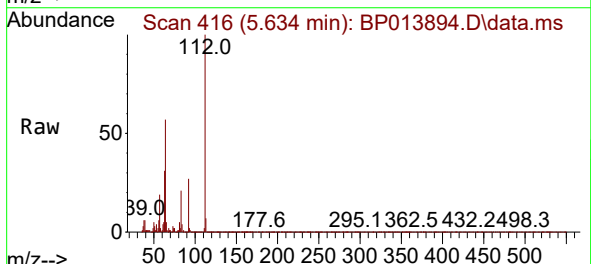
Instrument :
BNA_P
ClientSampleId :
HH-CON-3

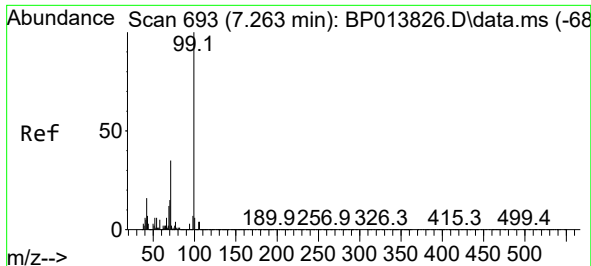
Tgt Ion:152 Resp: 124502
Ion Ratio Lower Upper
152 100
150 155.6 122.8 184.2
115 61.9 49.0 73.6



#5
2-Fluorophenol
Concen: 55.004 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

Tgt Ion:112 Resp: 415510
Ion Ratio Lower Upper
112 100
64 56.7 44.6 66.8
63 31.3 23.6 35.4

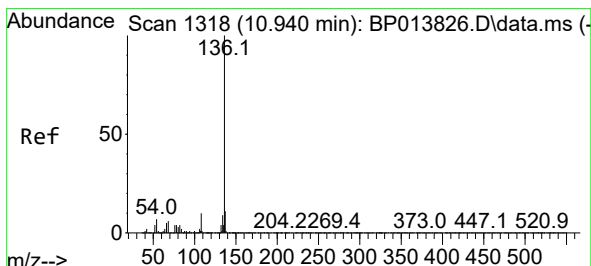
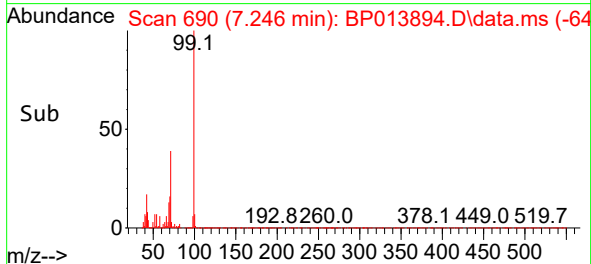
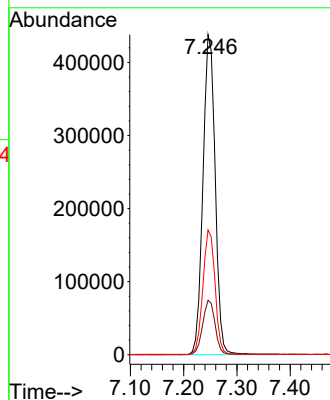
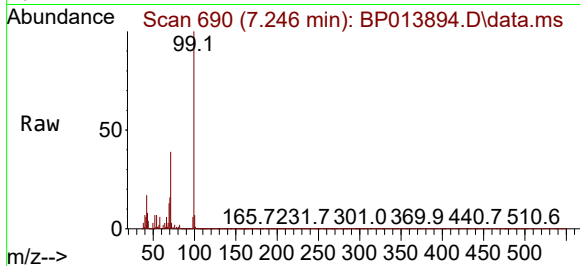




#7
Phenol-d6
Concen: 72.275 ng
RT: 7.246 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

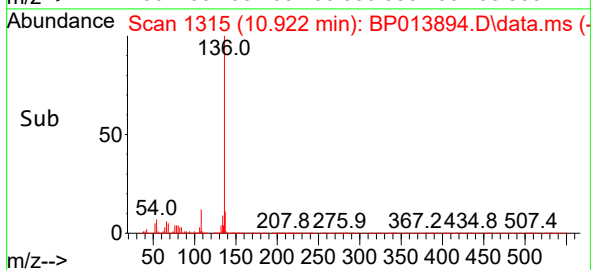
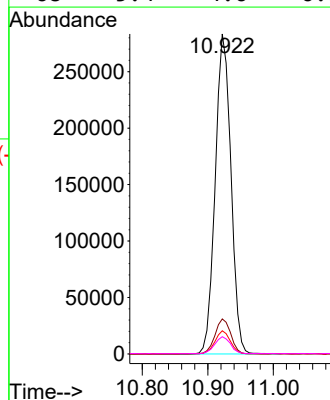
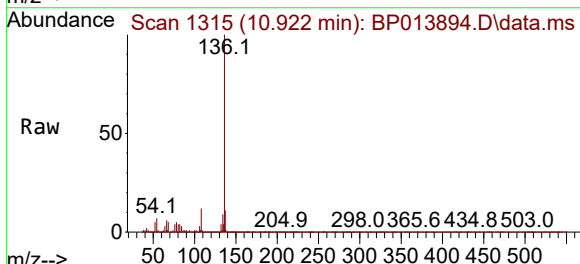
Instrument :
BNA_P
ClientSampleId :
HH-CON-3

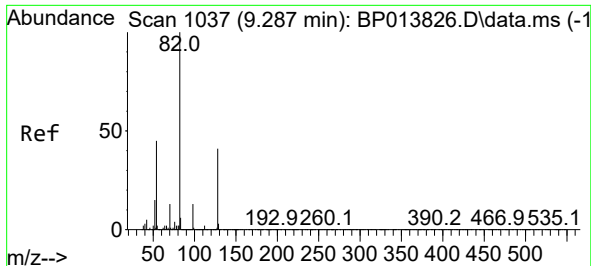
Tgt Ion:	99	Resp:	699257
Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.5	18.7
71	39.0	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

Tgt Ion:	136	Resp:	470429
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.2	5.8	8.6
68	5.4	4.6	6.8

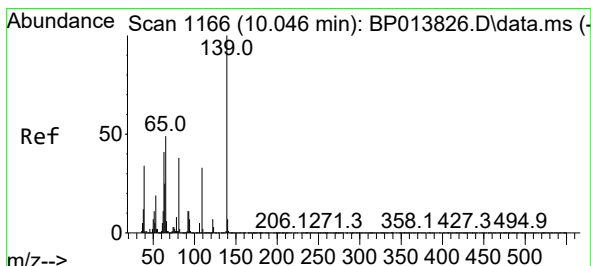
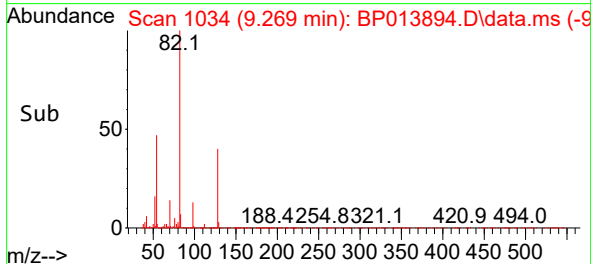
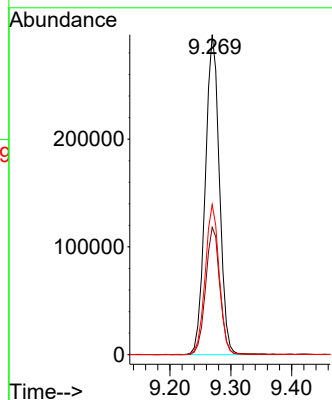
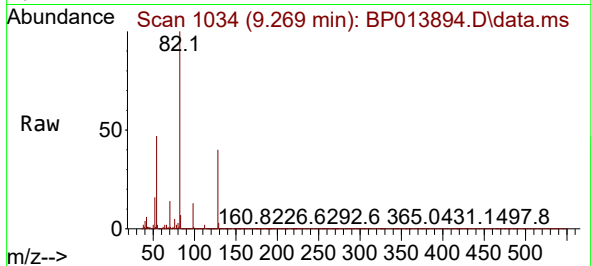




#23
Nitrobenzene-d5
Concen: 55.071 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

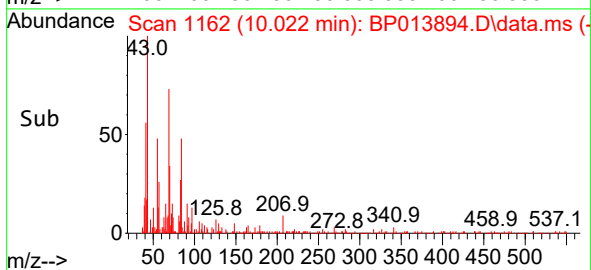
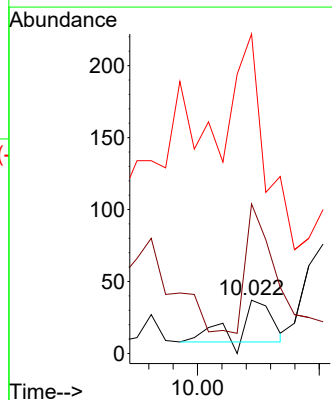
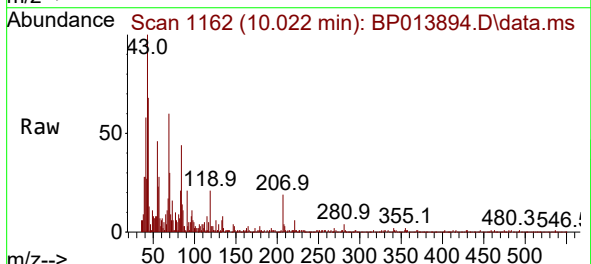
Instrument :
BNA_P
ClientSampleId :
HH-CON-3

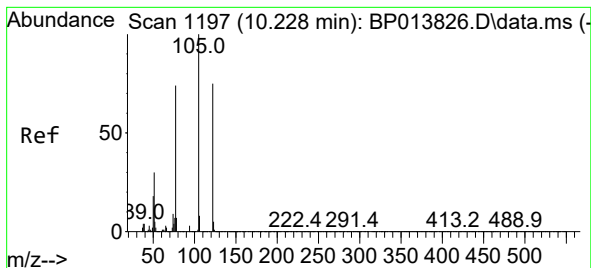
Tgt Ion: 82 Resp: 479763
Ion Ratio Lower Upper
82 100
128 39.8 32.9 49.3
54 46.9 35.6 53.4



#26
2-Nitrophenol
Concen: 2.774 ng
RT: 10.022 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

Tgt Ion:139 Resp: 28
Ion Ratio Lower Upper
139 100
109 281.1 26.7 40.1#
65 600.0 39.4 59.2#





#32

Benzoic acid

Concen: 5.109 ng

RT: 10.199 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BP013894.D

Acq: 28 Feb 2023 17:47

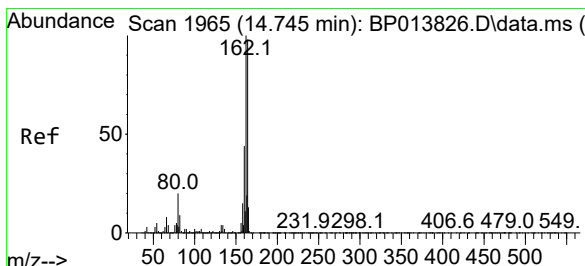
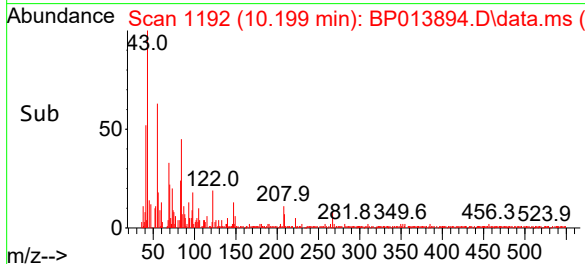
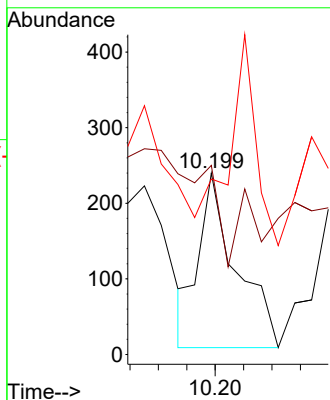
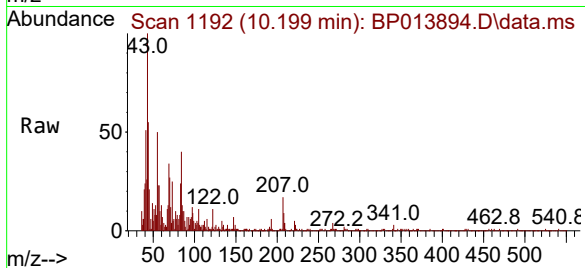
Instrument :

BNA_P

ClientSampleId :

HH-CON-3

Tgt Ion:	122	Resp:	210
Ion	Ratio	Lower	Upper
122	100		
105	104.2	107.4	147.4#
77	96.7	76.0	116.0



#39

Acenaphthene-d10

Concen: 20.000 ng

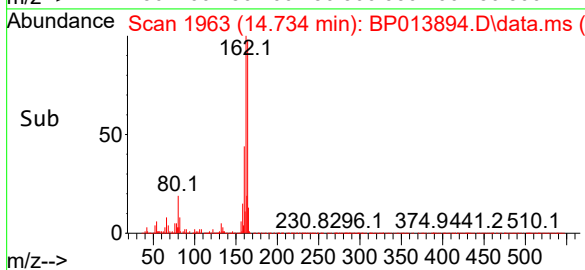
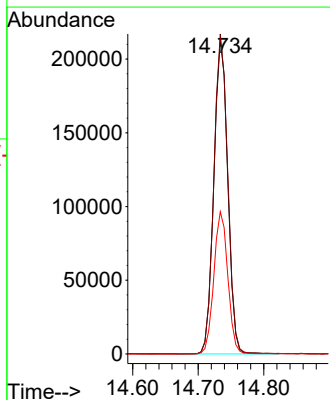
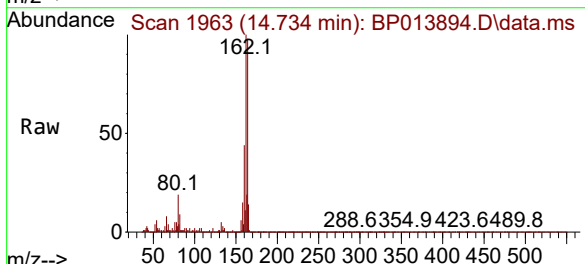
RT: 14.734 min Scan# 1963

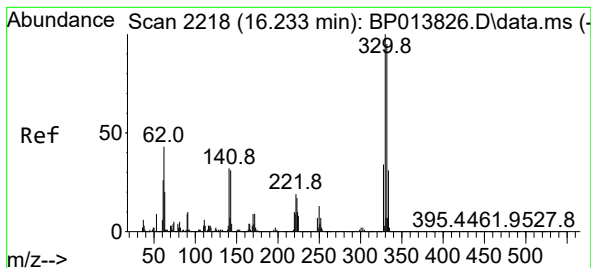
Delta R.T. -0.006 min

Lab File: BP013894.D

Acq: 28 Feb 2023 17:47

Tgt Ion:	164	Resp:	313646
Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.7	122.5
160	45.2	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 43.755 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013894.D

Acq: 28 Feb 2023 17:47

Instrument :

BNA_P

ClientSampleId :

HH-CON-3

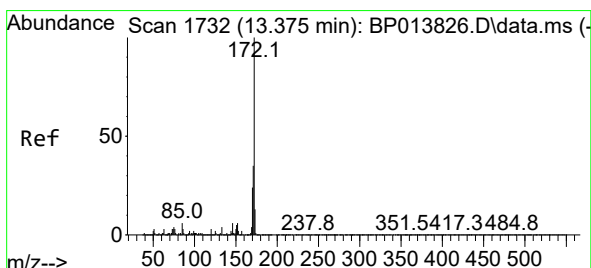
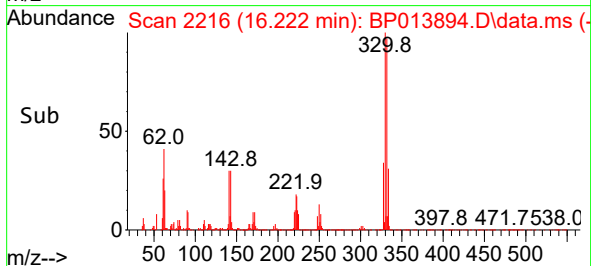
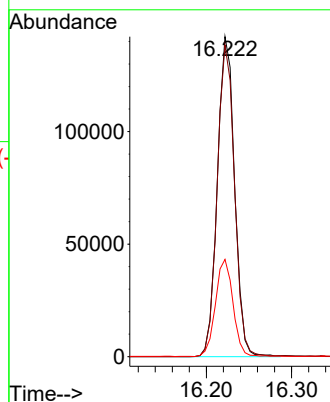
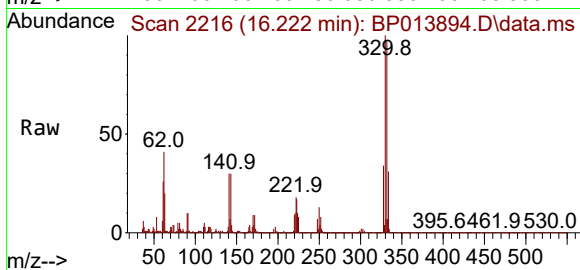
Tgt Ion:330 Resp: 199771

Ion Ratio Lower Upper

330 100

332 98.1 76.7 115.1

141 30.8 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 49.705 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.012 min

Lab File: BP013894.D

Acq: 28 Feb 2023 17:47

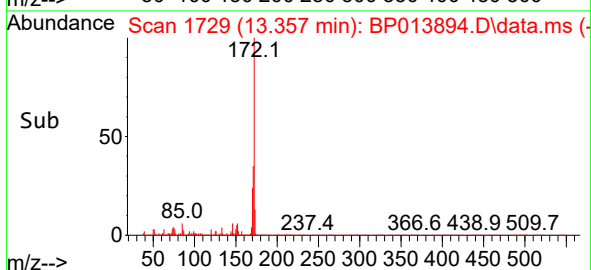
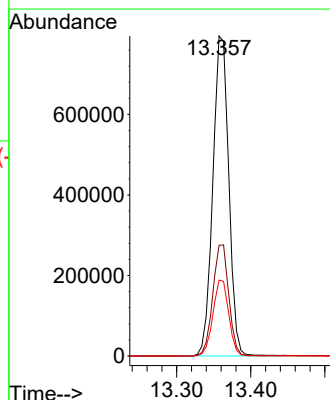
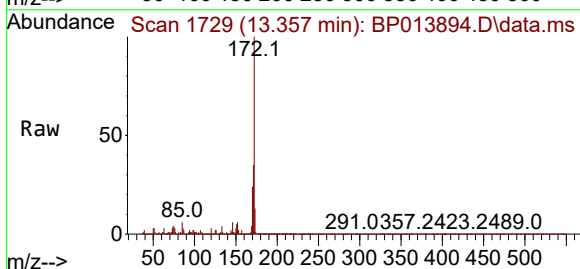
Tgt Ion:172 Resp: 1186921

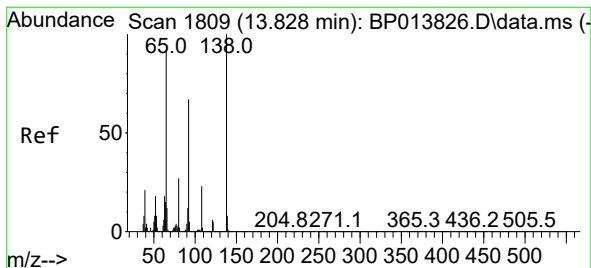
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.7 19.0 28.4





#48

2-Nitroaniline

Concen: 3.252 ng

RT: 13.810 min Scan# 1806

Delta R.T. -0.012 min

Lab File: BP013894.D

Acq: 28 Feb 2023 17:47

Instrument :

BNA_P

ClientSampleId :

HH-CON-3

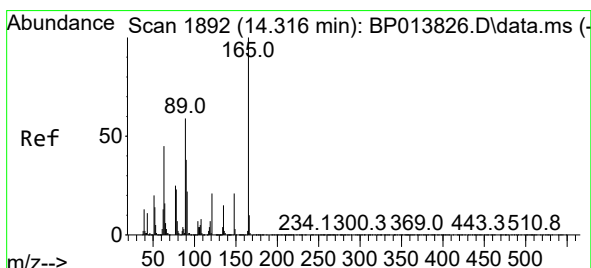
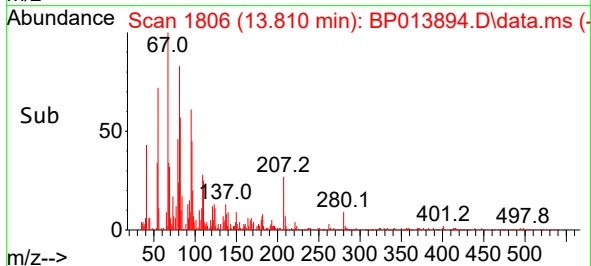
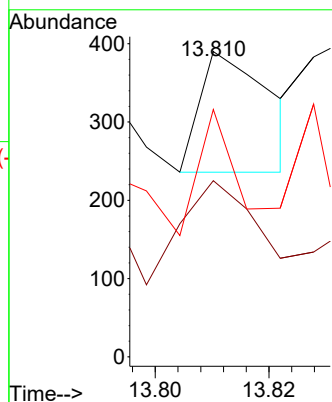
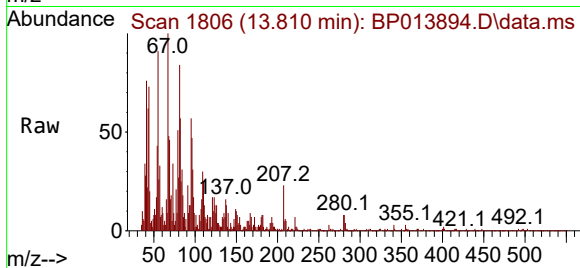
Tgt Ion: 65 Resp: 132

Ion Ratio Lower Upper

65 100

92 57.7 58.7 88.1#

138 81.0 87.3 130.9#



#51

2,6-Dinitrotoluene

Concen: 2.023 ng

RT: 14.298 min Scan# 1889

Delta R.T. -0.017 min

Lab File: BP013894.D

Acq: 28 Feb 2023 17:47

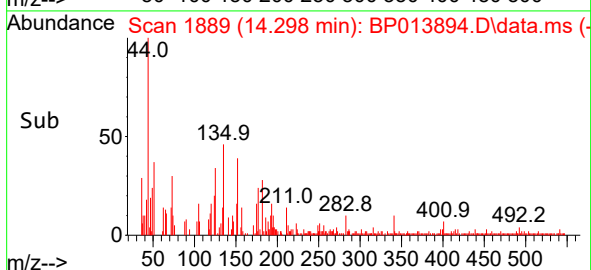
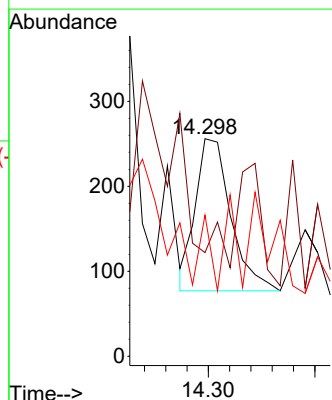
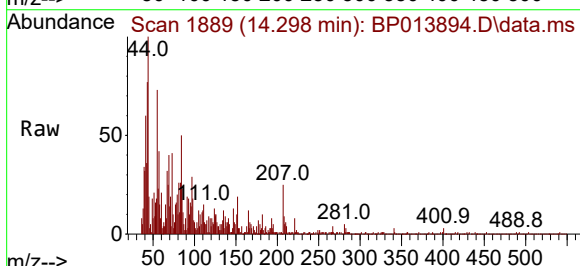
Tgt Ion: 165 Resp: 207

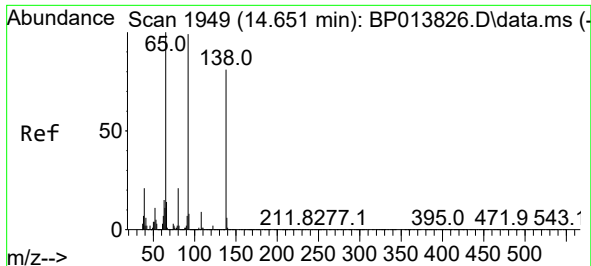
Ion Ratio Lower Upper

165 100

63 47.7 42.6 63.8

89 64.8 47.1 70.7

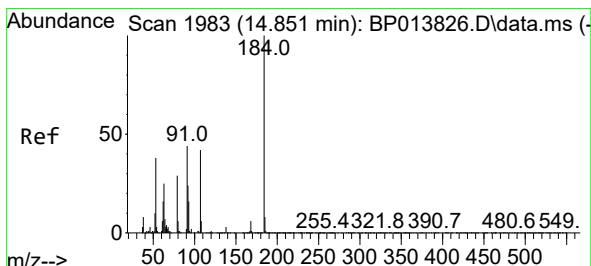
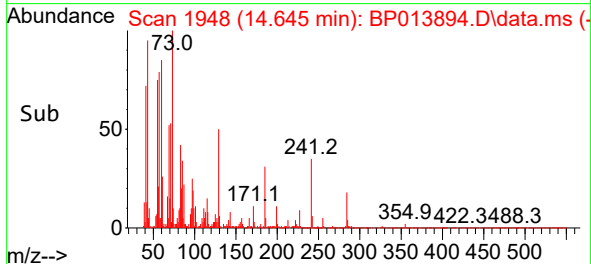
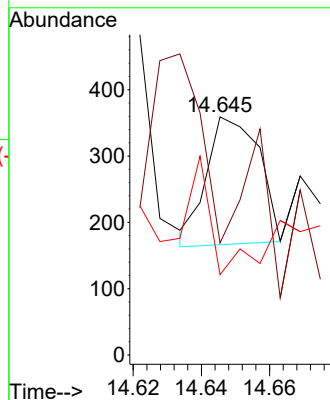
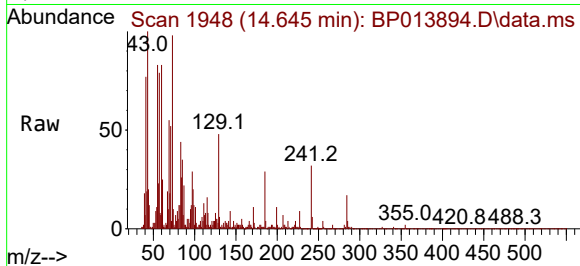




#53
3-Nitroaniline
Concen: 2.042 ng
RT: 14.645 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

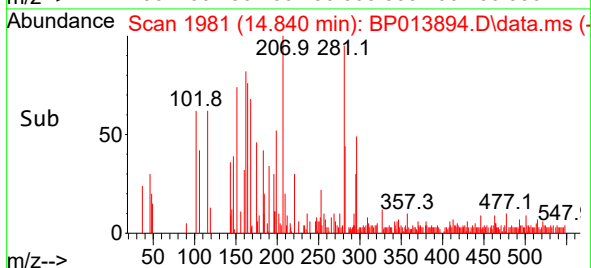
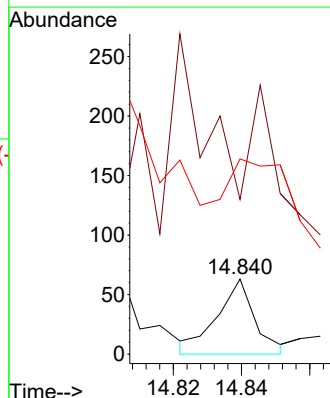
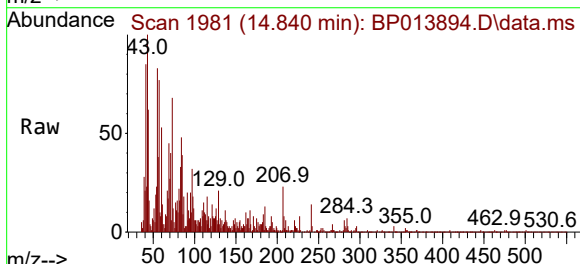
Instrument :
BNA_P
ClientSampleId :
HH-CON-3

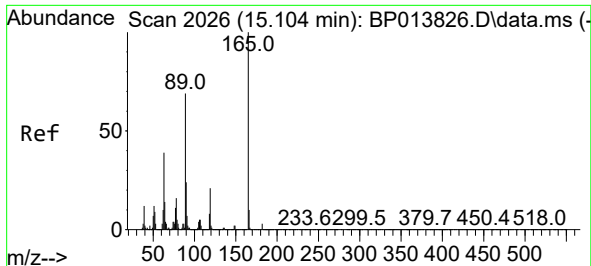
Tgt Ion:138 Resp: 205
Ion Ratio Lower Upper
138 100
108 47.1 9.0 13.4#
92 33.7 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.274 ng
RT: 14.840 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

Tgt Ion:184 Resp: 48
Ion Ratio Lower Upper
184 100
63 206.3 47.0 70.4#
154 260.3 51.5 77.3#

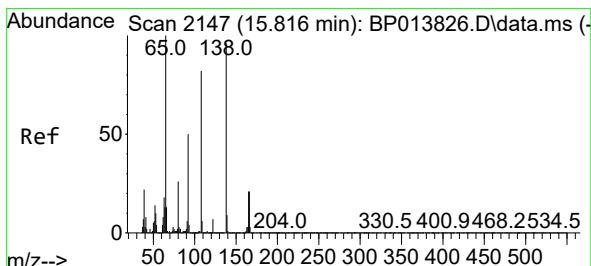
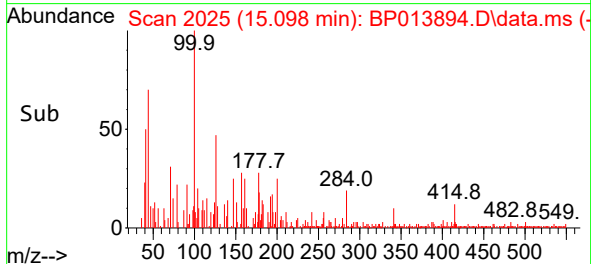
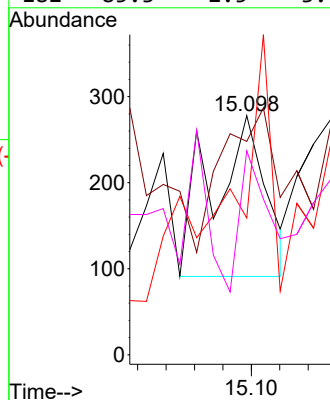
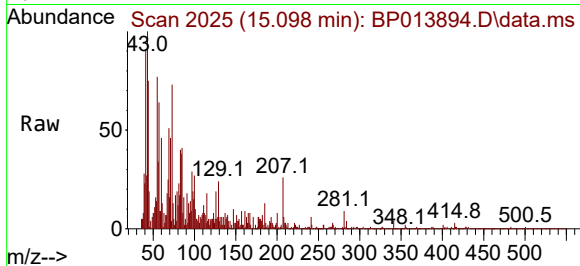




#57
2,4-Dinitrotoluene
Concen: 2.312 ng
RT: 15.098 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

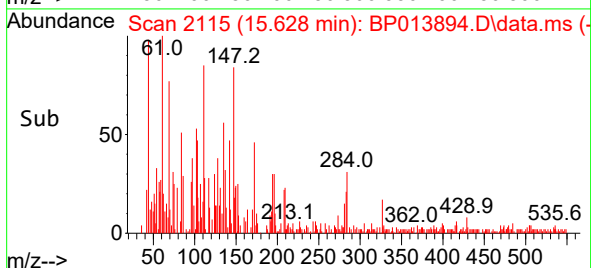
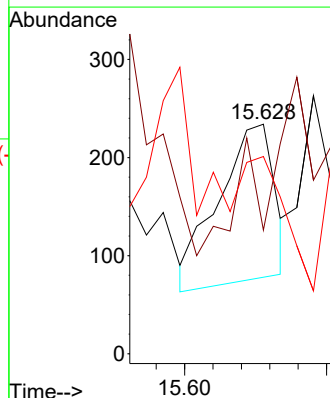
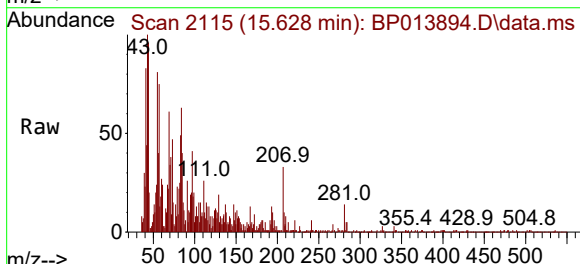
Instrument :
BNA_P
ClientSampleId :
HH-CON-3

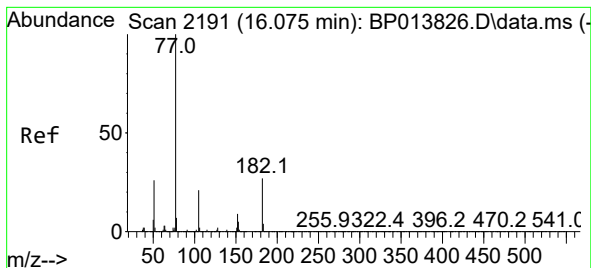
Tgt Ion:165 Resp: 245
Ion Ratio Lower Upper
165 100
63 89.2 31.1 46.7#
89 57.2 54.9 82.3
182 85.3 2.5 3.7#



#62
4-Nitroaniline
Concen: 2.582 ng
RT: 15.628 min Scan# 2115
Delta R.T. -0.182 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

Tgt Ion:138 Resp: 219
Ion Ratio Lower Upper
138 100
92 53.8 32.0 72.0
108 85.9 65.6 105.6





#63

Azobenzene

Concen: 2.650 ng

RT: 16.087 min Scan# 2191

Delta R.T. 0.018 min

Lab File: BP013894.D

Acq: 28 Feb 2023 17:47

Instrument :

BNA_P

ClientSampleId :

HH-CON-3

Tgt Ion: 77 Resp: 59669

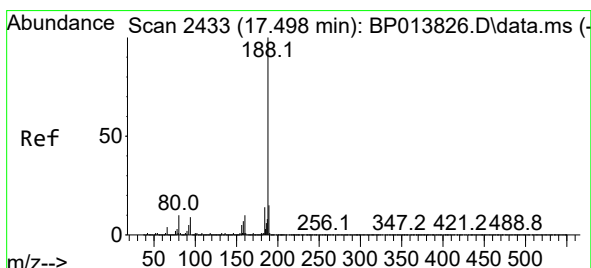
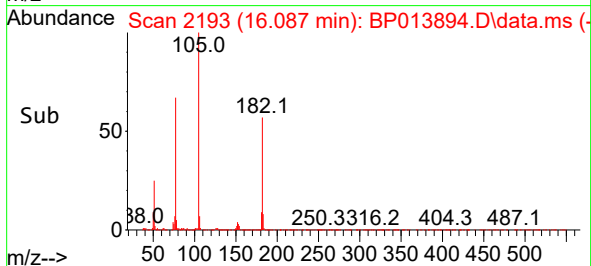
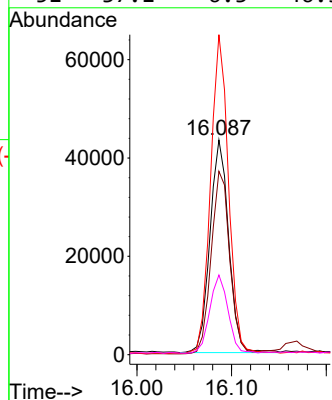
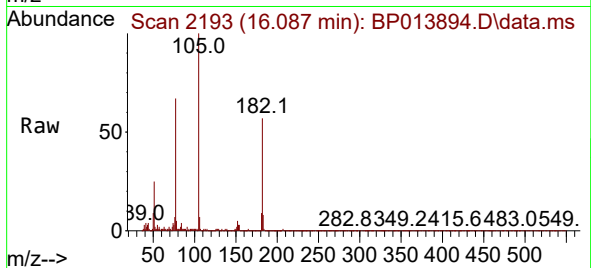
Ion Ratio Lower Upper

77 100

182 85.4 6.9 46.9#

105 149.1 1.1 41.1#

51 37.1 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: BP013894.D

Acq: 28 Feb 2023 17:47

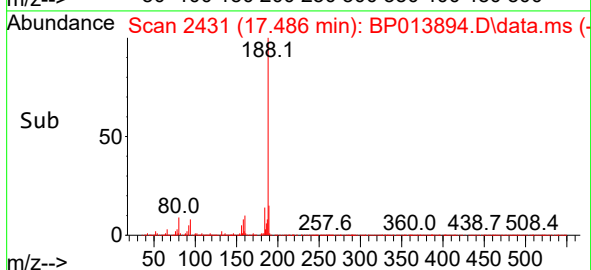
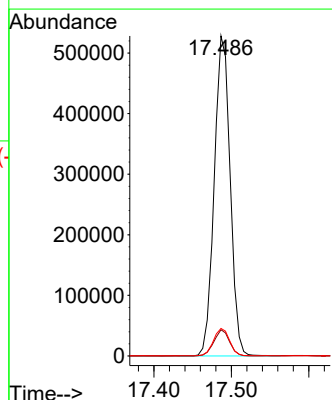
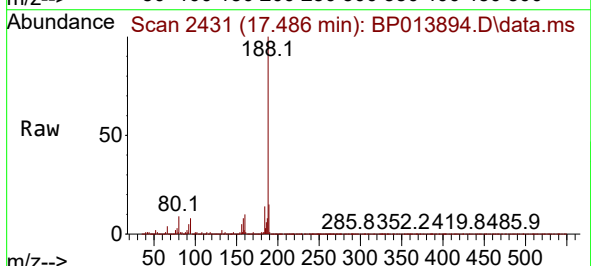
Tgt Ion: 188 Resp: 752527

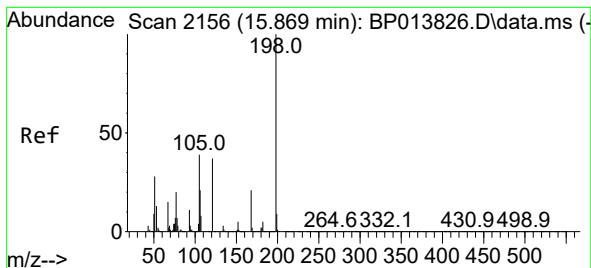
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 8.6 7.8 11.8

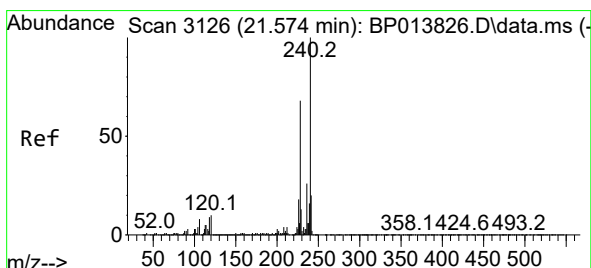
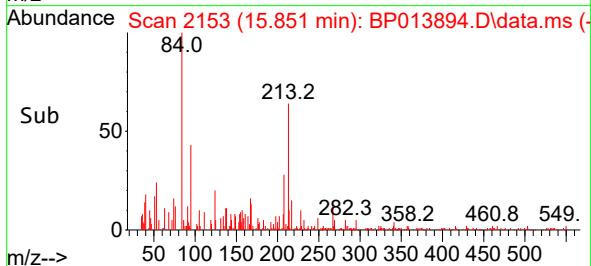
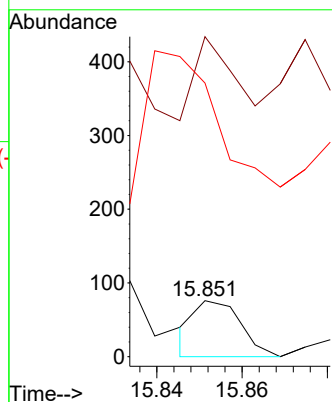
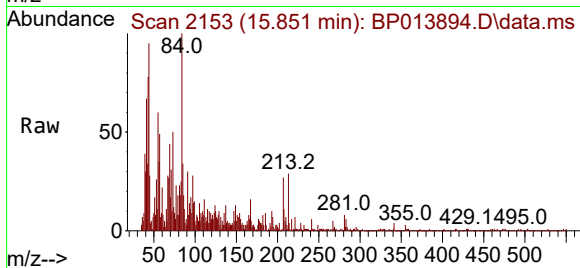




#65
4,6-Dinitro-2-methylphenol
Concen: 4.633 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

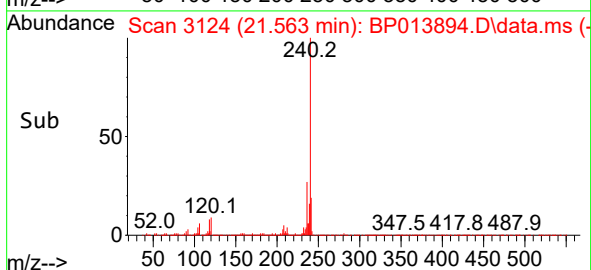
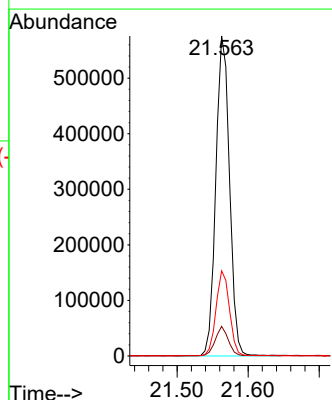
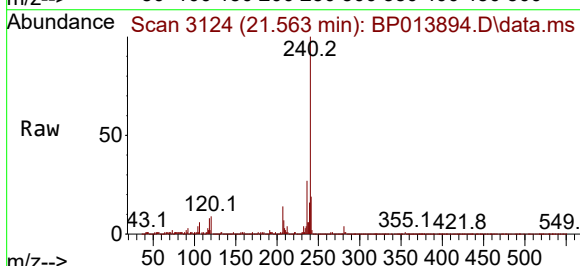
Instrument :
BNA_P
ClientSampleId :
HH-CON-3

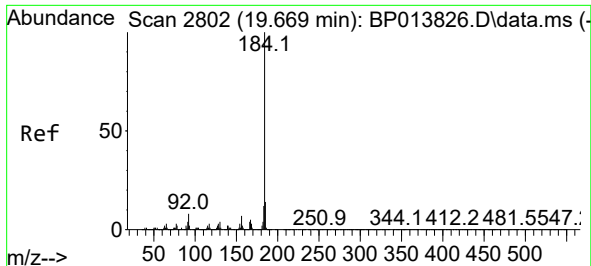
Tgt Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
51 571.1 14.3 54.3#
105 488.2 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

Tgt Ion:240 Resp: 769162
Ion Ratio Lower Upper
240 100
120 9.3 7.9 11.9
236 26.6 20.9 31.3

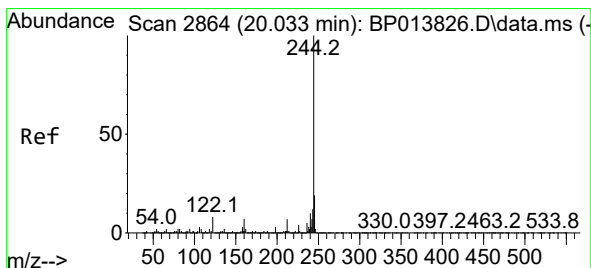
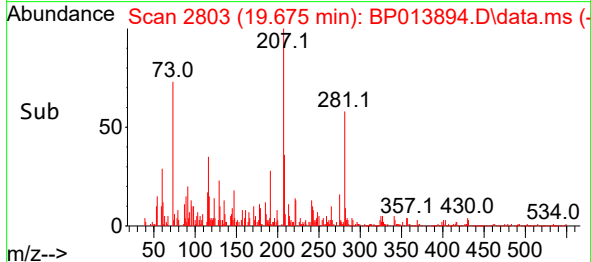
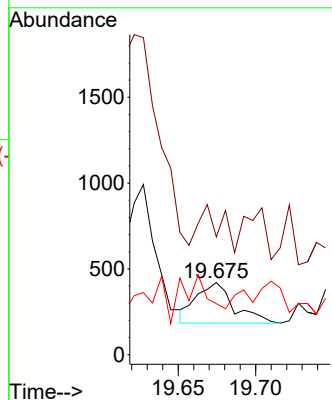
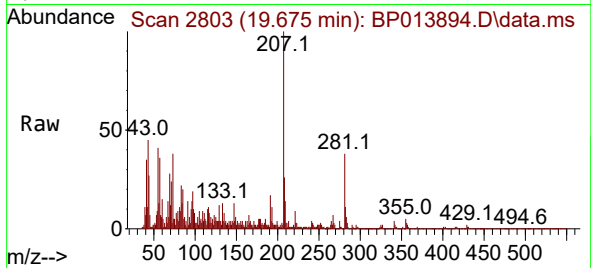




#77
Benzidine
Concen: 2.307 ng
RT: 19.675 min Scan# 2803
Delta R.T. 0.012 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

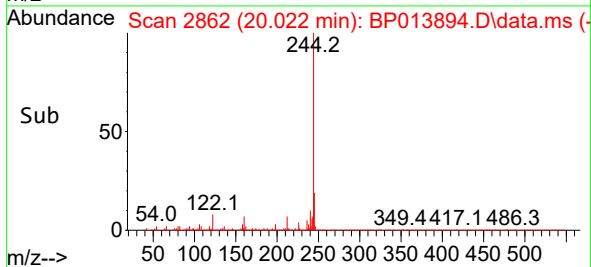
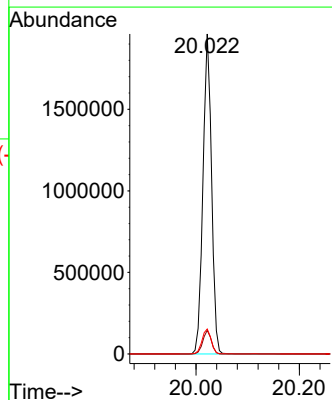
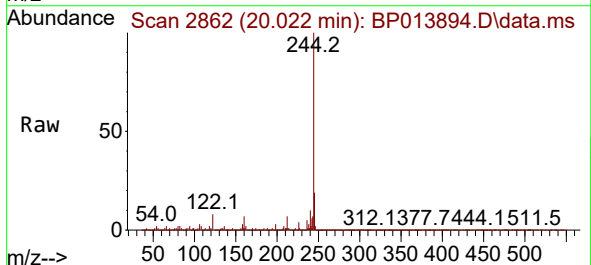
Instrument :
BNA_P
ClientSampleId :
HH-CON-3

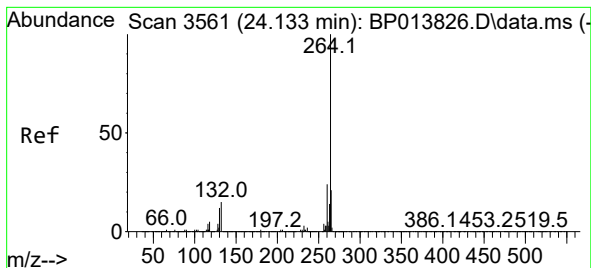
Tgt Ion:184 Resp: 397
Ion Ratio Lower Upper
184 100
185 162.9 11.4 17.0#
183 70.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 56.517 ng
RT: 20.022 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BP013894.D
Acq: 28 Feb 2023 17:47

Tgt Ion:244 Resp: 2259386
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 7.8 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: BP013894.D

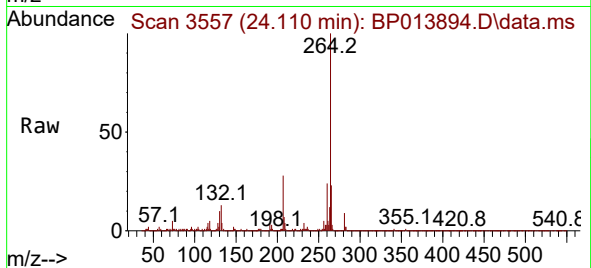
Acq: 28 Feb 2023 17:47

Instrument :

BNA_P

ClientSampleId :

HH-CON-3



Tgt Ion:264 Resp: 883079

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 22.5 17.6 26.4

