

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013895.D
 Acq On : 28 Feb 2023 18:21
 Operator : CG/JU
 Sample : 01723-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-5

Quant Time: Mar 01 03:47:16 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)

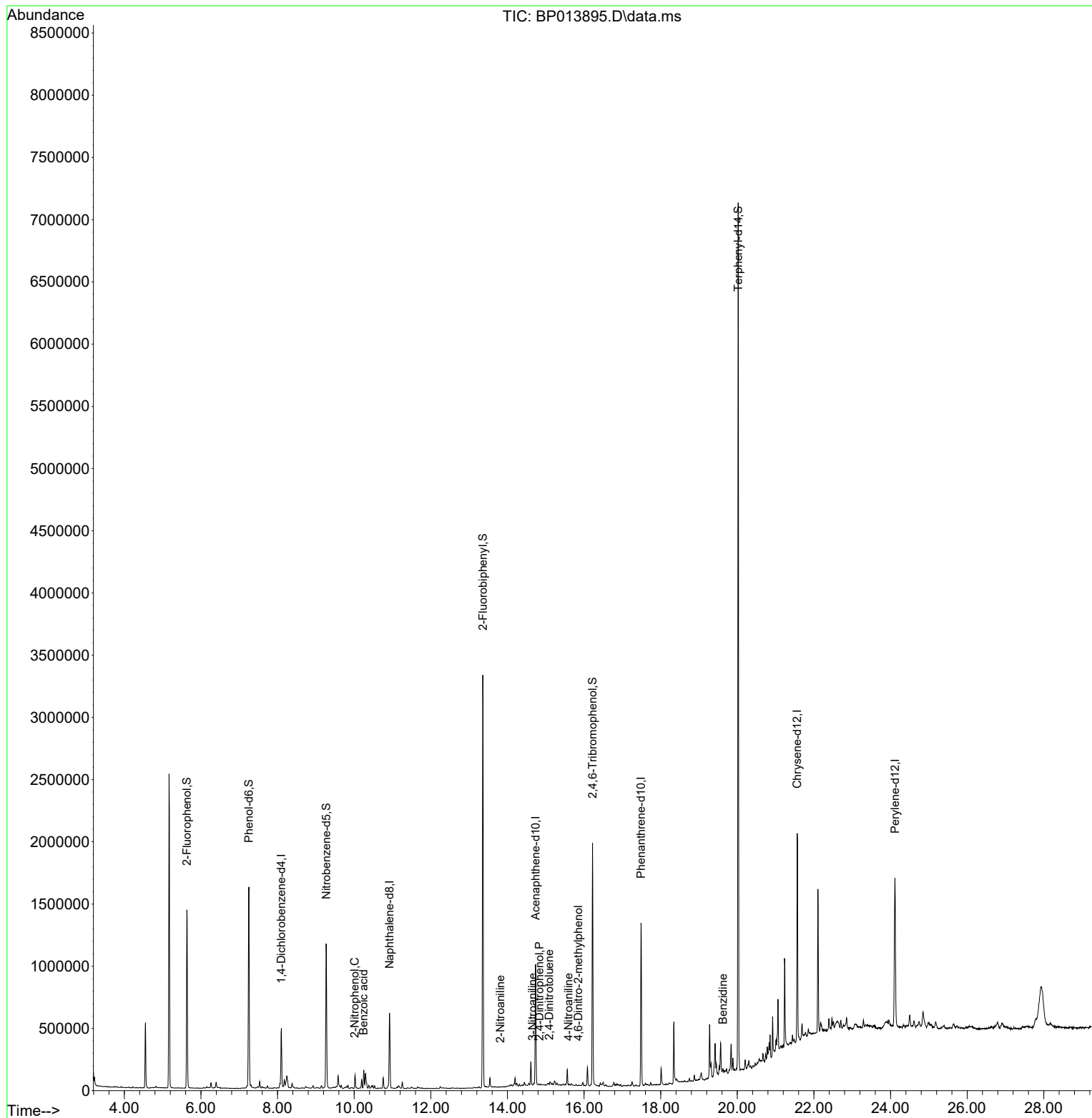
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	126939	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	489146	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	332369	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	792777	20.000	ng	0.00
76) Chrysene-d12	21.563	240	824153	20.000	ng	-0.01
86) Perylene-d12	24.115	264	983965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	605662	78.636	ng	0.00
7) Phenol-d6	7.252	99	922518	93.521	ng	0.00
23) Nitrobenzene-d5	9.269	82	683771	75.486	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	380088	78.560	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1675636	66.218	ng	-0.01
79) Terphenyl-d14	20.022	244	3250683	75.888	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	10.010	139	36	2.776	ng	# 1
32) Benzoic acid	10.240	122	66	5.086	ng	# 3
48) 2-Nitroaniline	13.816	65	197	3.262	ng	# 6
53) 3-Nitroaniline	14.657	138	100	2.023	ng	# 59
54) 2,4-Dinitrophenol	14.834	184	65	5.278	ng	# 1
57) 2,4-Dinitrotoluene	15.086	165	342	2.322	ng	# 61
62) 4-Nitroaniline	15.592	138	165	2.572	ng	92
65) 4,6-Dinitro-2-methylph...	15.851	198	11	4.626	ng	# 1
77) Benzidine	19.627	184	3351	2.472	ng	# 1

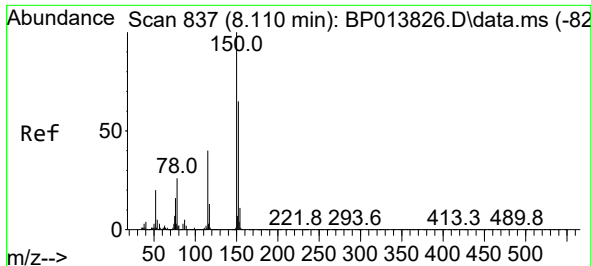
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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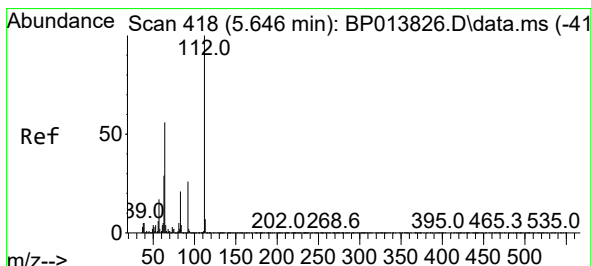
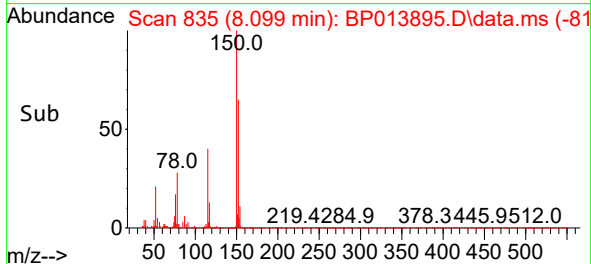
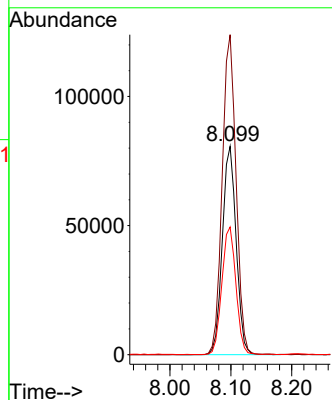
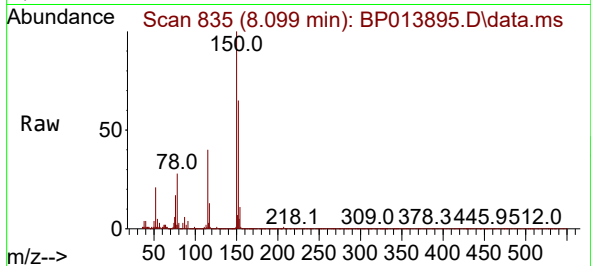




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

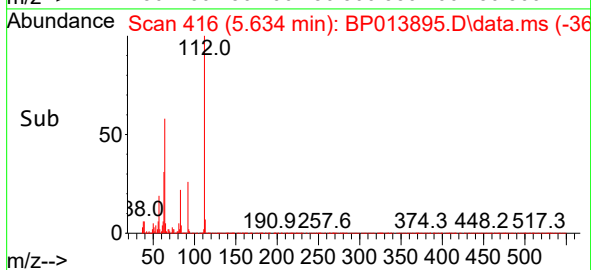
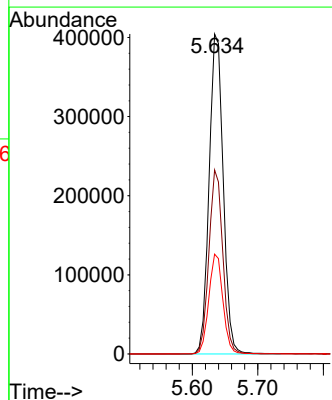
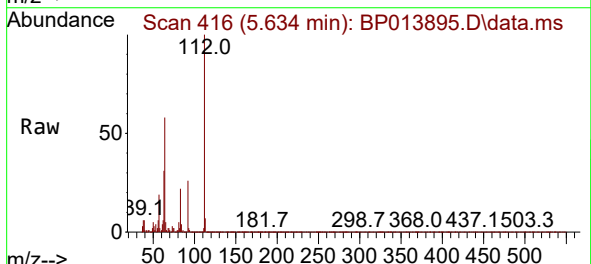
Instrument :
BNA_P
ClientSampleId :
HH-CON-5

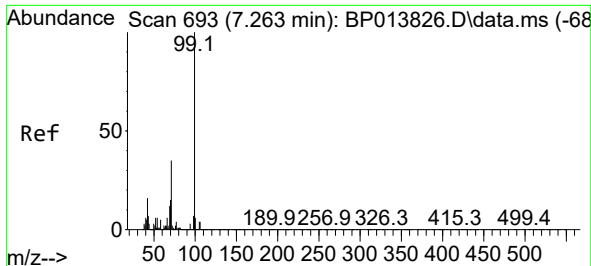
Tgt Ion:152 Resp: 126939
Ion Ratio Lower Upper
152 100
150 153.5 122.8 184.2
115 61.2 49.0 73.6



#5
2-Fluorophenol
Concen: 78.636 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion:112 Resp: 605662
Ion Ratio Lower Upper
112 100
64 57.5 44.6 66.8
63 31.2 23.6 35.4

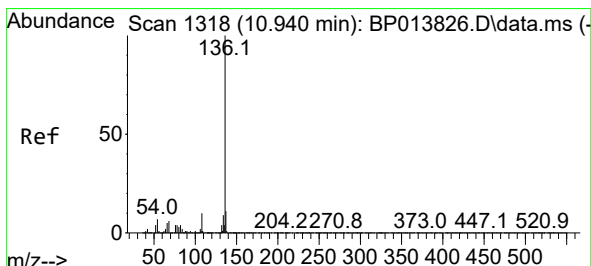
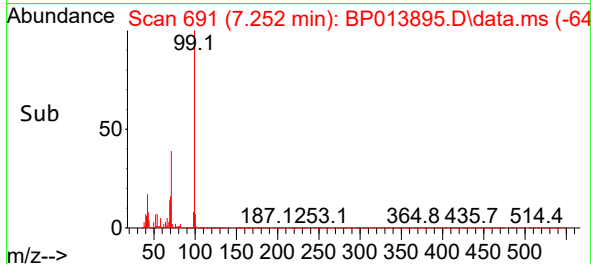
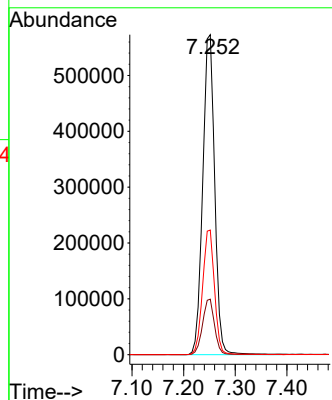
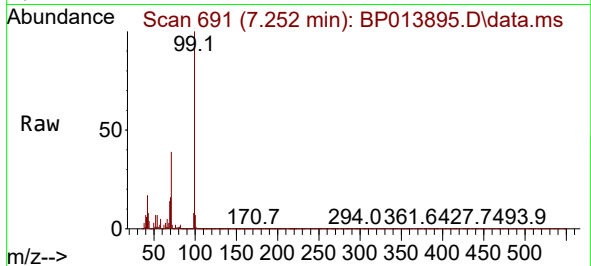




#7
Phenol-d6
Concen: 93.521 ng
RT: 7.252 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

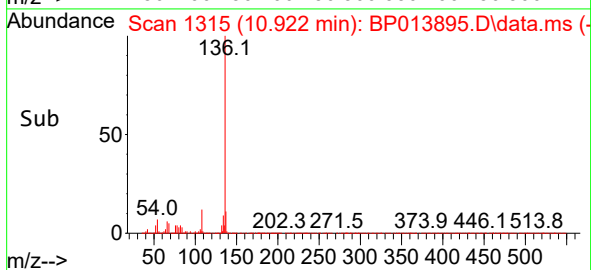
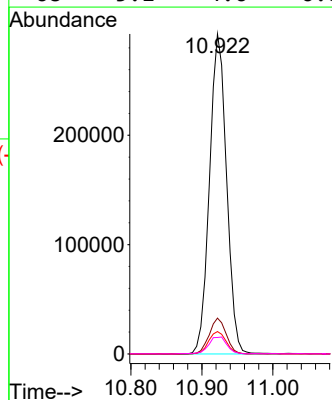
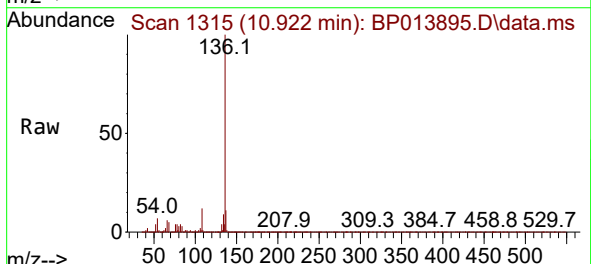
Instrument :
BNA_P
ClientSampleId :
HH-CON-5

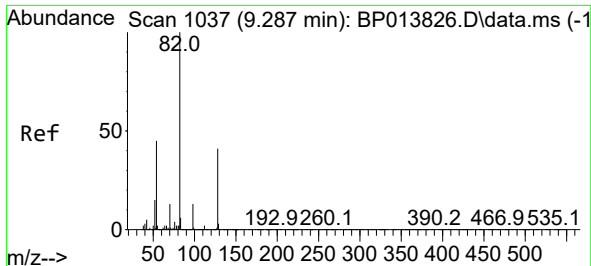
Tgt Ion: 99 Resp: 922518
Ion Ratio Lower Upper
99 100
42 17.4 12.5 18.7
71 39.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion: 136 Resp: 489146
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.0 5.8 8.6
68 5.1 4.6 6.8

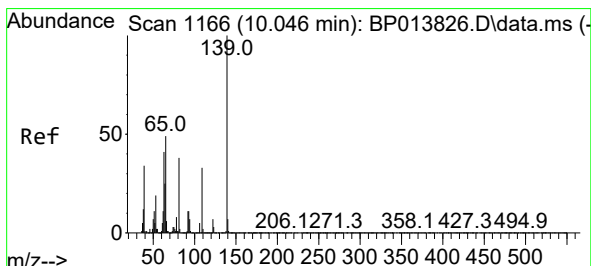
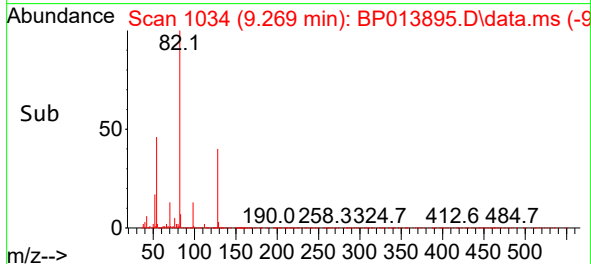
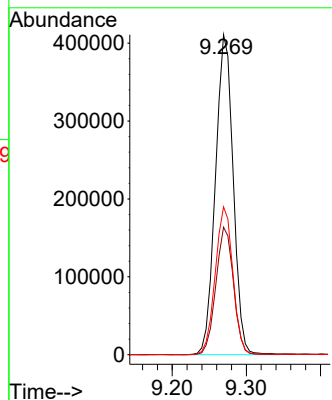
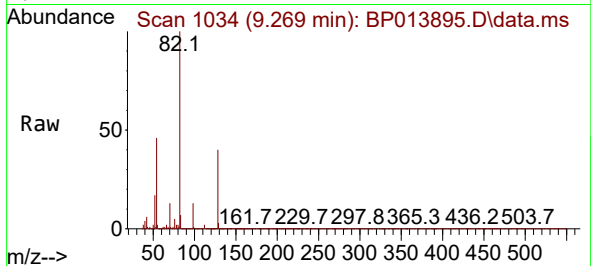




#23
Nitrobenzene-d5
Concen: 75.486 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

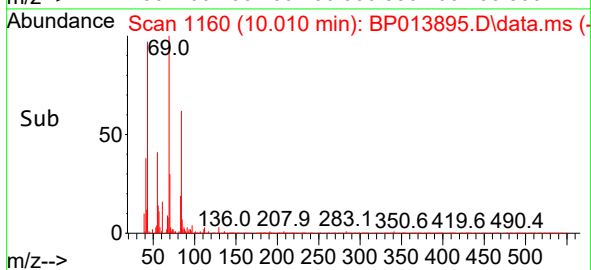
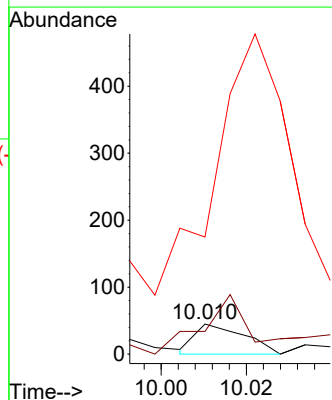
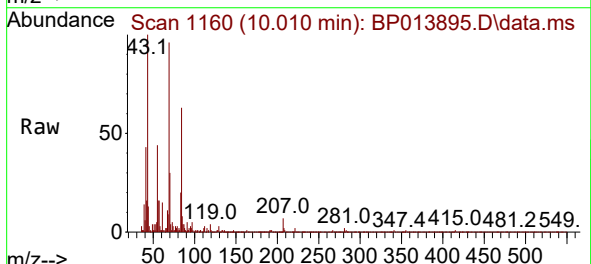
Instrument :
BNA_P
ClientSampleId :
HH-CON-5

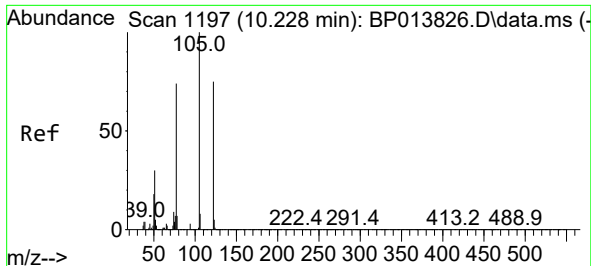
Tgt Ion: 82 Resp: 683771
Ion Ratio Lower Upper
82 100
128 39.9 32.9 49.3
54 46.2 35.6 53.4



#26
2-Nitrophenol
Concen: 2.776 ng
RT: 10.010 min Scan# 1160
Delta R.T. -0.023 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion:139 Resp: 36
Ion Ratio Lower Upper
139 100
109 75.6 26.7 40.1#
65 388.9 39.4 59.2#

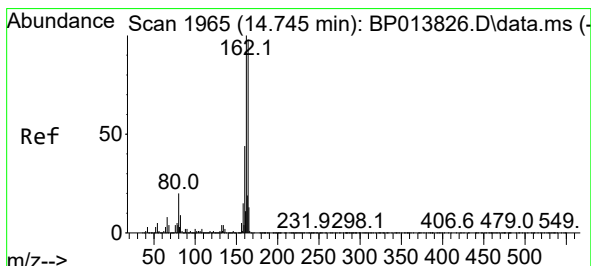
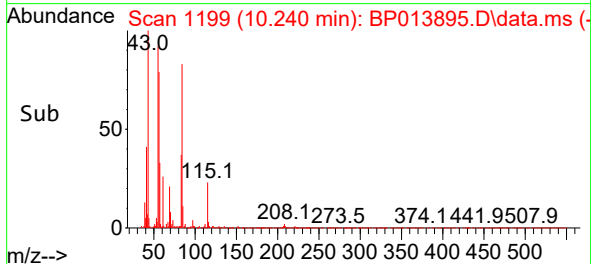
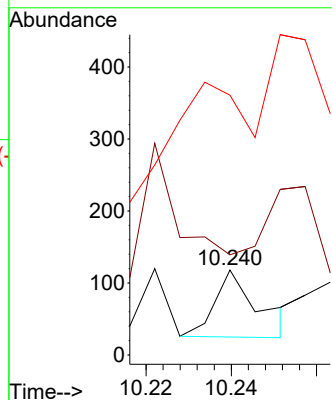
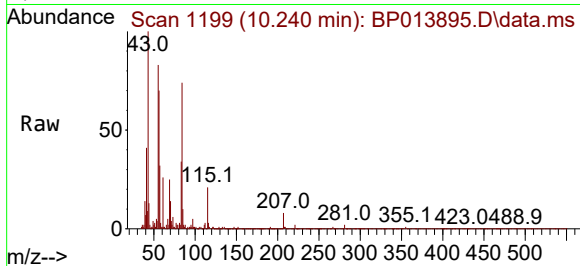




#32
Benzoic acid
Concen: 5.086 ng
RT: 10.240 min Scan# 1197
Delta R.T. 0.024 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

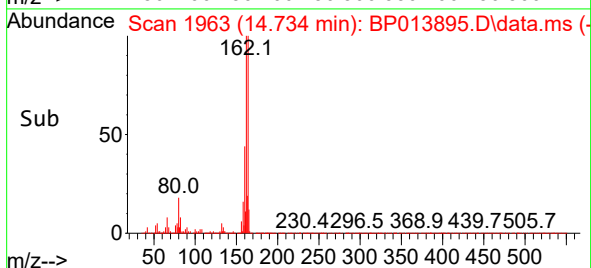
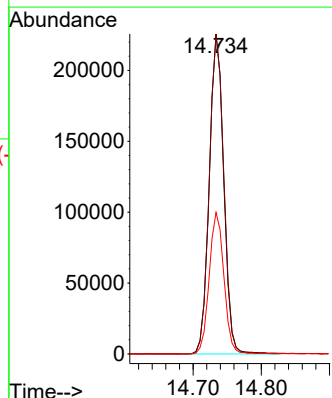
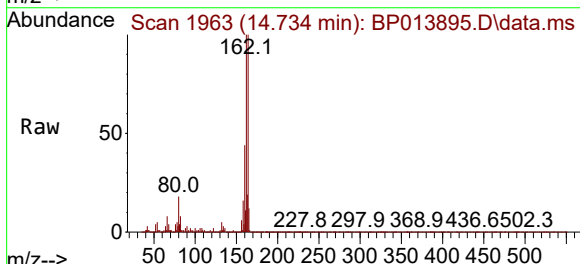
Instrument :
BNA_P
ClientSampleId :
HH-CON-5

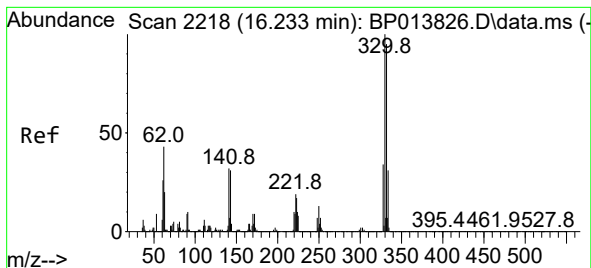
Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 117.8 107.4 147.4
77 305.9 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion:164 Resp: 332369
Ion Ratio Lower Upper
164 100
162 100.1 81.7 122.5
160 44.3 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 78.560 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013895.D

Acq: 28 Feb 2023 18:21

Instrument :

BNA_P

ClientSampleId :

HH-CON-5

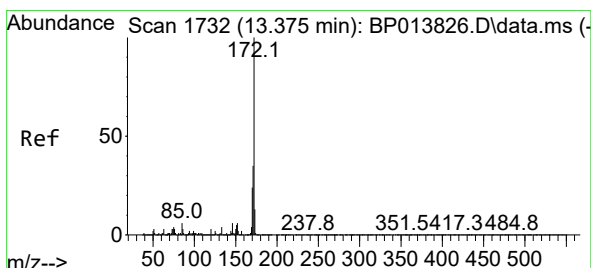
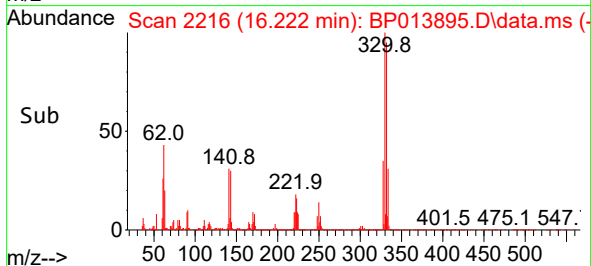
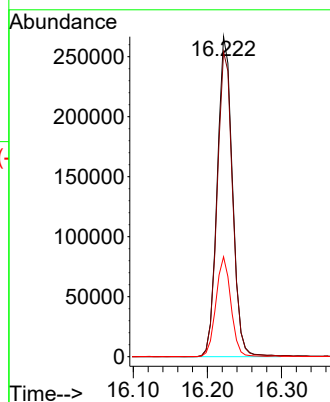
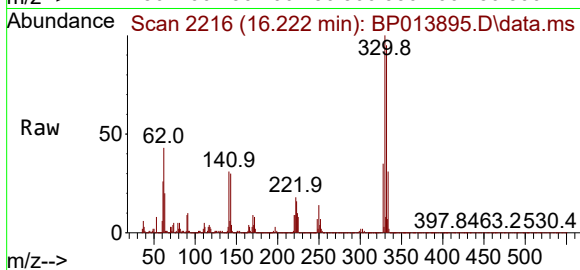
Tgt Ion:330 Resp: 380088

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

141 30.6 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 66.218 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.012 min

Lab File: BP013895.D

Acq: 28 Feb 2023 18:21

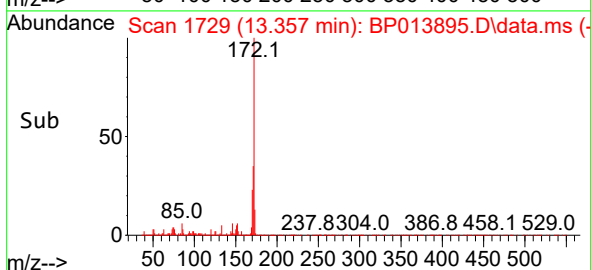
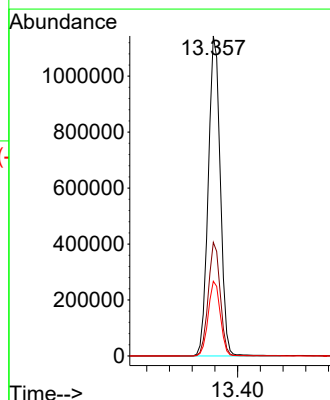
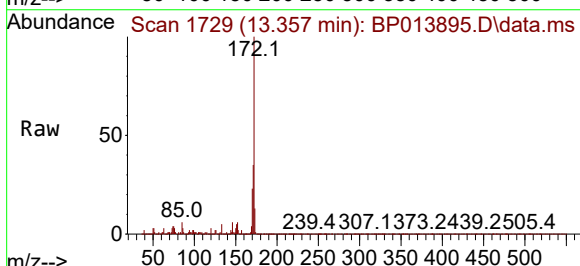
Tgt Ion:172 Resp: 1675636

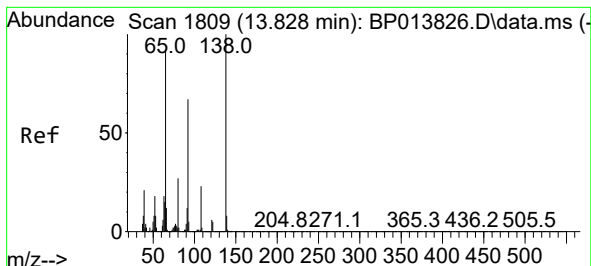
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.3 19.0 28.4

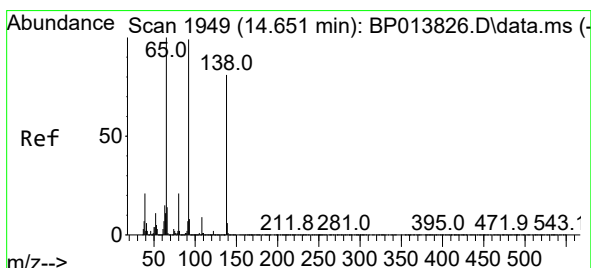
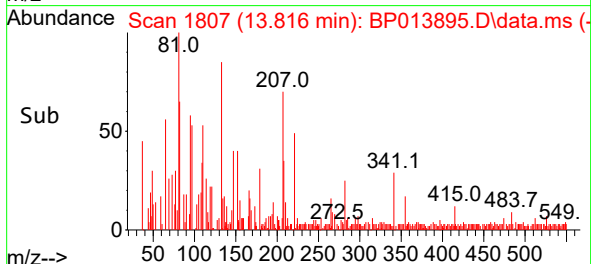
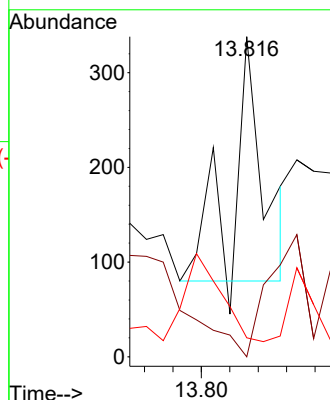
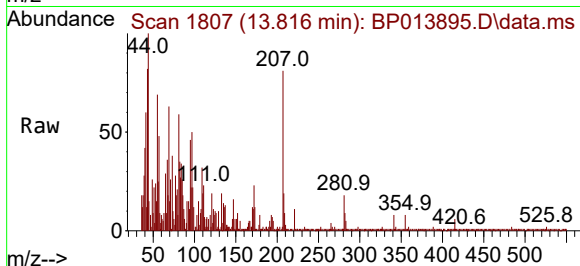




#48
2-Nitroaniline
Concen: 3.262 ng
RT: 13.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

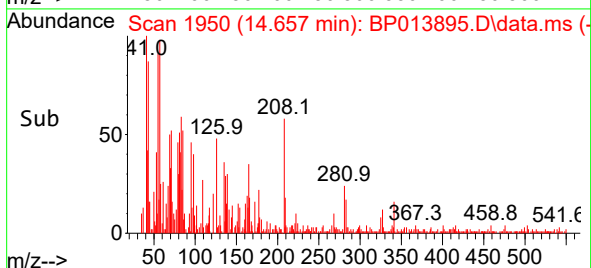
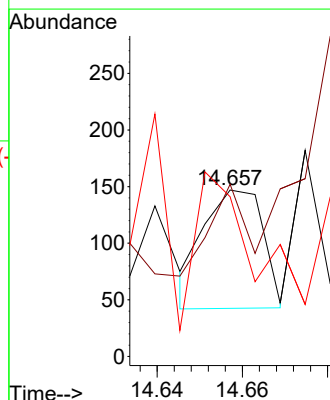
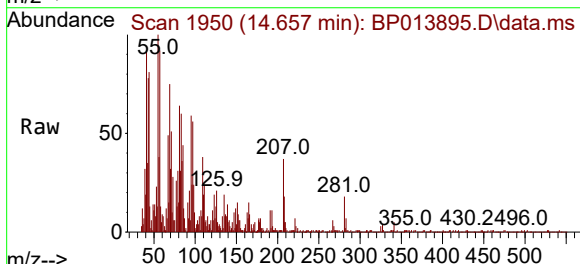
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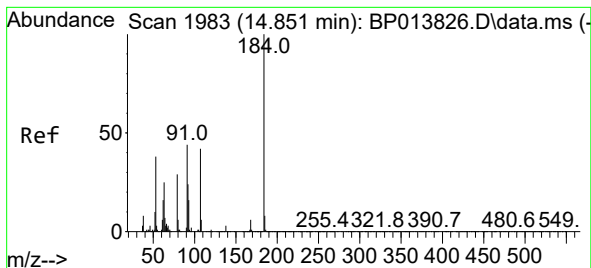
Tgt Ion: 65 Resp: 197
Ion Ratio Lower Upper
65 100
92 0.0 58.7 88.1#
138 5.9 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.023 ng
RT: 14.657 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion:138 Resp: 100
Ion Ratio Lower Upper
138 100
108 103.4 9.0 13.4#
92 95.9 97.1 145.7#

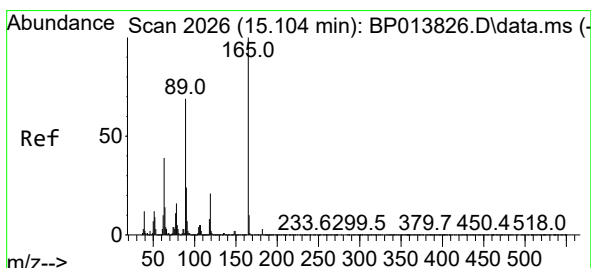
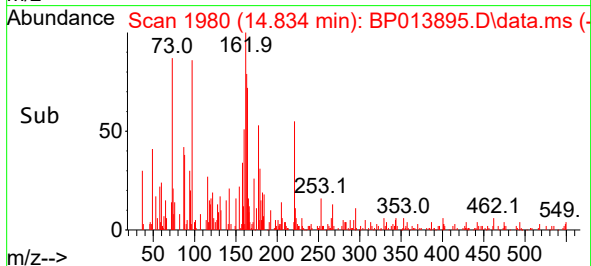
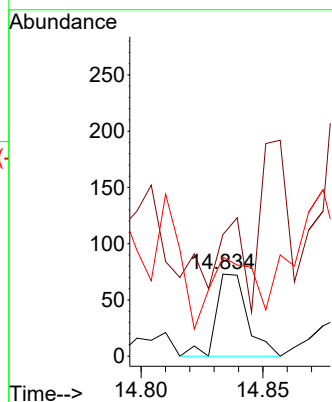
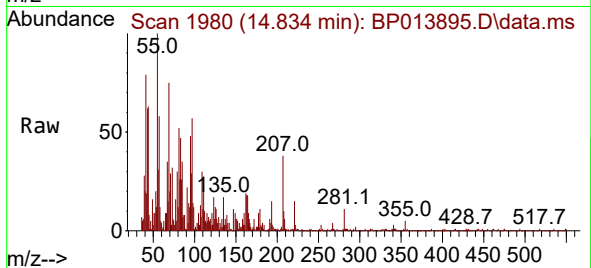




#54
2,4-Dinitrophenol
Concen: 5.278 ng
RT: 14.834 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

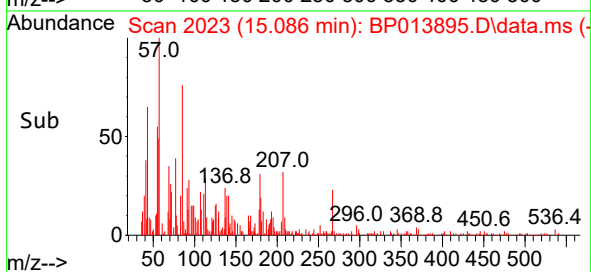
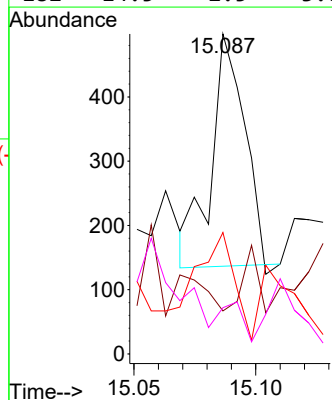
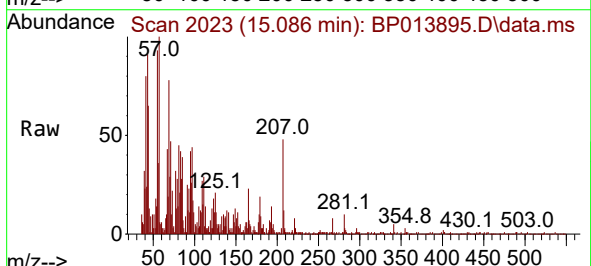
Instrument :
BNA_P
ClientSampleId :
HH-CON-5

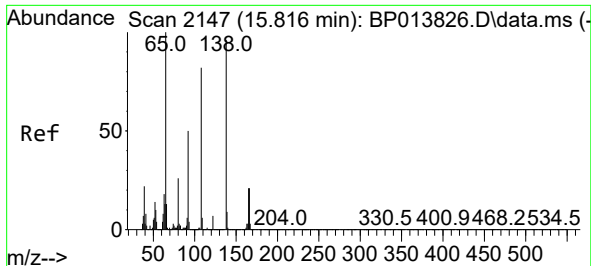
Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 157.5 47.0 70.4#
154 120.5 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 2.322 ng
RT: 15.086 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion:165 Resp: 342
Ion Ratio Lower Upper
165 100
63 13.5 31.1 46.7#
89 38.0 54.9 82.3#
182 14.5 2.5 3.7#

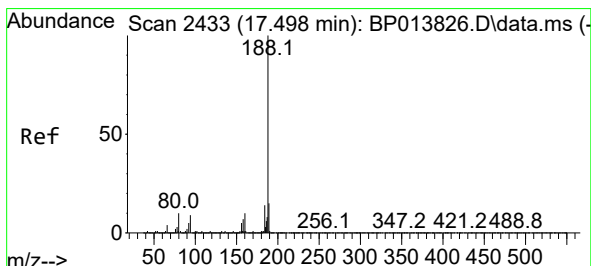
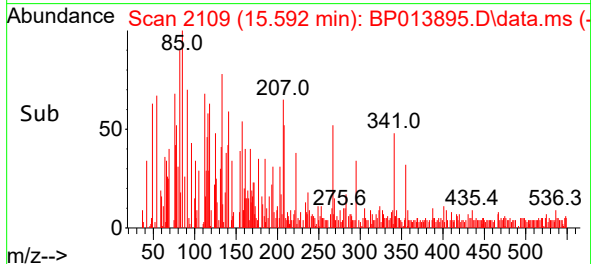
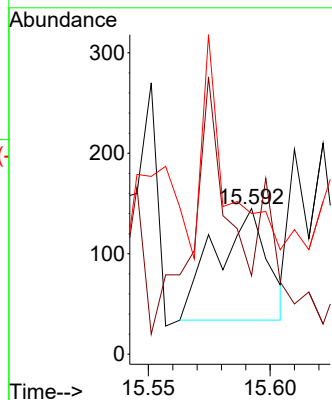
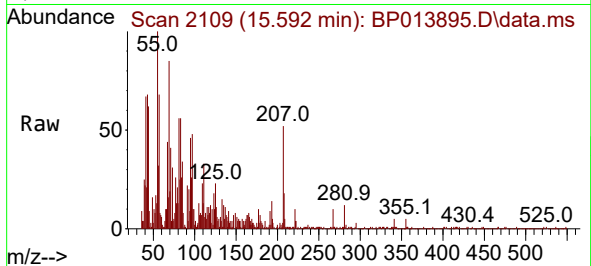




#62
4-Nitroaniline
Concen: 2.572 ng
RT: 15.592 min Scan# 2147
Delta R.T. -0.218 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

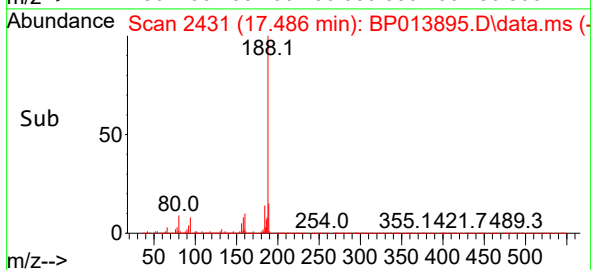
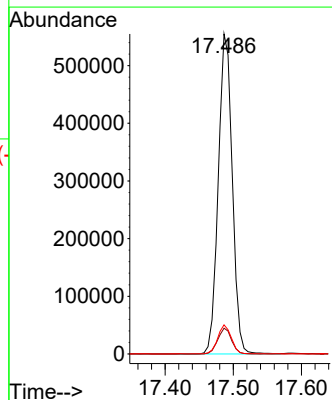
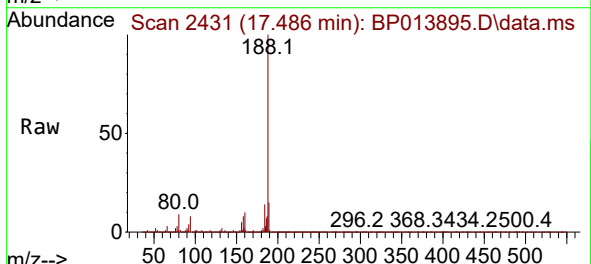
Instrument :
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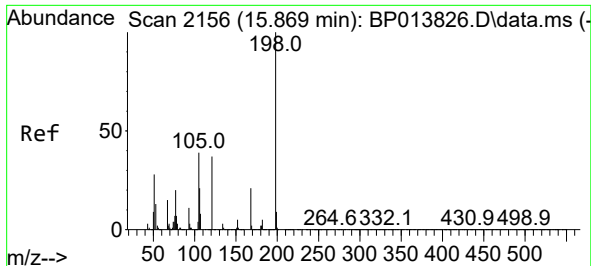
Tgt Ion:138 Resp: 165
Ion Ratio Lower Upper
138 100
92 53.8 32.0 72.0
108 96.6 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion:188 Resp: 792777
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.1 7.8 11.8

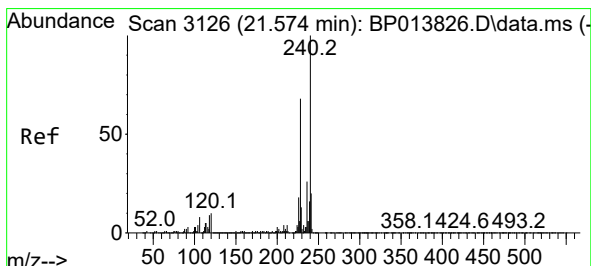
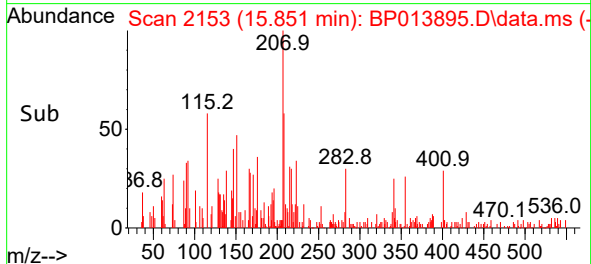
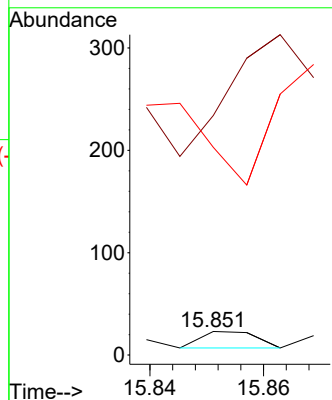
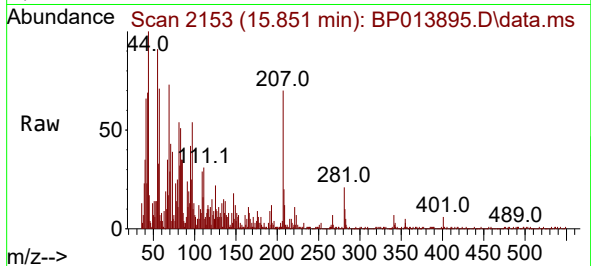




#65
4,6-Dinitro-2-methylphenol
Concen: 4.626 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

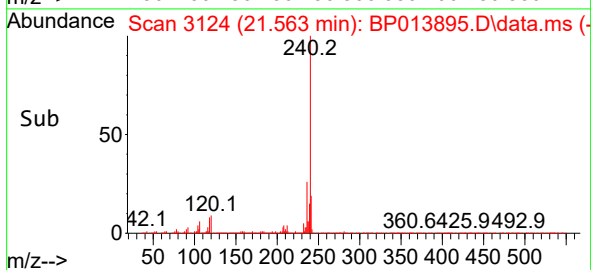
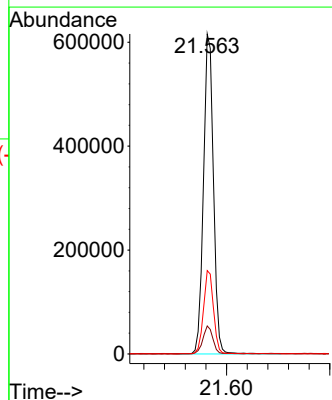
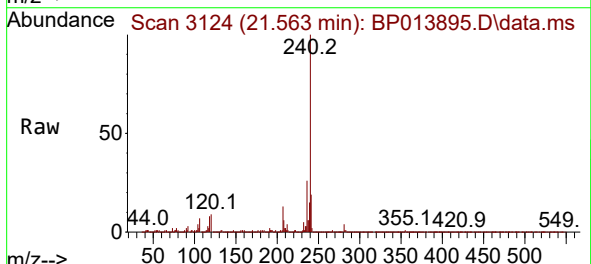
Instrument :
BNA_P
ClientSampleId :
HH-CON-5

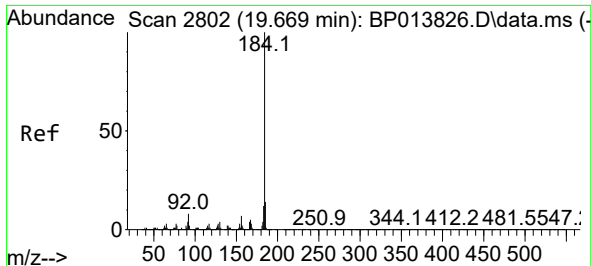
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 1017.4 14.3 54.3#
105 882.6 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion:240 Resp: 824153
Ion Ratio Lower Upper
240 100
120 8.8 7.9 11.9
236 26.1 20.9 31.3

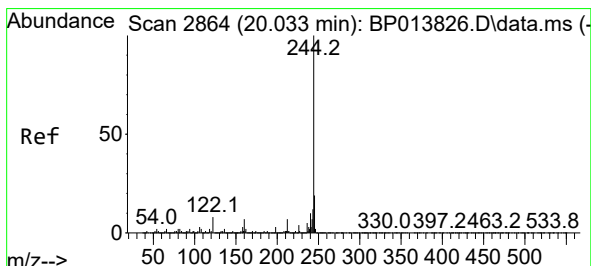
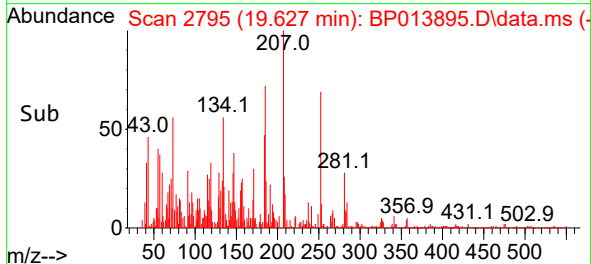
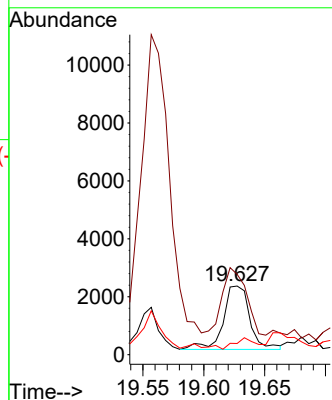
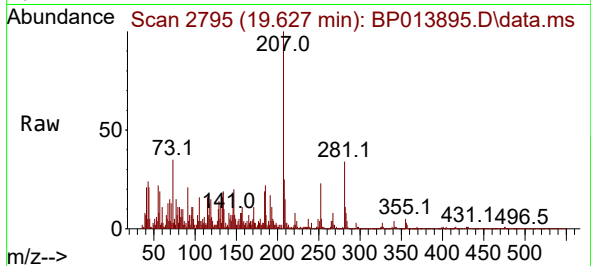




#77
Benzidine
Concen: 2.472 ng
RT: 19.627 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

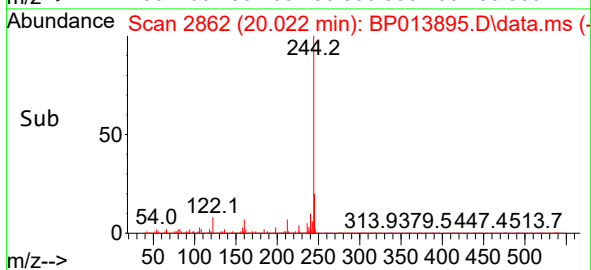
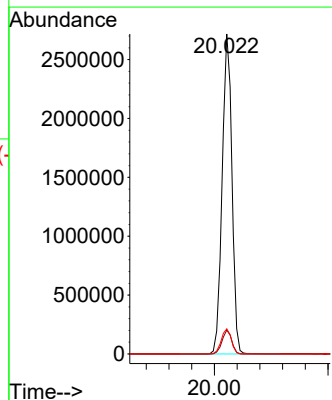
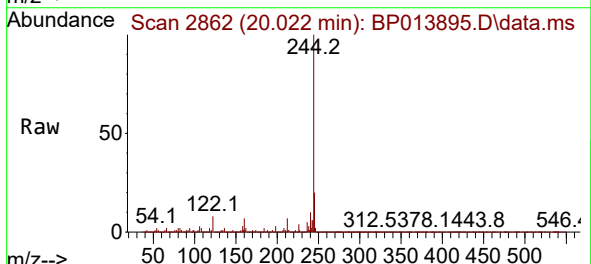
Instrument :
BNA_P
ClientSampleId :
HH-CON-5

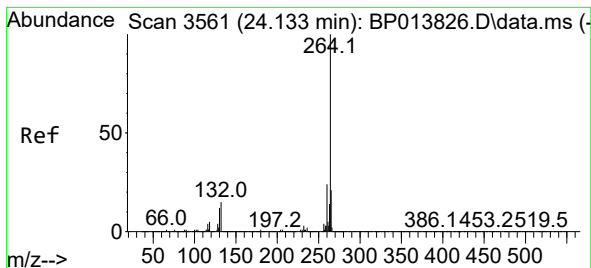
Tgt Ion:184 Resp: 3351
Ion Ratio Lower Upper
184 100
185 117.1 11.4 17.0#
183 16.4 9.6 14.4#



#79
Terphenyl-d14
Concen: 75.888 ng
RT: 20.022 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion:244 Resp: 3250683
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 7.9 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.115 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013895.D

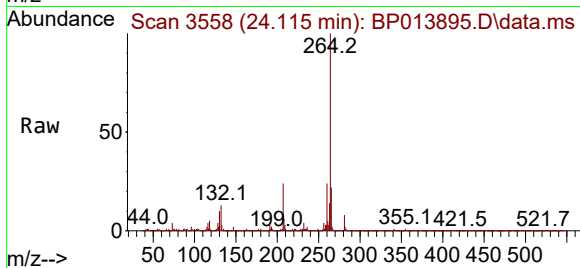
Acq: 28 Feb 2023 18:21

Instrument :

BNA_P

ClientSampleId :

HH-CON-5



Tgt Ion:264 Resp: 983965

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 22.0 17.6 26.4

