

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
 Data File : BP013945.D
 Acq On : 03 Mar 2023 15:24
 Operator : CG/JU
 Sample : 01763-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CM-A-CRUSHED-MASONRY-PILE-1

Quant Time: Mar 04 00:56:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

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

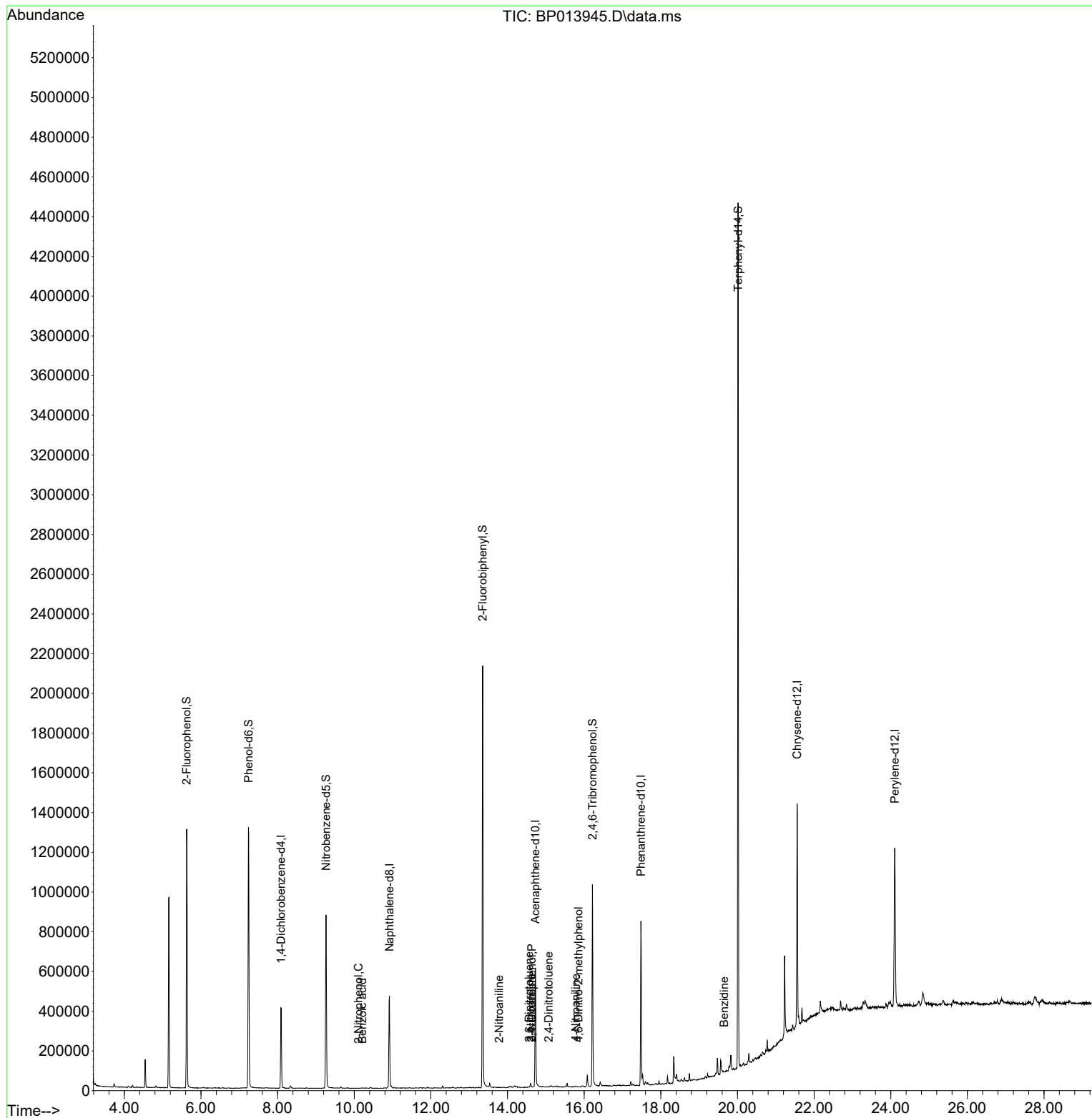
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	105983	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	368835	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	217397	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	487657	20.000	ng	0.00
76) Chrysene-d12	21.557	240	564217	20.000	ng	-0.01
86) Perylene-d12	24.104	264	668684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	521891	81.158	ng	0.00
7) Phenol-d6	7.240	99	724793	88.005	ng	-0.01
23) Nitrobenzene-d5	9.263	82	493251	72.215	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	199050	62.899	ng	-0.01
45) 2-Fluorobiphenyl	13.352	172	1070879	64.700	ng	0.00
79) Terphenyl-d14	20.016	244	1968763	67.135	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.111	139	34	2.778	ng	96
32) Benzoic acid	10.211	122	55	5.087	ng	# 1
48) 2-Nitroaniline	13.781	65	83	3.250	ng	# 26
51) 2,6-Dinitrotoluene	14.563	165	61	2.003	ng	90
53) 3-Nitroaniline	14.616	138	29	2.015	ng	# 1
54) 2,4-Dinitrophenol	14.634	184	21	5.270	ng	90
57) 2,4-Dinitrotoluene	15.075	165	71	2.294	ng	# 54
62) 4-Nitroaniline	15.781	138	17	2.551	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.851	198	6	4.625	ng	# 1
77) Benzidine	19.651	184	28	2.285	ng	# 1

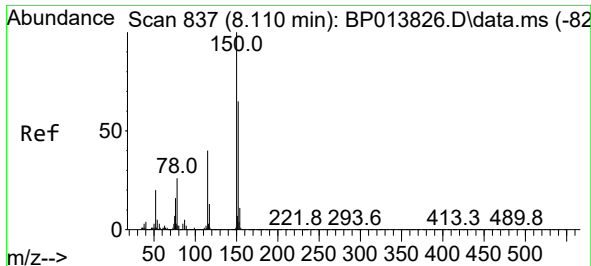
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013945.D
Acq On : 03 Mar 2023 15:24
Operator : CG/JU
Sample : 01763-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

Quant Time: Mar 04 00:56:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 02 04:26:35 2023
Response via : Initial Calibration

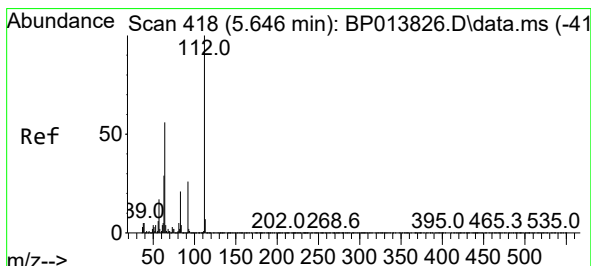
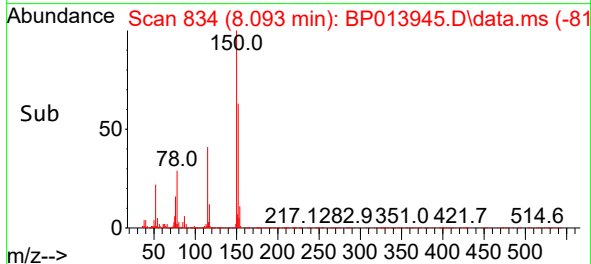
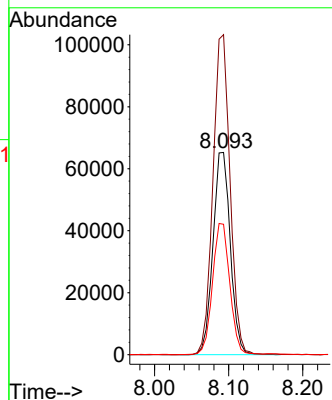
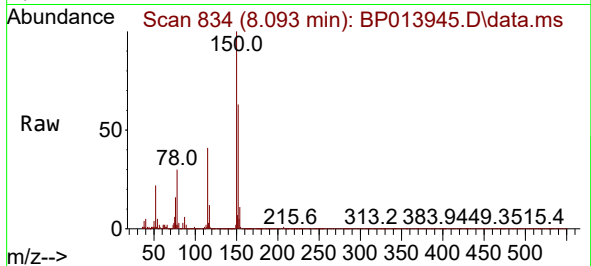




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

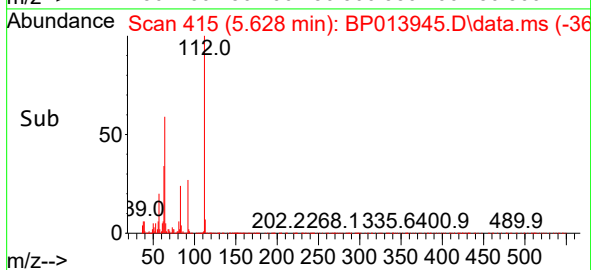
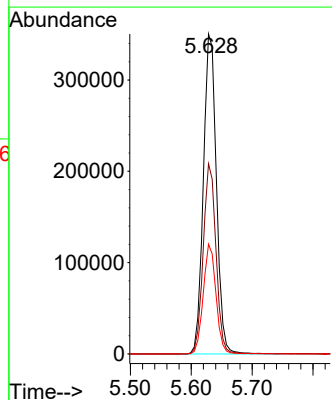
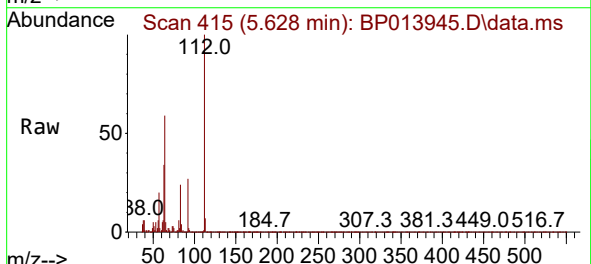
Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

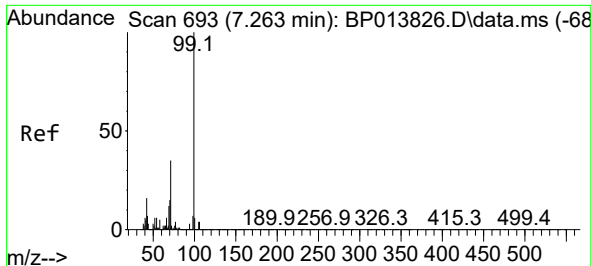
Tgt Ion:152 Resp: 105983
Ion Ratio Lower Upper
152 100
150 158.3 122.8 184.2
115 64.5 49.0 73.6



#5
2-Fluorophenol
Concen: 81.158 ng
RT: 5.628 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

Tgt Ion:112 Resp: 521891
Ion Ratio Lower Upper
112 100
64 59.4 44.6 66.8
63 34.3 23.6 35.4

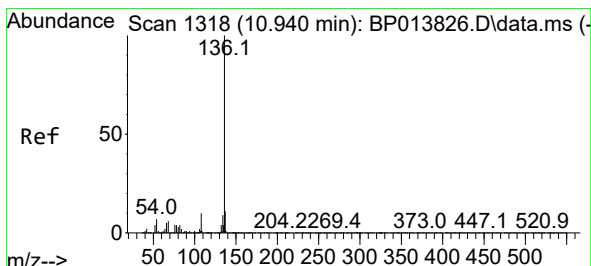
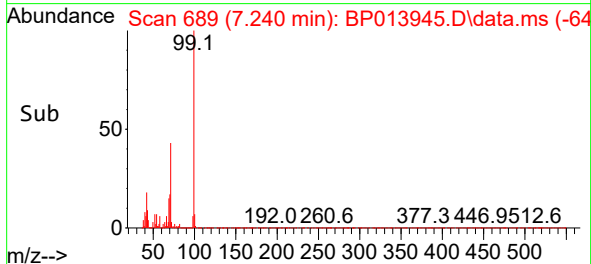
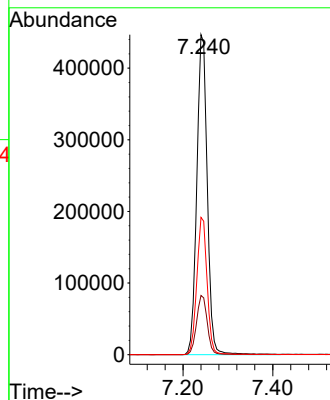
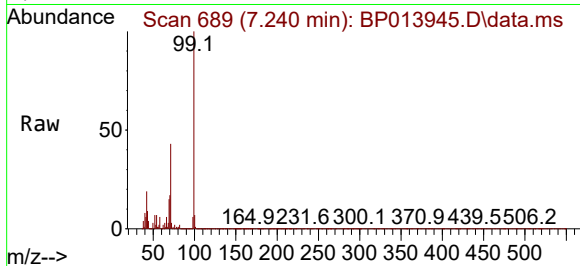




#7
Phenol-d6
Concen: 88.005 ng
RT: 7.240 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

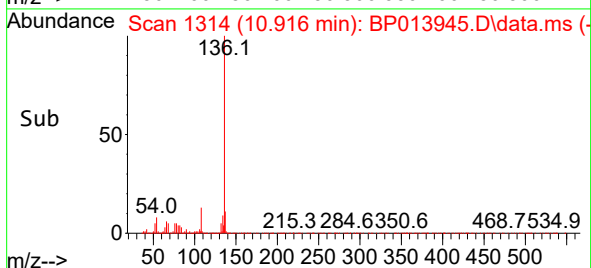
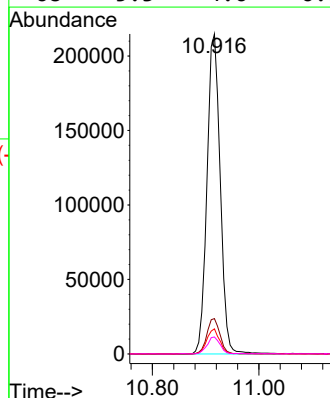
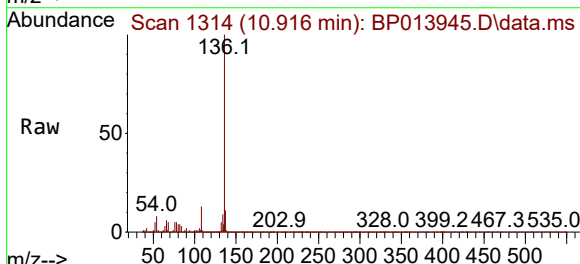
Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

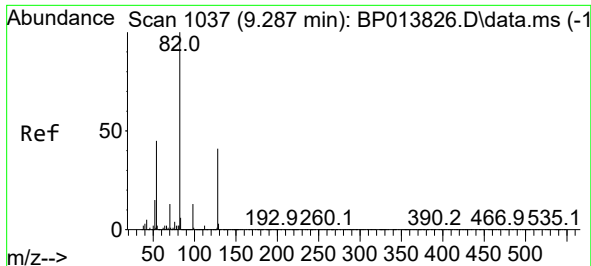
Tgt Ion: 99 Resp: 724793
Ion Ratio Lower Upper
99 100
42 18.5 12.5 18.7
71 42.9 27.8 41.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

Tgt Ion: 136 Resp: 368835
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.9 5.8 8.6
68 5.3 4.6 6.8

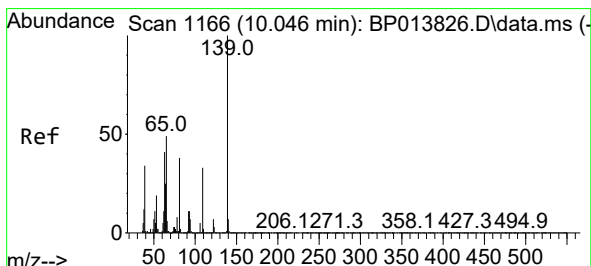
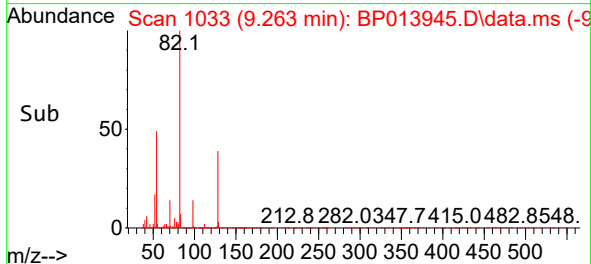
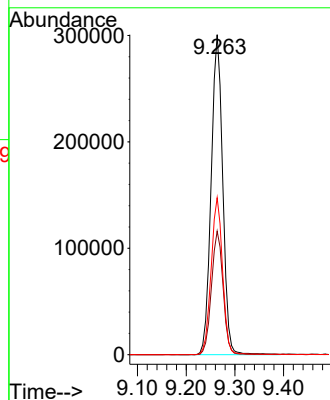
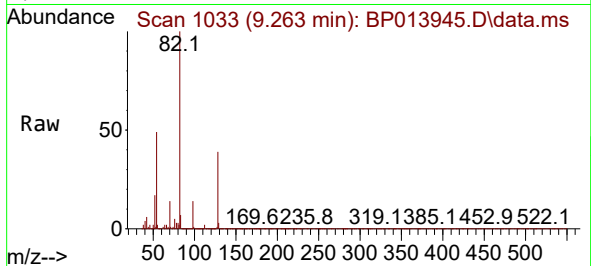




#23
Nitrobenzene-d5
Concen: 72.215 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

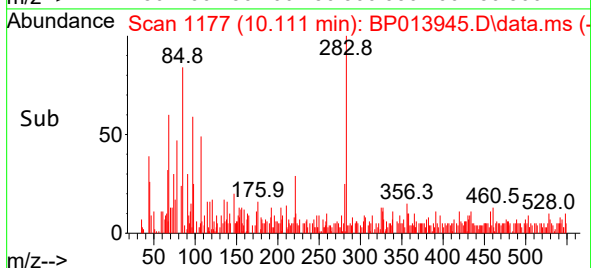
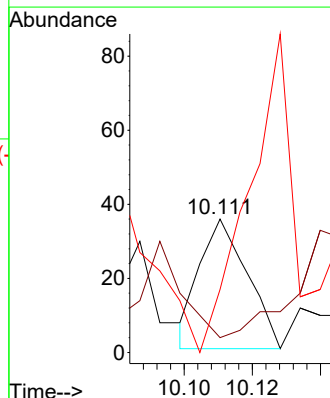
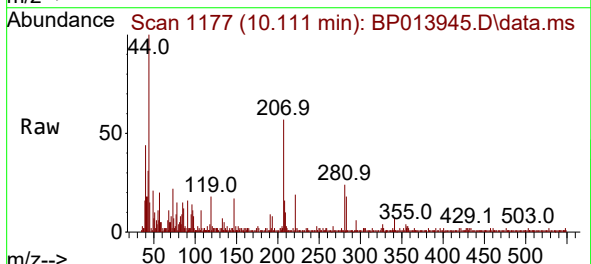
Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

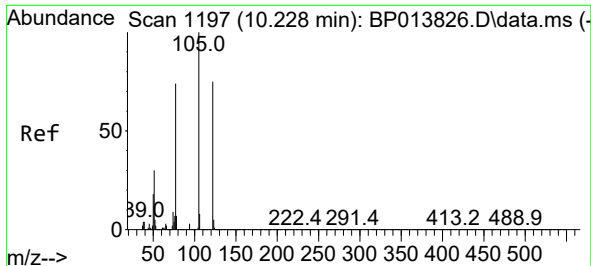
Tgt Ion: 82 Resp: 493251
Ion Ratio Lower Upper
82 100
128 38.6 32.9 49.3
54 49.1 35.6 53.4



#26
2-Nitrophenol
Concen: 2.778 ng
RT: 10.111 min Scan# 1177
Delta R.T. 0.083 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

Tgt Ion:139 Resp: 34
Ion Ratio Lower Upper
139 100
109 36.1 26.7 40.1
65 47.2 39.4 59.2

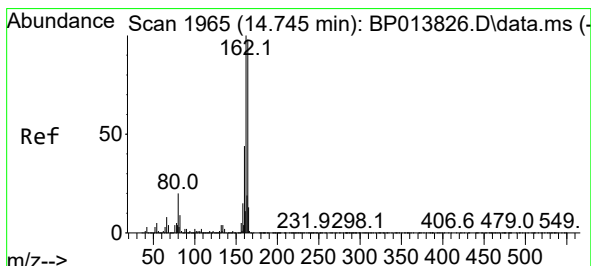
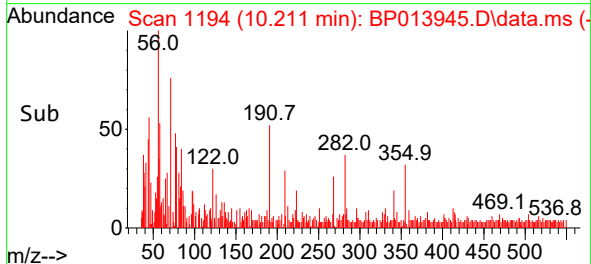
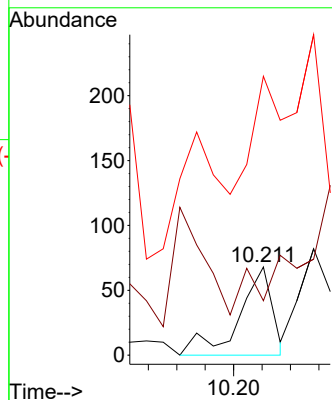
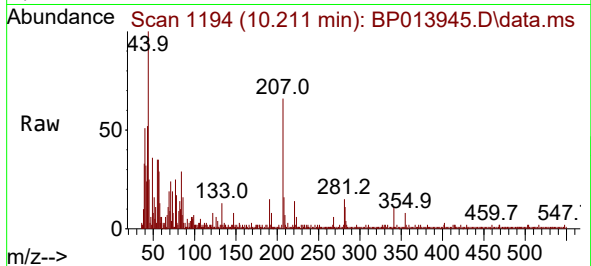




#32
Benzoic acid
Concen: 5.087 ng
RT: 10.211 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

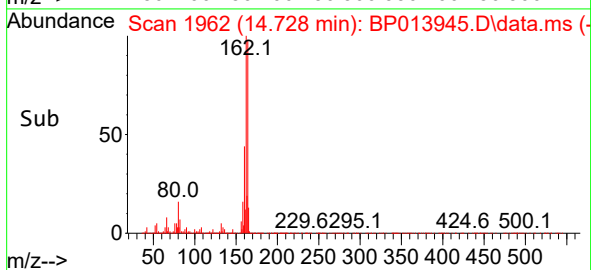
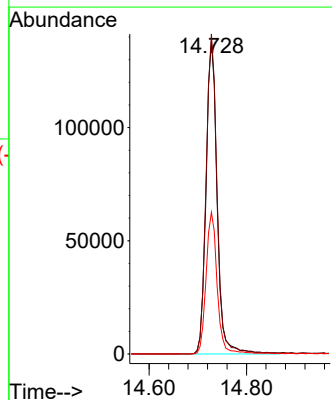
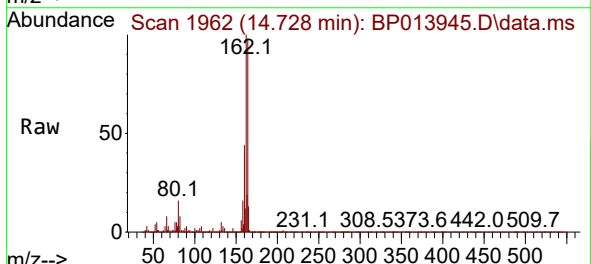
Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

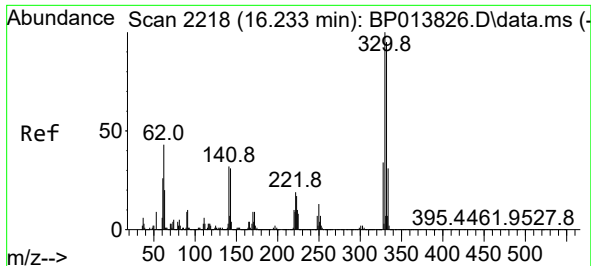
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 61.8 107.4 147.4#
77 316.2 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

Tgt Ion:164 Resp: 217397
Ion Ratio Lower Upper
164 100
162 102.4 81.7 122.5
160 45.3 36.1 54.1

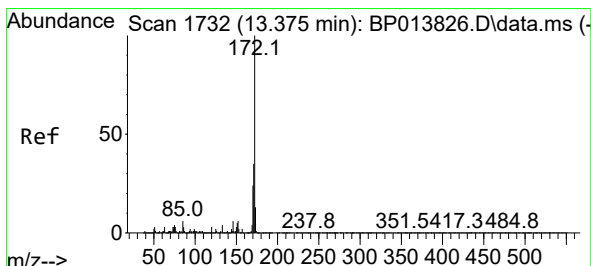
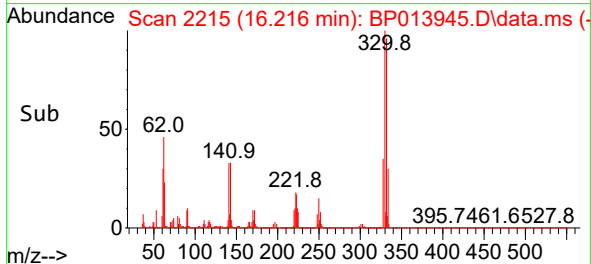
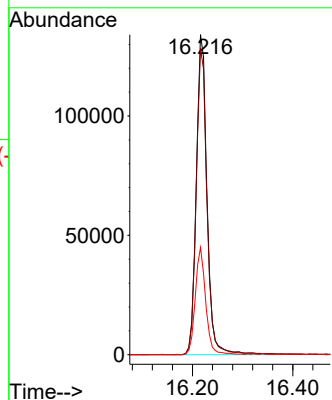
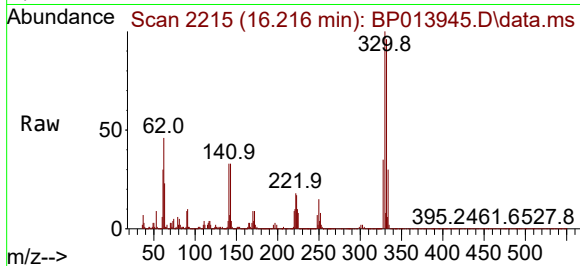




#42
2,4,6-Tribromophenol
Concen: 62.899 ng
RT: 16.216 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

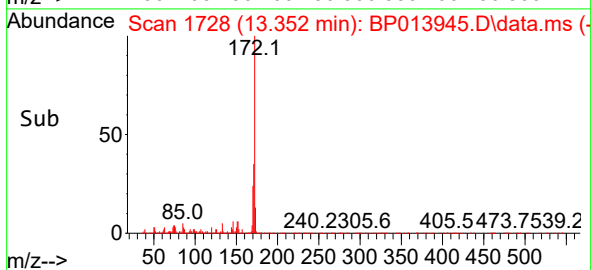
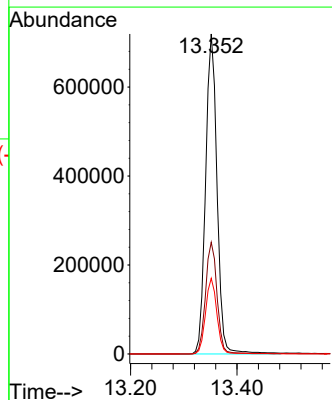
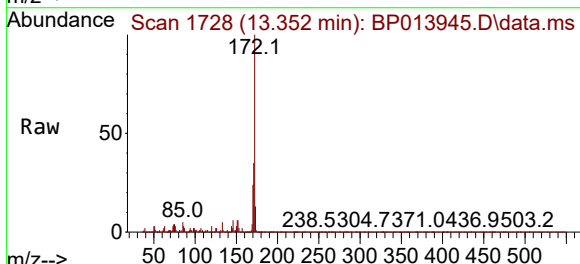
Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

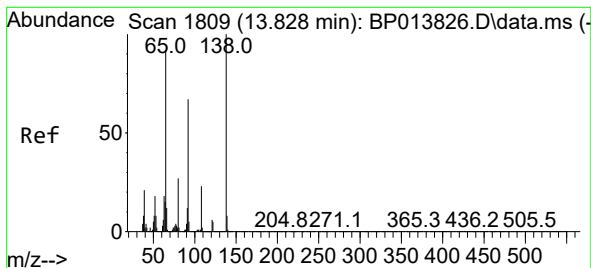
Tgt Ion:330 Resp: 199050
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 32.4 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 64.700 ng
RT: 13.352 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

Tgt Ion:172 Resp: 1070879
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.6 19.0 28.4

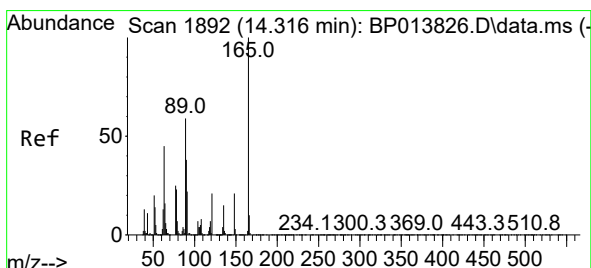
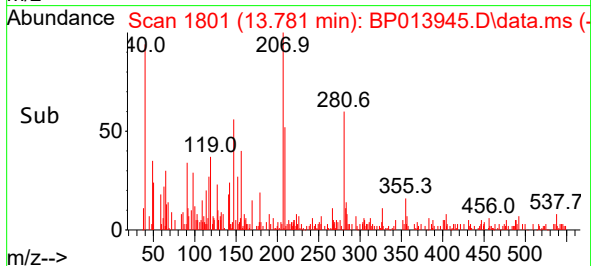
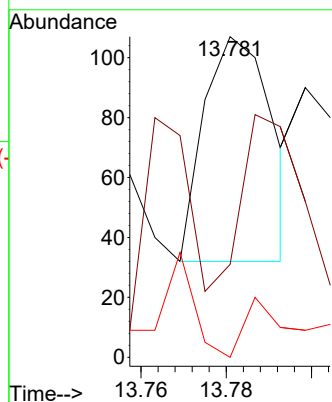
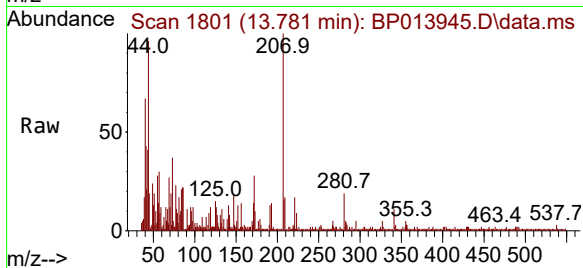




#48
2-Nitroaniline
Concen: 3.250 ng
RT: 13.781 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

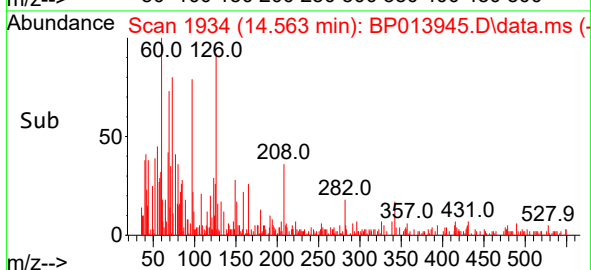
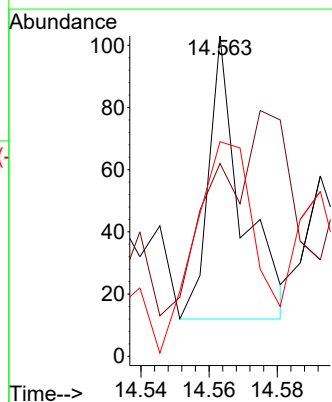
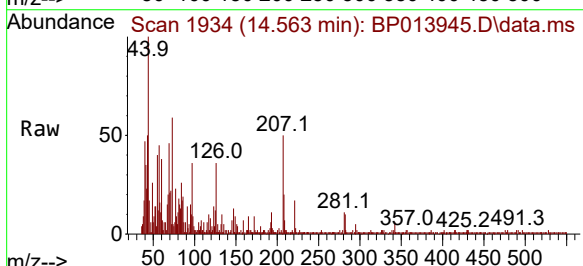
Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

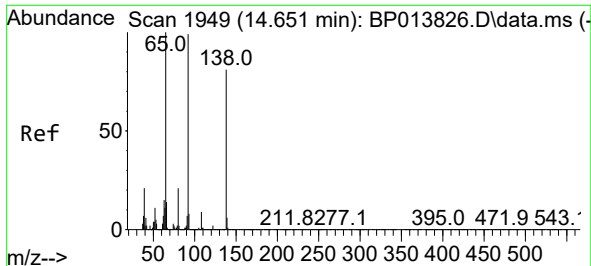
Tgt Ion: 65 Resp: 83
Ion Ratio Lower Upper
65 100
92 47.7 58.7 88.1#
138 0.0 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.003 ng
RT: 14.563 min Scan# 1934
Delta R.T. 0.253 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

Tgt Ion:165 Resp: 61
Ion Ratio Lower Upper
165 100
63 60.2 42.6 63.8
89 67.0 47.1 70.7

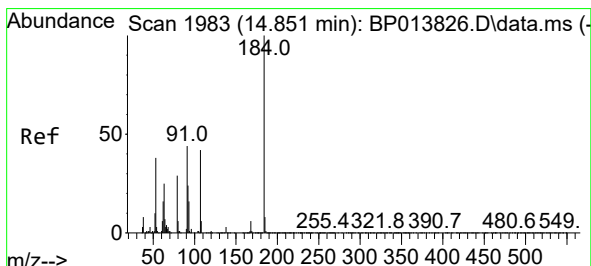
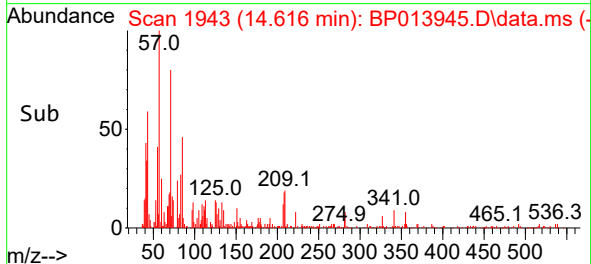
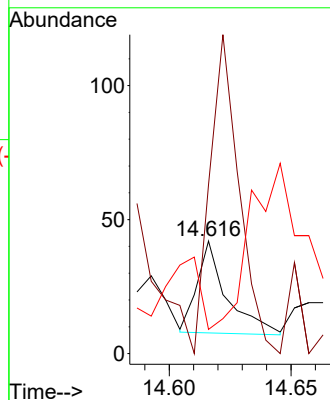
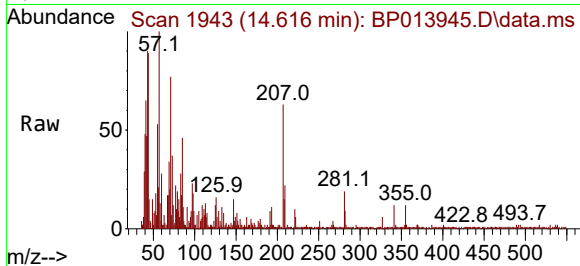




#53
3-Nitroaniline
Concen: 2.015 ng
RT: 14.616 min Scan# 1943
Delta R.T. -0.023 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

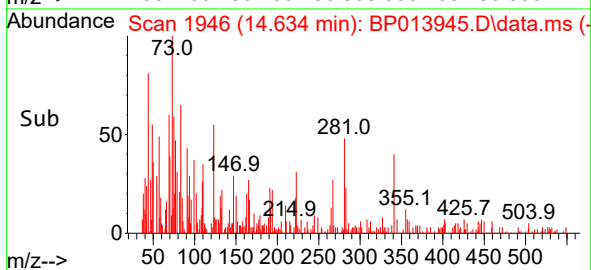
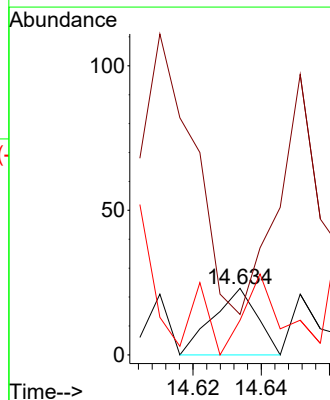
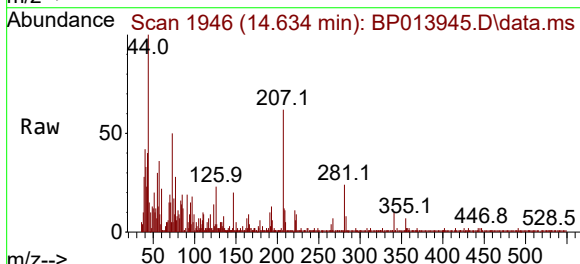
Instrument : BNA_P
ClientSampleId : CM-A-CRUSHED-MASONRY-PILE-1

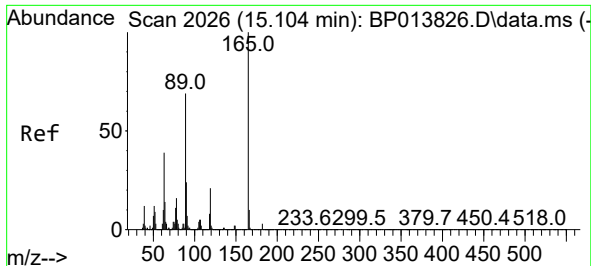
Tgt Ion:138 Resp: 29
Ion Ratio Lower Upper
138 100
108 150.0 9.0 13.4#
92 21.4 97.1 145.7#



#54
2,4-Dinitrophenol
Concen: 5.270 ng
RT: 14.634 min Scan# 1946
Delta R.T. -0.206 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 60.9 47.0 70.4
154 52.2 51.5 77.3

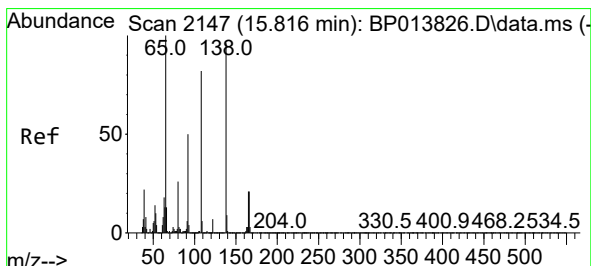
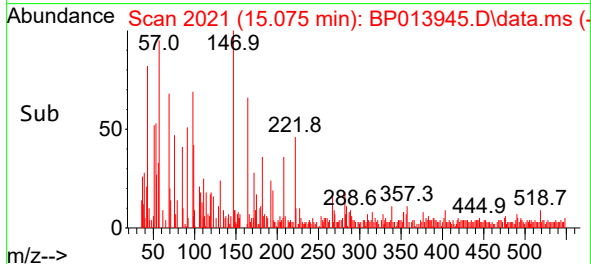
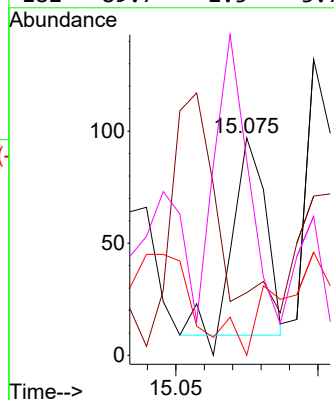
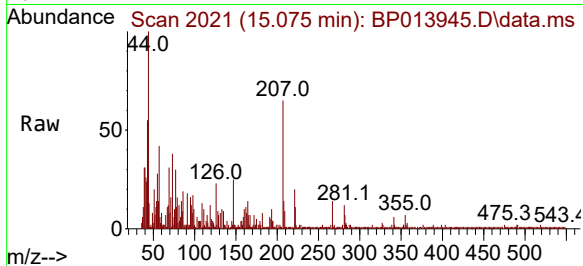




#57
2,4-Dinitrotoluene
Concen: 2.294 ng
RT: 15.075 min Scan# 2021
Delta R.T. -0.018 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

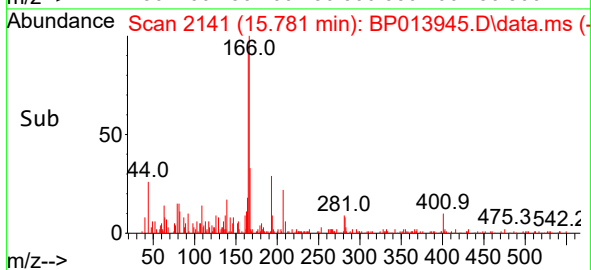
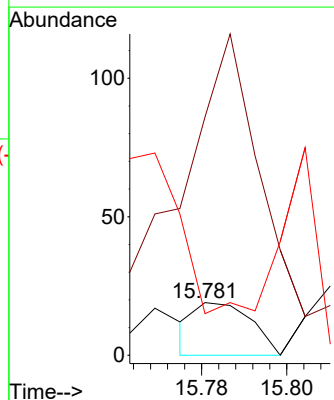
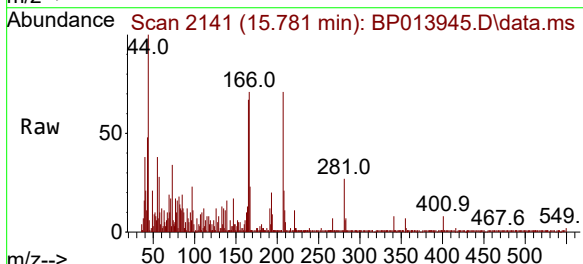
Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

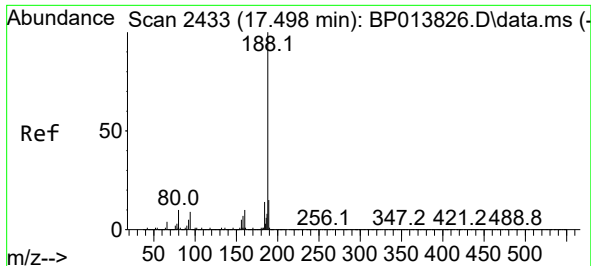
Tgt Ion:	165	Resp:	71
Ion	Ratio	Lower	Upper
165	100		
63	28.9	31.1	46.7#
89	25.8	54.9	82.3#
182	89.7	2.5	3.7#



#62
4-Nitroaniline
Concen: 2.551 ng
RT: 15.781 min Scan# 2141
Delta R.T. -0.023 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

Tgt Ion:	138	Resp:	17
Ion	Ratio	Lower	Upper
138	100		
92	452.6	32.0	72.0#
108	78.9	65.6	105.6

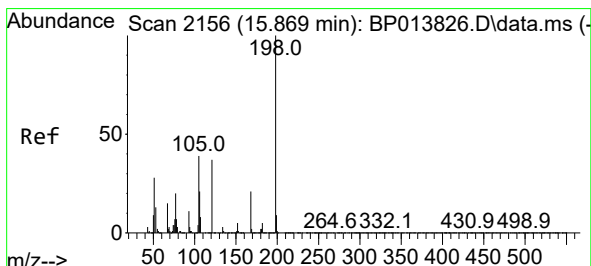
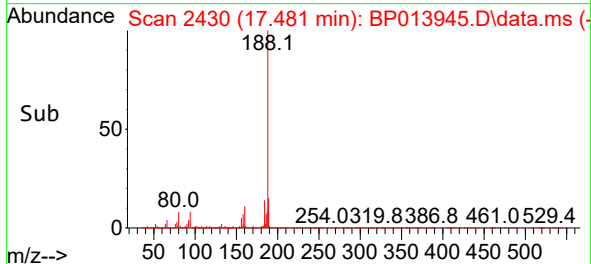
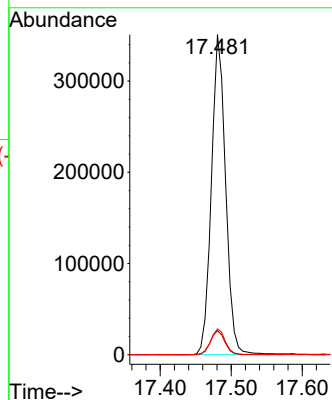
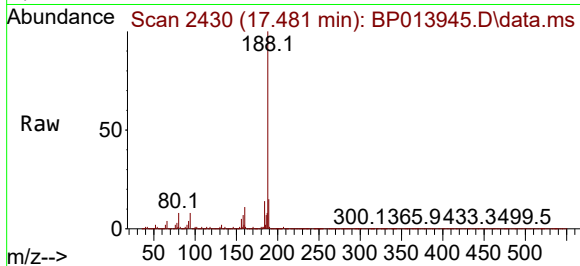




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

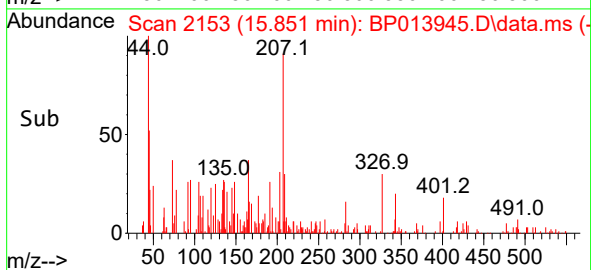
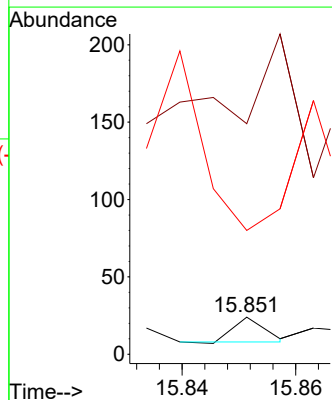
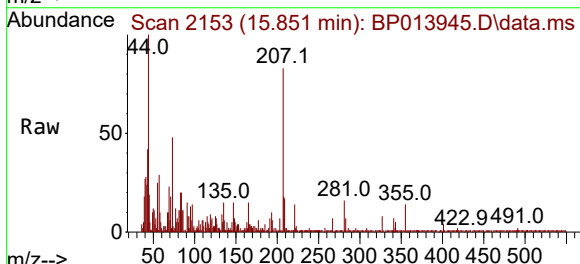
Instrument :
BNA_P
ClientSampleId :
CM-A-CRUSHED-MASONRY-PILE-1

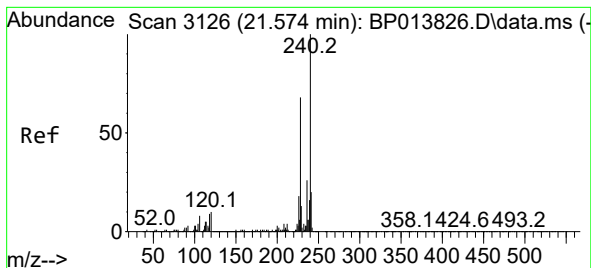
Tgt Ion:188 Resp: 487657
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.1 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.625 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP013945.D
Acq: 03 Mar 2023 15:24

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 620.8 14.3 54.3#
105 404.2 20.5 60.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.557 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013945.D

Acq: 03 Mar 2023 15:24

Instrument :

BNA_P

ClientSampleId :

CM-A-CRUSHED-MASONRY-PILE-1

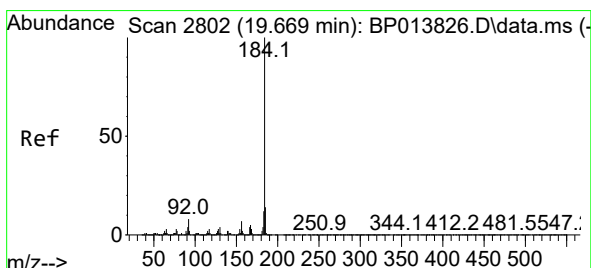
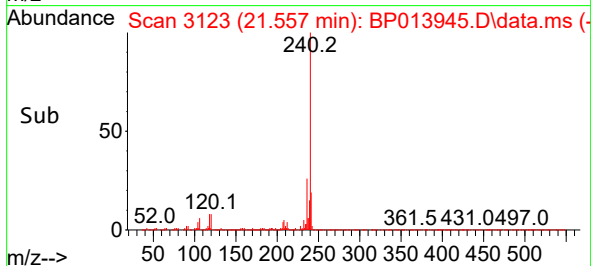
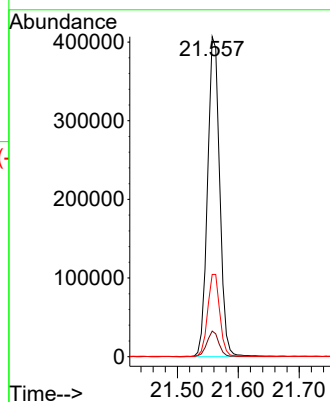
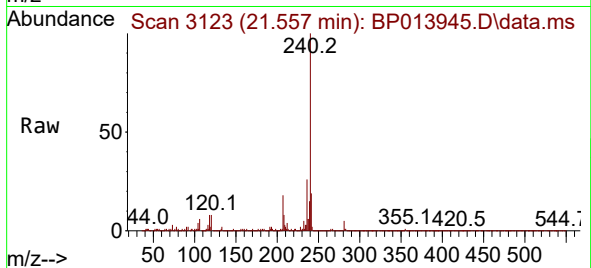
Tgt Ion:240 Resp: 564217

Ion Ratio Lower Upper

240 100

120 8.0 7.9 11.9

236 25.7 20.9 31.3



#77

Benzidine

Concen: 2.285 ng

RT: 19.651 min Scan# 2799

Delta R.T. -0.006 min

Lab File: BP013945.D

Acq: 03 Mar 2023 15:24

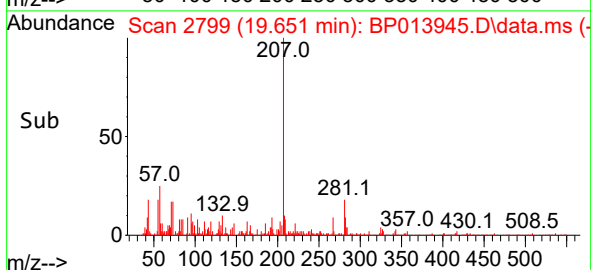
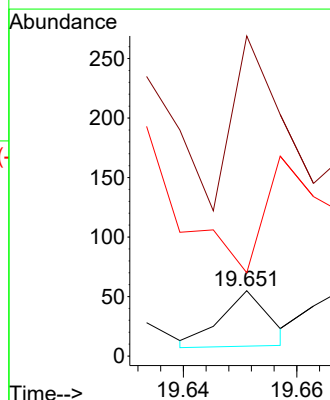
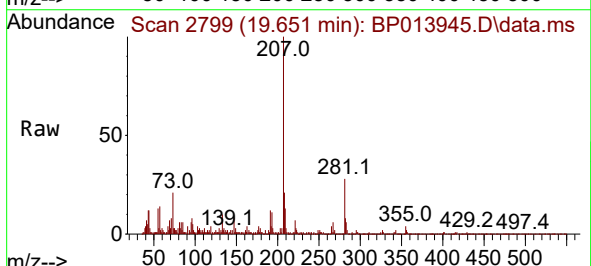
Tgt Ion:184 Resp: 28

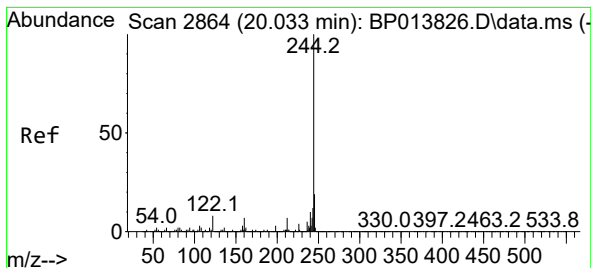
Ion Ratio Lower Upper

184 100

185 489.1 11.4 17.0#

183 127.3 9.6 14.4#





#79

Terphenyl-d14

Concen: 67.135 ng

RT: 20.016 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013945.D

Acq: 03 Mar 2023 15:24

Instrument :

BNA_P

ClientSampleId :

CM-A-CRUSHED-MASONRY-PILE-1

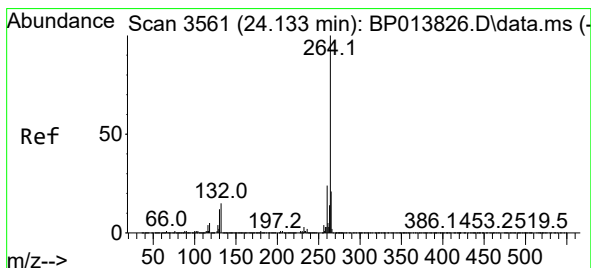
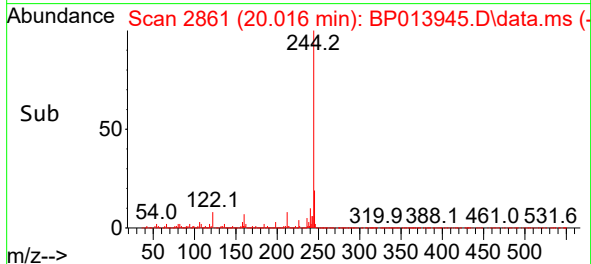
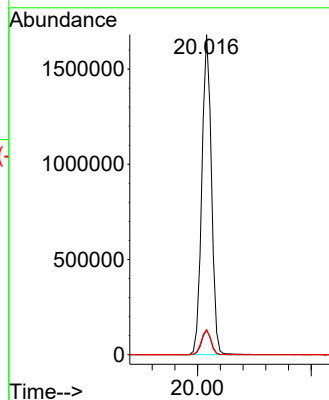
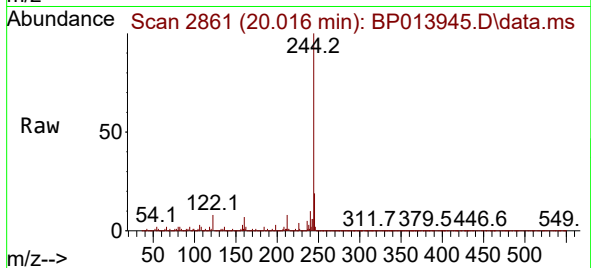
Tgt Ion:244 Resp: 1968763

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 7.8 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.104 min Scan# 3556

Delta R.T. -0.006 min

Lab File: BP013945.D

Acq: 03 Mar 2023 15:24

Tgt Ion:264 Resp: 668684

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 23.0 17.6 26.4

