

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014319.D
 Acq On : 27 Mar 2023 18:58
 Operator : CG/JU
 Sample : 02070-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOILPILE-2-0323

Quant Time: Mar 28 02:11:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

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

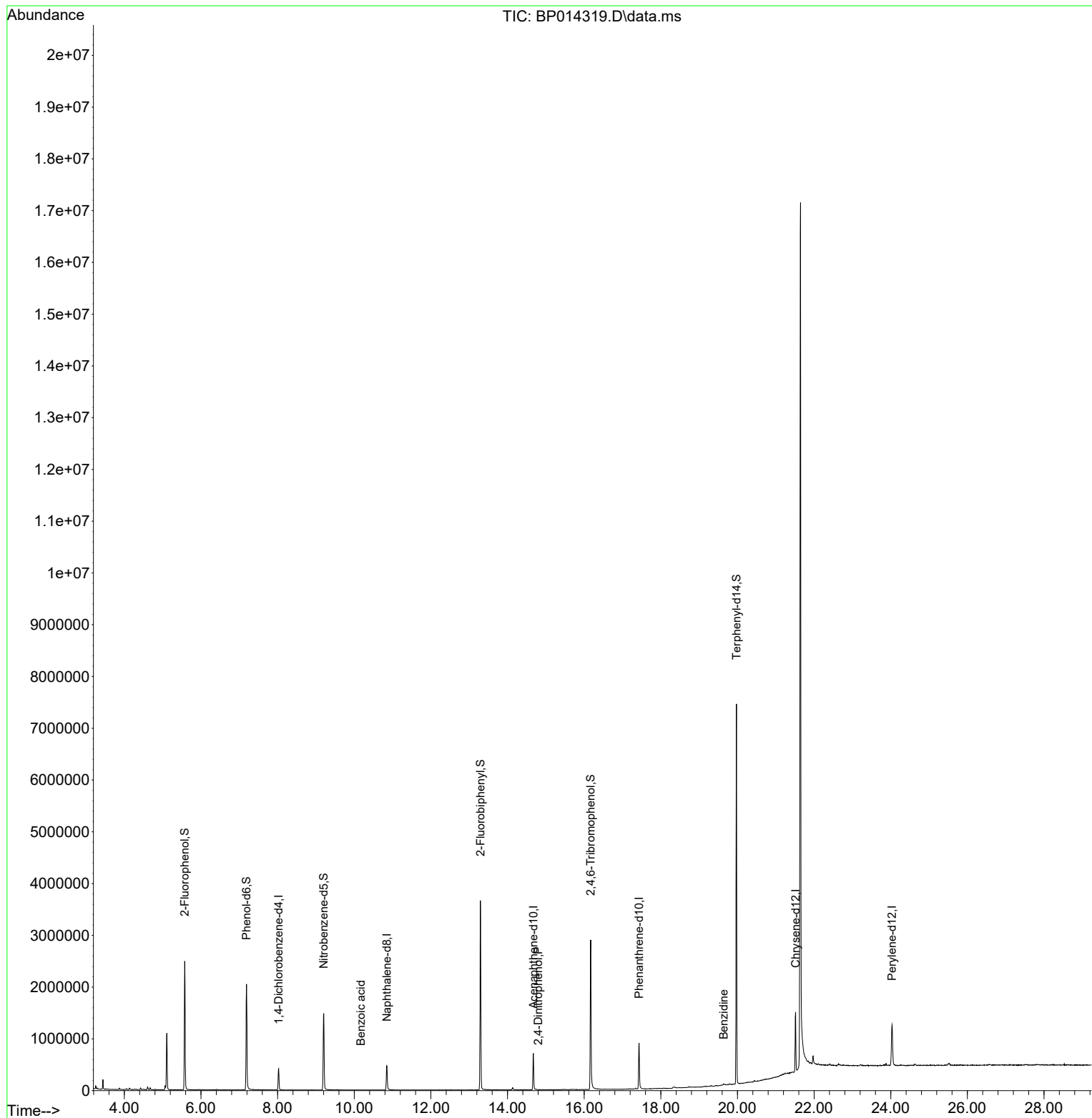
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	104900	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	391099	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	238816	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	547069	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	570623	20.000	ng	0.00
86) Perylene-d12	24.033	264	650752	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	964546	149.118	ng	0.00
7) Phenol-d6	7.187	99	1170346	137.810	ng	0.00
23) Nitrobenzene-d5	9.204	82	894778	104.568	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	577259	149.084	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	1787729	96.984	ng	0.00
79) Terphenyl-d14	19.974	244	3351798	96.858	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.169	122	30	2.707	ng	# 1
54) 2,4-Dinitrophenol	14.804	184	19	3.084	ng	# 1
77) Benzidine	19.639	184	26842	4.757	ng	# 90

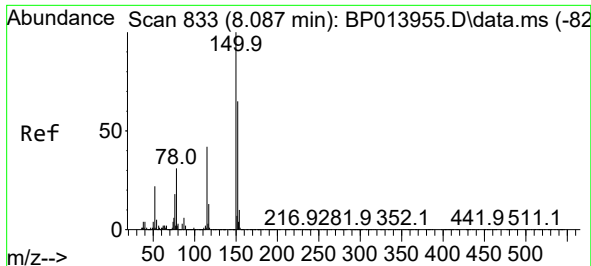
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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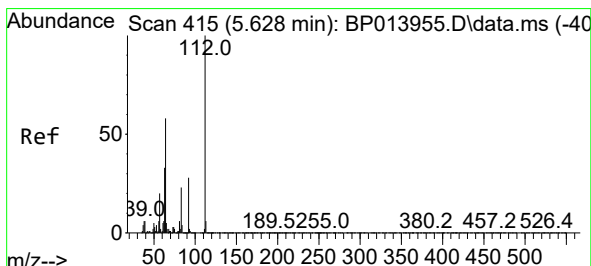
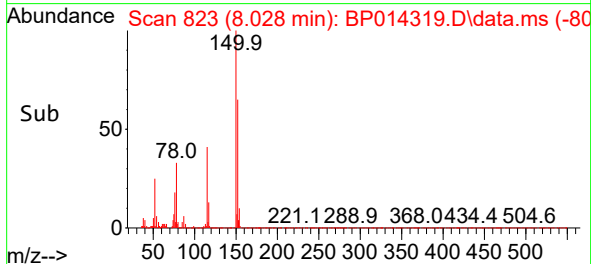
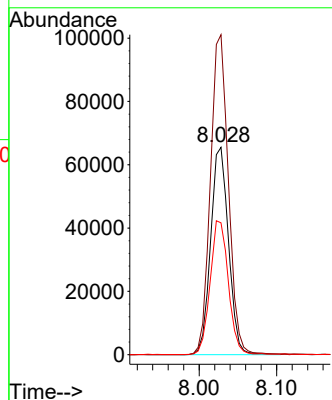
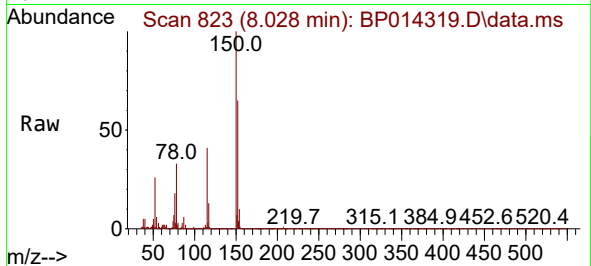




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014319.D
Acq: 27 Mar 2023 18:58

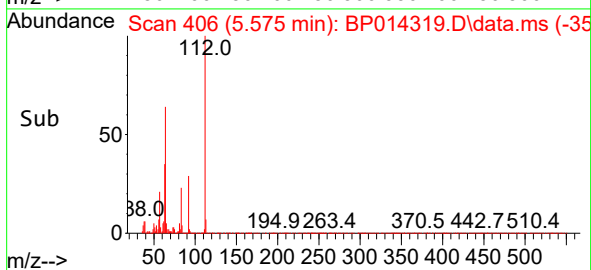
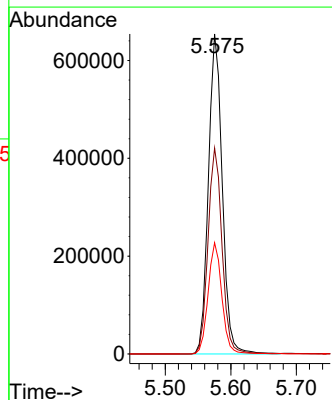
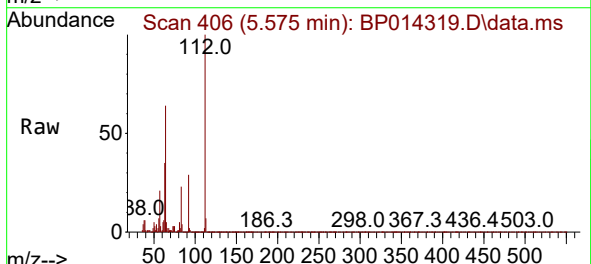
Instrument :
BNA_P
ClientSampleId :
SOILPILE-2-0323

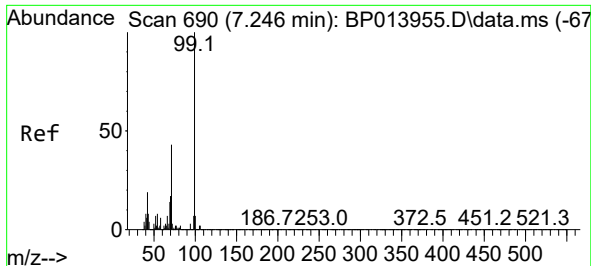
Tgt Ion:152 Resp: 104900
Ion Ratio Lower Upper
152 100
150 154.3 122.3 183.5
115 63.6 51.6 77.4



#5
2-Fluorophenol
Concen: 149.118 ng
RT: 5.575 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP014319.D
Acq: 27 Mar 2023 18:58

Tgt Ion:112 Resp: 964546
Ion Ratio Lower Upper
112 100
64 64.4 46.7 70.1
63 34.7 26.6 40.0

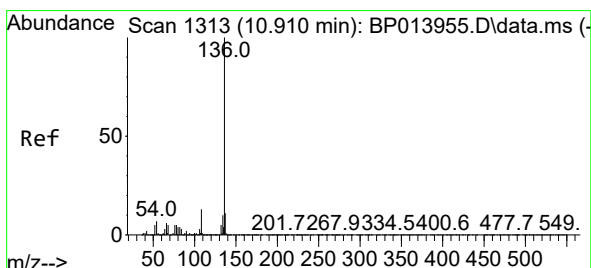
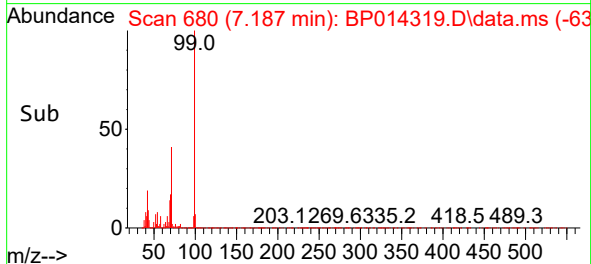
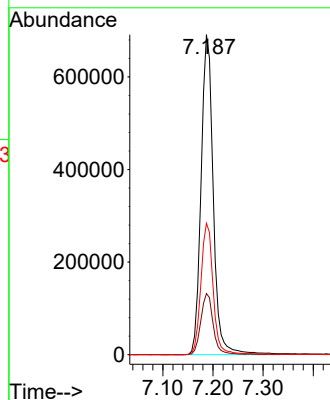
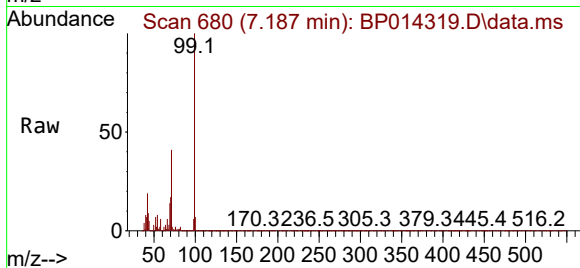




#7
Phenol-d6
Concen: 137.810 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014319.D
Acq: 27 Mar 2023 18:58

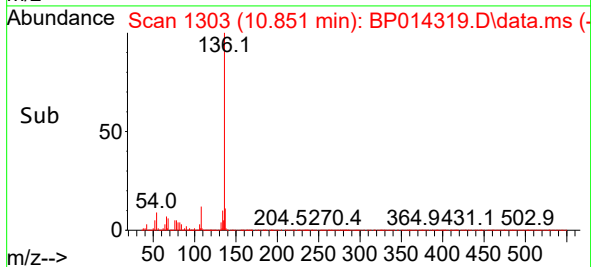
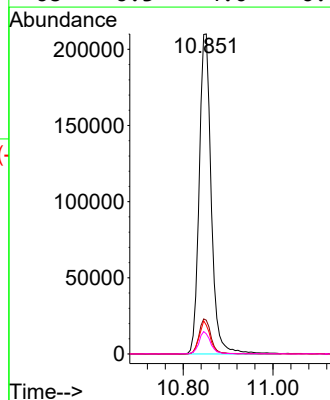
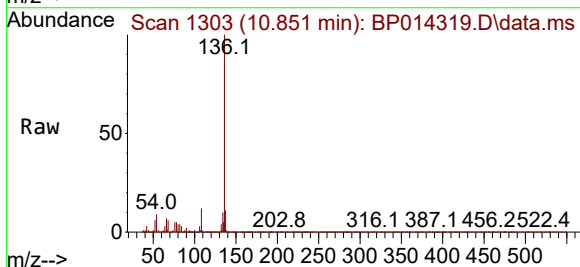
Instrument :
BNA_P
ClientSampleId :
SOILPILE-2-0323

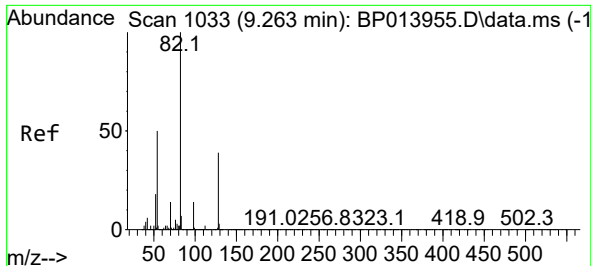
Tgt Ion: 99 Resp: 1170346
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.6
71 41.1 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014319.D
Acq: 27 Mar 2023 18:58

Tgt Ion:136 Resp: 391099
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.0 5.8 8.8#
68 6.3 4.0 6.0#

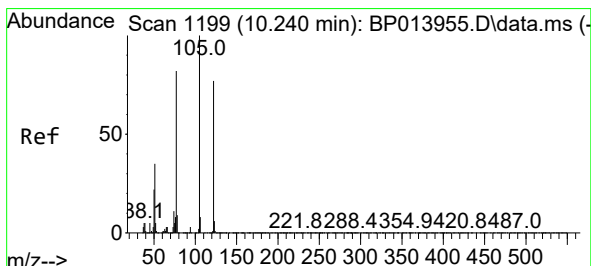
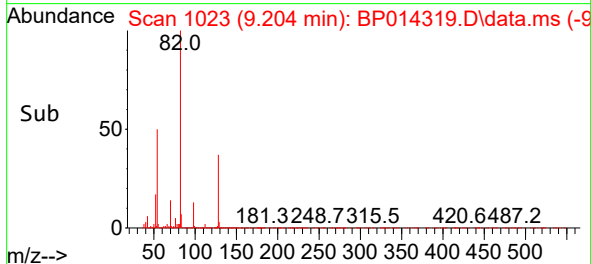
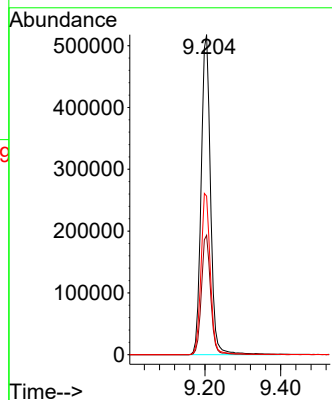
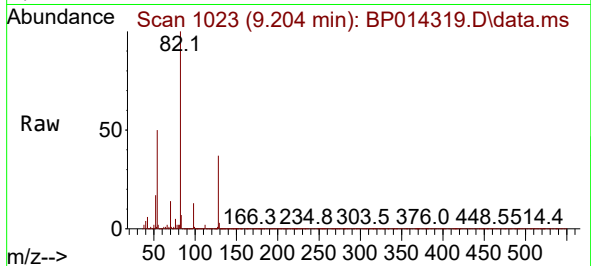




#23
Nitrobenzene-d5
Concen: 104.568 ng
RT: 9.204 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP014319.D
Acq: 27 Mar 2023 18:58

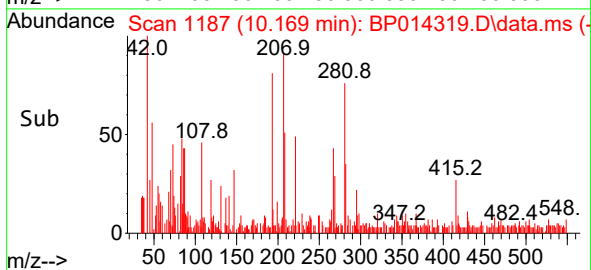
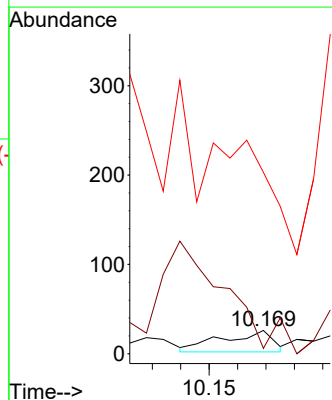
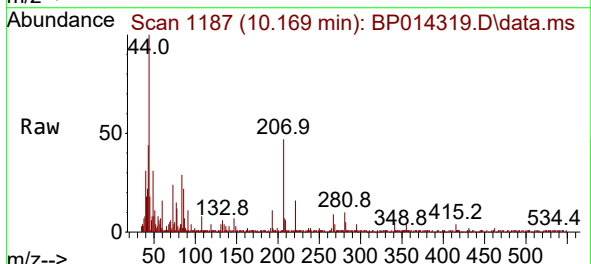
Instrument :
BNA_P
ClientSampleId :
SOILPILE-2-0323

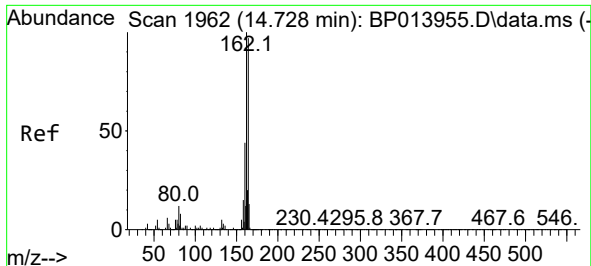
Tgt Ion: 82 Resp: 894778
Ion Ratio Lower Upper
82 100
128 37.3 31.1 46.7
54 49.5 40.0 60.0



#32
Benzoic acid
Concen: 2.707 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP014319.D
Acq: 27 Mar 2023 18:58

Tgt Ion: 122 Resp: 30
Ion Ratio Lower Upper
122 100
105 23.1 108.2 148.2#
77 780.8 85.2 125.2#

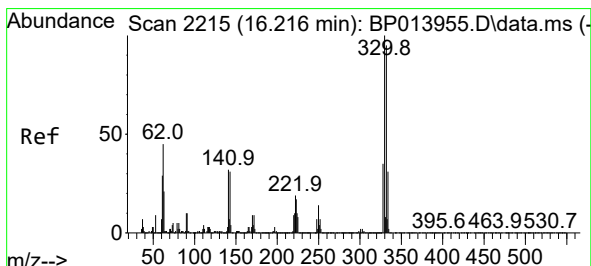
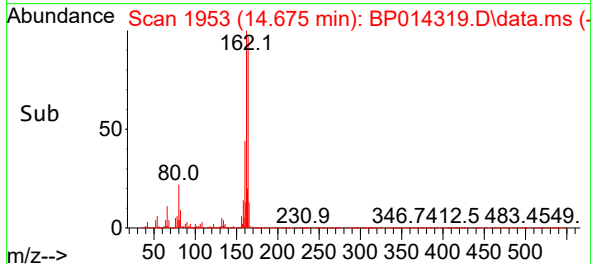
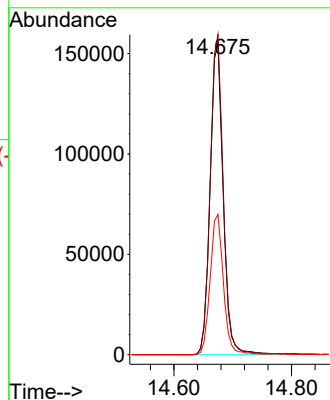
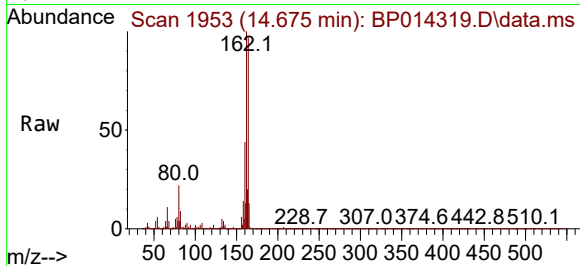




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP014319.D
Acq: 27 Mar 2023 18:58

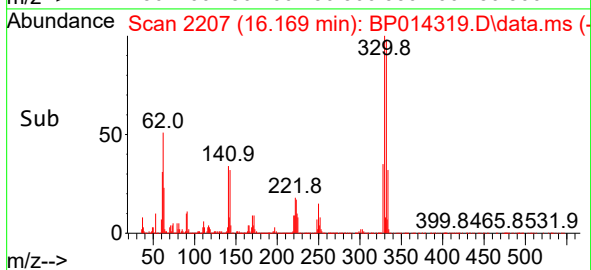
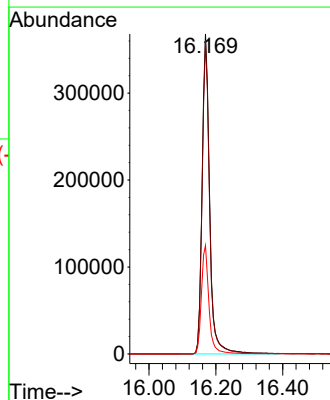
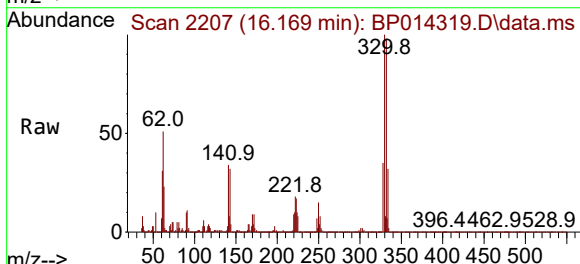
Instrument :
BNA_P
ClientSampleId :
SOILPILE-2-0323

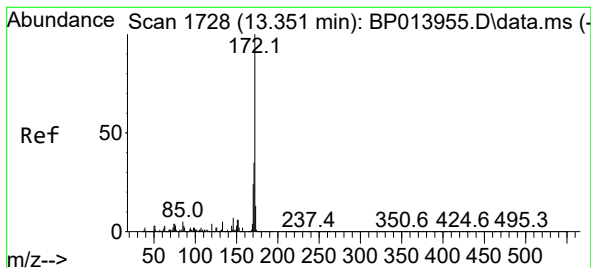
Tgt Ion:164 Resp: 238816
Ion Ratio Lower Upper
164 100
162 102.8 82.1 123.1
160 45.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 149.084 ng
RT: 16.169 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP014319.D
Acq: 27 Mar 2023 18:58

Tgt Ion:330 Resp: 577259
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 34.0 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 96.984 ng

RT: 13.292 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014319.D

Acq: 27 Mar 2023 18:58

Instrument :

BNA_P

ClientSampleId :

SOILPILE-2-0323

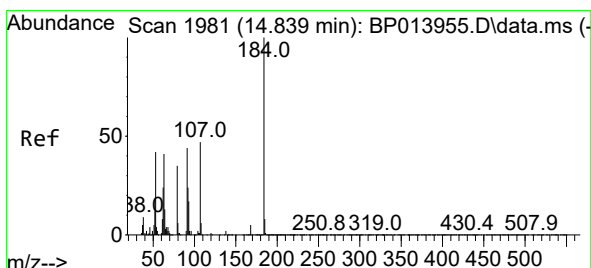
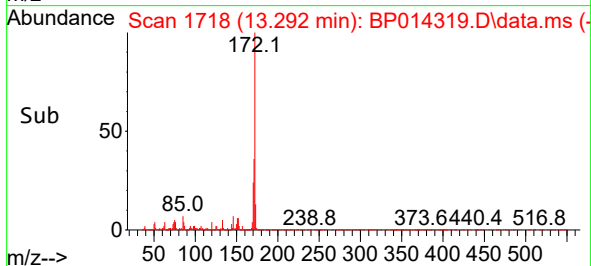
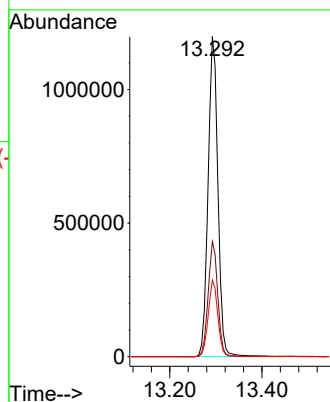
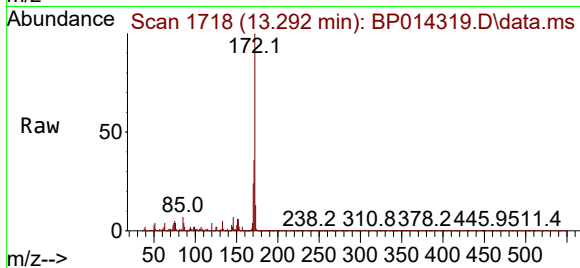
Tgt Ion:172 Resp: 1787729

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.9 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.084 ng

RT: 14.804 min Scan# 1975

Delta R.T. 0.006 min

Lab File: BP014319.D

Acq: 27 Mar 2023 18:58

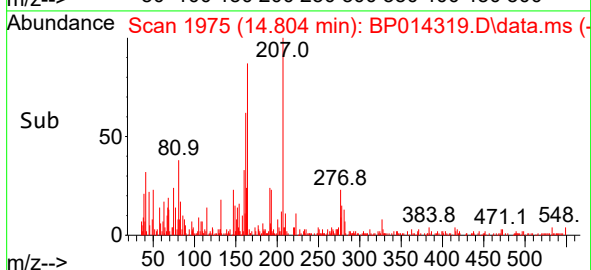
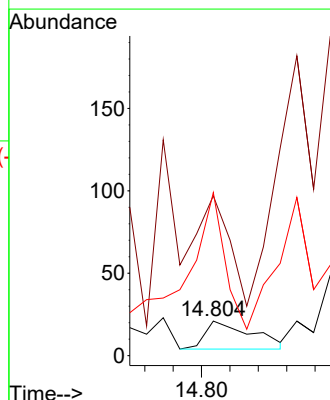
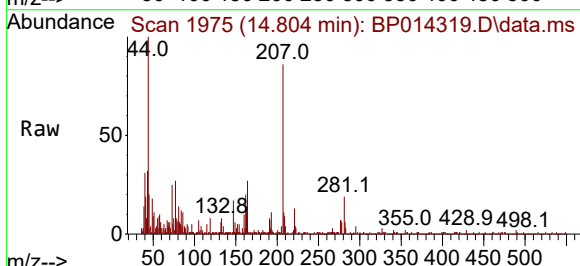
Tgt Ion:184 Resp: 19

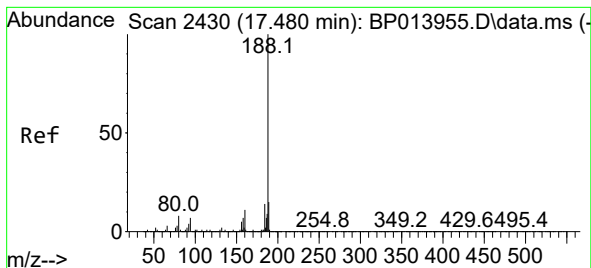
Ion Ratio Lower Upper

184 100

63 500.0 52.4 78.6#

154 471.4 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.433 min Scan# 24

Delta R.T. -0.000 min

Lab File: BP014319.D

Acq: 27 Mar 2023 18:58

Instrument :

BNA_P

ClientSampleId :

SOILPILE-2-0323

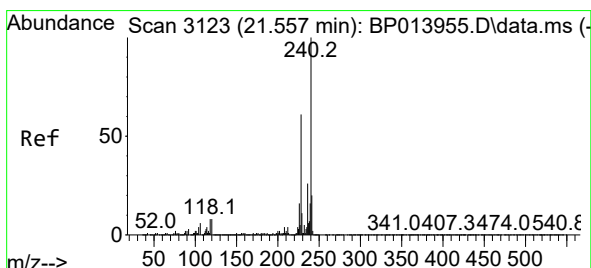
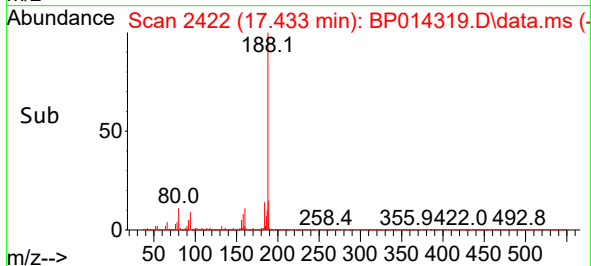
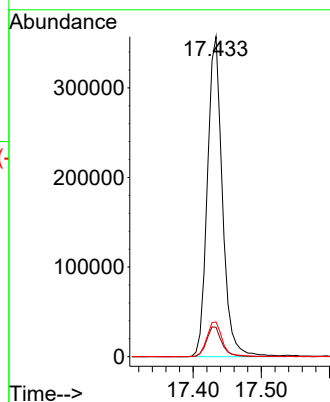
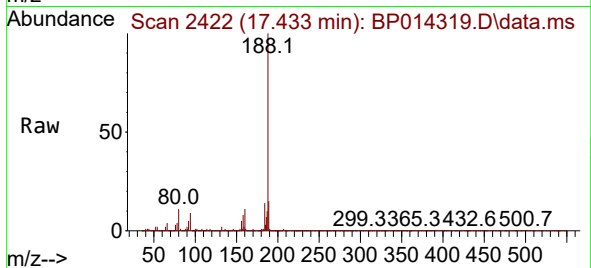
Tgt Ion:188 Resp: 547069

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

80 10.9 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP014319.D

Acq: 27 Mar 2023 18:58

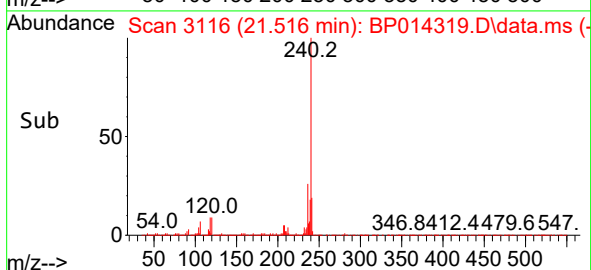
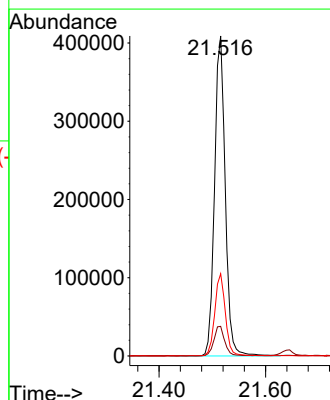
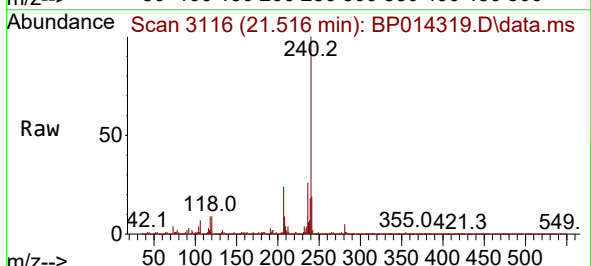
Tgt Ion:240 Resp: 570623

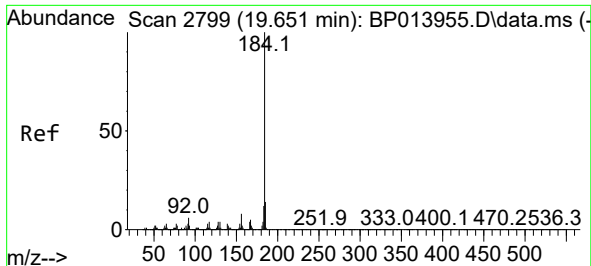
Ion Ratio Lower Upper

240 100

120 9.2 6.4 9.6

236 25.7 21.2 31.8

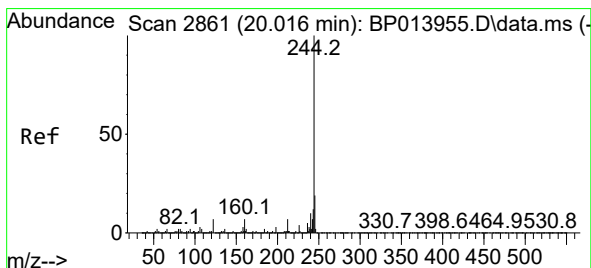
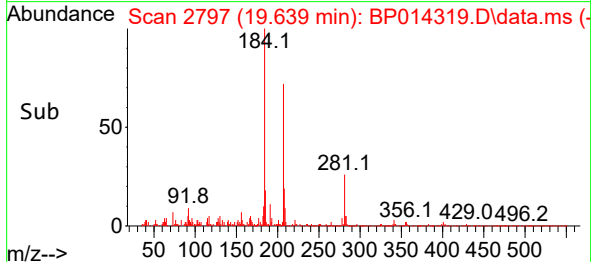
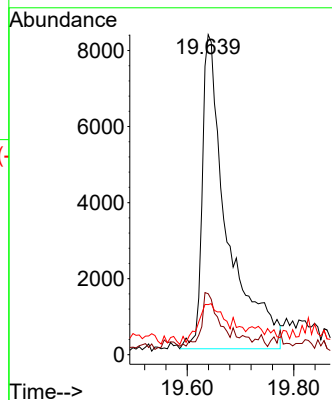
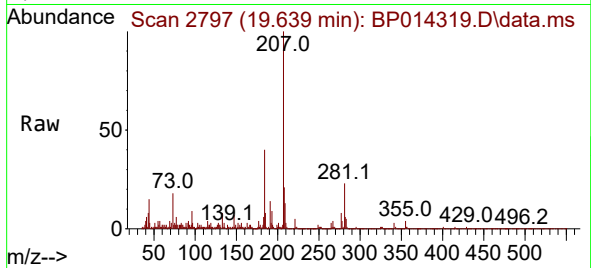




#77
Benzidine
Concen: 4.757 ng
RT: 19.639 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP014319.D
Acq: 27 Mar 2023 18:58

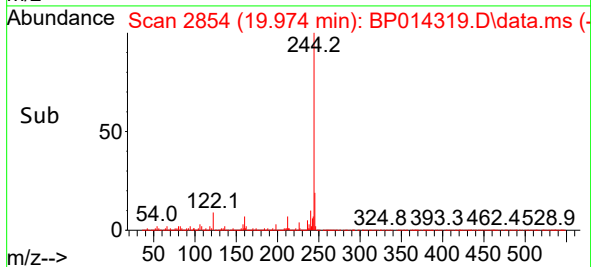
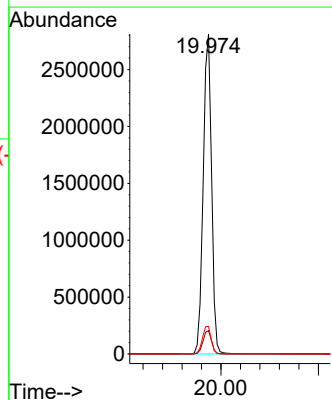
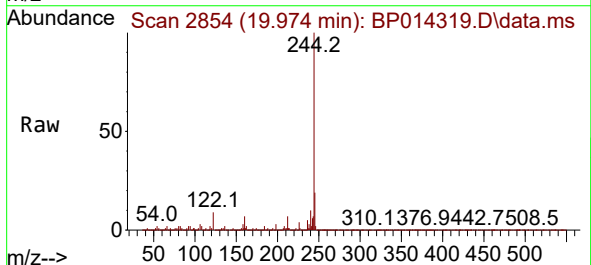
Instrument :
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SOILPILE-2-0323

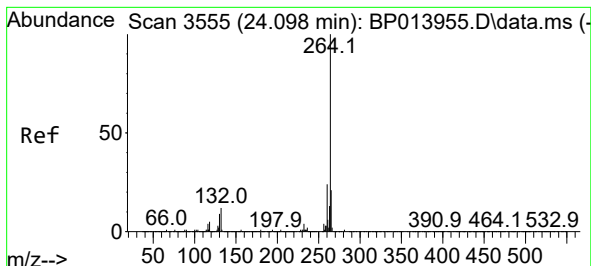
Tgt Ion:184 Resp: 26842
Ion Ratio Lower Upper
184 100
185 19.1 11.6 17.4#
183 15.7 9.7 14.5#



#79
Terphenyl-d14
Concen: 96.858 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BP014319.D
Acq: 27 Mar 2023 18:58

Tgt Ion:244 Resp: 3351798
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 8.6 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP014319.D

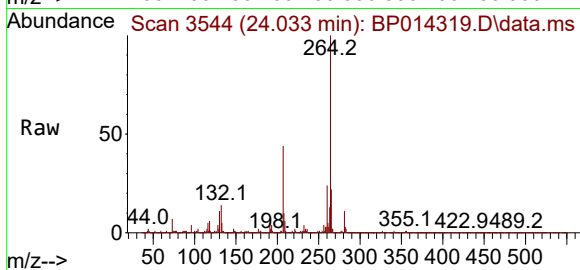
Acq: 27 Mar 2023 18:58

Instrument :

BNA_P

ClientSampleId :

SOILPILE-2-0323



Tgt Ion:264 Resp: 650752

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.2 17.8 26.8

