

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024382.D
 Acq On : 22 Apr 2025 17:25
 Operator : RC/JU
 Sample : Q1850-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-PILE-N-C-LOT

Quant Time: Apr 22 17:49:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

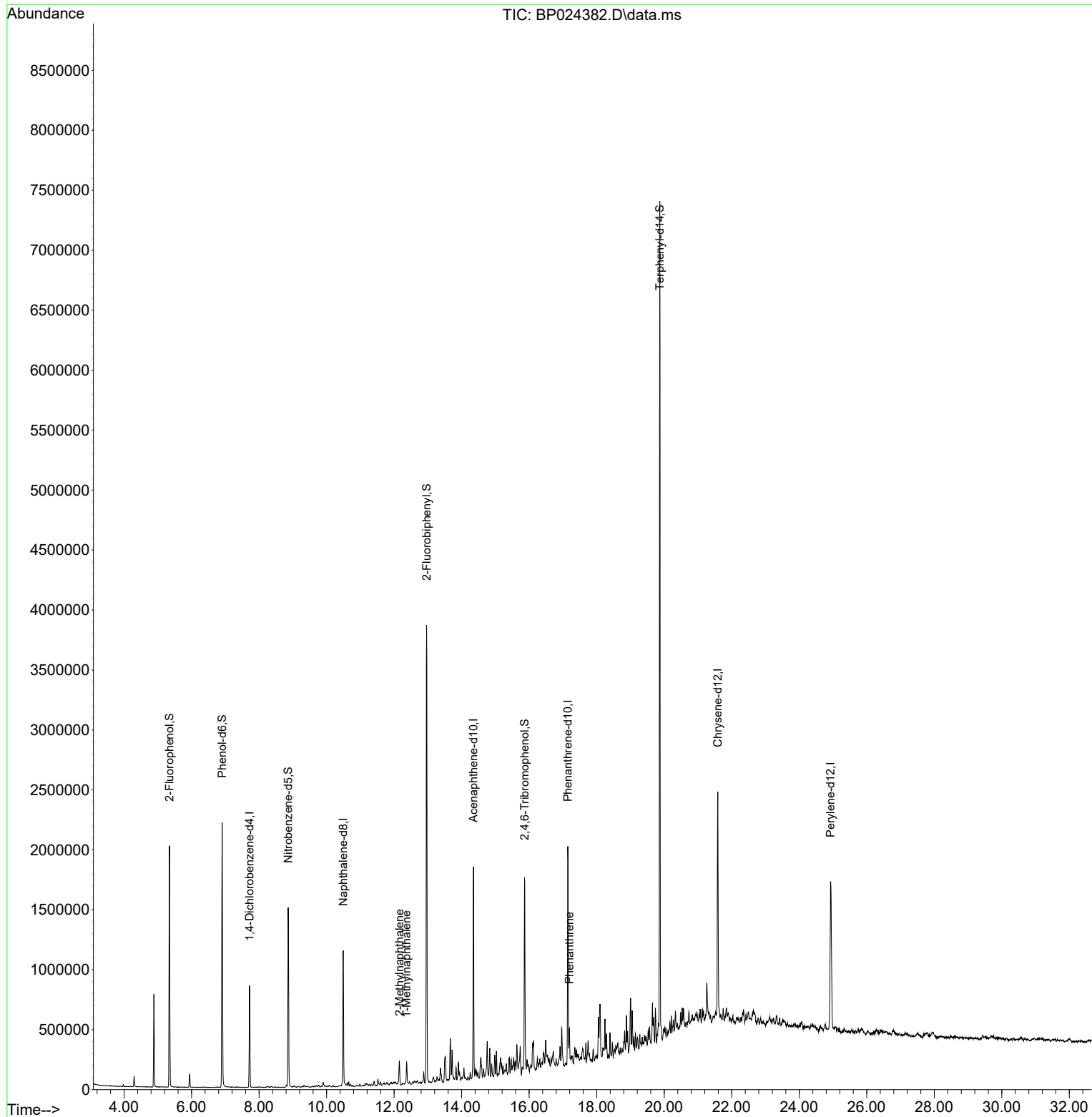
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	227846	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	902028	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	562148	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1042112	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1122510	20.000	ng	0.00
86) Perylene-d12	24.927	264	1350082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	895755	65.004	ng	0.00
7) Phenol-d6	6.905	99	1355016	71.813	ng	0.00
23) Nitrobenzene-d5	8.863	82	877027	55.441	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	338241	43.489	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2056165	56.003	ng	0.00
79) Terphenyl-d14	19.869	244	3263244	58.597	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.157	142	96774	2.937	ng	Qvalue 96
38) 1-Methylnaphthalene	12.369	142	86170m	2.673	ng	
71) Phenanthrene	17.192	178	184056	3.238	ng	98

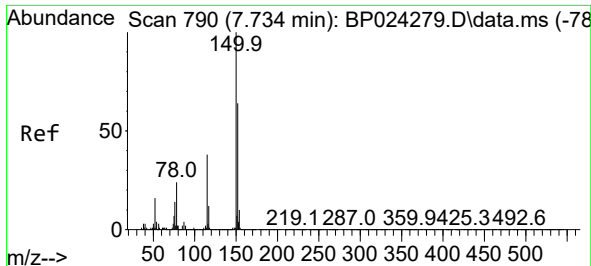
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 22 17:49:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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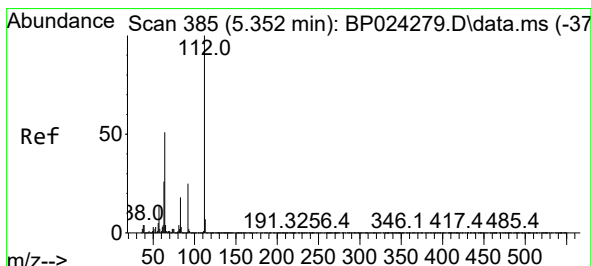
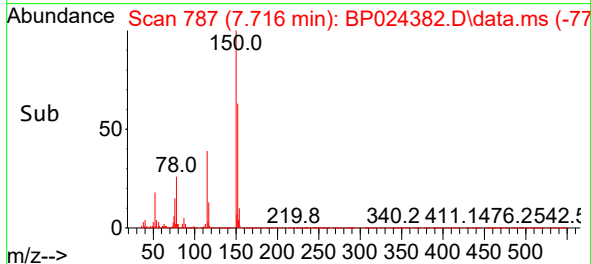
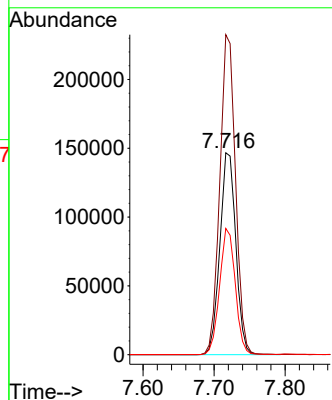
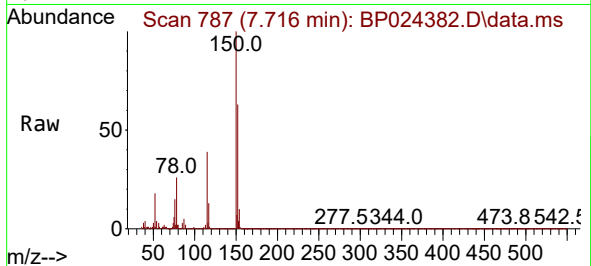




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024382.D
Acq: 22 Apr 2025 17:25

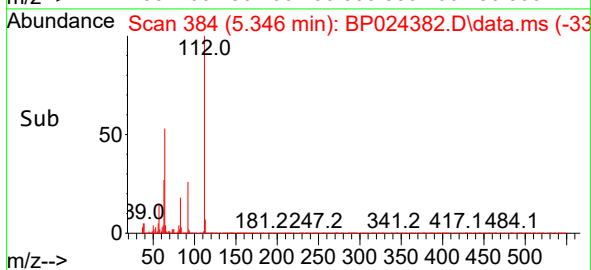
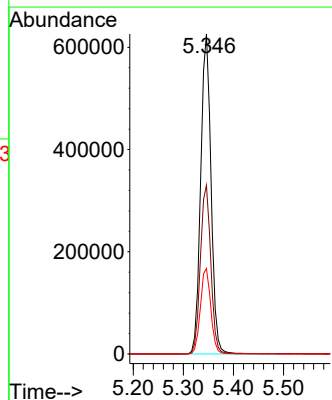
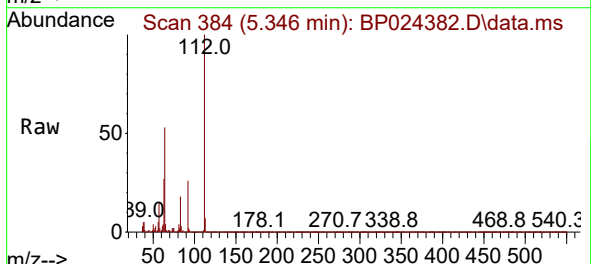
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

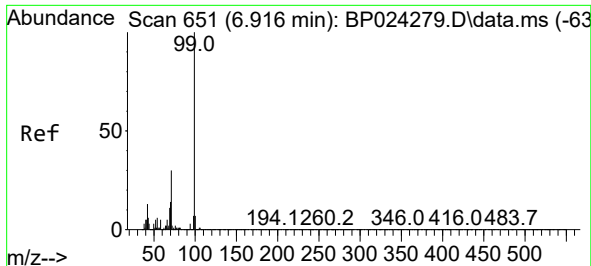
Tgt Ion:152 Resp: 227846
Ion Ratio Lower Upper
152 100
150 158.4 124.9 187.3
115 62.5 47.7 71.5



#5
2-Fluorophenol
Concen: 65.004 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024382.D
Acq: 22 Apr 2025 17:25

Tgt Ion:112 Resp: 895755
Ion Ratio Lower Upper
112 100
64 52.8 41.1 61.7
63 26.7 20.6 30.8

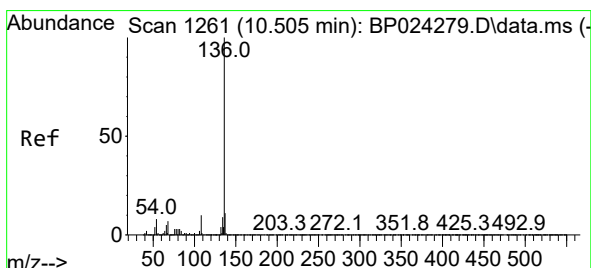
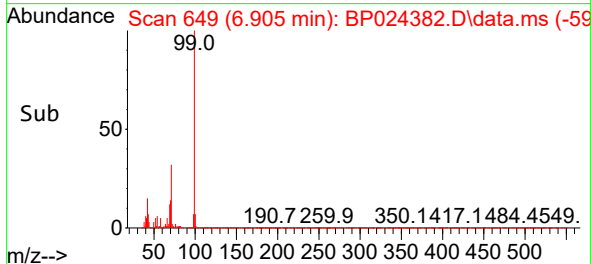
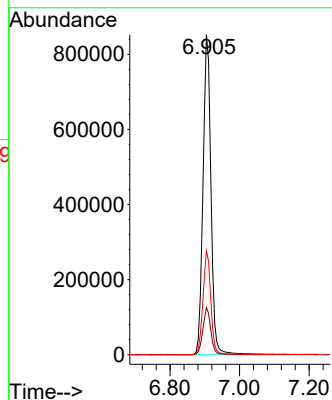
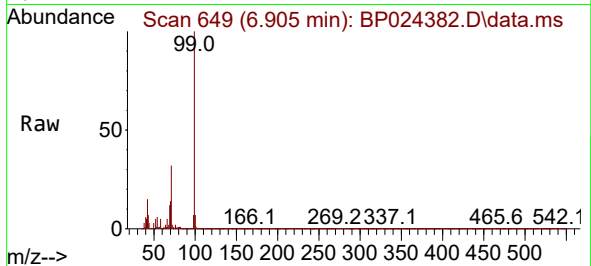




#7
Phenol-d6
Concen: 71.813 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024382.D
Acq: 22 Apr 2025 17:25

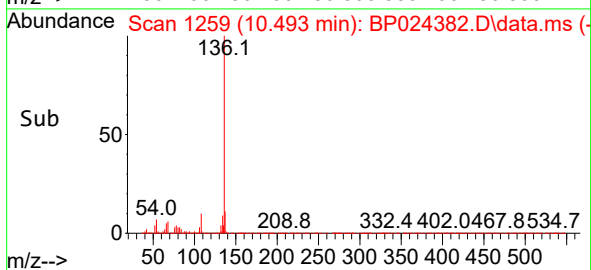
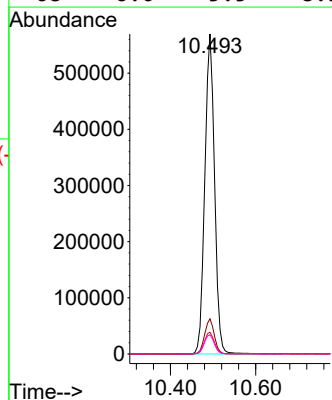
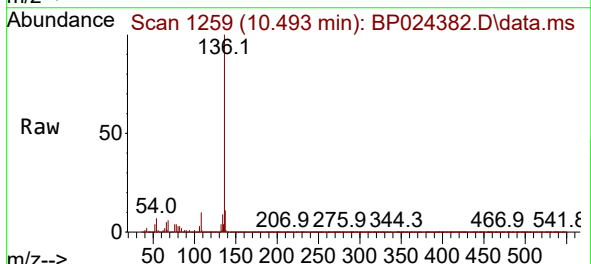
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

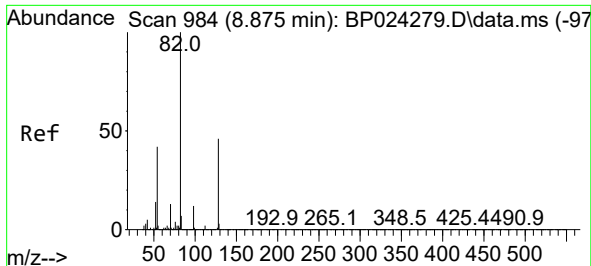
Tgt Ion: 99 Resp: 1355016
Ion Ratio Lower Upper
99 100
42 14.7 10.6 16.0
71 32.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024382.D
Acq: 22 Apr 2025 17:25

Tgt Ion: 136 Resp: 902028
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.8 6.0 9.0
68 6.0 5.5 8.3

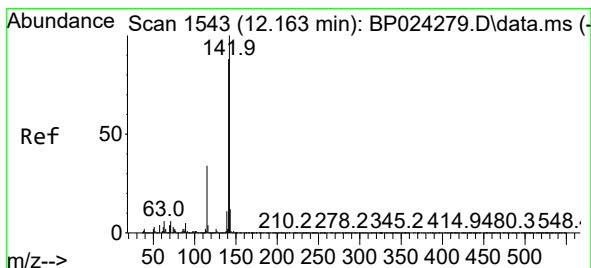
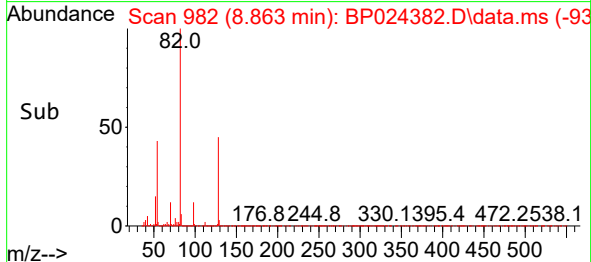
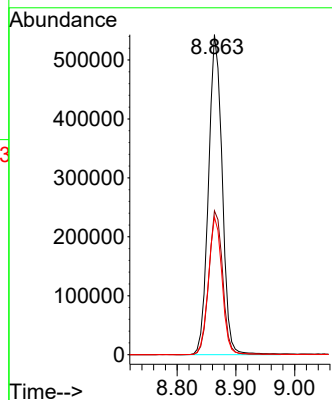
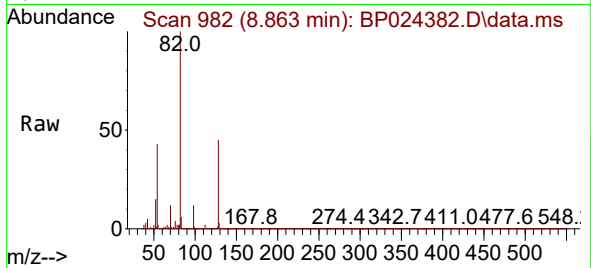




#23
Nitrobenzene-d5
Concen: 55.441 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024382.D
Acq: 22 Apr 2025 17:25

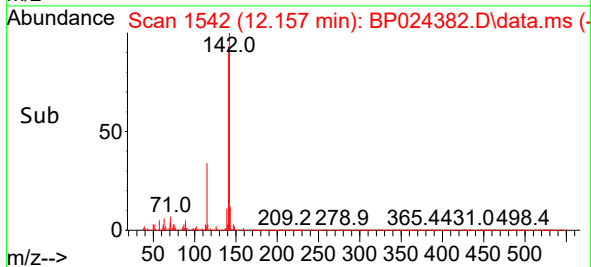
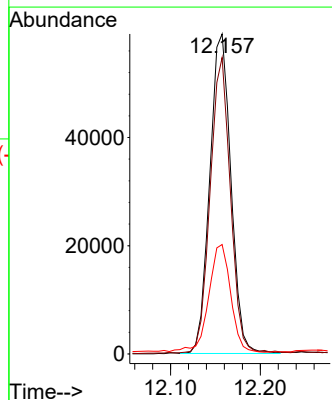
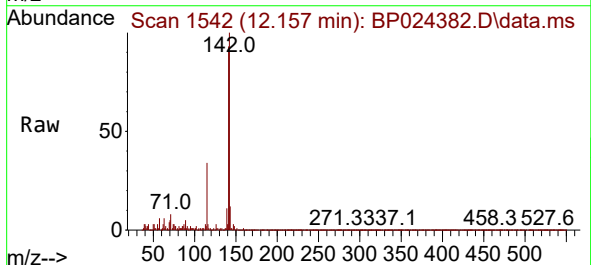
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE-N-C-LOT

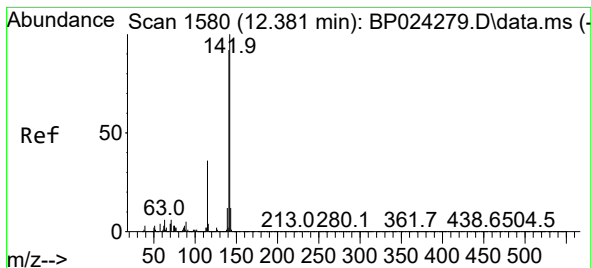
Tgt Ion: 82 Resp: 877027
Ion Ratio Lower Upper
82 100
128 45.0 36.5 54.7
54 43.0 33.4 50.2



#37
2-Methylnaphthalene
Concen: 2.937 ng
RT: 12.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BP024382.D
Acq: 22 Apr 2025 17:25

Tgt Ion: 142 Resp: 96774
Ion Ratio Lower Upper
142 100
141 92.6 70.3 105.5
115 34.2 26.9 40.3





#38

1-Methylnaphthalene

Concen: 2.673 ng m

RT: 12.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024382.D

Acq: 22 Apr 2025 17:25

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE-N-C-LOT

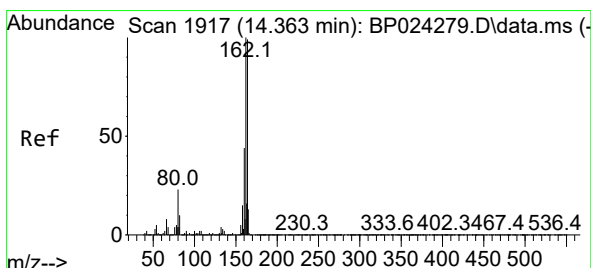
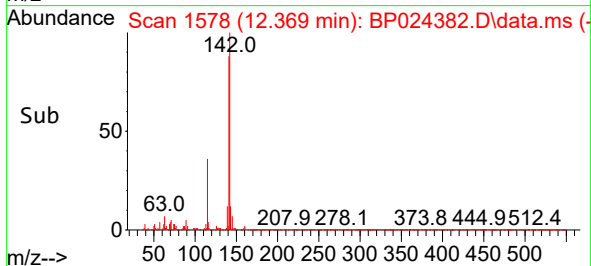
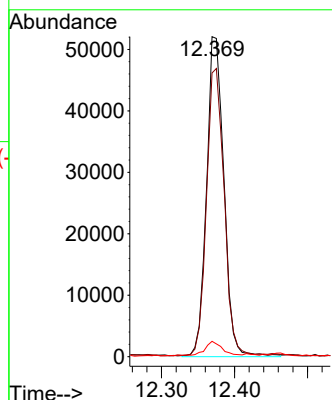
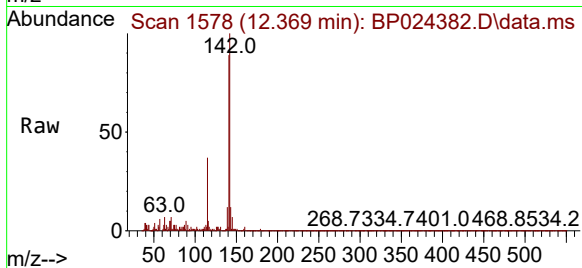
Tgt Ion:142 Resp: 86170

Ion Ratio Lower Upper

142 100

141 88.7 73.6 110.4

116 4.8 3.0 4.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.351 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP024382.D

Acq: 22 Apr 2025 17:25

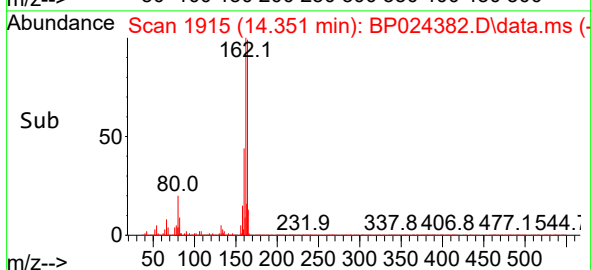
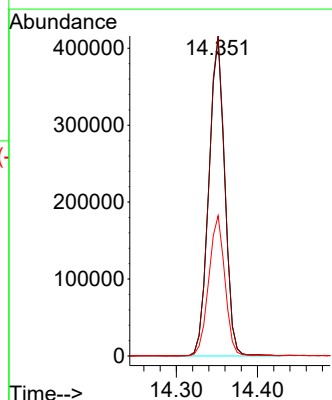
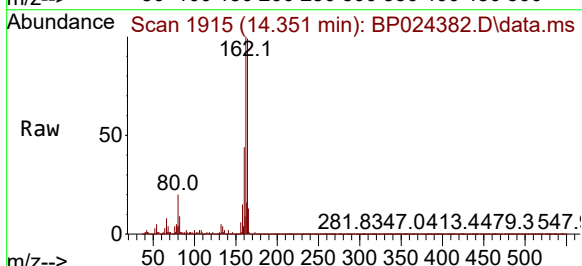
Tgt Ion:164 Resp: 562148

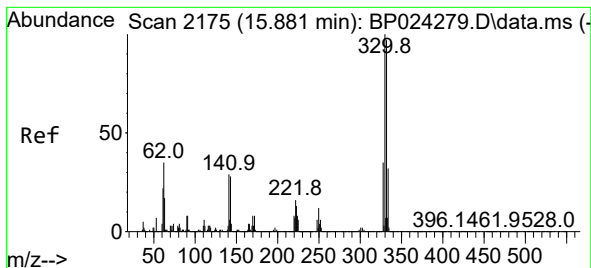
Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

160 44.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 43.489 ng

RT: 15.869 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024382.D

Acq: 22 Apr 2025 17:25

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE-N-C-LOT

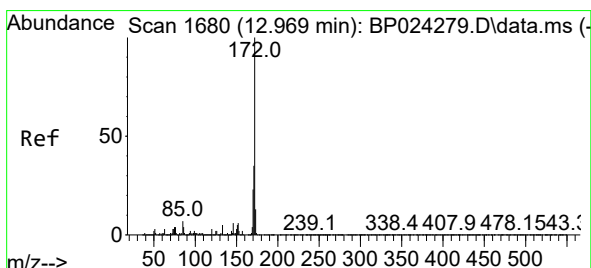
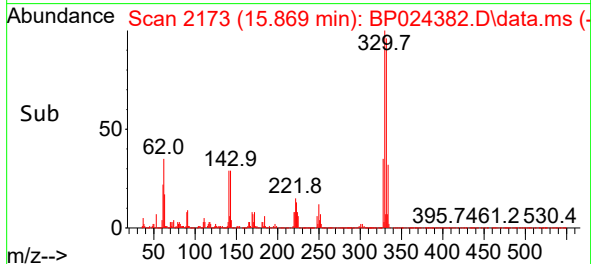
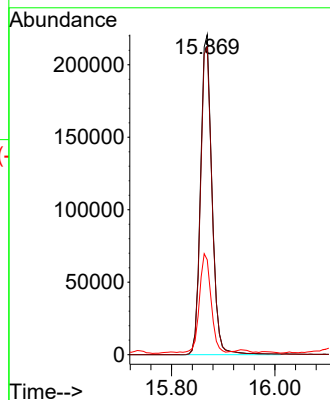
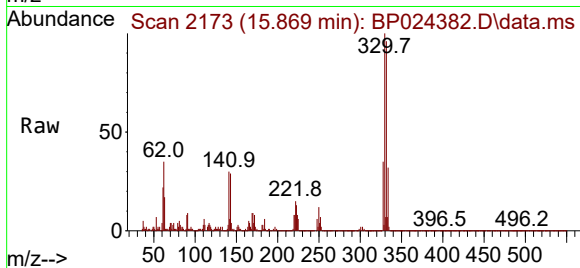
Tgt Ion:330 Resp: 338241

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 30.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 56.003 ng

RT: 12.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BP024382.D

Acq: 22 Apr 2025 17:25

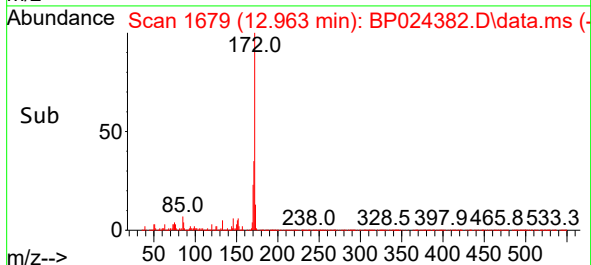
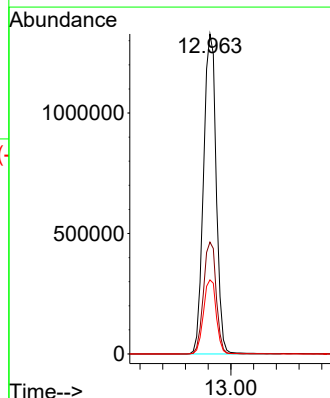
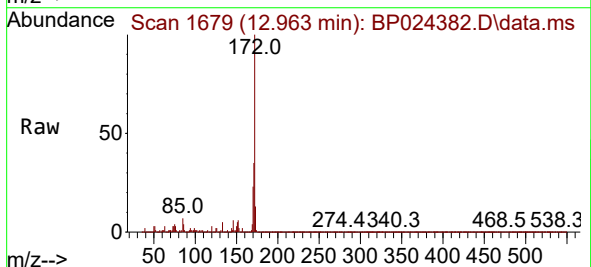
Tgt Ion:172 Resp: 2056165

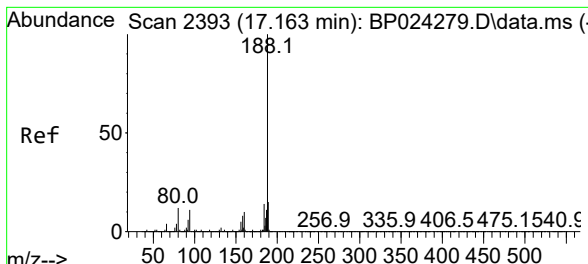
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.2 18.6 27.8



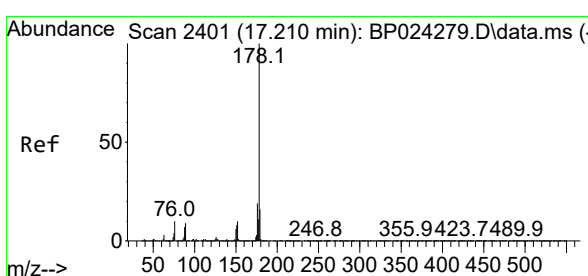
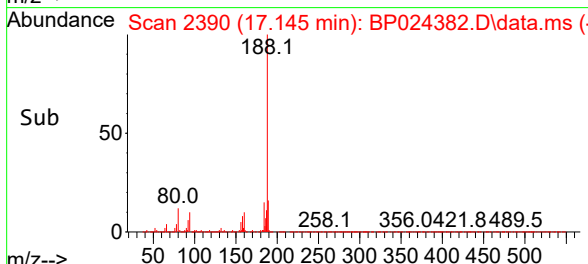
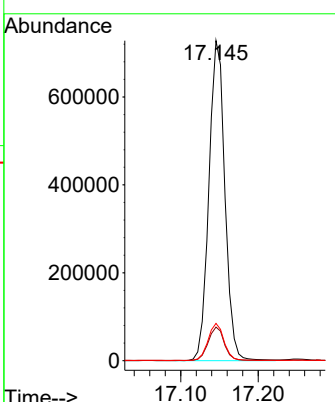
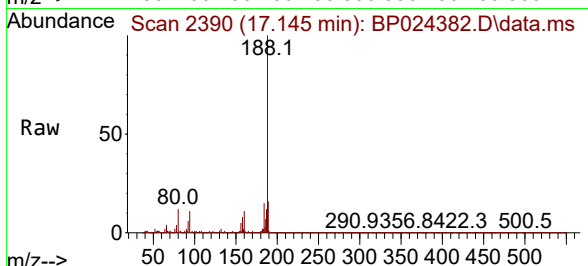


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.145 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024382.D
 Acq: 22 Apr 2025 17:25

Instrument : BNA_P
 ClientSampleId : CONCRETE-PILE-N-C-LOT

Tgt Ion:188 Resp: 1042112

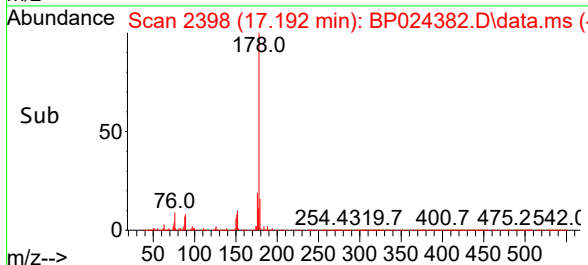
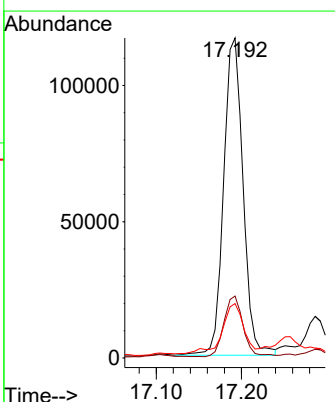
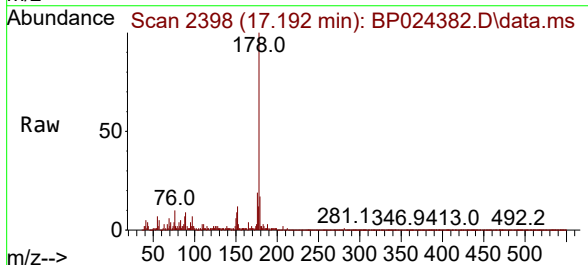
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.6	9.8	14.6

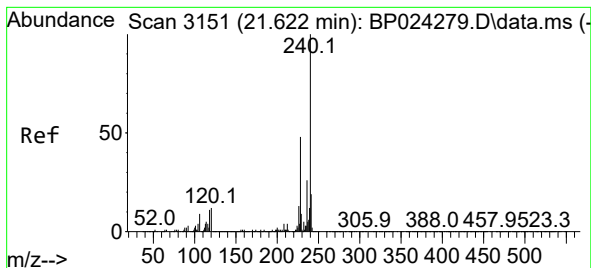


#71
 Phenanthrene
 Concen: 3.238 ng
 RT: 17.192 min Scan# 2398
 Delta R.T. 0.000 min
 Lab File: BP024382.D
 Acq: 22 Apr 2025 17:25

Tgt Ion:178 Resp: 184056

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	17.0	12.5	18.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024382.D

Acq: 22 Apr 2025 17:25

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE-N-C-LOT

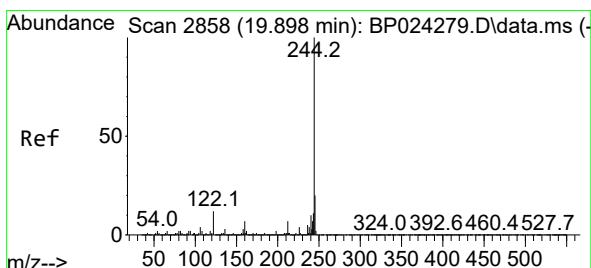
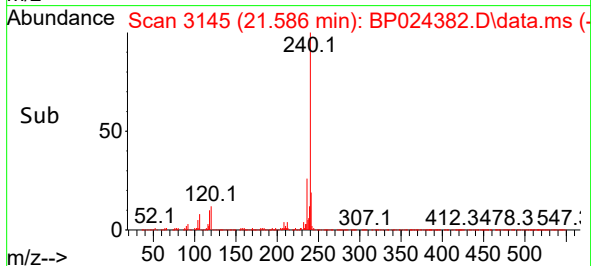
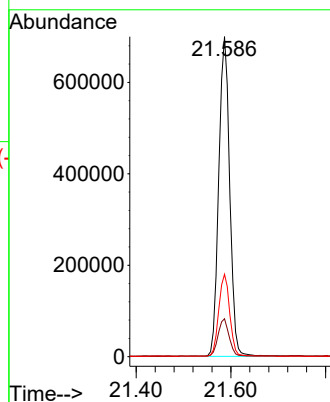
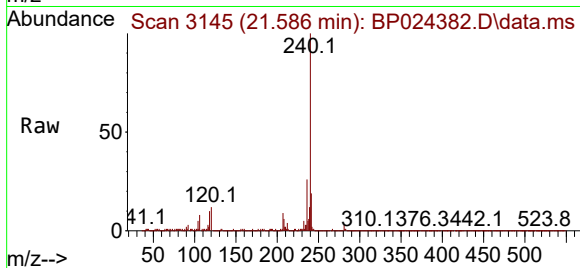
Tgt Ion:240 Resp: 1122510

Ion Ratio Lower Upper

240 100

120 11.9 9.8 14.8

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 58.597 ng

RT: 19.869 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP024382.D

Acq: 22 Apr 2025 17:25

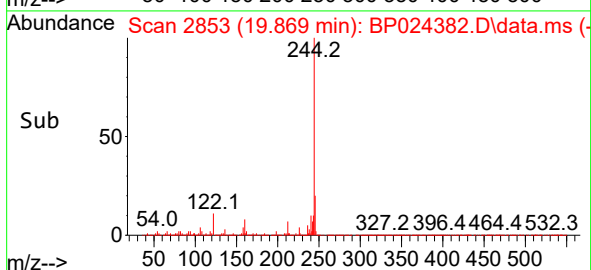
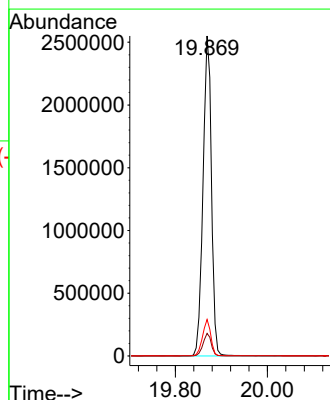
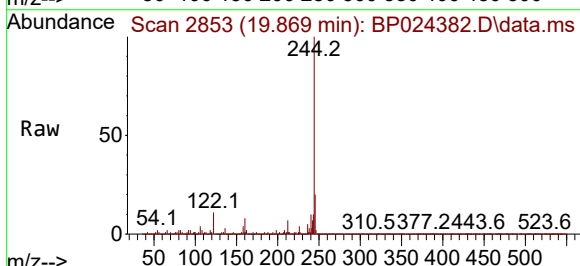
Tgt Ion:244 Resp: 3263244

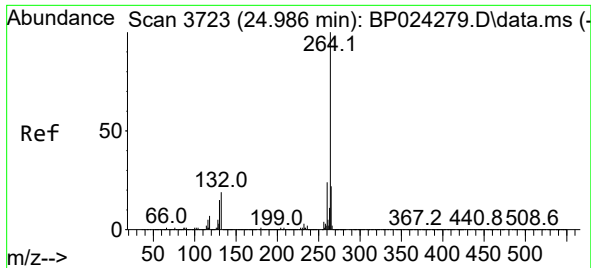
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.4 9.4 14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.927 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP024382.D
 Acq: 22 Apr 2025 17:25

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-PILE-N-C-LOT

Tgt Ion:264 Resp: 1350082
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.8 17.8 26.6

