

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024353.D
 Acq On : 18 Apr 2025 22:11
 Operator : RC/JU
 Sample : Q1826-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-FLOOR

Quant Time: Apr 19 01:03:23 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	7.722	152	210625	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	800929	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	482510	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	968506	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1192239	20.000	ng	0.00
86) Perylene-d12	24.927	264	1219953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1766871	138.703	ng	0.00
7) Phenol-d6	6.910	99	2133600	122.322	ng	0.00
23) Nitrobenzene-d5	8.875	82	1333006	94.902	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	1010436	151.358	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2810751	89.191	ng	0.00
79) Terphenyl-d14	19.874	244	5328656	90.088	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.875	122	922388	108.030	ng	Qvalue
32) Benzoic acid	9.875	122	926466	93.122	ng	# 3
60) Diethylphthalate	15.186	149	94379	2.610	ng	99

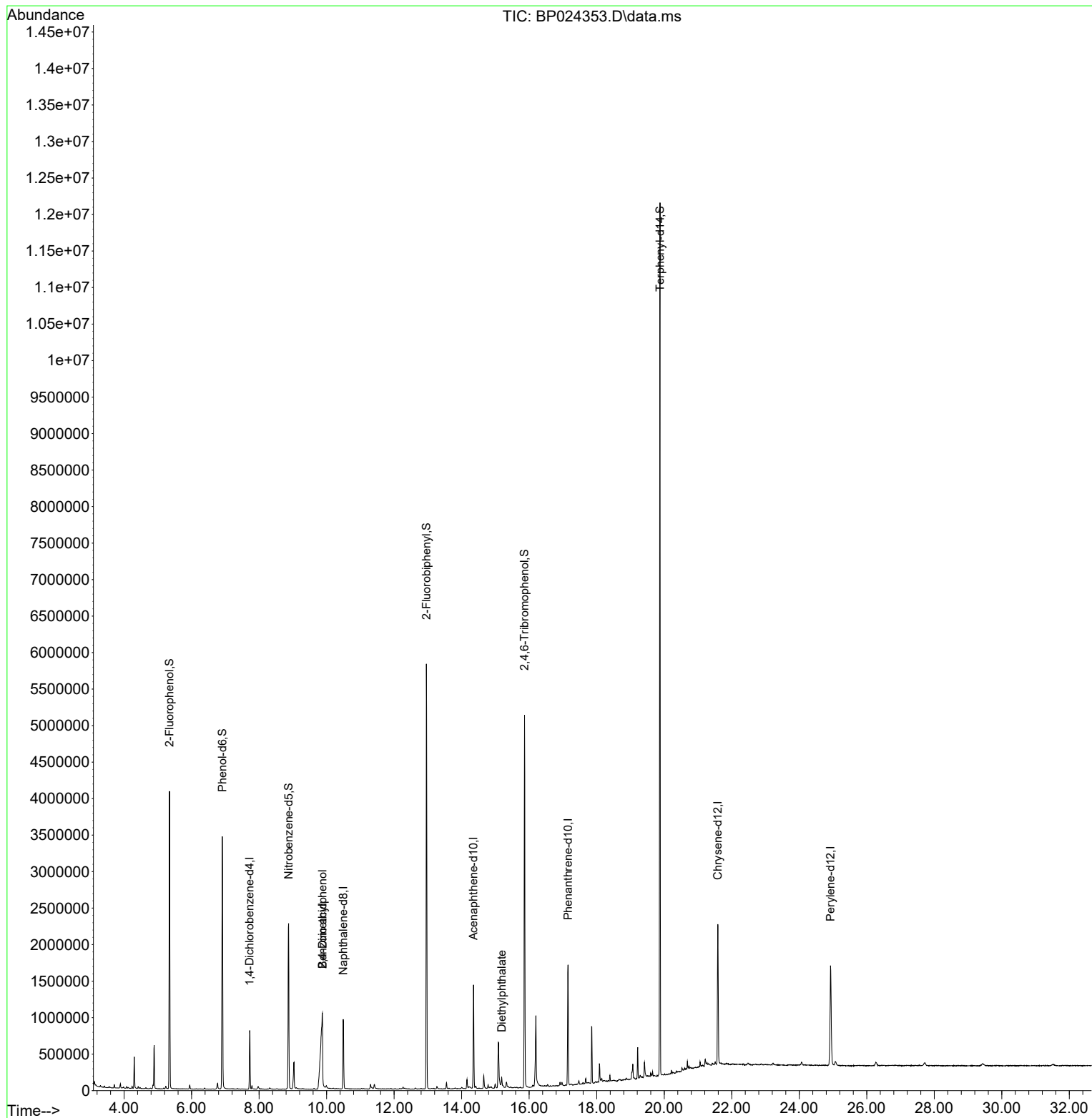
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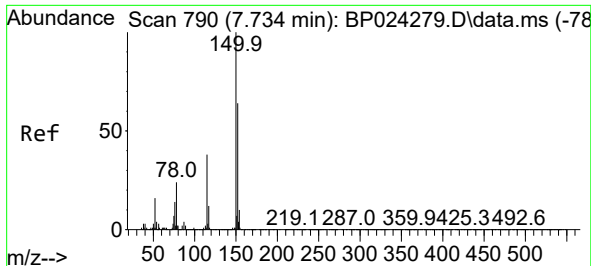
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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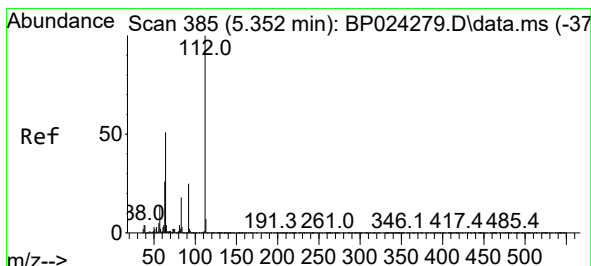
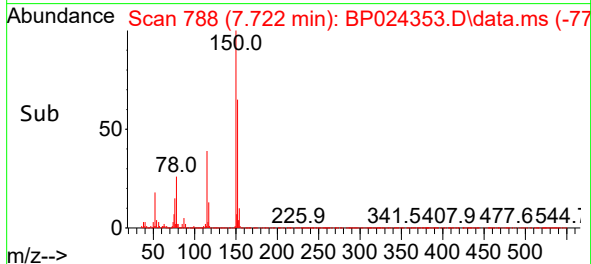
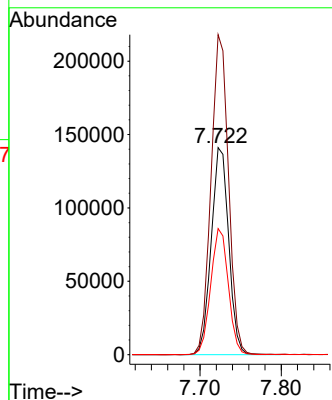
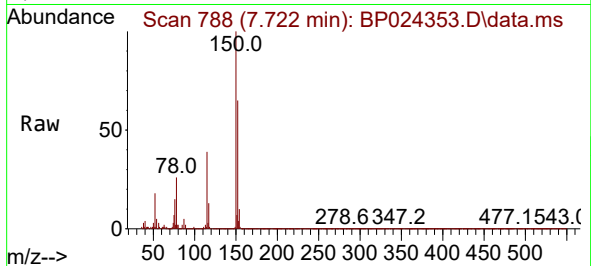




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024353.D
Acq: 18 Apr 2025 22:11

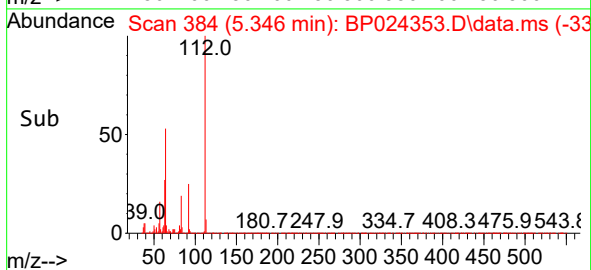
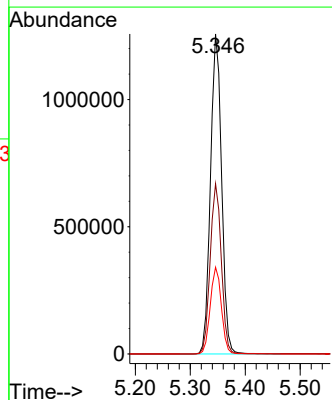
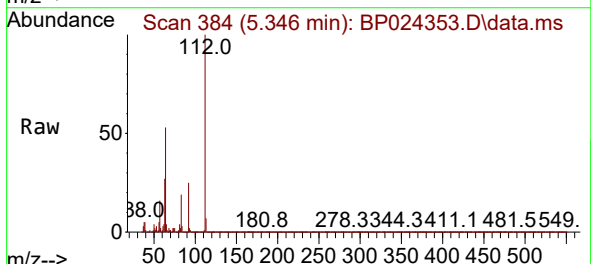
Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

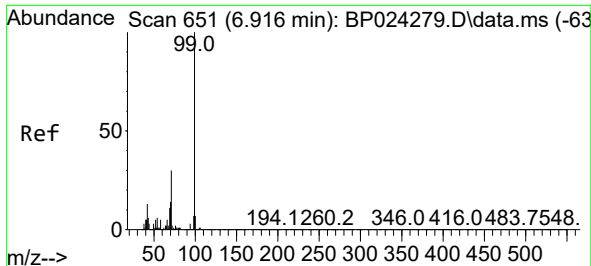
Tgt Ion:152 Resp: 210625
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 60.9 47.7 71.5



#5
2-Fluorophenol
Concen: 138.703 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024353.D
Acq: 18 Apr 2025 22:11

Tgt Ion:112 Resp: 1766871
Ion Ratio Lower Upper
112 100
64 53.2 41.1 61.7
63 27.1 20.6 30.8

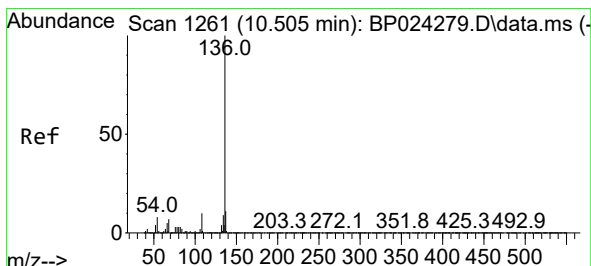
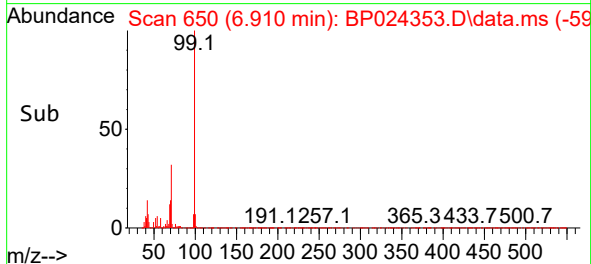
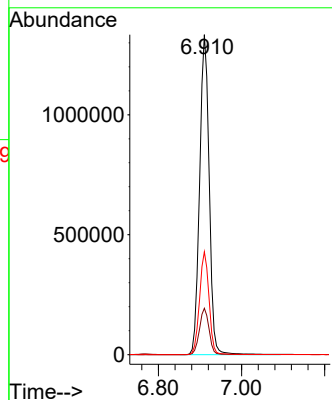
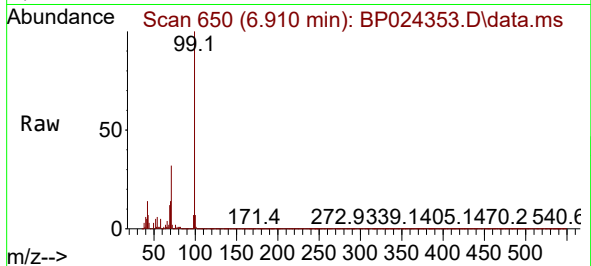




#7
Phenol-d6
Concen: 122.322 ng
RT: 6.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024353.D
Acq: 18 Apr 2025 22:11

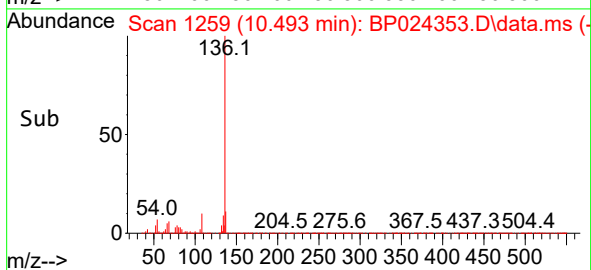
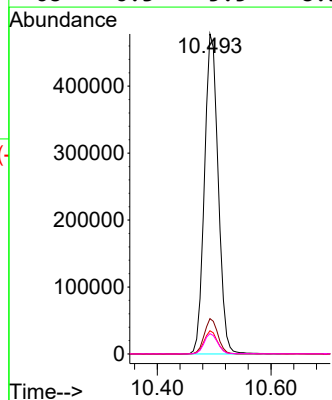
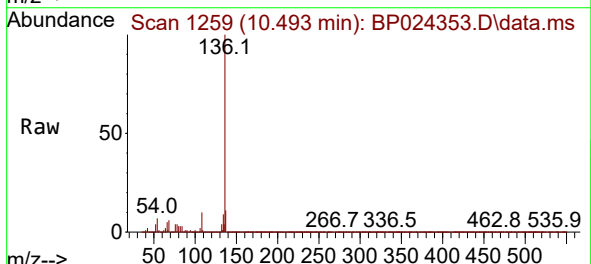
Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

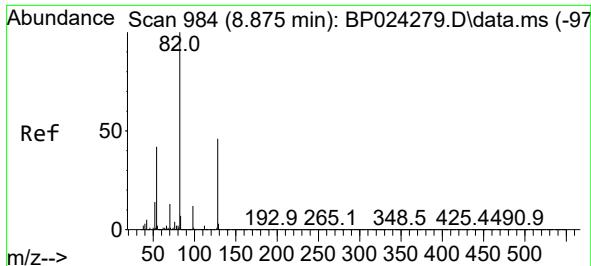
Tgt Ion: 99 Resp: 2133600
Ion Ratio Lower Upper
99 100
42 14.5 10.6 16.0
71 32.2 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024353.D
Acq: 18 Apr 2025 22:11

Tgt Ion:136 Resp: 800929
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.2 6.0 9.0
68 6.3 5.5 8.3

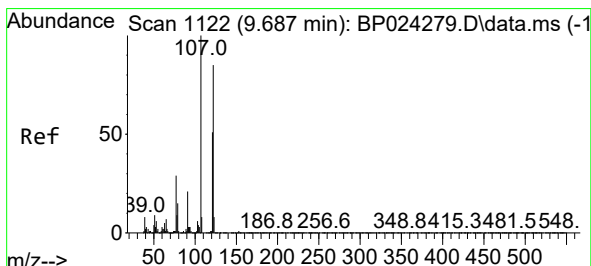
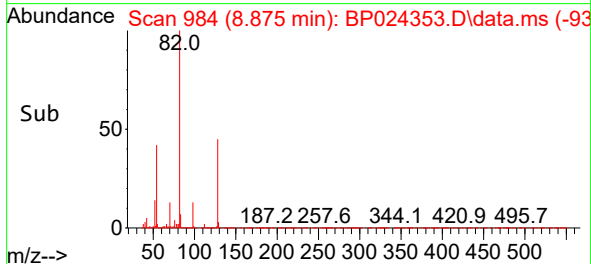
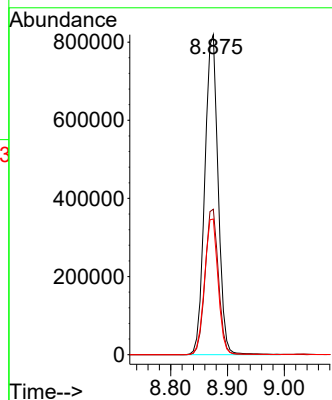
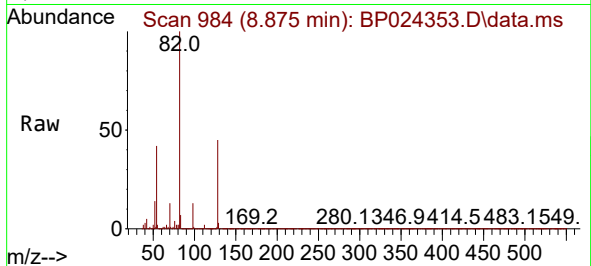




#23
Nitrobenzene-d5
Concen: 94.902 ng
RT: 8.875 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024353.D
Acq: 18 Apr 2025 22:11

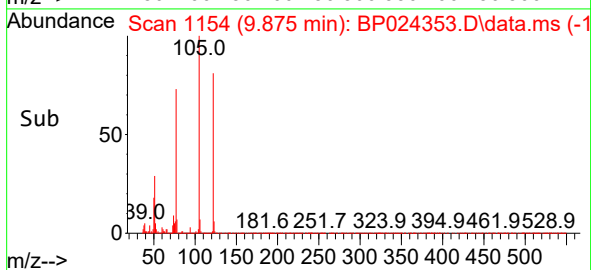
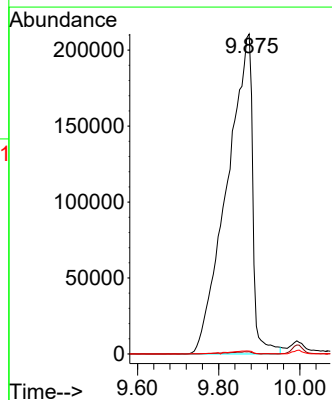
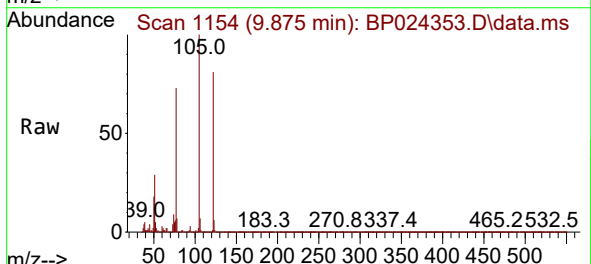
Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

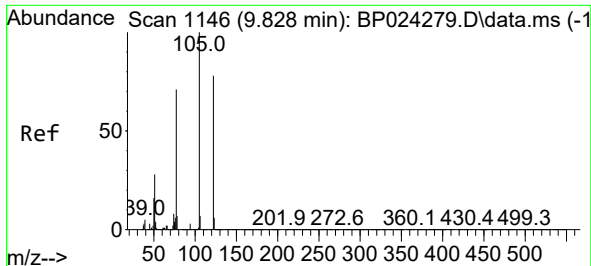
Tgt Ion: 82 Resp: 1333006
Ion Ratio Lower Upper
82 100
128 45.4 36.5 54.7
54 42.4 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 108.030 ng
RT: 9.875 min Scan# 1154
Delta R.T. 0.194 min
Lab File: BP024353.D
Acq: 18 Apr 2025 22:11

Tgt Ion: 122 Resp: 922388
Ion Ratio Lower Upper
122 100
107 0.7 93.7 140.5#
121 0.9 48.2 72.2#

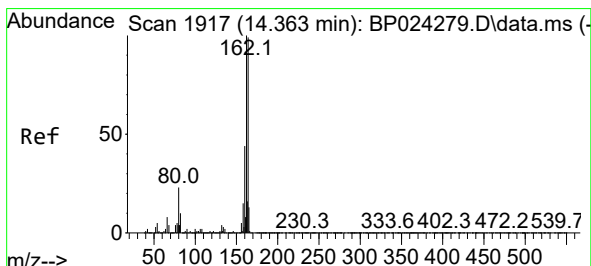
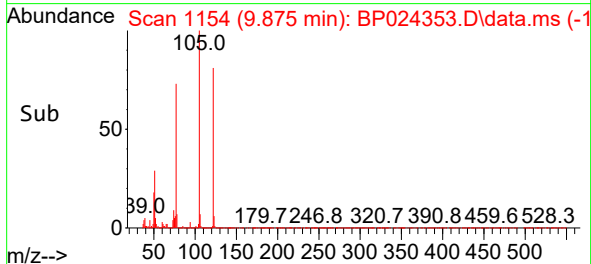
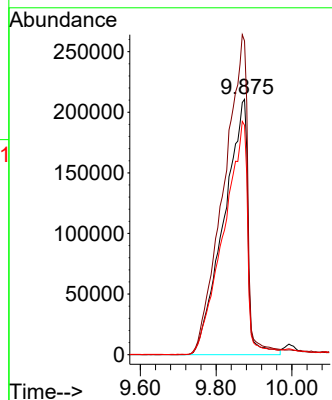
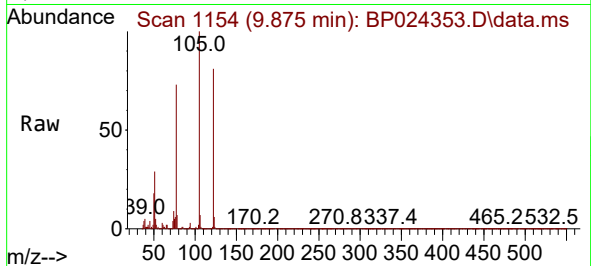




#32
Benzoic acid
Concen: 93.122 ng
RT: 9.875 min Scan# 1146
Delta R.T. 0.053 min
Lab File: BP024353.D
Acq: 18 Apr 2025 22:11

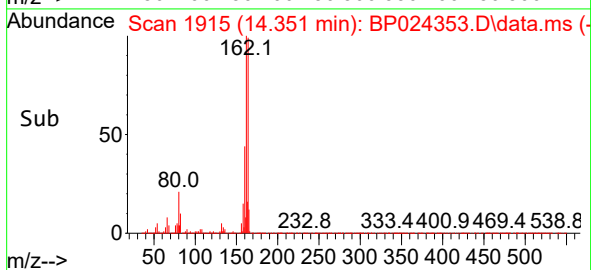
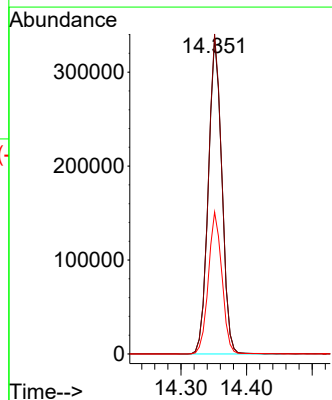
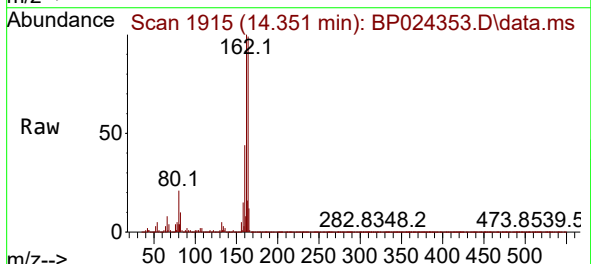
Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

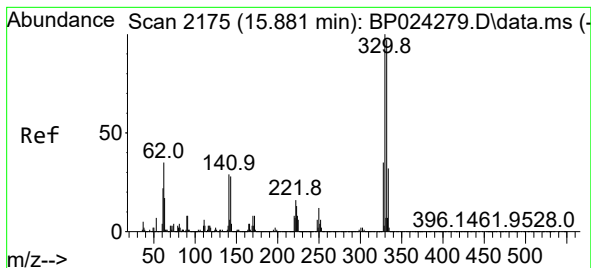
Tgt Ion:122 Resp: 926466
Ion Ratio Lower Upper
122 100
105 122.8 104.8 144.8
77 89.8 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024353.D
Acq: 18 Apr 2025 22:11

Tgt Ion:164 Resp: 482510
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 151.358 ng

RT: 15.863 min Scan# 2175

Delta R.T. 0.000 min

Lab File: BP024353.D

Acq: 18 Apr 2025 22:11

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

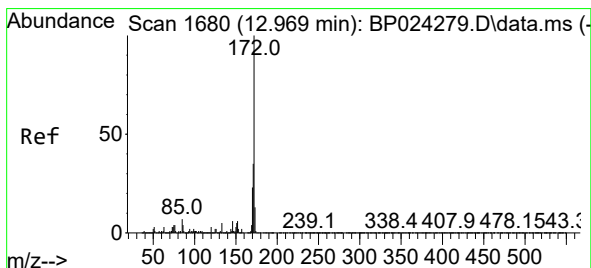
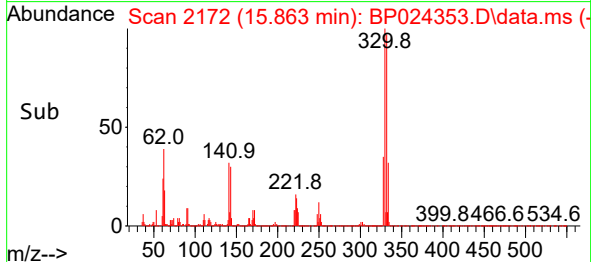
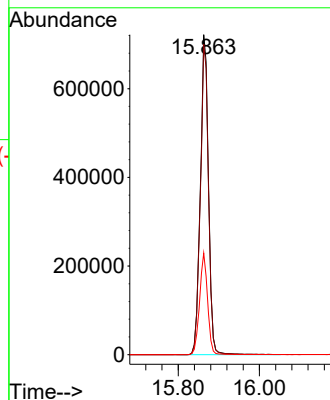
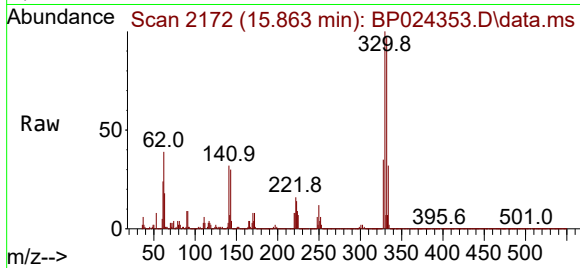
Tgt Ion:330 Resp: 1010436

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 31.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 89.191 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024353.D

Acq: 18 Apr 2025 22:11

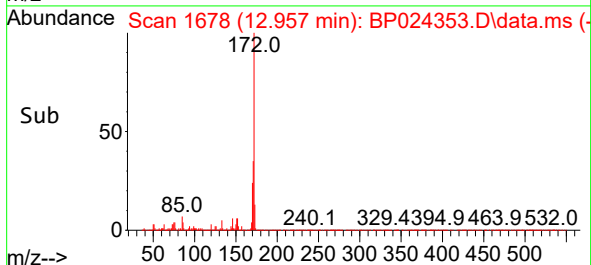
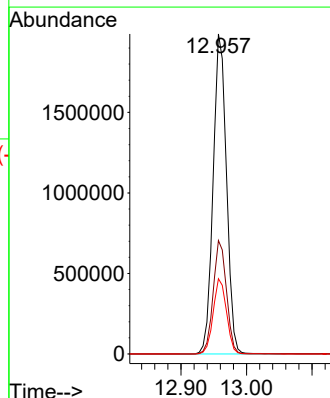
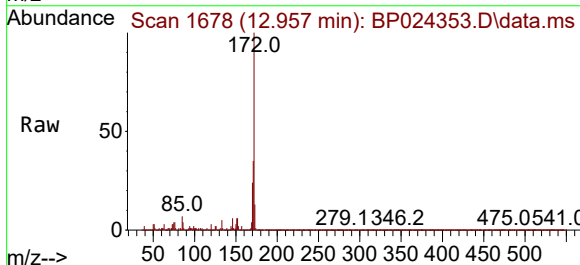
Tgt Ion:172 Resp: 2810751

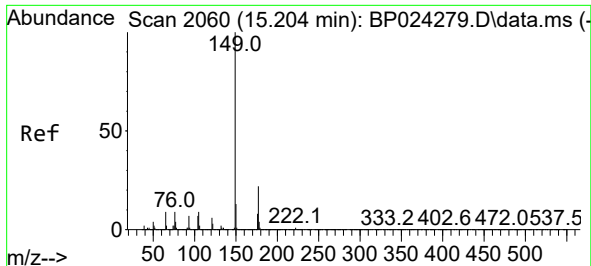
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.5 18.6 27.8

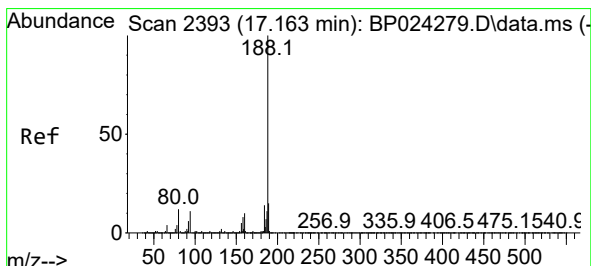
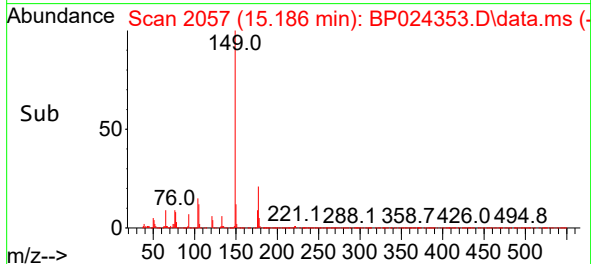
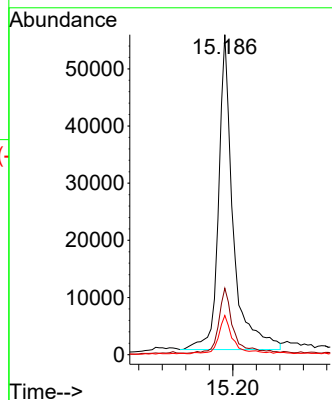
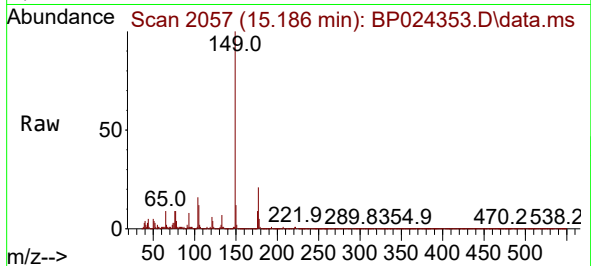




#60
Diethylphthalate
Concen: 2.610 ng
RT: 15.186 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BP024353.D
Acq: 18 Apr 2025 22:11

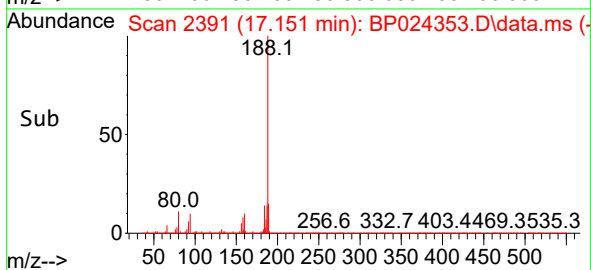
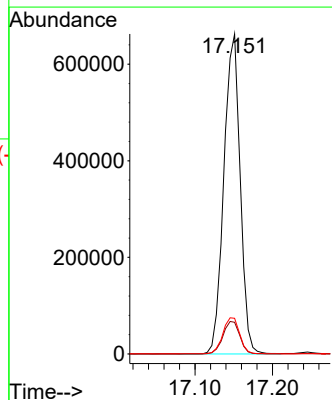
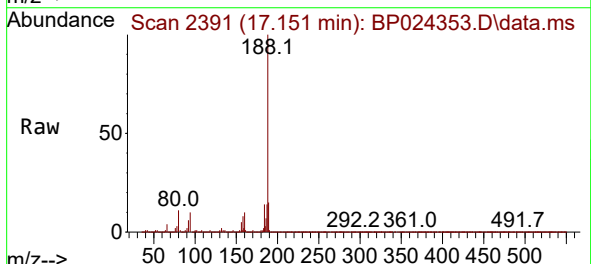
Instrument :
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CONCRETE-FLOOR

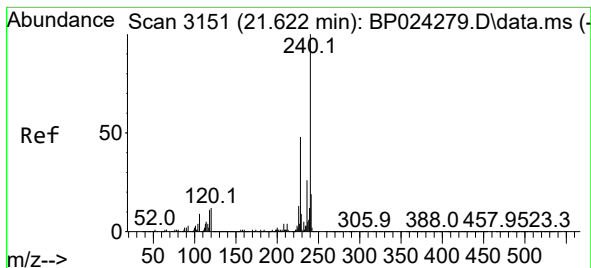
Tgt Ion:149 Resp: 94379
Ion Ratio Lower Upper
149 100
177 20.8 17.4 26.2
150 12.3 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP024353.D
Acq: 18 Apr 2025 22:11

Tgt Ion:188 Resp: 968506
Ion Ratio Lower Upper
188 100
94 9.9 8.6 13.0
80 11.1 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024353.D

Acq: 18 Apr 2025 22:11

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

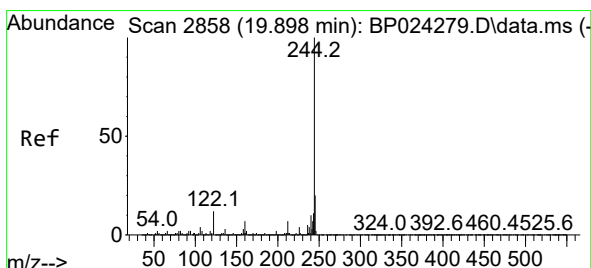
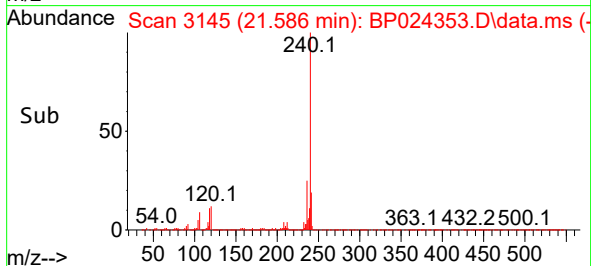
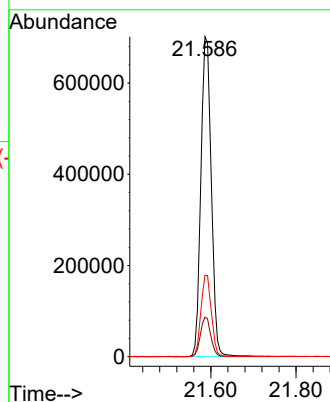
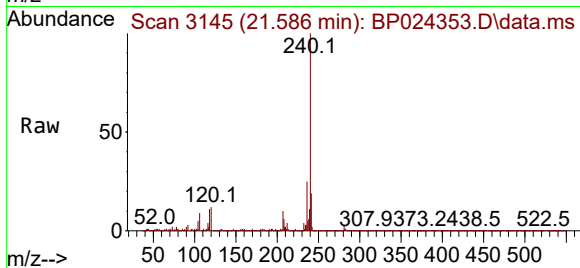
Tgt Ion:240 Resp: 1192239

Ion Ratio Lower Upper

240 100

120 12.3 9.8 14.8

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 90.088 ng

RT: 19.874 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP024353.D

Acq: 18 Apr 2025 22:11

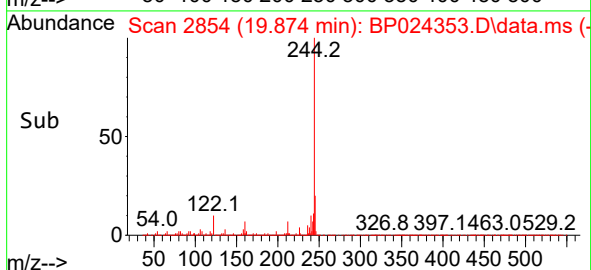
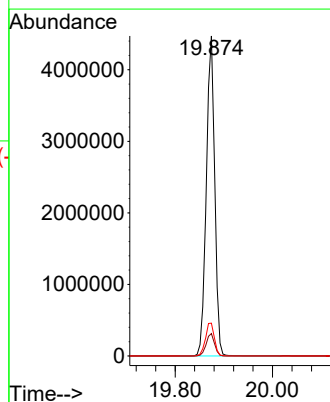
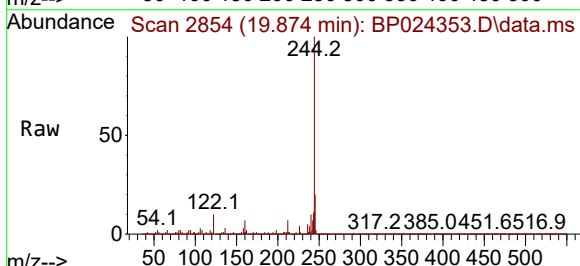
Tgt Ion:244 Resp: 5328656

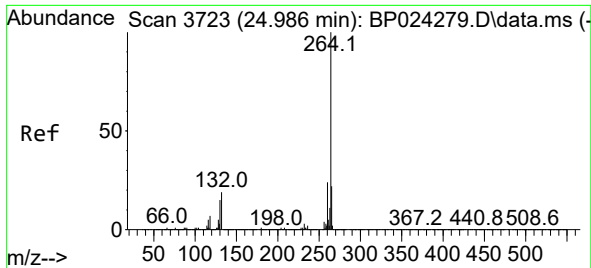
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.3 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: BP024353.D
 Acq: 18 Apr 2025 22:11

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-FLOOR

Tgt Ion:264 Resp: 1219953
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 21.8 17.8 26.6

