

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024352.D
 Acq On : 18 Apr 2025 21:31
 Operator : RC/JU
 Sample : Q1826-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Apr 19 01:03:06 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)

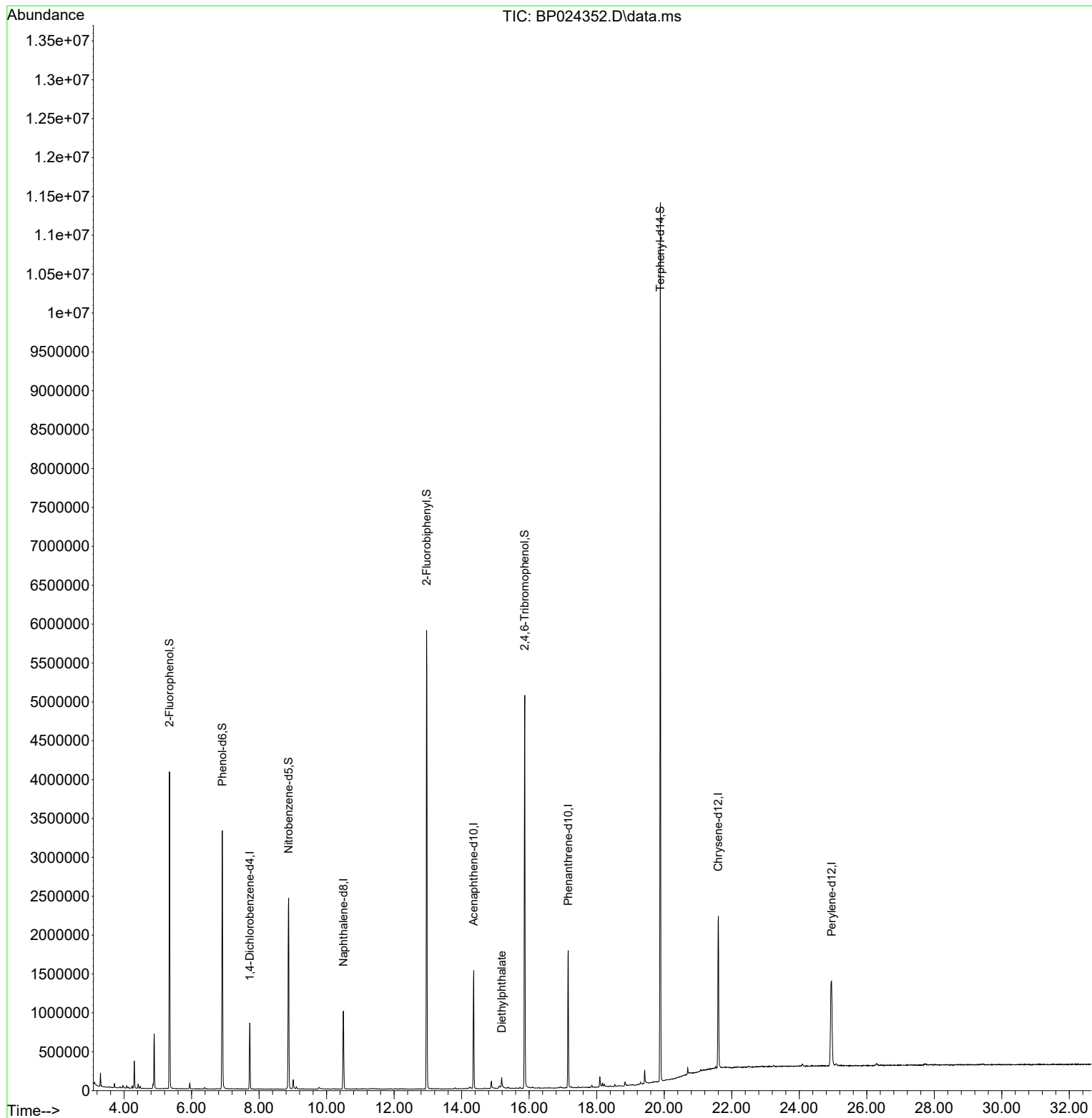
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	232794	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	887305	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	518672	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1018061	20.000	ng	0.01
76) Chrysene-d12	21.604	240	1199653	20.000	ng	0.01
86) Perylene-d12	24.957	264	1311223	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1731591	122.989	ng	0.00
7) Phenol-d6	6.911	99	1956257	101.474	ng	0.00
23) Nitrobenzene-d5	8.875	82	1457018	93.633	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1053480	146.804	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	3003757	88.670	ng	0.00
79) Terphenyl-d14	19.886	244	5486039	92.176	ng	0.01
Target Compounds						
60) Diethylphthalate	15.187	149	103487	2.662	ng	Qvalue 98

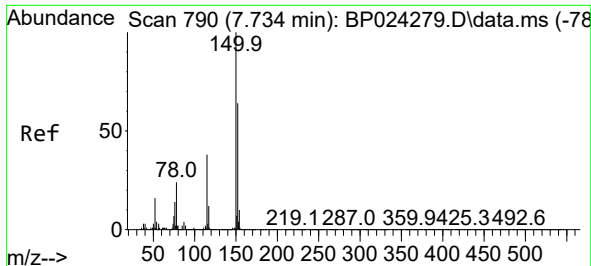
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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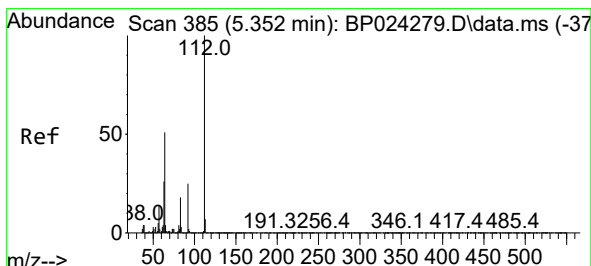
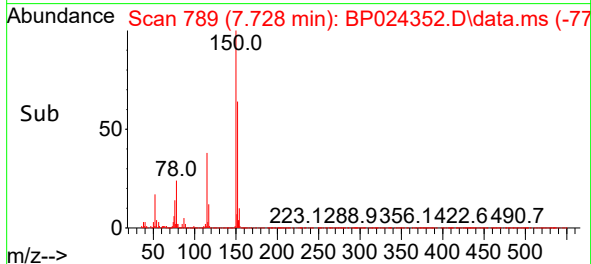
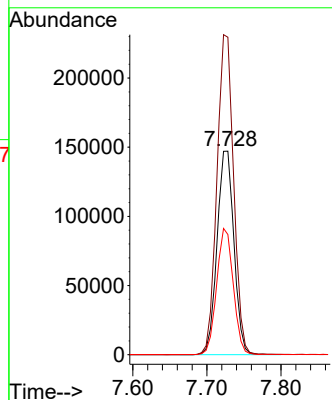
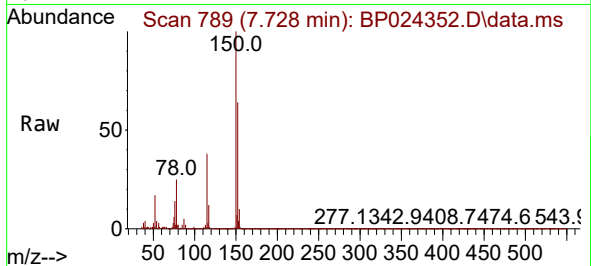




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024352.D
Acq: 18 Apr 2025 21:31

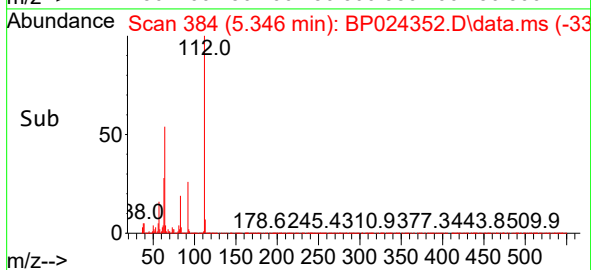
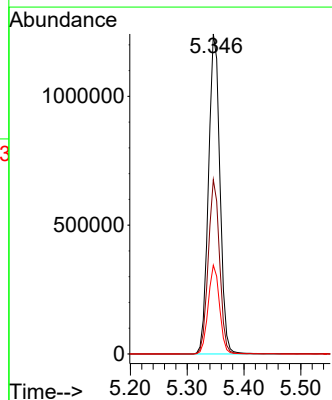
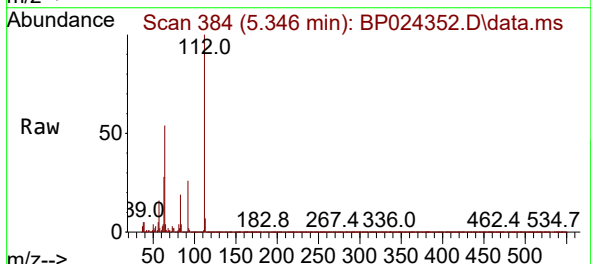
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

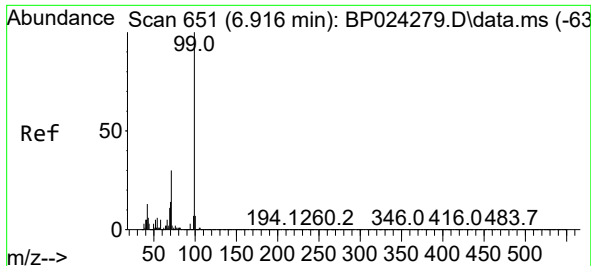
Tgt Ion:152 Resp: 232794
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 59.1 47.7 71.5



#5
2-Fluorophenol
Concen: 122.989 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024352.D
Acq: 18 Apr 2025 21:31

Tgt Ion:112 Resp: 1731591
Ion Ratio Lower Upper
112 100
64 54.4 41.1 61.7
63 27.7 20.6 30.8

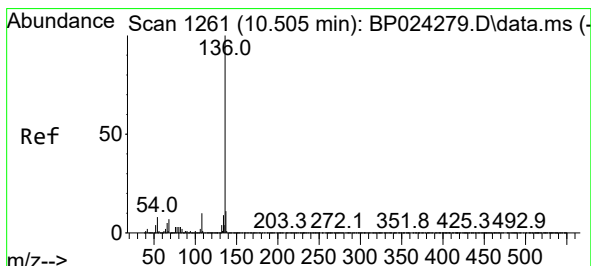
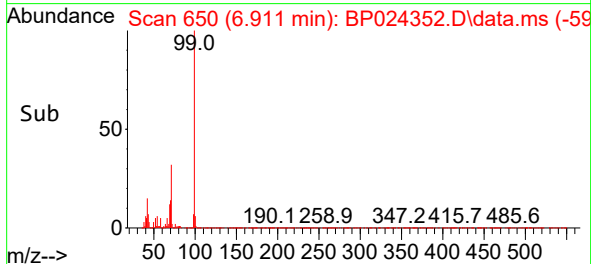
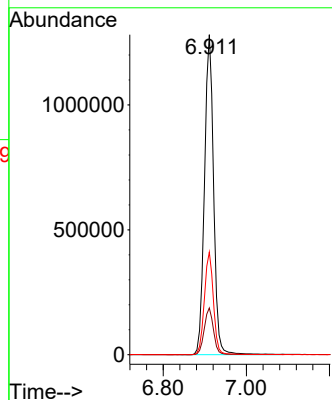
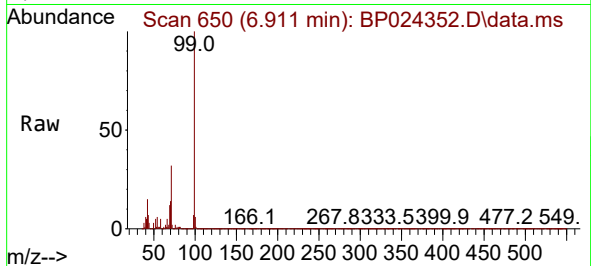




#7
Phenol-d6
Concen: 101.474 ng
RT: 6.911 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024352.D
Acq: 18 Apr 2025 21:31

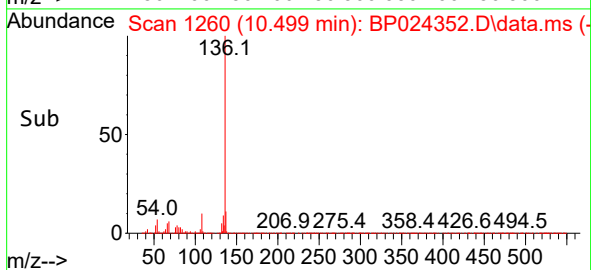
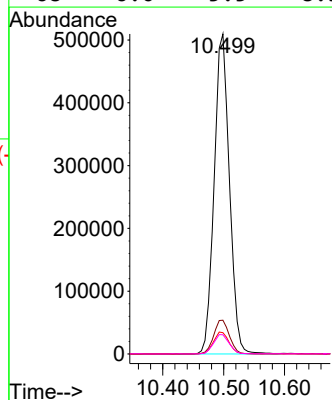
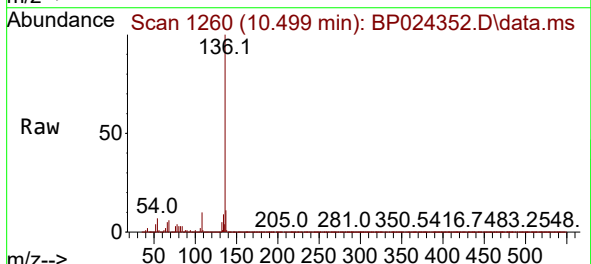
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

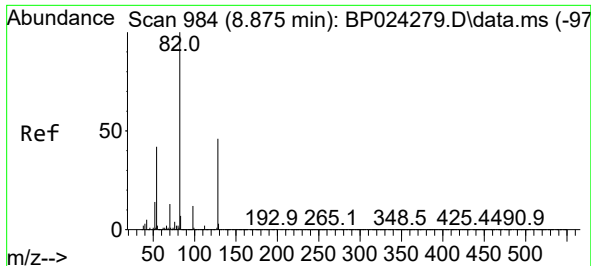
Tgt Ion: 99 Resp: 1956257
Ion Ratio Lower Upper
99 100
42 14.6 10.6 16.0
71 32.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BP024352.D
Acq: 18 Apr 2025 21:31

Tgt Ion:136 Resp: 887305
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 6.7 6.0 9.0
68 6.0 5.5 8.3

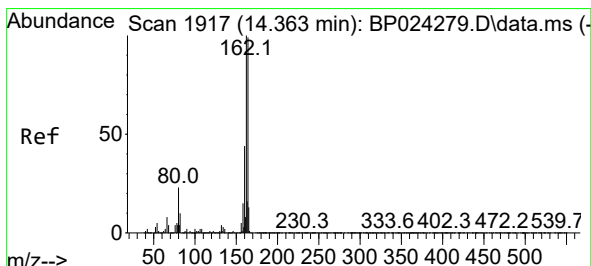
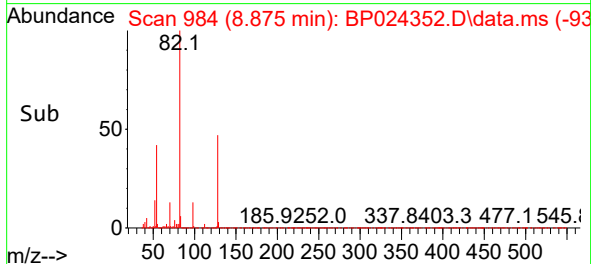
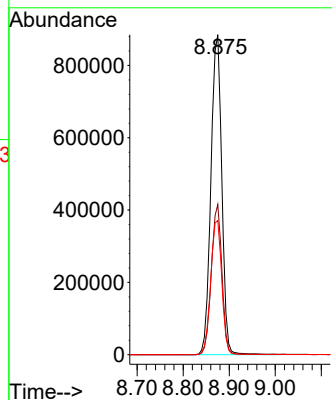
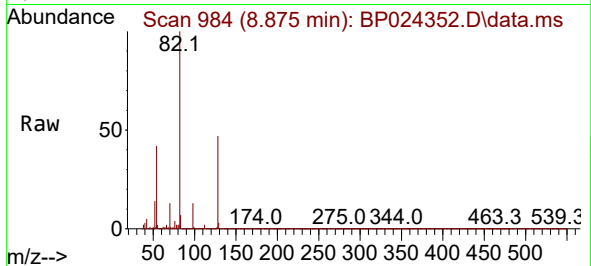




#23
Nitrobenzene-d5
Concen: 93.633 ng
RT: 8.875 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024352.D
Acq: 18 Apr 2025 21:31

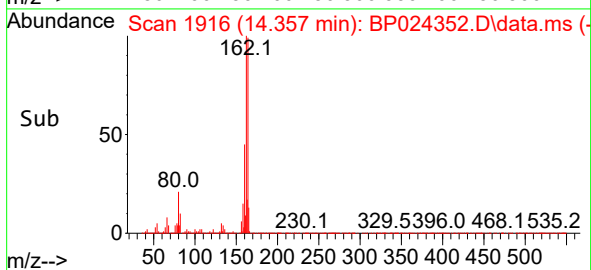
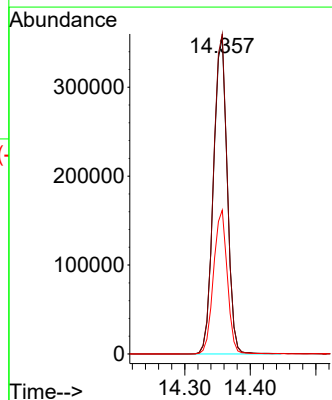
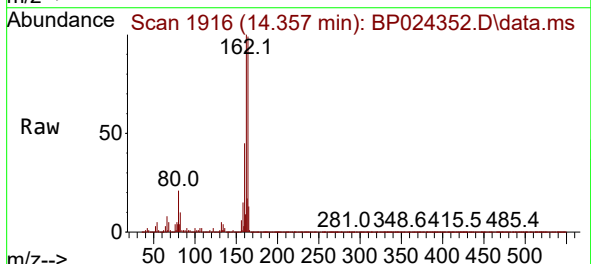
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

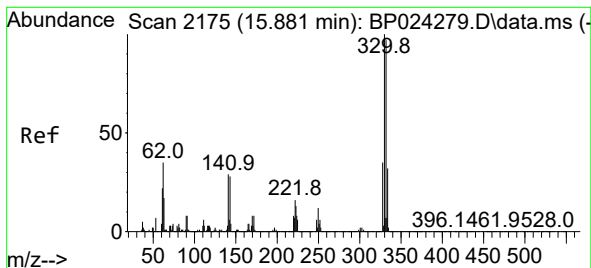
Tgt Ion: 82 Resp: 1457018
Ion Ratio Lower Upper
82 100
128 47.0 36.5 54.7
54 41.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP024352.D
Acq: 18 Apr 2025 21:31

Tgt Ion:164 Resp: 518672
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 45.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 146.804 ng

RT: 15.869 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BP024352.D

Acq: 18 Apr 2025 21:31

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE

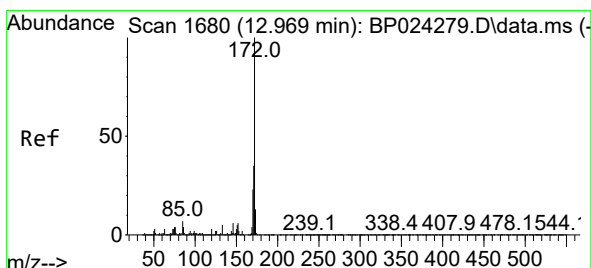
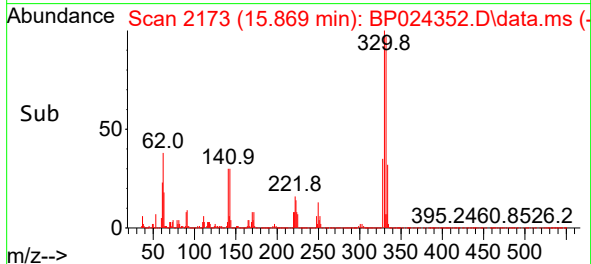
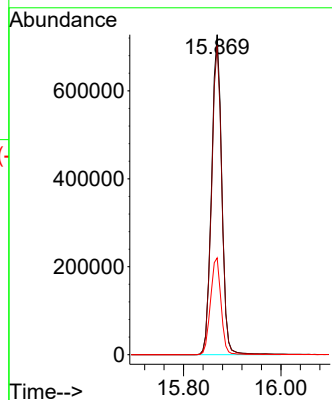
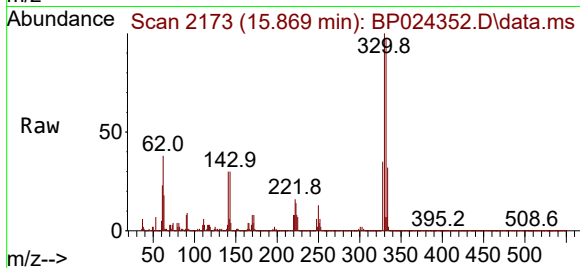
Tgt Ion:330 Resp: 1053480

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 31.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 88.670 ng

RT: 12.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BP024352.D

Acq: 18 Apr 2025 21:31

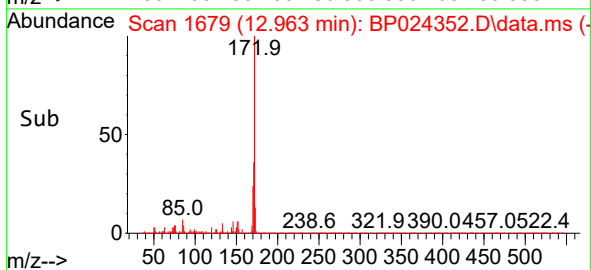
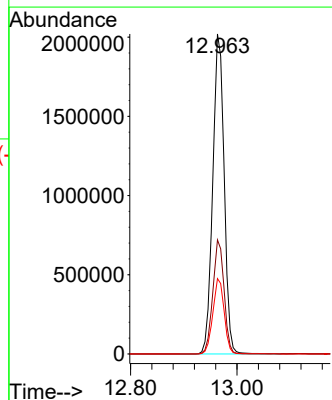
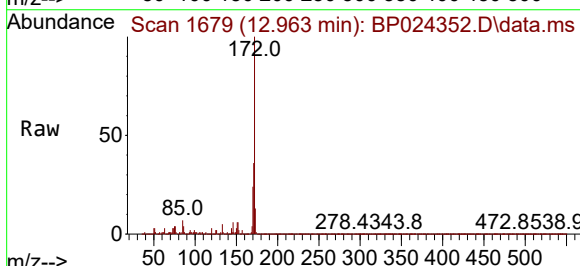
Tgt Ion:172 Resp: 3003757

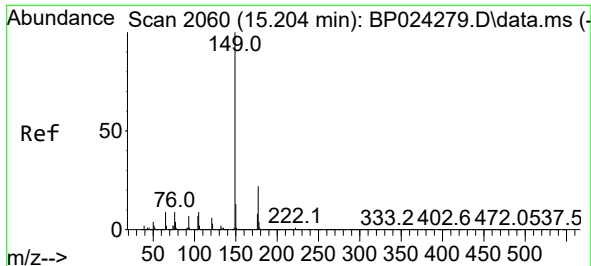
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.6 18.6 27.8

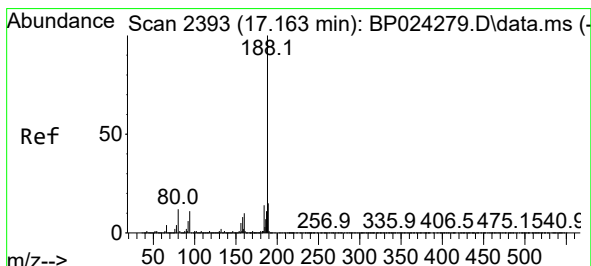
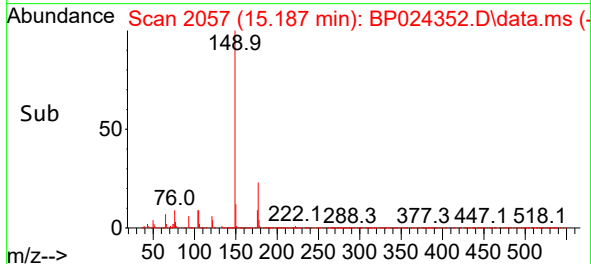
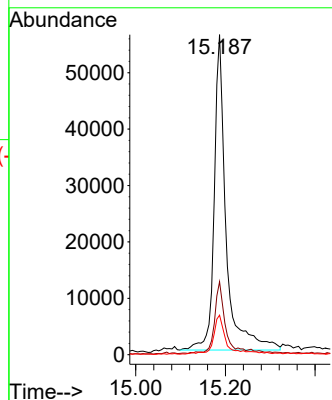
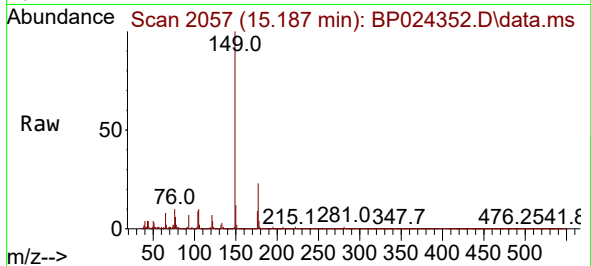




#60
Diethylphthalate
Concen: 2.662 ng
RT: 15.187 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BP024352.D
Acq: 18 Apr 2025 21:31

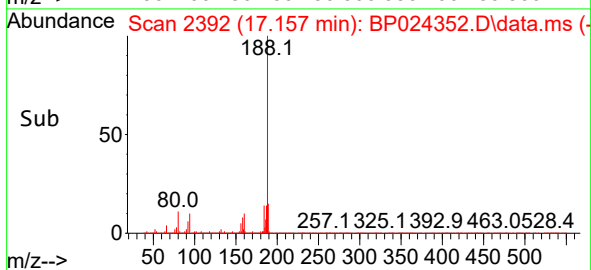
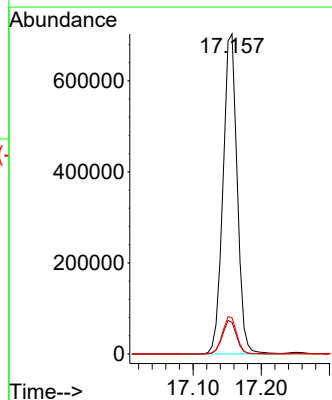
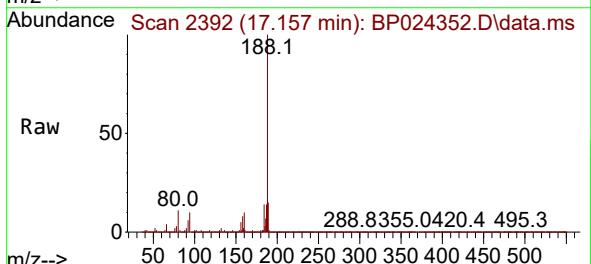
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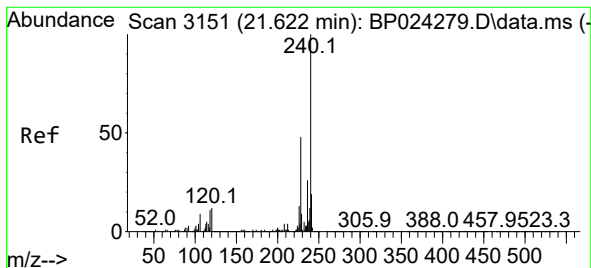
Tgt Ion:149 Resp: 103487
Ion Ratio Lower Upper
149 100
177 22.8 17.4 26.2
150 12.4 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP024352.D
Acq: 18 Apr 2025 21:31

Tgt Ion:188 Resp: 1018061
Ion Ratio Lower Upper
188 100
94 9.9 8.6 13.0
80 11.3 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3151

Delta R.T. 0.012 min

Lab File: BP024352.D

Acq: 18 Apr 2025 21:31

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE

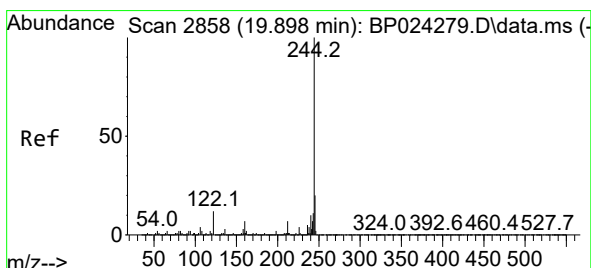
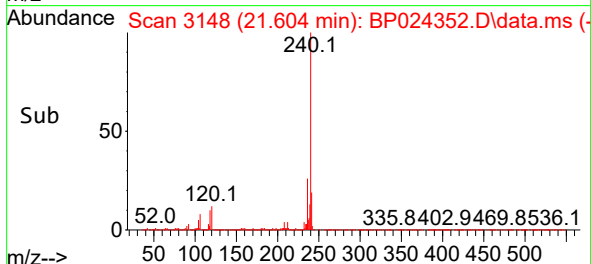
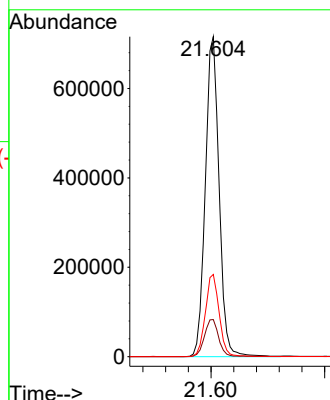
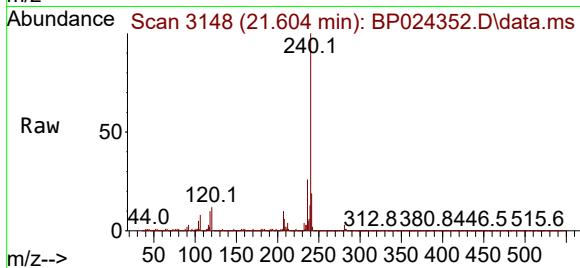
Tgt Ion:240 Resp: 1199653

Ion Ratio Lower Upper

240 100

120 11.6 9.8 14.8

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 92.176 ng

RT: 19.886 min Scan# 2856

Delta R.T. 0.012 min

Lab File: BP024352.D

Acq: 18 Apr 2025 21:31

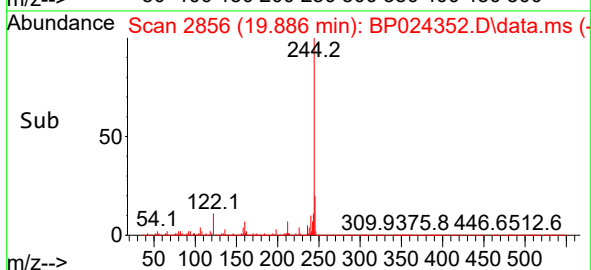
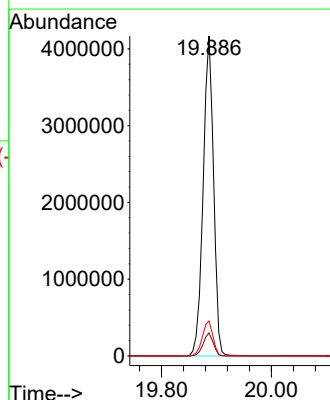
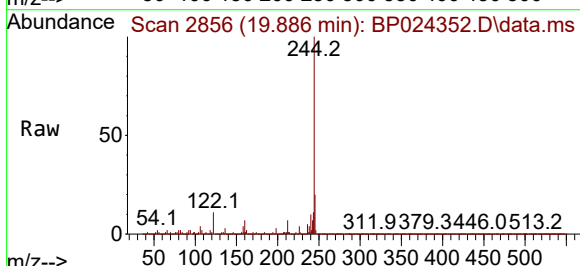
Tgt Ion:244 Resp: 5486039

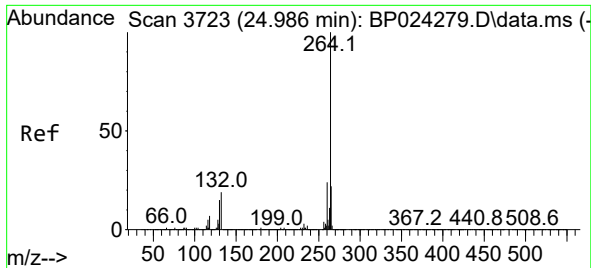
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.9 9.4 14.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.957 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP024352.D
Acq: 18 Apr 2025 21:31

Instrument :
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Tgt Ion:264 Resp: 1311223

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.2	17.8	26.6

