

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024257.D
 Acq On : 10 Apr 2025 19:10
 Operator : RC/JU
 Sample : Q1754-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-CONCRETE

Quant Time: Apr 11 01:22:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	268884	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1038906	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	637835	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1311291	20.000	ng	-0.02
76) Chrysene-d12	21.621	240	1431799	20.000	ng	-0.02
86) Perylene-d12	24.974	264	1492749	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2494560	148.094	ng	0.00
7) Phenol-d6	6.922	99	2855310	126.760	ng	0.00
23) Nitrobenzene-d5	8.887	82	2066937	112.251	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1526673	190.018	ng	-0.01
45) 2-Fluorobiphenyl	12.981	172	4346712	100.486	ng	-0.02
79) Terphenyl-d14	19.892	244	7744230	111.648	ng	-0.02

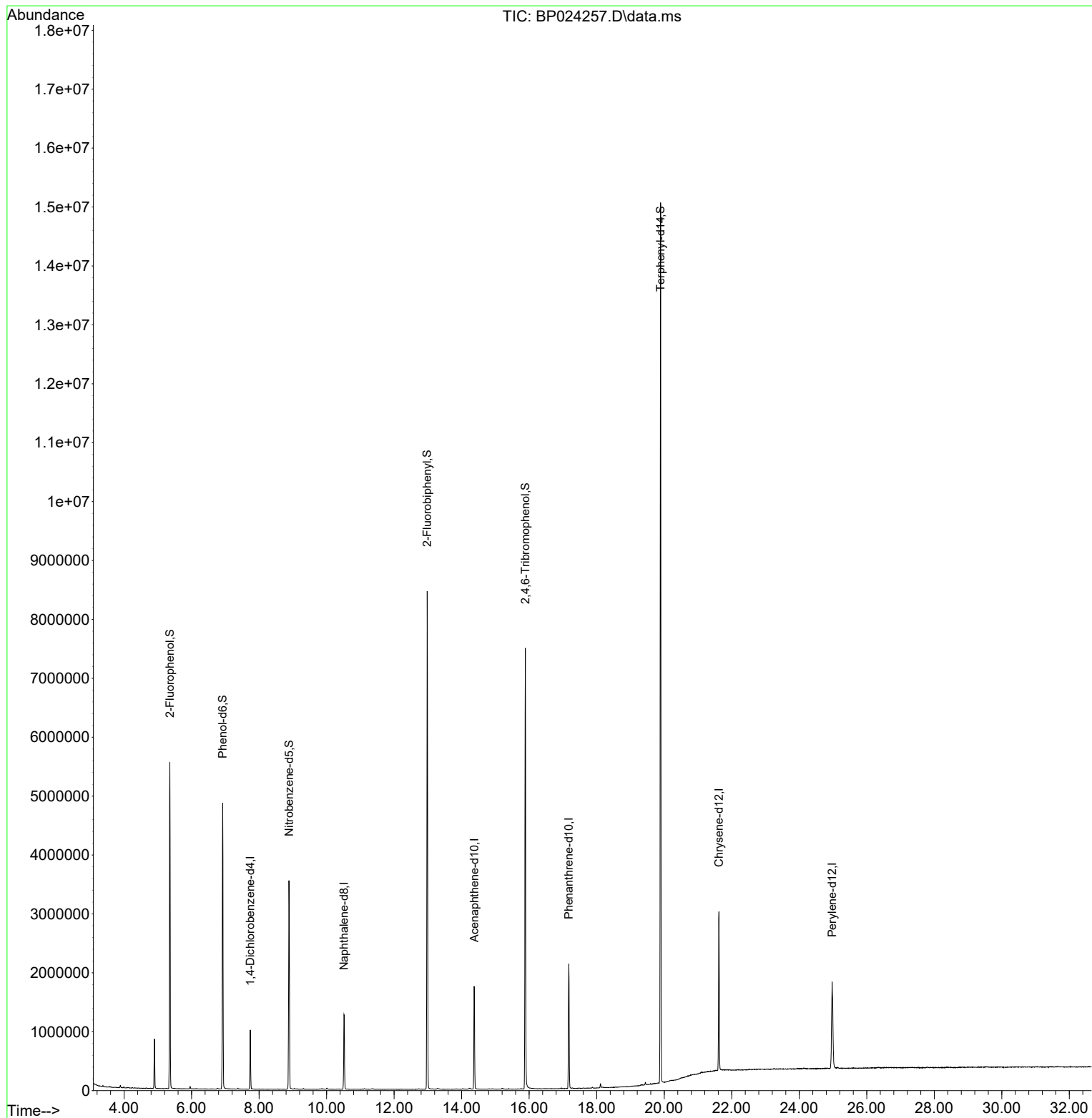
Target Compounds	Qvalue

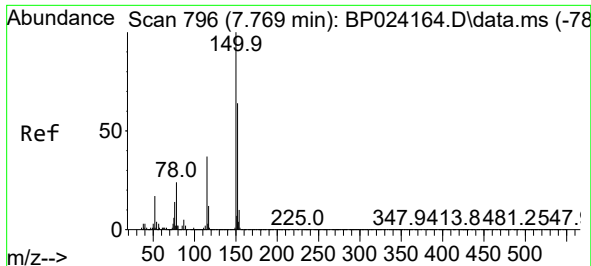
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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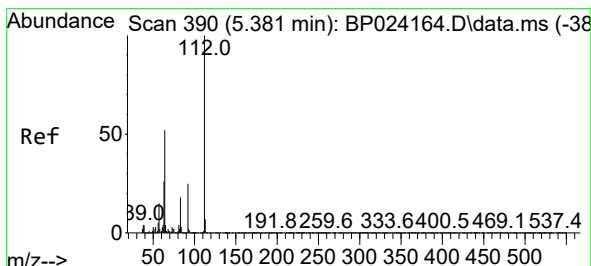
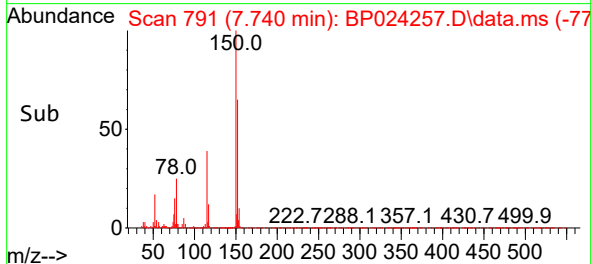
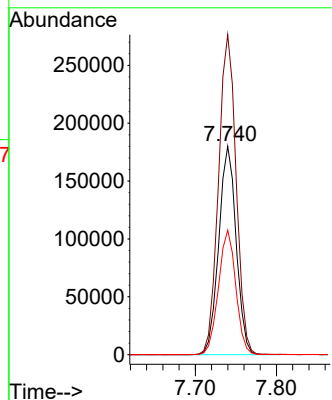
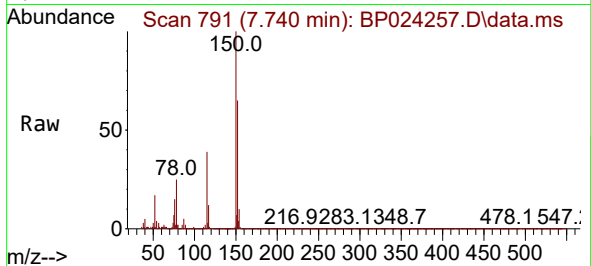




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024257.D
Acq: 10 Apr 2025 19:10

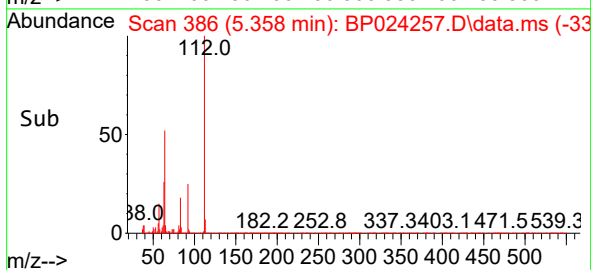
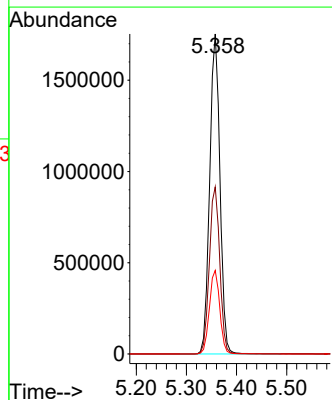
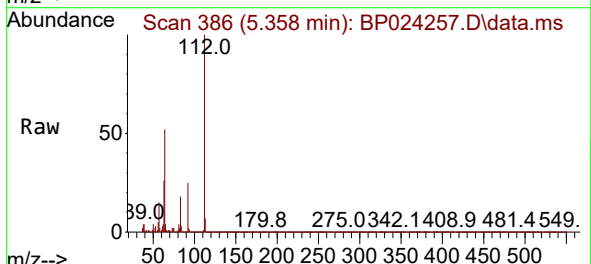
Instrument :
BNA_P
ClientSampleId :
TP-1-CONCRETE

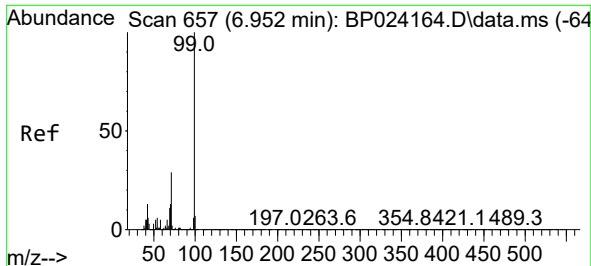
Tgt Ion:152 Resp: 268884
Ion Ratio Lower Upper
152 100
150 153.5 125.5 188.3
115 59.7 46.3 69.5



#5
2-Fluorophenol
Concen: 148.094 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024257.D
Acq: 10 Apr 2025 19:10

Tgt Ion:112 Resp: 2494560
Ion Ratio Lower Upper
112 100
64 52.2 41.3 61.9
63 26.1 20.6 31.0

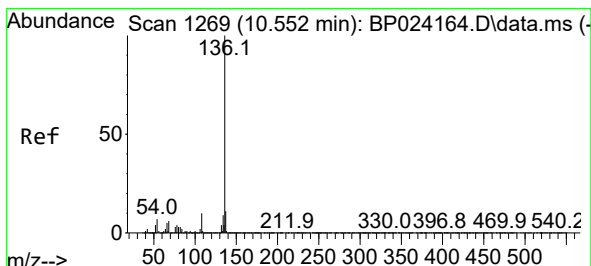
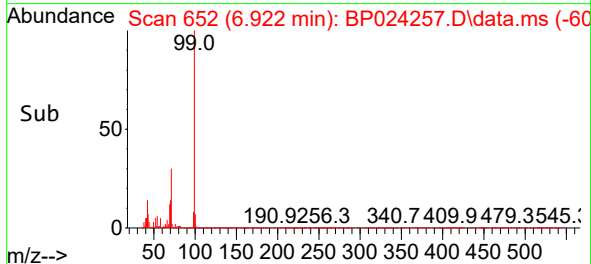
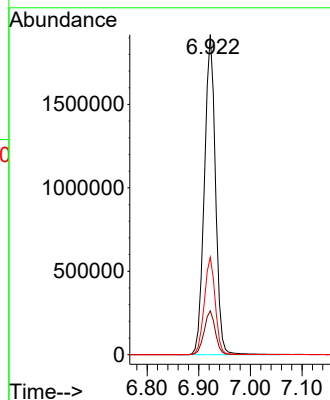
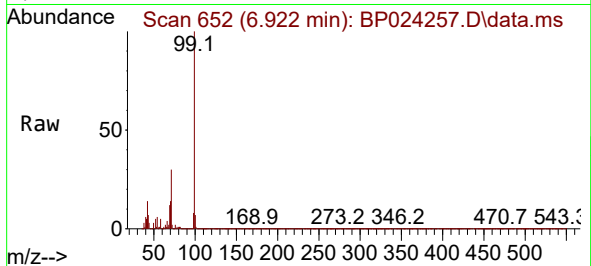




#7
Phenol-d6
Concen: 126.760 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024257.D
Acq: 10 Apr 2025 19:10

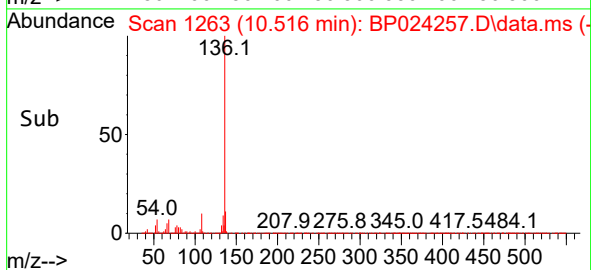
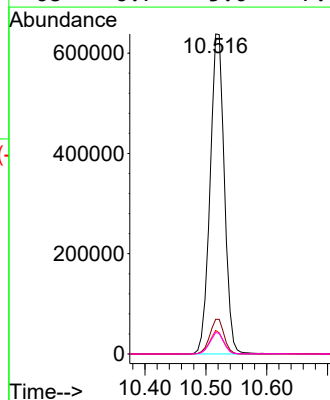
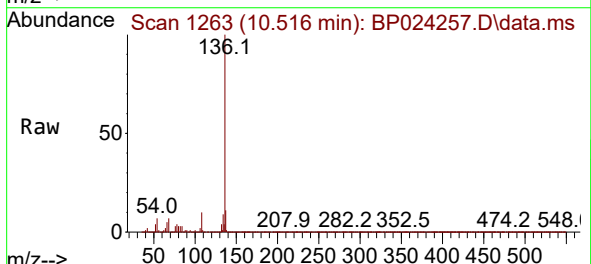
Instrument :
BNA_P
ClientSampleId :
TP-1-CONCRETE

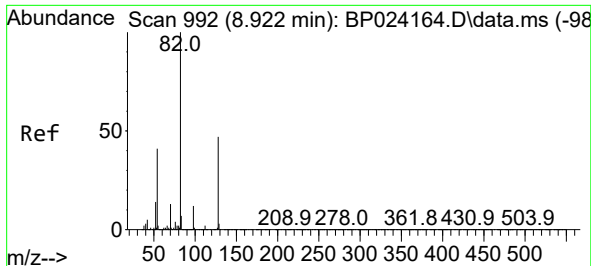
Tgt Ion: 99 Resp: 2855310
Ion Ratio Lower Upper
99 100
42 13.7 10.6 16.0
71 30.4 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024257.D
Acq: 10 Apr 2025 19:10

Tgt Ion: 136 Resp: 1038906
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.3 5.3 7.9
68 6.7 5.0 7.4

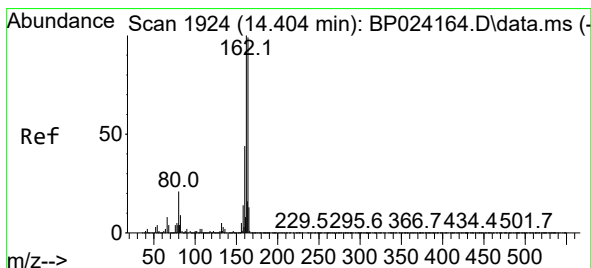
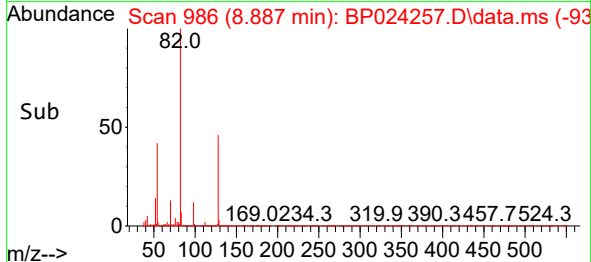
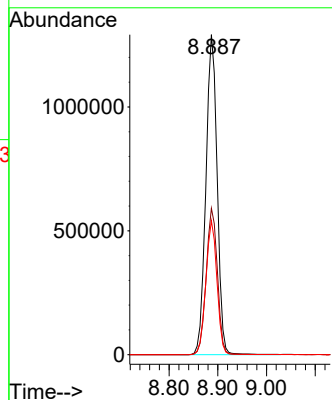
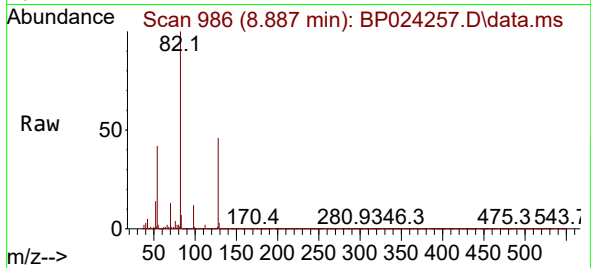




#23
Nitrobenzene-d5
Concen: 112.251 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024257.D
Acq: 10 Apr 2025 19:10

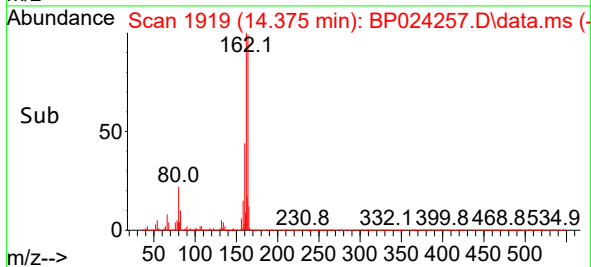
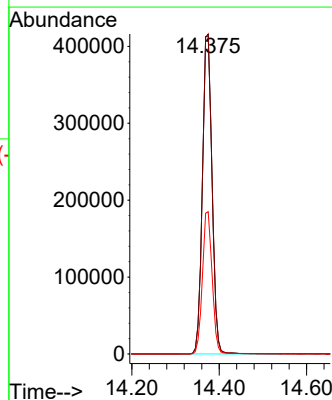
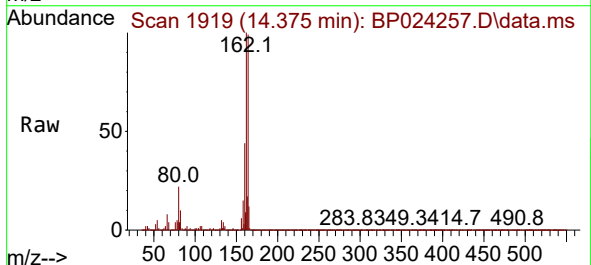
Instrument :
BNA_P
ClientSampleId :
TP-1-CONCRETE

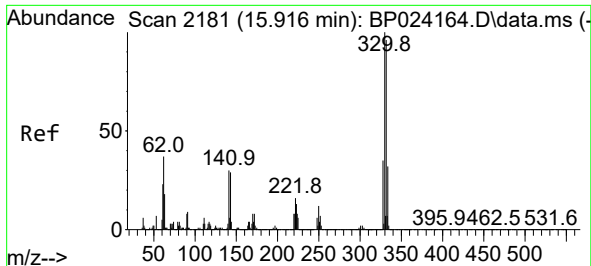
Tgt Ion: 82 Resp: 2066937
Ion Ratio Lower Upper
82 100
128 45.7 37.4 56.0
54 41.8 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.018 min
Lab File: BP024257.D
Acq: 10 Apr 2025 19:10

Tgt Ion: 164 Resp: 637835
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 44.7 35.4 53.2

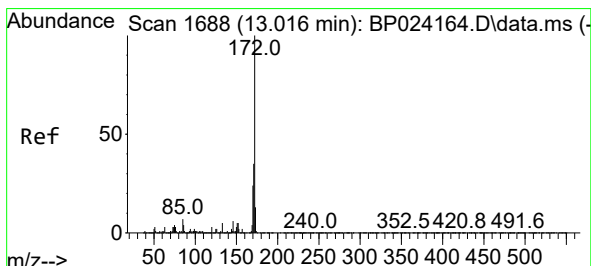
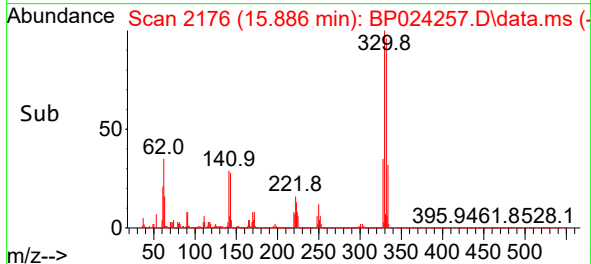
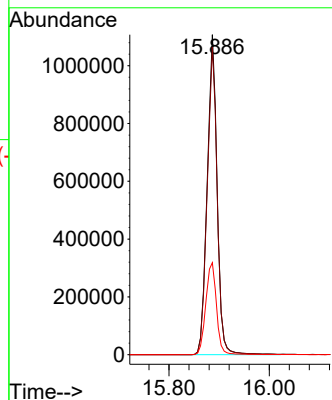
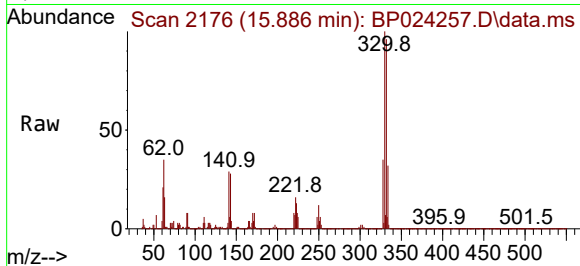




#42
2,4,6-Tribromophenol
Concen: 190.018 ng
RT: 15.886 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP024257.D
Acq: 10 Apr 2025 19:10

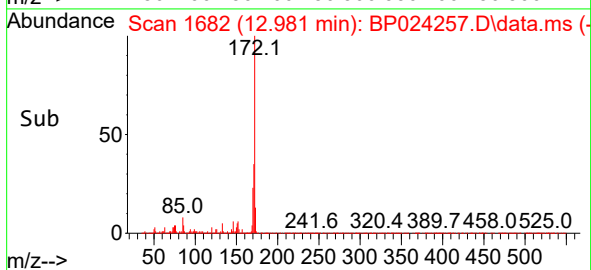
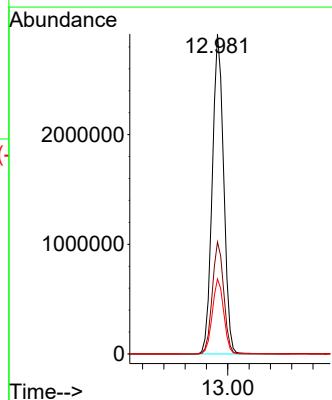
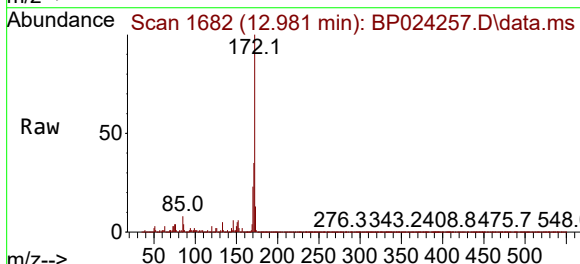
Instrument :
BNA_P
ClientSampleId :
TP-1-CONCRETE

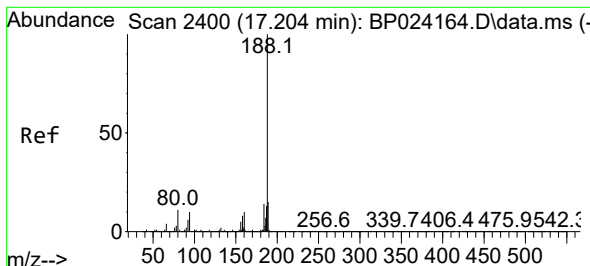
Tgt Ion: 330 Resp: 1526673
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 31.2 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 100.486 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.018 min
Lab File: BP024257.D
Acq: 10 Apr 2025 19:10

Tgt Ion: 172 Resp: 4346712
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024257.D

Acq: 10 Apr 2025 19:10

Instrument :

BNA_P

ClientSampleId :

TP-1-CONCRETE

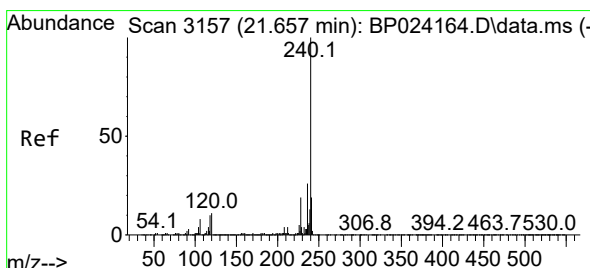
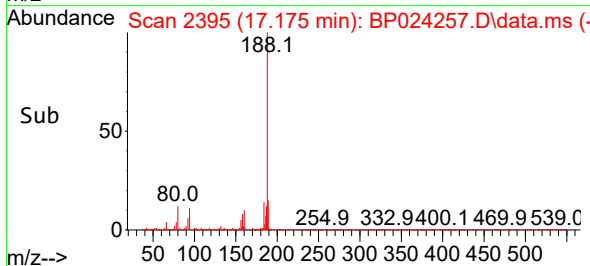
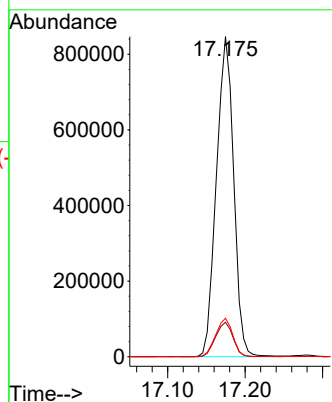
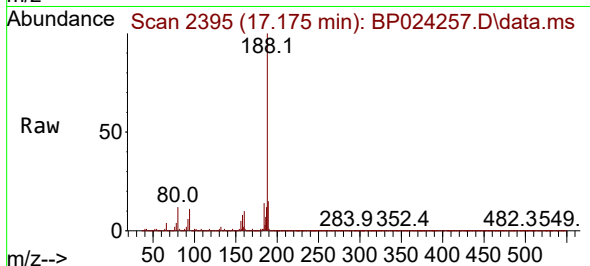
Tgt Ion:188 Resp: 1311291

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

80 12.0 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.621 min Scan# 3151

Delta R.T. -0.023 min

Lab File: BP024257.D

Acq: 10 Apr 2025 19:10

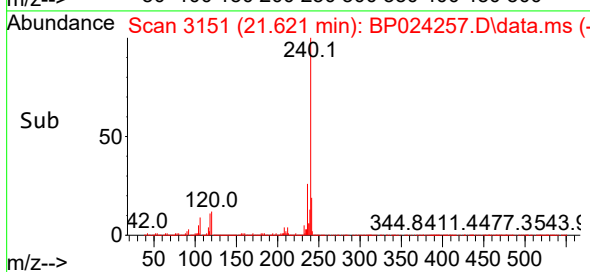
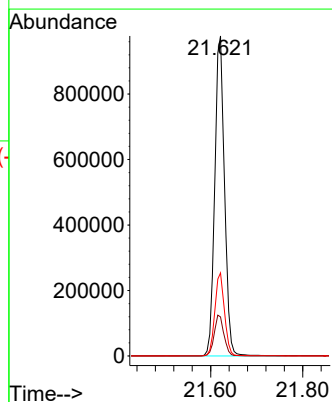
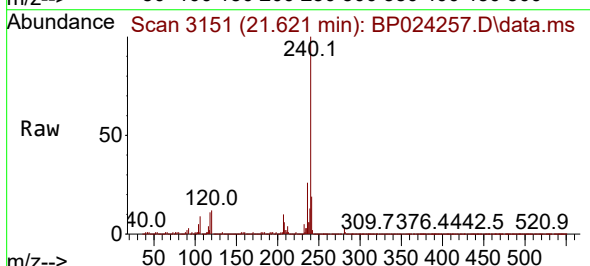
Tgt Ion:240 Resp: 1431799

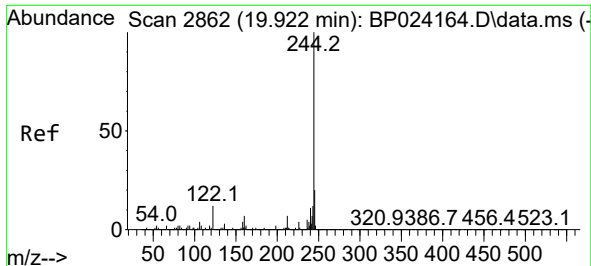
Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 25.9 20.4 30.6

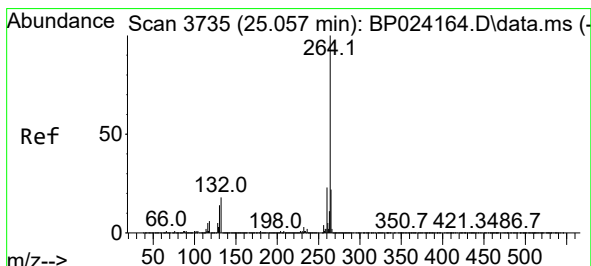
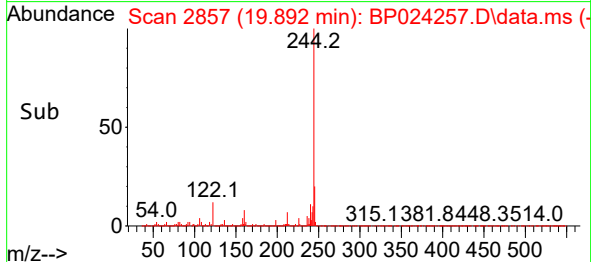
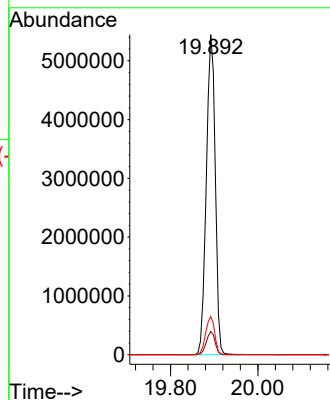
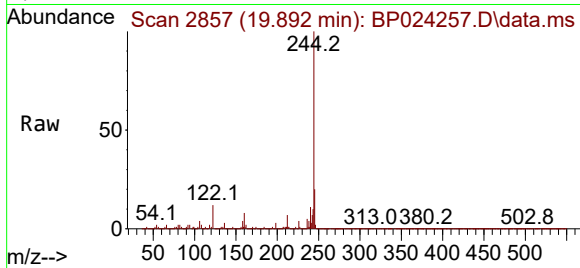




#79
 Terphenyl-d14
 Concen: 111.648 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP024257.D
 Acq: 10 Apr 2025 19:10

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-CONCRETE

Tgt Ion:244 Resp: 7744230
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 11.9 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.974 min Scan# 3721
 Delta R.T. -0.035 min
 Lab File: BP024257.D
 Acq: 10 Apr 2025 19:10

Tgt Ion:264 Resp: 1492749
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 22.1 17.7 26.5

