

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024360.D
 Acq On : 21 Apr 2025 13:35
 Operator : RC/JU
 Sample : Q1821-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-CUTTING

Quant Time: Apr 21 14:55:58 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	212685	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	807198	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	469884	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	914270	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1076208	20.000	ng	0.00
86) Perylene-d12	24.927	264	1302876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1602727	124.599	ng	0.00
7) Phenol-d6	6.910	99	1919506	108.981	ng	0.00
23) Nitrobenzene-d5	8.869	82	1232575	87.070	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	912095	140.299	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2599194	84.694	ng	0.00
79) Terphenyl-d14	19.869	244	4731954	88.625	ng	0.00

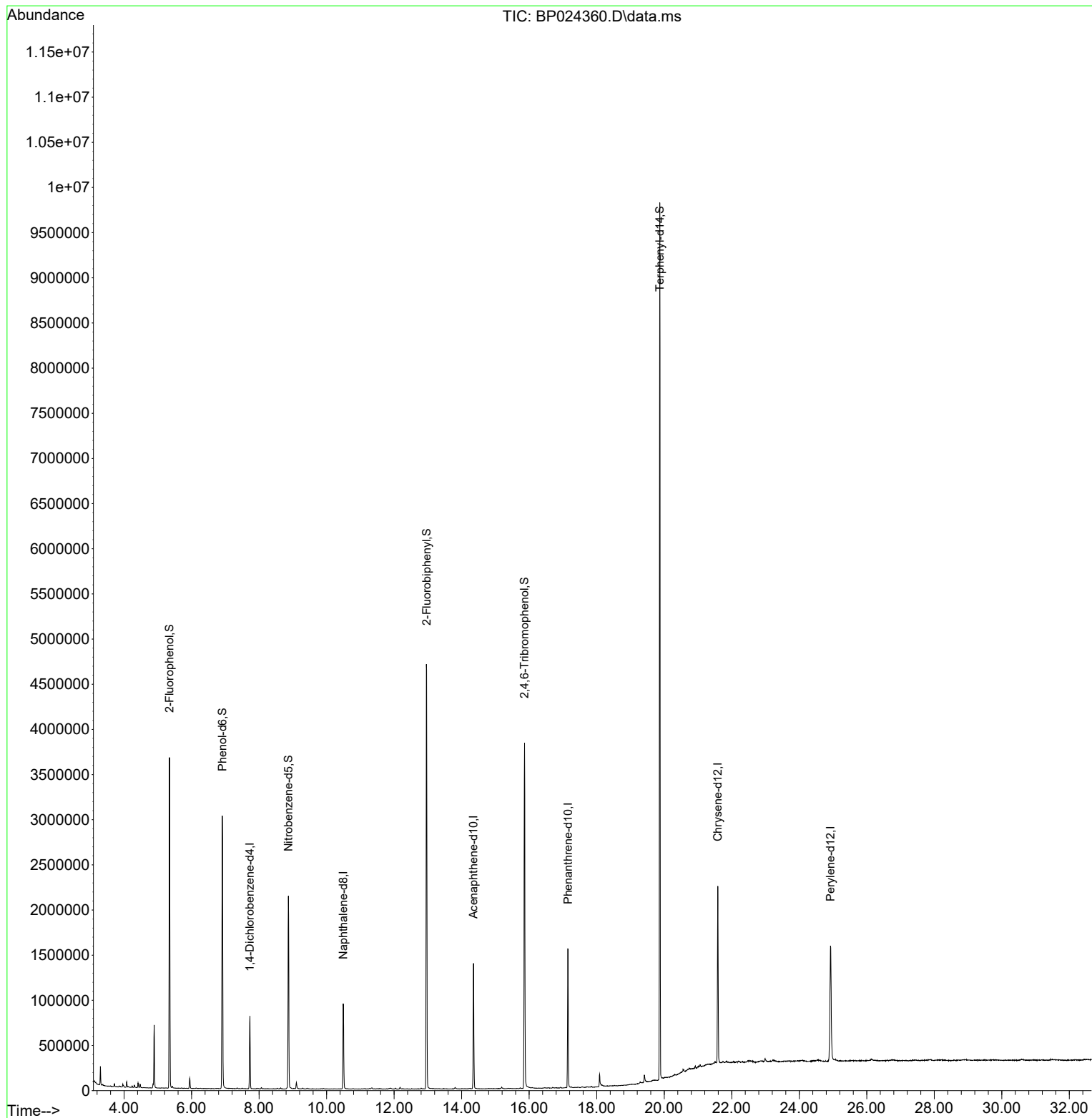
Target Compounds	Qvalue

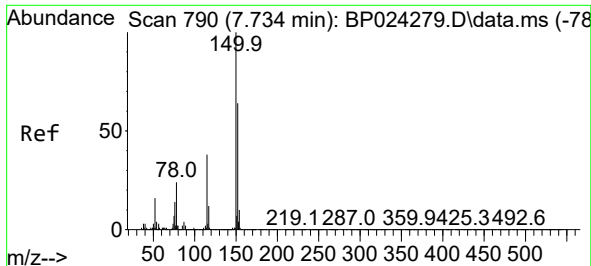
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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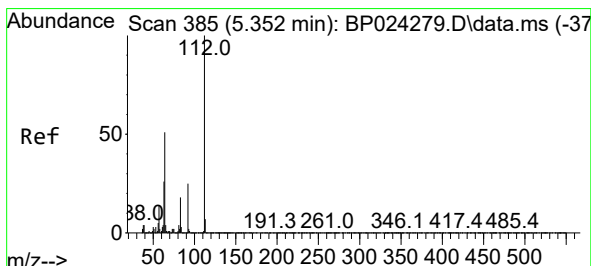
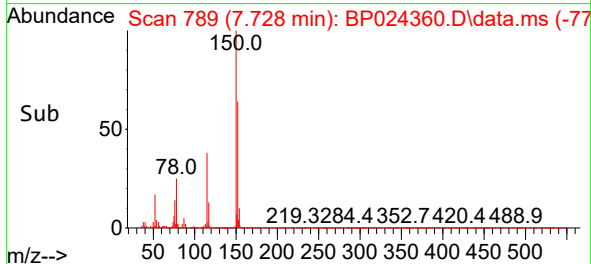
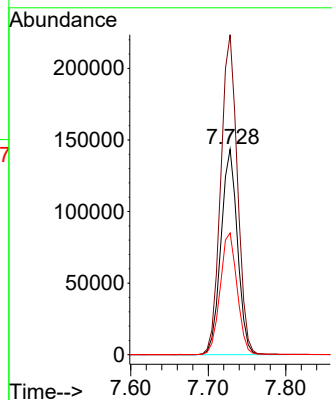
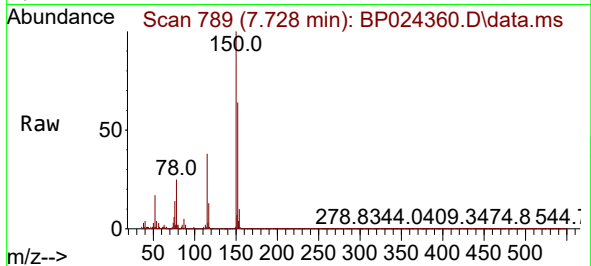




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP024360.D
Acq: 21 Apr 2025 13:35

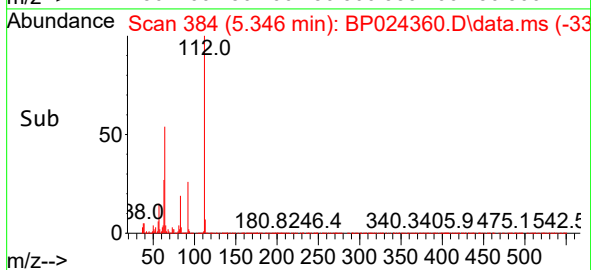
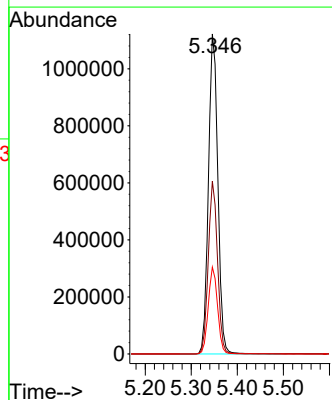
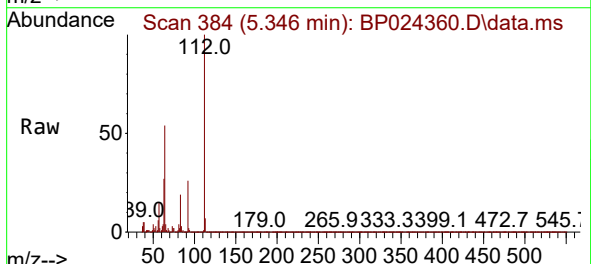
Instrument :
BNA_P
ClientSampleId :
SOIL-CUTTING

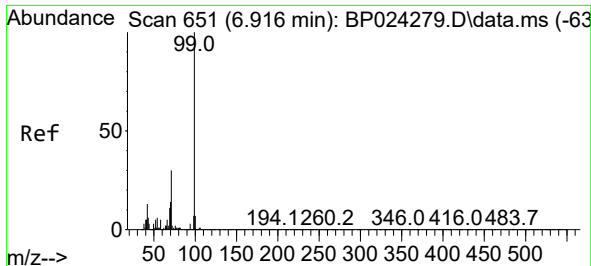
Tgt Ion:152 Resp: 212685
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 59.3 47.7 71.5



#5
2-Fluorophenol
Concen: 124.599 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024360.D
Acq: 21 Apr 2025 13:35

Tgt Ion:112 Resp: 1602727
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 27.2 20.6 30.8

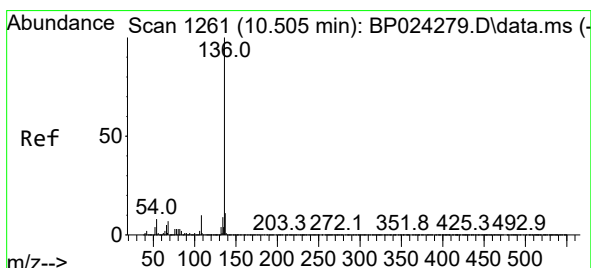
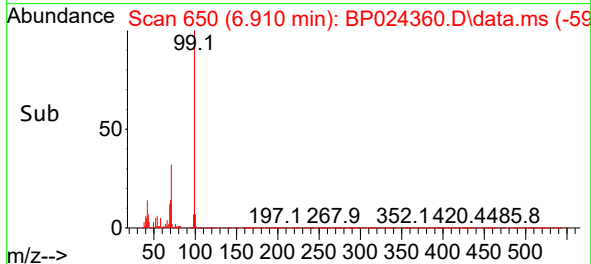
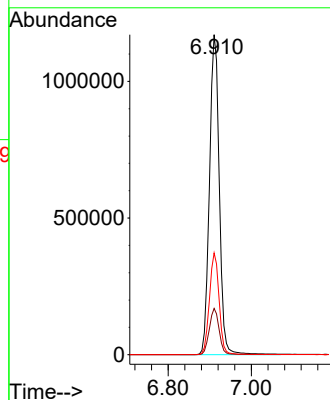
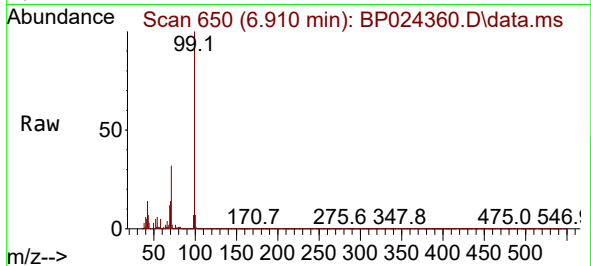




#7
Phenol-d6
Concen: 108.981 ng
RT: 6.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024360.D
Acq: 21 Apr 2025 13:35

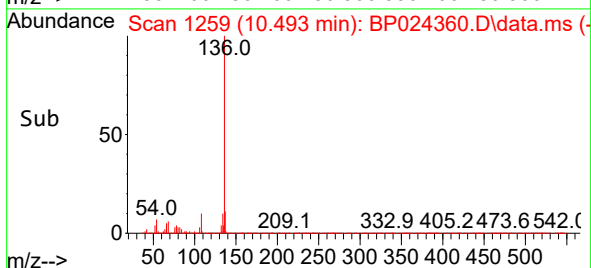
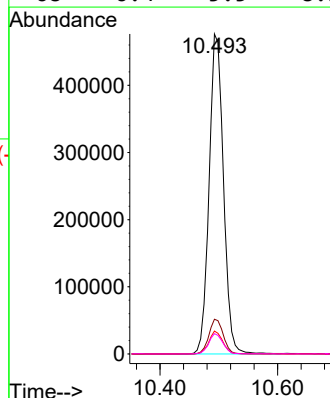
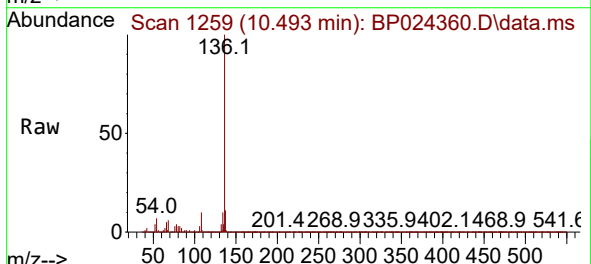
Instrument :
BNA_P
ClientSampleId :
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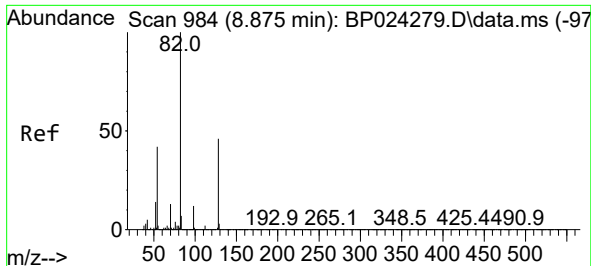
Tgt Ion: 99 Resp: 1919506
Ion Ratio Lower Upper
99 100
42 14.5 10.6 16.0
71 31.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024360.D
Acq: 21 Apr 2025 13:35

Tgt Ion:136 Resp: 807198
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.2 6.0 9.0
68 6.4 5.5 8.3

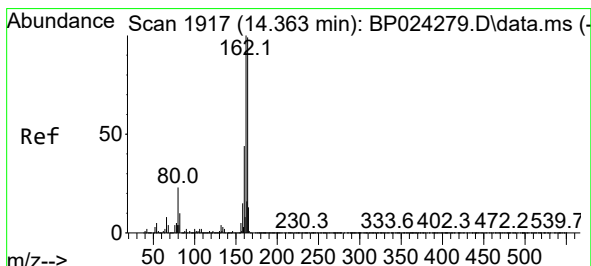
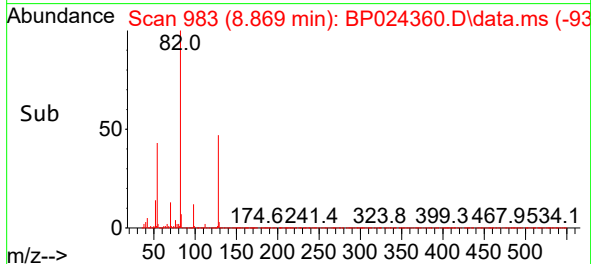
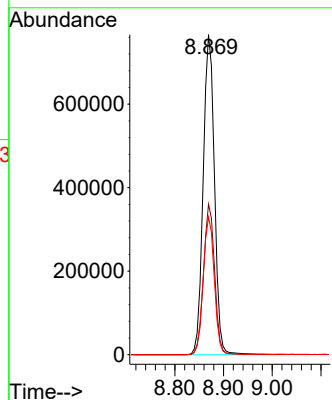
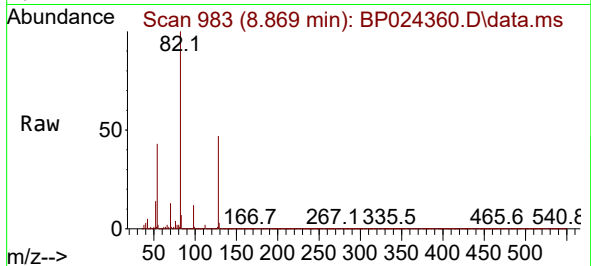




#23
Nitrobenzene-d5
Concen: 87.070 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024360.D
Acq: 21 Apr 2025 13:35

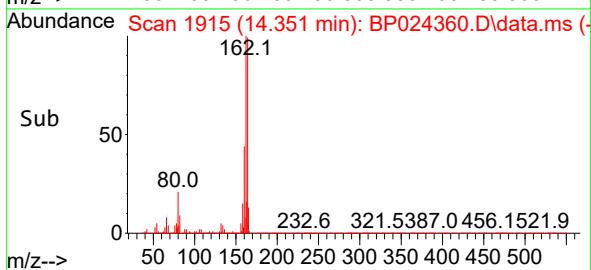
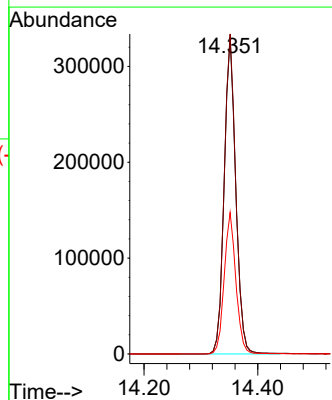
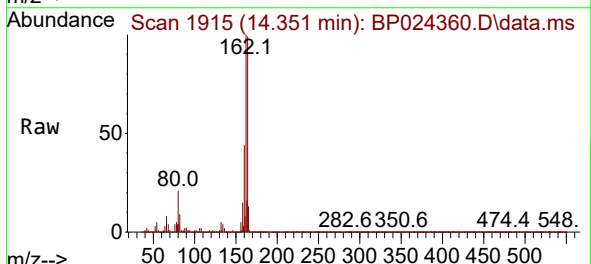
Instrument :
BNA_P
ClientSampleId :
SOIL-CUTTING

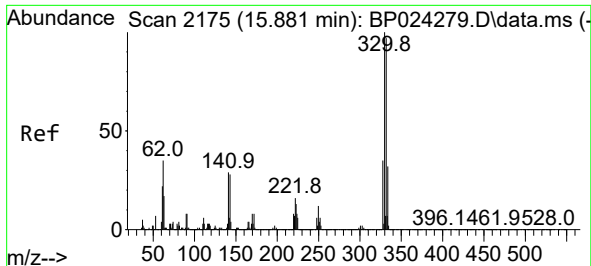
Tgt Ion: 82 Resp: 1232575
Ion Ratio Lower Upper
82 100
128 47.0 36.5 54.7
54 43.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024360.D
Acq: 21 Apr 2025 13:35

Tgt Ion:164 Resp: 469884
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.7 35.3 52.9

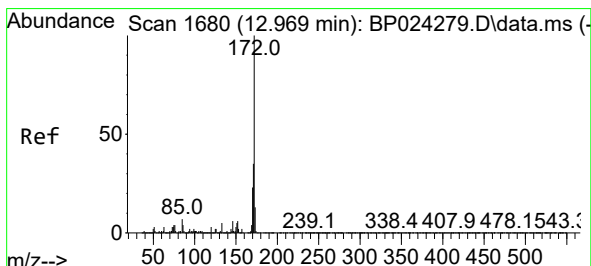
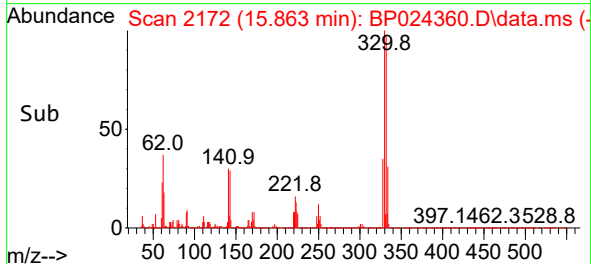
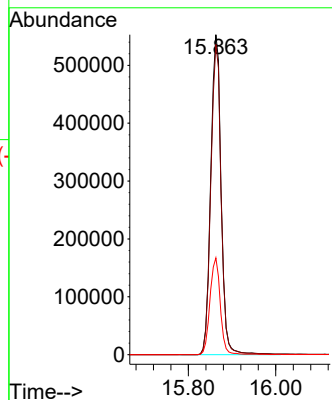
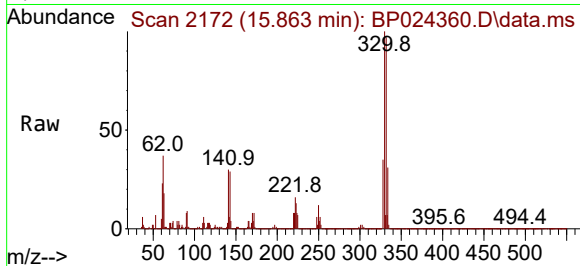




#42
2,4,6-Tribromophenol
Concen: 140.299 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP024360.D
Acq: 21 Apr 2025 13:35

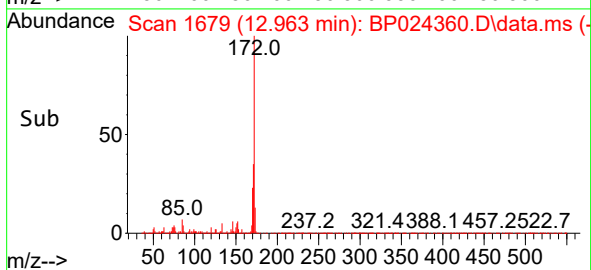
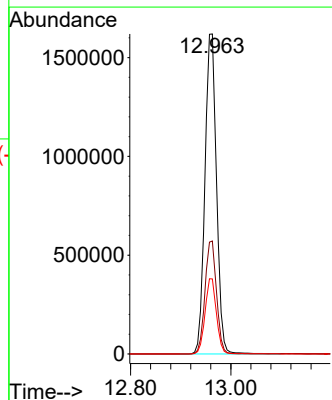
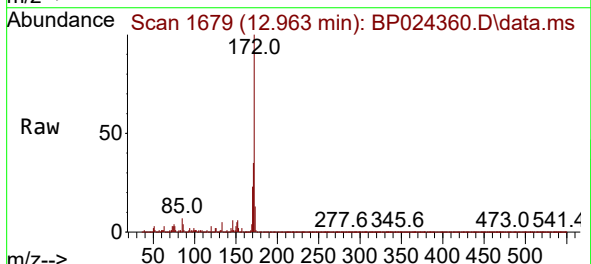
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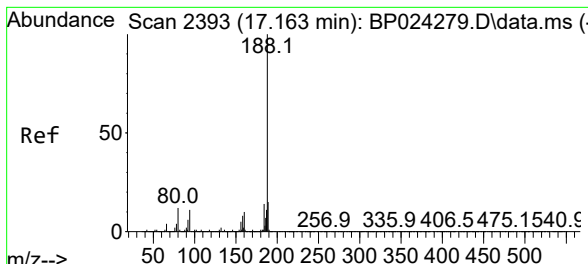
Tgt Ion:330 Resp: 912095
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 30.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 84.694 ng
RT: 12.963 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BP024360.D
Acq: 21 Apr 2025 13:35

Tgt Ion:172 Resp: 2599194
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 18.6 27.8

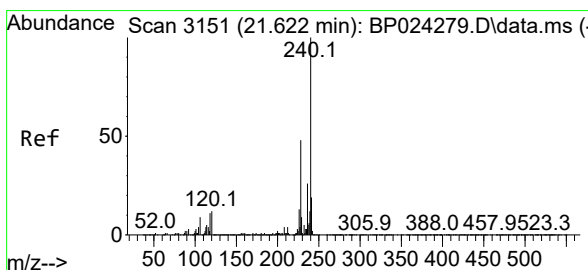
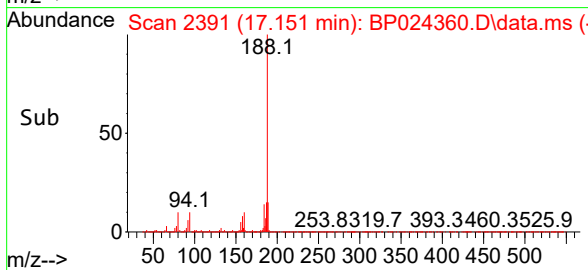
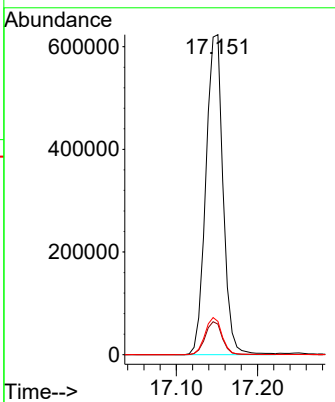
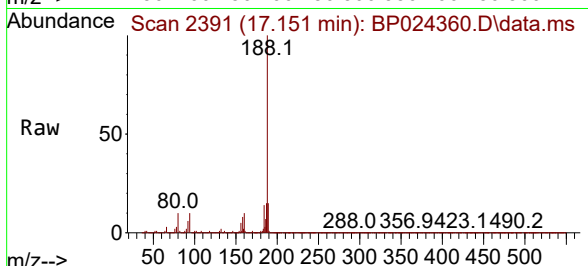




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.151 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024360.D
 Acq: 21 Apr 2025 13:35

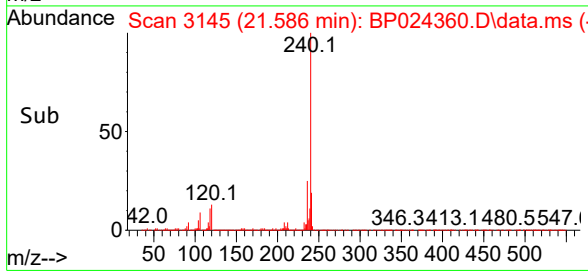
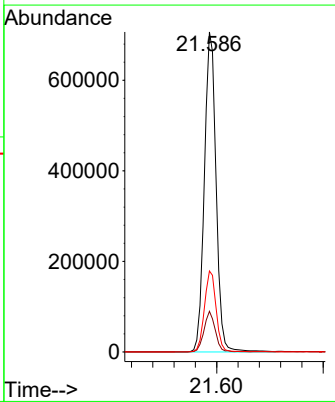
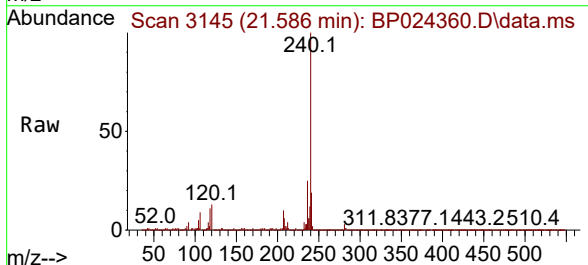
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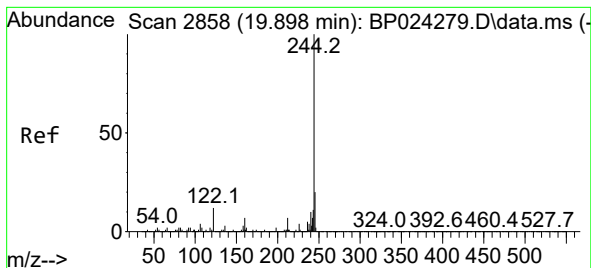
Tgt Ion:	188	Resp:	914270
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.6	13.0
80	10.4	9.8	14.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.586 min Scan# 3145
 Delta R.T. -0.006 min
 Lab File: BP024360.D
 Acq: 21 Apr 2025 13:35

Tgt Ion:	240	Resp:	1076208
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.8	14.8
236	25.3	20.9	31.3





#79

Terphenyl-d14

Concen: 88.625 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024360.D

Acq: 21 Apr 2025 13:35

Instrument :

BNA_P

ClientSampleId :

SOIL-CUTTING

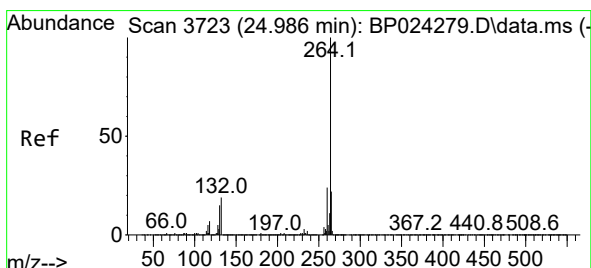
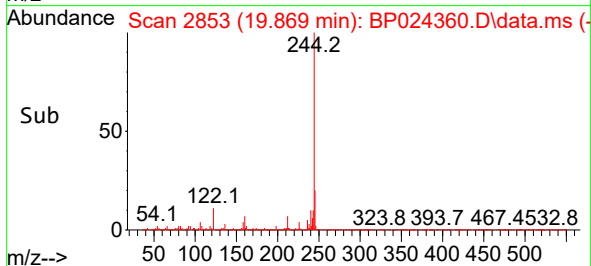
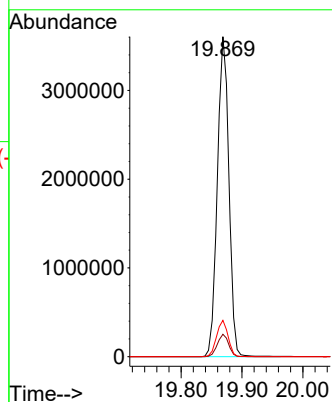
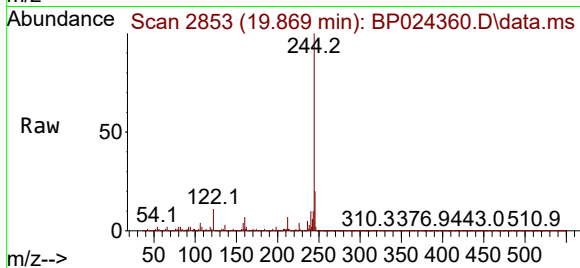
Tgt Ion:244 Resp: 4731954

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.3 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 3713

Delta R.T. -0.006 min

Lab File: BP024360.D

Acq: 21 Apr 2025 13:35

Tgt Ion:264 Resp: 1302876

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.0 17.8 26.6

