

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024358.D
 Acq On : 21 Apr 2025 12:14
 Operator : RC/JU
 Sample : Q1826-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-PILE

Quant Time: Apr 21 12:47:25 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	240175	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	935811	20.000	ng	0.00
39) Acenaphthene-d10	14.340	164	418058	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	1121852	20.000	ng	0.00
76) Chrysene-d12	21.592	240	851834	20.000	ng	0.00
86) Perylene-d12	24.927	264	66068	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1985423	136.684	ng	0.00
7) Phenol-d6	6.910	99	2124519	106.815	ng	0.00
23) Nitrobenzene-d5	8.869	82	1557367	94.894	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	1263932	218.520	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	3302238	120.942	ng	0.00
79) Terphenyl-d14	19.886	244	5914410	139.949	ng	0.01

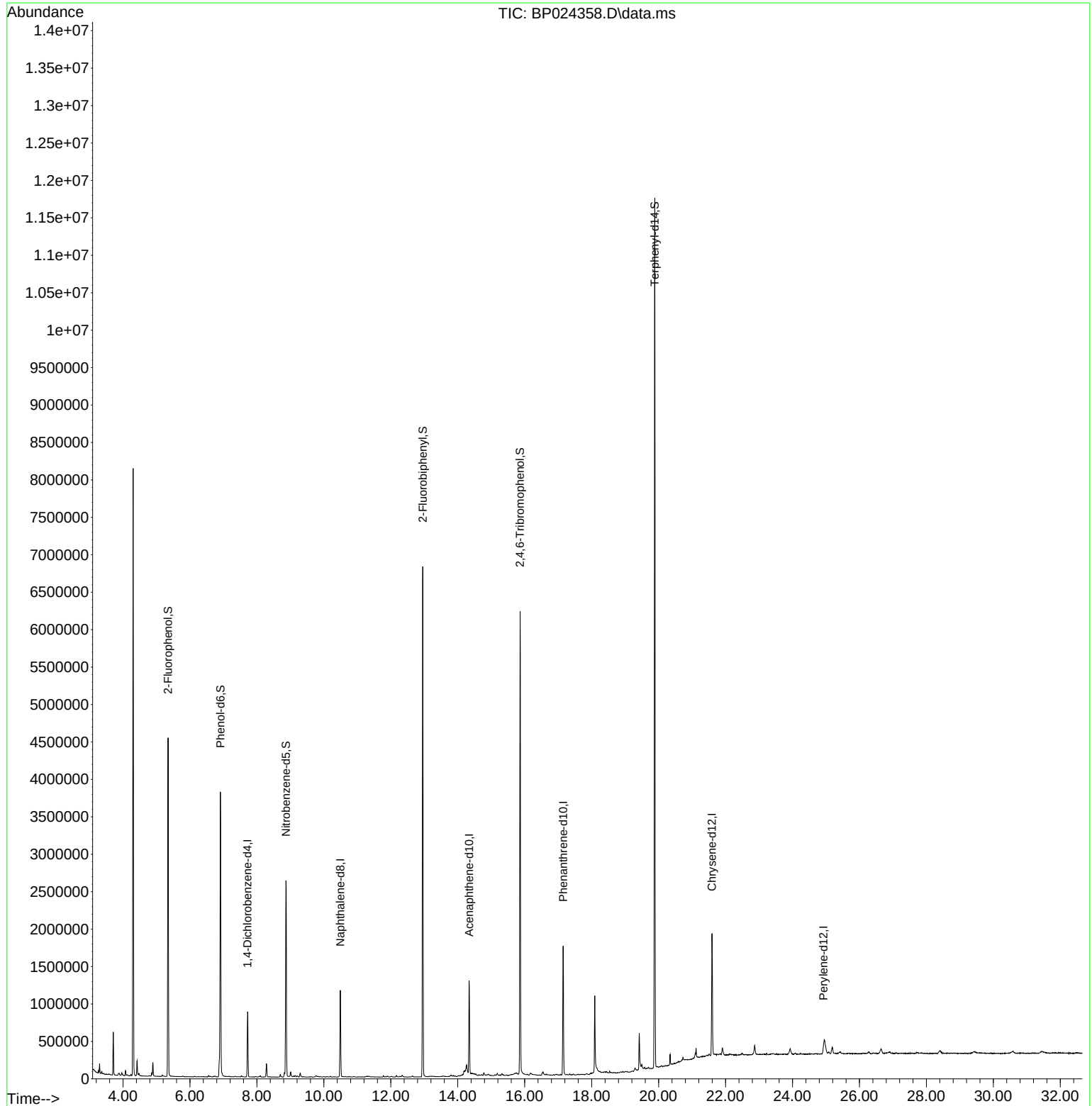
Target Compounds	Qvalue

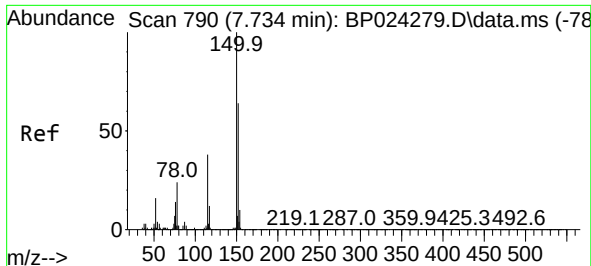
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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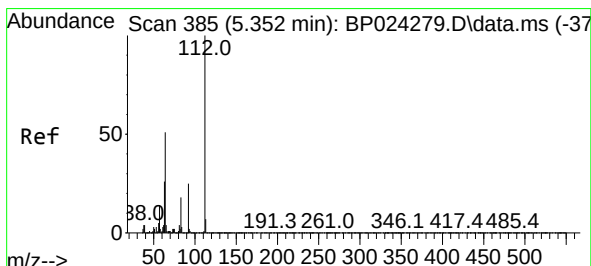
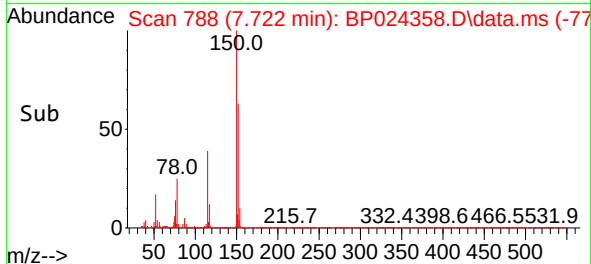
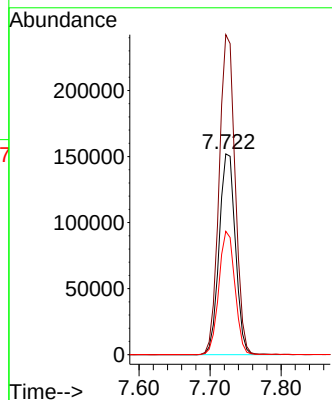
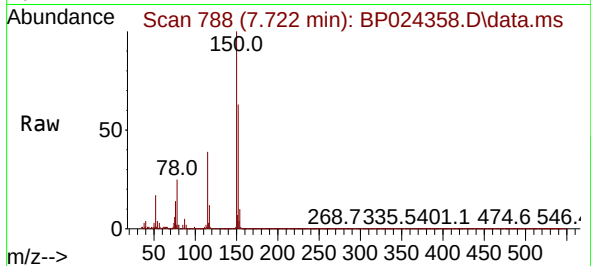




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024358.D
Acq: 21 Apr 2025 12:14

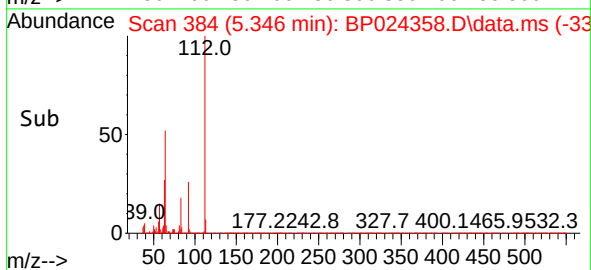
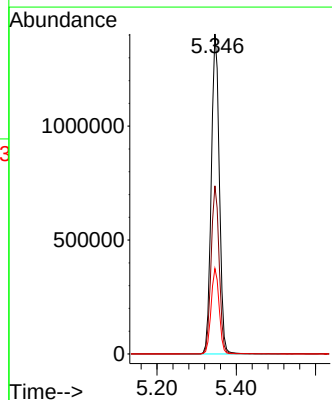
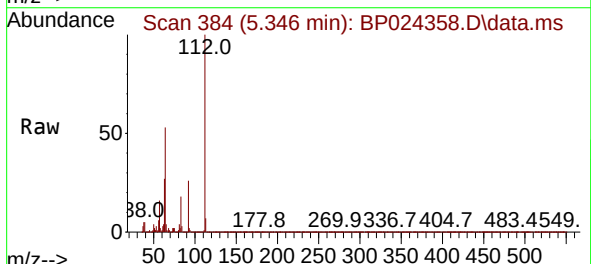
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

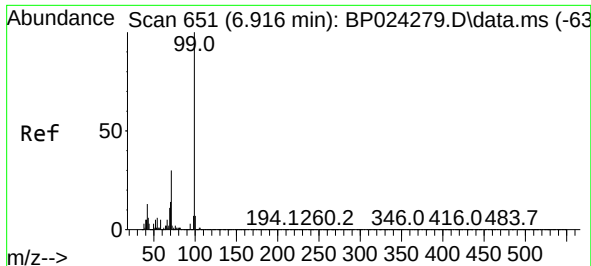
Tgt Ion:152 Resp: 240175
Ion Ratio Lower Upper
152 100
150 159.4 124.9 187.3
115 61.4 47.7 71.5



#5
2-Fluorophenol
Concen: 136.684 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024358.D
Acq: 21 Apr 2025 12:14

Tgt Ion:112 Resp: 1985423
Ion Ratio Lower Upper
112 100
64 52.5 41.1 61.7
63 26.7 20.6 30.8

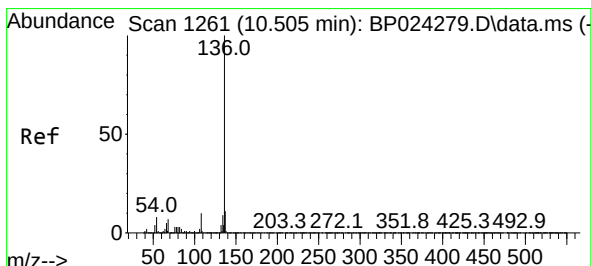
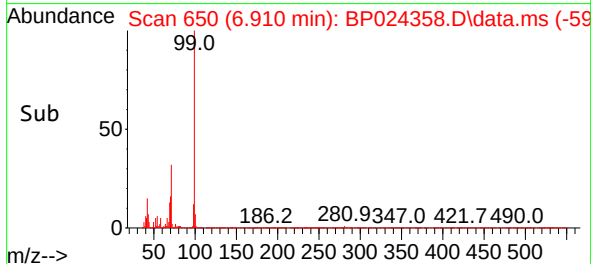
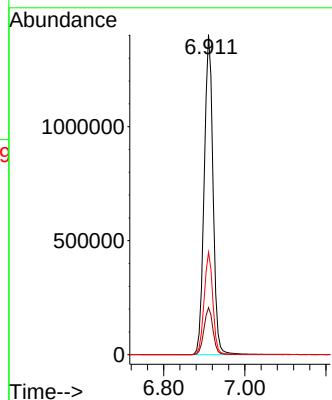
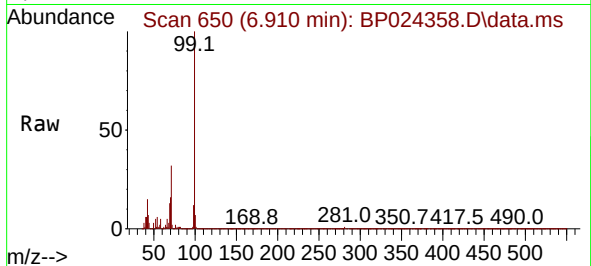




#7
Phenol-d6
Concen: 106.815 ng
RT: 6.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024358.D
Acq: 21 Apr 2025 12:14

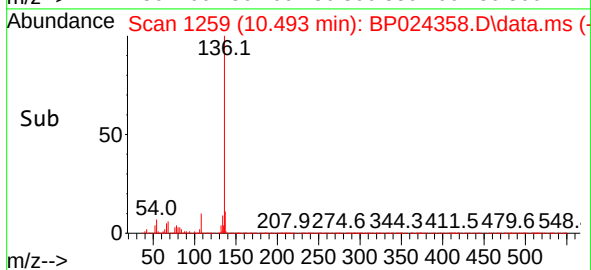
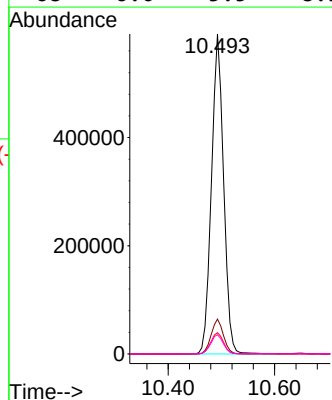
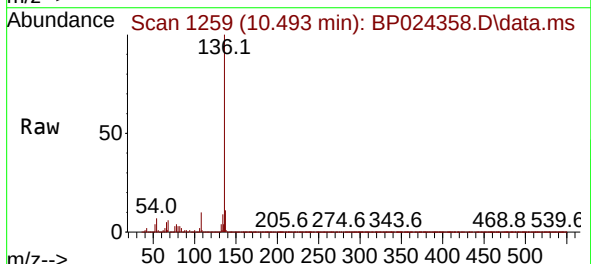
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

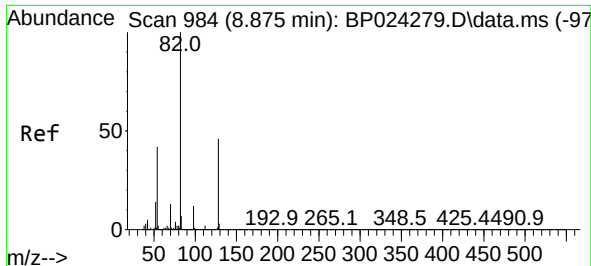
Tgt Ion: 99 Resp: 2124519
Ion Ratio Lower Upper
99 100
42 14.7 10.6 16.0
71 32.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024358.D
Acq: 21 Apr 2025 12:14

Tgt Ion:136 Resp: 935811
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.7 6.0 9.0
68 6.0 5.5 8.3

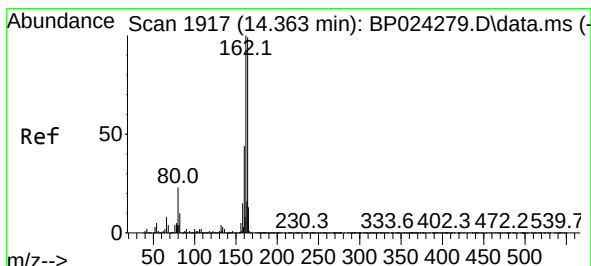
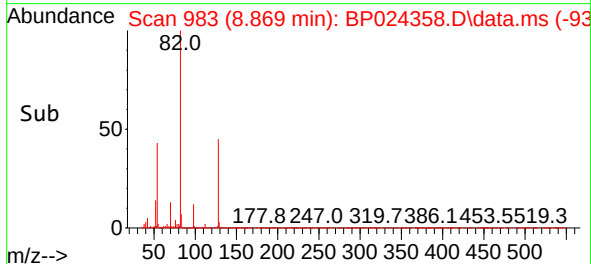
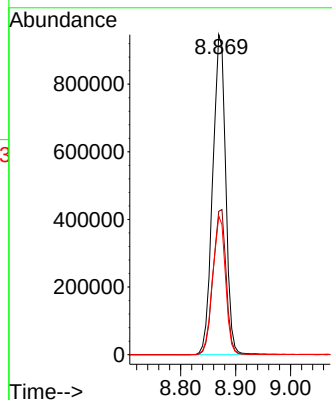
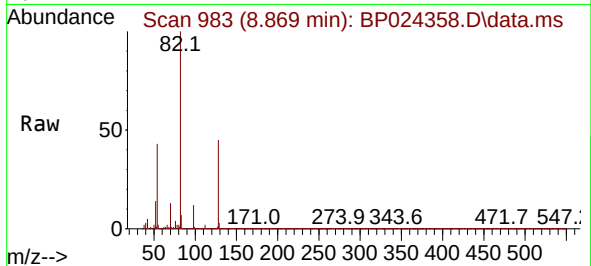




#23
Nitrobenzene-d5
Concen: 94.894 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024358.D
Acq: 21 Apr 2025 12:14

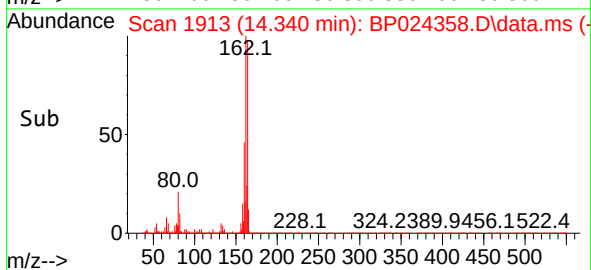
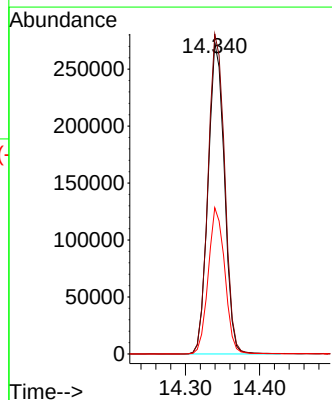
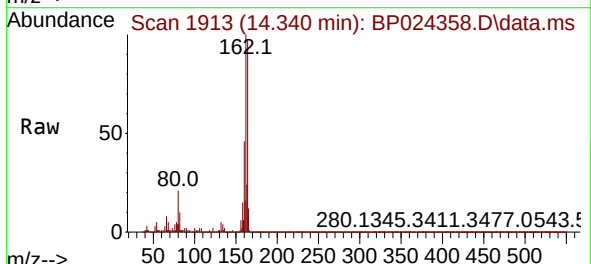
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

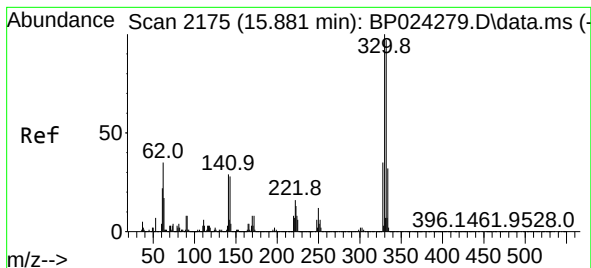
Tgt Ion: 82 Resp: 1557367
Ion Ratio Lower Upper
82 100
128 44.8 36.5 54.7
54 43.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024358.D
Acq: 21 Apr 2025 12:14

Tgt Ion: 164 Resp: 418058
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 46.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 218.520 ng

RT: 15.863 min Scan# 2175

Delta R.T. 0.000 min

Lab File: BP024358.D

Acq: 21 Apr 2025 12:14

Instrument :

BNA_P

ClientSampleId :

SOIL-PILE

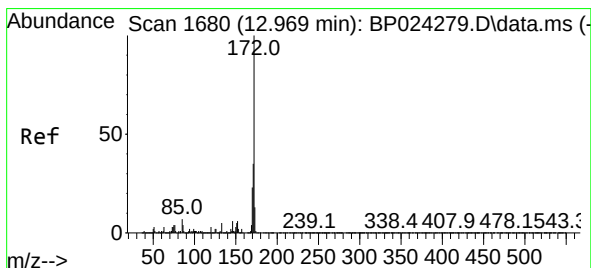
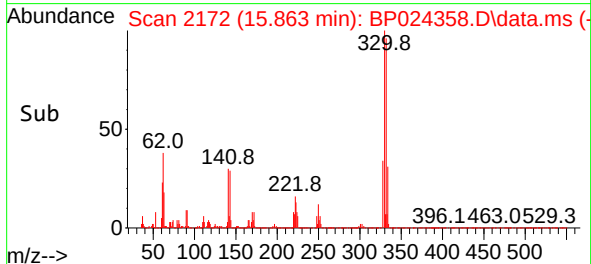
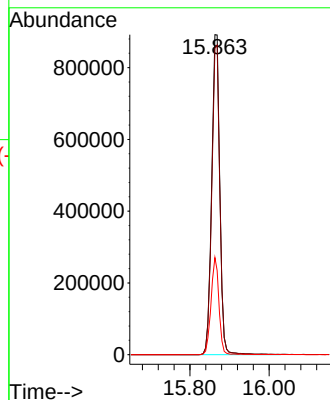
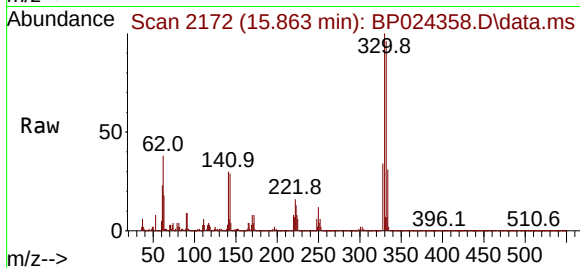
Tgt Ion:330 Resp: 1263932

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 29.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 120.942 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024358.D

Acq: 21 Apr 2025 12:14

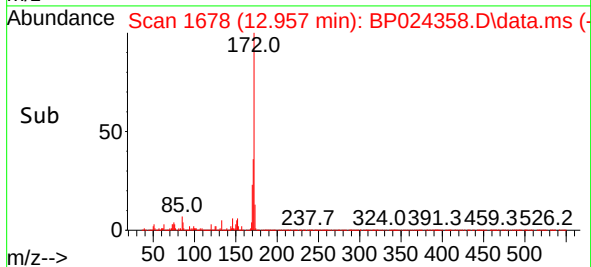
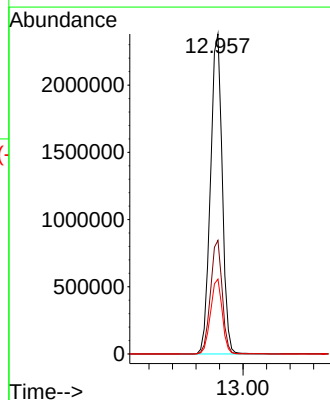
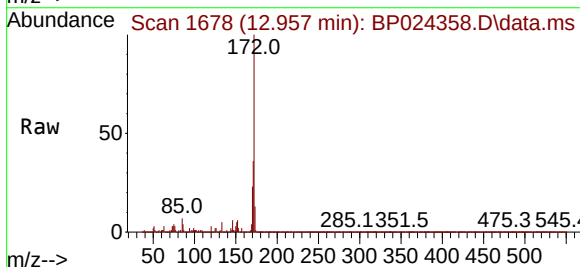
Tgt Ion:172 Resp: 3302238

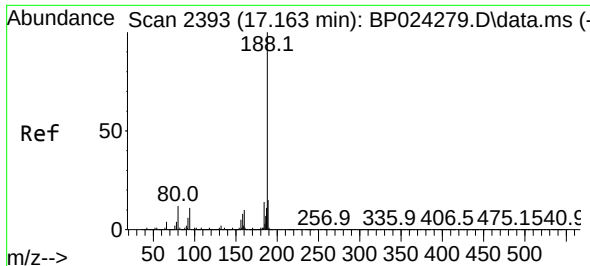
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.4 18.6 27.8

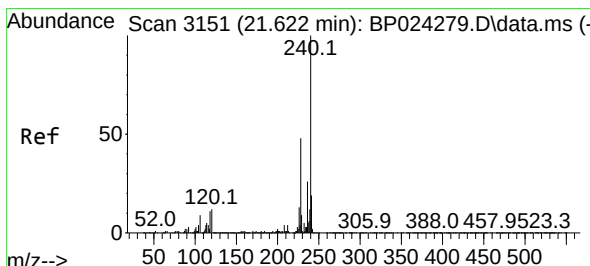
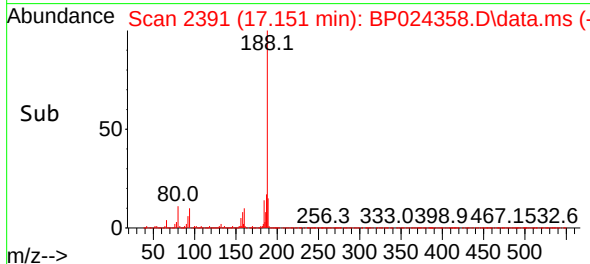
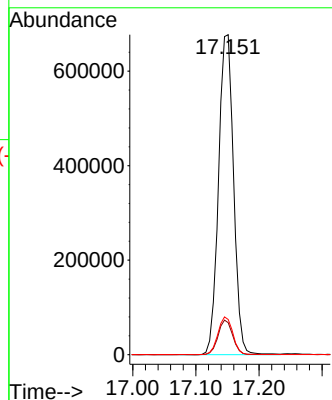
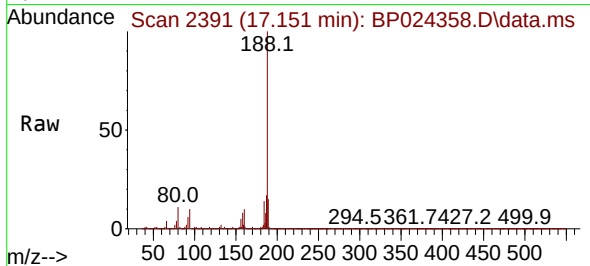




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024358.D
Acq: 21 Apr 2025 12:14

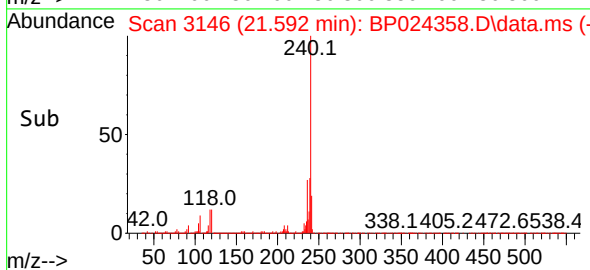
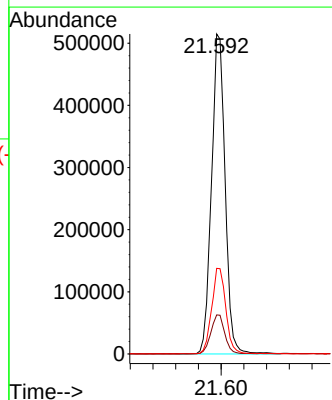
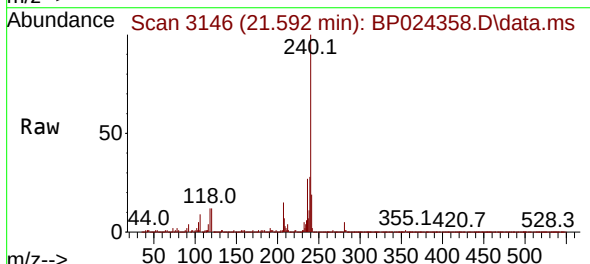
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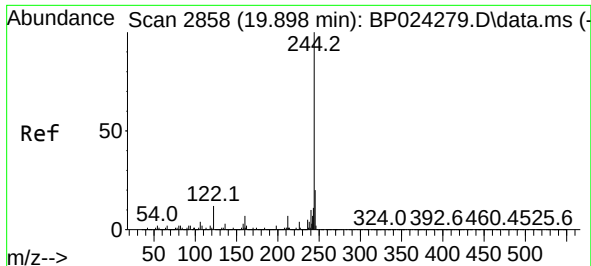
Tgt Ion:188 Resp: 1121852
Ion Ratio Lower Upper
188 100
94 10.0 8.6 13.0
80 11.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024358.D
Acq: 21 Apr 2025 12:14

Tgt Ion:240 Resp: 851834
Ion Ratio Lower Upper
240 100
120 12.2 9.8 14.8
236 26.8 20.9 31.3





#79

Terphenyl-d14

Concen: 139.949 ng

RT: 19.886 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024358.D

Acq: 21 Apr 2025 12:14

Instrument :

BNA_P

ClientSampleId :

SOIL-PILE

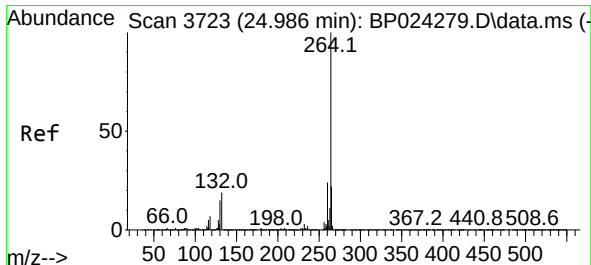
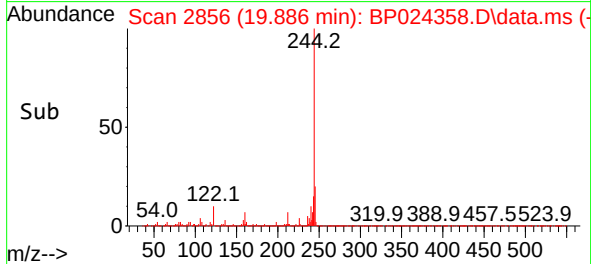
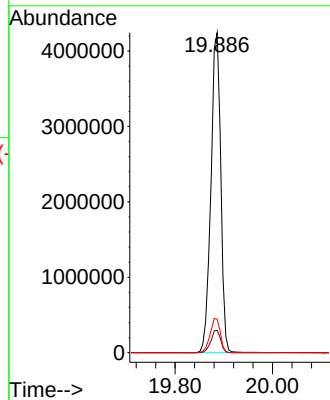
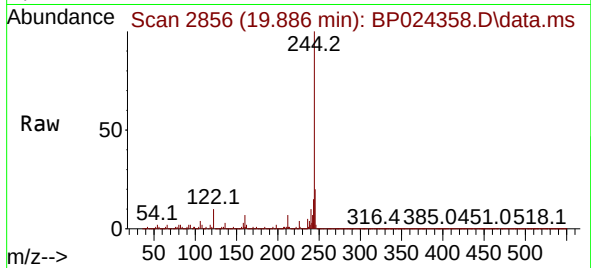
Tgt Ion:244 Resp: 5914410

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.5 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: BP024358.D

Acq: 21 Apr 2025 12:14

Tgt Ion:264 Resp: 66068

Ion Ratio Lower Upper

264 100

260 48.3 18.9 28.3#

265 33.0 17.8 26.6#

