

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024351.D
 Acq On : 18 Apr 2025 20:50
 Operator : RC/JU
 Sample : Q1826-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-PILE

Quant Time: Apr 19 01:02:49 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)

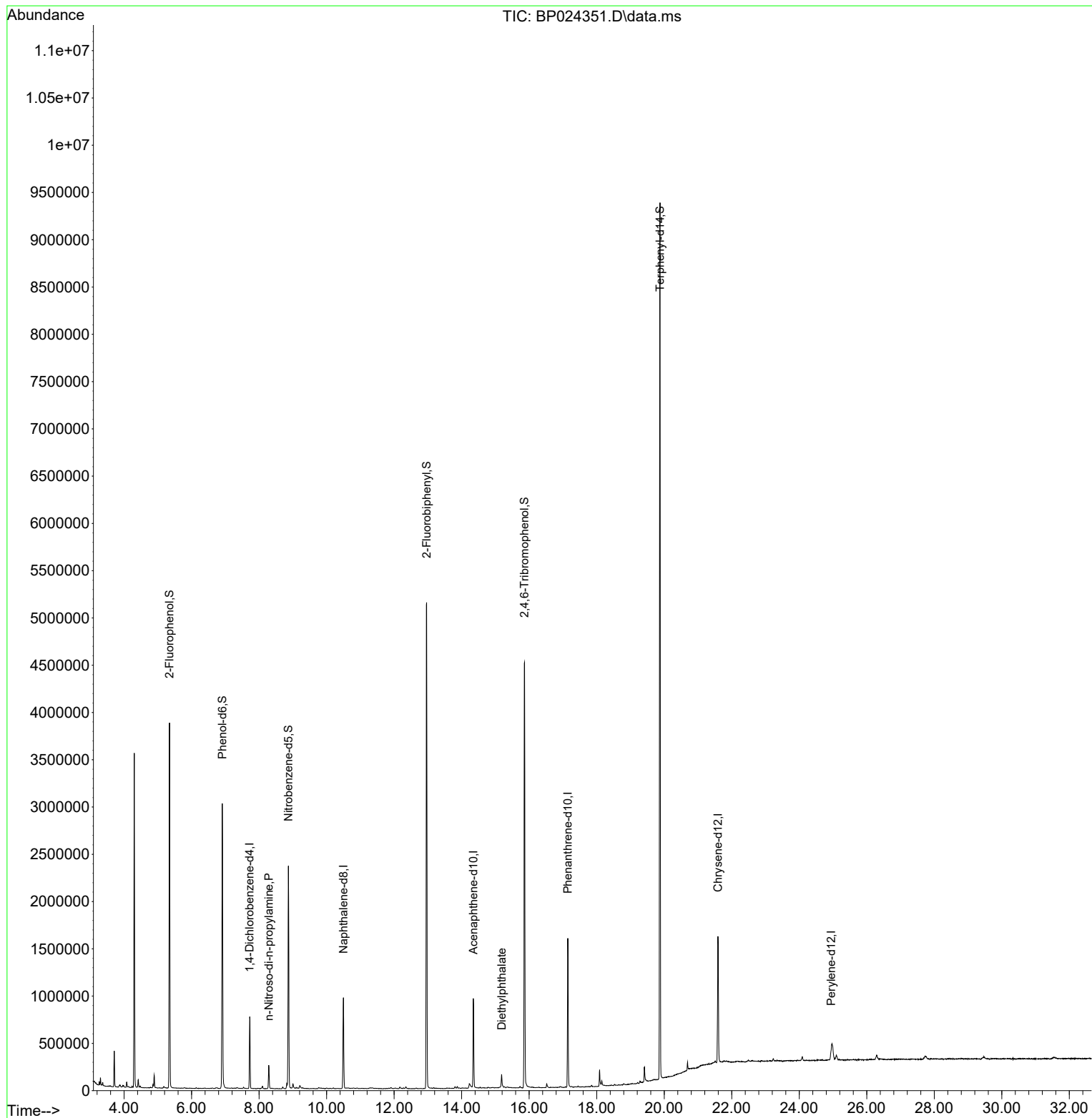
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	203576	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	780791	20.000	ng	0.00
39) Acenaphthene-d10	14.346	164	303920	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	925068	20.000	ng	0.00
76) Chrysene-d12	21.592	240	673881	20.000	ng	0.00
86) Perylene-d12	24.945	264	41577	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1682329	136.640	ng	0.00
7) Phenol-d6	6.911	99	1710585	101.465	ng	0.00
23) Nitrobenzene-d5	8.869	82	1319635	96.373	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	1000901	238.032	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2761952	139.144	ng	0.00
79) Terphenyl-d14	19.875	244	4961177	148.393	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.287	70	20915	2.005	ng	# 31
60) Diethylphthalate	15.187	149	100175	4.398	ng	99

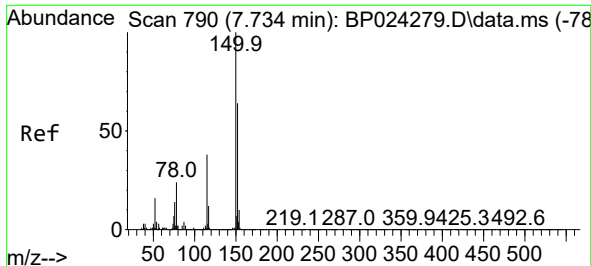
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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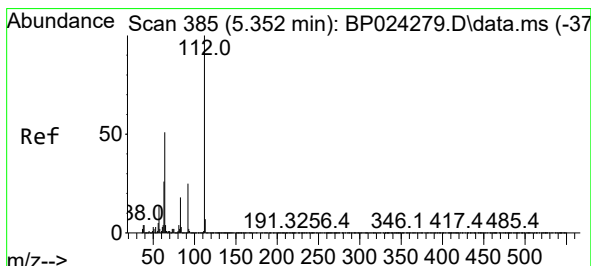
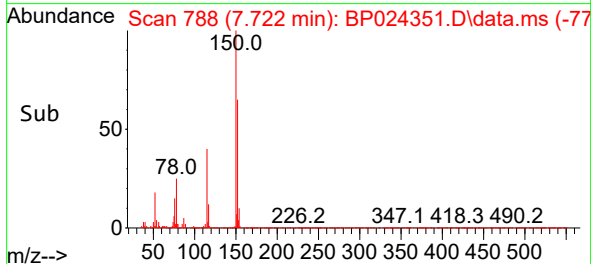
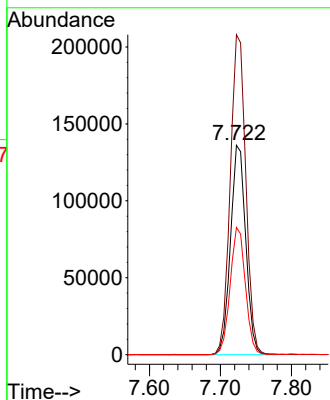
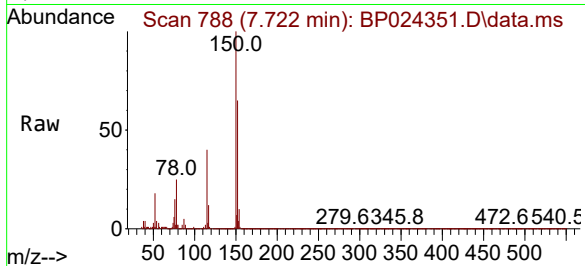




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024351.D
Acq: 18 Apr 2025 20:50

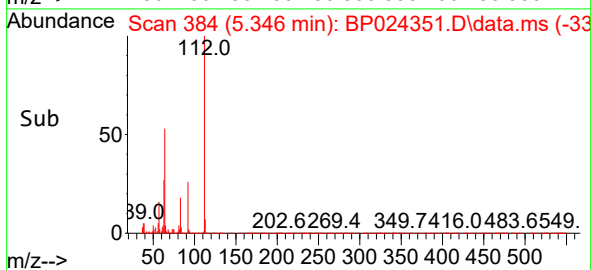
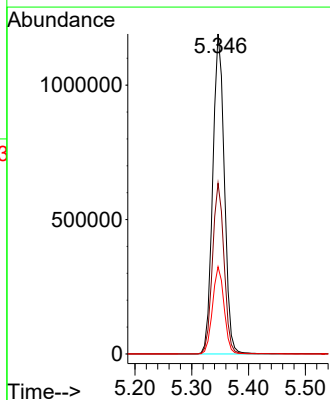
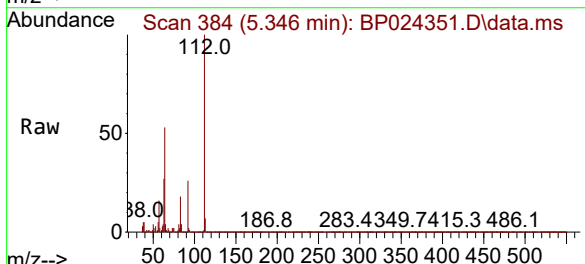
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

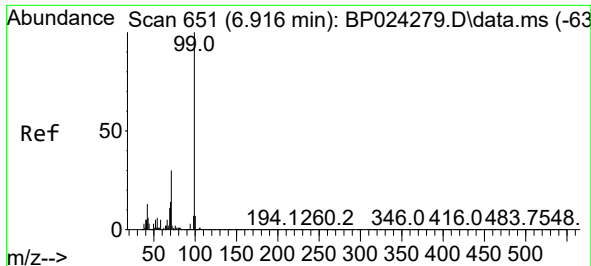
Tgt Ion:152 Resp: 203576
Ion Ratio Lower Upper
152 100
150 152.8 124.9 187.3
115 60.7 47.7 71.5



#5
2-Fluorophenol
Concen: 136.640 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024351.D
Acq: 18 Apr 2025 20:50

Tgt Ion:112 Resp: 1682329
Ion Ratio Lower Upper
112 100
64 53.3 41.1 61.7
63 27.3 20.6 30.8

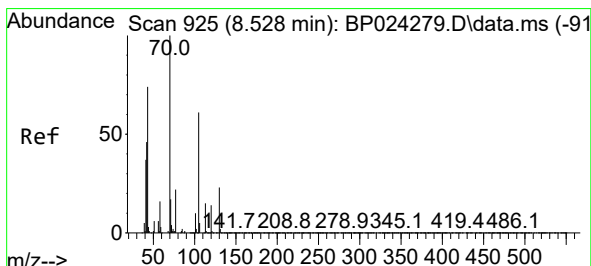
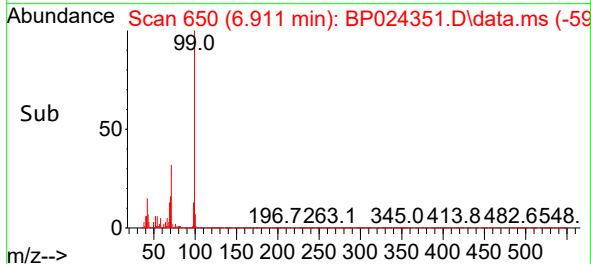
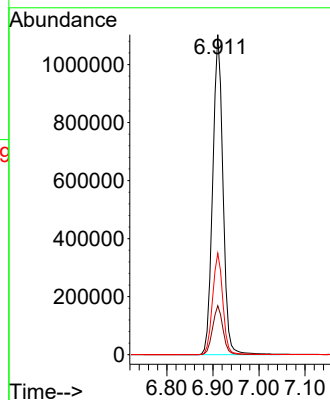
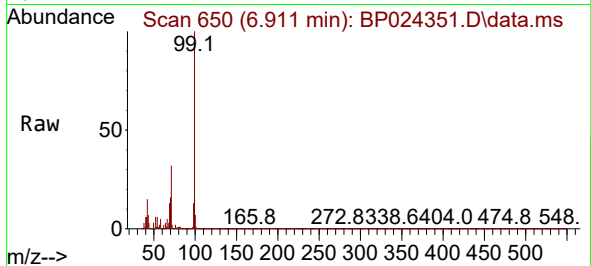




#7
Phenol-d6
Concen: 101.465 ng
RT: 6.911 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024351.D
Acq: 18 Apr 2025 20:50

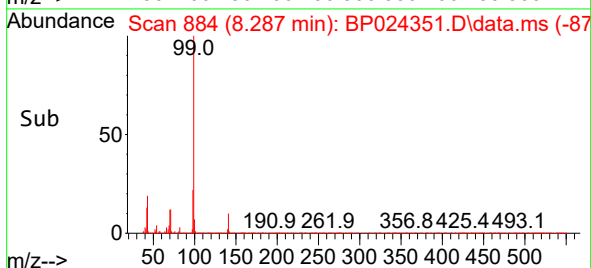
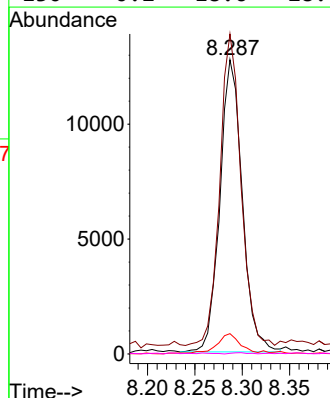
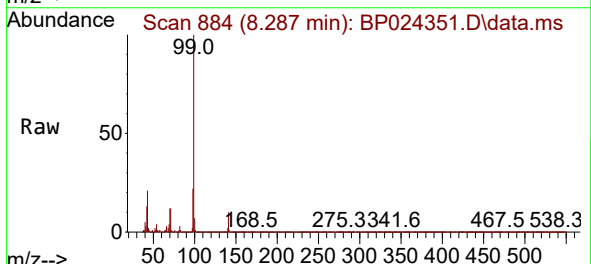
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

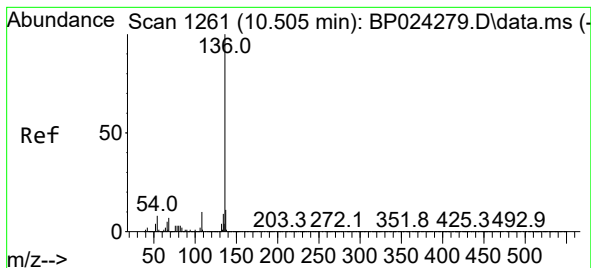
Tgt Ion: 99 Resp: 1710585
Ion Ratio Lower Upper
99 100
42 15.3 10.6 16.0
71 31.7 23.7 35.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.005 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.235 min
Lab File: BP024351.D
Acq: 18 Apr 2025 20:50

Tgt Ion: 70 Resp: 20915
Ion Ratio Lower Upper
70 100
42 108.7 37.3 55.9#
101 6.9 8.2 12.4#
130 0.2 18.6 28.0#

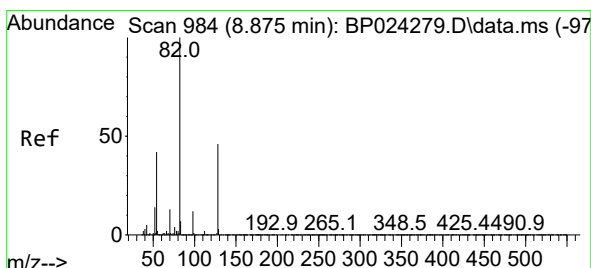
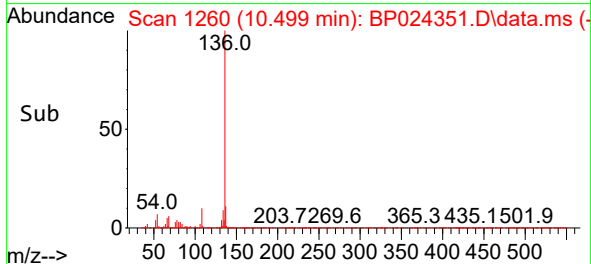
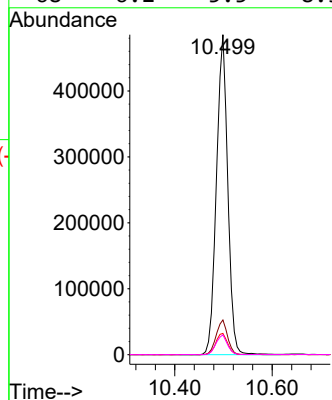
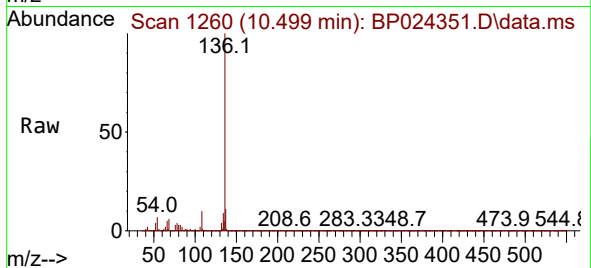




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024351.D
Acq: 18 Apr 2025 20:50

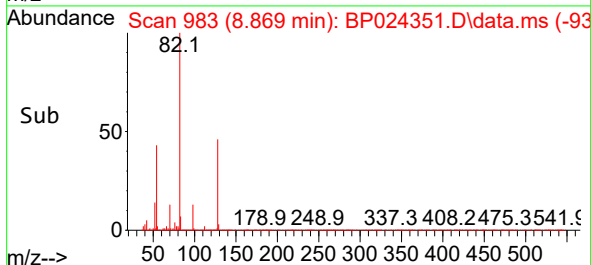
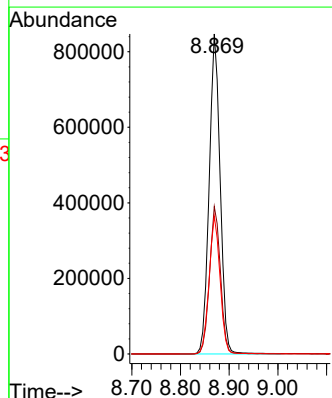
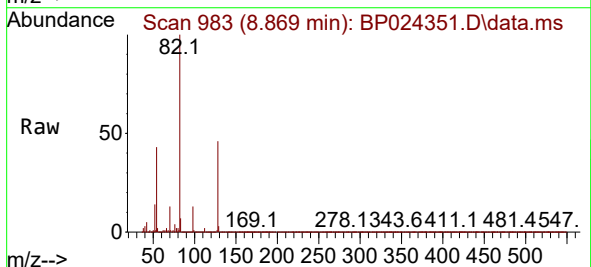
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

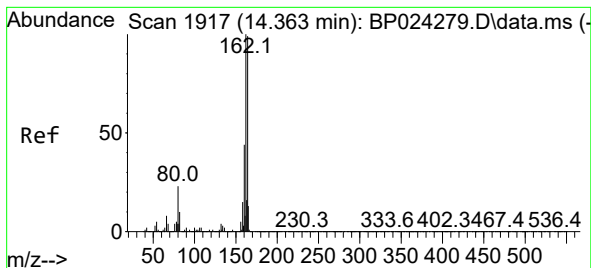
Tgt Ion:	136	Resp:	780791
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.6	6.0	9.0
68	6.2	5.5	8.3



#23
Nitrobenzene-d5
Concen: 96.373 ng
RT: 8.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BP024351.D
Acq: 18 Apr 2025 20:50

Tgt Ion:	82	Resp:	1319635
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.5	54.7
54	43.1	33.4	50.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.346 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

Instrument :

BNA_P

ClientSampleId :

SOIL-PILE

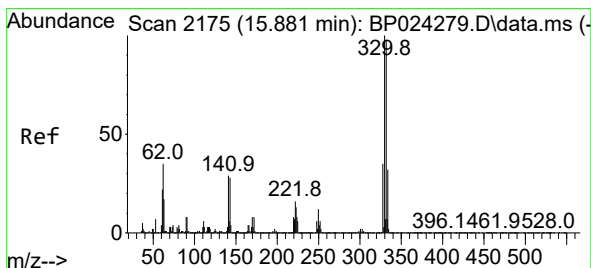
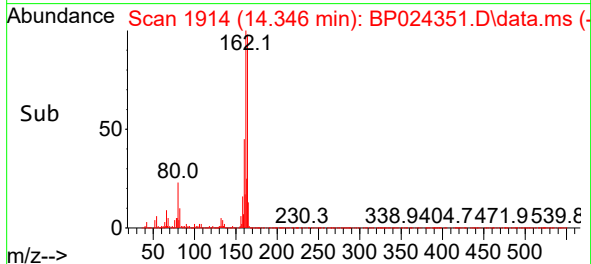
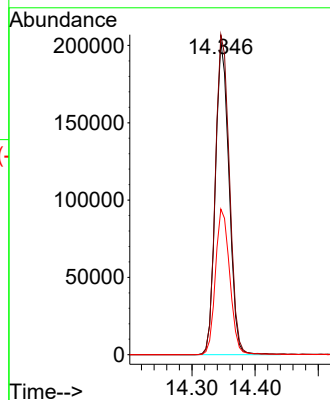
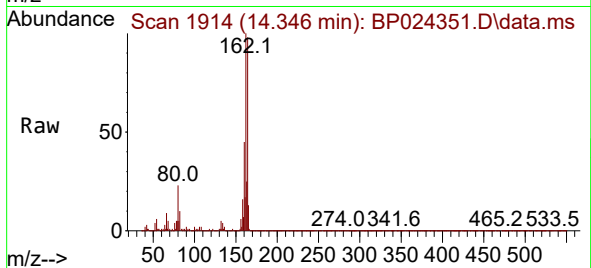
Tgt Ion:164 Resp: 303920

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 46.5 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 238.032 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

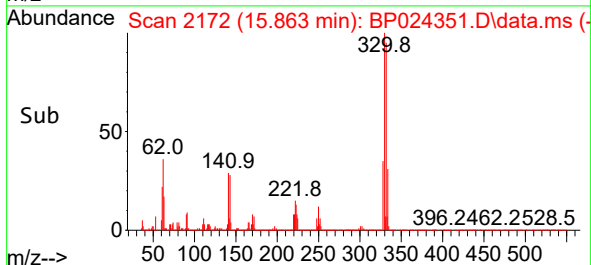
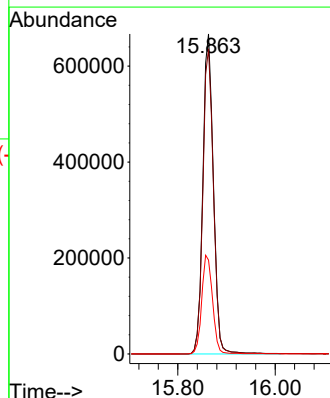
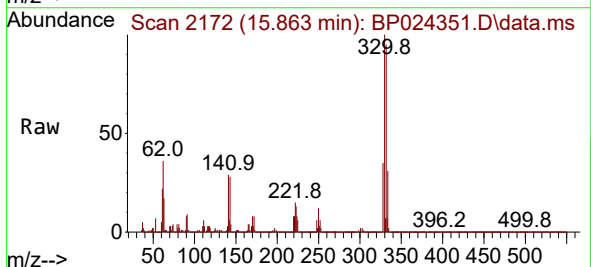
Tgt Ion:330 Resp: 1000901

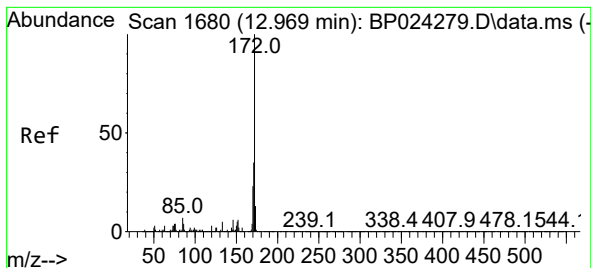
Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

141 31.6 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 139.144 ng

RT: 12.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

Instrument :

BNA_P

ClientSampleId :

SOIL-PILE

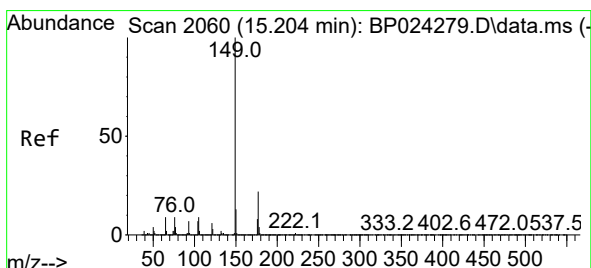
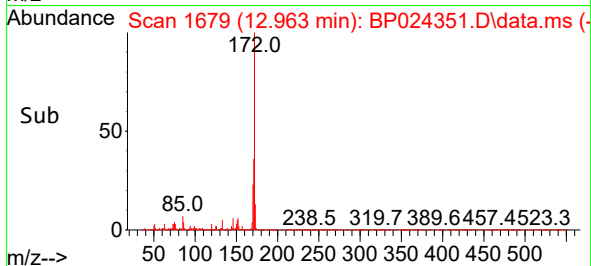
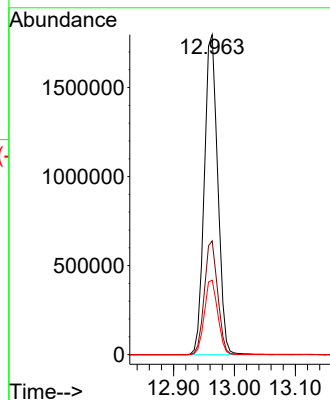
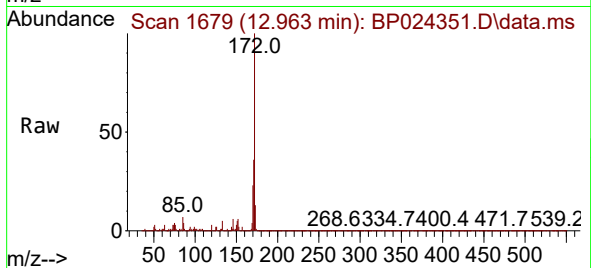
Tgt Ion:172 Resp: 2761952

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.3 18.6 27.8



#60

Diethylphthalate

Concen: 4.398 ng

RT: 15.187 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

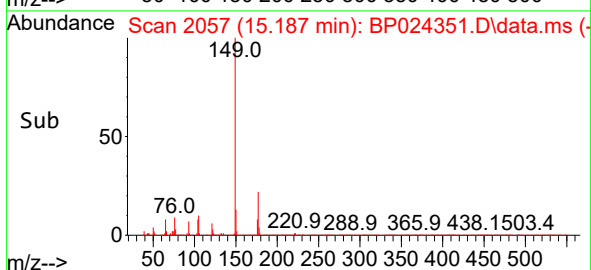
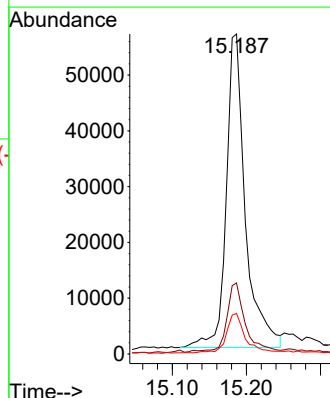
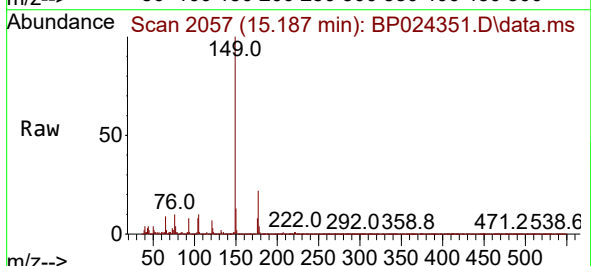
Tgt Ion:149 Resp: 100175

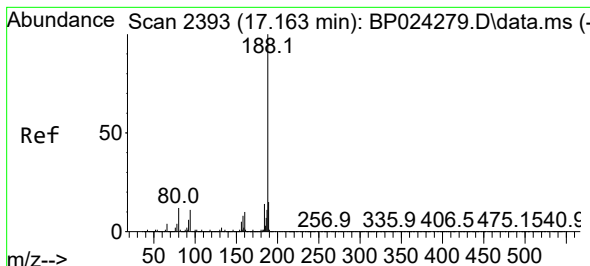
Ion Ratio Lower Upper

149 100

177 22.2 17.4 26.2

150 12.6 10.1 15.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

Instrument :

BNA_P

ClientSampleId :

SOIL-PILE

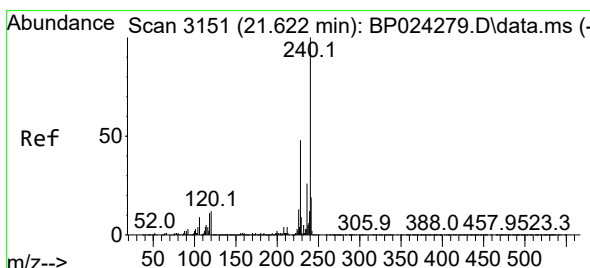
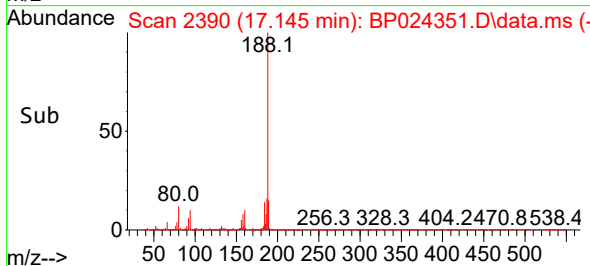
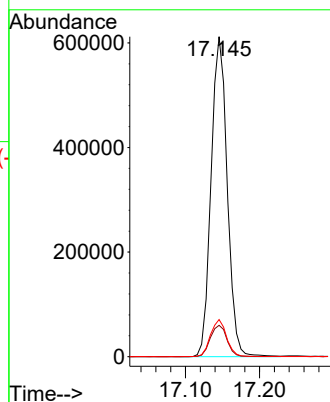
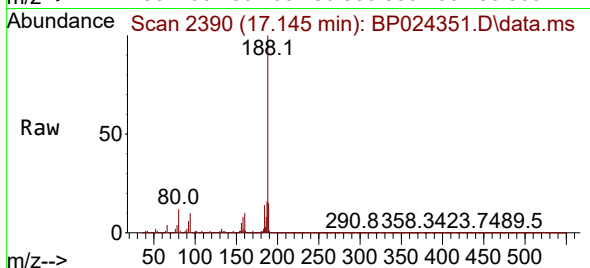
Tgt Ion:188 Resp: 925068

Ion Ratio Lower Upper

188 100

94 9.8 8.6 13.0

80 11.6 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: BP024351.D

Acq: 18 Apr 2025 20:50

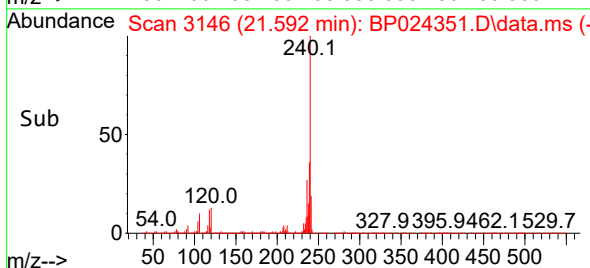
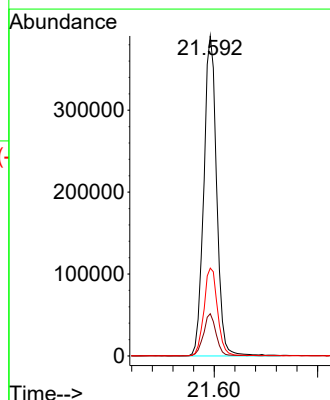
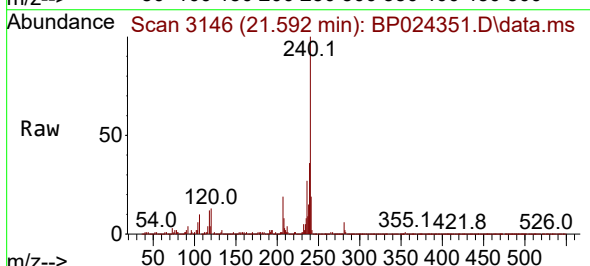
Tgt Ion:240 Resp: 673881

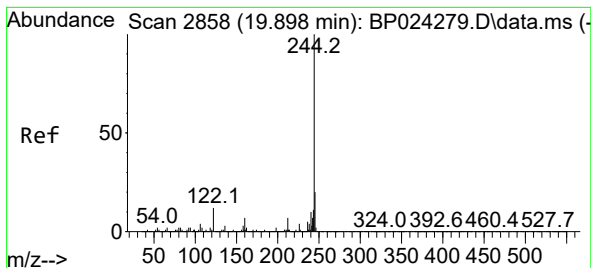
Ion Ratio Lower Upper

240 100

120 13.2 9.8 14.8

236 27.5 20.9 31.3





#79

Terphenyl-d14

Concen: 148.393 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

Instrument :

BNA_P

ClientSampleId :

SOIL-PILE

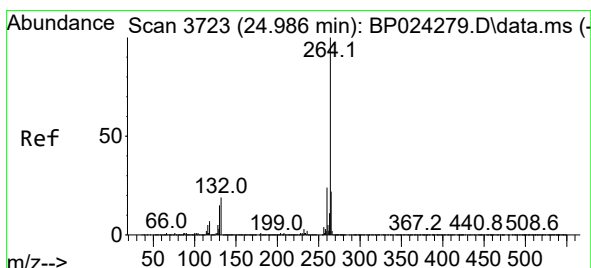
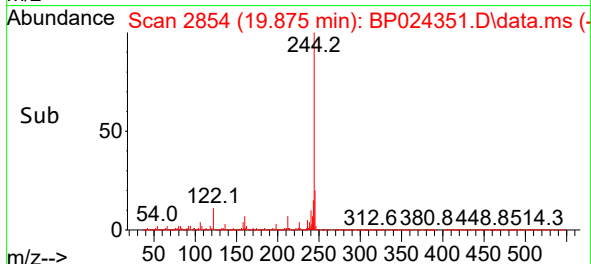
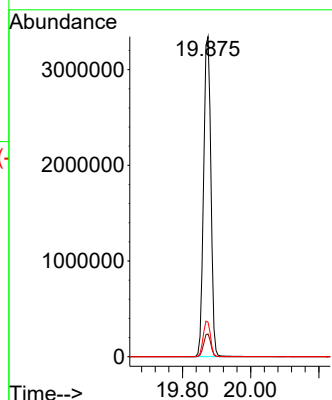
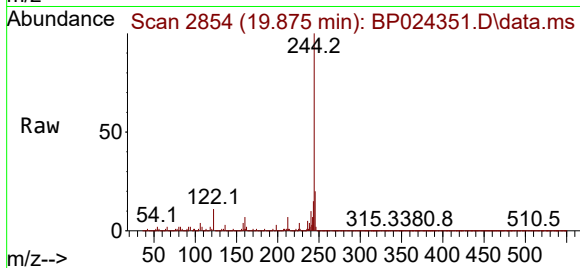
Tgt Ion:244 Resp: 4961177

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.8 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

Tgt Ion:264 Resp: 41577

Ion Ratio Lower Upper

264 100

260 80.0 18.9 28.3#

265 40.3 17.8 26.6#

