

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024759.D
 Acq On : 22 May 2025 15:00
 Operator : RC/JU
 Sample : Q2093-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DRUM

Quant Time: May 22 15:37:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	111980	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	450550	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	301433	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	621779	20.000	ng	-0.02
76) Chrysene-d12	21.522	240	727252	20.000	ng	0.00
86) Perylene-d12	24.804	264	862768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	807338	123.312	ng	0.00
7) Phenol-d6	6.852	99	1008182	120.655	ng	0.00
23) Nitrobenzene-d5	8.799	82	627085	70.324	ng	-0.01
42) 2,4,6-Tribromophenol	15.798	330	741412	145.086	ng	-0.01
45) 2-Fluorobiphenyl	12.893	172	1525461	66.301	ng	-0.01
79) Terphenyl-d14	19.810	244	2958368	69.752	ng	0.00

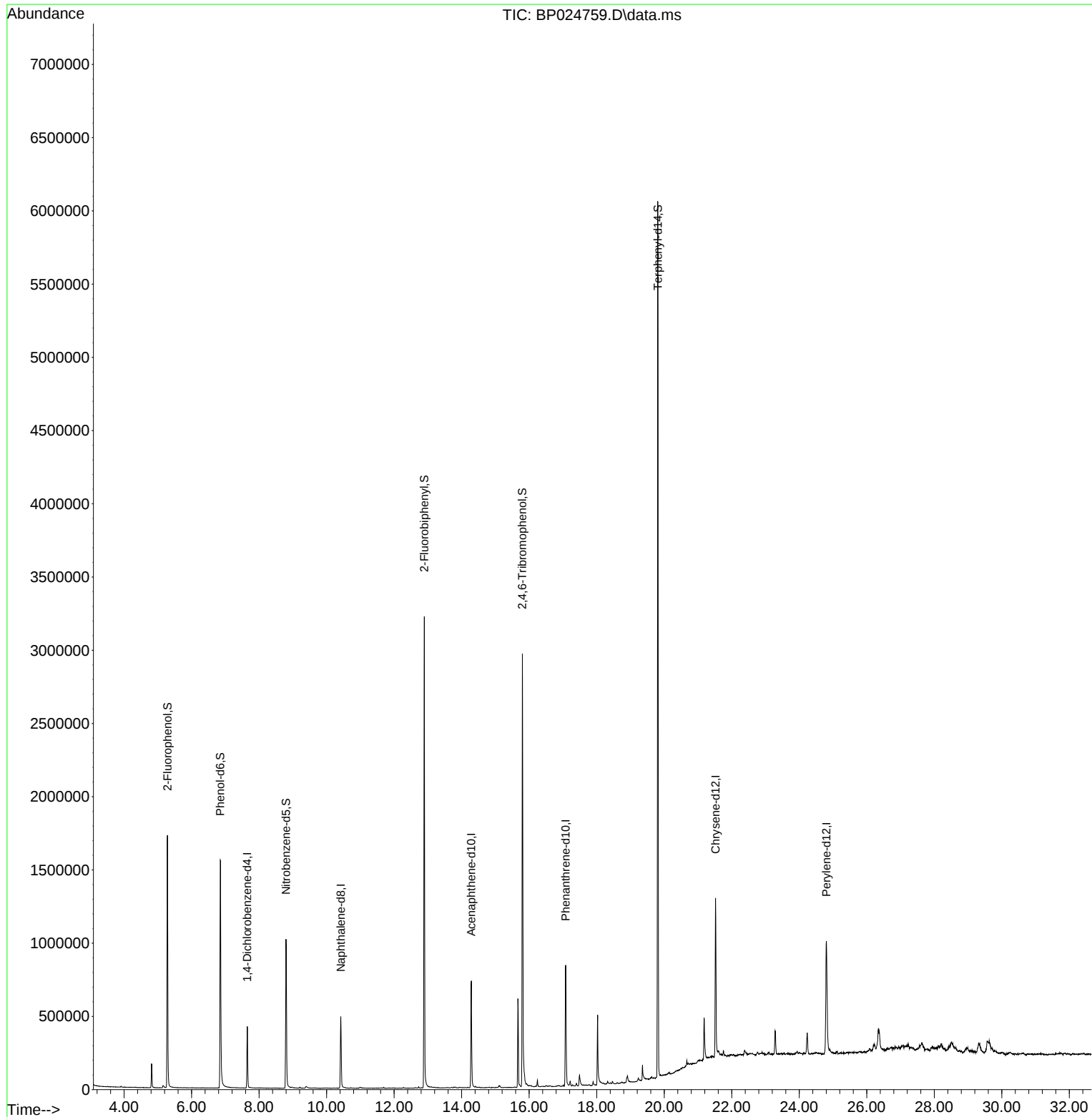
Target Compounds	Qvalue

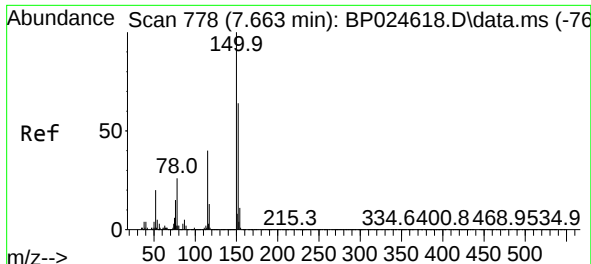
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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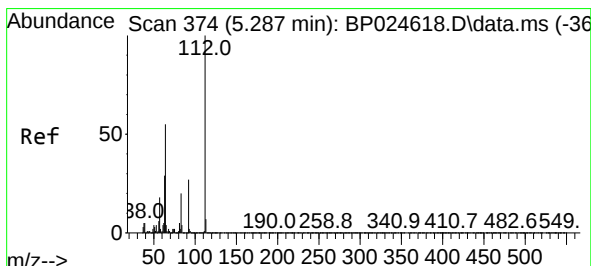
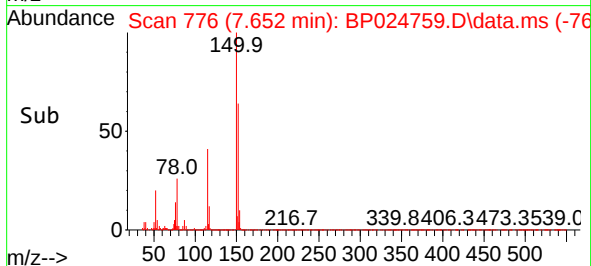
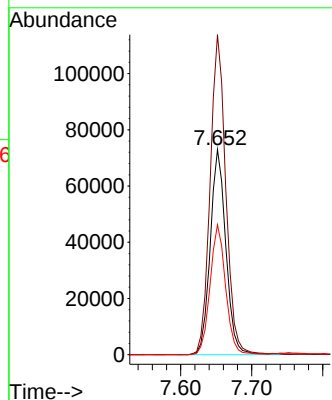
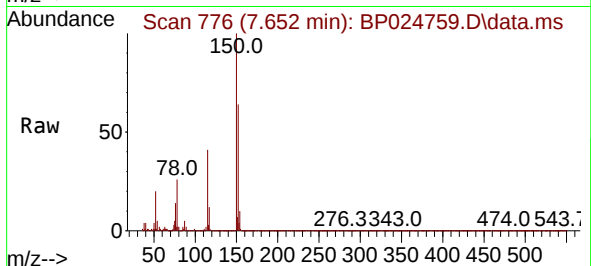




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

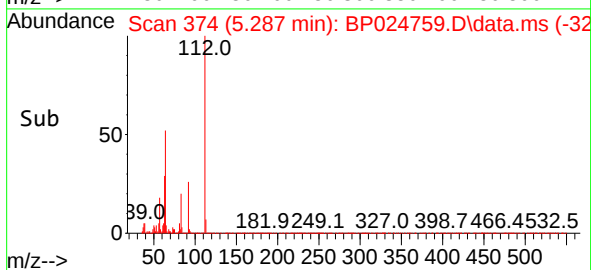
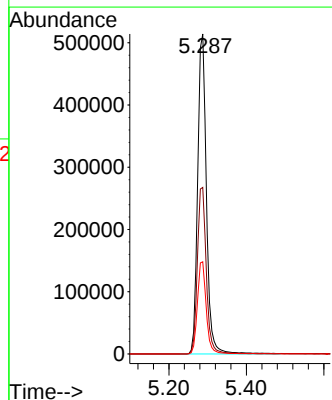
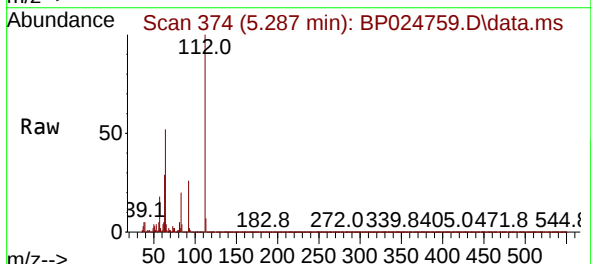
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

Tgt Ion:152 Resp: 111980
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 63.3 50.1 75.1



#5
2-Fluorophenol
Concen: 123.312 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

Tgt Ion:112 Resp: 807338
Ion Ratio Lower Upper
112 100
64 52.0 44.1 66.1
63 28.8 23.5 35.3



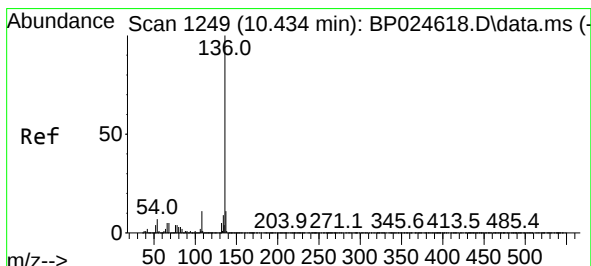
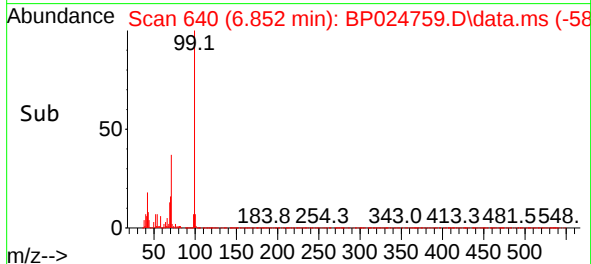
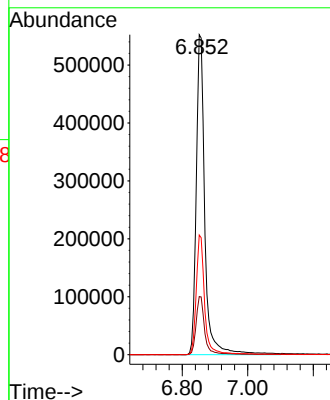
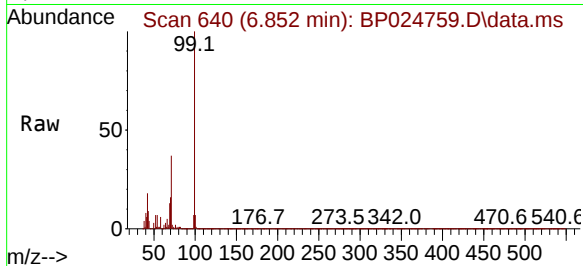


#7
Phenol-d6
Concen: 120.655 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

Tgt Ion: 99 Resp: 1008182

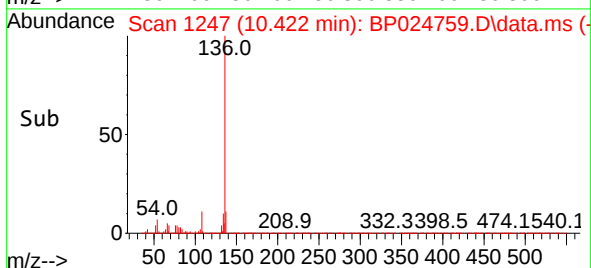
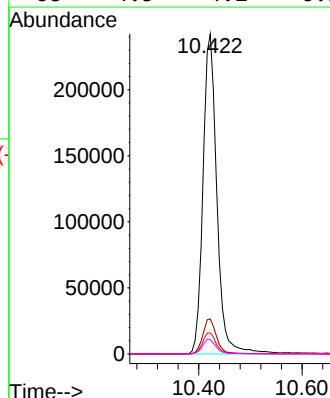
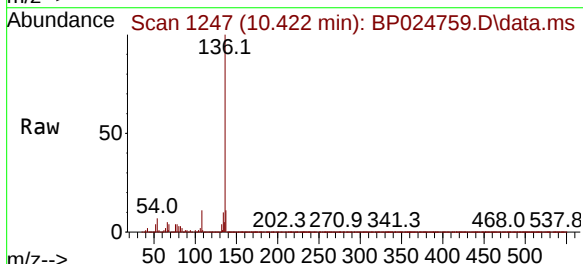
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.4	21.6
71	37.4	29.2	43.8

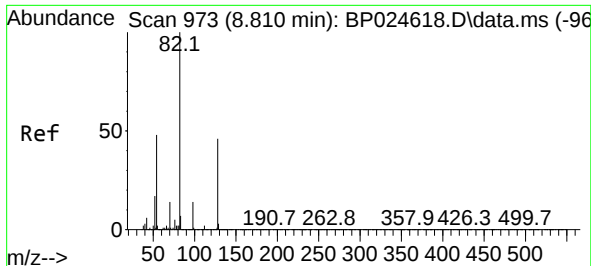


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

Tgt Ion: 136 Resp: 450550

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.5	8.3
68	4.5	4.2	6.2

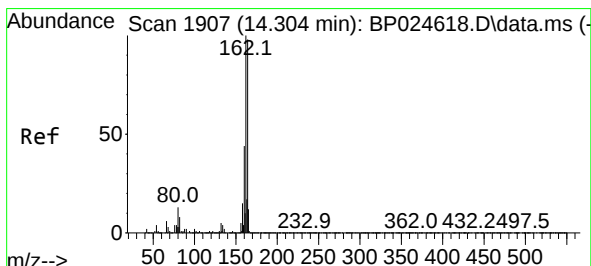
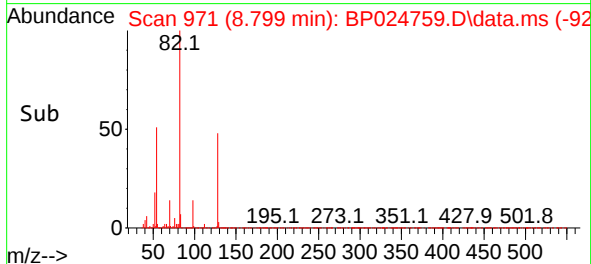
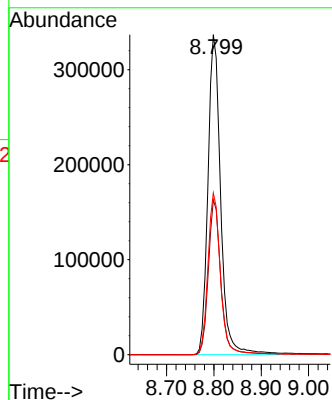
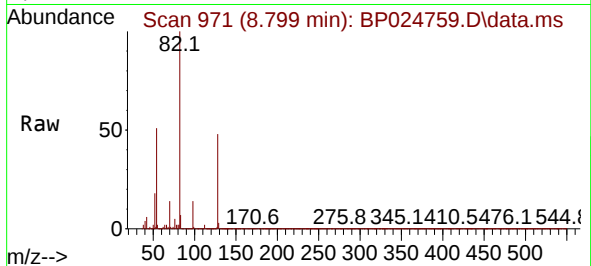




#23
Nitrobenzene-d5
Concen: 70.324 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

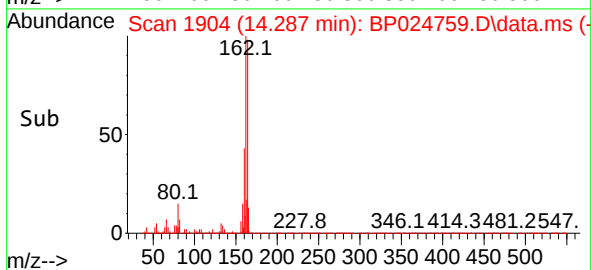
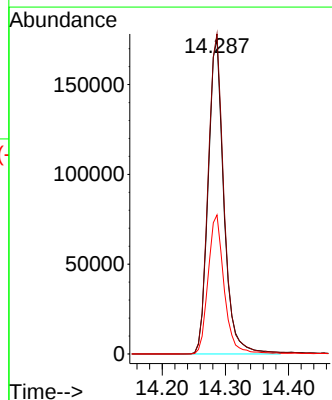
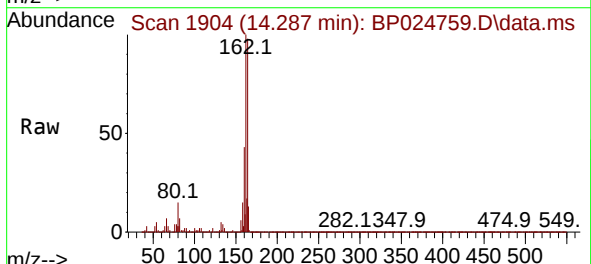
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

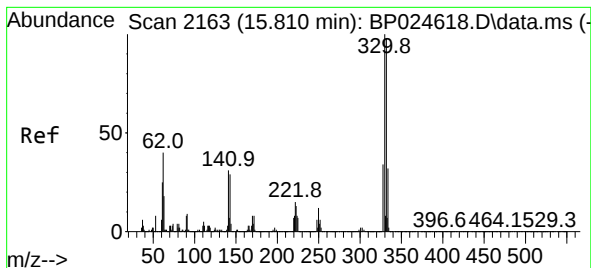
Tgt Ion: 82 Resp: 627085
Ion Ratio Lower Upper
82 100
128 48.4 37.0 55.4
54 50.5 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.017 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

Tgt Ion:164 Resp: 301433
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 44.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 145.086 ng

RT: 15.798 min Scan# 2163

Delta R.T. -0.012 min

Lab File: BP024759.D

Acq: 22 May 2025 15:00

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUM

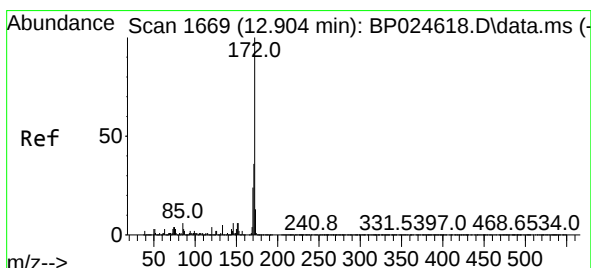
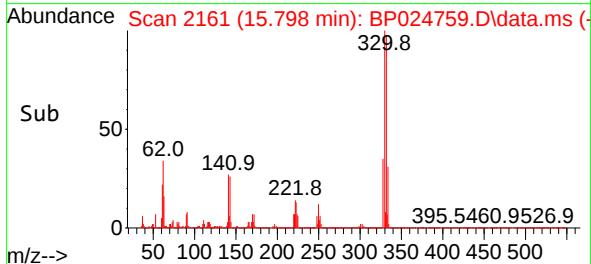
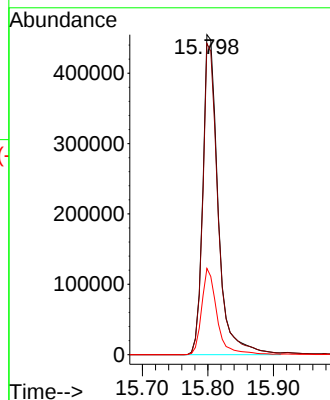
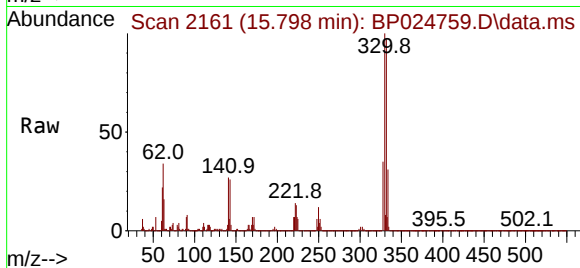
Tgt Ion:330 Resp: 741412

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

141 26.9 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 66.301 ng

RT: 12.893 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024759.D

Acq: 22 May 2025 15:00

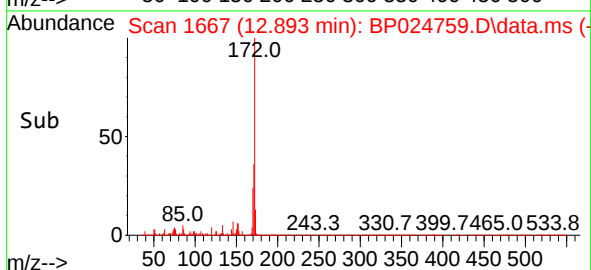
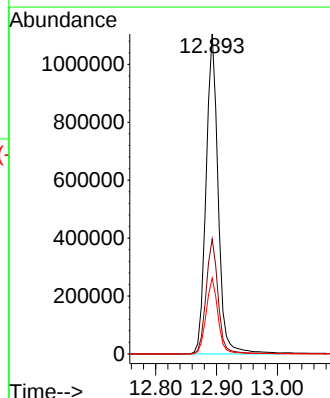
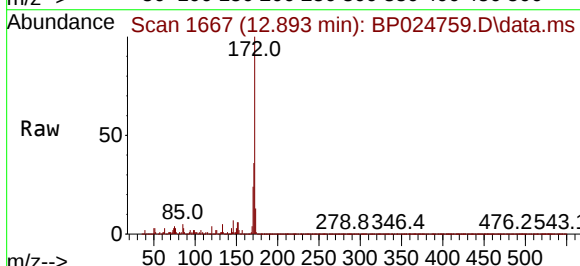
Tgt Ion:172 Resp: 1525461

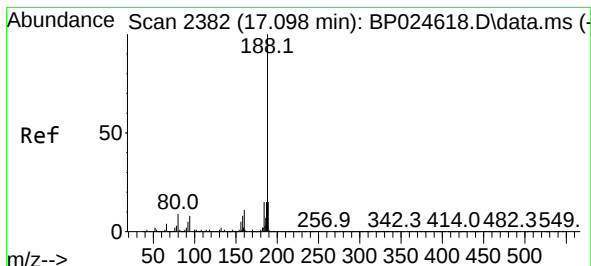
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.8 18.8 28.2

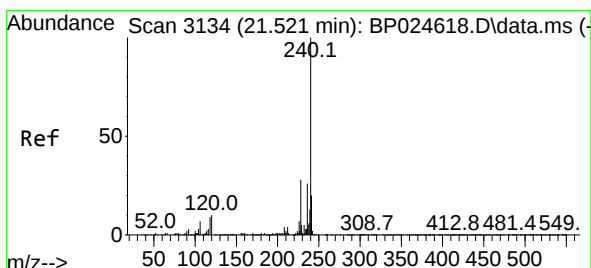
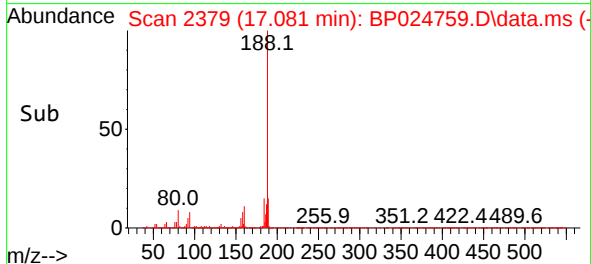
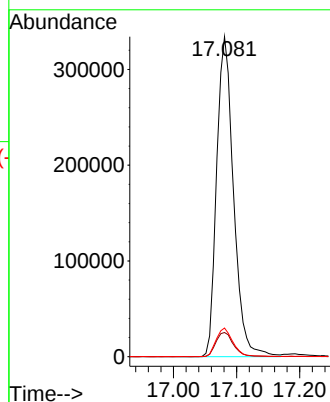
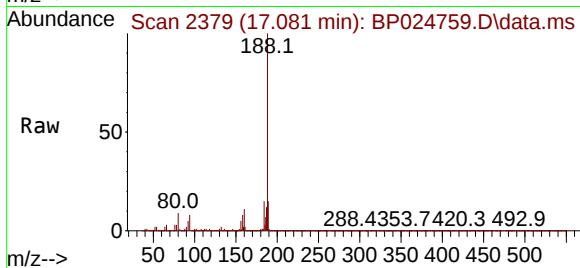




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

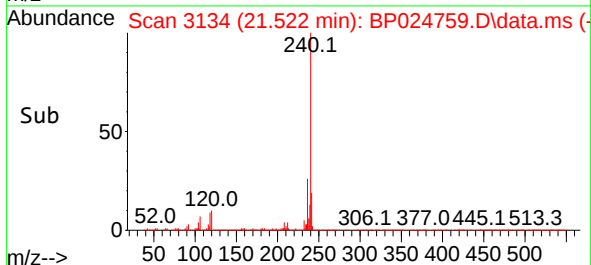
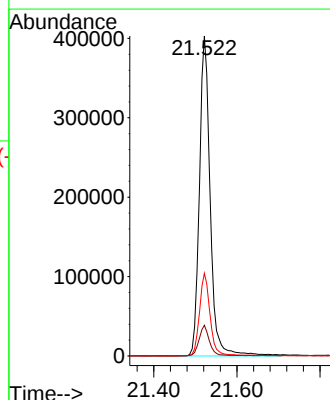
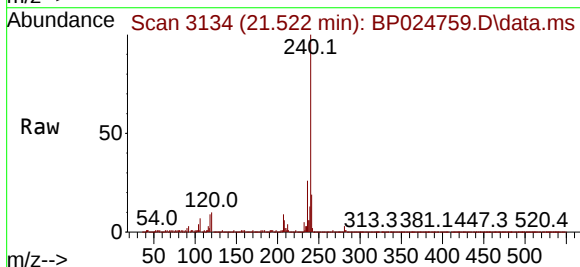
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

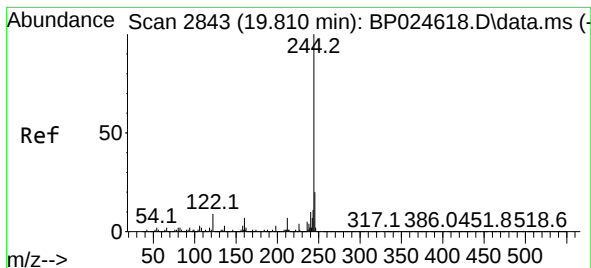
Tgt Ion:188 Resp: 621779
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 9.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024759.D
Acq: 22 May 2025 15:00

Tgt Ion:240 Resp: 727252
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 69.752 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024759.D

Acq: 22 May 2025 15:00

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUM

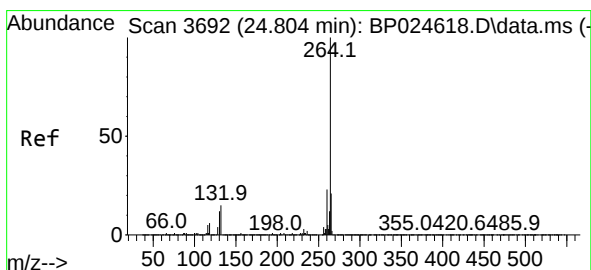
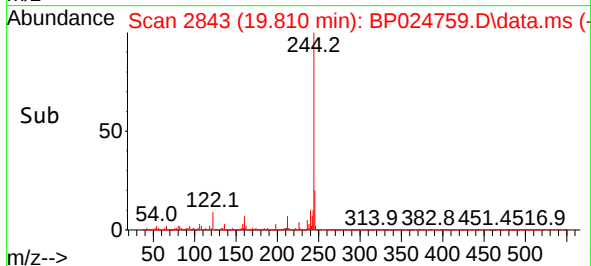
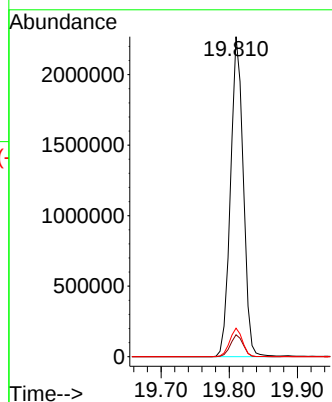
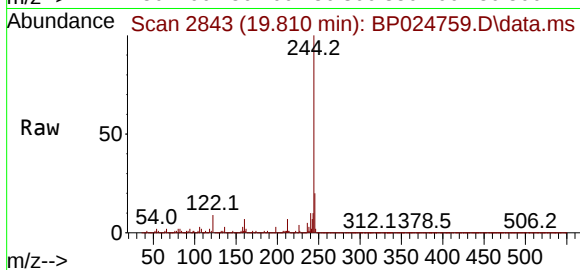
Tgt Ion:244 Resp: 2958368

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.9 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3692

Delta R.T. 0.000 min

Lab File: BP024759.D

Acq: 22 May 2025 15:00

Tgt Ion:264 Resp: 862768

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.9 17.0 25.6

