

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024556.D
 Acq On : 06 May 2025 21:12
 Operator : RC/JU
 Sample : Q1959-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-PILE

Quant Time: May 07 01:13:13 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	7.705	152	145499	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	556432	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	329250	20.000	ng	-0.02
64) Phenanthrene-d10	17.128	188	679950	20.000	ng	-0.02
76) Chrysene-d12	21.569	240	798002	20.000	ng	#-0.02
86) Perylene-d12	24.898	264	933580	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1013587	115.184	ng	-0.01
7) Phenol-d6	6.899	99	1122915	93.194	ng	-0.01
23) Nitrobenzene-d5	8.852	82	862125	88.348	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	739509	162.339	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1913765	88.996	ng	-0.02
79) Terphenyl-d14	19.851	244	3563091	89.999	ng	-0.02

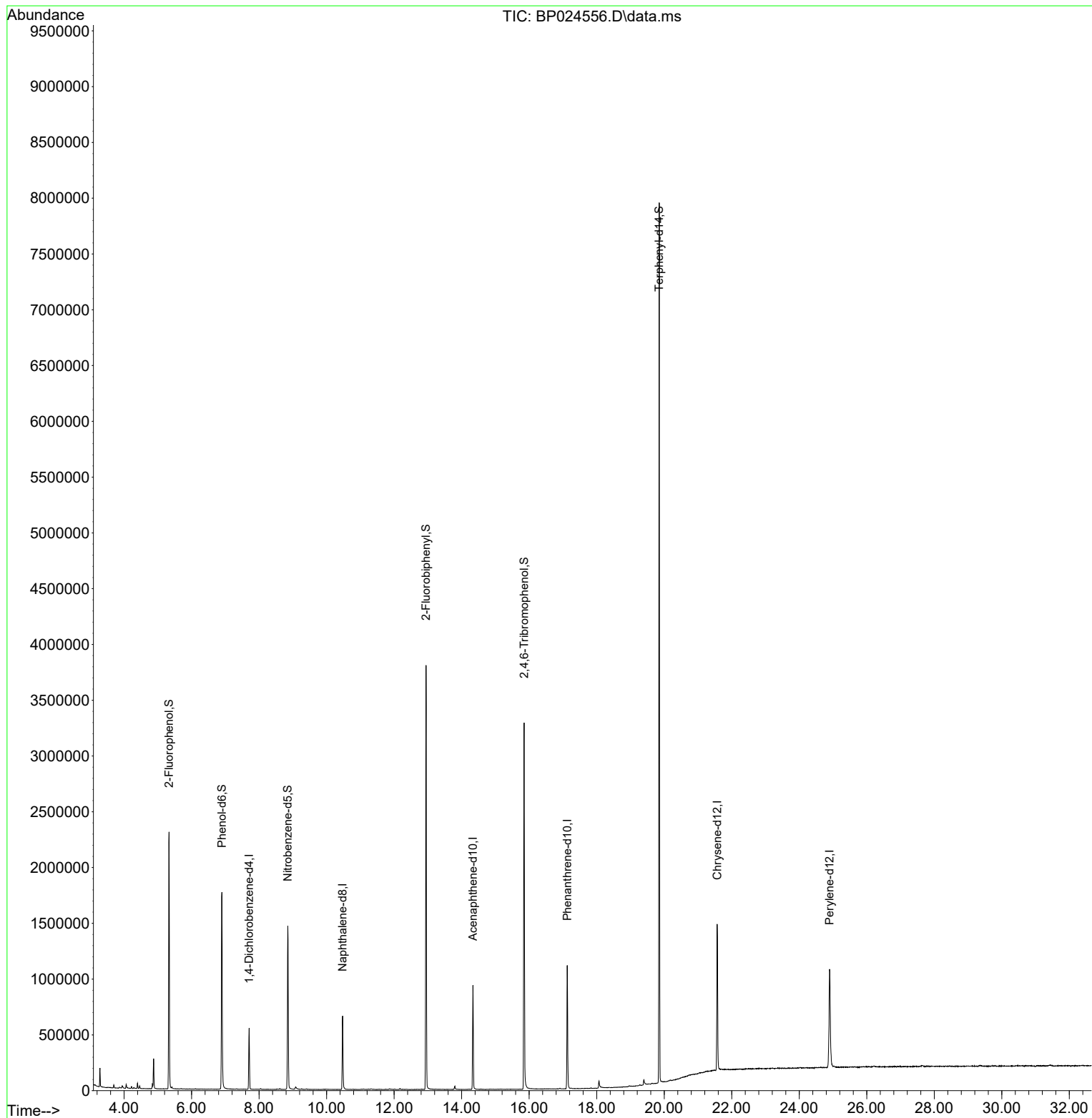
Target Compounds	Qvalue

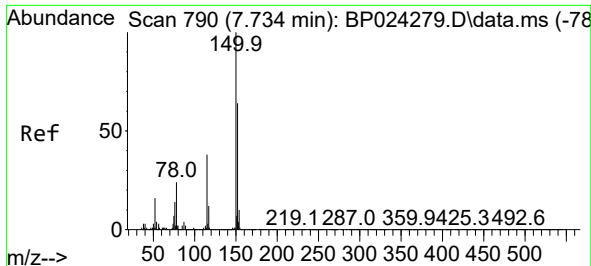
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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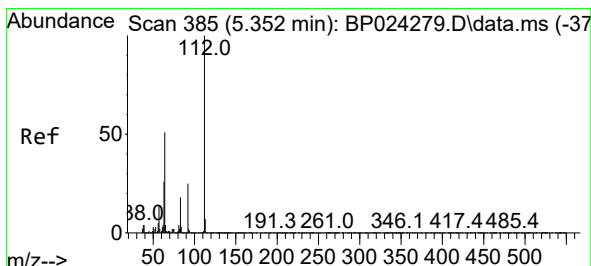
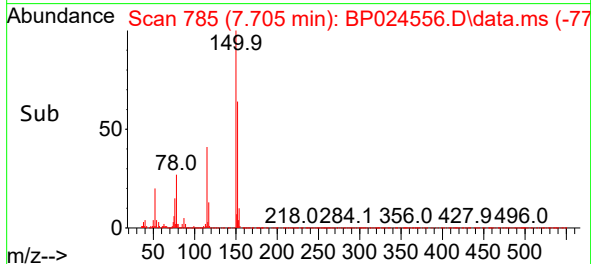
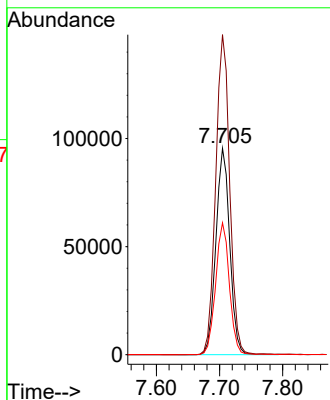
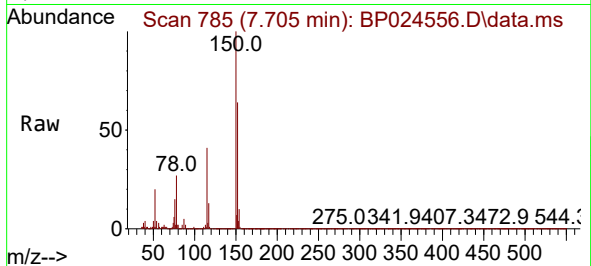




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024556.D
Acq: 06 May 2025 21:12

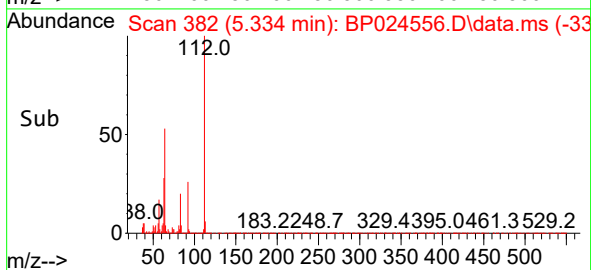
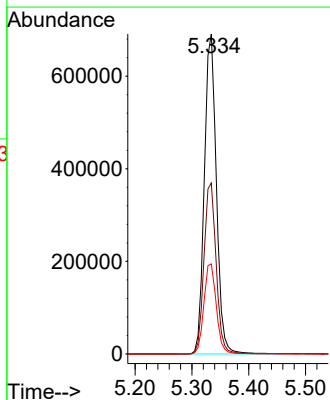
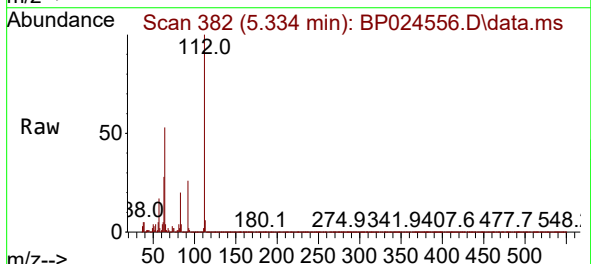
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

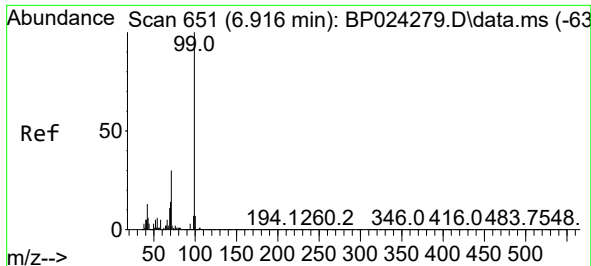
Tgt Ion:152 Resp: 145499
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 63.9 47.7 71.5



#5
2-Fluorophenol
Concen: 115.184 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024556.D
Acq: 06 May 2025 21:12

Tgt Ion:112 Resp: 1013587
Ion Ratio Lower Upper
112 100
64 53.4 41.1 61.7
63 28.2 20.6 30.8

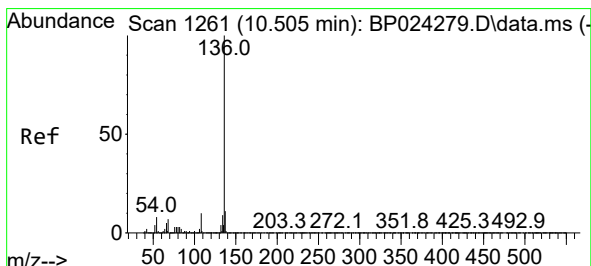
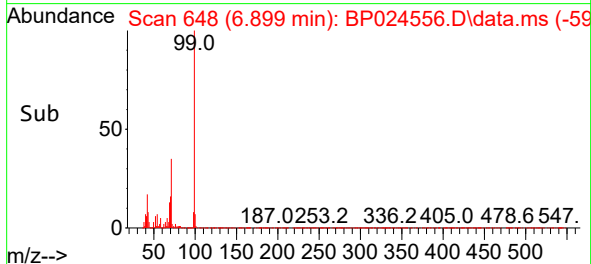
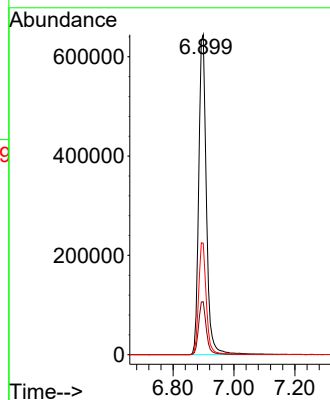
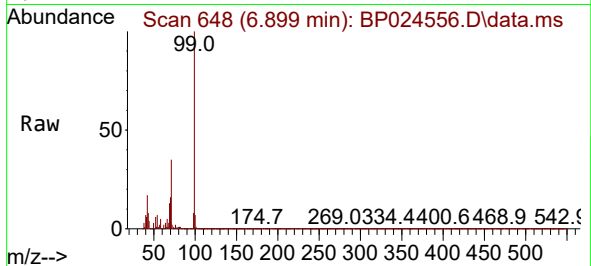




#7
Phenol-d6
Concen: 93.194 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024556.D
Acq: 06 May 2025 21:12

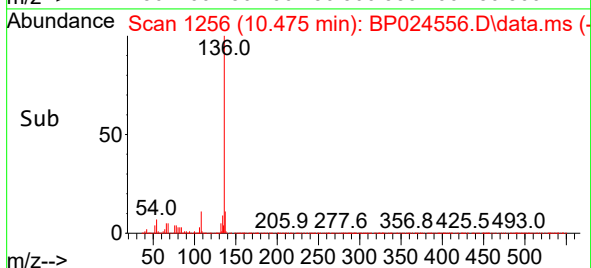
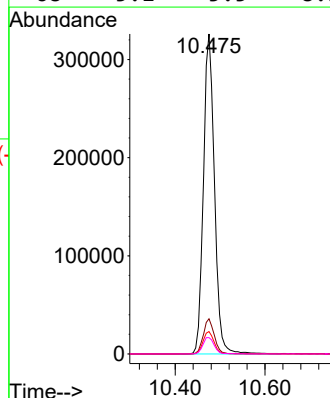
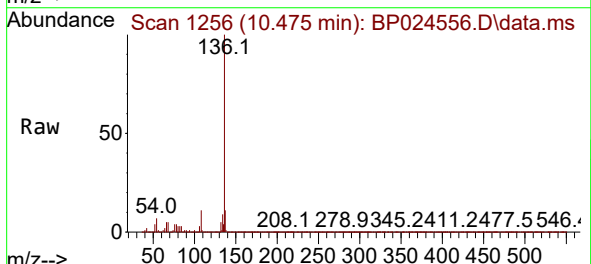
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

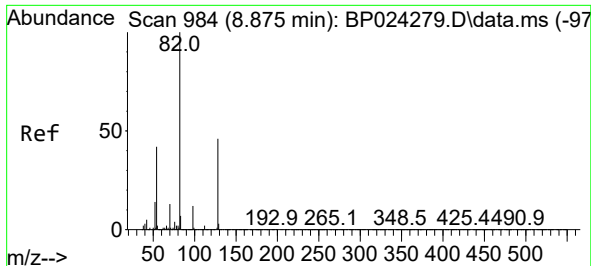
Tgt Ion: 99 Resp: 1122915
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 34.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024556.D
Acq: 06 May 2025 21:12

Tgt Ion:136 Resp: 556432
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.0 6.0 9.0
68 5.1 5.5 8.3#

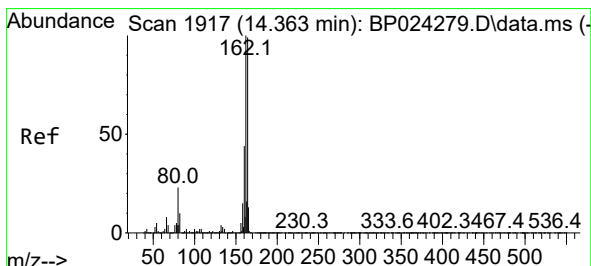
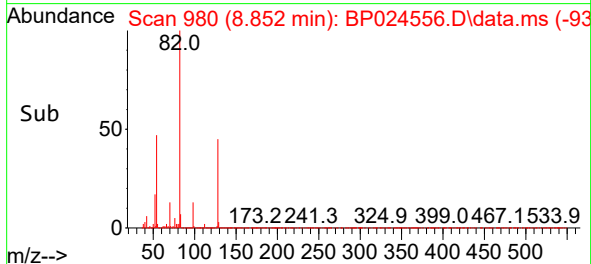
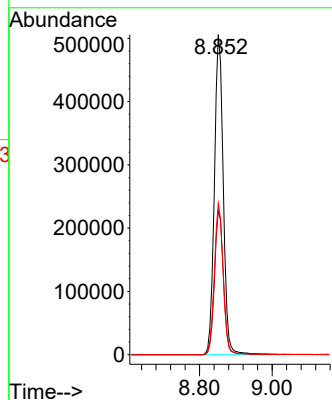
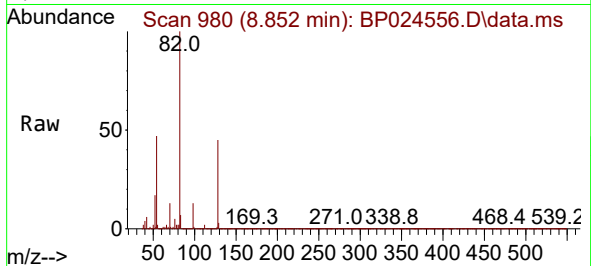




#23
Nitrobenzene-d5
Concen: 88.348 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024556.D
Acq: 06 May 2025 21:12

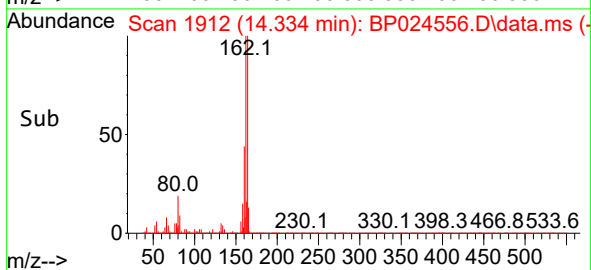
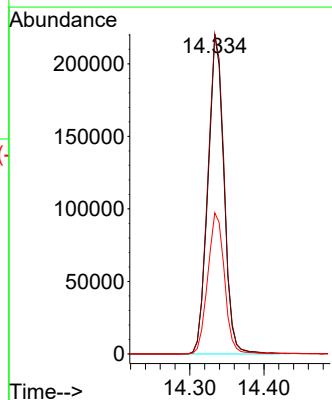
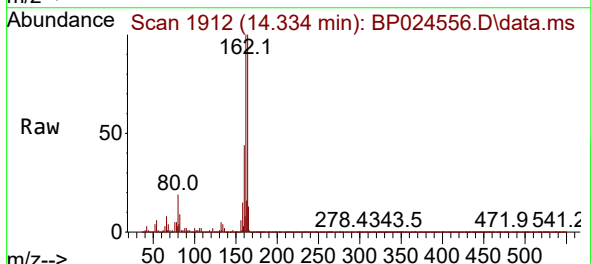
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

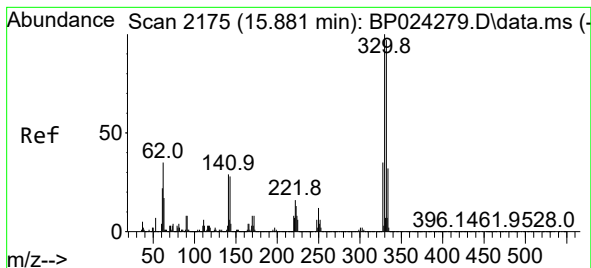
Tgt Ion: 82 Resp: 862125
Ion Ratio Lower Upper
82 100
128 45.0 36.5 54.7
54 47.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024556.D
Acq: 06 May 2025 21:12

Tgt Ion:164 Resp: 329250
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 44.2 35.3 52.9

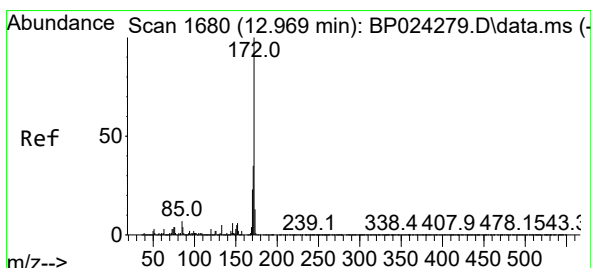
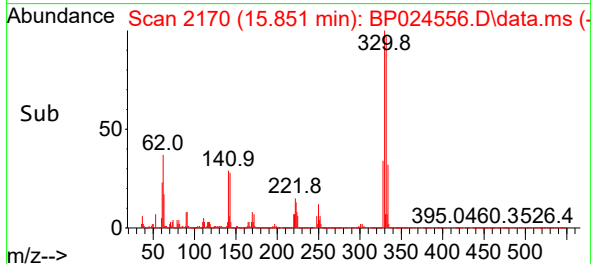
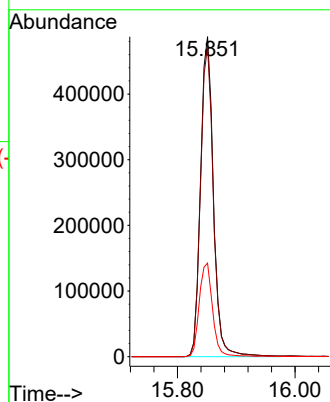
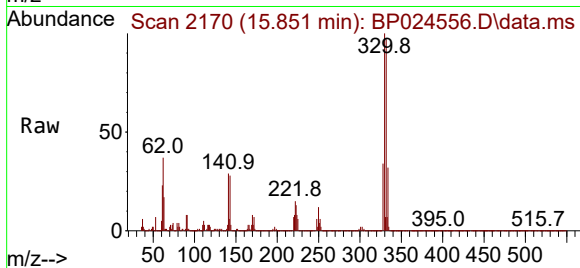




#42
2,4,6-Tribromophenol
Concen: 162.339 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024556.D
Acq: 06 May 2025 21:12

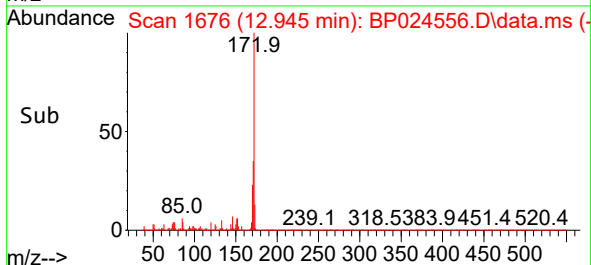
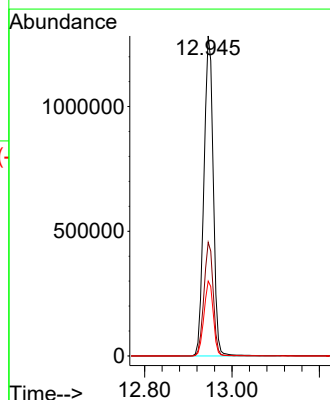
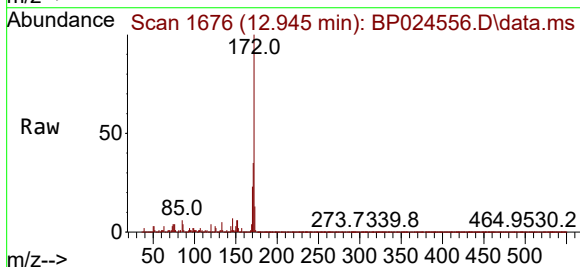
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

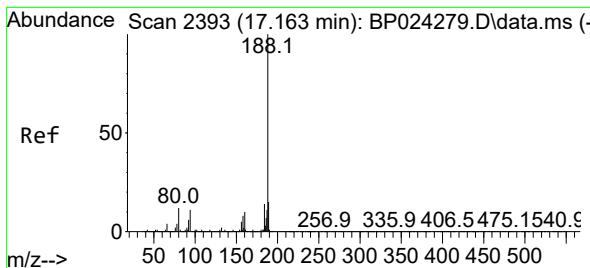
Tgt Ion:330 Resp: 739509
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 30.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 88.996 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024556.D
Acq: 06 May 2025 21:12

Tgt Ion:172 Resp: 1913765
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: 17.128 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024556.D

Acq: 06 May 2025 21:12

Instrument :

BNA_P

ClientSampleId :

SOIL-PILE

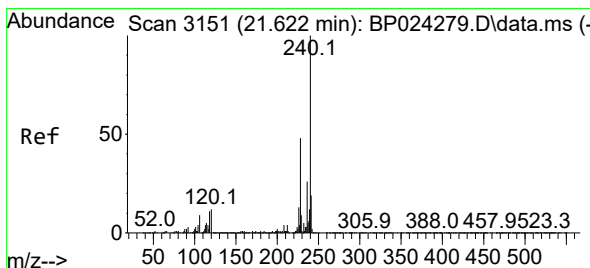
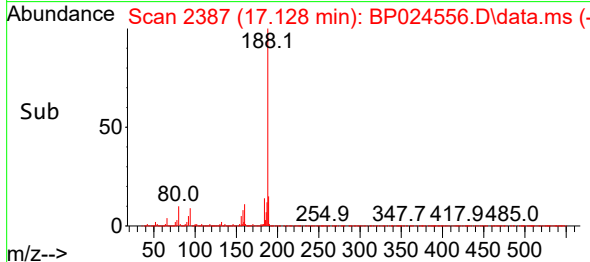
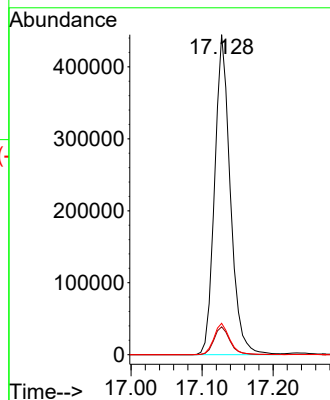
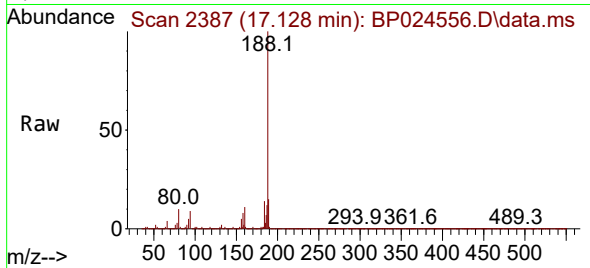
Tgt Ion:188 Resp: 679950

Ion Ratio Lower Upper

188 100

94 8.7 8.6 13.0

80 9.8 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3142

Delta R.T. -0.023 min

Lab File: BP024556.D

Acq: 06 May 2025 21:12

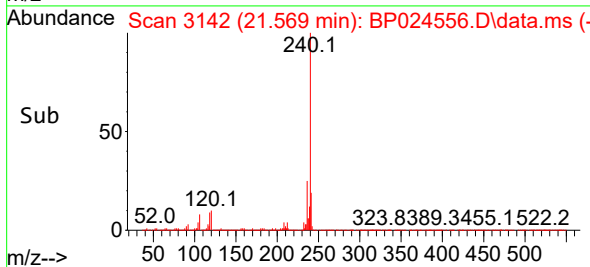
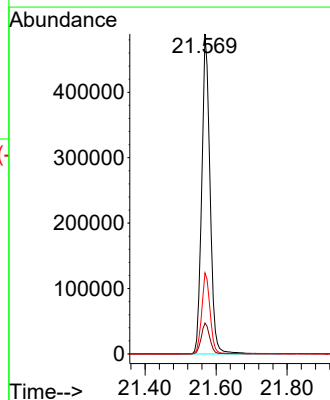
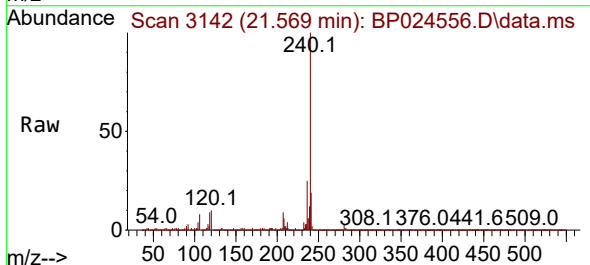
Tgt Ion:240 Resp: 798002

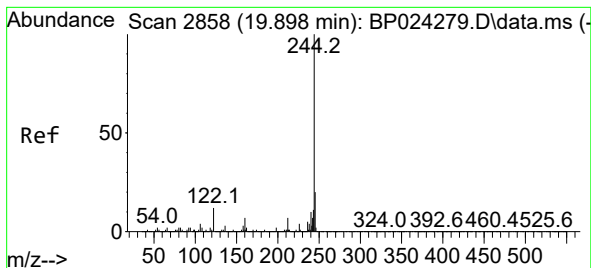
Ion Ratio Lower Upper

240 100

120 9.7 9.8 14.8#

236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 89.999 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024556.D

Acq: 06 May 2025 21:12

Instrument :

BNA_P

ClientSampleId :

SOIL-PILE

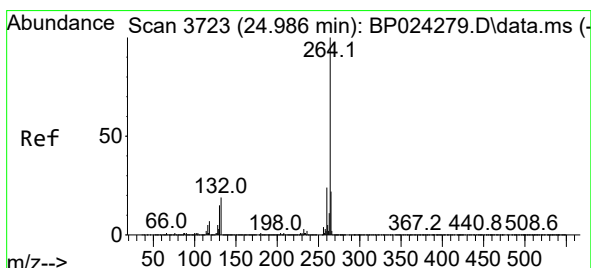
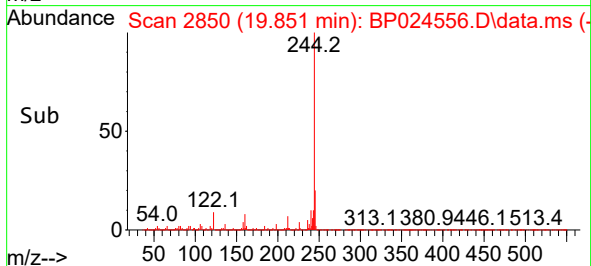
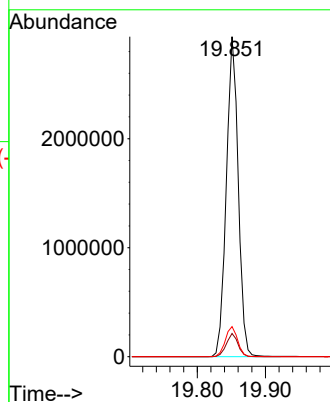
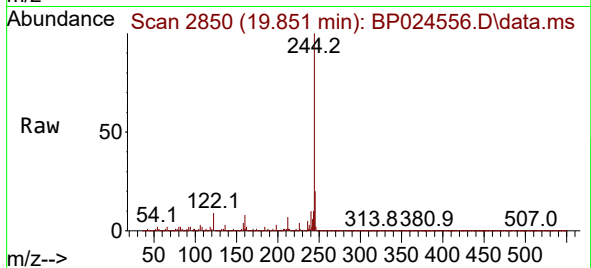
Tgt Ion:244 Resp: 3563091

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.4 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.898 min Scan# 3708

Delta R.T. -0.035 min

Lab File: BP024556.D

Acq: 06 May 2025 21:12

Tgt Ion:264 Resp: 933580

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.8 17.8 26.6

