

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024572.D
 Acq On : 08 May 2025 17:36
 Operator : RC/JU
 Sample : Q1966-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-1

Quant Time: May 08 18:34:59 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	7.699	152	119236	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	456728	20.000	ng	#-0.03
39) Acenaphthene-d10	14.334	164	272281	20.000	ng	-0.02
64) Phenanthrene-d10	17.134	188	539187	20.000	ng	-0.01
76) Chrysene-d12	21.563	240	691591	20.000	ng	-0.03
86) Perylene-d12	24.880	264	898894	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	530716	73.595	ng	-0.02
7) Phenol-d6	6.893	99	764311	77.404	ng	-0.02
23) Nitrobenzene-d5	8.846	82	497952	62.168	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	262543	69.693	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	1139318	64.067	ng	-0.02
79) Terphenyl-d14	19.851	244	2086401	60.808	ng	-0.02

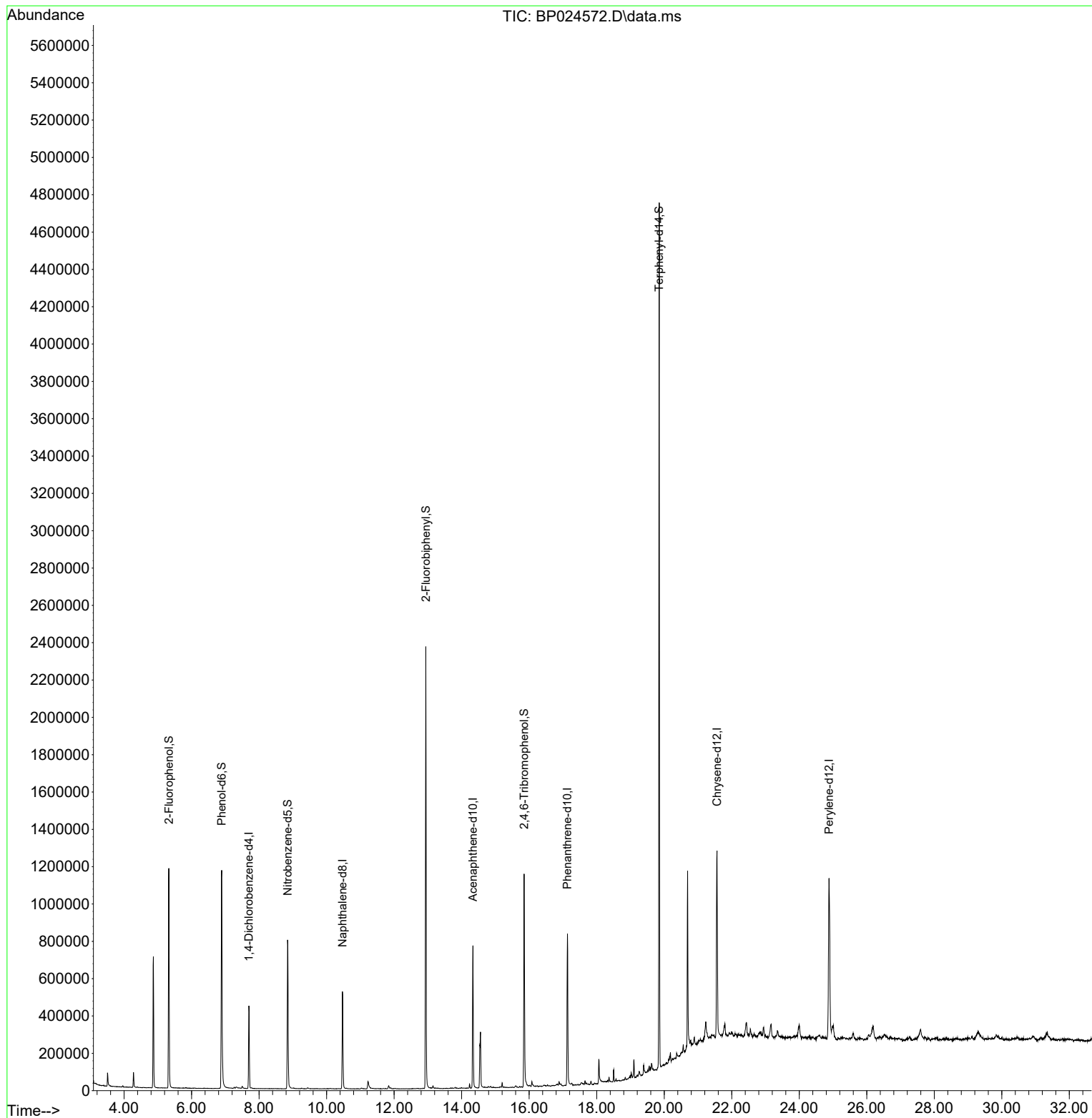
Target Compounds	Qvalue

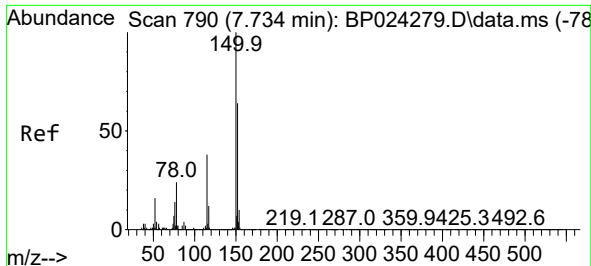
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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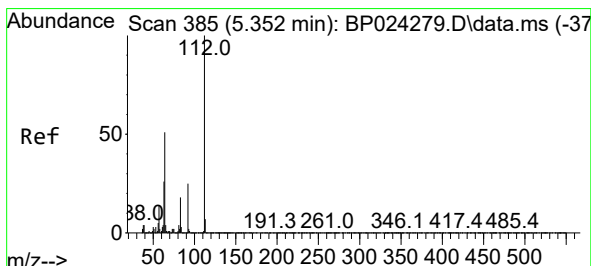
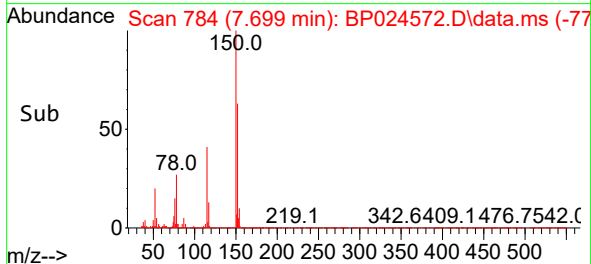
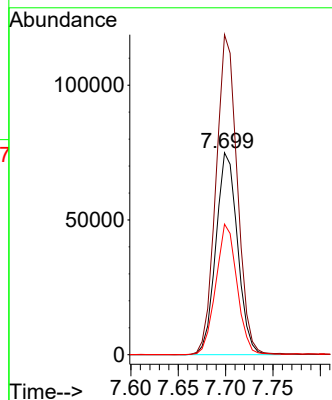
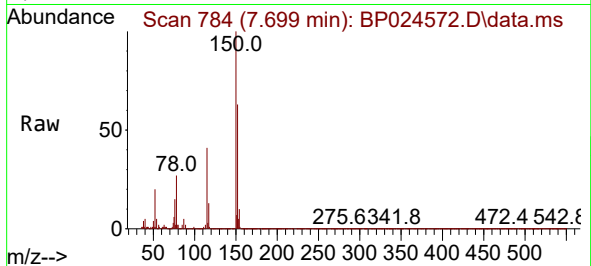




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. -0.023 min
Lab File: BP024572.D
Acq: 08 May 2025 17:36

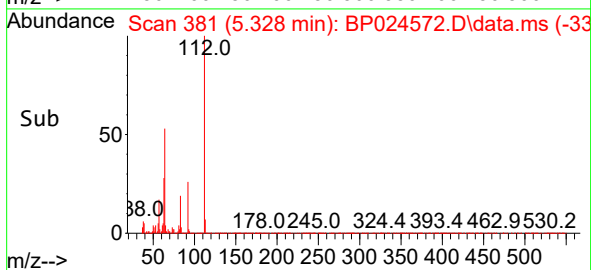
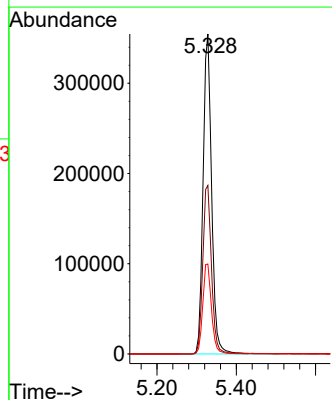
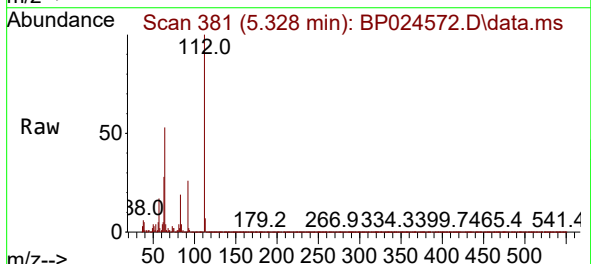
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1

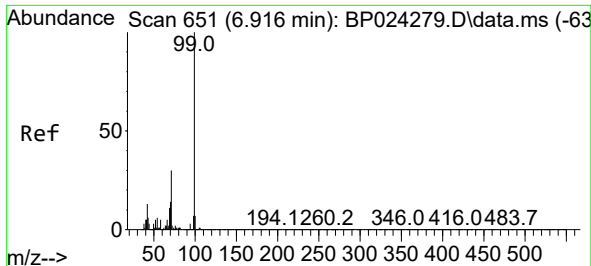
Tgt Ion:152 Resp: 119236
Ion Ratio Lower Upper
152 100
150 158.4 124.9 187.3
115 64.6 47.7 71.5



#5
2-Fluorophenol
Concen: 73.595 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024572.D
Acq: 08 May 2025 17:36

Tgt Ion:112 Resp: 530716
Ion Ratio Lower Upper
112 100
64 52.7 41.1 61.7
63 28.1 20.6 30.8

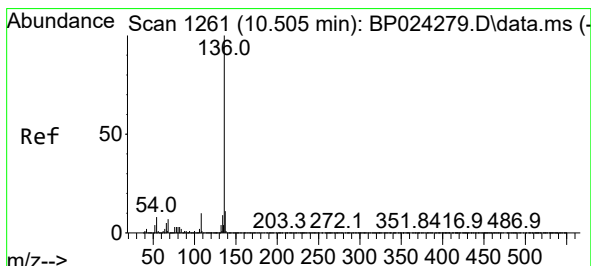
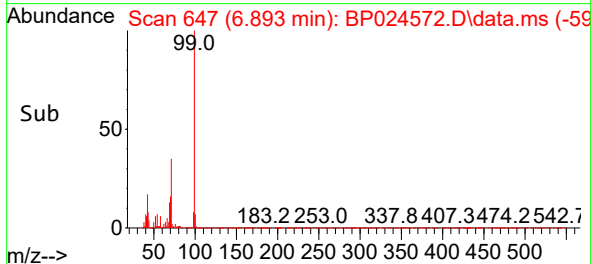
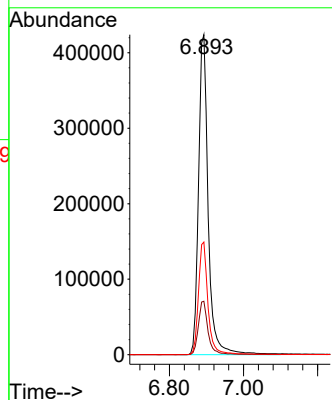
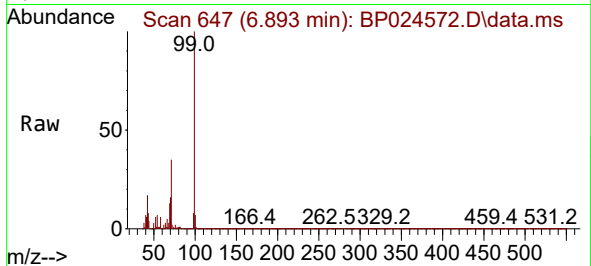




#7
Phenol-d6
Concen: 77.404 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.018 min
Lab File: BP024572.D
Acq: 08 May 2025 17:36

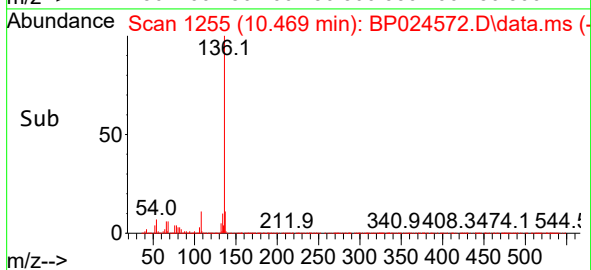
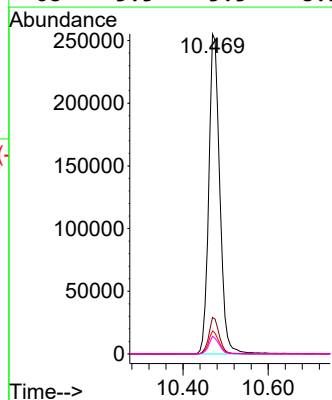
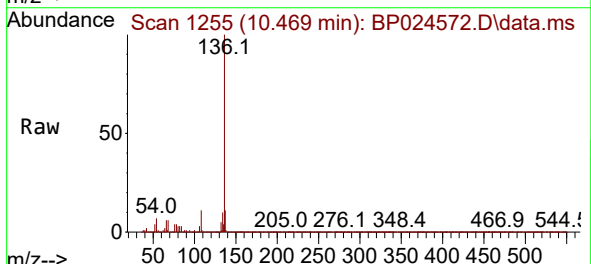
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1

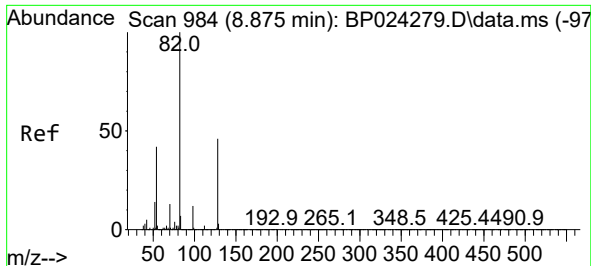
Tgt Ion: 99 Resp: 764311
Ion Ratio Lower Upper
99 100
42 16.7 10.6 16.0#
71 35.2 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.029 min
Lab File: BP024572.D
Acq: 08 May 2025 17:36

Tgt Ion: 136 Resp: 456728
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 7.2 6.0 9.0
68 5.5 5.5 8.3#

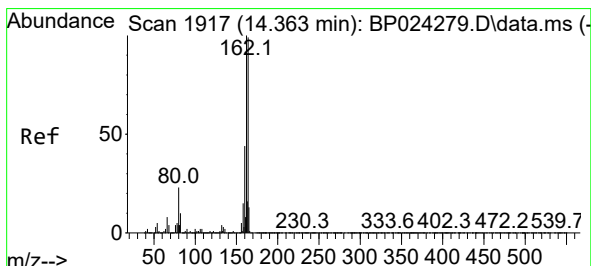
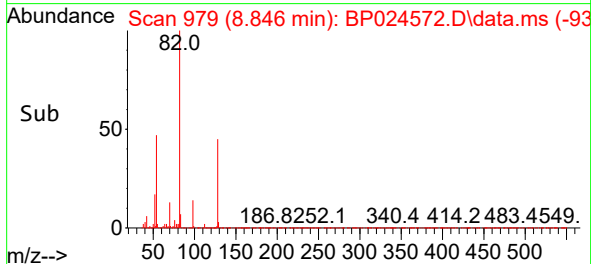
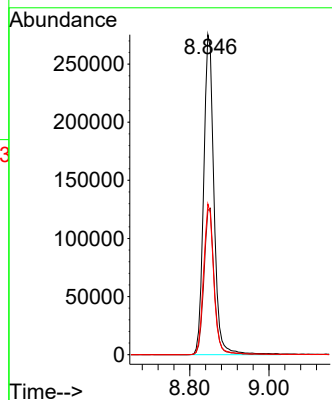
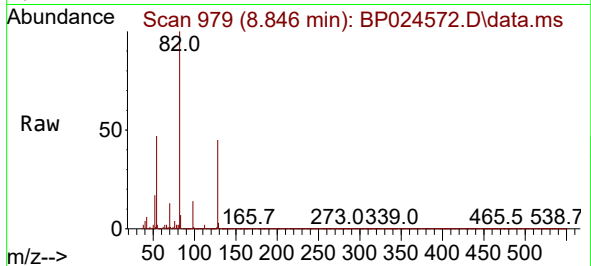




#23
Nitrobenzene-d5
Concen: 62.168 ng
RT: 8.846 min Scan# 91
Delta R.T. -0.023 min
Lab File: BP024572.D
Acq: 08 May 2025 17:36

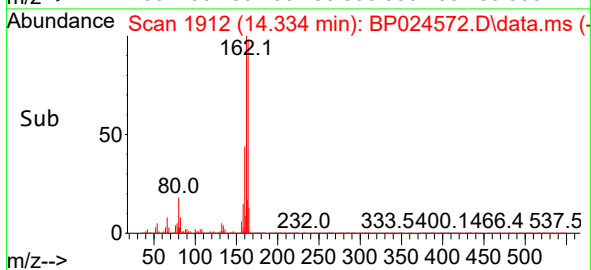
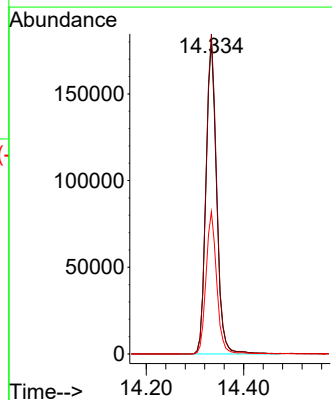
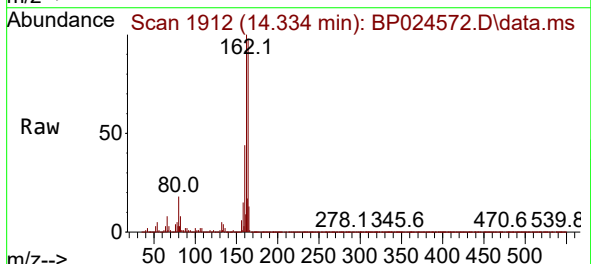
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1

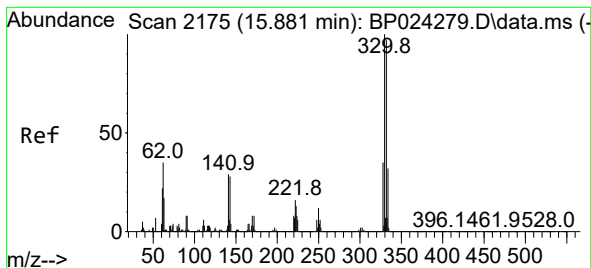
Tgt Ion: 82 Resp: 497952
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 47.1 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BP024572.D
Acq: 08 May 2025 17:36

Tgt Ion:164 Resp: 272281
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 45.4 35.3 52.9

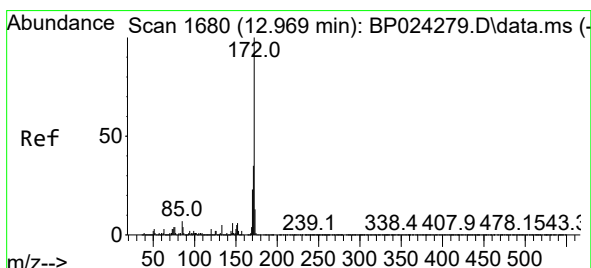
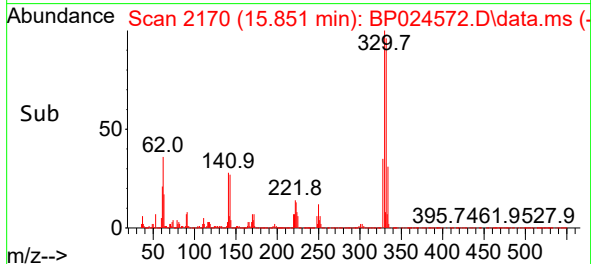
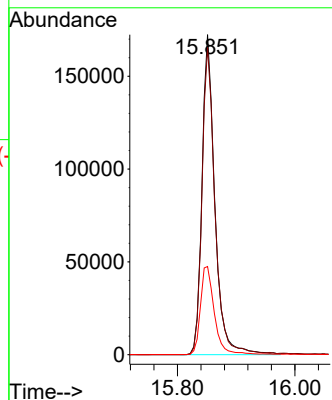
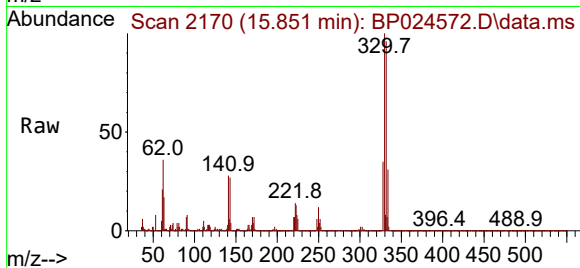




#42
2,4,6-Tribromophenol
Concen: 69.693 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024572.D
Acq: 08 May 2025 17:36

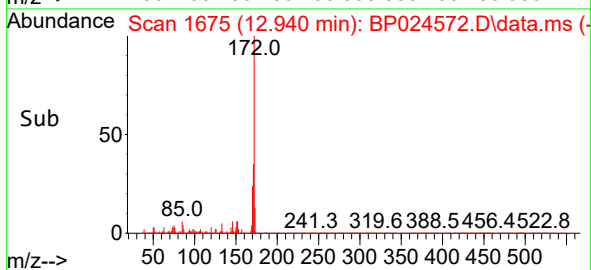
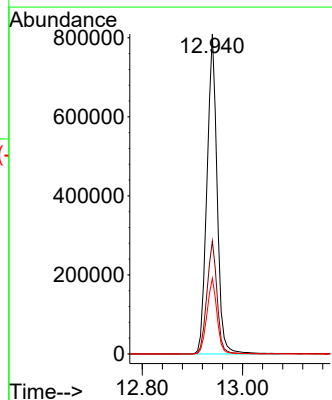
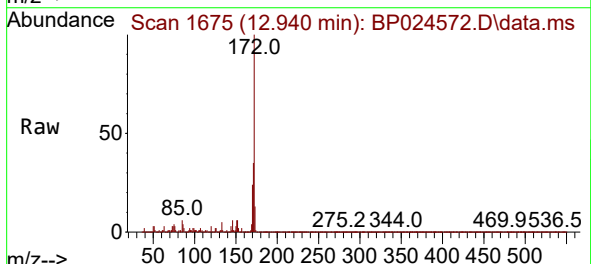
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1

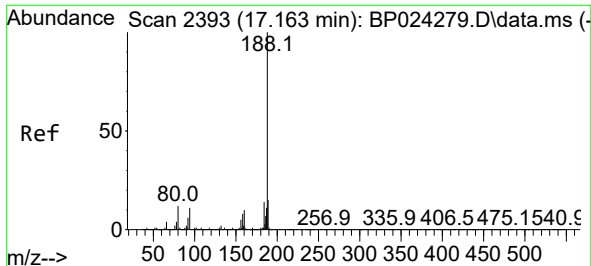
Tgt Ion: 330 Resp: 262543
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 29.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 64.067 ng
RT: 12.940 min Scan# 1675
Delta R.T. -0.023 min
Lab File: BP024572.D
Acq: 08 May 2025 17:36

Tgt Ion: 172 Resp: 1139318
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 18.6 27.8

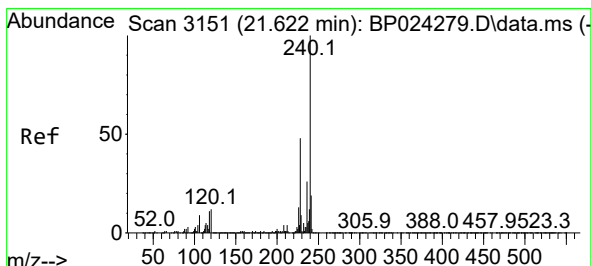
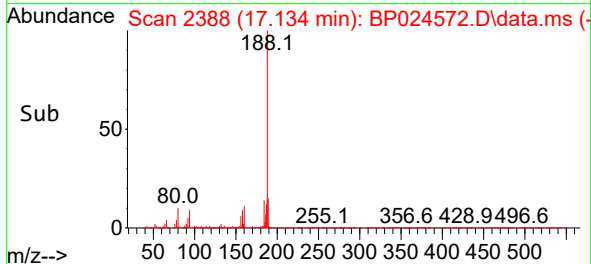
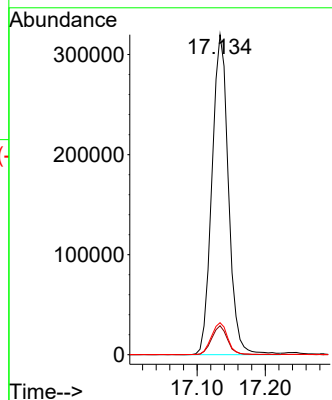
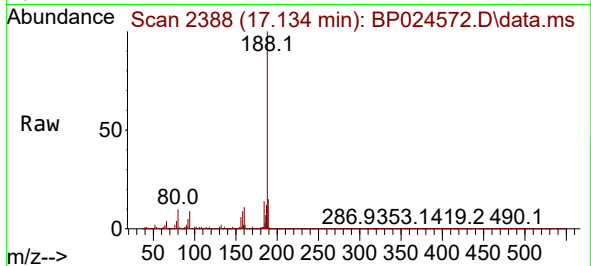




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024572.D
Acq: 08 May 2025 17:36

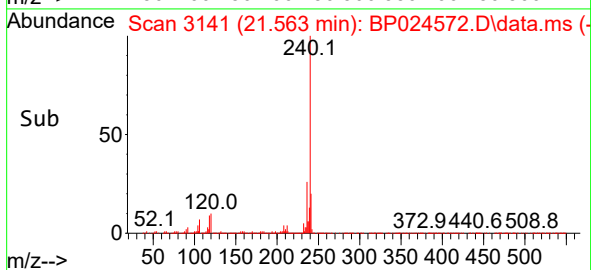
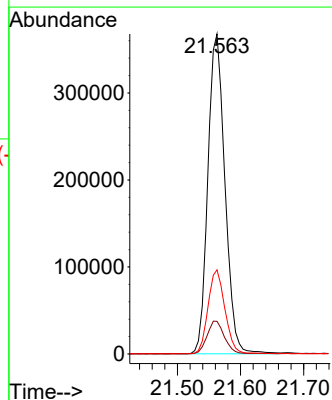
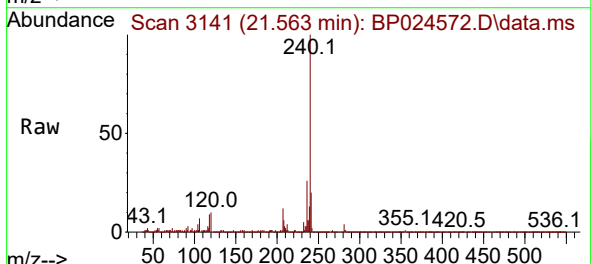
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1

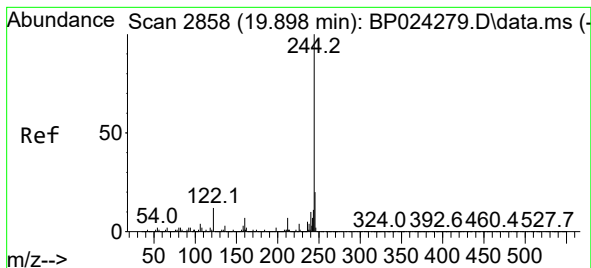
Tgt Ion:188 Resp: 539187
Ion Ratio Lower Upper
188 100
94 9.0 8.6 13.0
80 10.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.029 min
Lab File: BP024572.D
Acq: 08 May 2025 17:36

Tgt Ion:240 Resp: 691591
Ion Ratio Lower Upper
240 100
120 10.2 9.8 14.8
236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 60.808 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024572.D

Acq: 08 May 2025 17:36

Instrument :

BNA_P

ClientSampleId :

CONCRETE-1

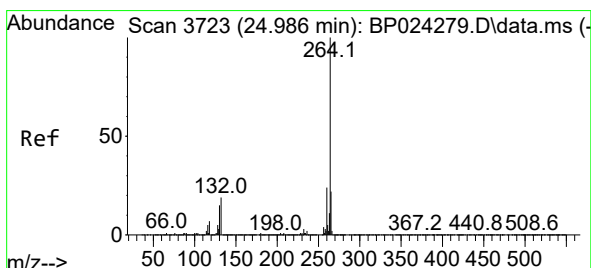
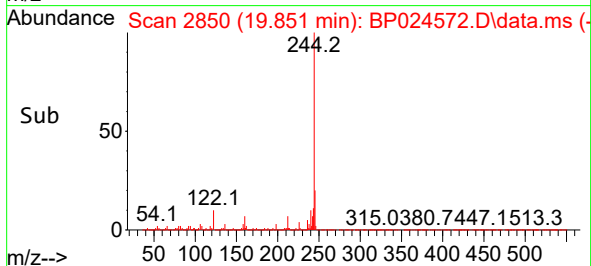
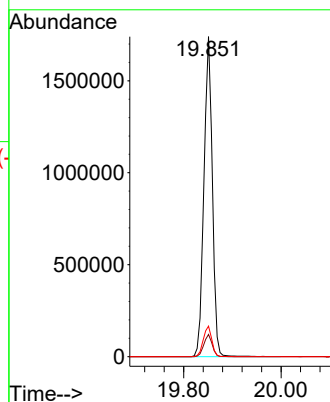
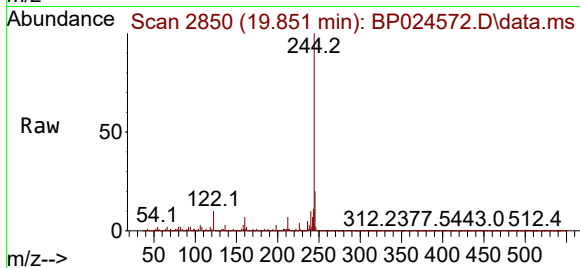
Tgt Ion:244 Resp: 2086401

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.880 min Scan# 3705

Delta R.T. -0.053 min

Lab File: BP024572.D

Acq: 08 May 2025 17:36

Tgt Ion:264 Resp: 898894

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 22.0 17.8 26.6

