

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024537.D
 Acq On : 05 May 2025 22:52
 Operator : RC/JU
 Sample : Q1946-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BB-CONCRETE

Quant Time: May 06 04:21:57 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)

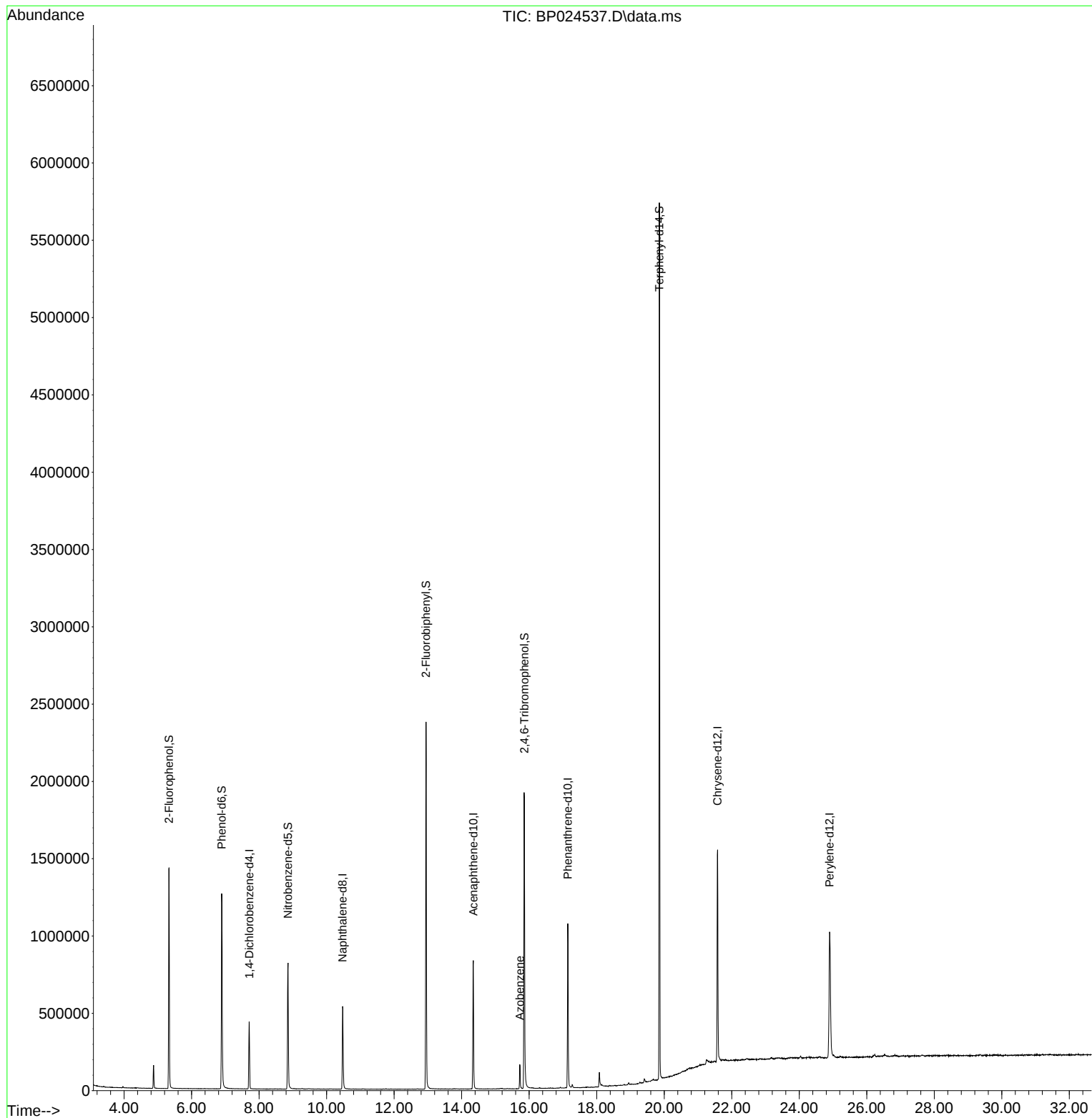
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	122622	20.000	ng	-0.01
21) Naphthalene-d8	10.475	136	478710	20.000	ng	#-0.02
39) Acenaphthene-d10	14.346	164	307330	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	657480	20.000	ng	0.00
76) Chrysene-d12	21.580	240	815920	20.000	ng	-0.01
86) Perylene-d12	24.898	264	929634	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	642702	86.663	ng	-0.01
7) Phenol-d6	6.893	99	809243	79.691	ng	-0.02
23) Nitrobenzene-d5	8.858	82	506725	60.358	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	455953	107.231	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1232314	61.394	ng	-0.02
79) Terphenyl-d14	19.857	244	2551979	63.044	ng	-0.02
Target Compounds						
63) Azobenzene	15.722	77	48998	2.315	ng	Qvalue # 1

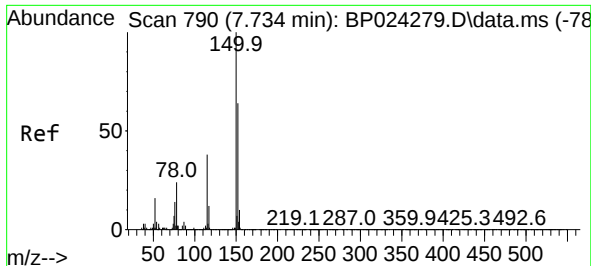
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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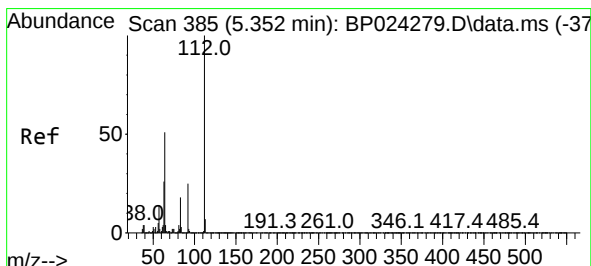
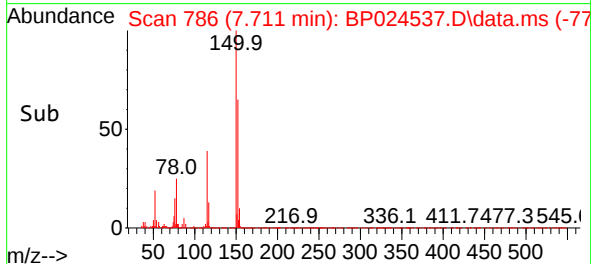
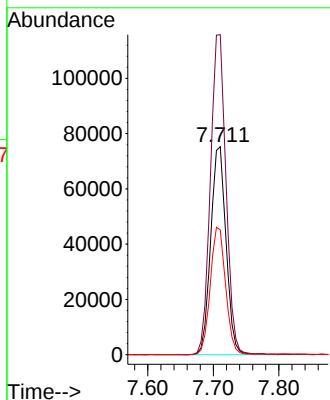
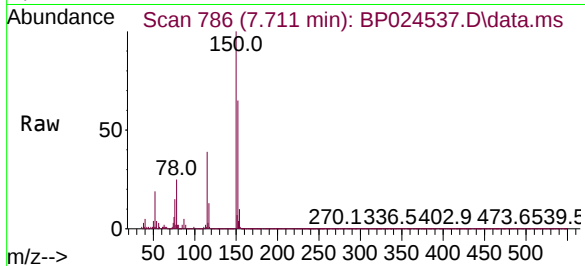




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.711 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BP024537.D
 Acq: 05 May 2025 22:52

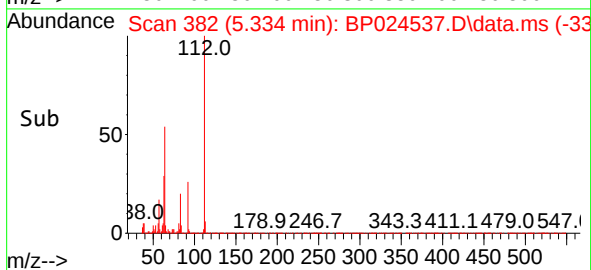
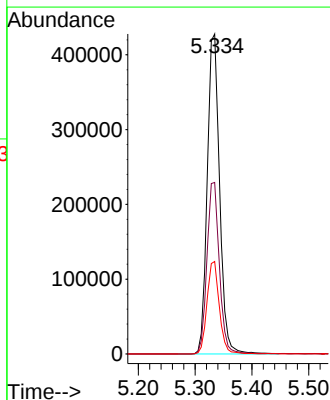
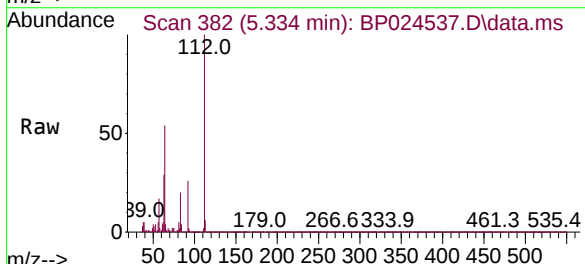
Instrument :
 BNA_P
 ClientSampleId :
 BB-CONCRETE

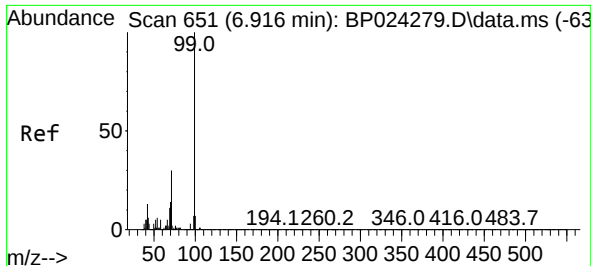
Tgt Ion:152 Resp: 122622
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.9 187.3
 115 60.0 47.7 71.5



#5
 2-Fluorophenol
 Concen: 86.663 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024537.D
 Acq: 05 May 2025 22:52

Tgt Ion:112 Resp: 642702
 Ion Ratio Lower Upper
 112 100
 64 53.6 41.1 61.7
 63 28.9 20.6 30.8

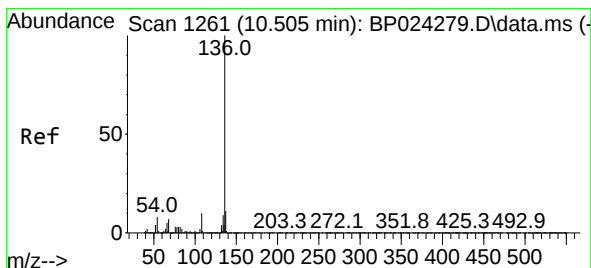
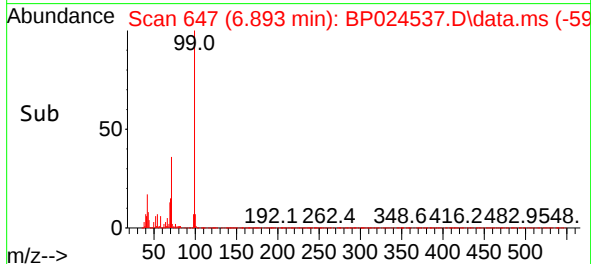
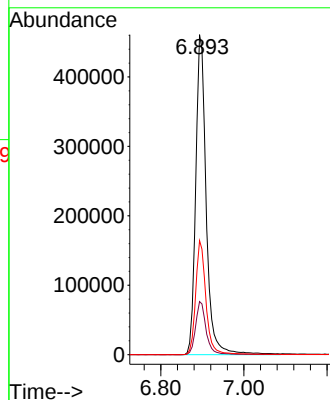
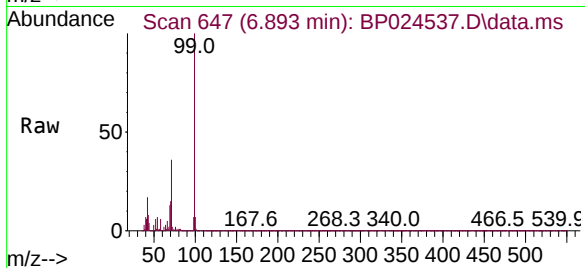




#7
Phenol-d6
Concen: 79.691 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.017 min
Lab File: BP024537.D
Acq: 05 May 2025 22:52

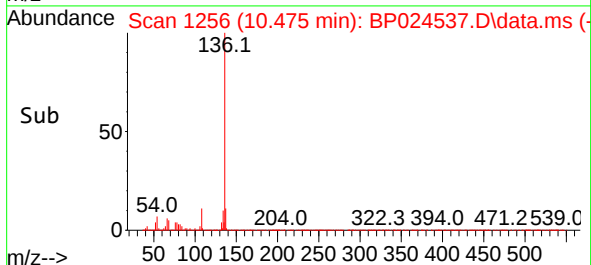
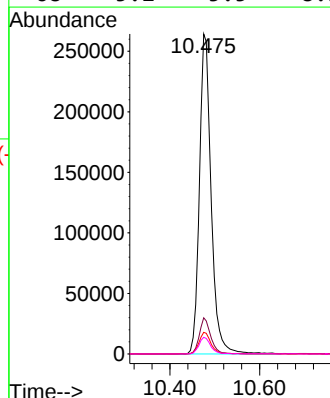
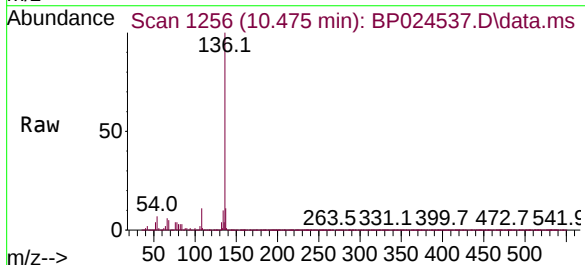
Instrument :
BNA_P
ClientSampleId :
BB-CONCRETE

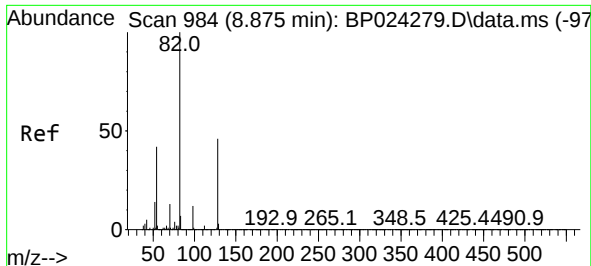
Tgt Ion: 99 Resp: 809243
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.7 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024537.D
Acq: 05 May 2025 22:52

Tgt Ion: 136 Resp: 478710
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.8 6.0 9.0
68 5.2 5.5 8.3#

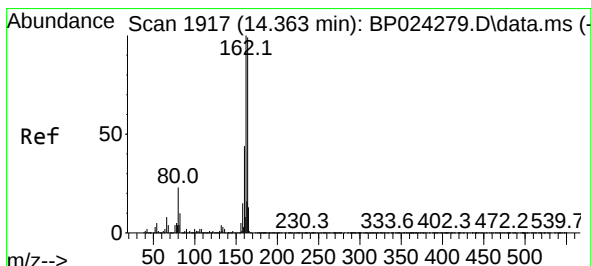
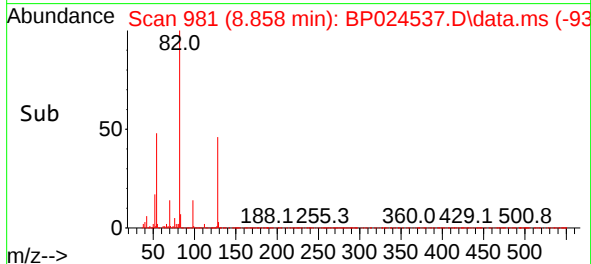
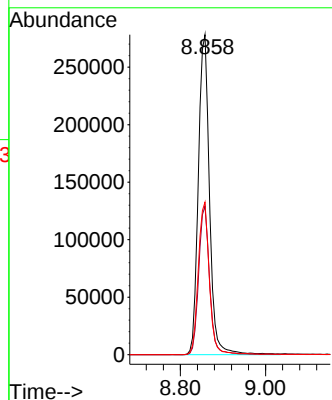
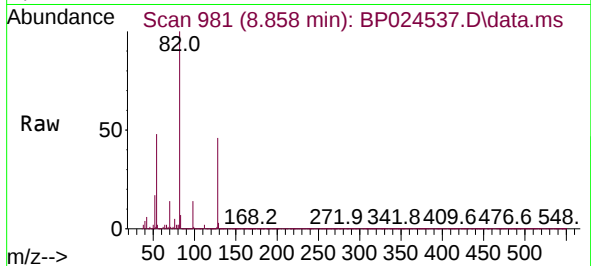




#23
 Nitrobenzene-d5
 Concen: 60.358 ng
 RT: 8.858 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BP024537.D
 Acq: 05 May 2025 22:52

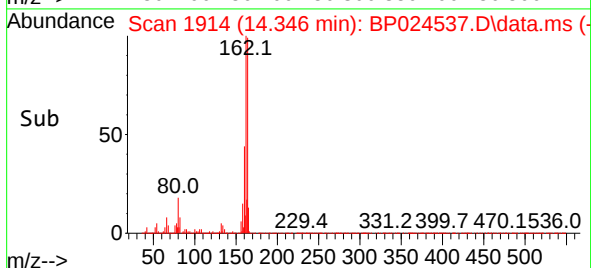
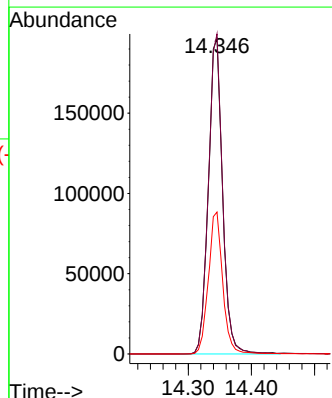
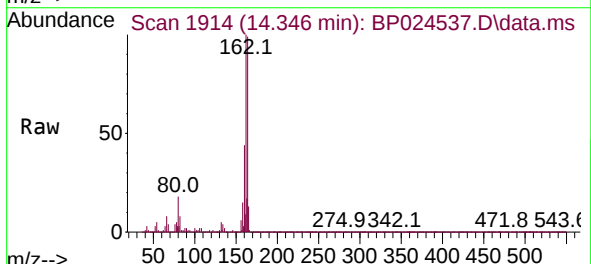
Instrument :
 BNA_P
 ClientSampleId :
 BB-CONCRETE

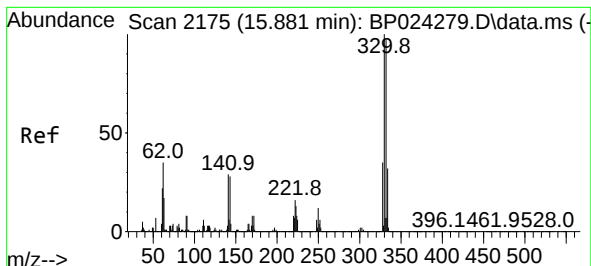
Tgt Ion: 82 Resp: 506725
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.5 54.7
 54 47.7 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.346 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BP024537.D
 Acq: 05 May 2025 22:52

Tgt Ion: 164 Resp: 307330
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.6 120.8
 160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 107.231 ng

RT: 15.857 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024537.D

Acq: 05 May 2025 22:52

Instrument :

BNA_P

ClientSampleId :

BB-CONCRETE

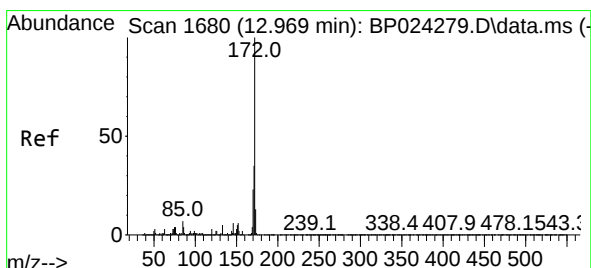
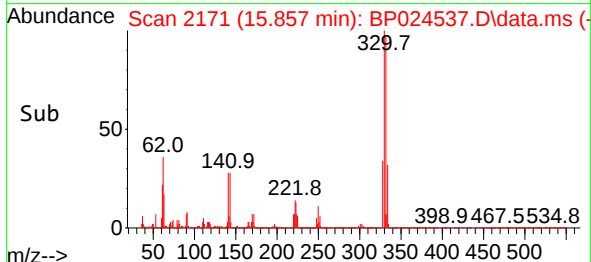
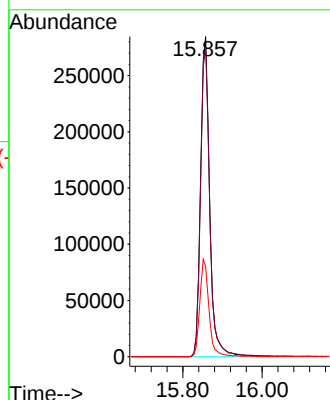
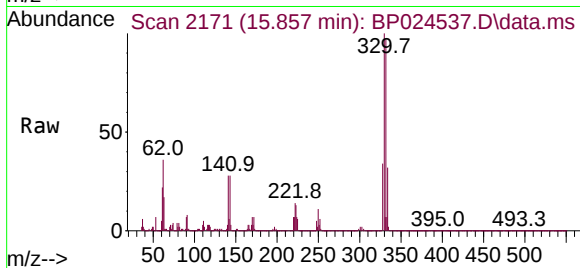
Tgt Ion:330 Resp: 455953

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 30.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 61.394 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.017 min

Lab File: BP024537.D

Acq: 05 May 2025 22:52

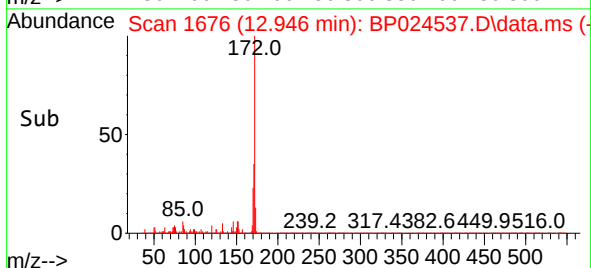
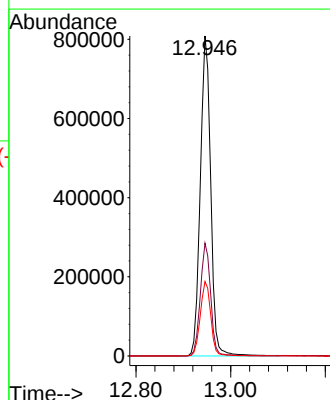
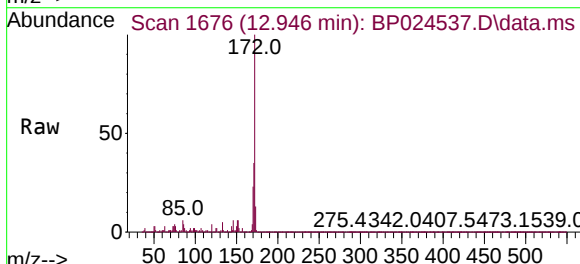
Tgt Ion:172 Resp: 1232314

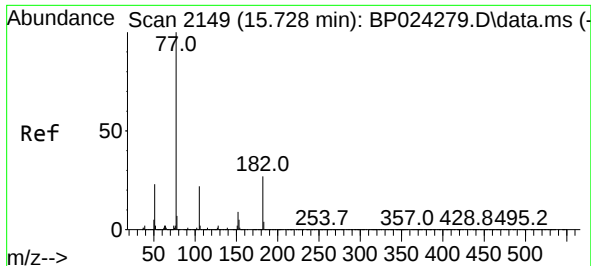
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.3 18.6 27.8

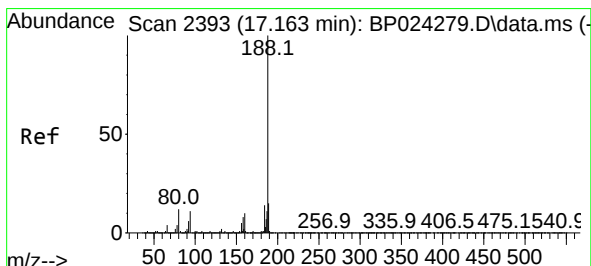
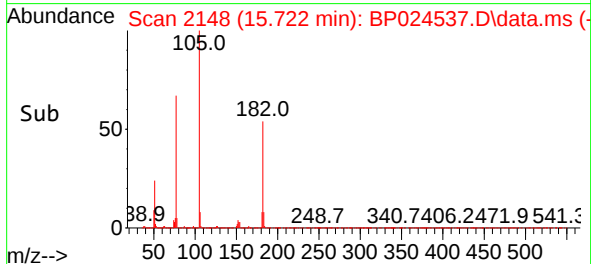
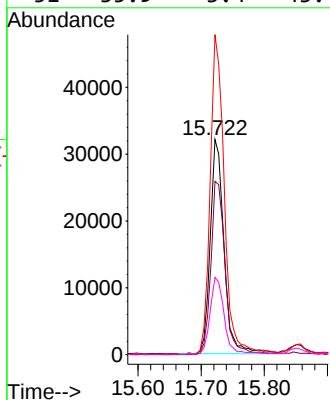
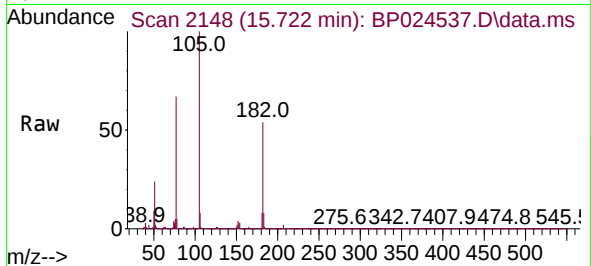




#63
Azobenzene
Concen: 2.315 ng
RT: 15.722 min Scan# 2149
Delta R.T. 0.012 min
Lab File: BP024537.D
Acq: 05 May 2025 22:52

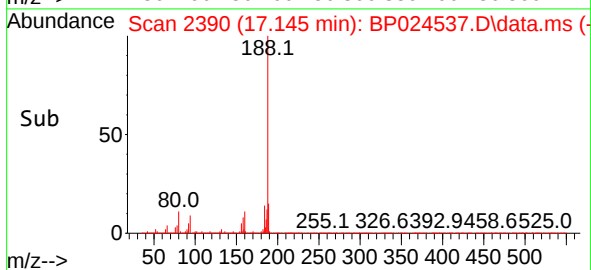
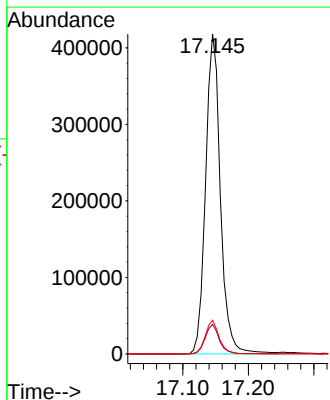
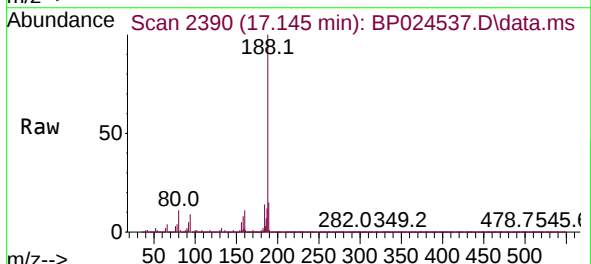
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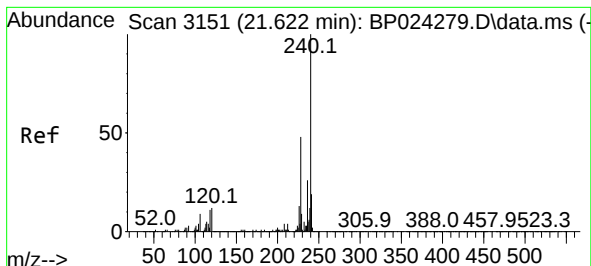
Tgt Ion: 77	Resp: 48998
Ion Ratio	Lower Upper
77 100	
182 80.5	7.3 47.3#
105 148.6	2.3 42.3#
51 35.9	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024537.D
Acq: 05 May 2025 22:52

Tgt Ion: 188	Resp: 657480
Ion Ratio	Lower Upper
188 100	
94 9.2	8.6 13.0
80 10.6	9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024537.D

Acq: 05 May 2025 22:52

Instrument :

BNA_P

ClientSampleId :

BB-CONCRETE

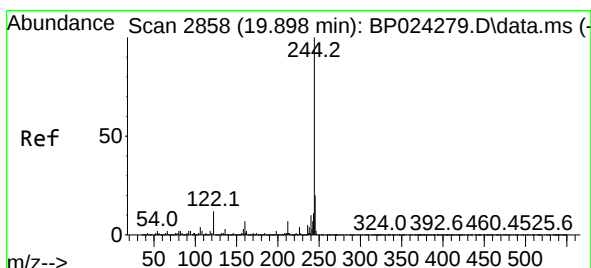
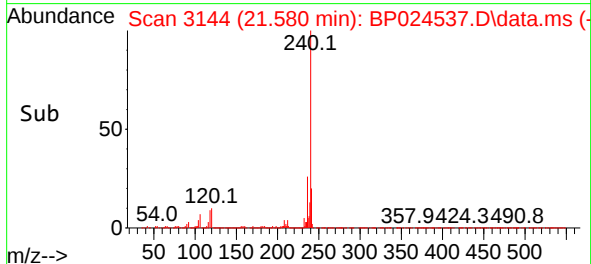
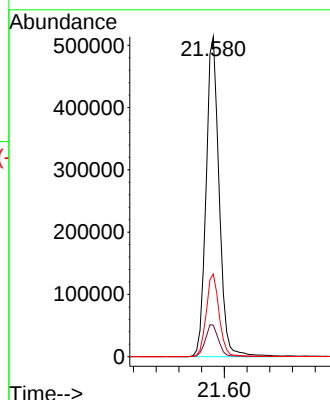
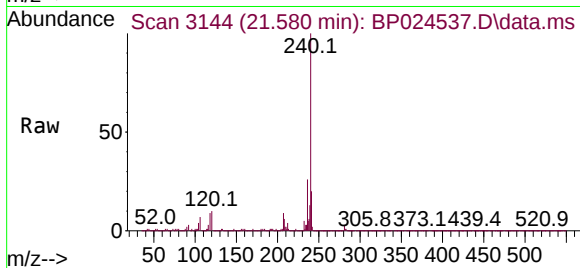
Tgt Ion:240 Resp: 815920

Ion Ratio Lower Upper

240 100

120 9.8 9.8 14.8

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 63.044 ng

RT: 19.857 min Scan# 2851

Delta R.T. -0.017 min

Lab File: BP024537.D

Acq: 05 May 2025 22:52

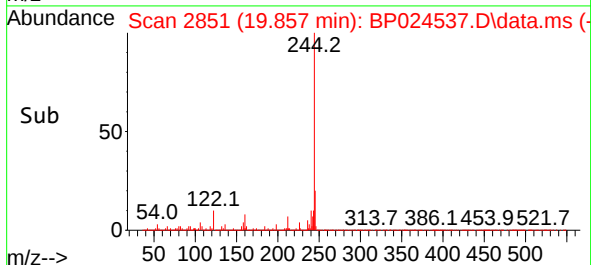
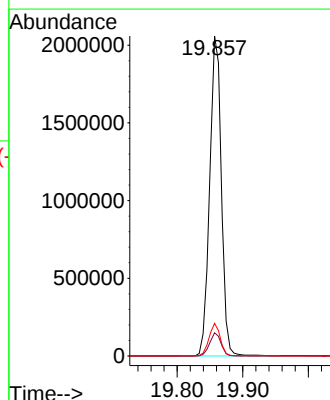
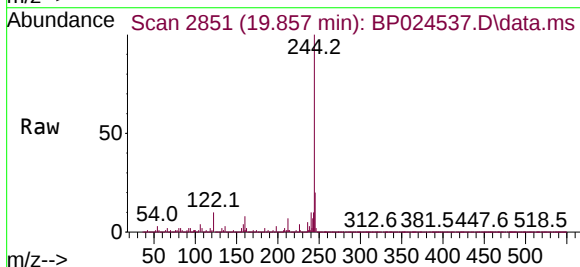
Tgt Ion:244 Resp: 2551979

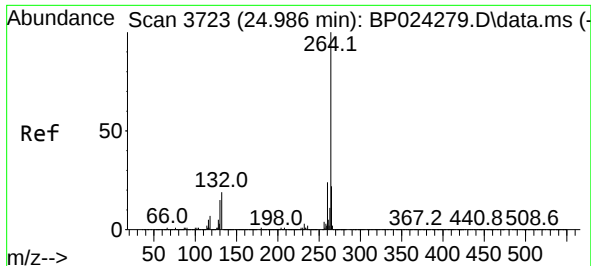
Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.2 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.898 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP024537.D

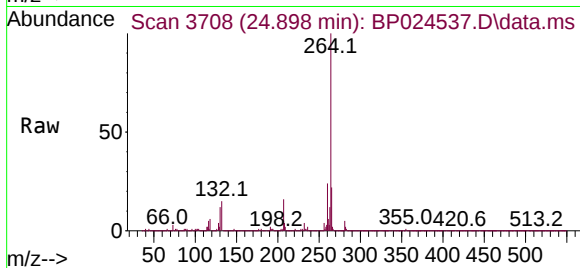
Acq: 05 May 2025 22:52

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BNA_P

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Tgt Ion:264 Resp: 929634

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.3 17.8 26.6

