

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
 Data File : BP025905.D
 Acq On : 01 Oct 2025 17:52
 Operator : CG/JU
 Sample : Q3255-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-1-WC

Quant Time: Oct 01 18:13:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	182201	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	689769	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	425108	20.000	ng	-0.02
64) Phenanthrene-d10	17.160	188	827047	20.000	ng	-0.02
76) Chrysene-d12	21.613	240	819683	20.000	ng	-0.03
86) Perylene-d12	24.954	264	910076	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	991700	87.824	ng	0.00
7) Phenol-d6	6.949	99	1337582	89.118	ng	0.00
23) Nitrobenzene-d5	8.884	82	737270	47.149	ng	-0.02
42) 2,4,6-Tribromophenol	15.884	330	537715	101.410	ng	-0.02
45) 2-Fluorobiphenyl	12.966	172	1701848	53.305	ng	-0.02
79) Terphenyl-d14	19.883	244	2873619	63.068	ng	-0.03

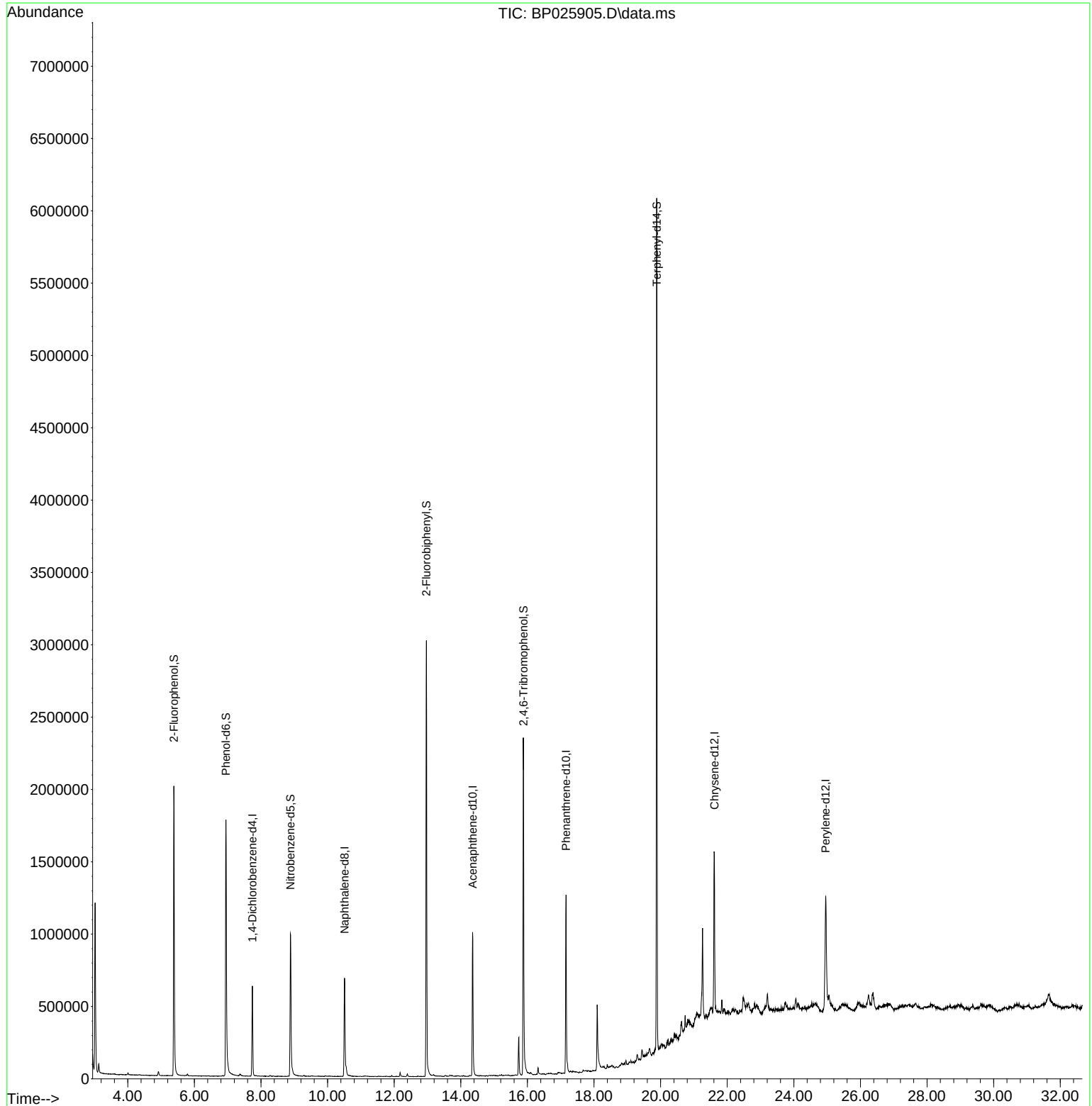
Target Compounds	Qvalue

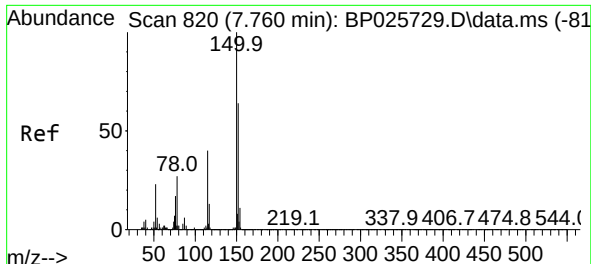
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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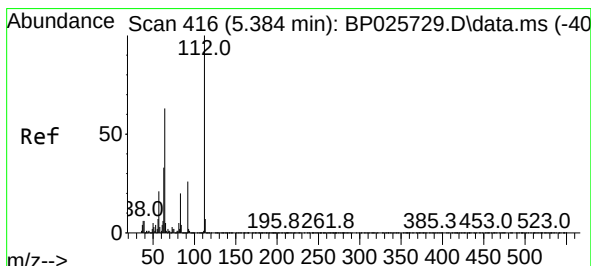
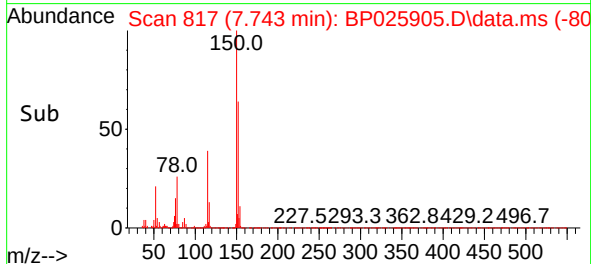
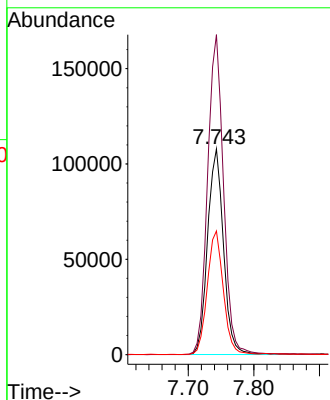
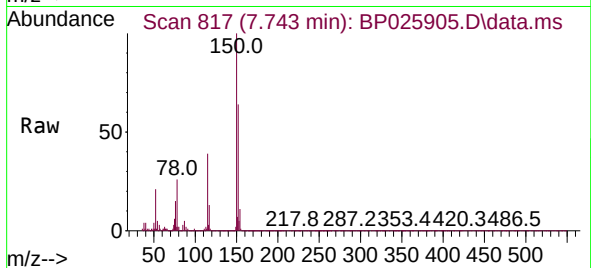




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

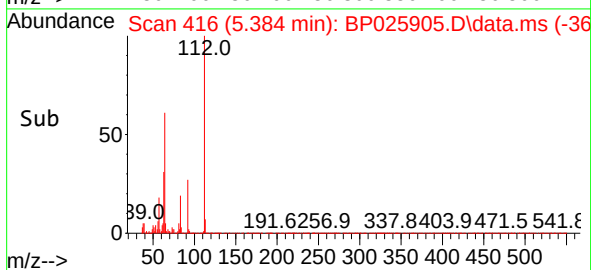
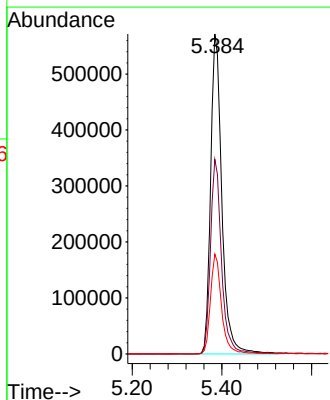
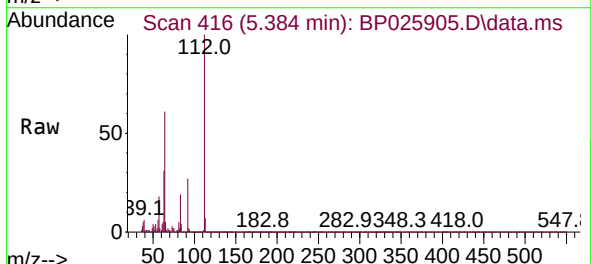
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1-WC

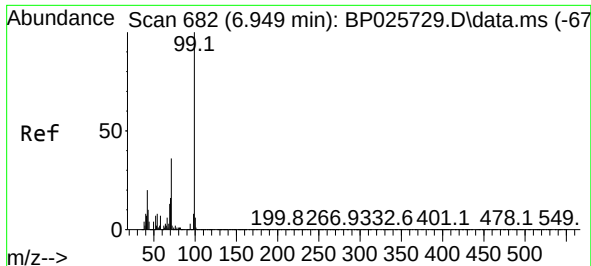
Tgt Ion:152 Resp: 182201
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 60.1 50.3 75.5



#5
2-Fluorophenol
Concen: 87.824 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

Tgt Ion:112 Resp: 991700
Ion Ratio Lower Upper
112 100
64 60.8 50.2 75.4
63 31.2 26.7 40.1

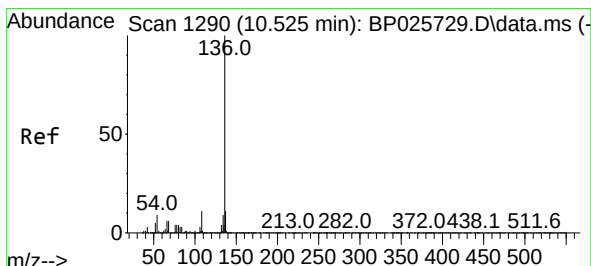
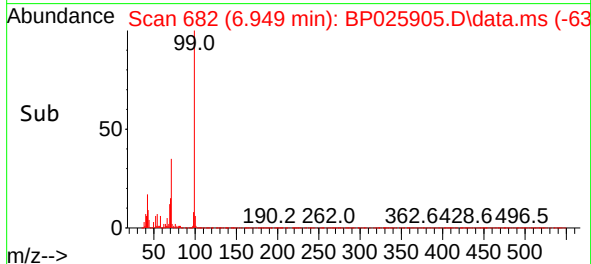
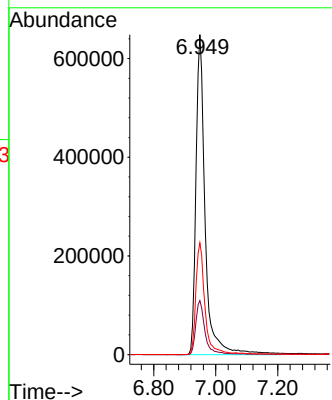
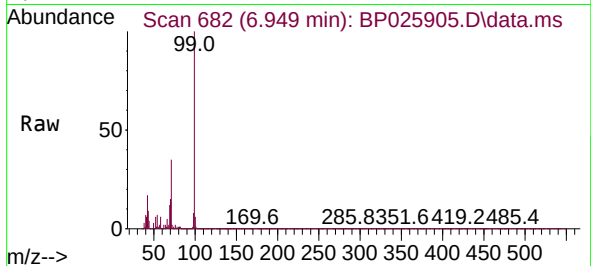




#7
Phenol-d6
Concen: 89.118 ng
RT: 6.949 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

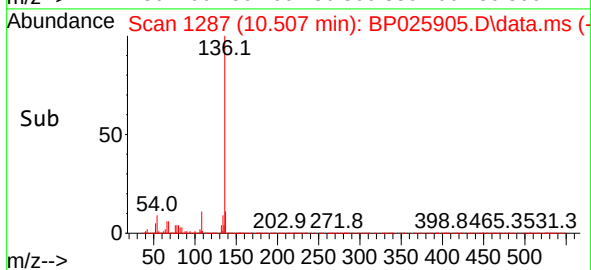
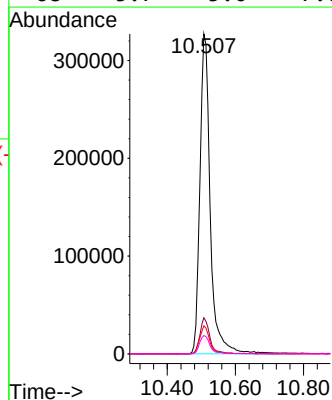
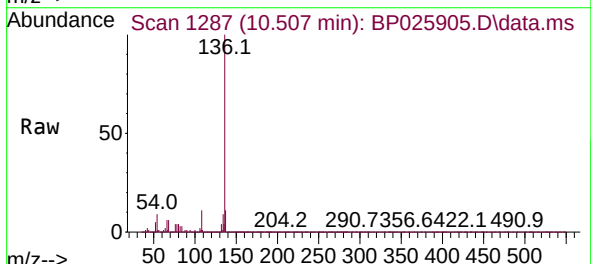
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1-WC

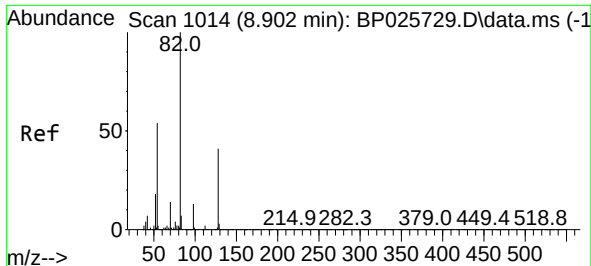
Tgt Ion: 99 Resp: 1337582
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 35.0 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

Tgt Ion:136 Resp: 689769
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.8 7.5 11.3
68 5.7 5.0 7.6

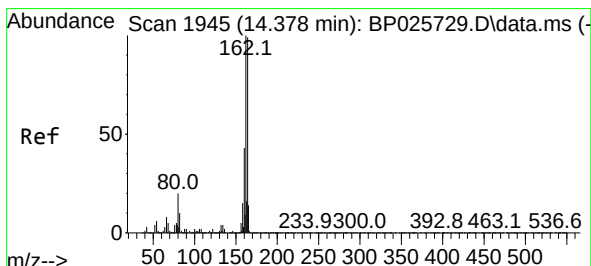
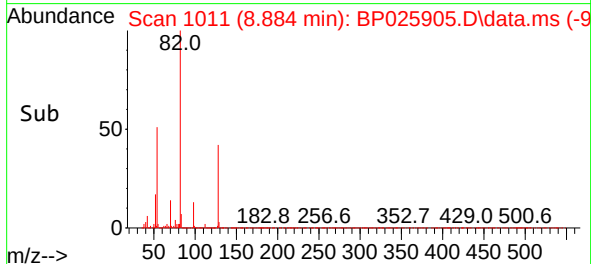
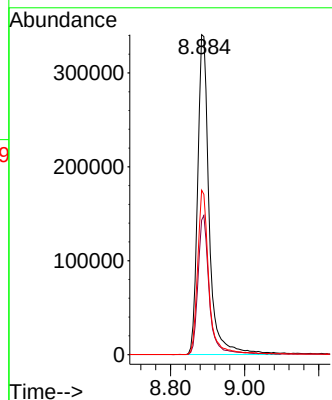
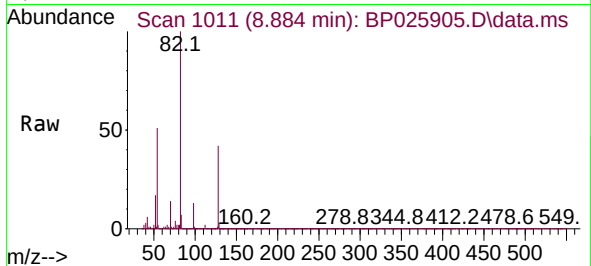




#23
Nitrobenzene-d5
Concen: 47.149 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

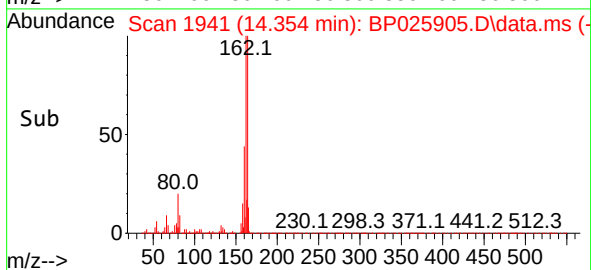
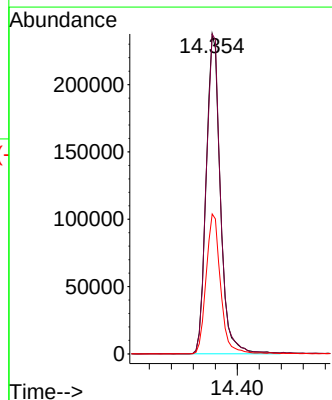
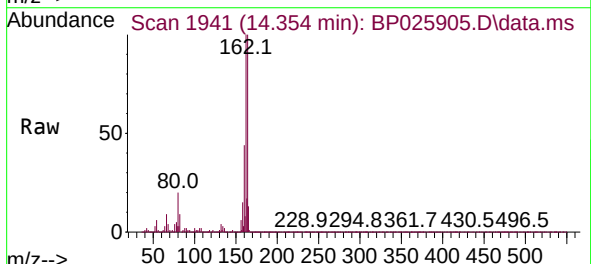
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1-WC

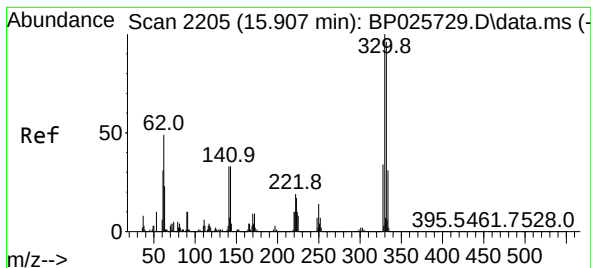
Tgt Ion: 82 Resp: 737270
Ion Ratio Lower Upper
82 100
128 42.0 32.9 49.3
54 51.4 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.024 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

Tgt Ion:164 Resp: 425108
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 43.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 101.410 ng

RT: 15.884 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP025905.D

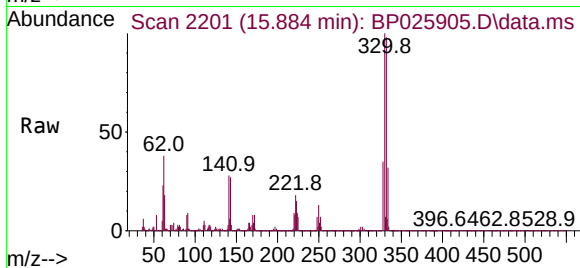
Acq: 01 Oct 2025 17:52

Instrument :

BNA_P

ClientSampleId :

CONCRETE-1-WC



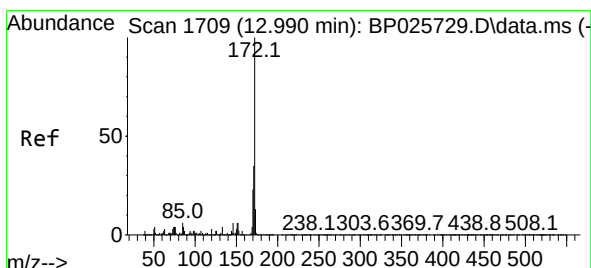
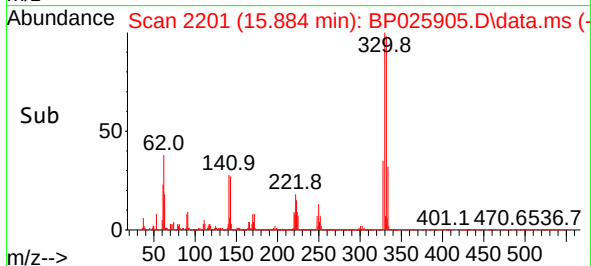
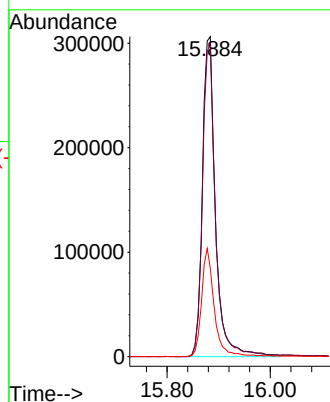
Tgt Ion:330 Resp: 537715

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 32.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 53.305 ng

RT: 12.966 min Scan# 1705

Delta R.T. -0.023 min

Lab File: BP025905.D

Acq: 01 Oct 2025 17:52

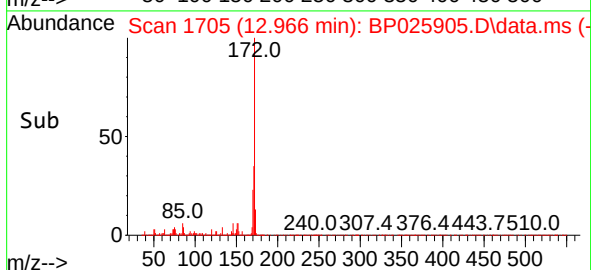
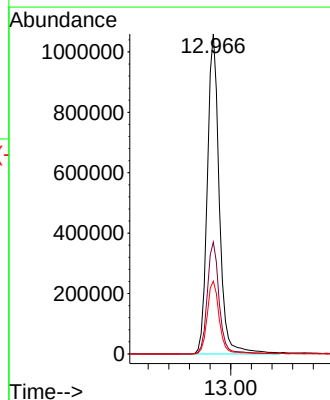
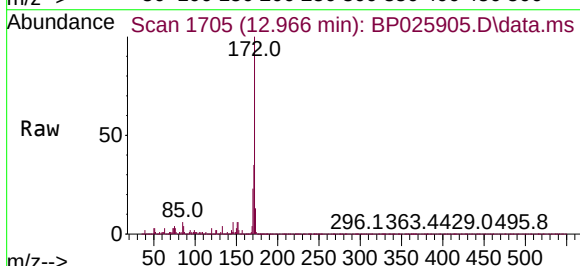
Tgt Ion:172 Resp: 1701848

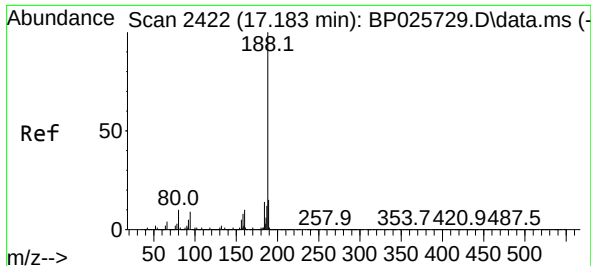
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 22.7 18.6 27.8

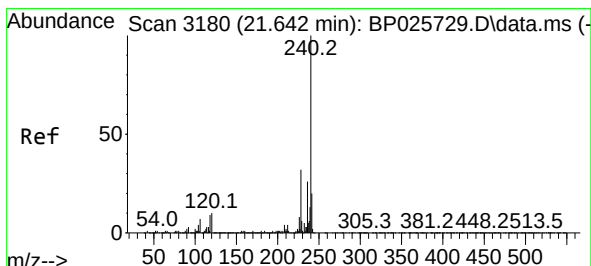
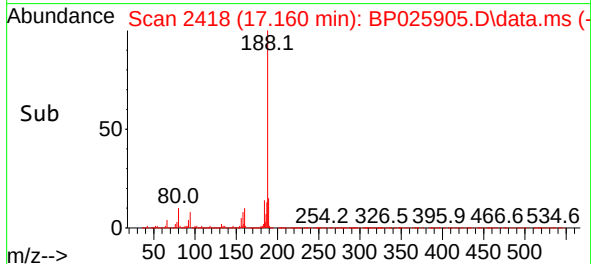
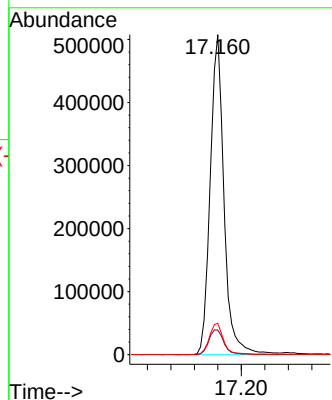
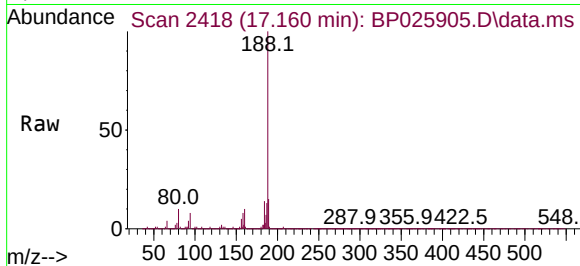




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 24
Delta R.T. -0.024 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

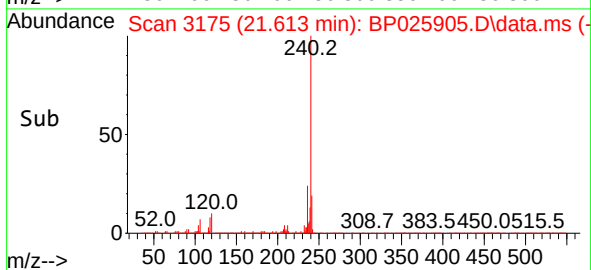
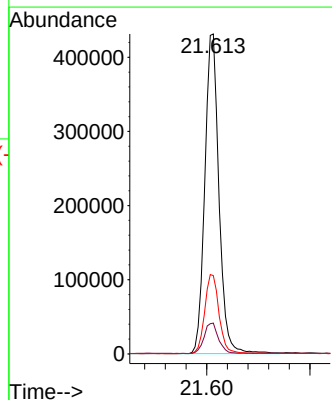
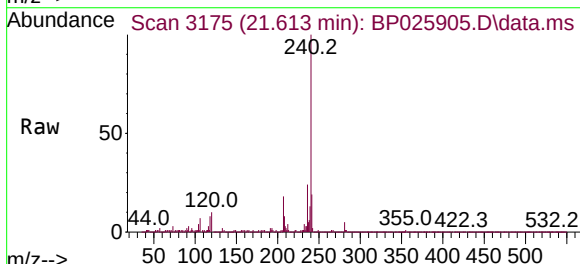
Instrument :
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CONCRETE-1-WC

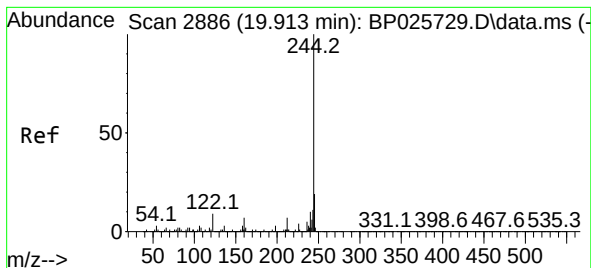
Tgt Ion:188 Resp: 827047
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.0
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.029 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

Tgt Ion:240 Resp: 819683
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 24.5 20.7 31.1





#79

Terphenyl-d14

Concen: 63.068 ng

RT: 19.883 min Scan# 2881

Delta R.T. -0.029 min

Lab File: BP025905.D

Acq: 01 Oct 2025 17:52

Instrument :

BNA_P

ClientSampleId :

CONCRETE-1-WC

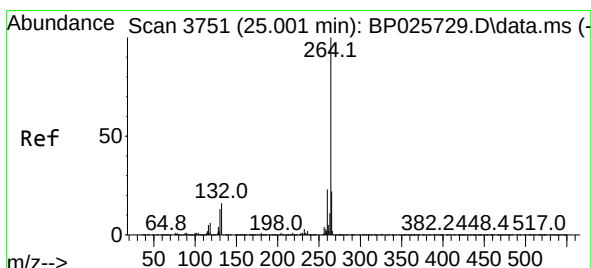
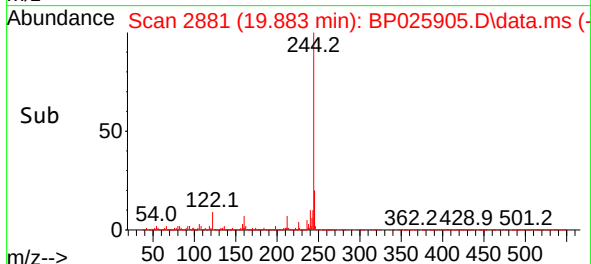
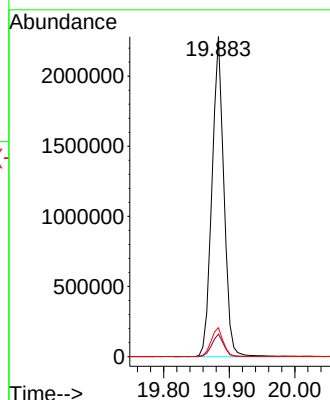
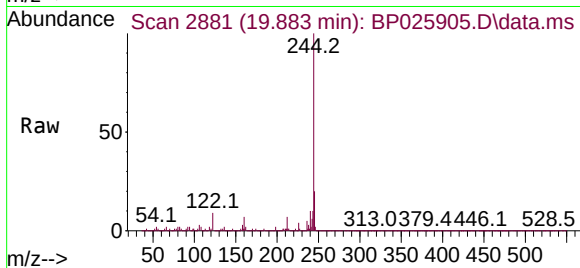
Tgt Ion:244 Resp: 2873619

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.0 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.954 min Scan# 3743

Delta R.T. -0.047 min

Lab File: BP025905.D

Acq: 01 Oct 2025 17:52

Tgt Ion:264 Resp: 910076

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 22.6 17.3 25.9

