

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)

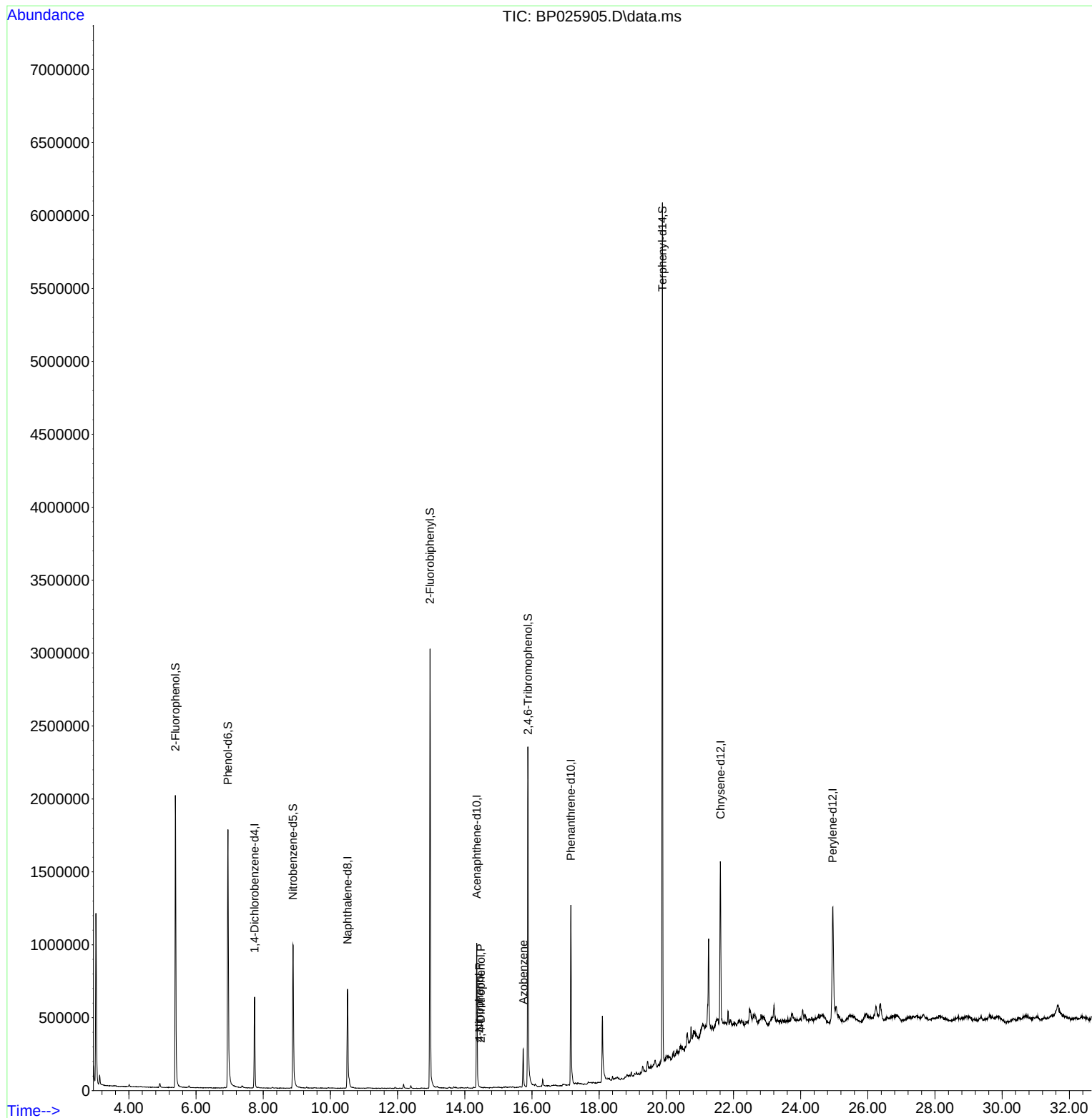
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	182201	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	689769	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	425108	20.000	ng	-0.02
64) Phenanthrene-d10	17.160	188	827047	20.000	ng	-0.02
76) Chrysene-d12	21.613	240	819683	20.000	ng	-0.03
86) 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
54) 2,4-Dinitrophenol	14.478	184	11	4.827	ng	# 1
56) 4-Nitrophenol	14.437	139	165	4.507	ng	97
63) Azobenzene	15.742	77	90799	2.852	ng	# 1

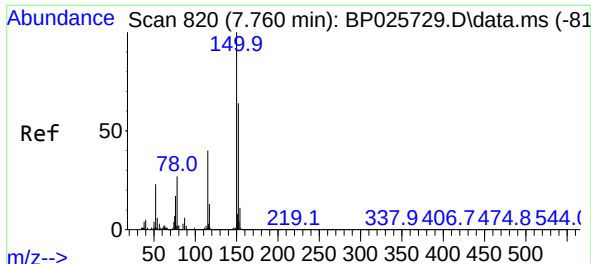
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

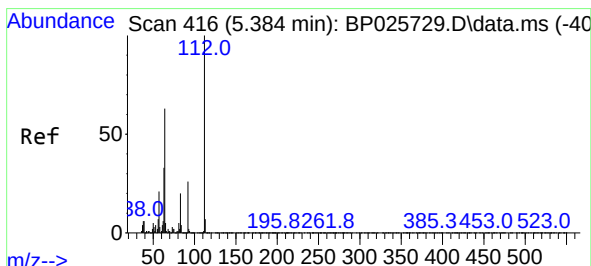
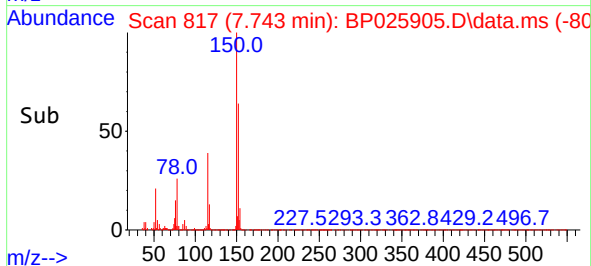
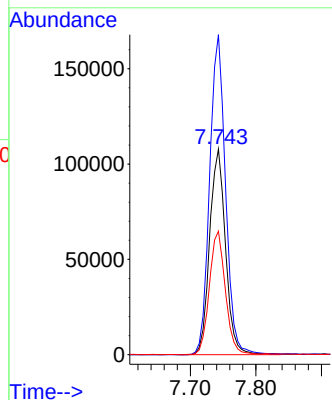
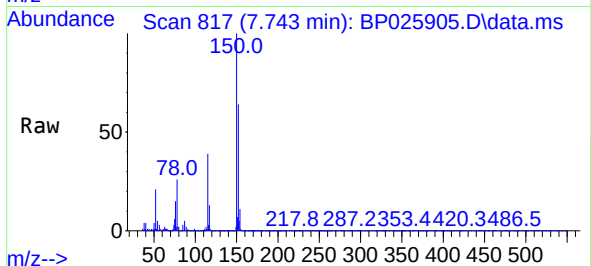




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

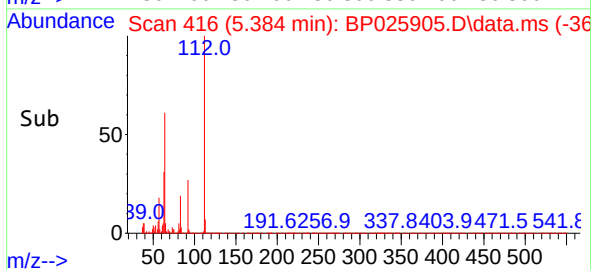
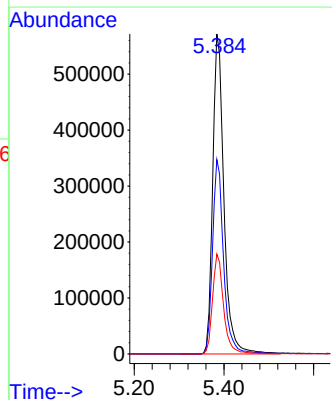
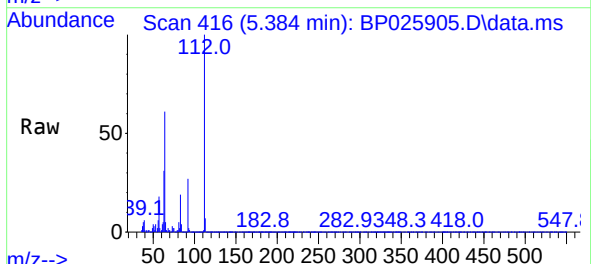
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1-WC

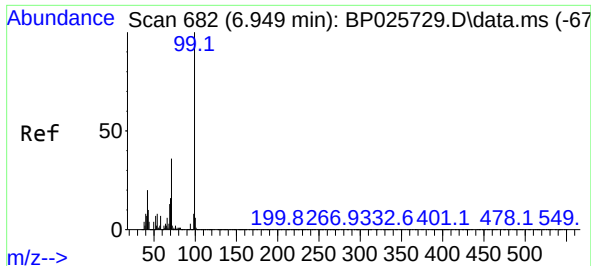
Tgt Ion:152 Resp: 182201
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 60.1 50.3 75.5



#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

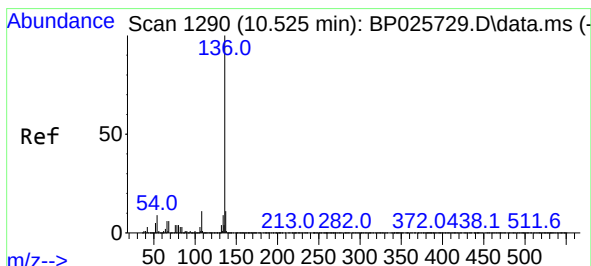
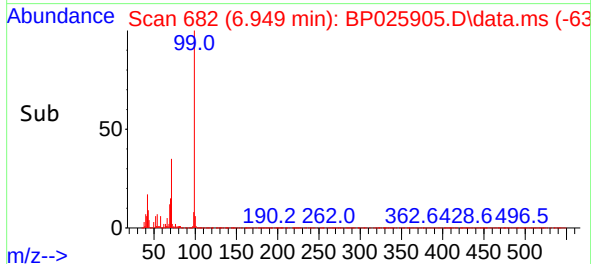
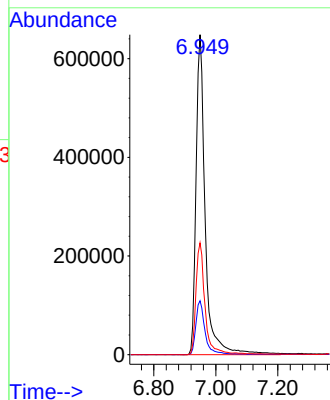
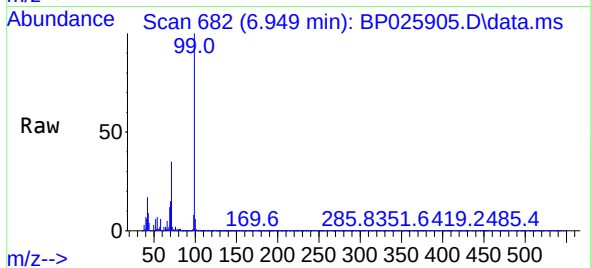




#7
Phenol-d6
Concen: 89.118 ng
RT: 6.949 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

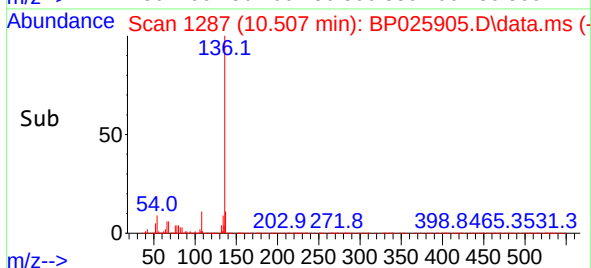
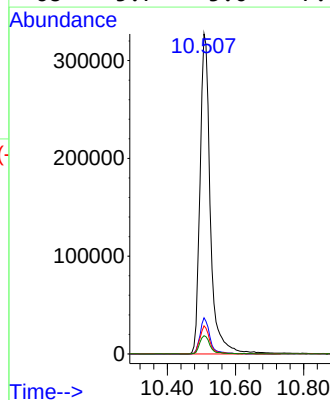
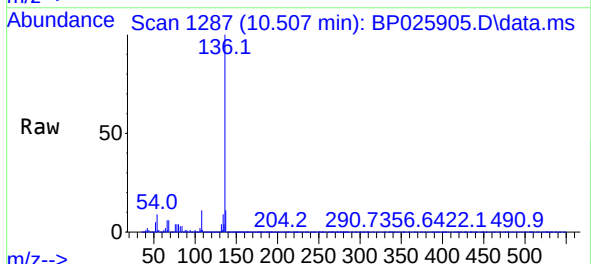
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1-WC

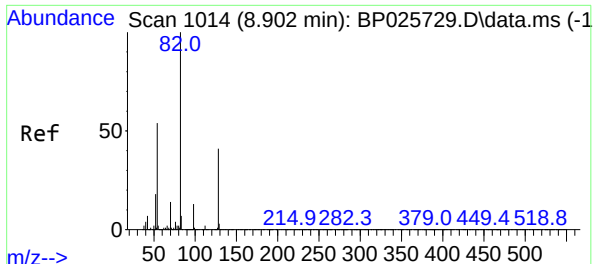
Tgt Ion: 99 Resp: 1337582
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 35.0 28.6 43.0



#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

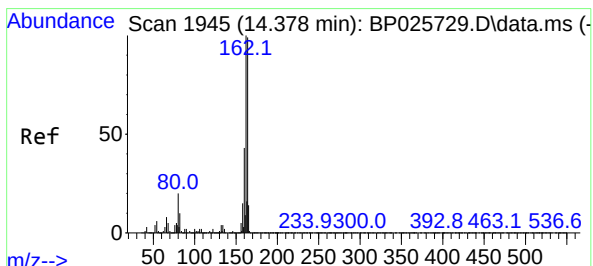
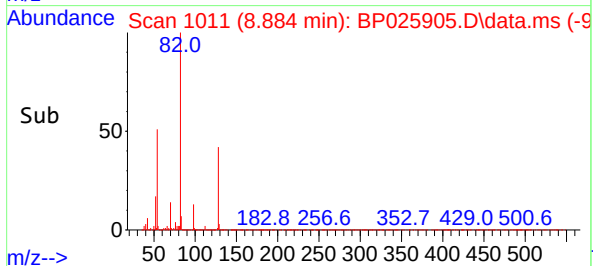
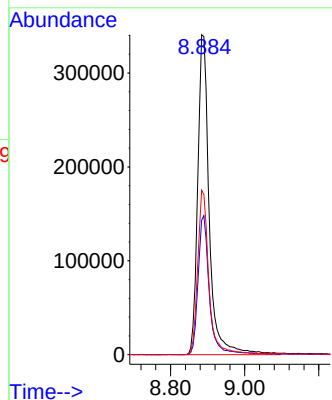
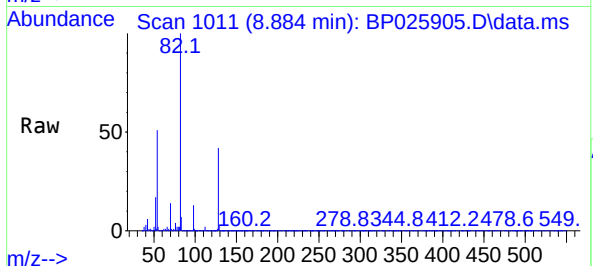
Tgt Ion: 82 Resp: 737270

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

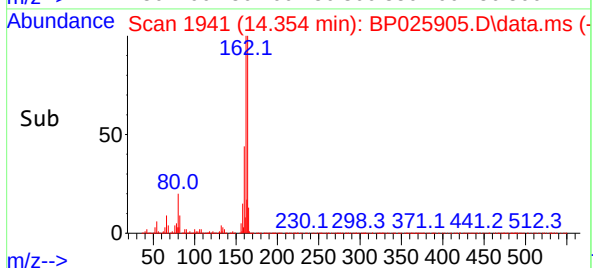
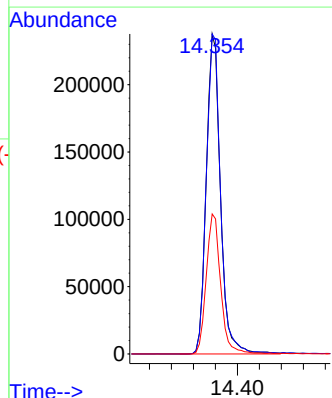
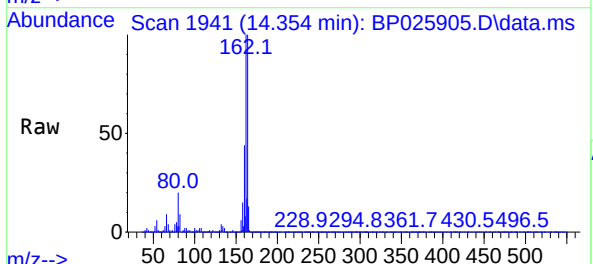
Tgt Ion: 164 Resp: 425108

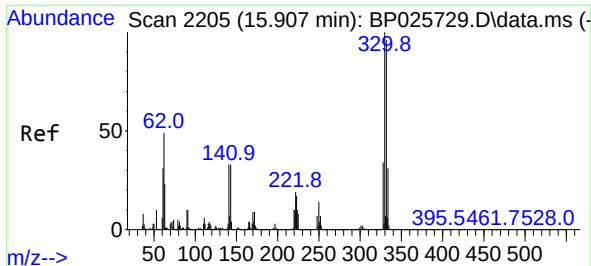
Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

160 43.8 35.0 52.6

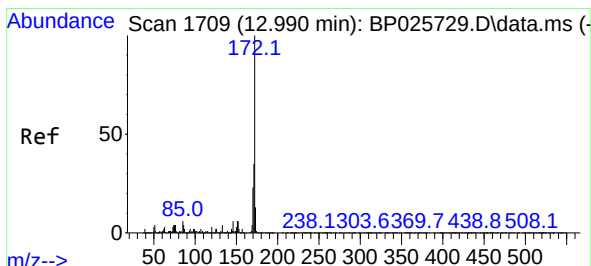
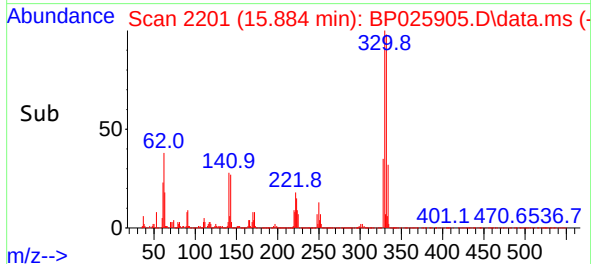
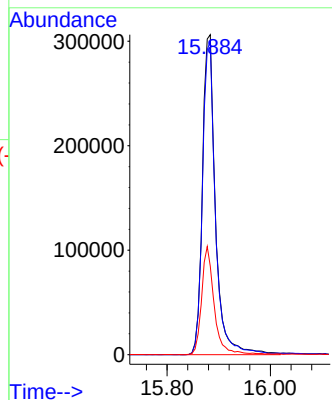
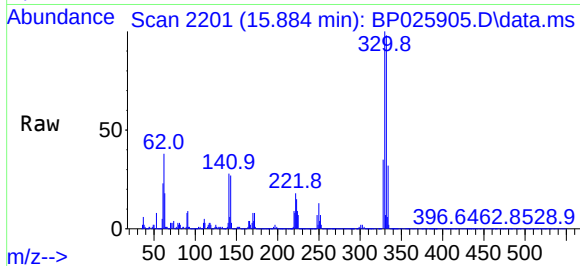




#42
2,4,6-Tribromophenol
Concen: 101.410 ng
RT: 15.884 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

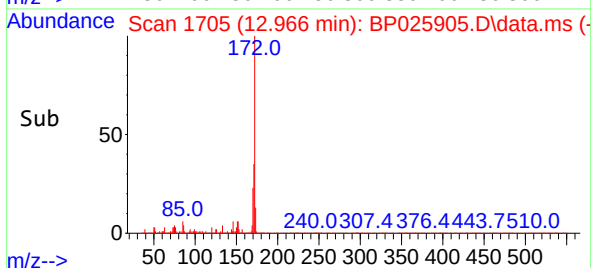
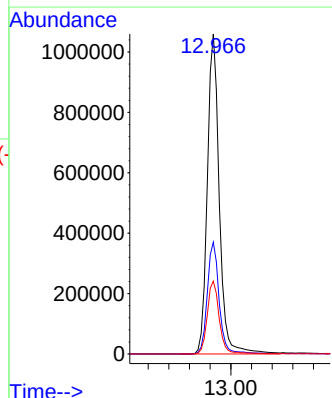
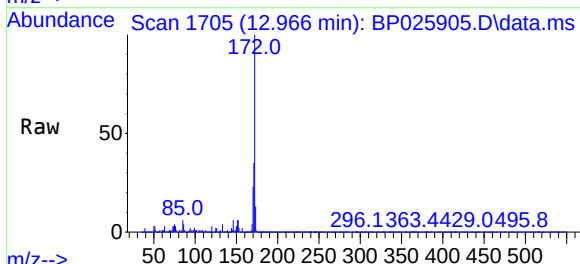
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1-WC

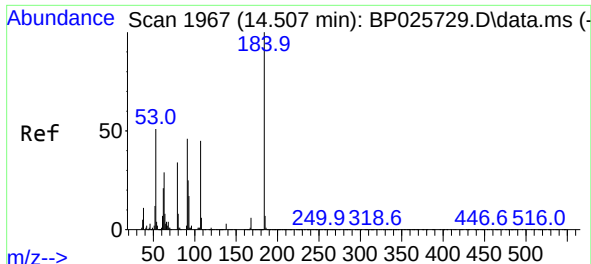
Tgt Ion:330 Resp: 537715
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 32.7 31.0 46.4



#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

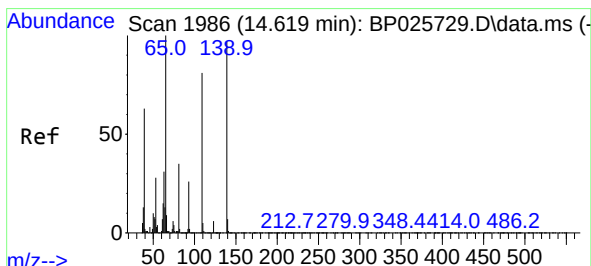
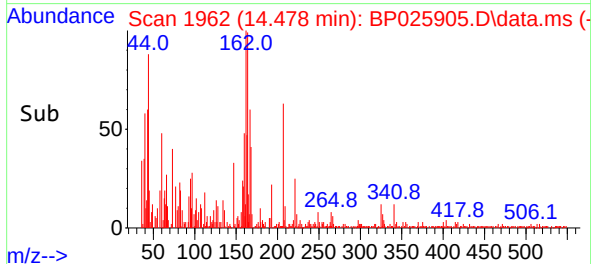
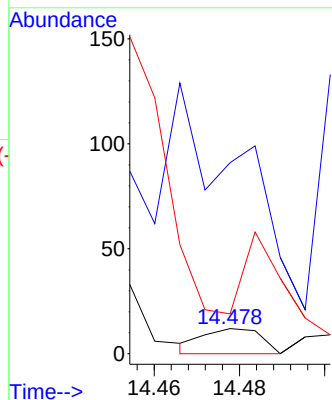
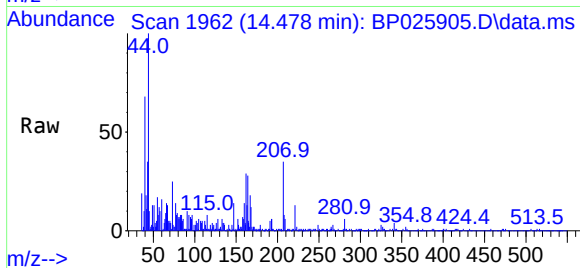




#54
2,4-Dinitrophenol
Concen: 4.827 ng
RT: 14.478 min Scan# 1955
Delta R.T. -0.029 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

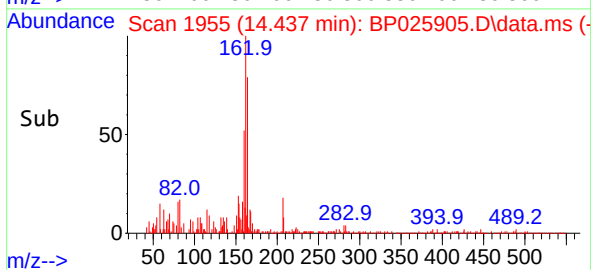
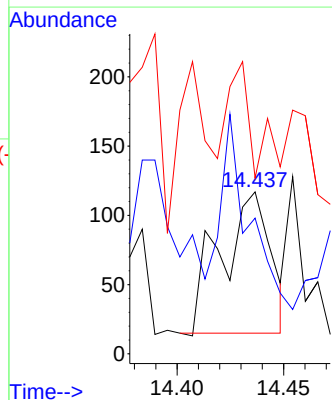
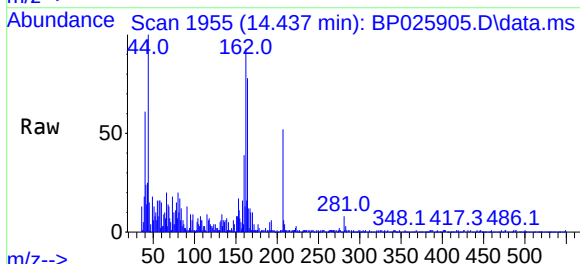
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1-WC

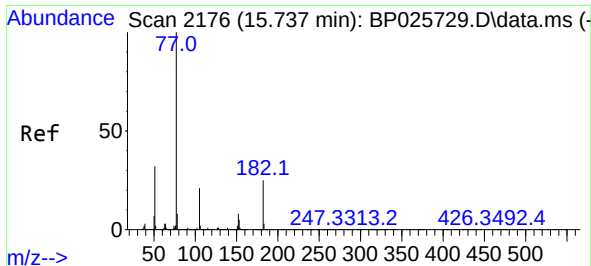
Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 758.3 52.5 78.7#
154 158.3 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.507 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.182 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

Tgt Ion:139 Resp: 165
Ion Ratio Lower Upper
139 100
109 83.8 62.9 102.9
65 108.5 83.4 123.4

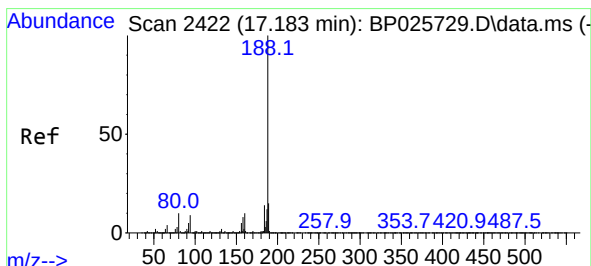
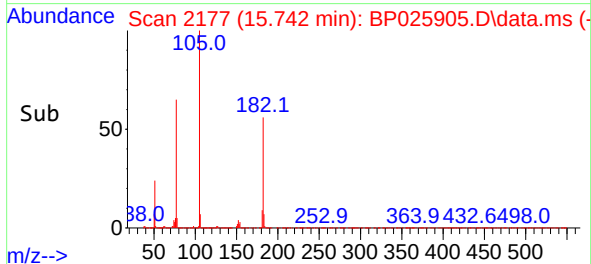
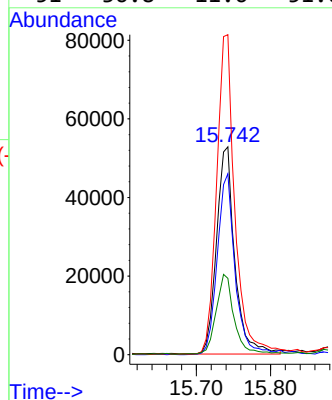
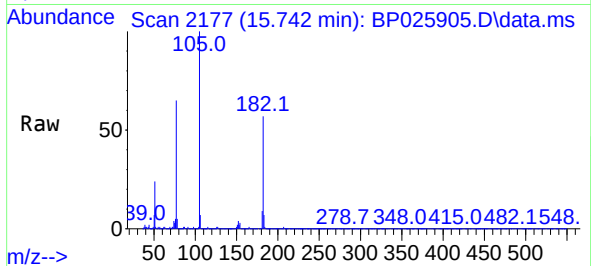




#63
Azobenzene
Concen: 2.852 ng
RT: 15.742 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

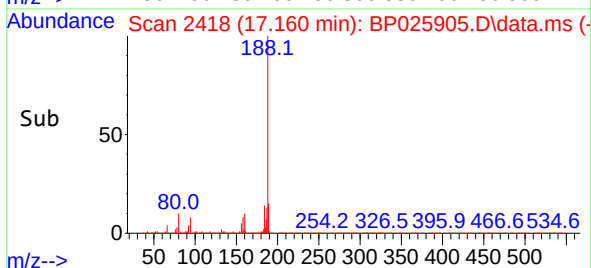
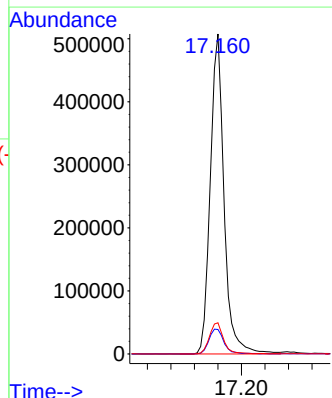
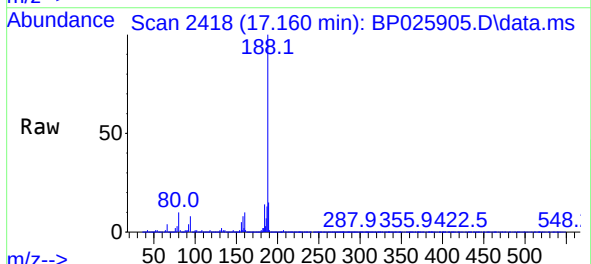
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1-WC

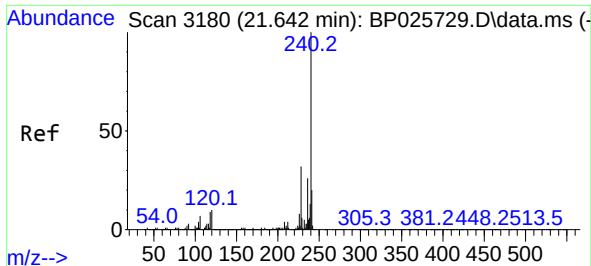
Tgt Ion: 77 Resp: 90799
Ion Ratio Lower Upper
77 100
182 87.0 5.2 45.2#
105 154.0 1.1 41.1#
51 36.8 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2418
Delta R.T. -0.024 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

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

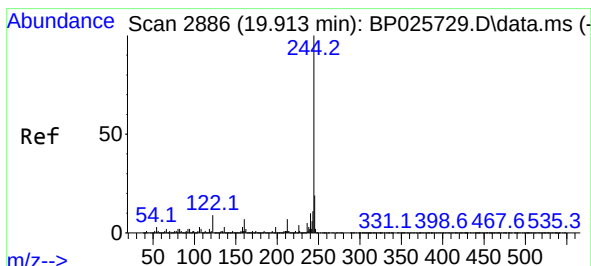
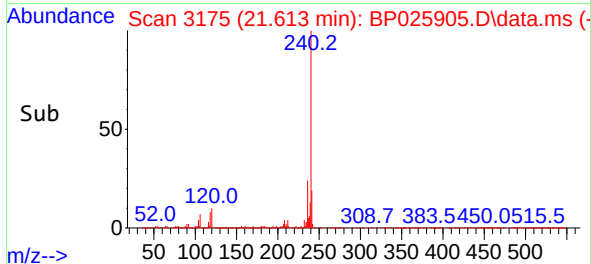
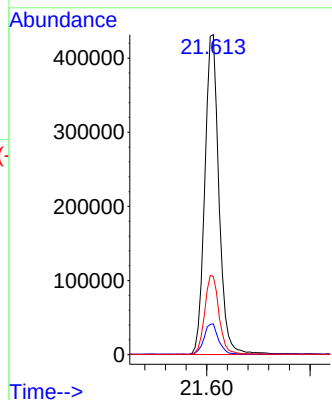
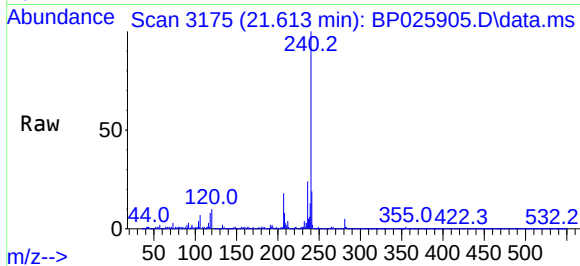




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP025905.D
Acq: 01 Oct 2025 17:52

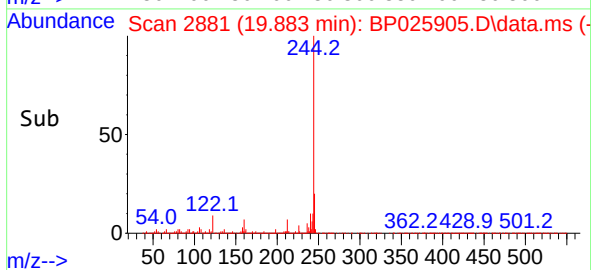
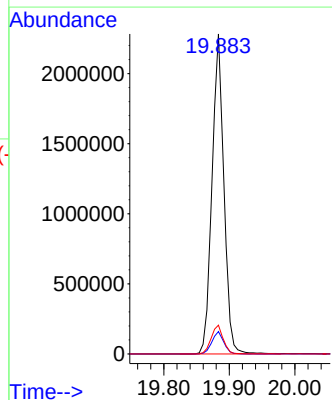
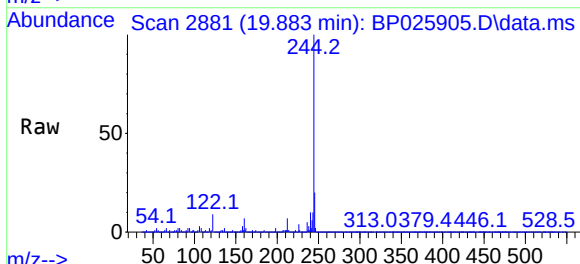
Instrument :
BNA_P
ClientSampleId :
CONCRETE-1-WC

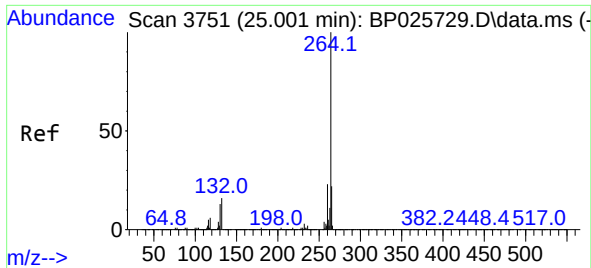
Tgt Ion:240 Resp: 819683
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 24.5 20.7 31.1



#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

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# 31
 Delta R.T. -0.047 min
 Lab File: BP025905.D
 Acq: 01 Oct 2025 17:52

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-1-WC

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

