Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
Data File : BP025658.D
Acq On : 04 Sep 2025 13:25
Operator : CG/JU
Sample : Q2893-08
Misc : LOQ-WATER 2.5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2025

Quant Time: Sep 04 14:00:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	141643	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	562036	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	385876	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	815254	20.000	ng	0.00
76) Chrysene-d12	21.642	240	944141	20.000	ng	0.00
86) Perylene-d12	25.024	264	1039290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1032835	121.095	ng	-0.02
7) Phenol-d6	6.955	99	1286391	117.639	ng	-0.01
23) Nitrobenzene-d5	8.913	82	797014	71.734	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	683703	131.635	ng	0.00
45) 2-Fluorobiphenyl	12.996	172	1864452	66.035	ng	-0.02
79) Terphenyl-d14	19.925	244	3369998	65.304	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.561	70	15588	2.152	ng	# 92

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

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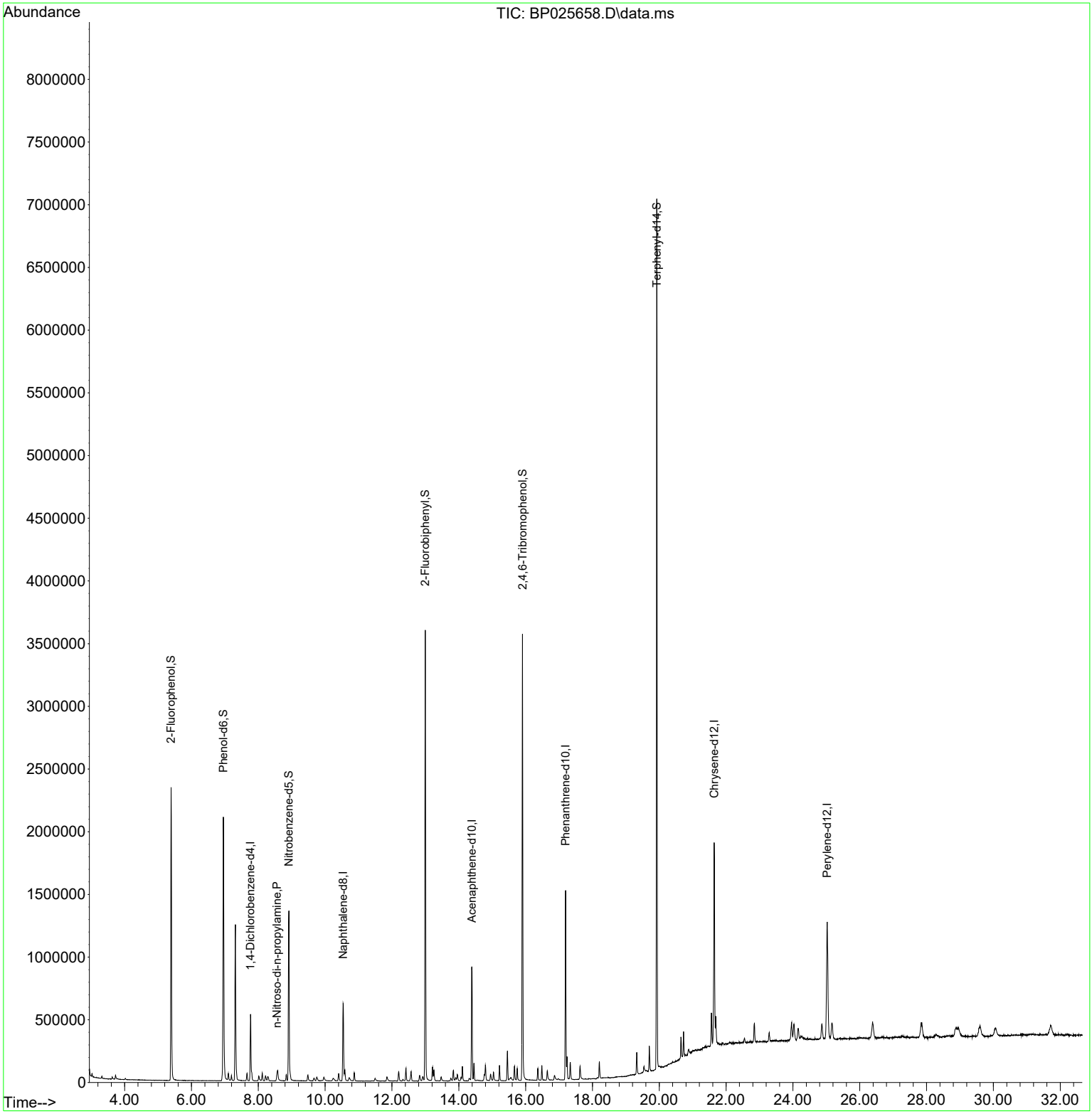
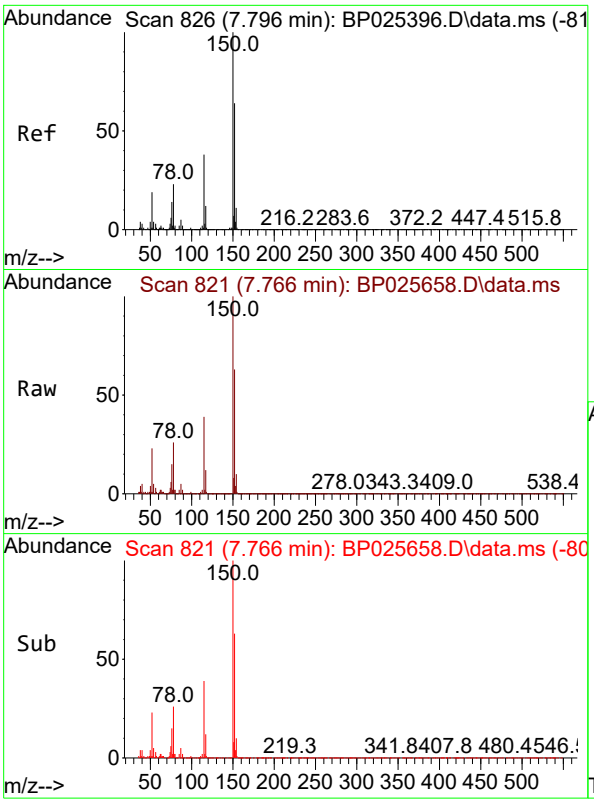


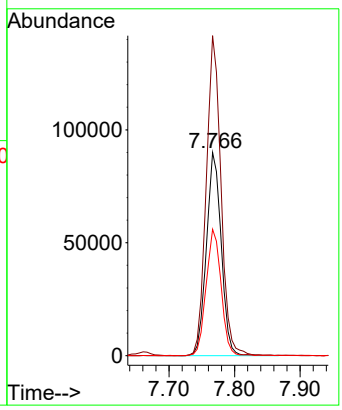


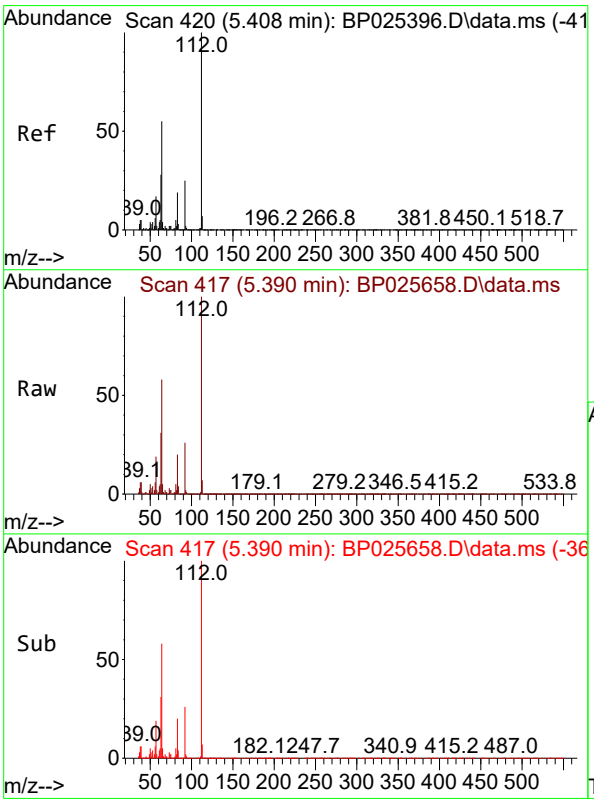
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 8
Delta R.T. -0.030 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion:152 Resp: 141643

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.9	188.9
115	62.2	48.5	72.7

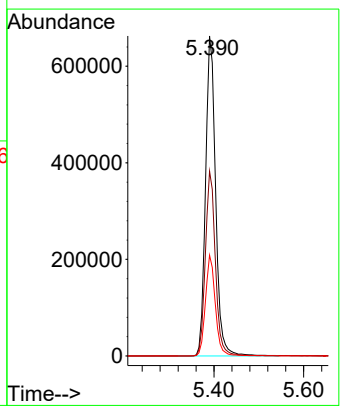


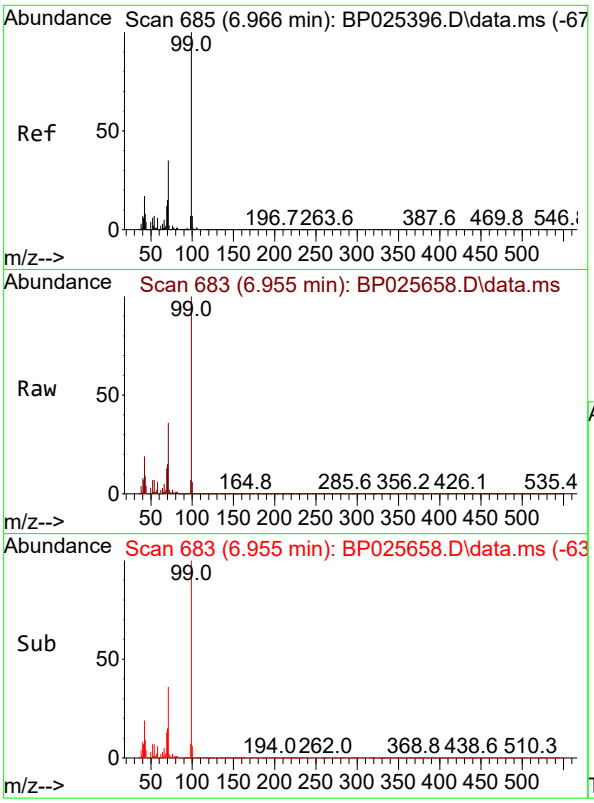


#5
2-Fluorophenol
Concen: 121.095 ng
RT: 5.390 min Scan# 417
Delta R.T. -0.017 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Tgt Ion:112 Resp: 1032835

Ion	Ratio	Lower	Upper
112	100		
64	57.7	43.8	65.8
63	31.5	22.7	34.1



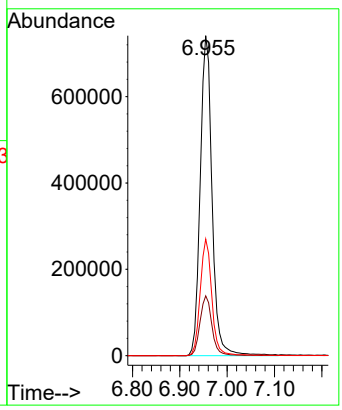


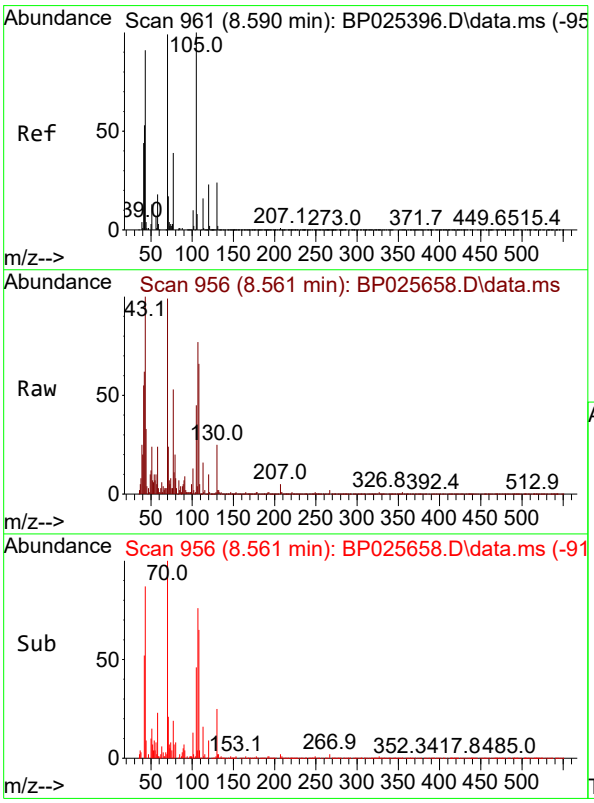
#7
Phenol-d6
Concen: 117.639 ng
RT: 6.955 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion: 99 Resp: 1286391

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.7	20.5
71	36.5	28.2	42.4

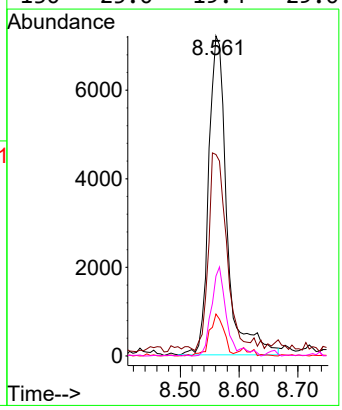


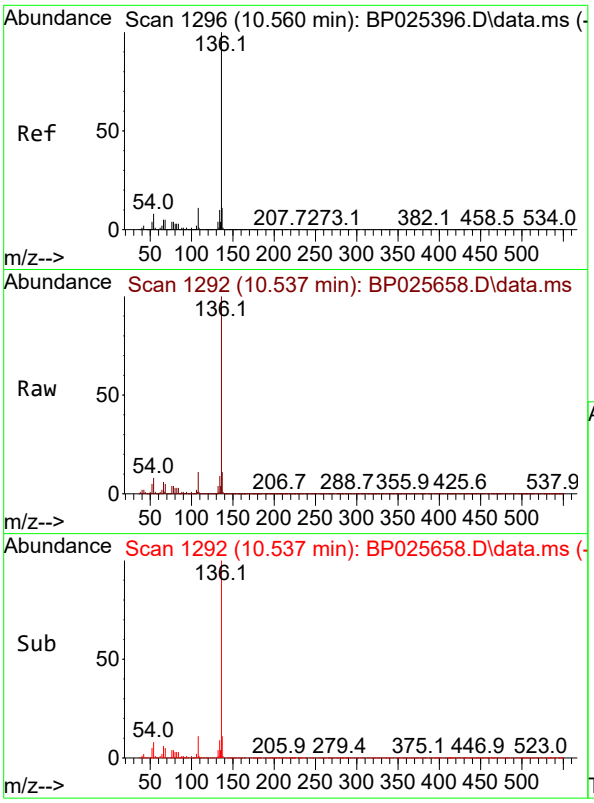


#19
n-Nitroso-di-n-propylamine
Concen: 2.152 ng
RT: 8.561 min Scan# 956
Delta R.T. -0.029 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Tgt Ion: 70 Resp: 15588

Ion	Ratio	Lower	Upper
70	100		
42	62.9	43.8	65.6
101	13.1	8.5	12.7#
130	25.0	19.4	29.0



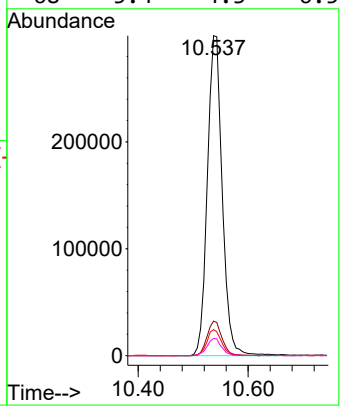


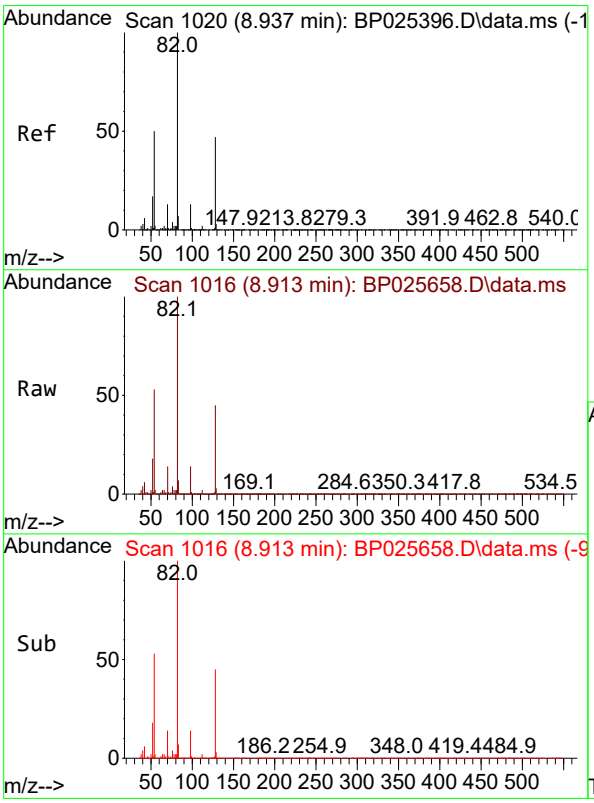
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion:136 Resp: 562036

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.1	6.0	9.0
68	5.4	4.3	6.5

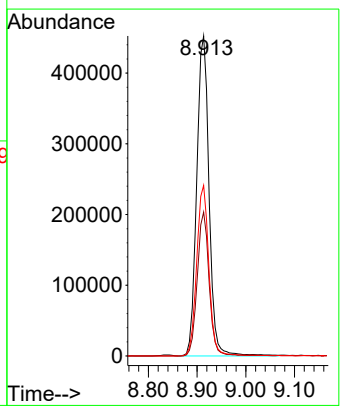


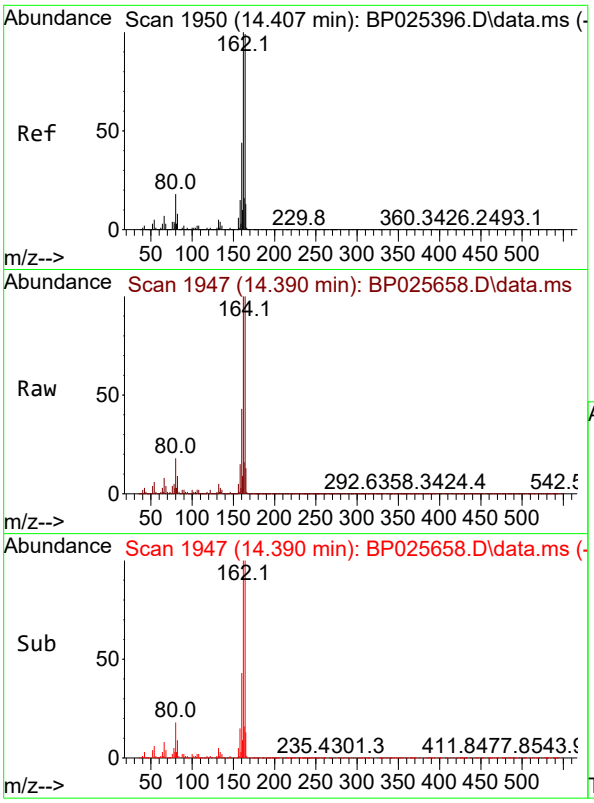


#23
Nitrobenzene-d5
Concen: 71.734 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Tgt Ion: 82 Resp: 797014

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.7	56.5
54	53.3	39.8	59.6



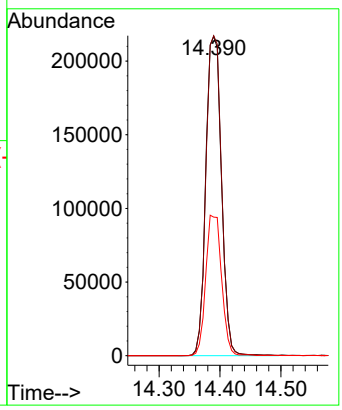


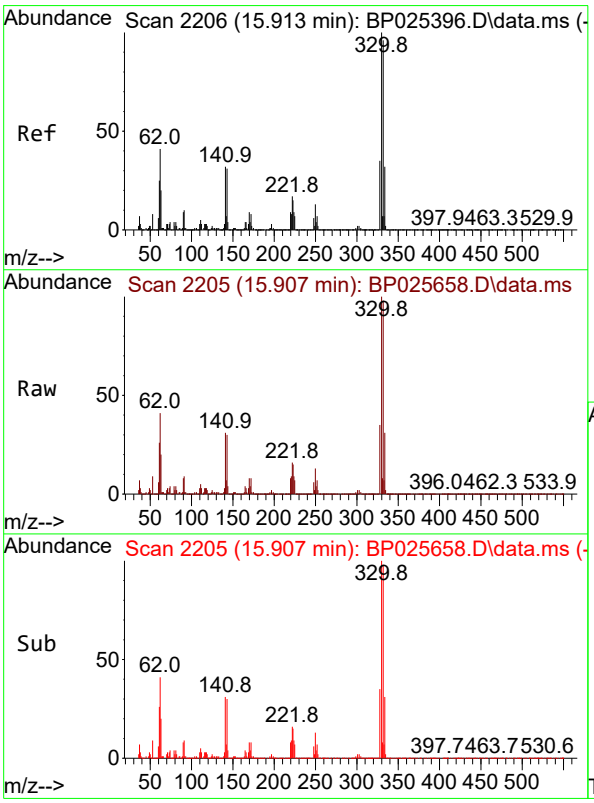
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion:164 Resp: 385876

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.0	121.6
160	43.4	35.4	53.2

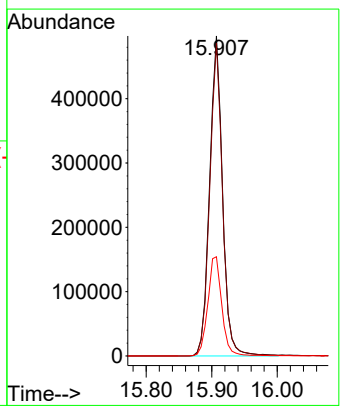


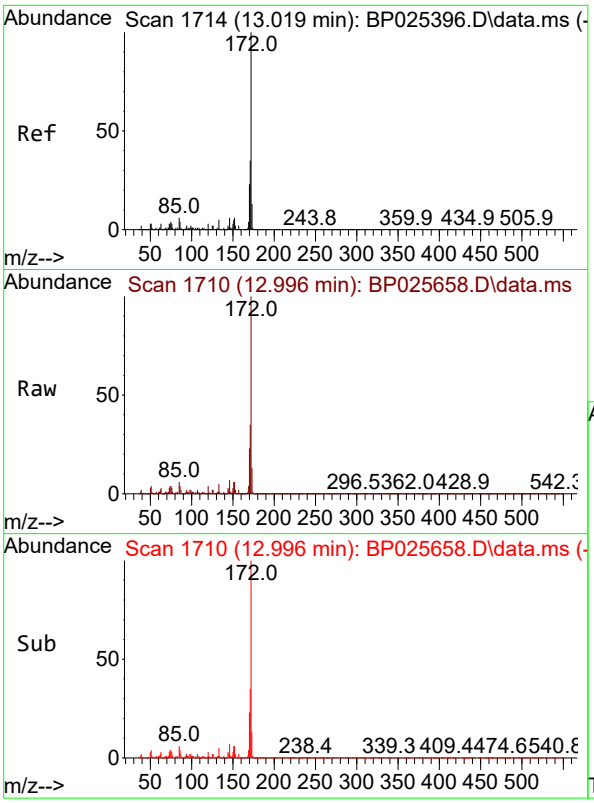


#42
2,4,6-Tribromophenol
Concen: 131.635 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Tgt Ion:330 Resp: 683703

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	33.6	26.6	39.8



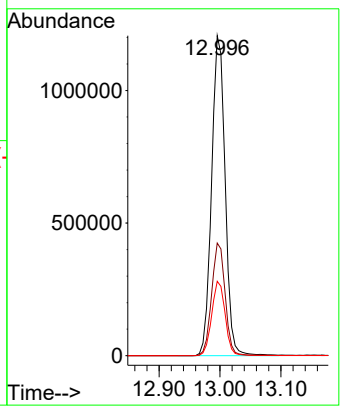


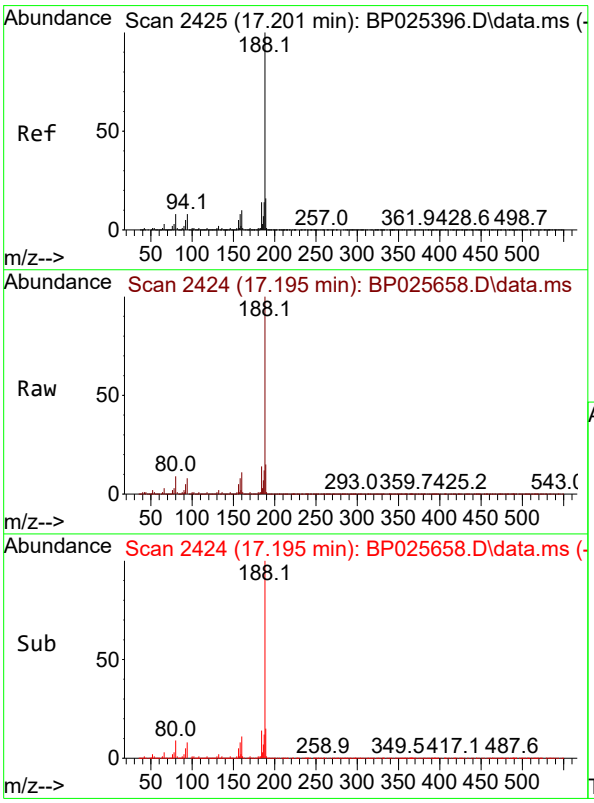
#45
2-Fluorobiphenyl
Concen: 66.035 ng
RT: 12.996 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion:172 Resp: 1864452

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.3	18.6	28.0

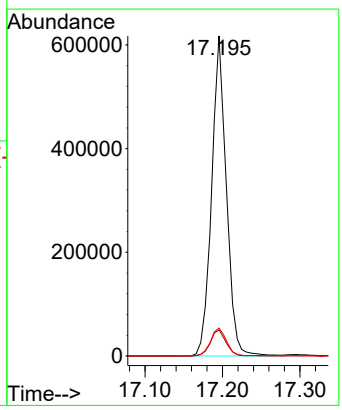


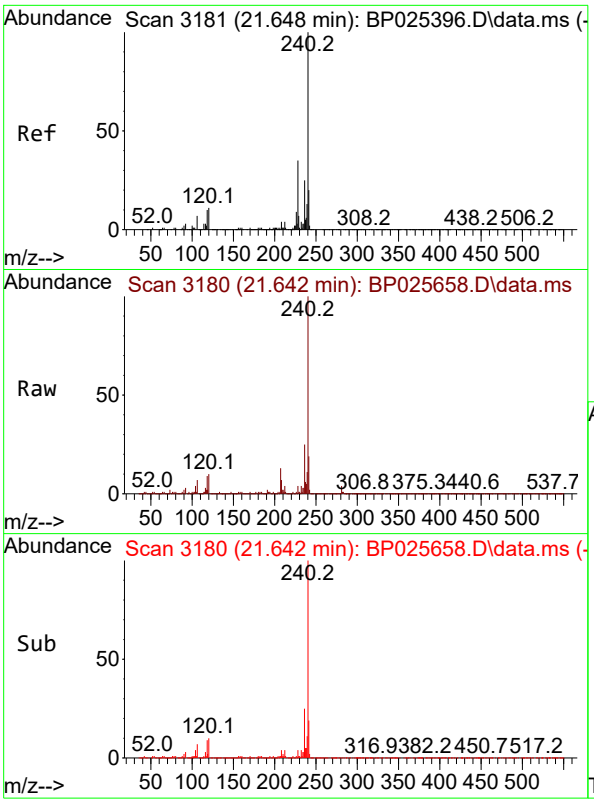


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Tgt Ion:188 Resp: 815254

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.6	10.0
80	8.7	6.7	10.1



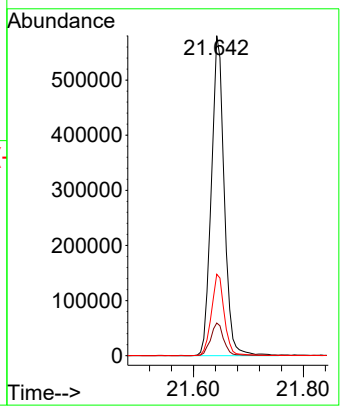


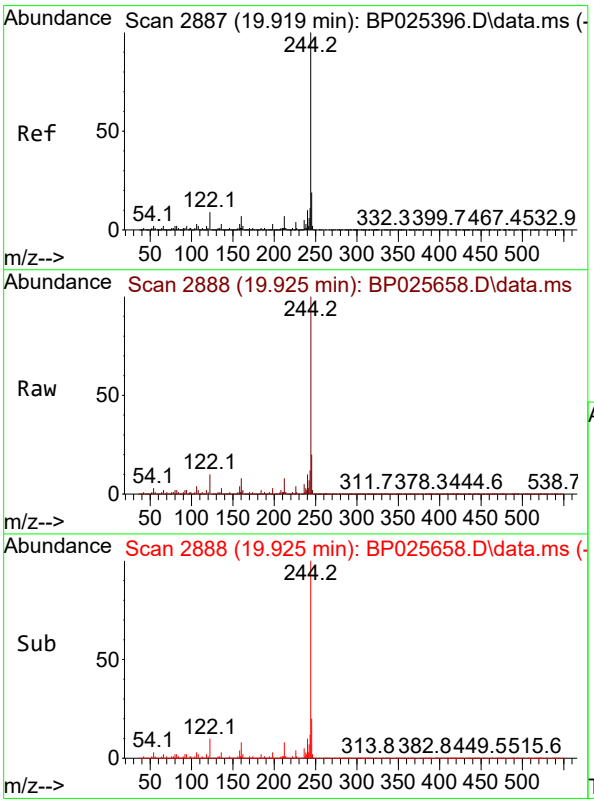
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion:240 Resp: 944141

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.5	19.8	29.8

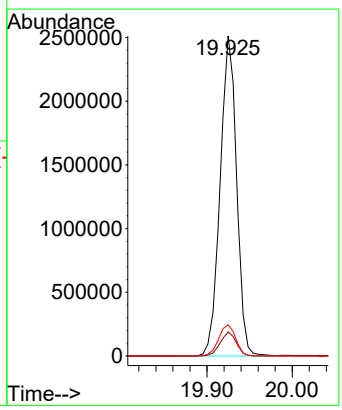


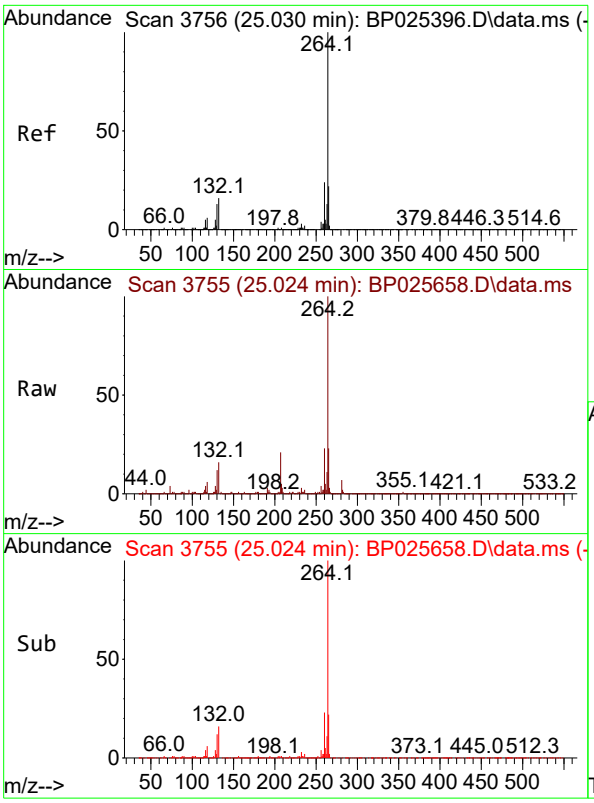


#79
Terphenyl-d14
Concen: 65.304 ng
RT: 19.925 min Scan# 2888
Delta R.T. 0.006 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Tgt Ion:244 Resp: 3369998

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.8	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025658.D
Acq: 04 Sep 2025 13:25

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion:264 Resp: 1039290

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	22.7	17.4	26.0