Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025417.D
Acq On : 15 Aug 2025 07:10
Operator : CG/JU
Sample : Q2820-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
88H-N

Quant Time: Aug 15 08:11:57 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	7.790	152	145484	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	574927	20.000	ng	0.00
39) Acenaphthene-d10	14.396	164	395366	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	834728	20.000	ng	0.00
76) Chrysene-d12	21.636	240	934352	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1037254	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	710279	81.078	ng	0.00
7) Phenol-d6	6.967	99	921738	82.067	ng	0.00
23) Nitrobenzene-d5	8.931	82	589747	51.889	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	466885	87.733	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1401970	48.463	ng	0.00
79) Terphenyl-d14	19.913	244	2440276	47.783	ng	0.00
Target Compounds						Qvalue

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

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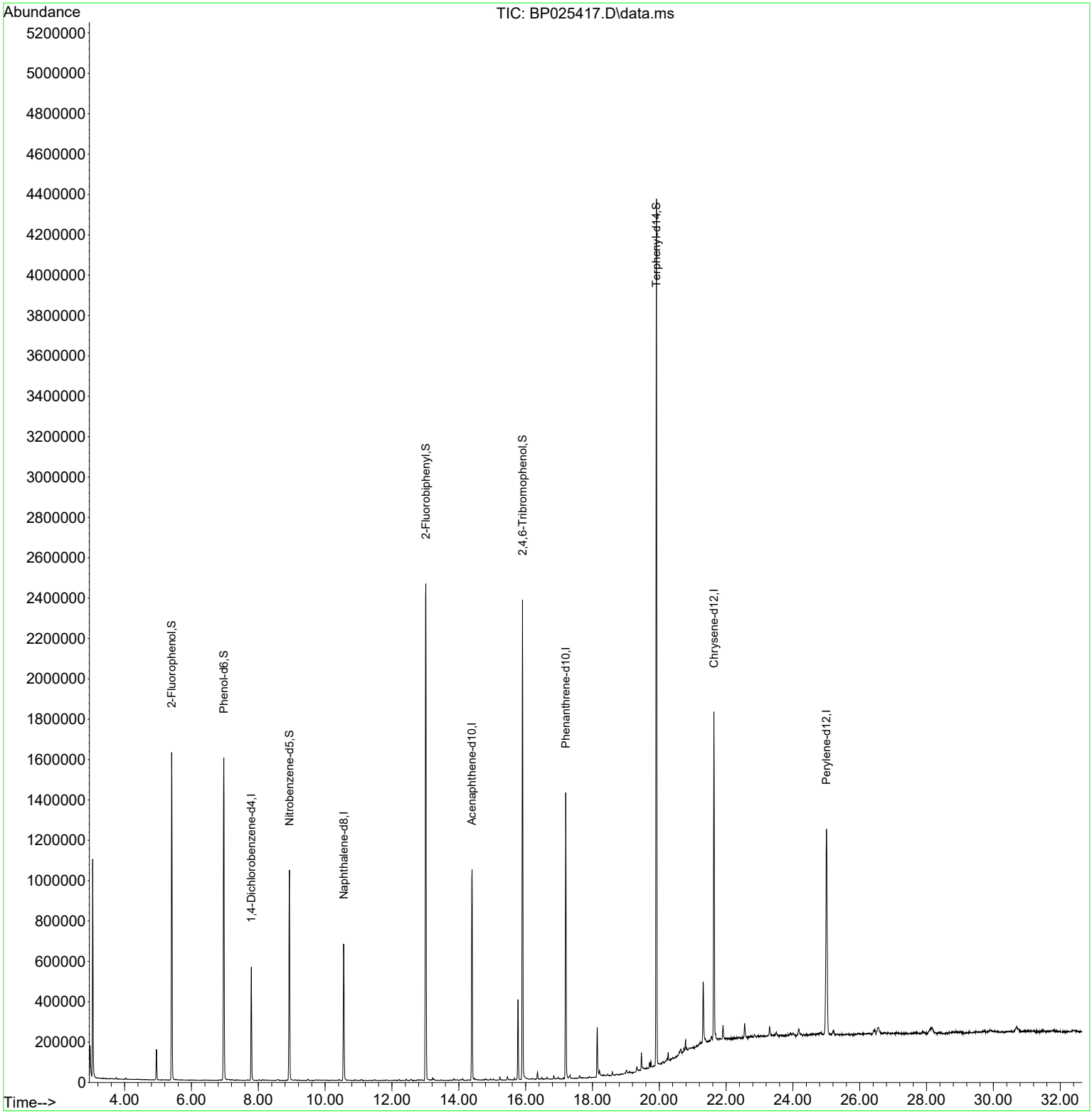
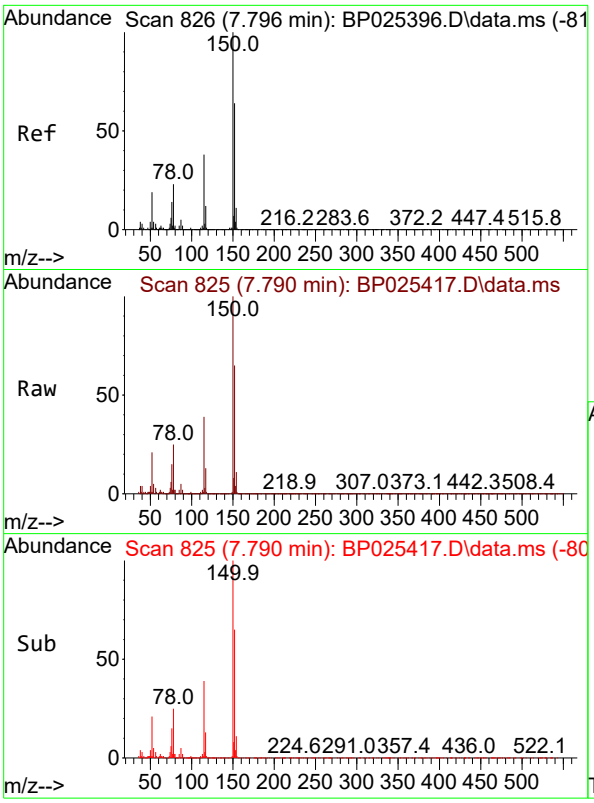


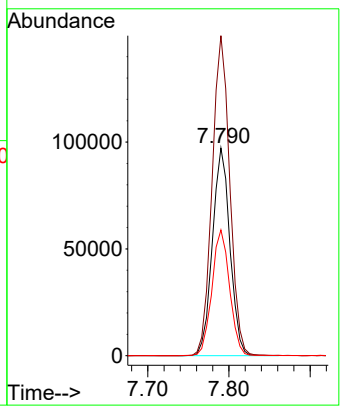


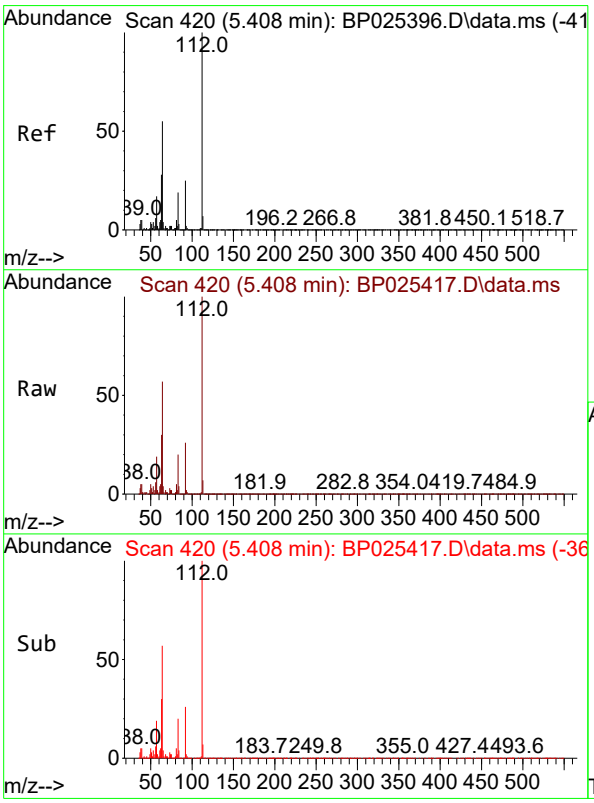
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Instrument :
BNA_P
ClientSampleId :
88H-N

Tgt Ion:152 Resp: 145484

Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.9	188.9
115	60.5	48.5	72.7

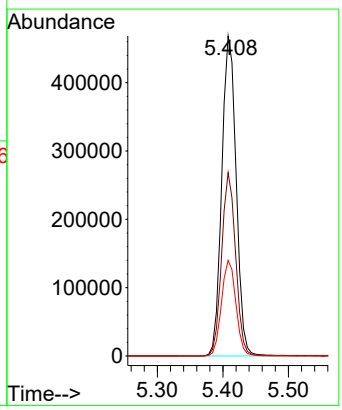


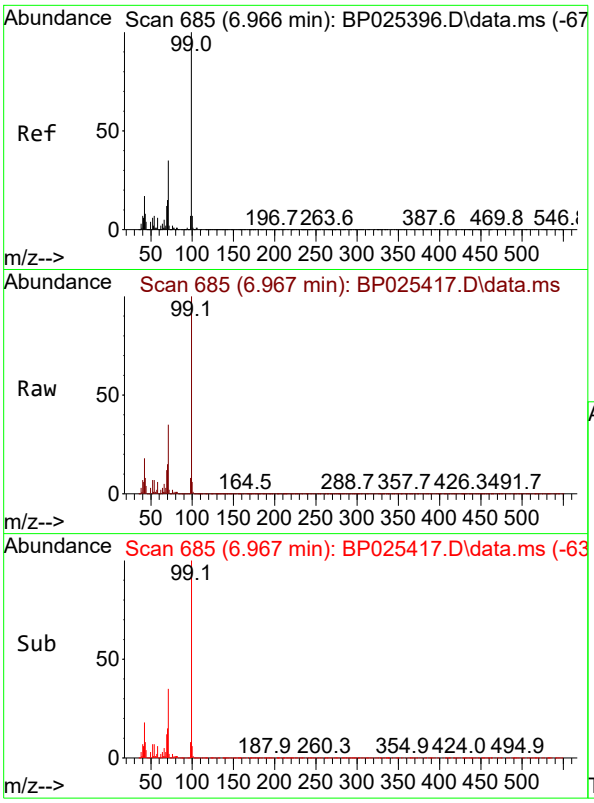


#5
2-Fluorophenol
Concen: 81.078 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Tgt Ion:112 Resp: 710279

Ion	Ratio	Lower	Upper
112	100		
64	57.3	43.8	65.8
63	29.9	22.7	34.1



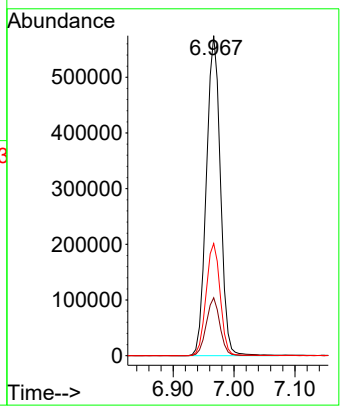


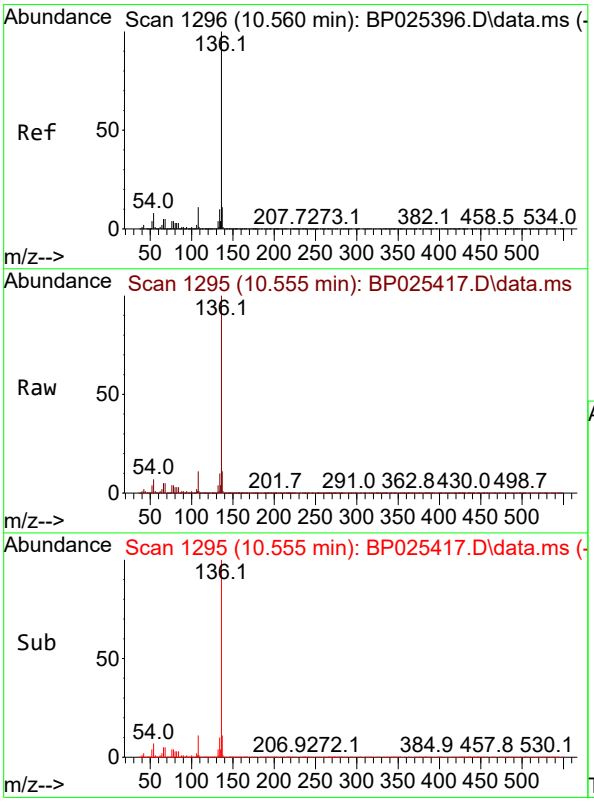
#7
Phenol-d6
Concen: 82.067 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Instrument :
BNA_P
ClientSampleId :
88H-N

Tgt Ion: 99 Resp: 921738

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.7	20.5
71	35.1	28.2	42.4

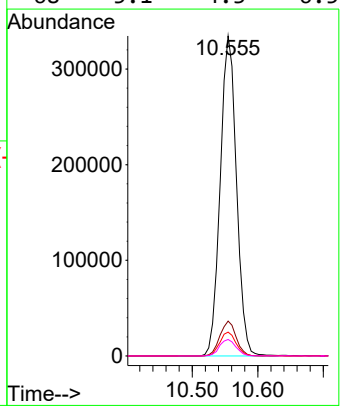


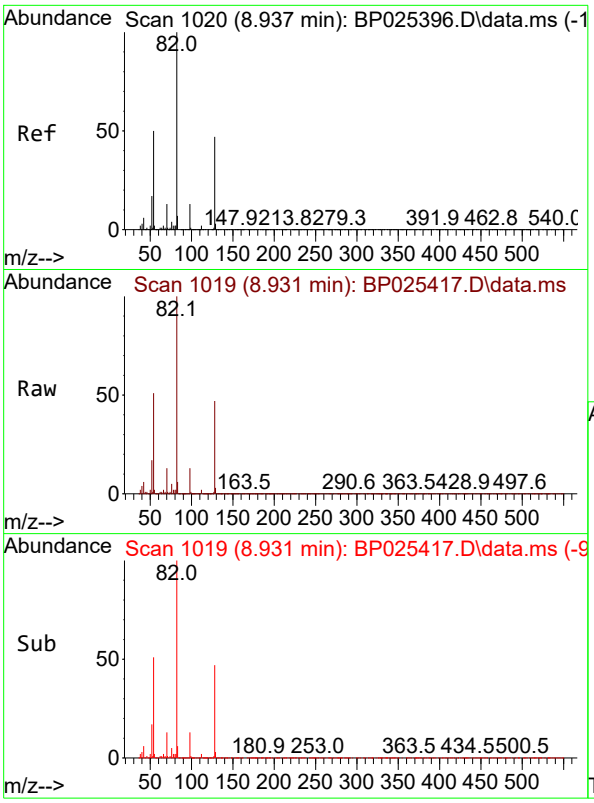


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Tgt Ion:136 Resp: 574927

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.5	6.0	9.0
68	5.1	4.3	6.5



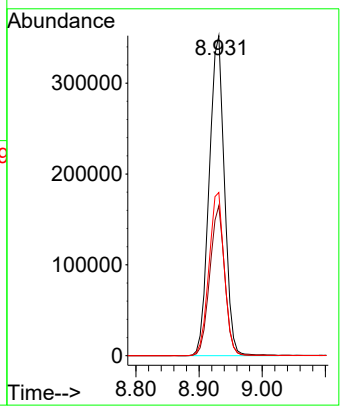


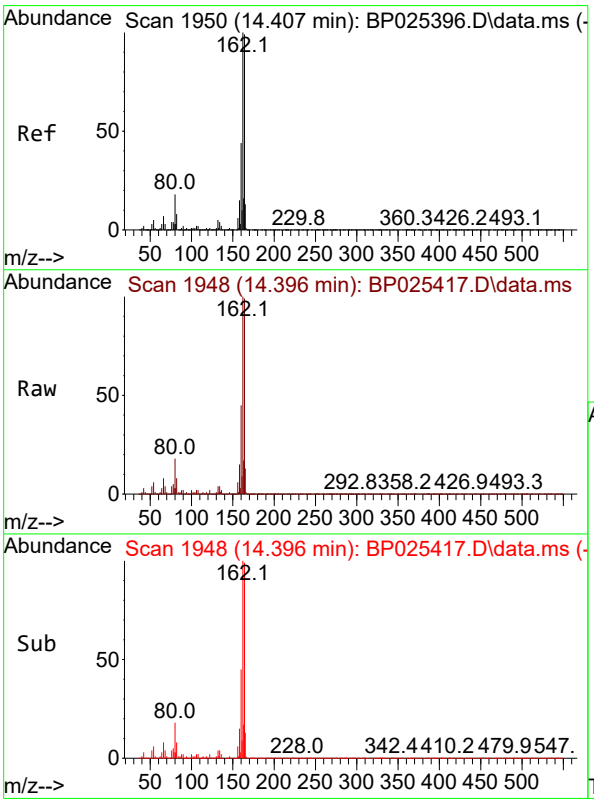
#23
Nitrobenzene-d5
Concen: 51.889 ng
RT: 8.931 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Instrument :
BNA_P
ClientSampleId :
88H-N

Tgt Ion: 82 Resp: 589747

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.7	56.5
54	51.0	39.8	59.6

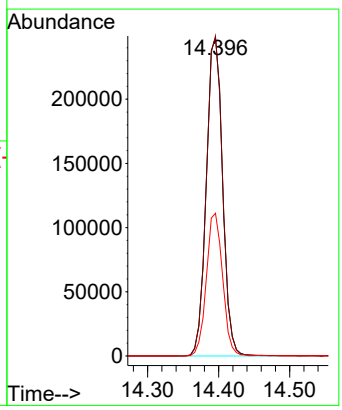


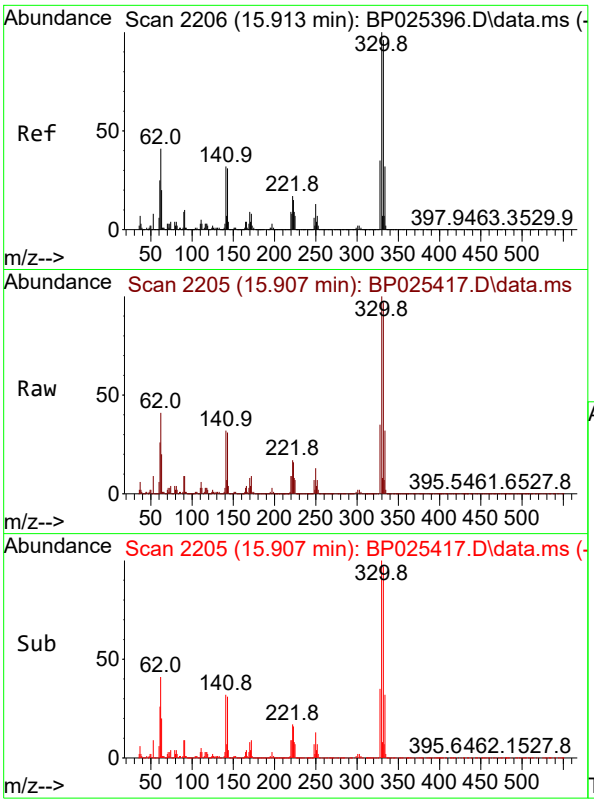


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Tgt Ion:164 Resp: 395366

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.6
160	44.9	35.4	53.2



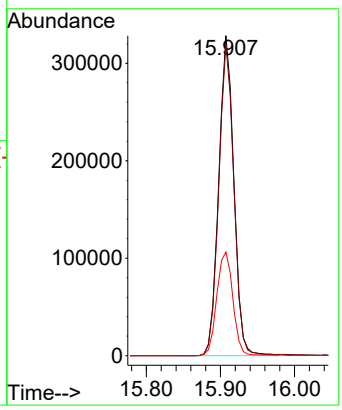


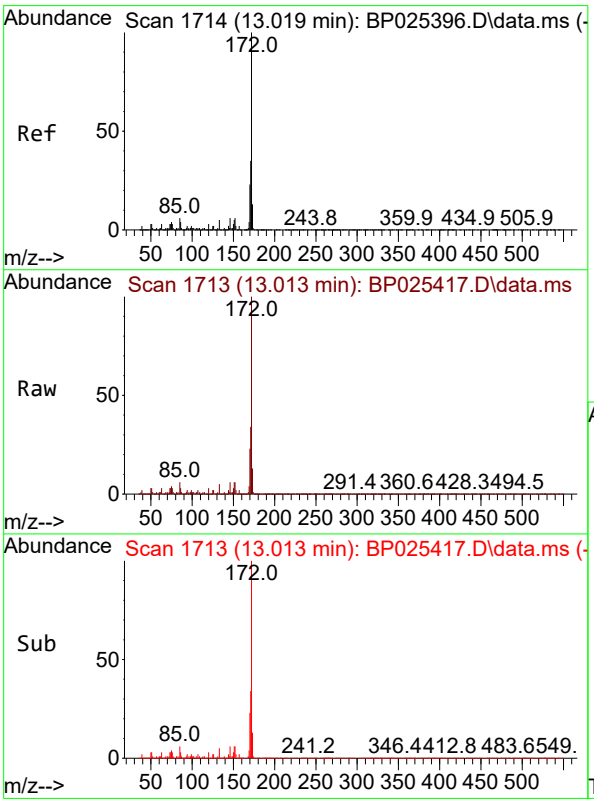
#42
2,4,6-Tribromophenol
Concen: 87.733 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Instrument :
BNA_P
ClientSampleId :
88H-N

Tgt Ion:330 Resp: 466885

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	34.5	26.6	39.8

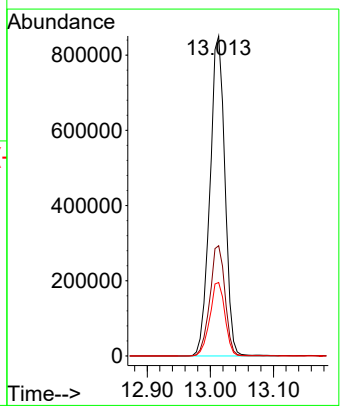


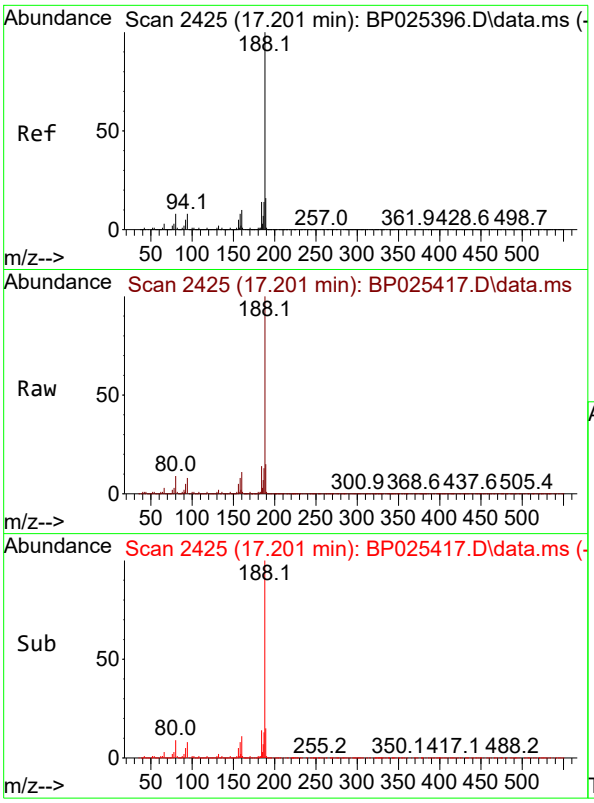


#45
2-Fluorobiphenyl
Concen: 48.463 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Tgt Ion:172 Resp: 1401970

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	23.0	18.6	28.0



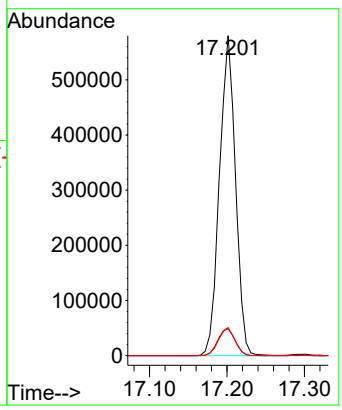


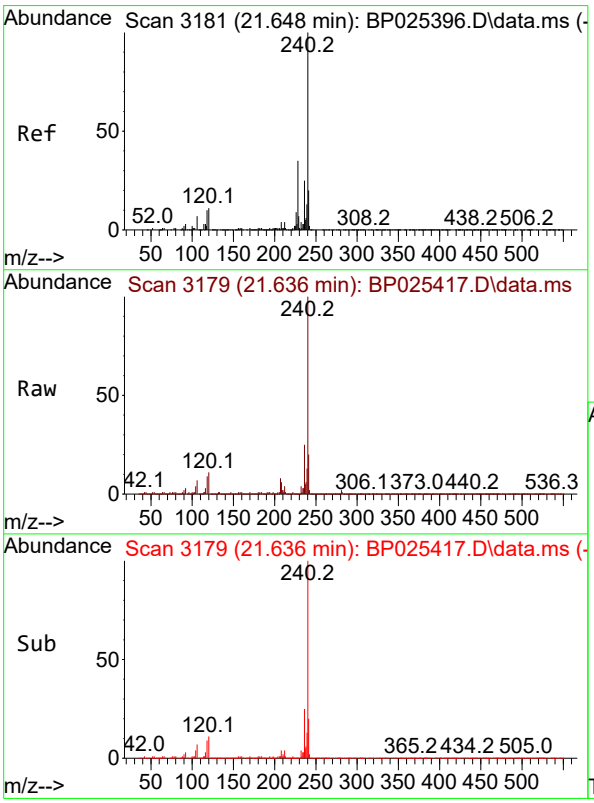
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Instrument :
BNA_P
ClientSampleId :
88H-N

Tgt Ion:188 Resp: 834728

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	8.8	6.7	10.1

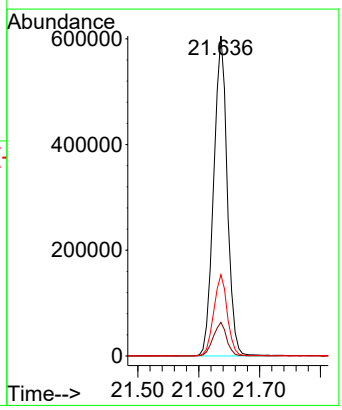


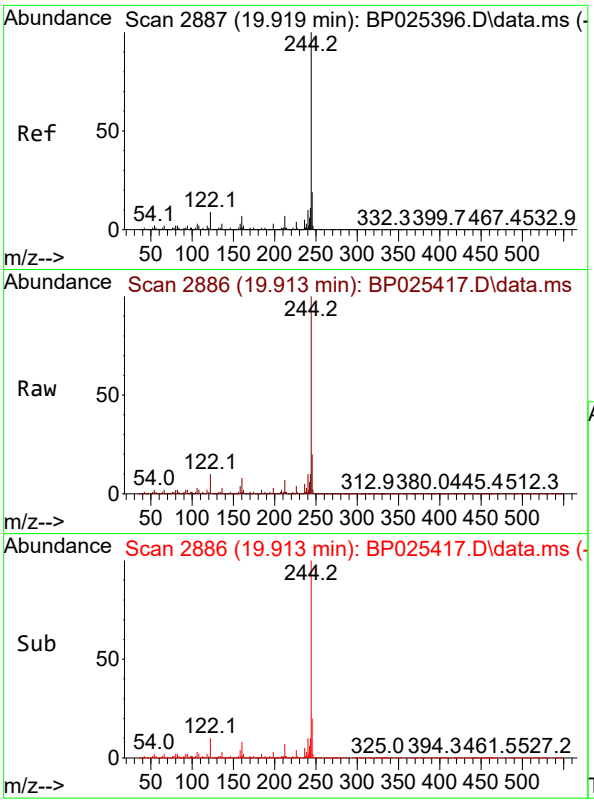


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Tgt Ion:240 Resp: 934352

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.4	19.8	29.8



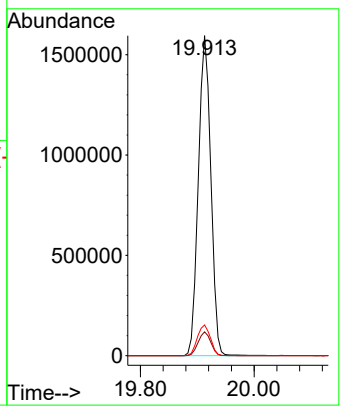


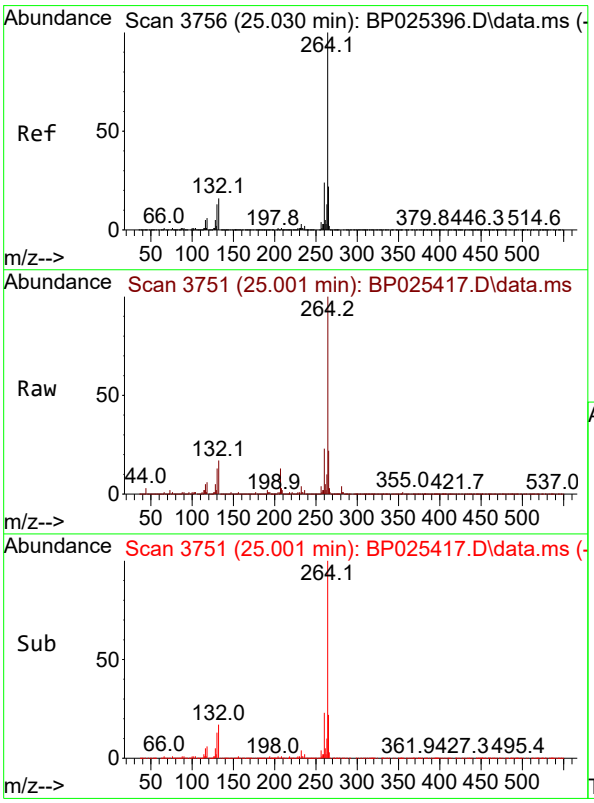
#79
Terphenyl-d14
Concen: 47.783 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Instrument :
BNA_P
ClientSampleId :
88H-N

Tgt Ion:244 Resp: 2440276

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.6	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025417.D
Acq: 15 Aug 2025 07:10

Tgt Ion:264 Resp: 1037254

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	22.1	17.4	26.0