Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025518.D
Acq On : 20 Aug 2025 22:32
Operator : CG/JU
Sample : Q2819-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 21 01:39:17 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	7.784	152	165240	20.000	ng	-0.01
21) Naphthalene-d8	10.555	136	628985	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	393407	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	801033	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	913525	20.000	ng	-0.01
86) Perylene-d12	25.013	264	999794	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	966554	97.141	ng	0.00
7) Phenol-d6	6.966	99	1190628	93.333	ng	0.00
23) Nitrobenzene-d5	8.925	82	812400	65.336	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	518755	97.965	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1594469	55.391	ng	0.00
79) Terphenyl-d14	19.913	244	2569178	51.454	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.778	77	98947	3.948	ng	# 1

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

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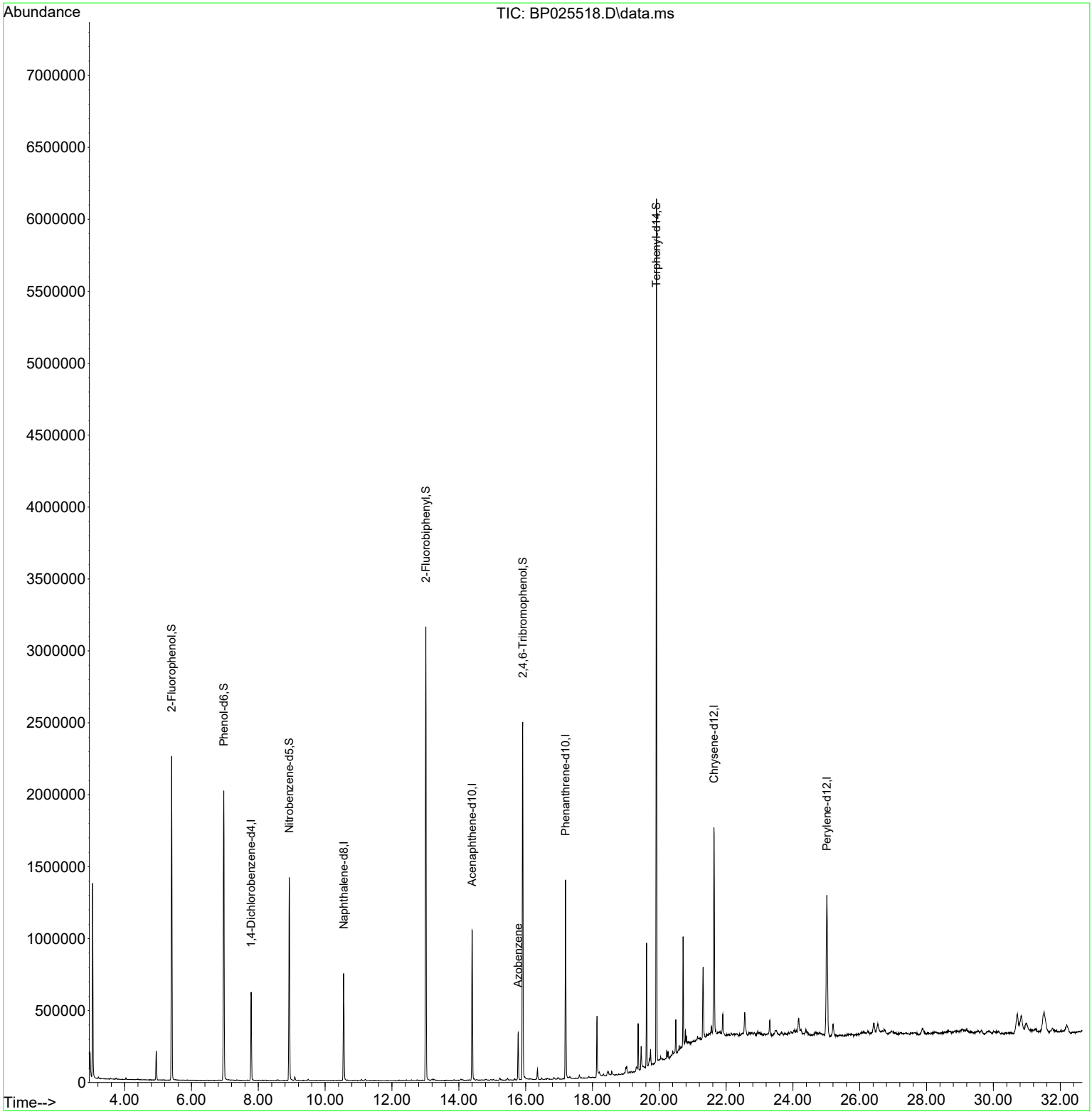
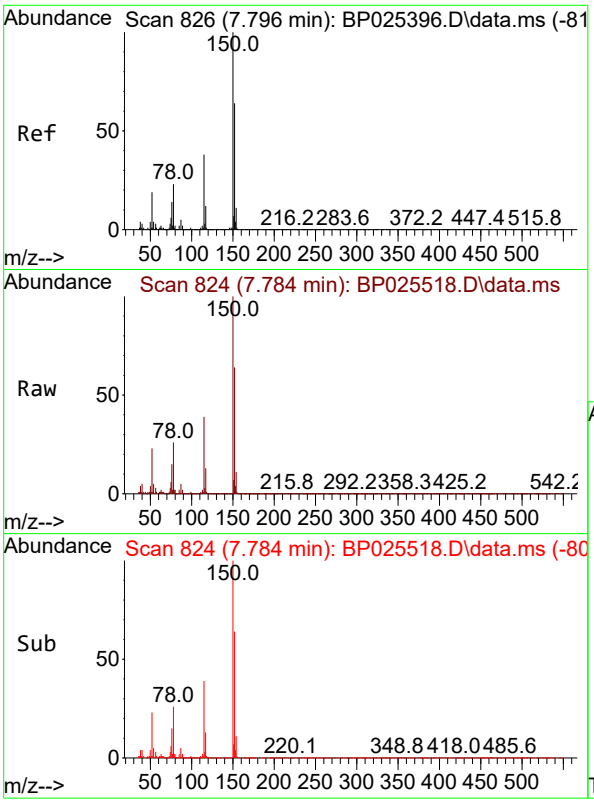


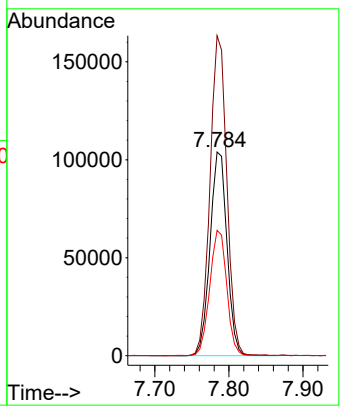


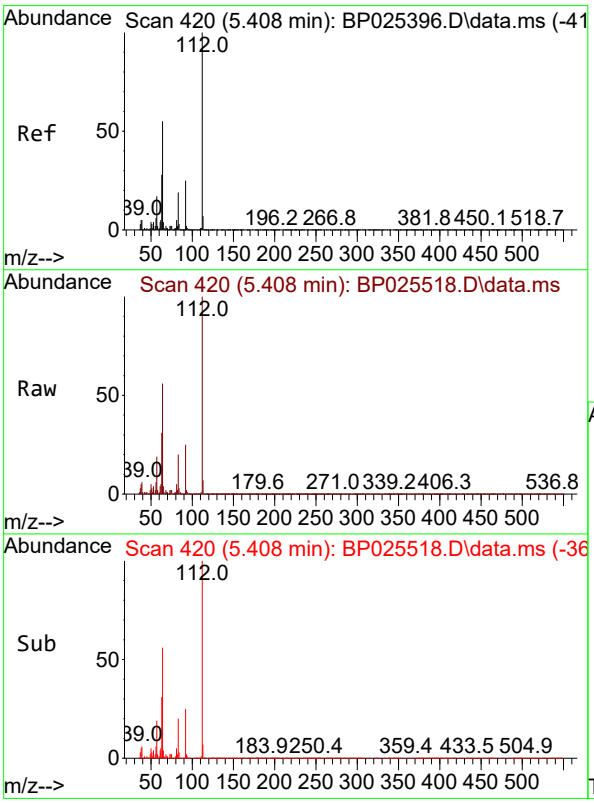
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 165240

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.9	188.9
115	61.5	48.5	72.7

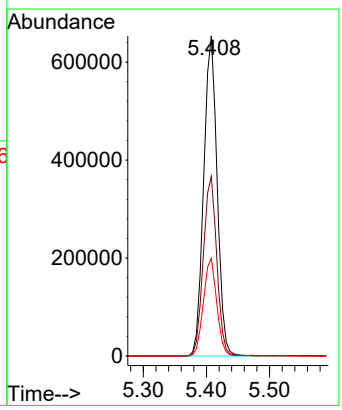


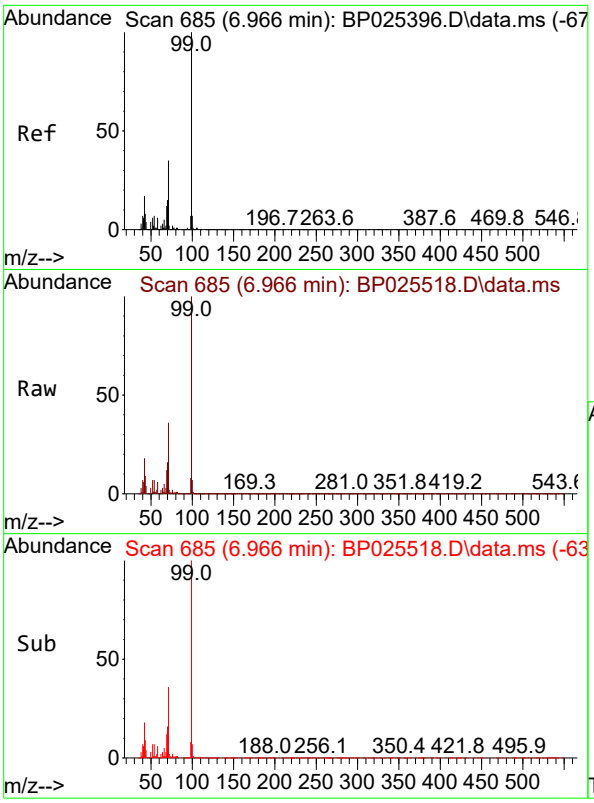


#5
2-Fluorophenol
Concen: 97.141 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion:112 Resp: 966554

Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.8	65.8
63	30.5	22.7	34.1



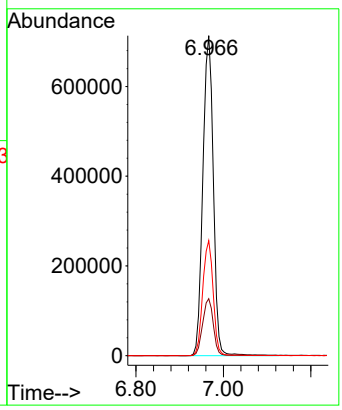


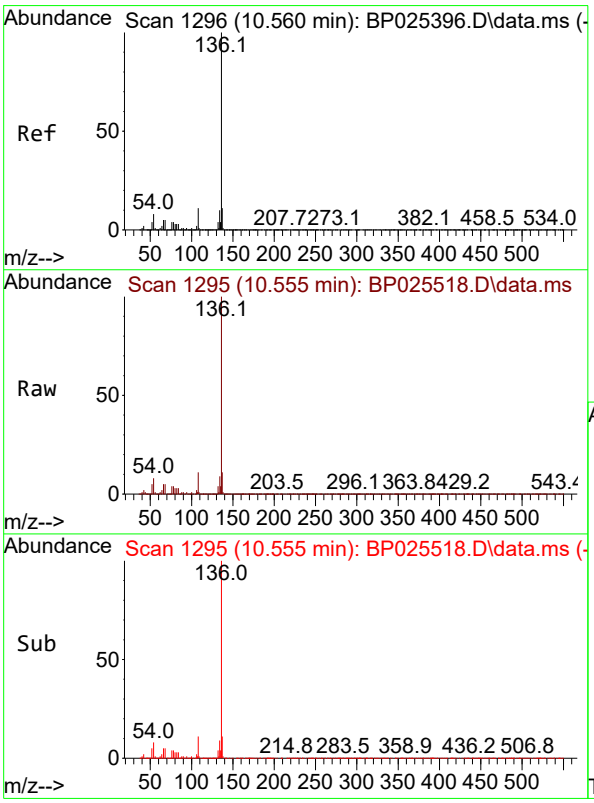
#7
Phenol-d6
Concen: 93.333 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1190628

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	35.9	28.2	42.4

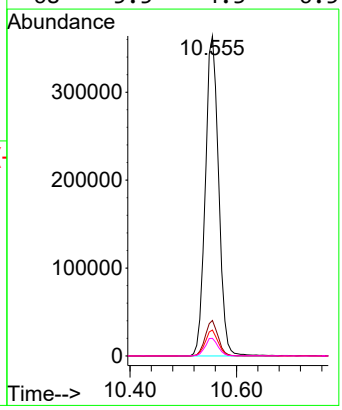


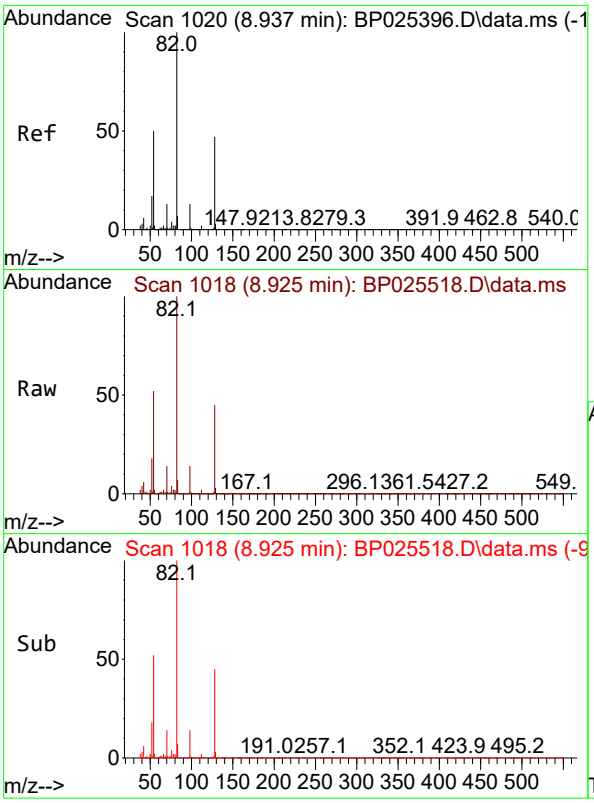


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion:136 Resp: 628985

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.1	6.0	9.0
68	5.5	4.3	6.5



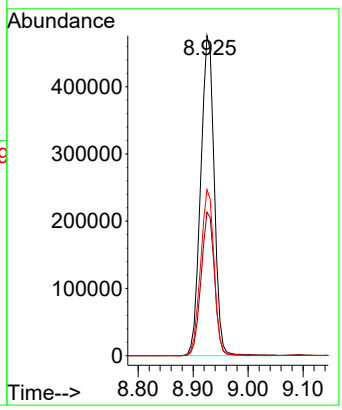


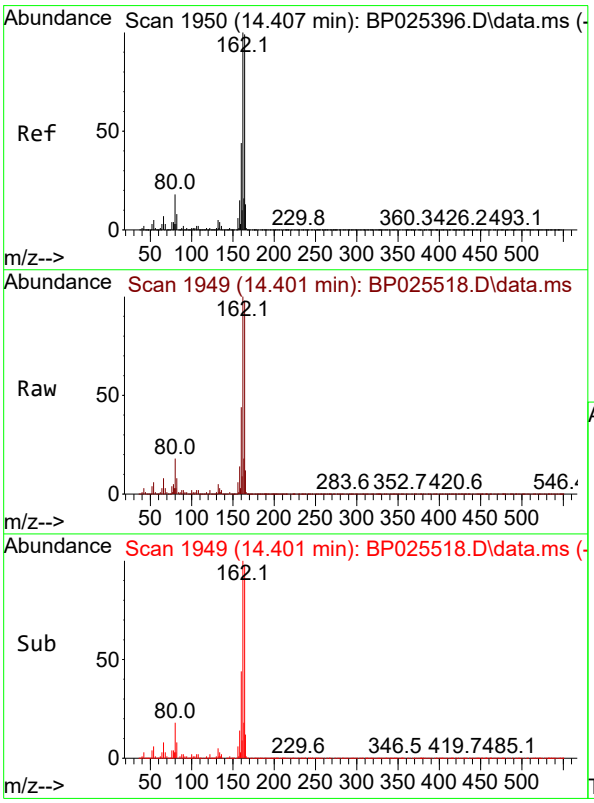
#23
Nitrobenzene-d5
Concen: 65.336 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 812400

Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.7	56.5
54	51.9	39.8	59.6

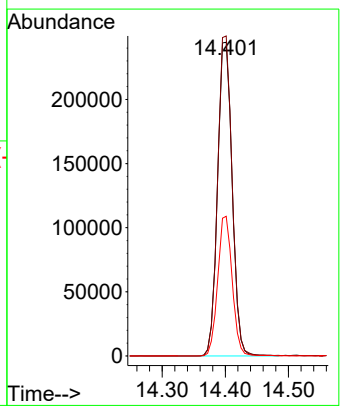


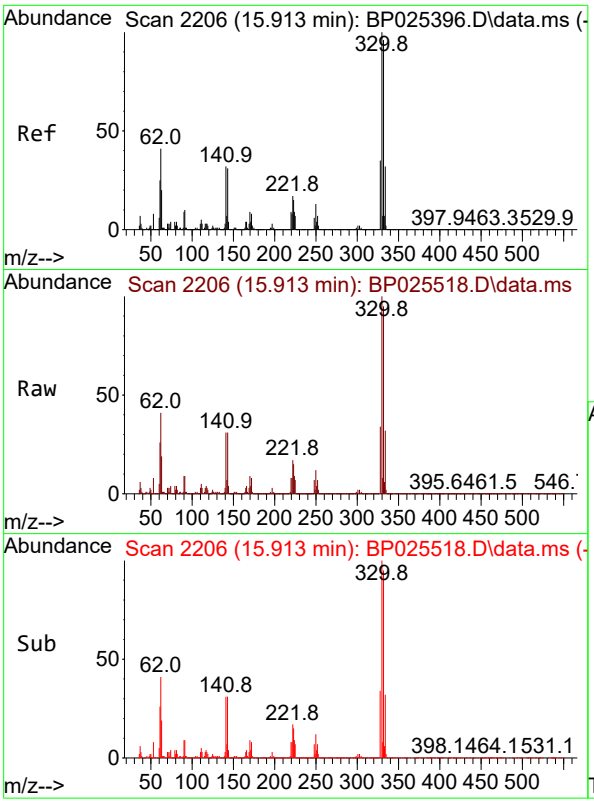


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion:164 Resp: 393407

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.0	121.6
160	44.5	35.4	53.2



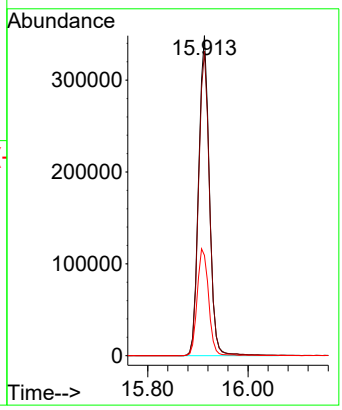


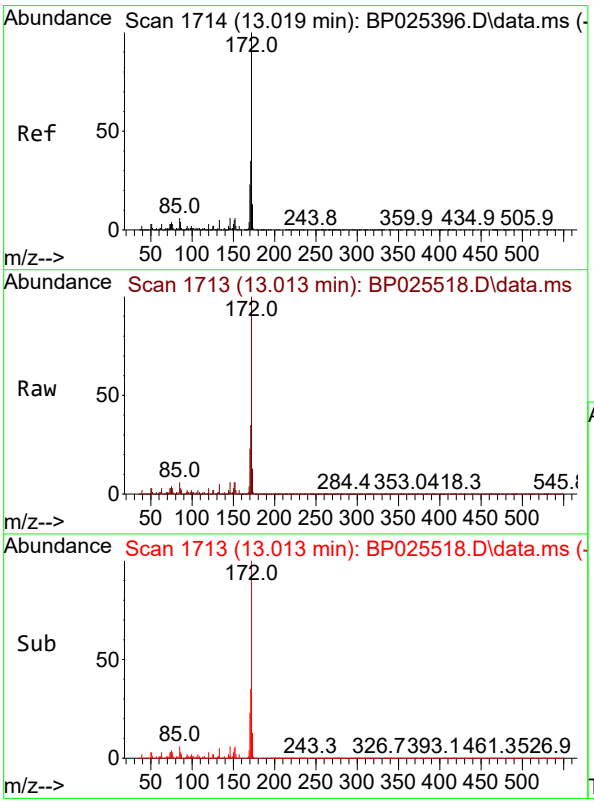
#42
2,4,6-Tribromophenol
Concen: 97.965 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 518755

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	35.2	26.6	39.8

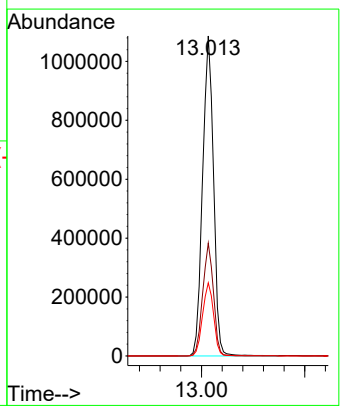


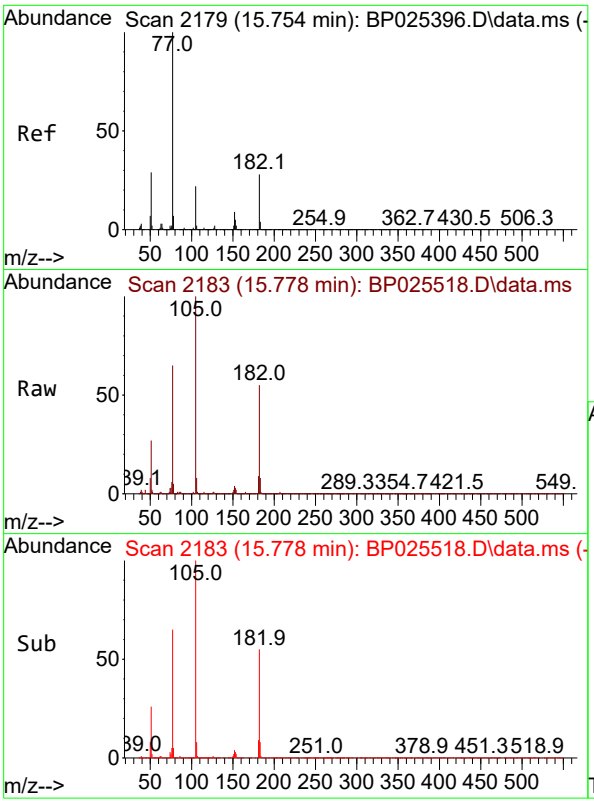


#45
2-Fluorobiphenyl
Concen: 55.391 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion:172 Resp: 1594469

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	22.8	18.6	28.0



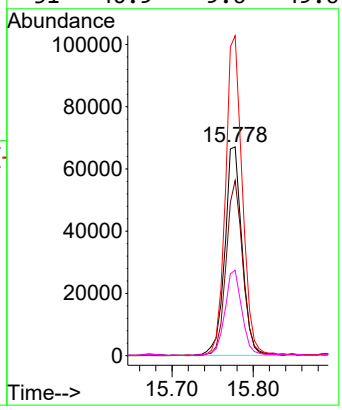


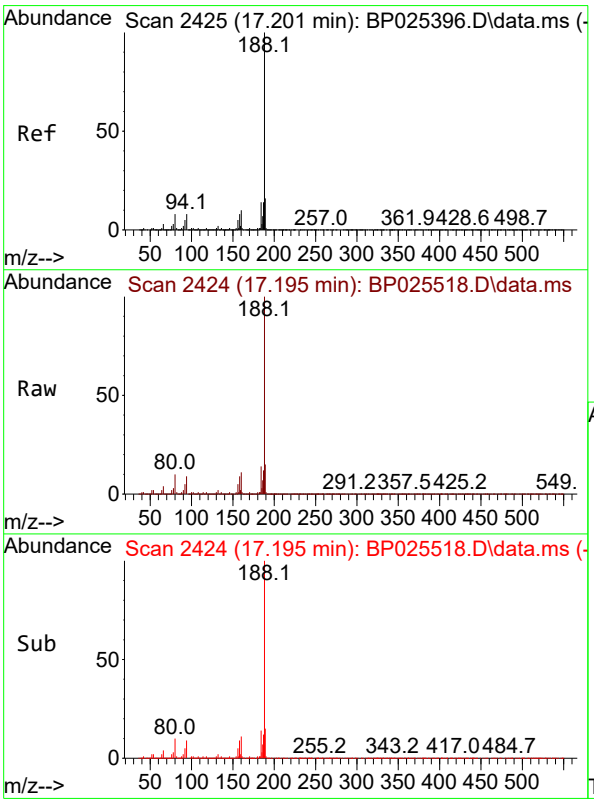
#63
Azobenzene
Concen: 3.948 ng
RT: 15.778 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 77 Resp: 98947

Ion	Ratio	Lower	Upper
77	100		
182	83.9	7.5	47.5#
105	153.2	2.1	42.1#
51	40.9	9.6	49.6

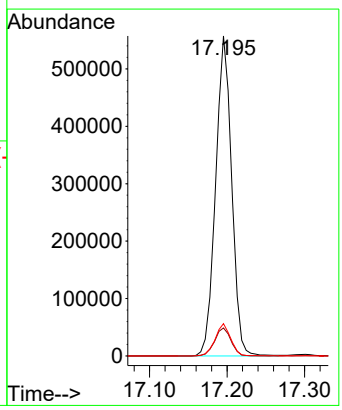


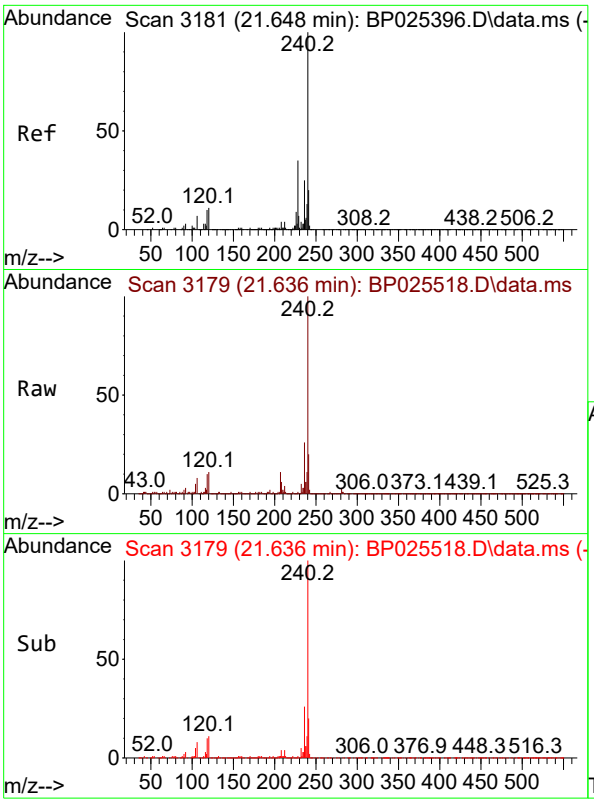


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion:188 Resp: 801033

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



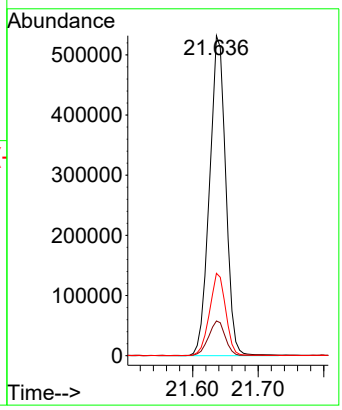


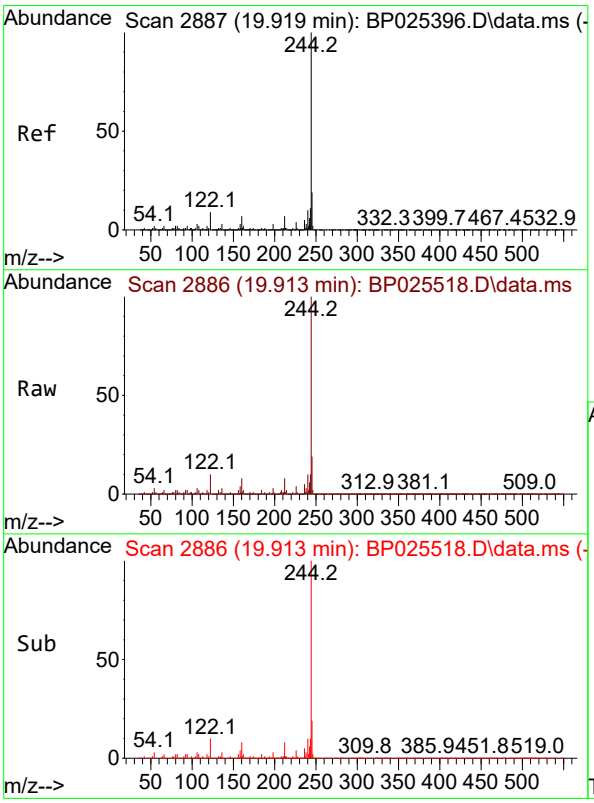
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 913525

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	25.7	19.8	29.8

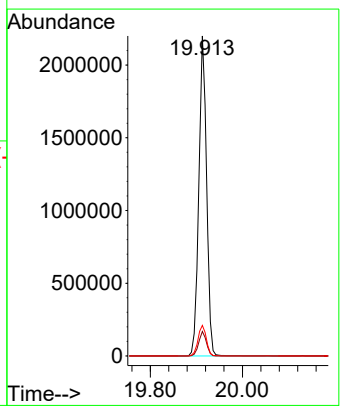


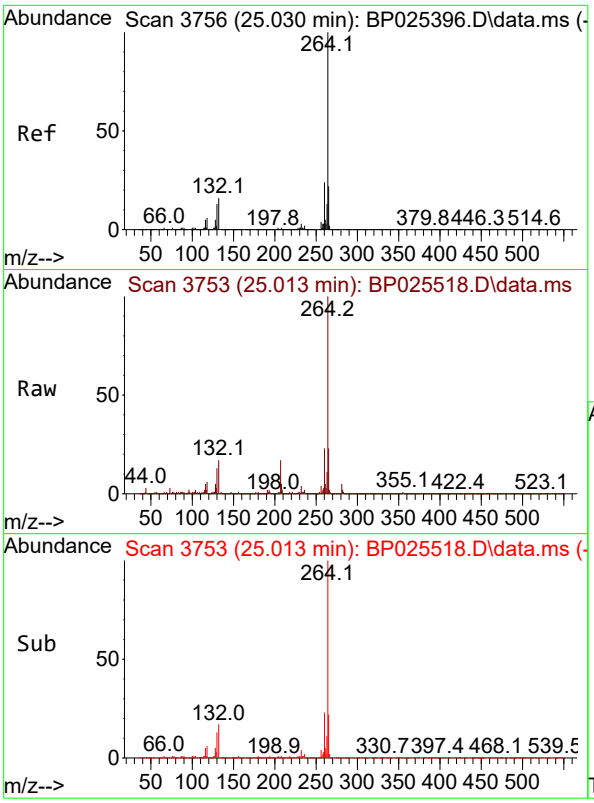


#79
Terphenyl-d14
Concen: 51.454 ng
RT: 19.913 min Scan# 2886
Delta R.T. -0.006 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion:244 Resp: 2569178

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	9.6	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.013 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 999794

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	22.6	17.4	26.0