Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025443.D
Acq On : 16 Aug 2025 03:19
Operator : CG/JU
Sample : Q2836-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Quant Time: Aug 18 01:40:11 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	149776	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	608329	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	401769	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	800453	20.000	ng	0.00
76) Chrysene-d12	21.624	240	857831	20.000	ng	-0.02
86) Perylene-d12	24.983	264	953202	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	1094890	121.400	ng	0.00
7) Phenol-d6	6.960	99	1326726	114.740	ng	0.00
23) Nitrobenzene-d5	8.925	82	957611	79.630	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	673207	124.487	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2141303	72.840	ng	0.00
79) Terphenyl-d14	19.918	244	3632532	77.474	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.601	128	801551	25.351	ng	100
37) 2-Methylnaphthalene	12.213	142	349599	16.990	ng	99
38) 1-Methylnaphthalene	12.430	142	242354	11.076	ng	98
46) 1,1'-Biphenyl	13.225	154	69347	2.377	ng	97
52) Acenaphthene	14.460	154	292687	13.266	ng	99
58) Fluorene	15.460	166	126504	4.596	ng	98
71) Phenanthrene	17.236	178	512689	11.660	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025443.D
Acq On : 16 Aug 2025 03:19
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Sample : Q2836-07
Misc :
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BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
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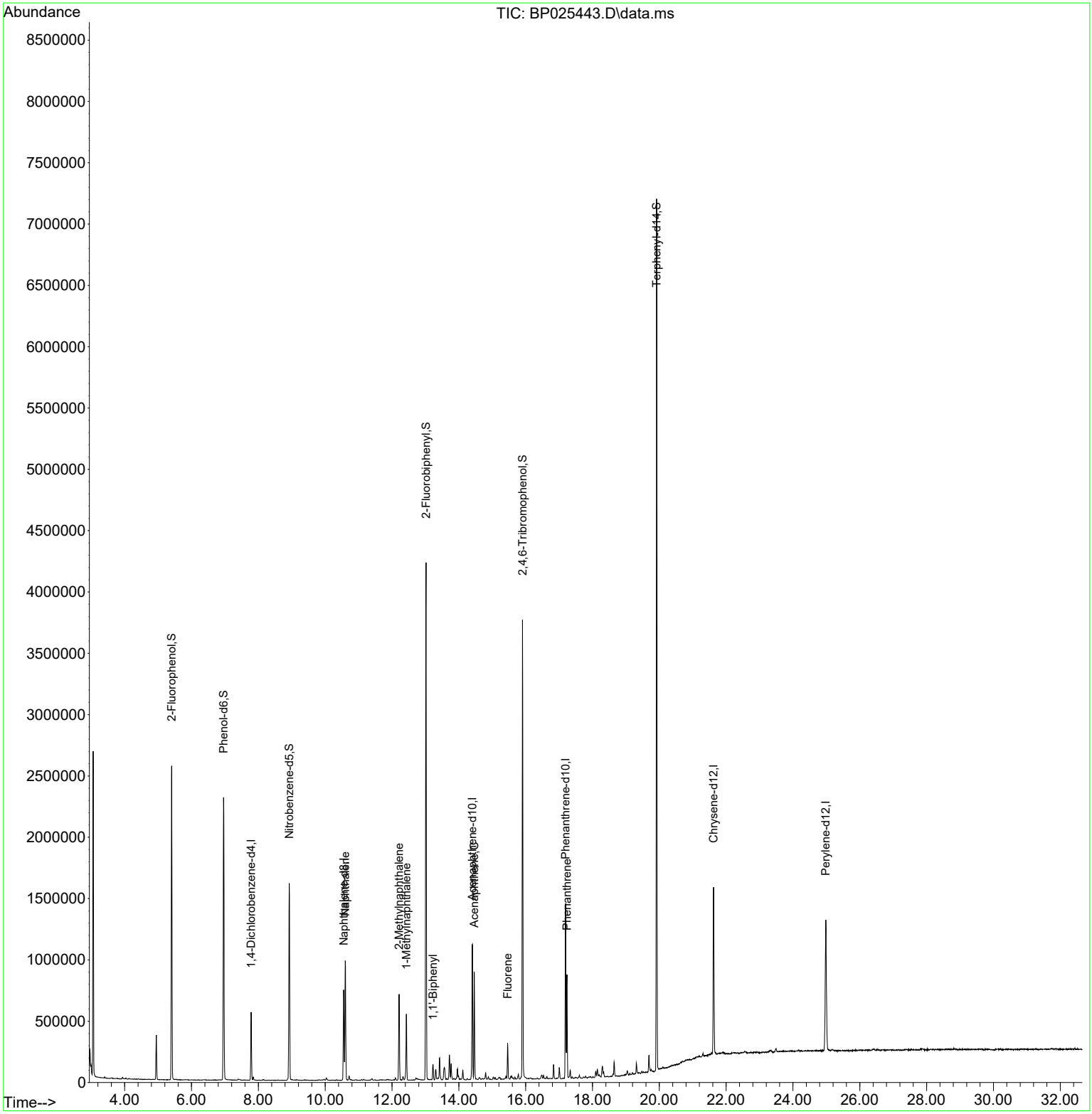
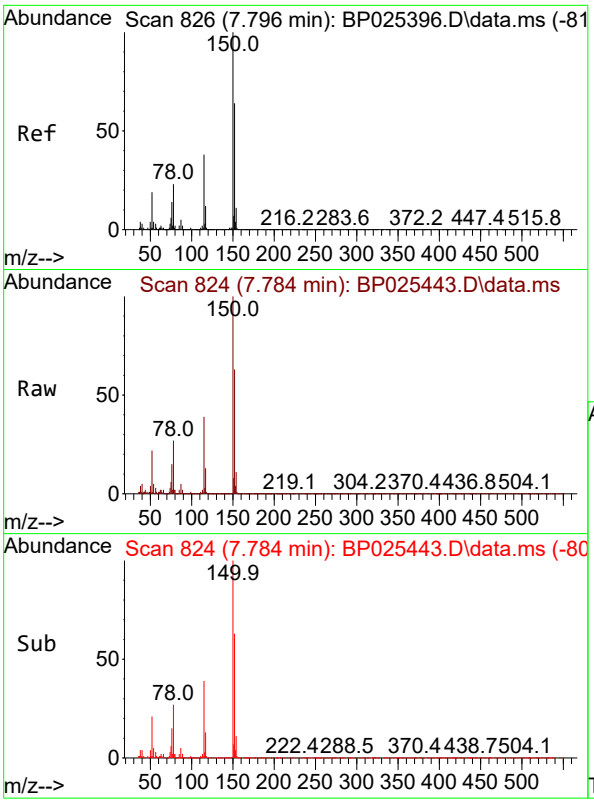


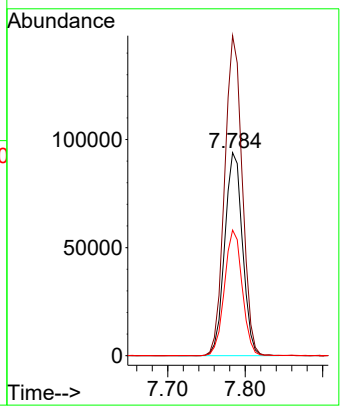


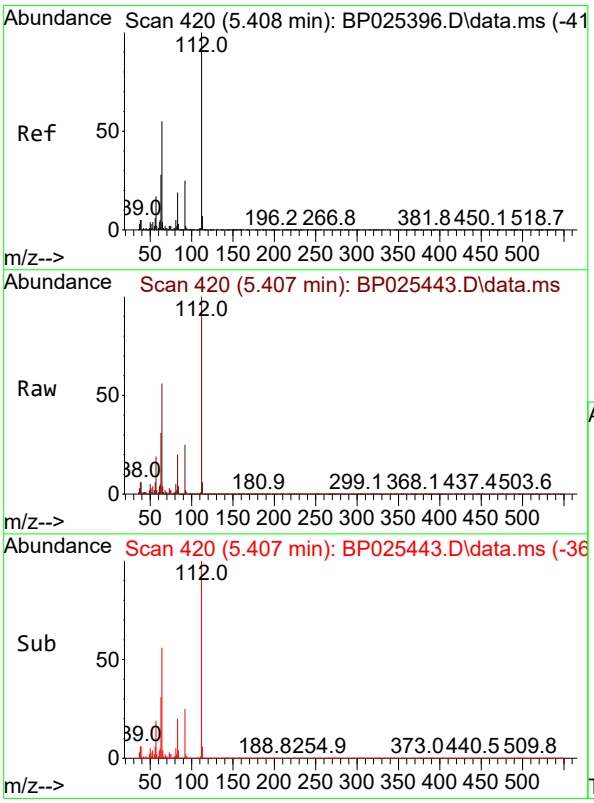
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Tgt Ion:152 Resp: 149776

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.9	188.9
115	61.9	48.5	72.7

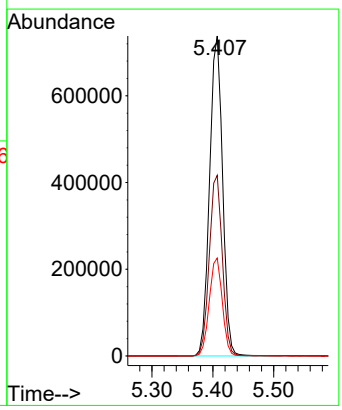


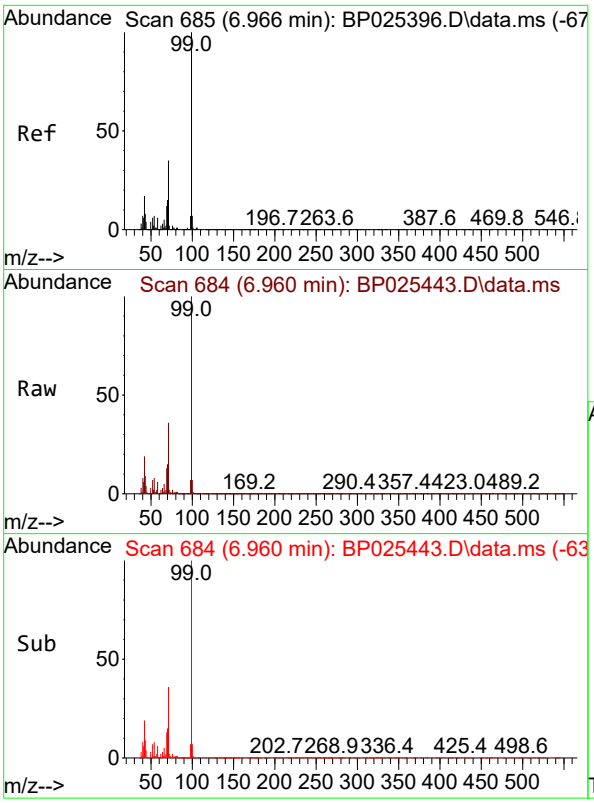


#5
2-Fluorophenol
Concen: 121.400 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Tgt Ion:112 Resp: 1094890

Ion	Ratio	Lower	Upper
112	100		
64	56.5	43.8	65.8
63	30.6	22.7	34.1



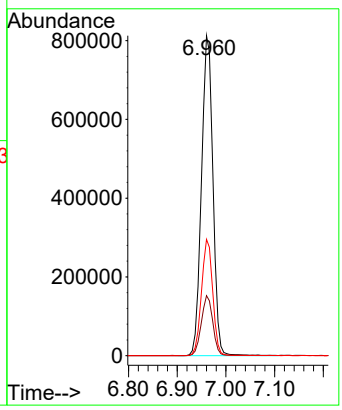


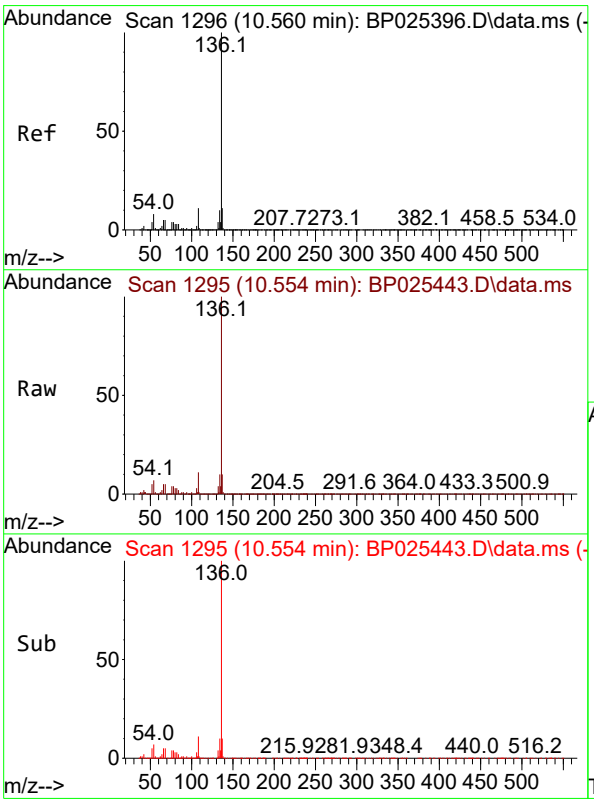
#7
Phenol-d6
Concen: 114.740 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Tgt Ion: 99 Resp: 1326726

Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.7	20.5
71	36.4	28.2	42.4

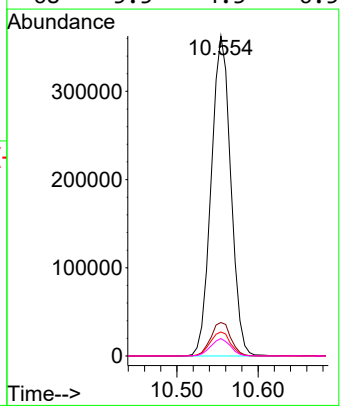


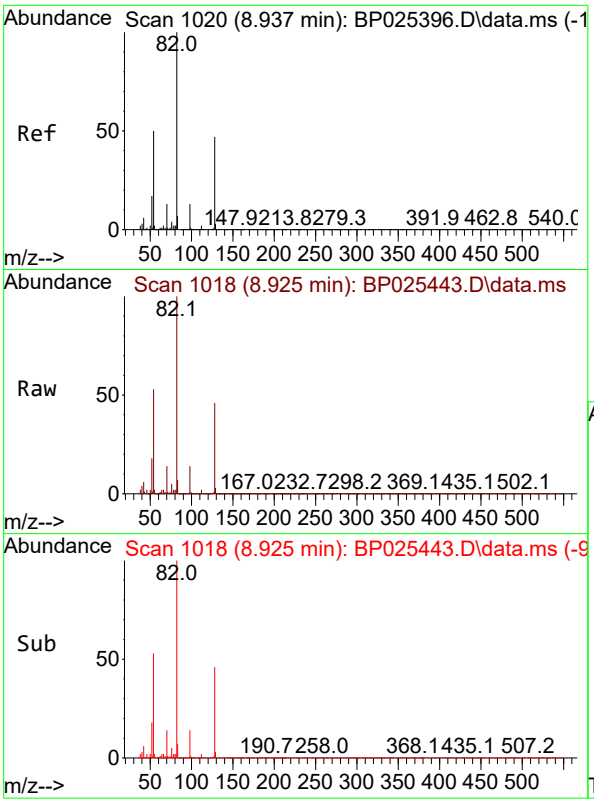


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Tgt Ion:136 Resp: 608329

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.5	6.0	9.0
68	5.5	4.3	6.5



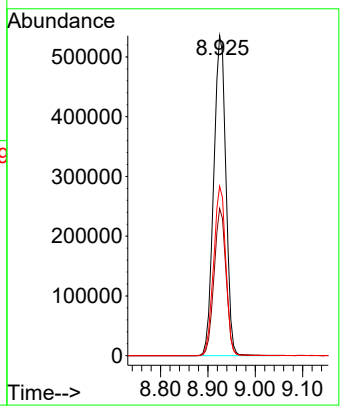


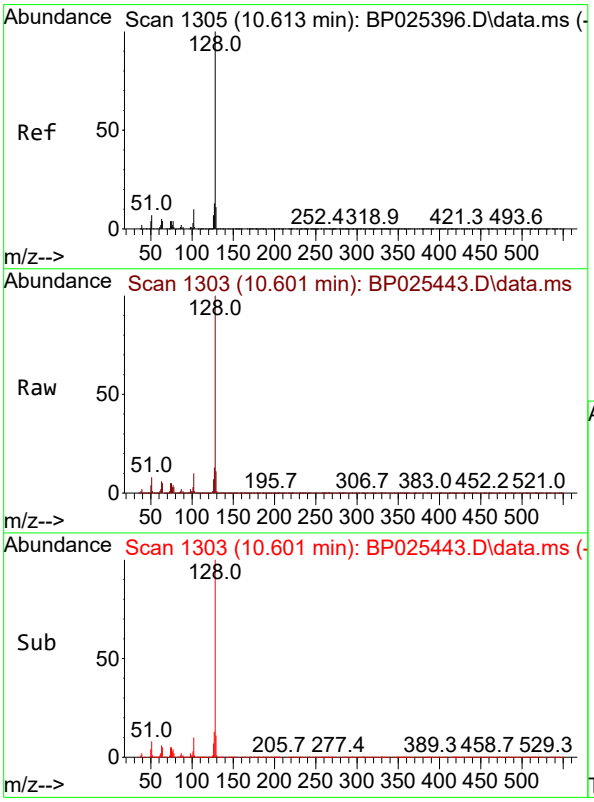
#23
Nitrobenzene-d5
Concen: 79.630 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Tgt Ion: 82 Resp: 957611

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	53.0	39.8	59.6

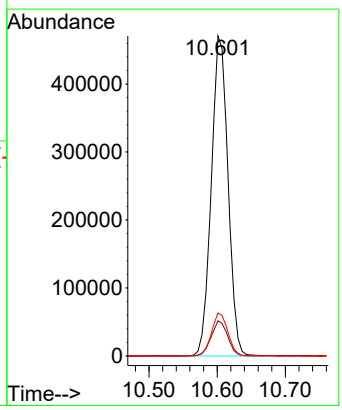


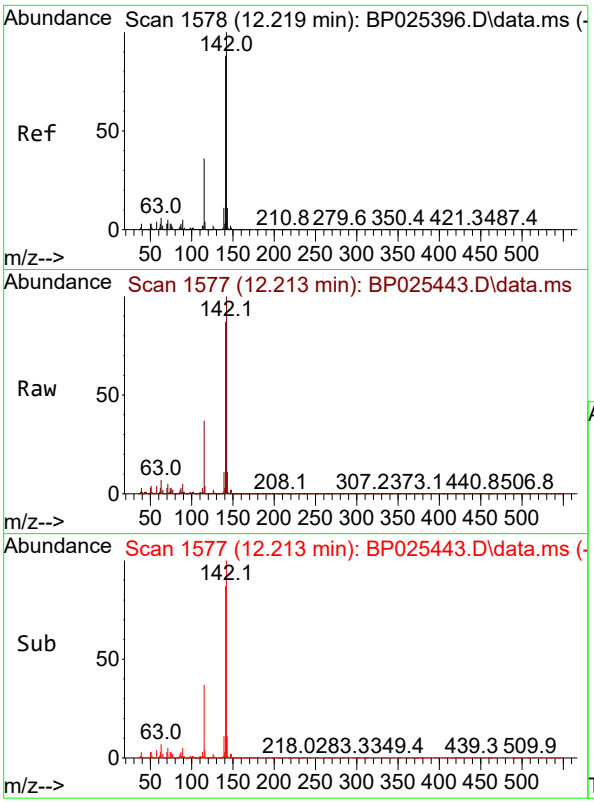


#31
Naphthalene
Concen: 25.351 ng
RT: 10.601 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Tgt Ion:128 Resp: 801551

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.5	10.7	16.1



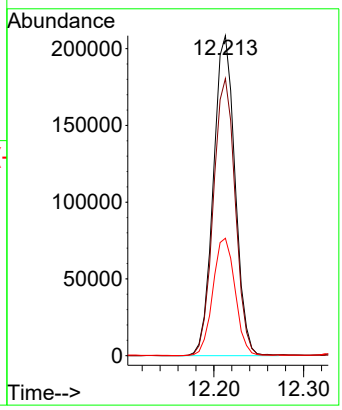


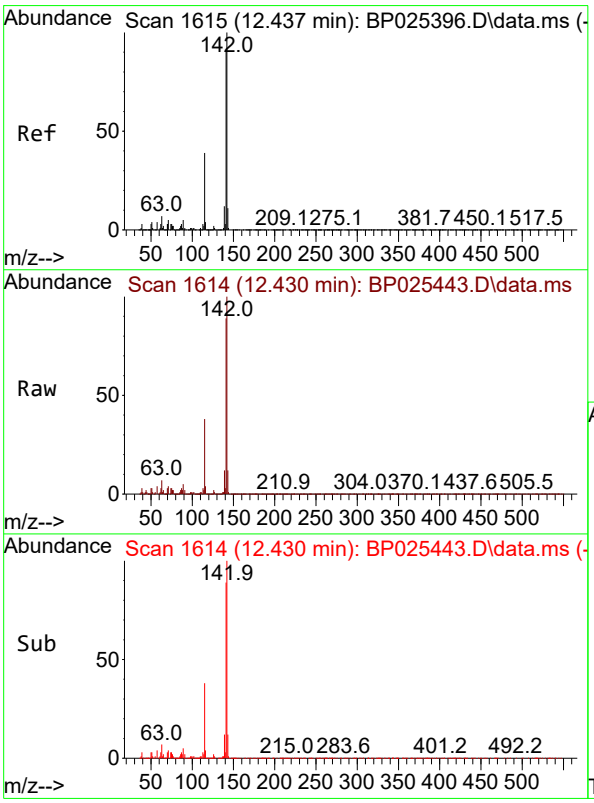
#37
2-Methylnaphthalene
Concen: 16.990 ng
RT: 12.213 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Tgt Ion:142 Resp: 349599

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.3	105.5
115	36.7	28.9	43.3

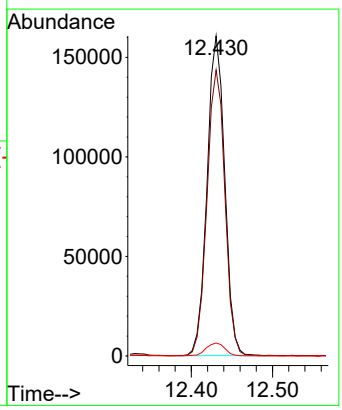


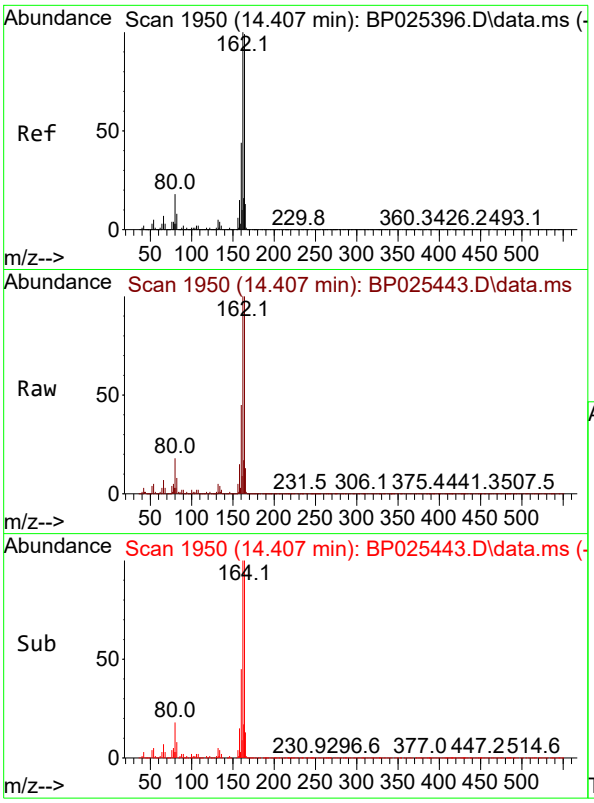


#38
1-Methylnaphthalene
Concen: 11.076 ng
RT: 12.430 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Tgt Ion:142 Resp: 242354

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.1	109.7
116	4.0	3.2	4.8



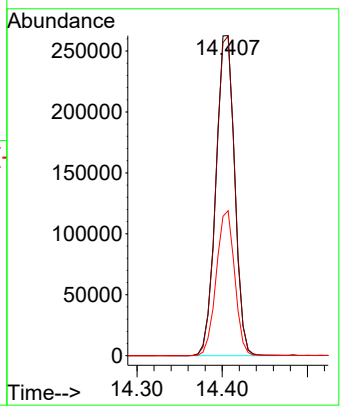


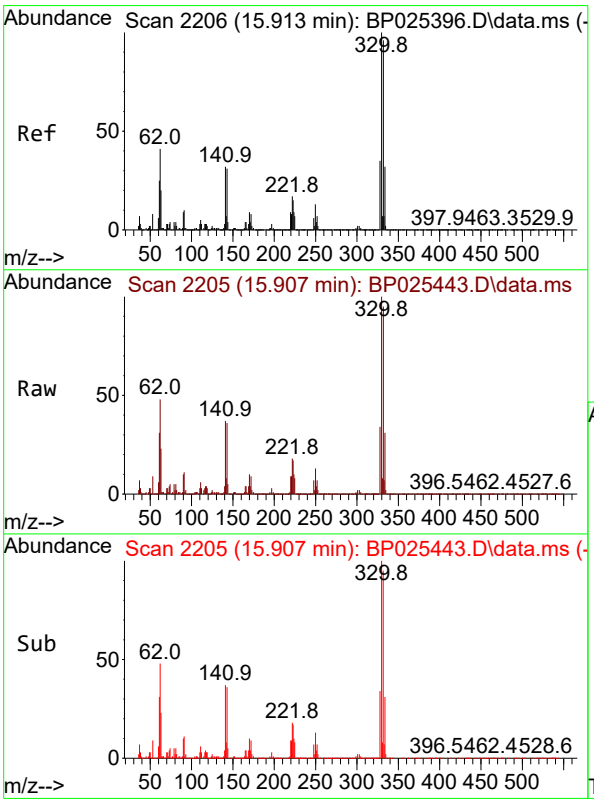
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Tgt Ion:164 Resp: 401769

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.0	121.6
160	45.3	35.4	53.2

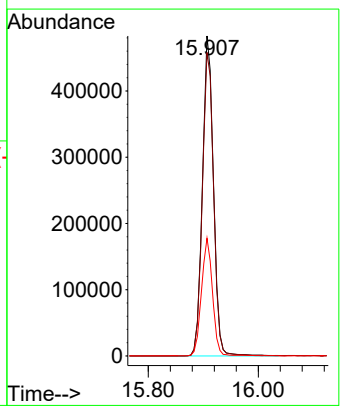


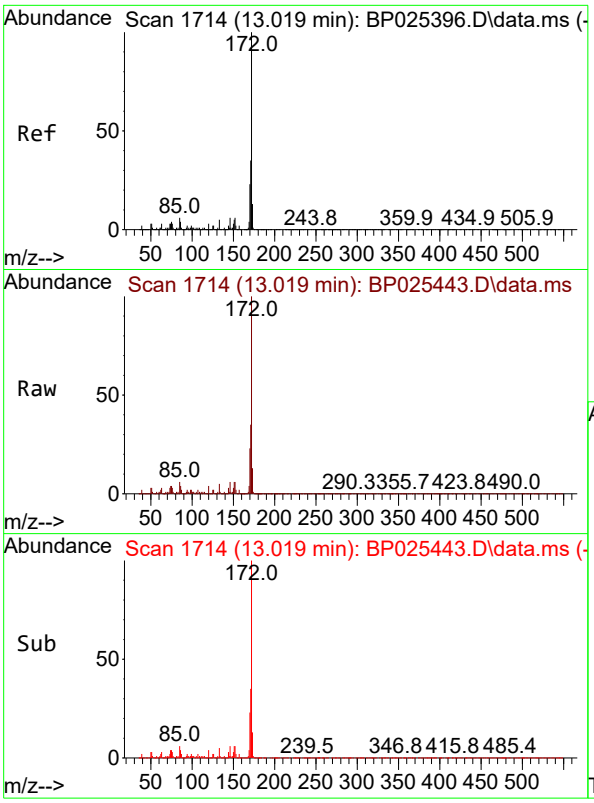


#42
2,4,6-Tribromophenol
Concen: 124.487 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Tgt Ion:330 Resp: 673207

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	37.0	26.6	39.8



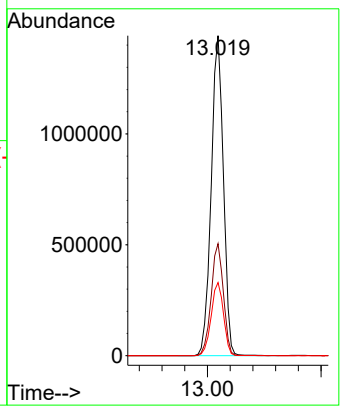


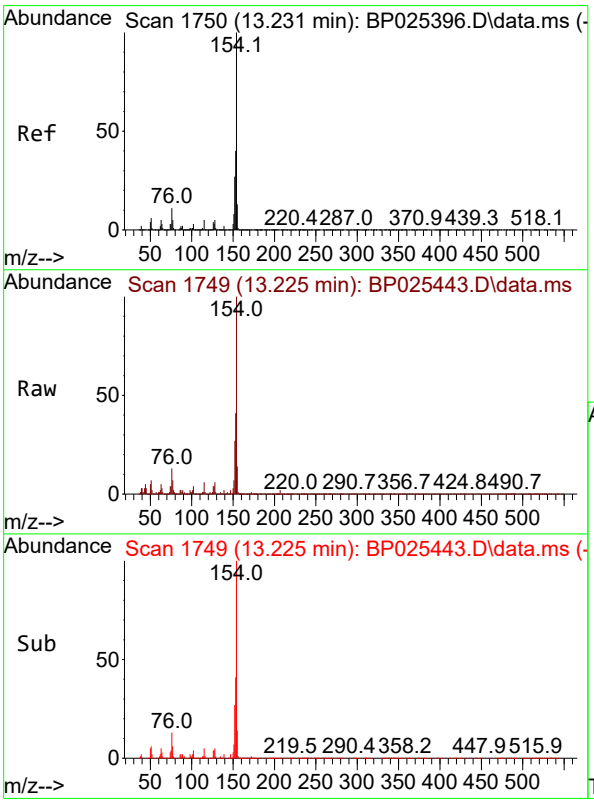
#45
2-Fluorobiphenyl
Concen: 72.840 ng
RT: 13.019 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Tgt Ion:172 Resp: 2141303

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	22.9	18.6	28.0

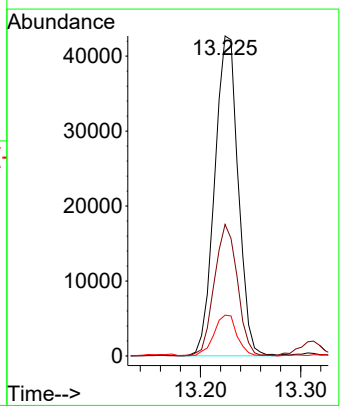


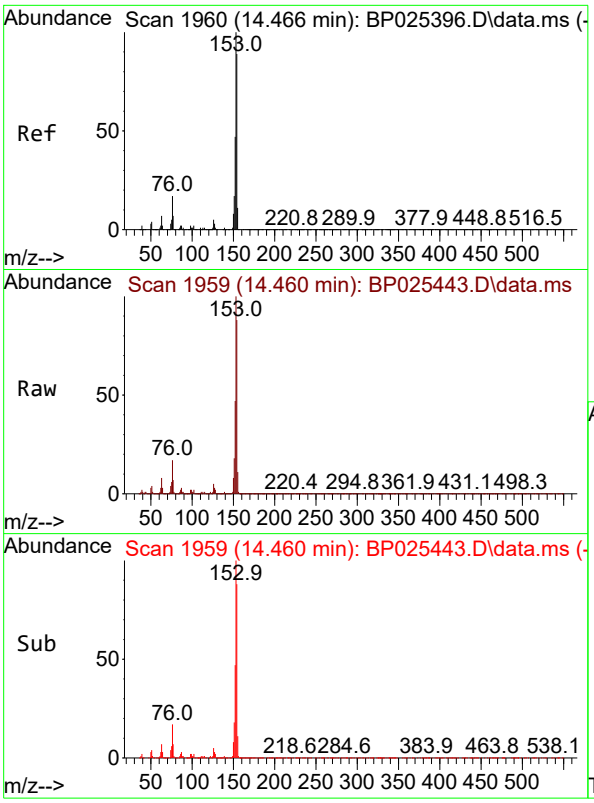


#46
1,1'-Biphenyl
Concen: 2.377 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Tgt Ion:154 Resp: 69347

Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.5	59.5
76	12.8	0.0	31.1



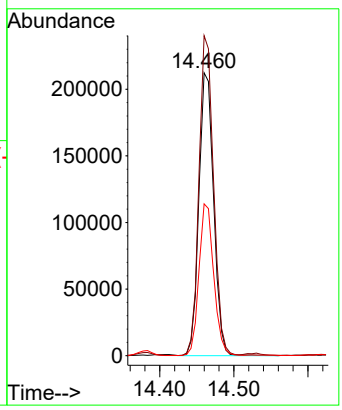


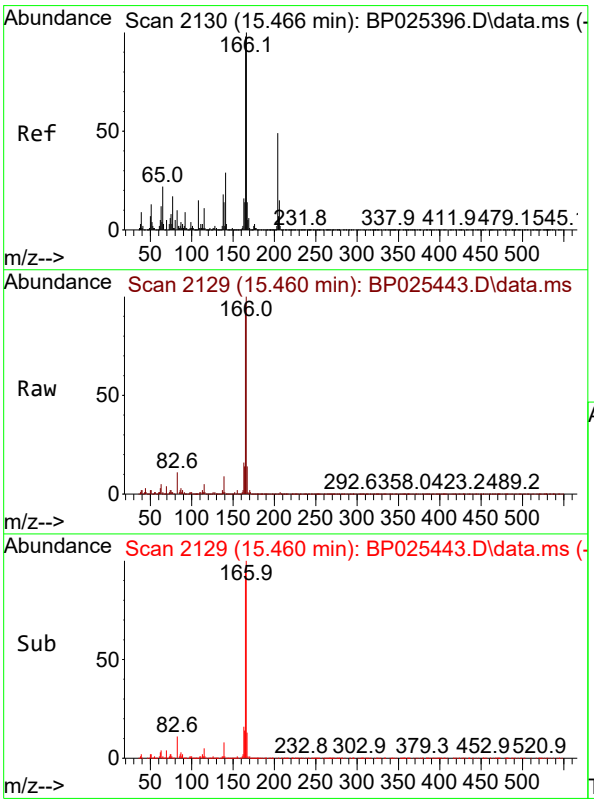
#52
Acenaphthene
Concen: 13.266 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Tgt Ion:154 Resp: 292687

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.2	135.2
152	53.7	42.1	63.1

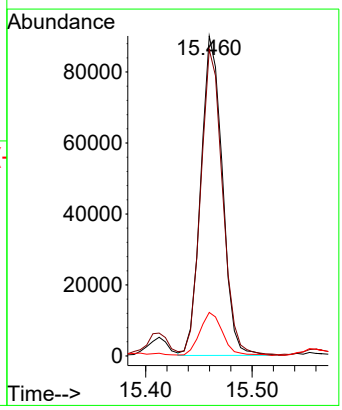


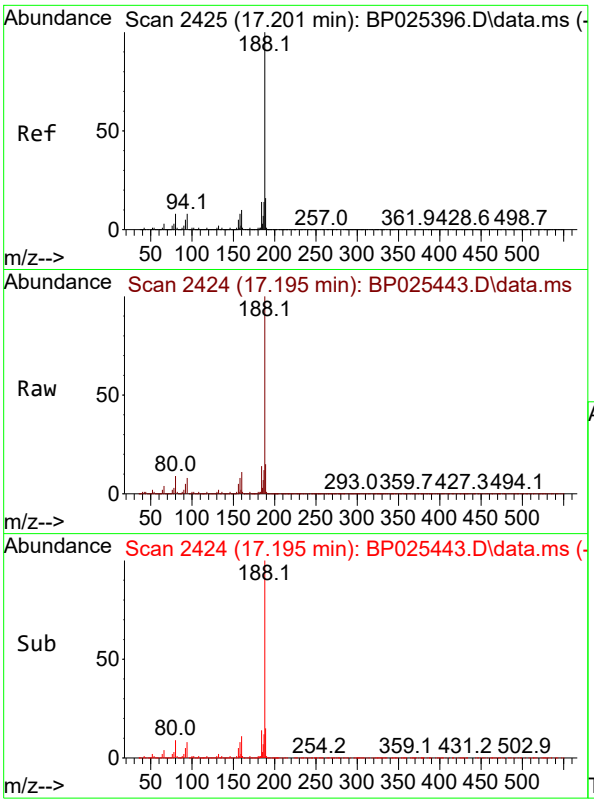


#58
Fluorene
Concen: 4.596 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Tgt Ion:166 Resp: 126504

Ion	Ratio	Lower	Upper
166	100		
165	95.8	78.8	118.2
167	13.6	11.0	16.4



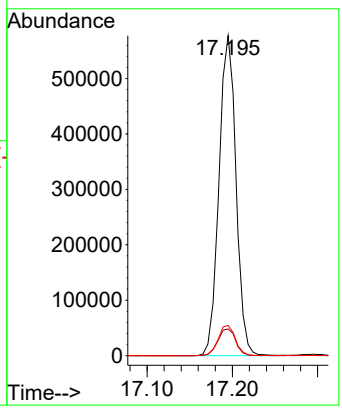


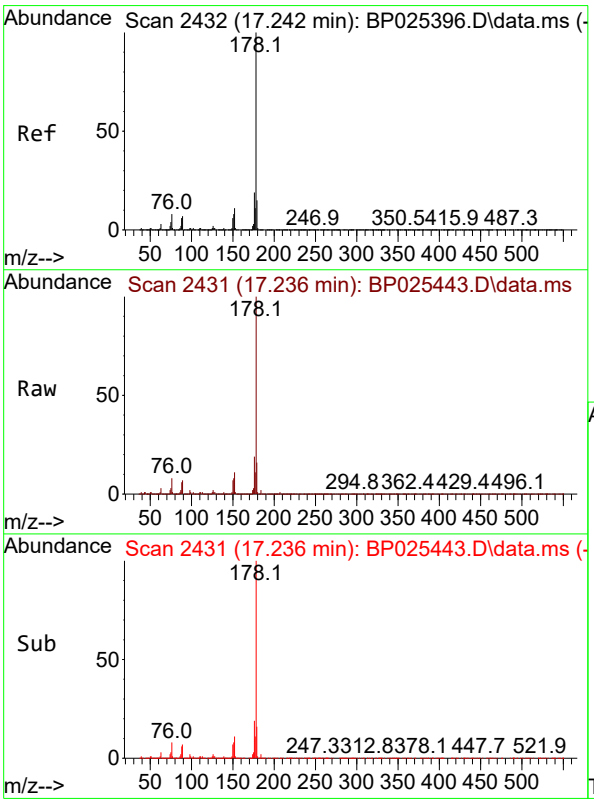
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Tgt Ion:188 Resp: 800453

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.5	6.7	10.1

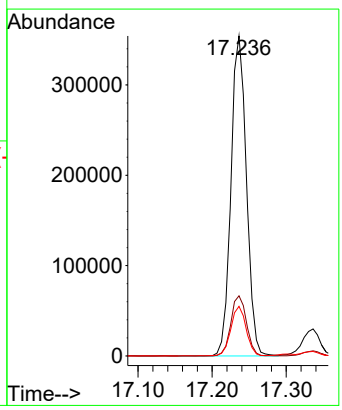


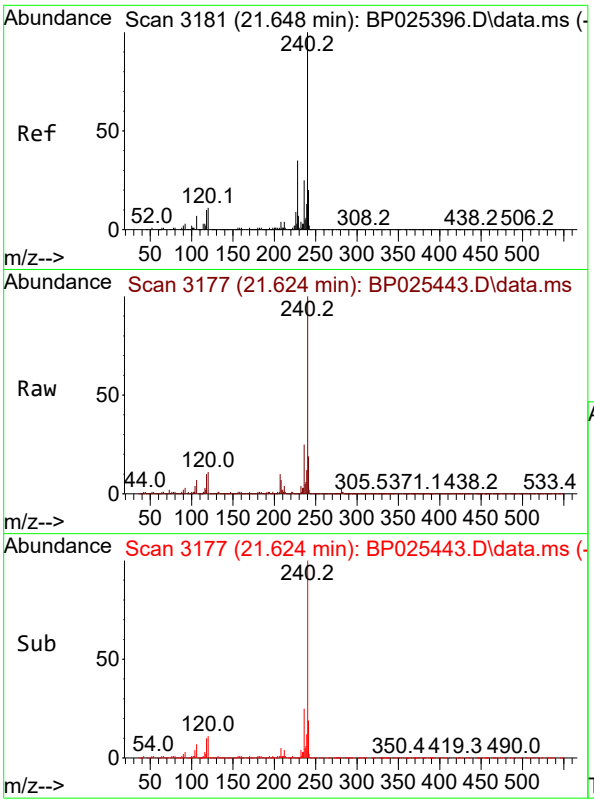


#71
Phenanthrene
Concen: 11.660 ng
RT: 17.236 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Tgt Ion:178 Resp: 512689

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.5	12.2	18.4



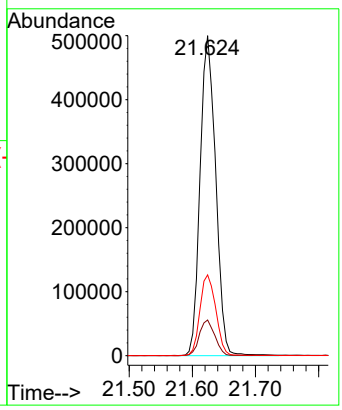


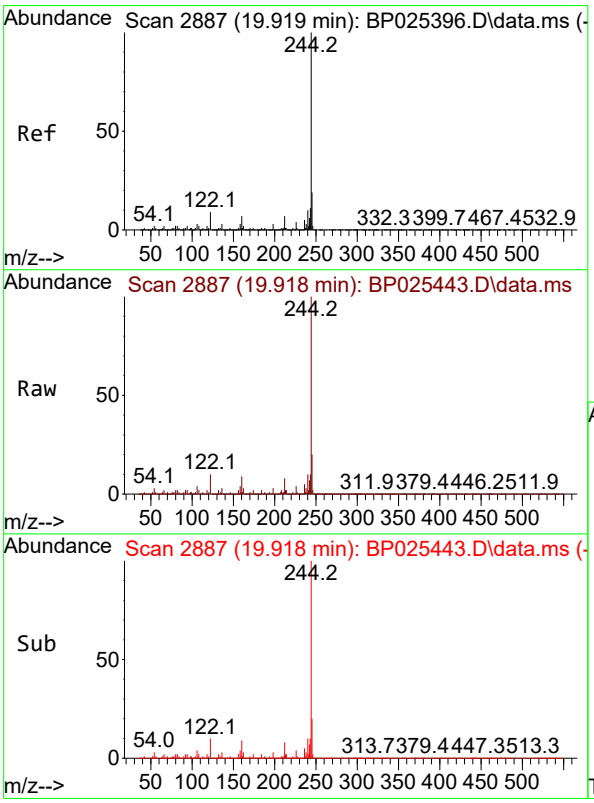
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Tgt Ion:240 Resp: 857831

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.3	19.8	29.8

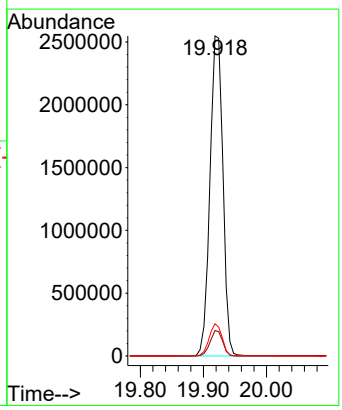


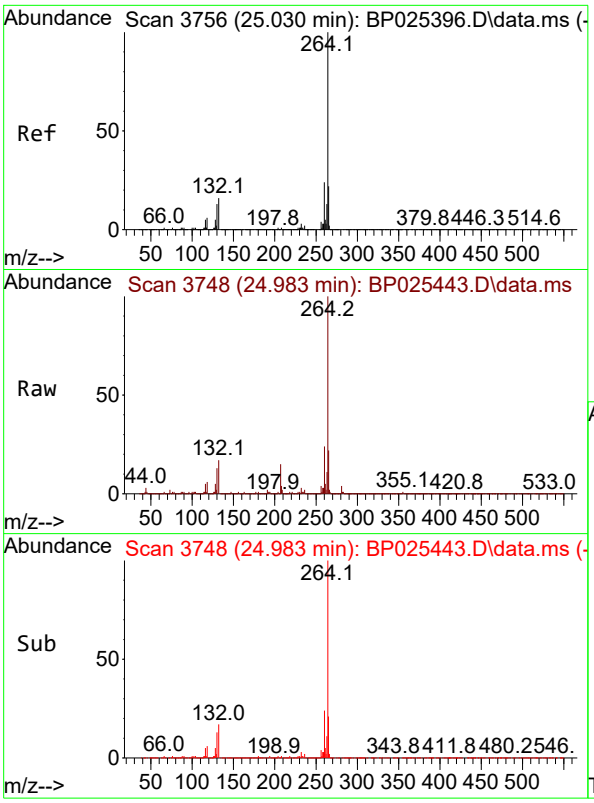


#79
Terphenyl-d14
Concen: 77.474 ng
RT: 19.918 min Scan# 2887
Delta R.T. -0.000 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Tgt Ion:244 Resp: 3632532

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	10.1	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP025443.D
Acq: 16 Aug 2025 03:19

Instrument :
BNA_P
ClientSampleId :
WC-A2-16-C

Tgt Ion:264 Resp: 953202

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.6	17.4	26.0