Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025431.D
Acq On : 15 Aug 2025 17:35
Operator : CG/JU
Sample : Q2827-05DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Quant Time: Aug 15 18:01:53 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	147891	20.000	ng		-0.01
21) Naphthalene-d8	10.560	136	596109	20.000	ng		0.00
39) Acenaphthene-d10	14.395	164	370341	20.000	ng		-0.01
64) Phenanthrene-d10	17.201	188	716922	20.000	ng		0.00
76) Chrysene-d12	21.630	240	788413	20.000	ng		-0.02
86) Perylene-d12	24.977	264	924452	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	50195	5.636	ng		0.00
7) Phenol-d6	6.961	99	78433	6.870	ng		0.00
23) Nitrobenzene-d5	8.919	82	60517	5.135	ng		-0.02
42) 2,4,6-Tribromophenol	15.907	330	38641	7.752	ng		0.00
45) 2-Fluorobiphenyl	13.007	172	154782	5.712	ng		-0.01
79) Terphenyl-d14	19.913	244	244969	5.685	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	8.884	117	52026	12.493	ng	#	1
52) Acenaphthene	14.460	154	124251	6.110	ng		95
55) Dibenzofuran	14.801	168	131422	4.087	ng	#	48
56) 4-Nitrophenol	14.613	139	63050	11.931	ng	#	59
58) Fluorene	15.466	166	259505	10.228	ng	#	93
66) n-Nitrosodiphenylamine	15.690	169	239794	10.969	ng	#	50
71) Phenanthrene	17.242	178	1215600	30.866	ng		98
72) Anthracene	17.242	178	1215600	30.225	ng		97
75) Fluoranthene	19.319	202	877784	18.685	ng		97
78) Pyrene	19.695	202	873293	17.042	ng		99
81) Benzo(a)anthracene	21.607	228	338938	6.519	ng		98
83) Chrysene	21.683	228	309802	6.362	ng		97
84) Bis(2-ethylhexyl)phtha...	21.560	149	874200	25.571	ng		98
87) Indeno(1,2,3-cd)pyrene	28.783	276	166185	2.451	ng	#	89
88) Benzo(b)fluoranthene	23.924	252	374356	6.867	ng		96
89) Benzo(k)fluoranthene	23.924	252	374356	6.863	ng		95
90) Benzo(a)pyrene	24.813	252	265729	5.008	ng		97
92) Benzo(g,h,i)perylene	29.971	276	163716	3.006	ng	#	93

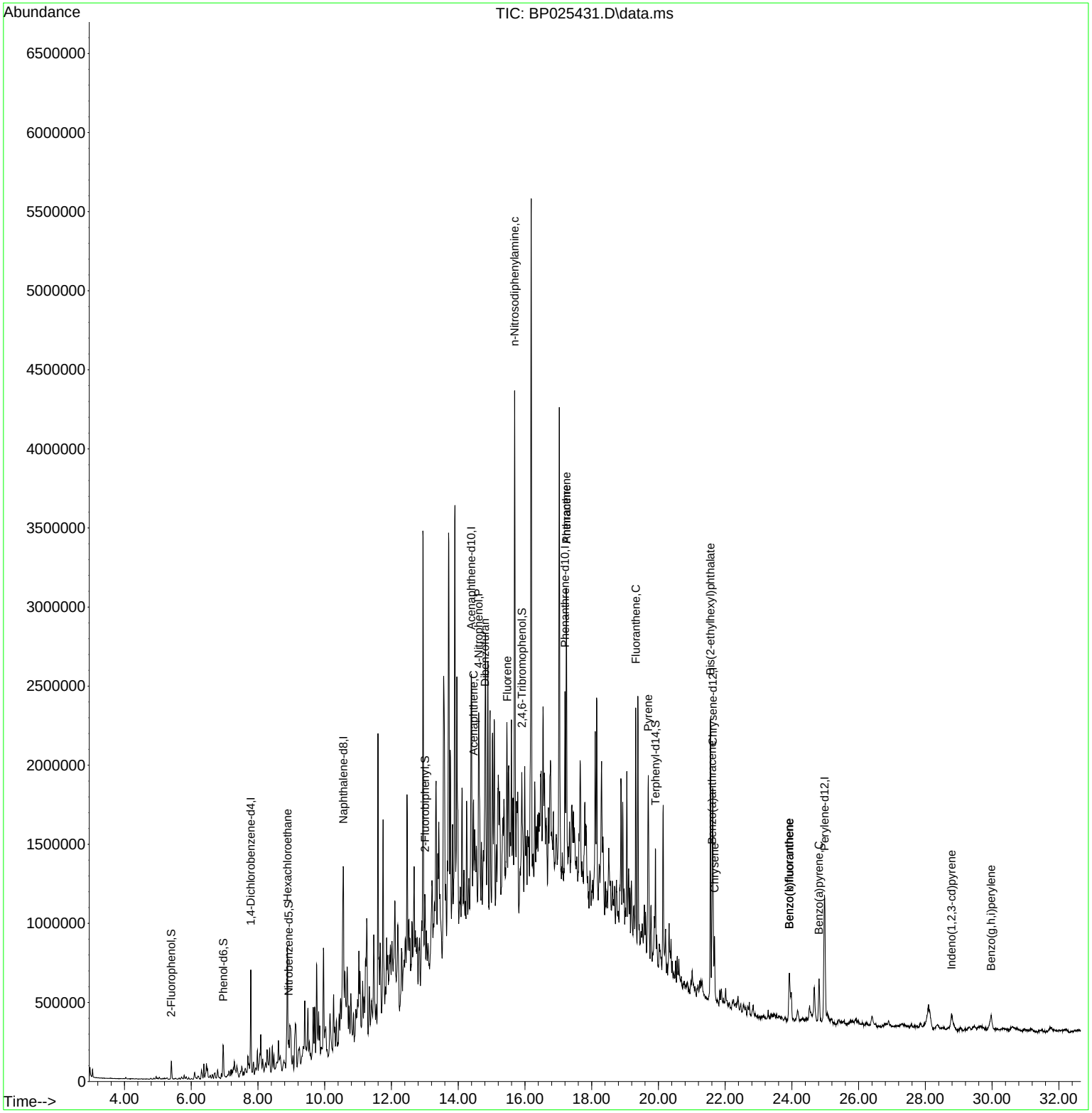
(#) = qualifier out of range (m) = manual integration (+) = signals summed

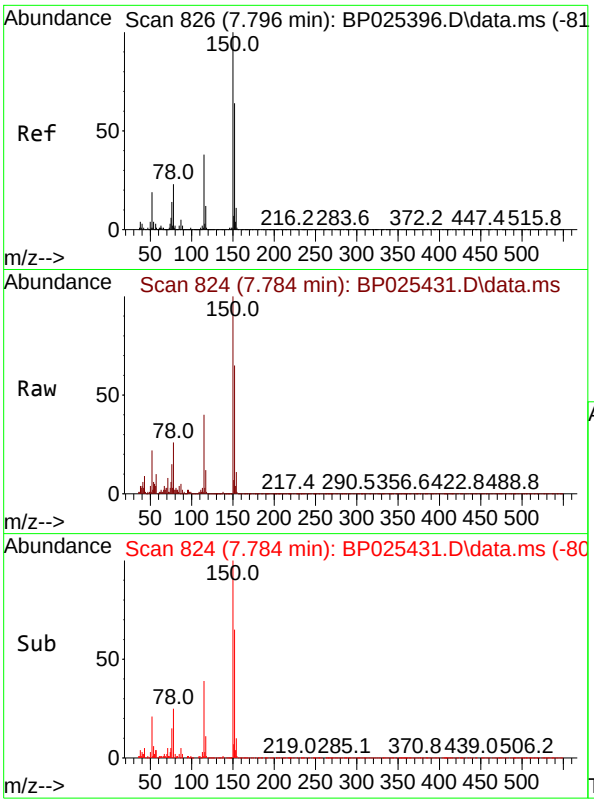
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025431.D
Acq On : 15 Aug 2025 17:35
Operator : CG/JU
Sample : Q2827-05DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Quant Time: Aug 15 18:01:53 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



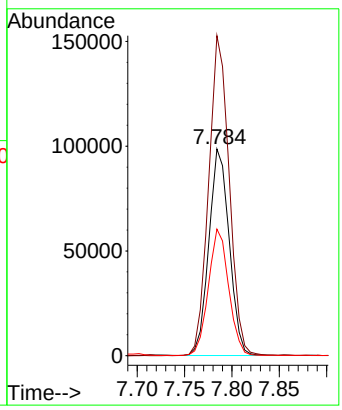


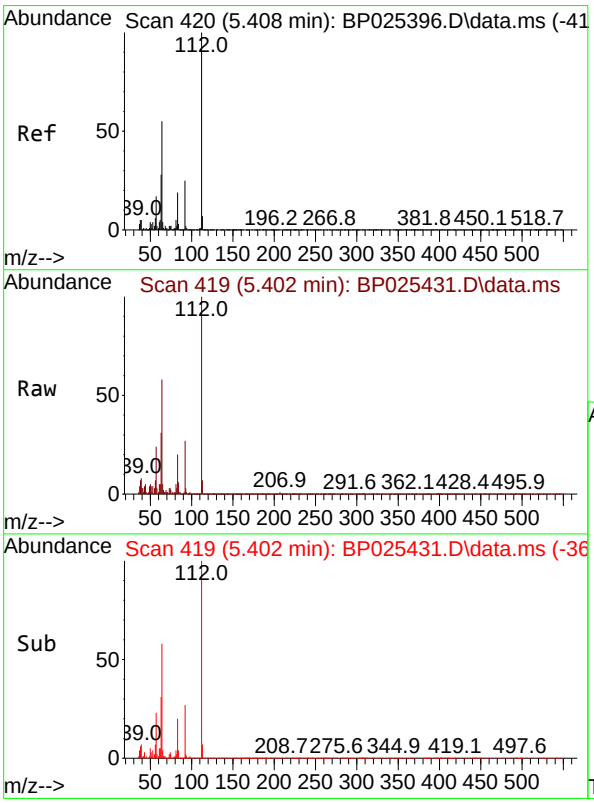
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:152 Resp: 147891

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.9	188.9
115	61.2	48.5	72.7

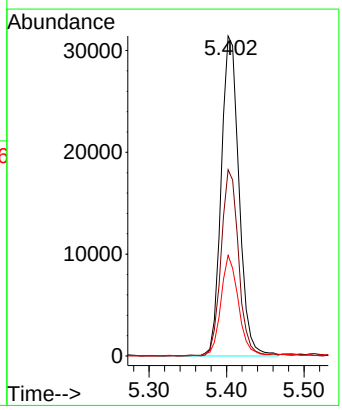


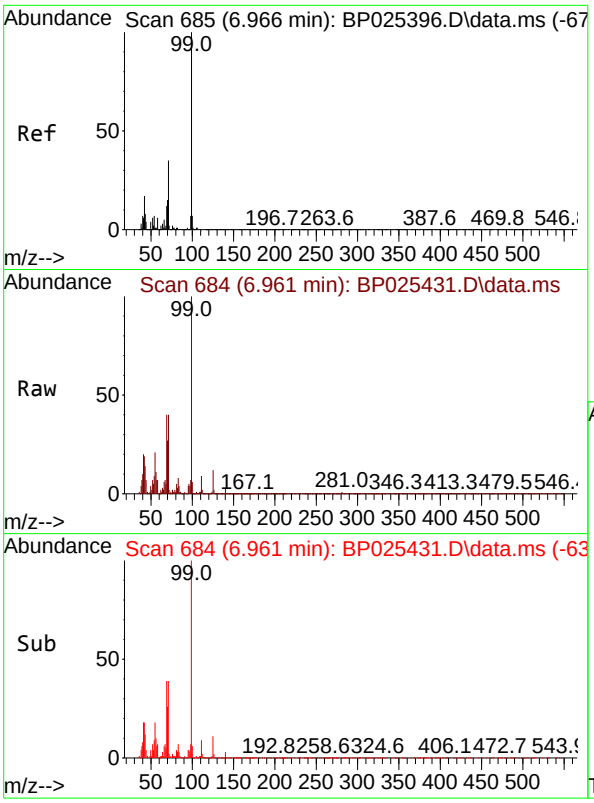


#5
2-Fluorophenol
Concen: 5.636 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:112 Resp: 50195

Ion	Ratio	Lower	Upper
112	100		
64	58.2	43.8	65.8
63	31.4	22.7	34.1



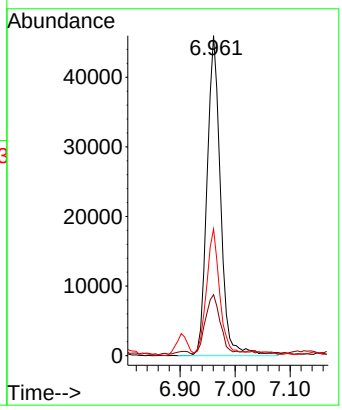


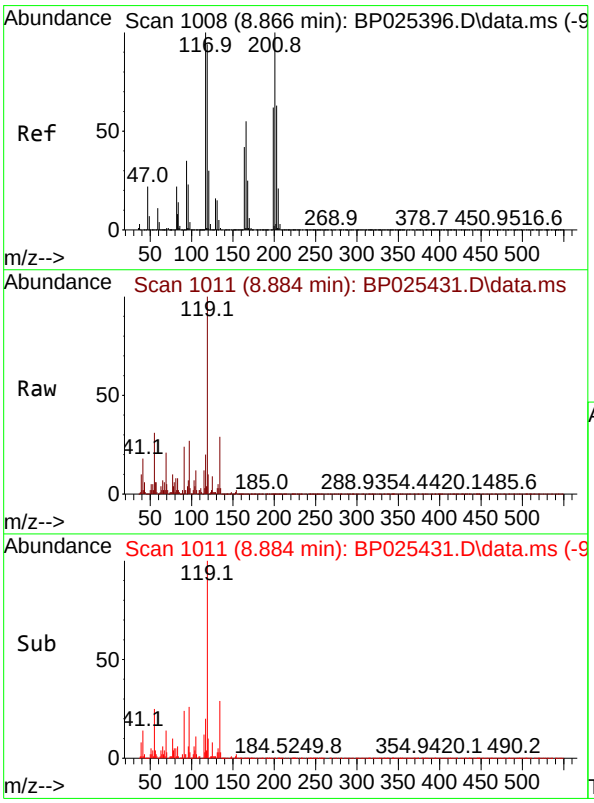
#7
Phenol-d6
Concen: 6.870 ng
RT: 6.961 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion: 99 Resp: 78433

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.7	20.5
71	39.6	28.2	42.4

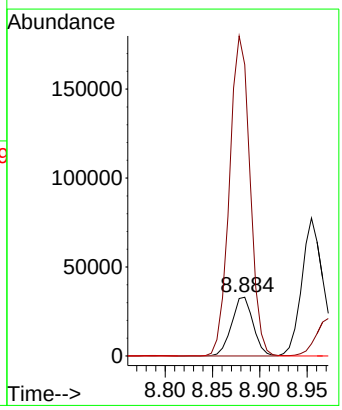


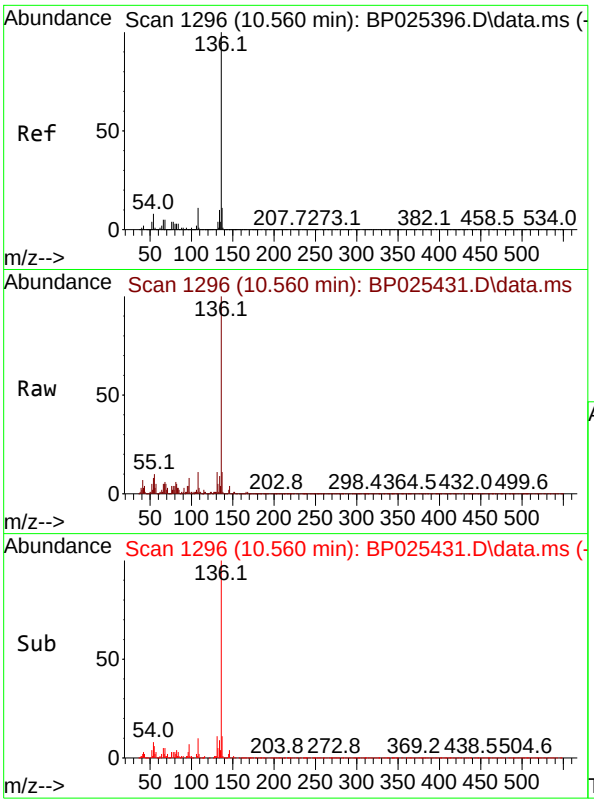


#18
Hexachloroethane
Concen: 12.493 ng
RT: 8.884 min Scan# 1011
Delta R.T. 0.018 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:117 Resp: 52026

Ion	Ratio	Lower	Upper
117	100		
119	496.5	75.1	112.7#
201	0.0	80.1	120.1#



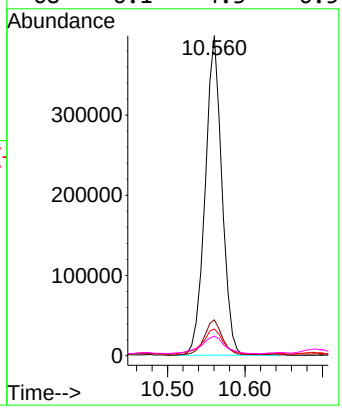


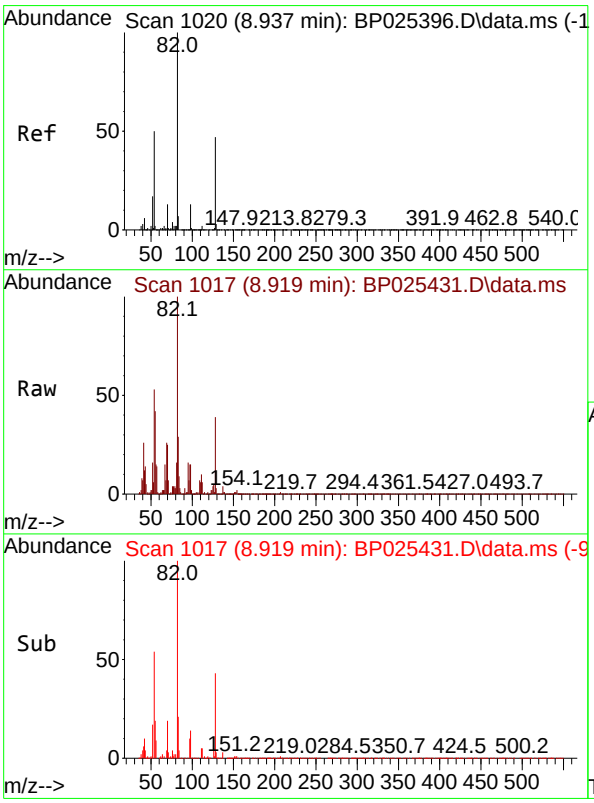
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:136 Resp: 596109

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.3	6.0	9.0
68	6.1	4.3	6.5

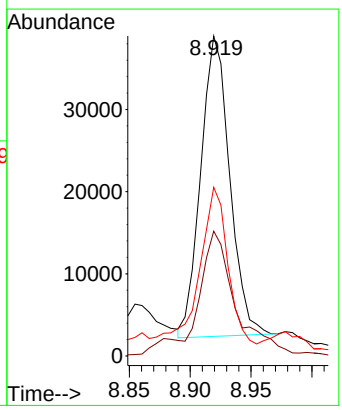


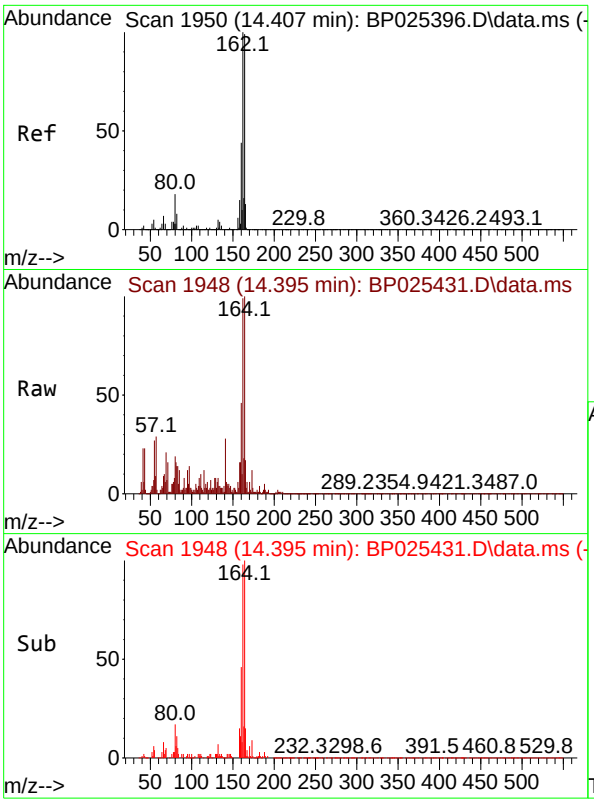


#23
Nitrobenzene-d5
Concen: 5.135 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion: 82 Resp: 60517

Ion	Ratio	Lower	Upper
82	100		
128	39.0	37.7	56.5
54	52.7	39.8	59.6



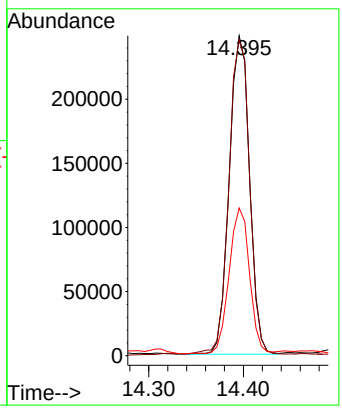


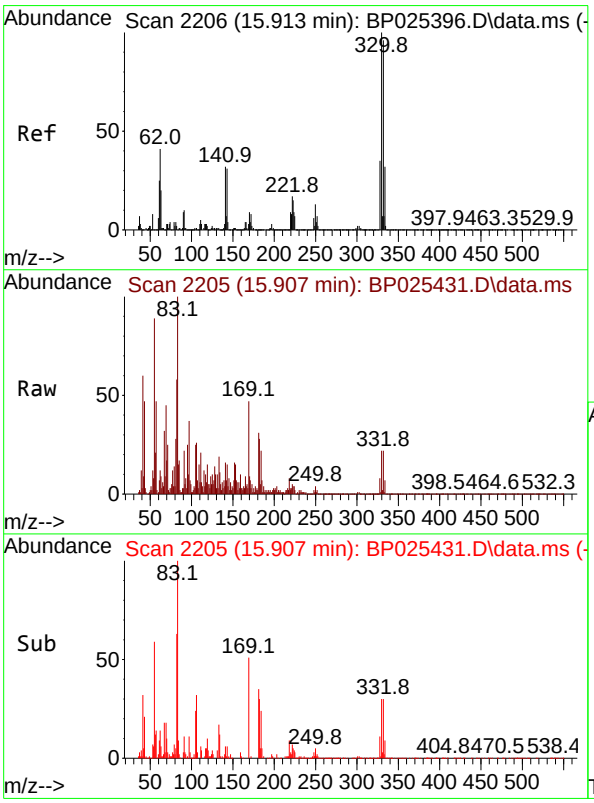
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:164 Resp: 370341

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.0	121.6
160	46.1	35.4	53.2

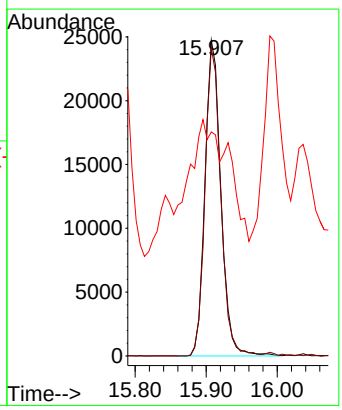


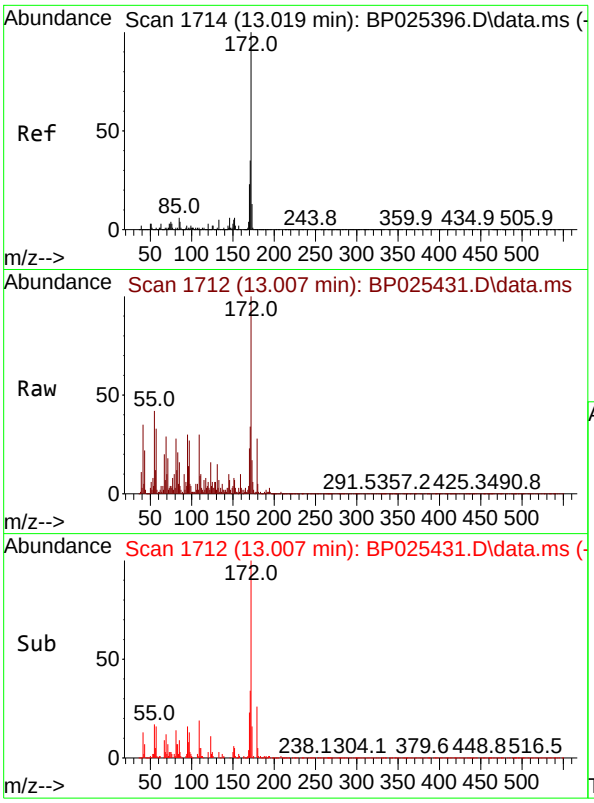


#42
2,4,6-Tribromophenol
Concen: 7.752 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:330 Resp: 38641

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	90.7	26.6	39.8#



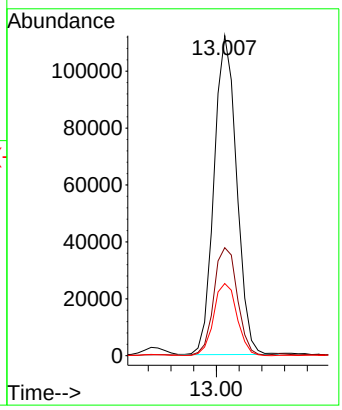


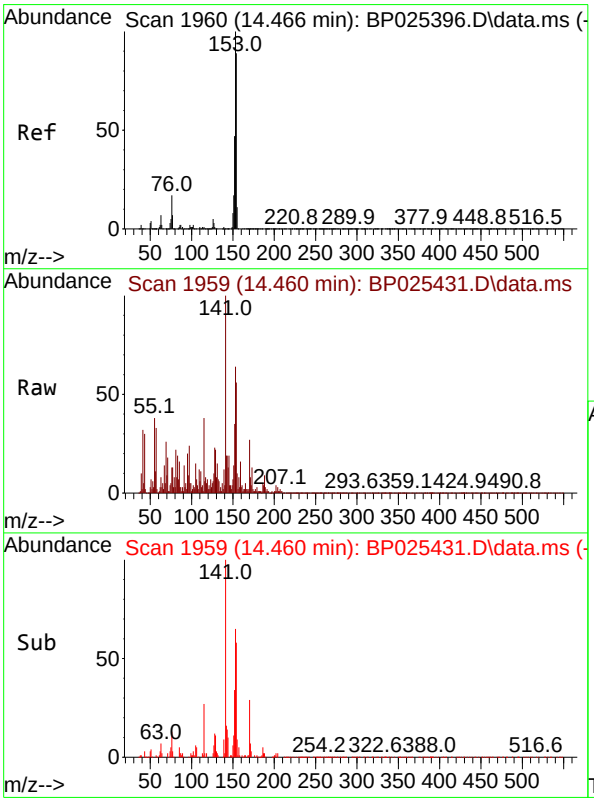
#45
2-Fluorobiphenyl
Concen: 5.712 ng
RT: 13.007 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:172 Resp: 154782

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.1	42.1
170	22.5	18.6	28.0

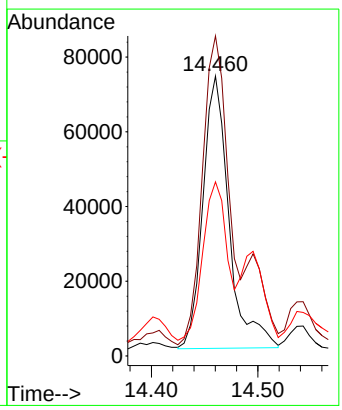


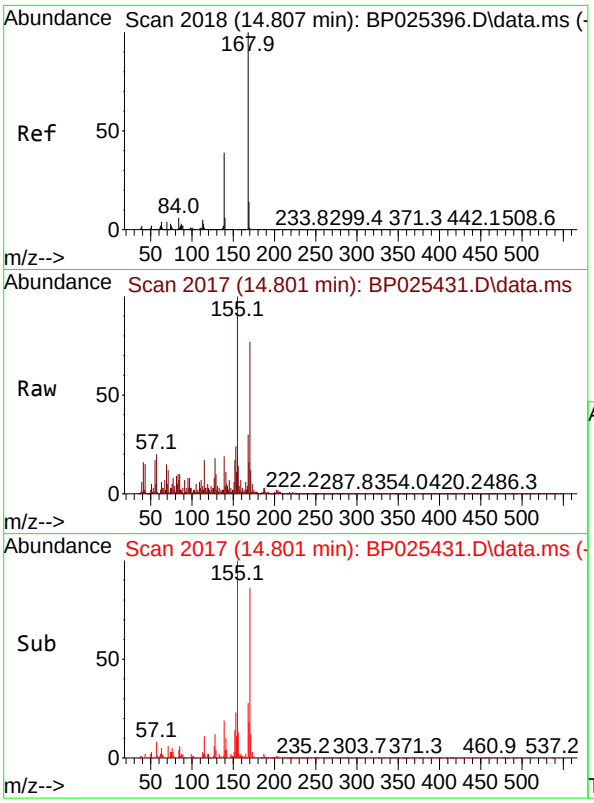


#52
Acenaphthene
Concen: 6.110 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:154 Resp: 124251

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.2	135.2
152	62.2	42.1	63.1



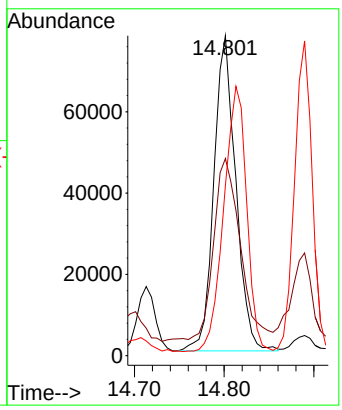


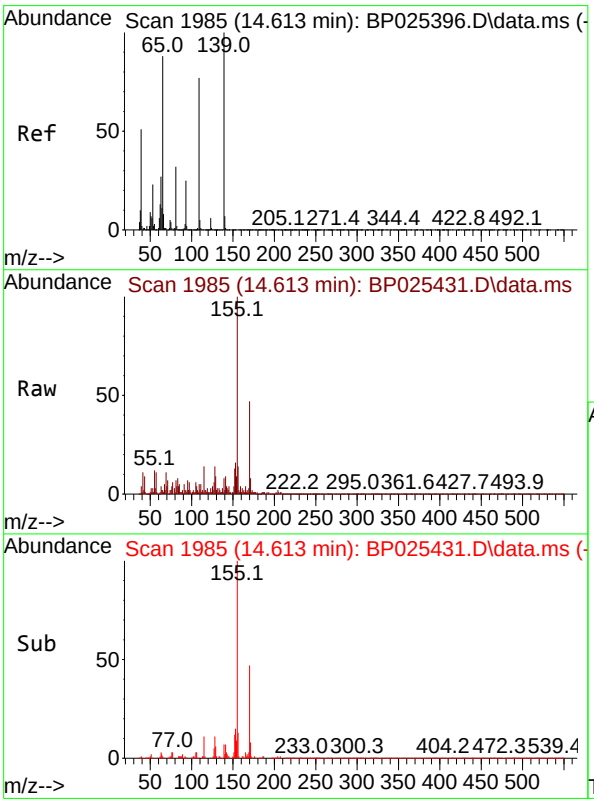
#55
Dibenzofuran
Concen: 4.087 ng
RT: 14.801 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:168 Resp: 131422

Ion	Ratio	Lower	Upper
168	100		
139	61.6	31.5	47.3#
169	53.2	10.9	16.3#

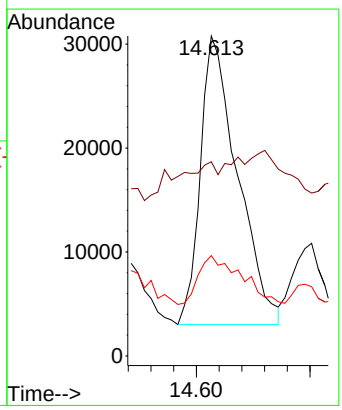


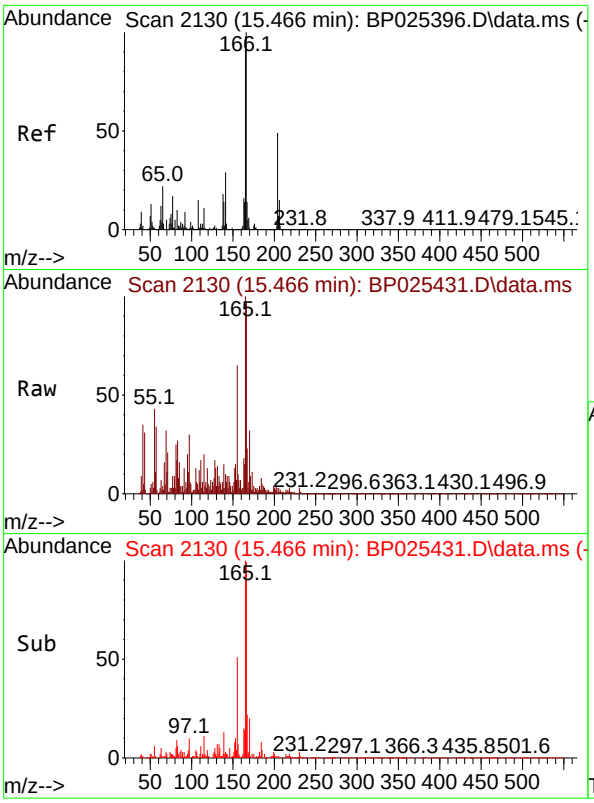


#56
4-Nitrophenol
Concen: 11.931 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:139 Resp: 63050

Ion	Ratio	Lower	Upper
139	100		
109	60.7	56.6	96.6
65	31.3	68.2	108.2#



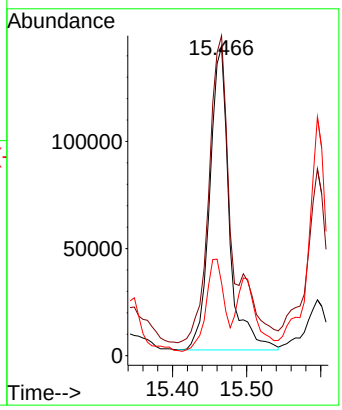


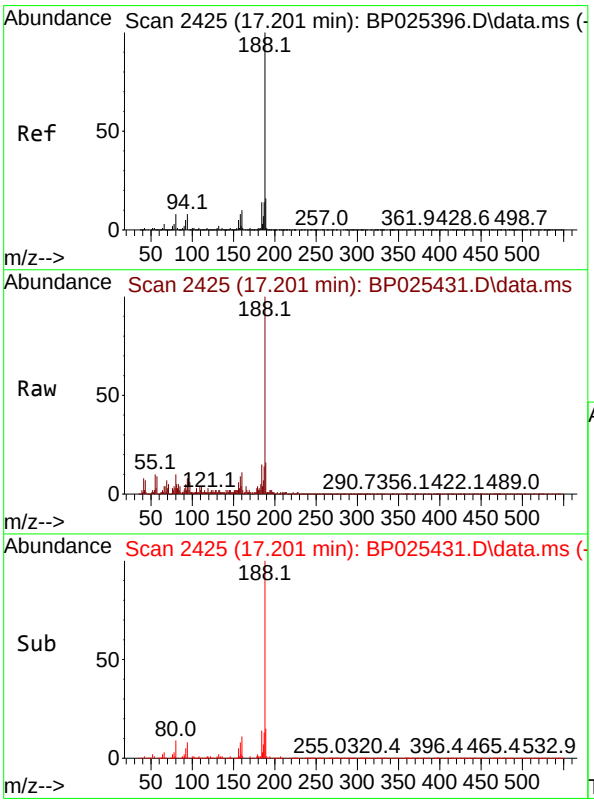
#58
Fluorene
Concen: 10.228 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:166 Resp: 259505

Ion	Ratio	Lower	Upper
166	100		
165	103.6	78.8	118.2
167	23.5	11.0	16.4#

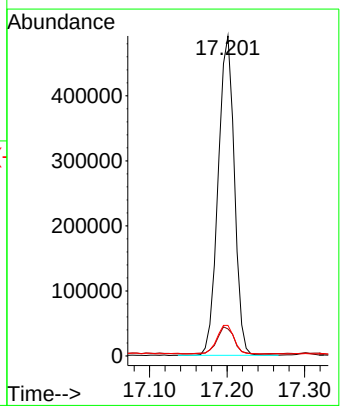


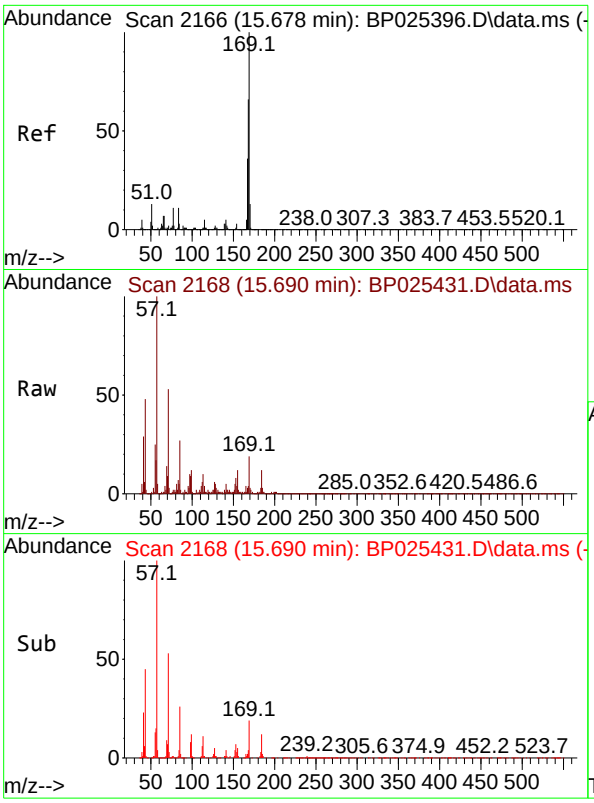


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:188 Resp: 716922

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.6	6.7	10.1



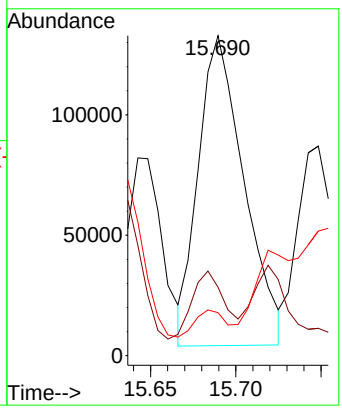


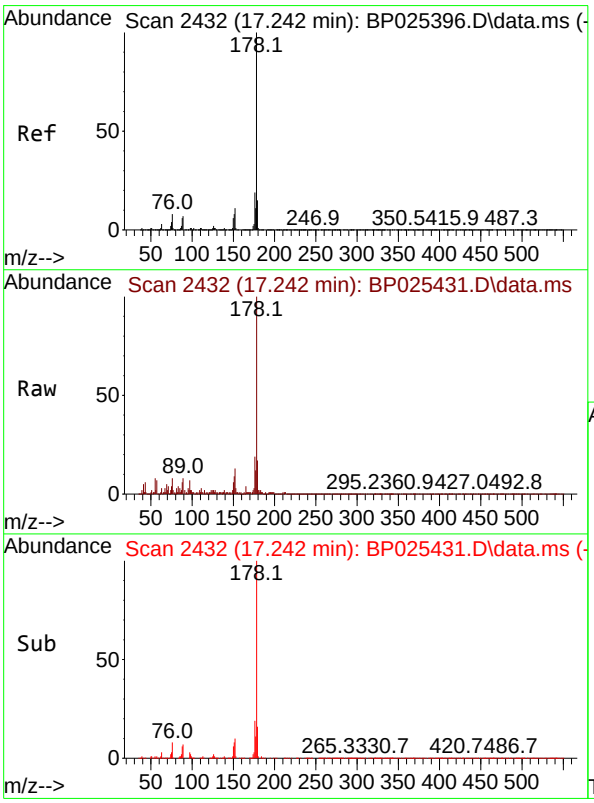
#66
n-Nitrosodiphenylamine
Concen: 10.969 ng
RT: 15.690 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:169 Resp: 239794

Ion	Ratio	Lower	Upper
169	100		
168	21.4	53.2	79.8#
167	13.4	28.7	43.1#

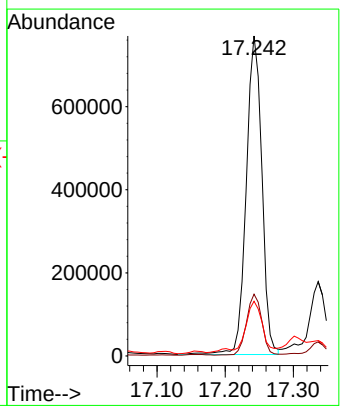


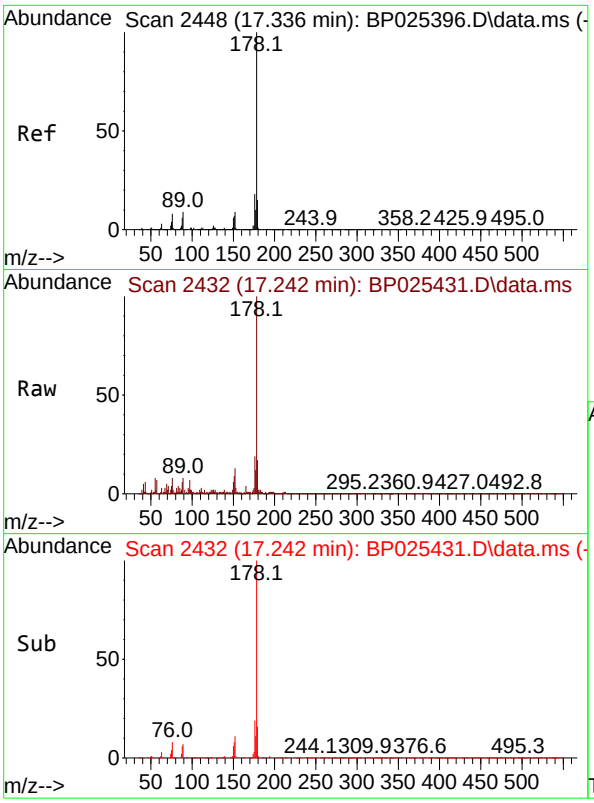


#71
Phenanthrene
Concen: 30.866 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:178 Resp: 1215600

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	17.1	12.2	18.4



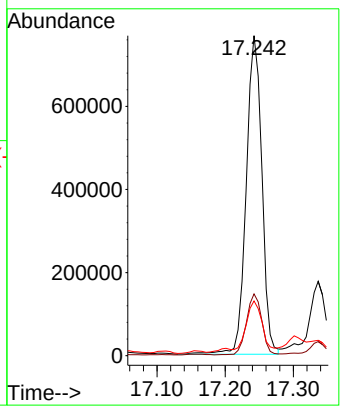


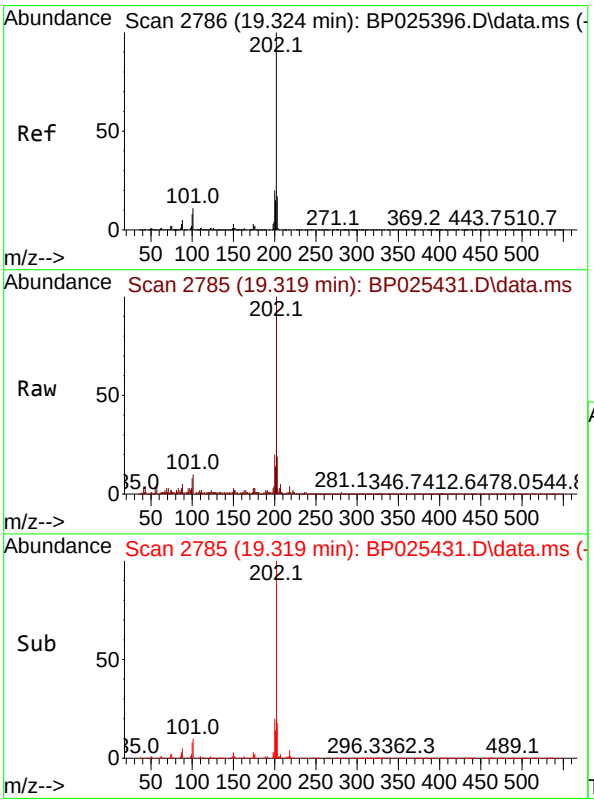
#72
Anthracene
Concen: 30.225 ng
RT: 17.242 min Scan# 24
Delta R.T. -0.094 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:178 Resp: 1215600

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.7	22.1
179	17.1	12.2	18.2

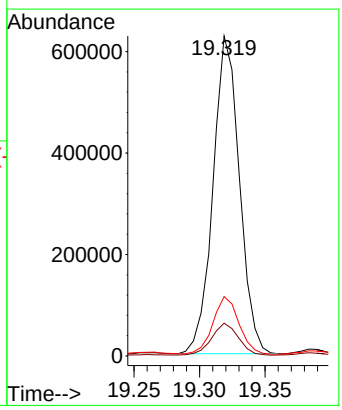


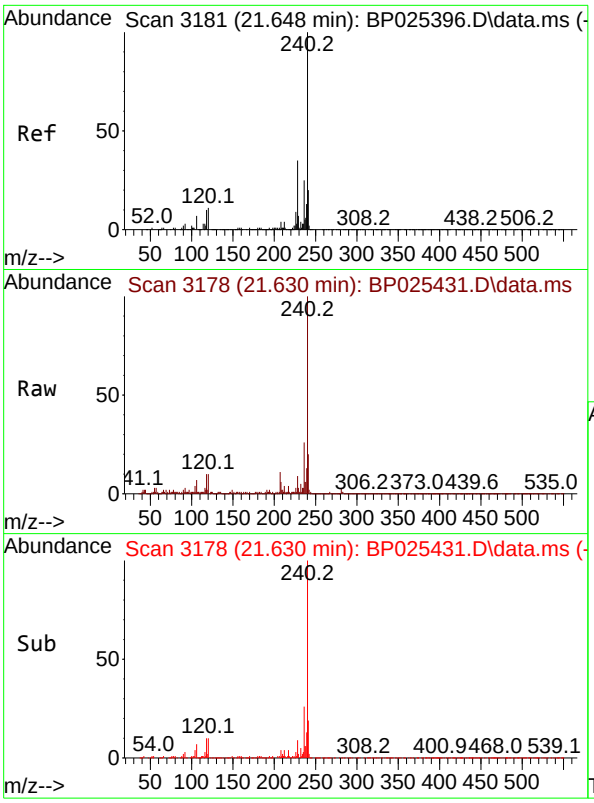


#75
Fluoranthene
Concen: 18.685 ng
RT: 19.319 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:202 Resp: 877784

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.1
203	18.6	0.0	37.3



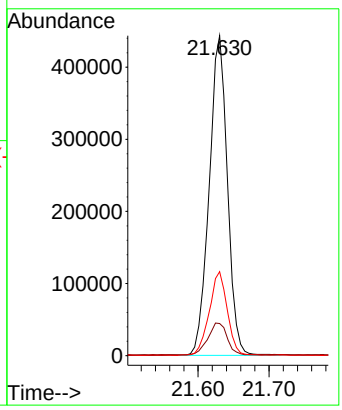


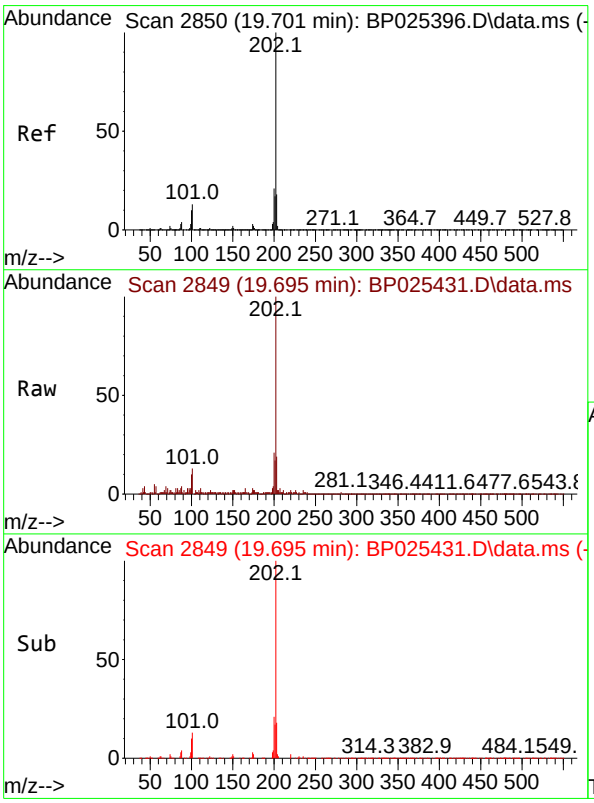
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:240 Resp: 788413

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	26.2	19.8	29.8

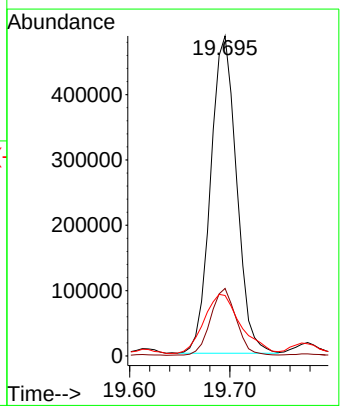


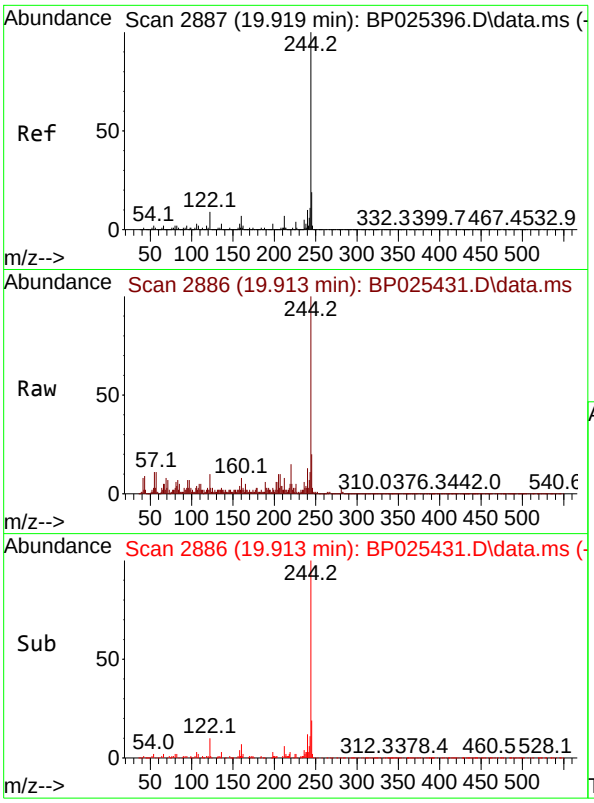


#78
Pyrene
Concen: 17.042 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:202 Resp: 873293

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.9	14.2	21.2



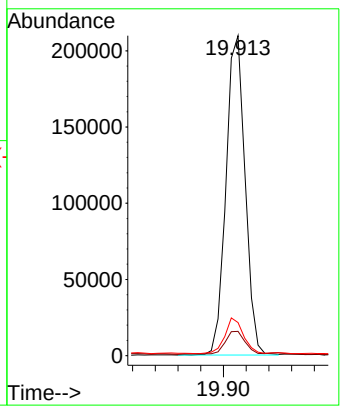


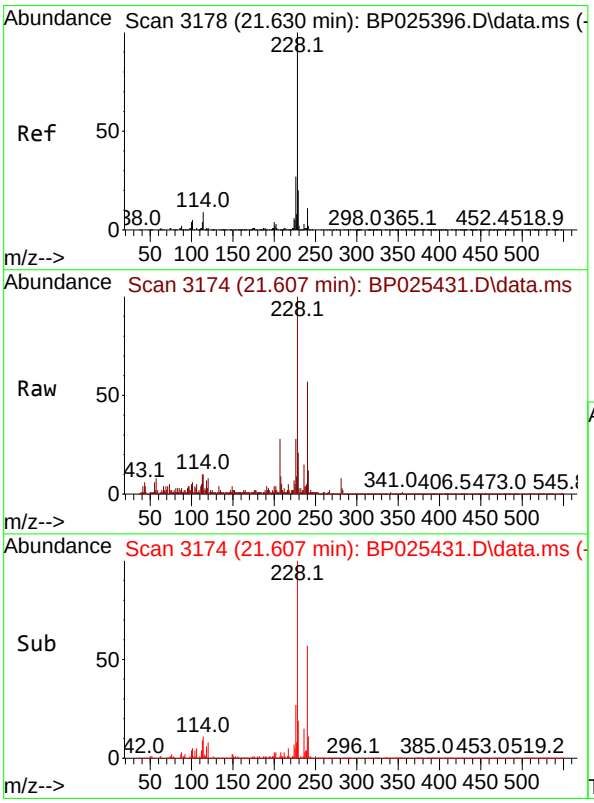
#79
Terphenyl-d14
Concen: 5.685 ng
RT: 19.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:244 Resp: 244969

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	10.3	7.4	11.2

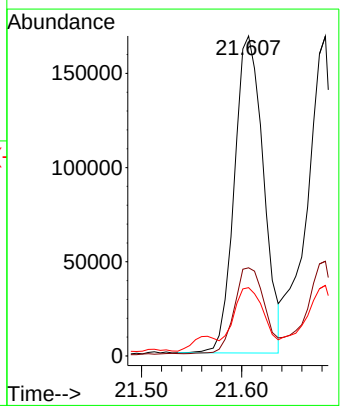


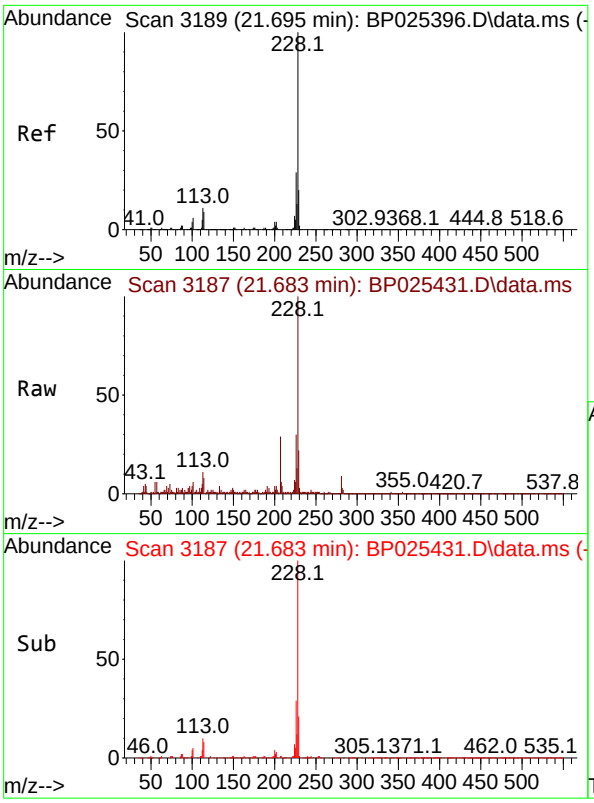


#81
Benzo(a)anthracene
Concen: 6.519 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.023 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:228 Resp: 338938

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.7	32.5
229	21.3	15.6	23.4



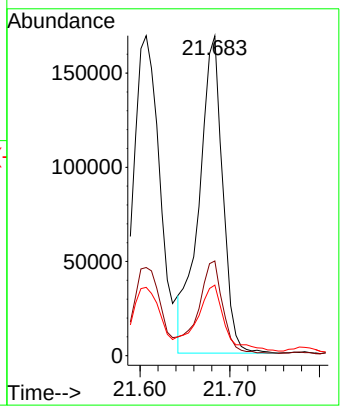


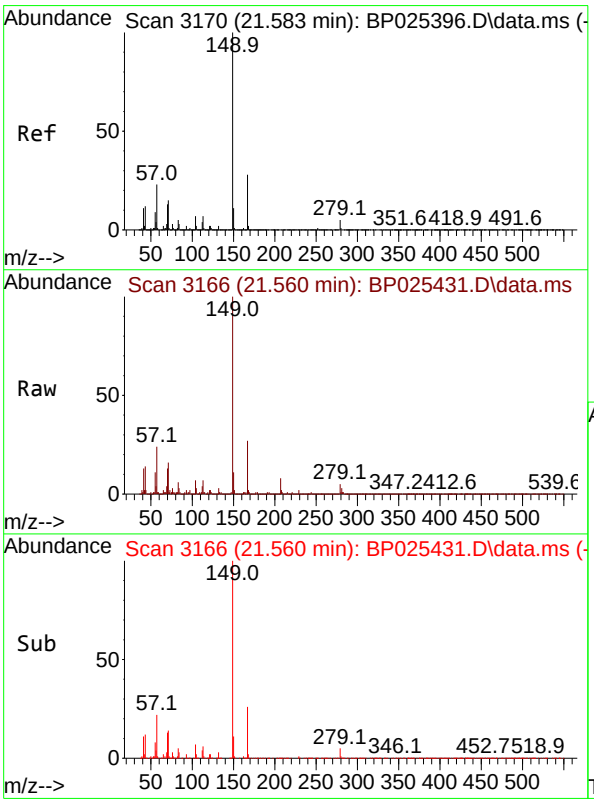
#83
Chrysene
Concen: 6.362 ng
RT: 21.683 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:228 Resp: 309802

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	22.1	15.6	23.4

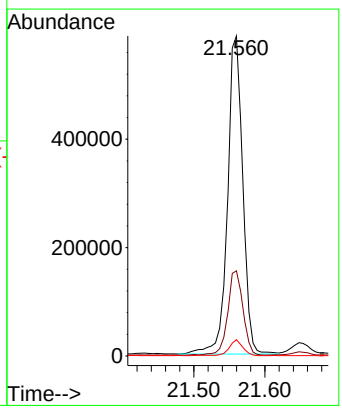


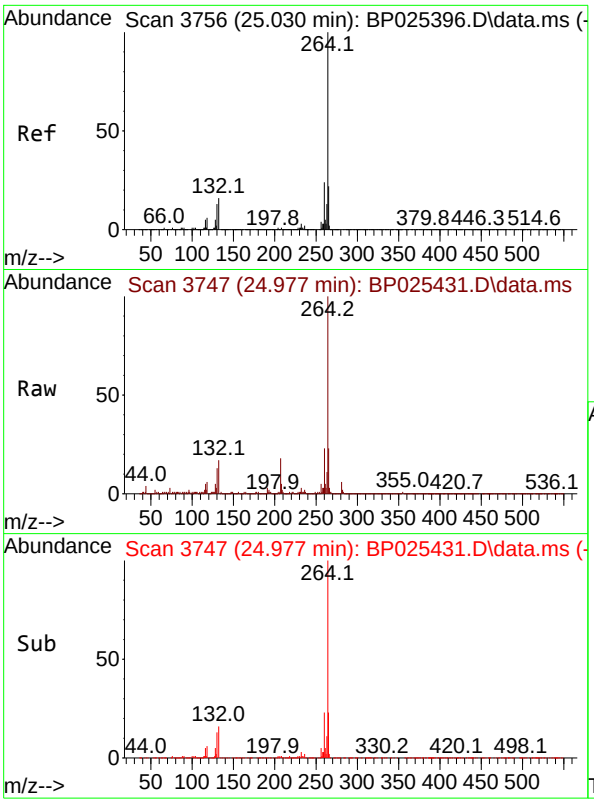


#84
Bis(2-ethylhexyl)phthalate
Concen: 25.571 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.023 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:149 Resp: 874200

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.1	33.1
279	5.1	3.8	5.6



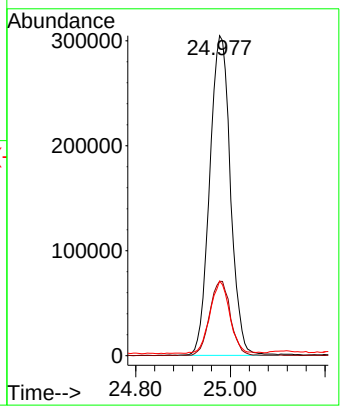


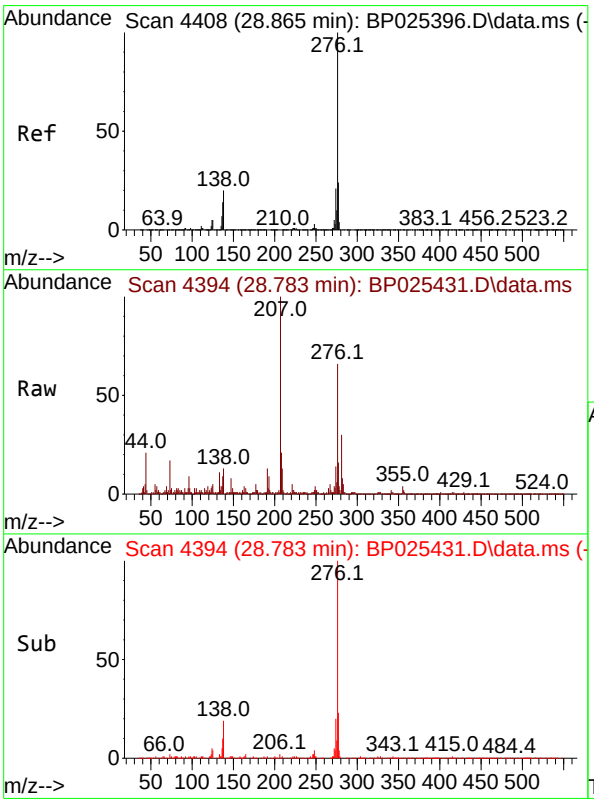
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.977 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:264 Resp: 924452

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	23.3	17.4	26.0

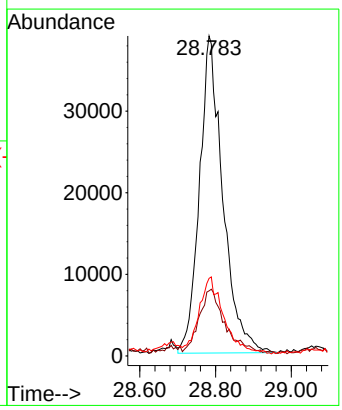


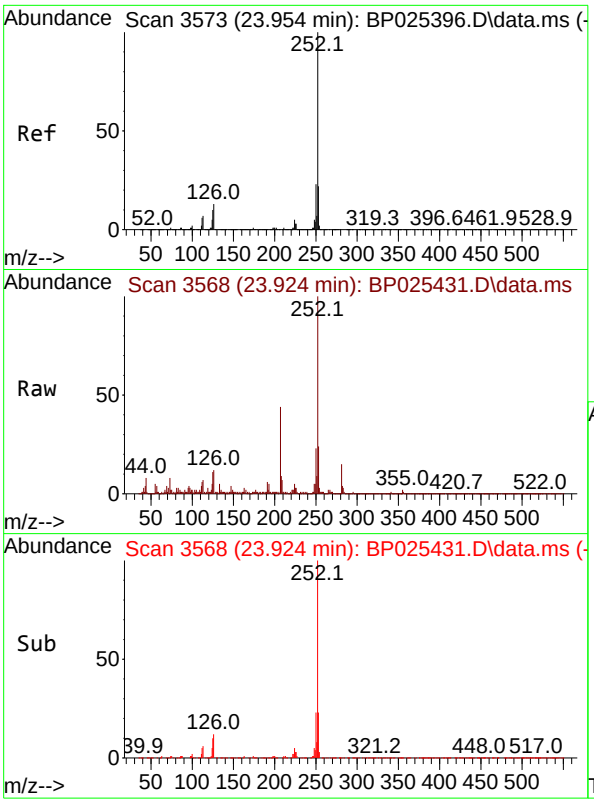


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.451 ng
RT: 28.783 min Scan# 4394
Delta R.T. -0.082 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:276 Resp: 166185

Ion	Ratio	Lower	Upper
276	100		
138	21.2	12.9	19.3#
277	25.9	17.0	25.6#



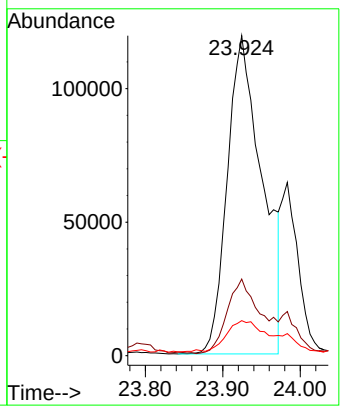


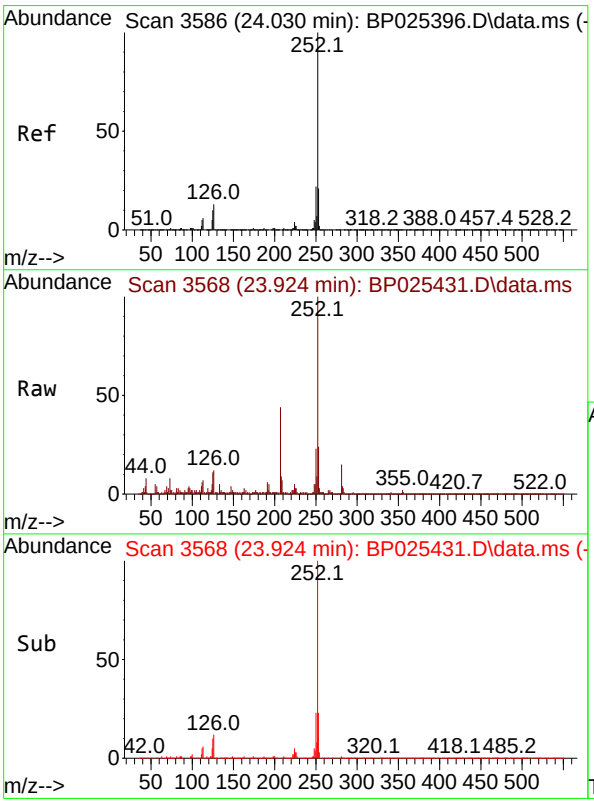
#88
Benzo(b)fluoranthene
Concen: 6.867 ng
RT: 23.924 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:252 Resp: 374356

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	10.9	7.9	11.9

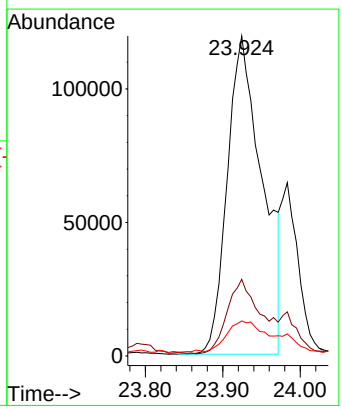


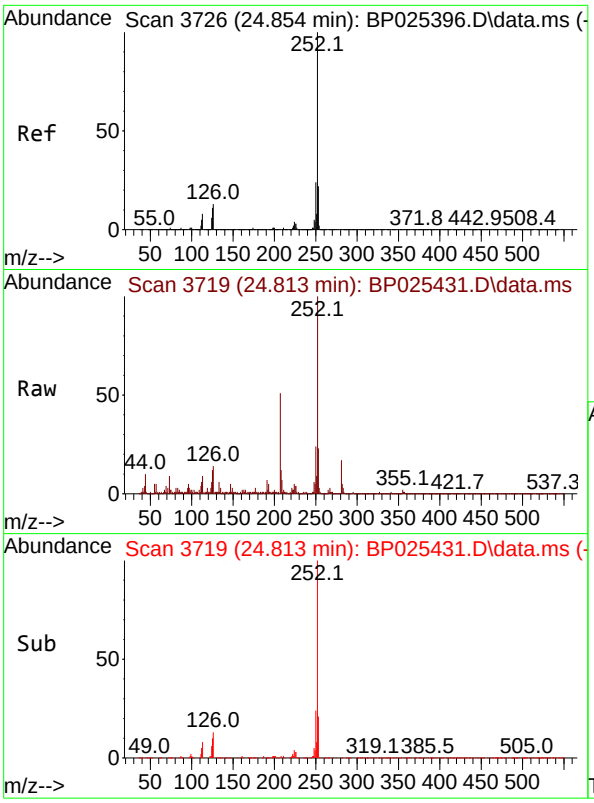


#89
Benzo(k)fluoranthene
Concen: 6.863 ng
RT: 23.924 min Scan# 3568
Delta R.T. -0.106 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:252 Resp: 374356

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	10.9	7.8	11.6



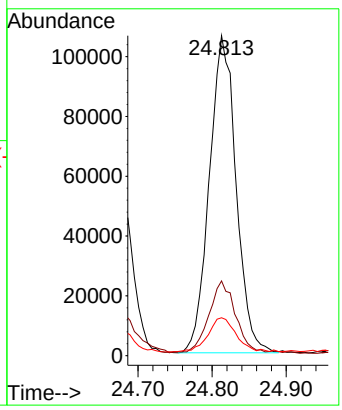


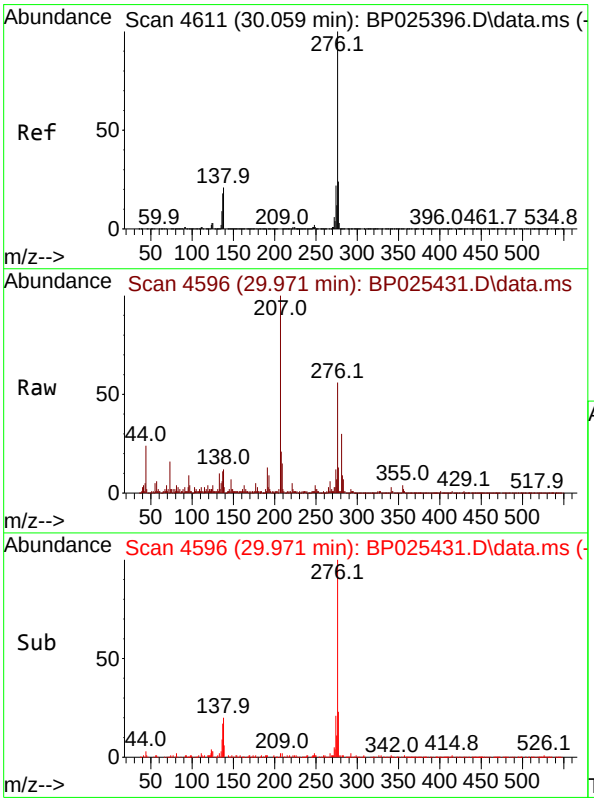
#90
Benzo(a)pyrene
Concen: 5.008 ng
RT: 24.813 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Instrument :
BNA_P
ClientSampleId :
TP-9DL

Tgt Ion:252 Resp: 265729

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	11.8	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 3.006 ng
RT: 29.971 min Scan# 4596
Delta R.T. -0.088 min
Lab File: BP025431.D
Acq: 15 Aug 2025 17:35

Tgt Ion:276 Resp: 163716

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	27.2	16.7	25.1#