Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026234.D
Acq On : 03 Dec 2025 19:43
Operator : RC/JU
Sample : Q3753-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Quant Time: Dec 04 00:05:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.661	152	309190	20.000	ng		-0.01
21) Naphthalene-d8	10.419	136	1111564	20.000	ng		-0.03
39) Acenaphthene-d10	14.295	164	591827	20.000	ng		-0.03
64) Phenanthrene-d10	17.107	188	1013215	20.000	ng		#-0.02
76) Chrysene-d12	21.542	240	1371417	20.000	ng		-0.03
86) Perylene-d12	24.824	264	1647362	20.000	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	1410953	73.246	ng		0.00
7) Phenol-d6	6.843	99	1690136	68.919	ng		-0.01
23) Nitrobenzene-d5	8.796	82	1004228	51.317	ng		-0.02
42) 2,4,6-Tribromophenol	15.813	330	635737	82.806	ng		-0.02
45) 2-Fluorobiphenyl	12.890	172	2325727	57.594	ng		-0.04
79) Terphenyl-d14	19.842	244	3481594	51.765	ng		-0.03
Target Compounds							Qvalue
27) 2,4-Dimethylphenol	9.690	122	112321	6.219	ng	#	5
32) Benzoic acid	9.690	122	112321	7.385	ng		95
51) 2,6-Dinitrotoluene	13.848	165	97977	11.186	ng	#	32
53) 3-Nitroaniline	14.207	138	55805	5.411	ng	#	22
56) 4-Nitrophenol	14.443	139	29019	3.110	ng	#	1
62) 4-Nitroaniline	15.213	138	109326	10.209	ng		84
63) Azobenzene	15.678	77	160406	4.272	ng	#	27
66) n-Nitrosodiphenylamine	15.613	169	90729	2.895	ng	#	73
71) Phenanthrene	17.148	178	159774	2.799	ng	#	1
75) Fluoranthene	19.248	202	291967	4.210	ng	#	62
78) Pyrene	19.625	202	257921	2.868	ng	#	64
83) Chrysene	21.589	228	180142	2.029	ng	#	91
88) Benzo(b)fluoranthene	23.783	252	260524	2.597	ng	#	80

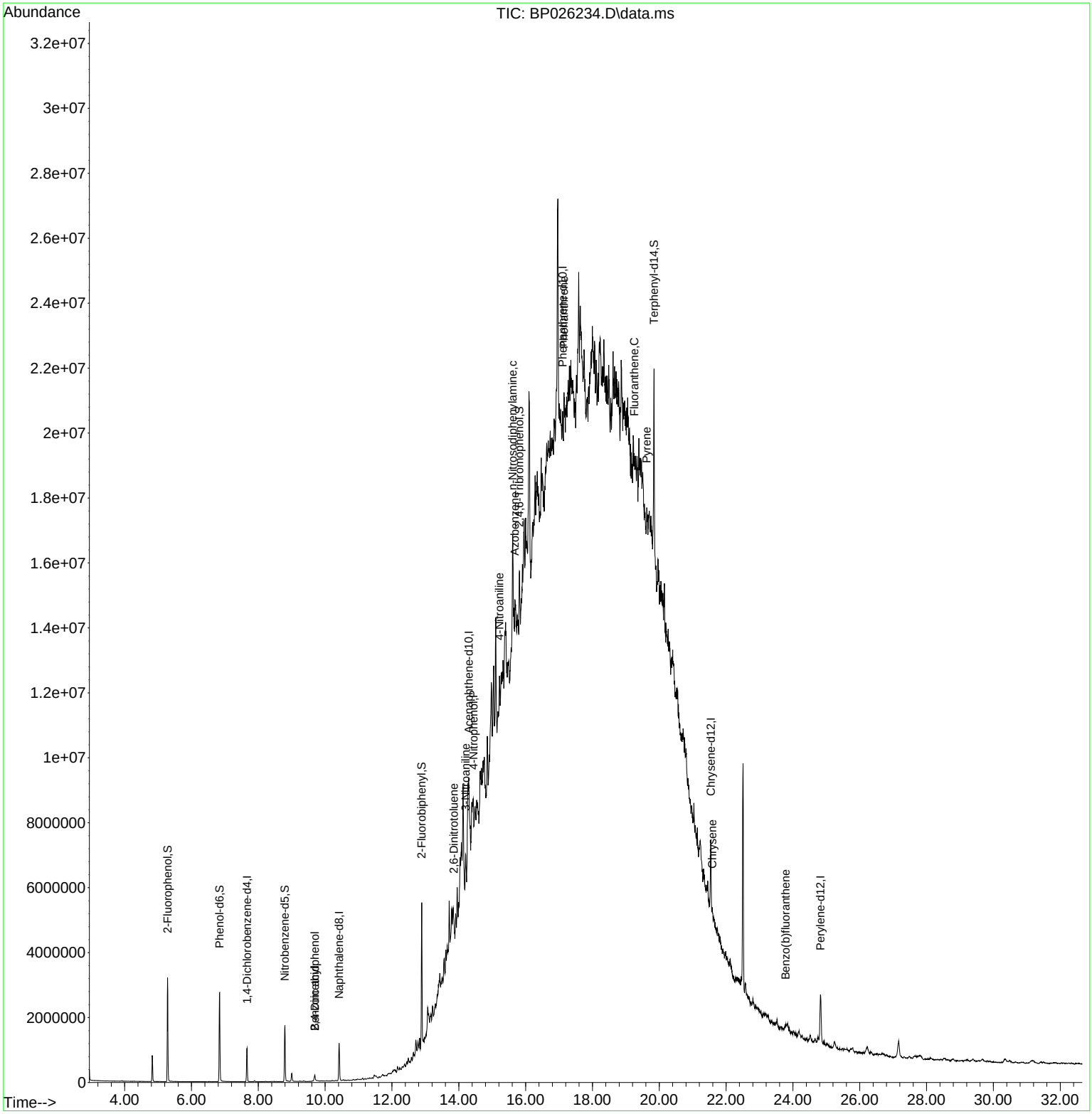
(#) = qualifier out of range (m) = manual integration (+) = signals summed

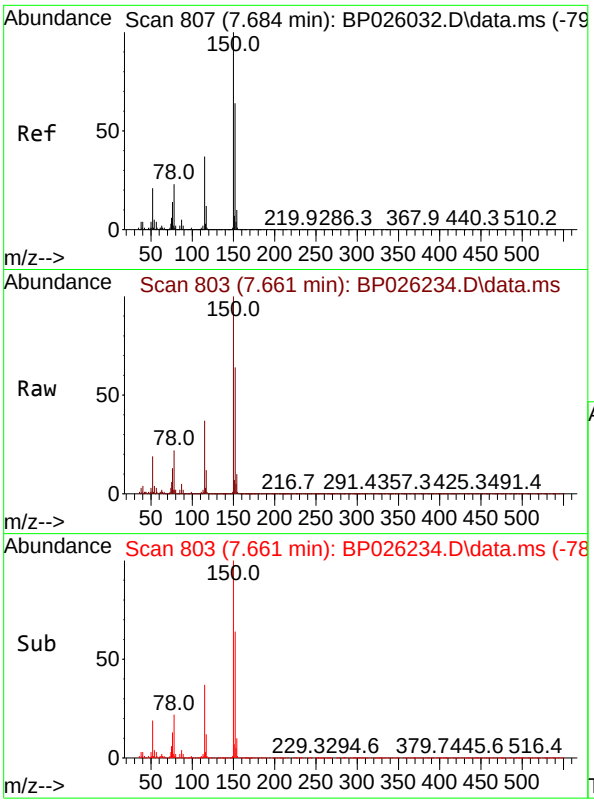
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026234.D
Acq On : 03 Dec 2025 19:43
Operator : RC/JU
Sample : Q3753-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Quant Time: Dec 04 00:05:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



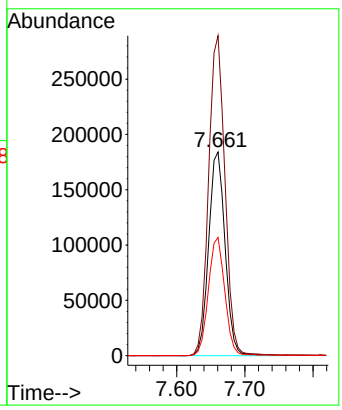


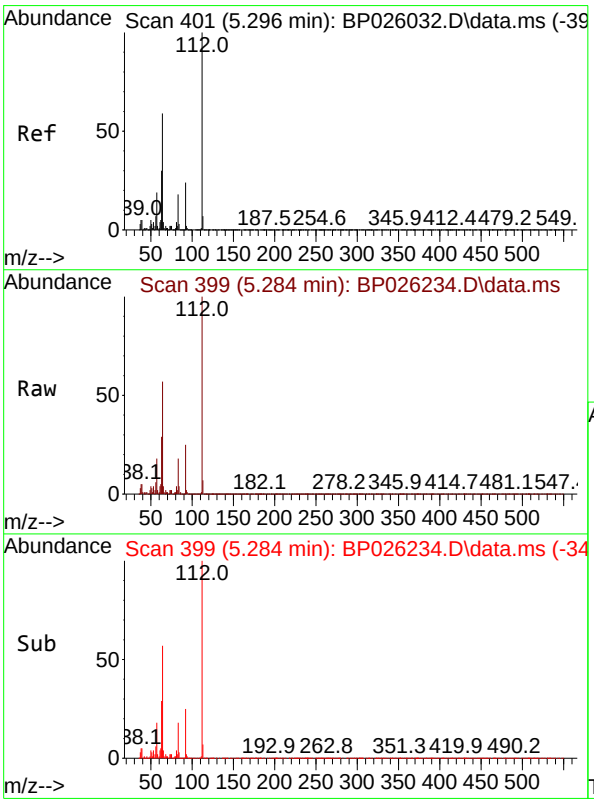
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 8
Delta R.T. -0.011 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion:152 Resp: 309190

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.0	184.6
115	58.1	46.3	69.5

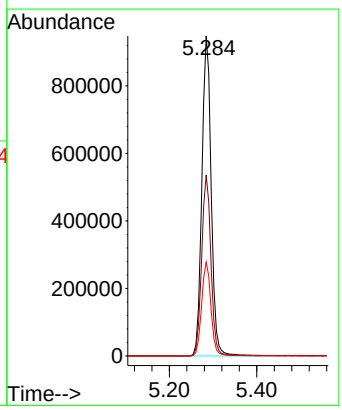


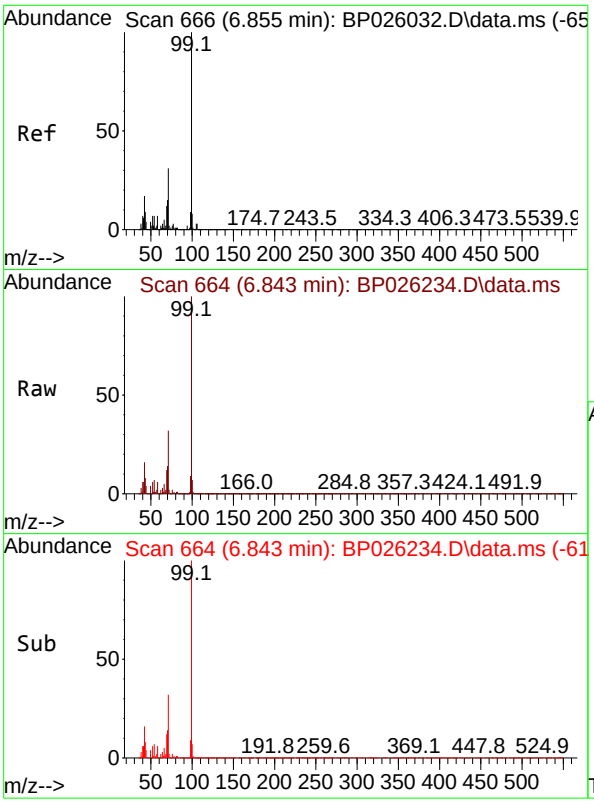


#5
2-Fluorophenol
Concen: 73.246 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:112 Resp: 1410953

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.8	68.6
63	29.4	23.5	35.3



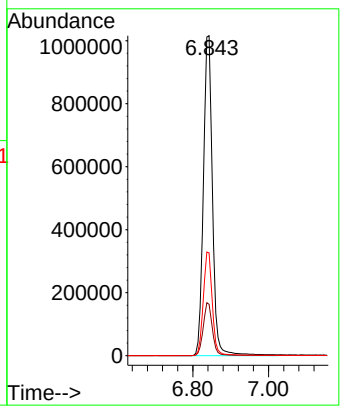


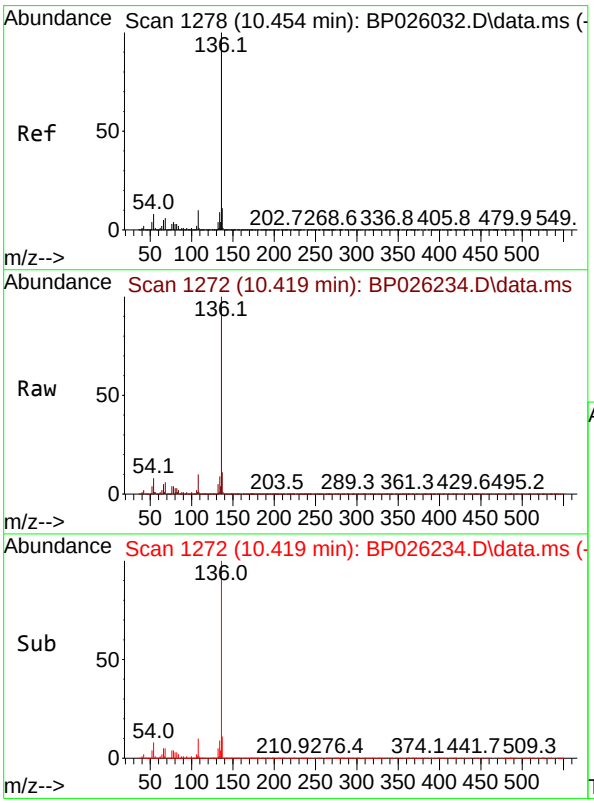
#7
Phenol-d6
Concen: 68.919 ng
RT: 6.843 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion: 99 Resp: 1690136

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.9	19.3
71	32.1	24.8	37.2

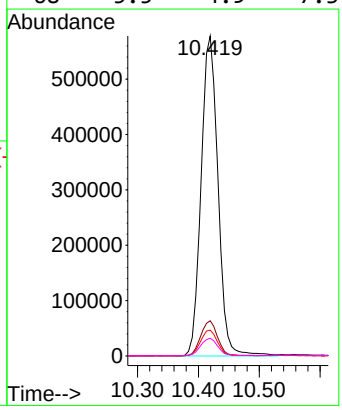


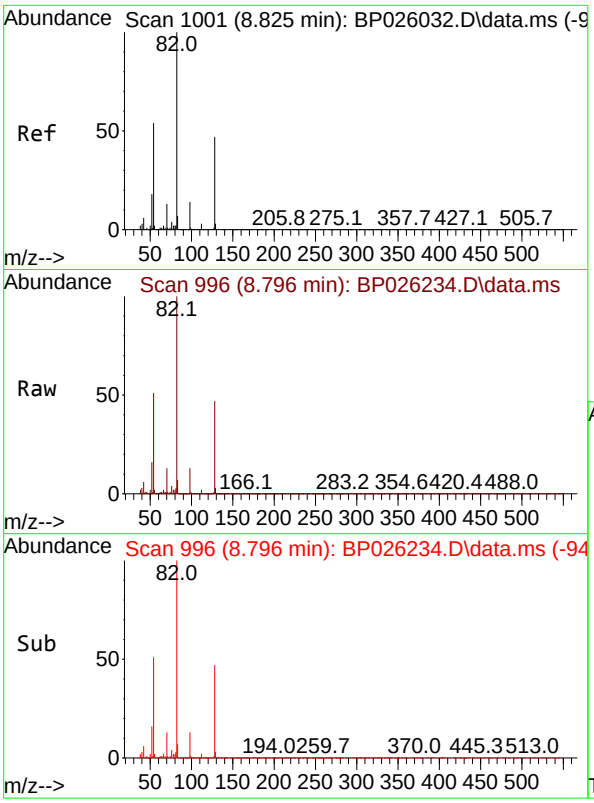


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.029 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:136 Resp: 1111564

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.0	6.4	9.6
68	5.5	4.9	7.3



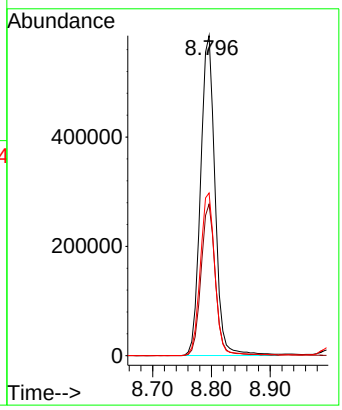


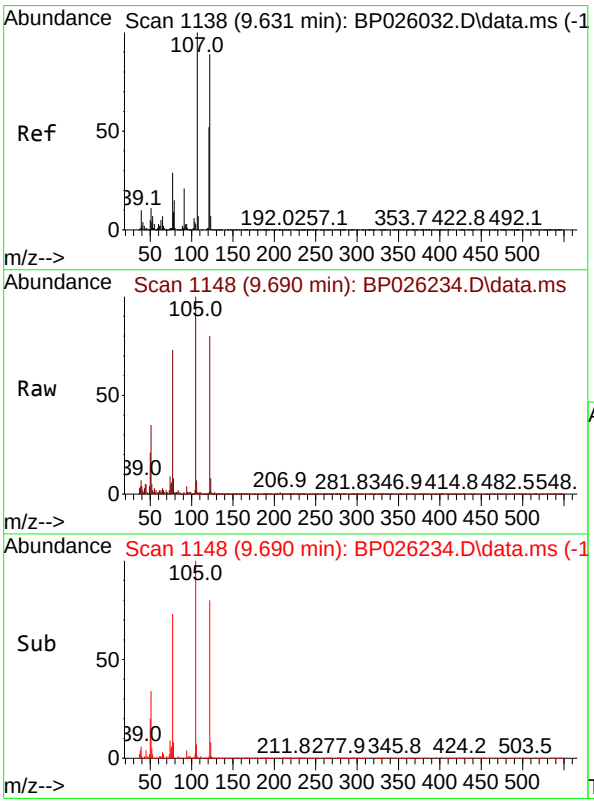
#23
Nitrobenzene-d5
Concen: 51.317 ng
RT: 8.796 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion: 82 Resp: 1004228

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	50.9	41.6	62.4

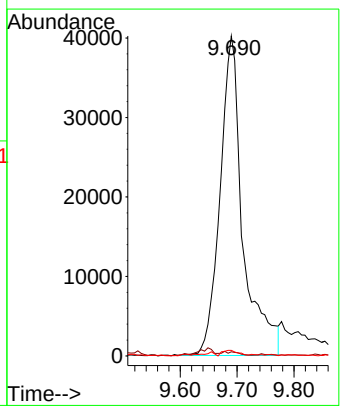


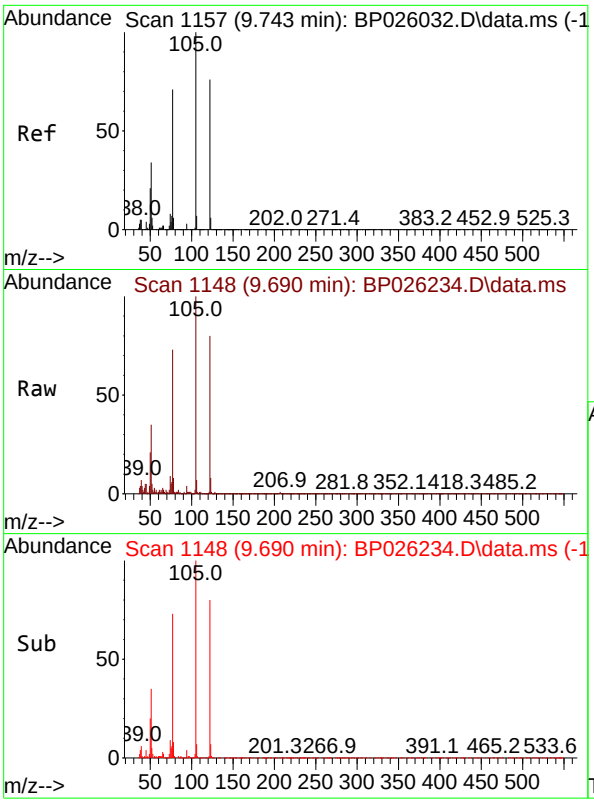


#27
2,4-Dimethylphenol
Concen: 6.219 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.065 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:122 Resp: 112321

Ion	Ratio	Lower	Upper
122	100		
107	1.3	91.0	136.6#
121	1.8	47.0	70.6#



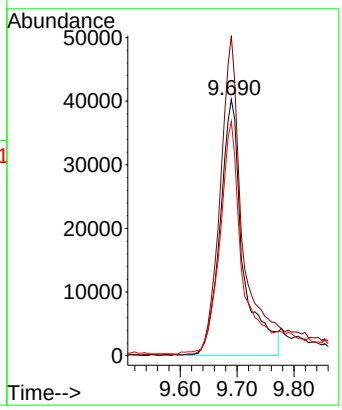


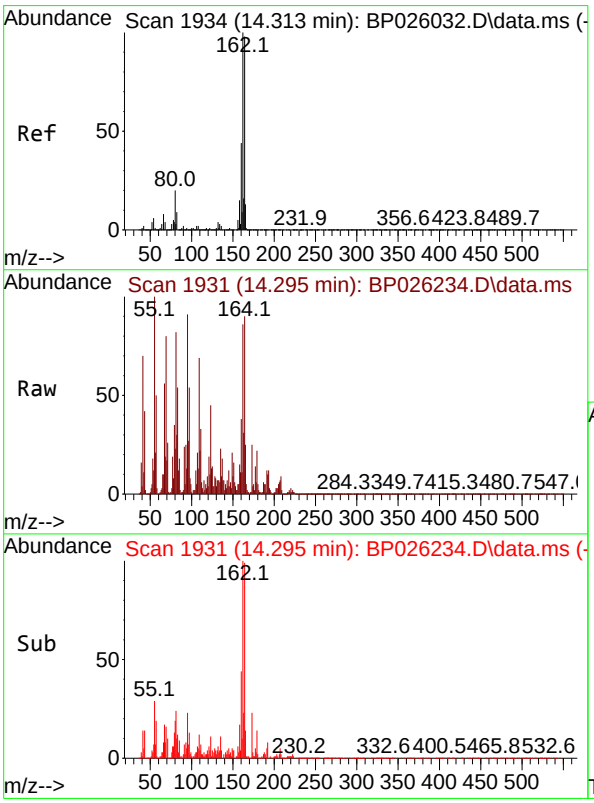
#32
Benzoic acid
Concen: 7.385 ng
RT: 9.690 min Scan# 11
Delta R.T. -0.076 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion:122 Resp: 112321

Ion	Ratio	Lower	Upper
122	100		
105	124.9	100.1	140.1
77	91.5	66.7	106.7

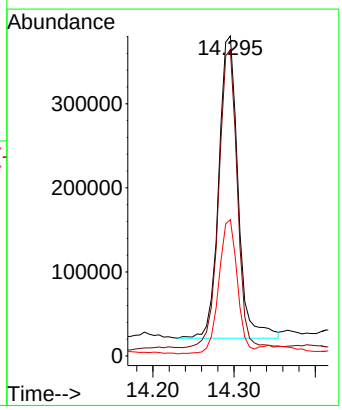


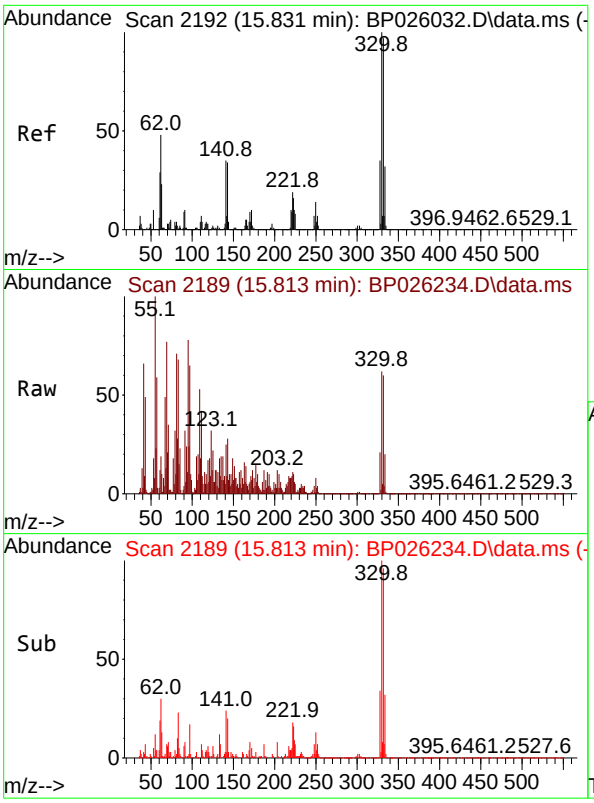


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.029 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:164 Resp: 591827

Ion	Ratio	Lower	Upper
164	100		
162	95.7	80.3	120.5
160	42.6	35.2	52.8



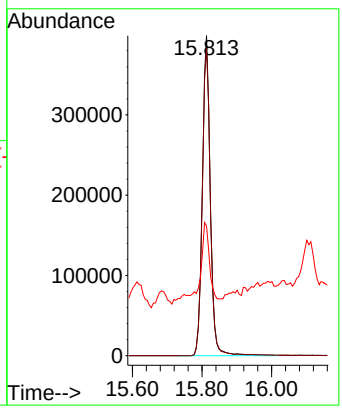


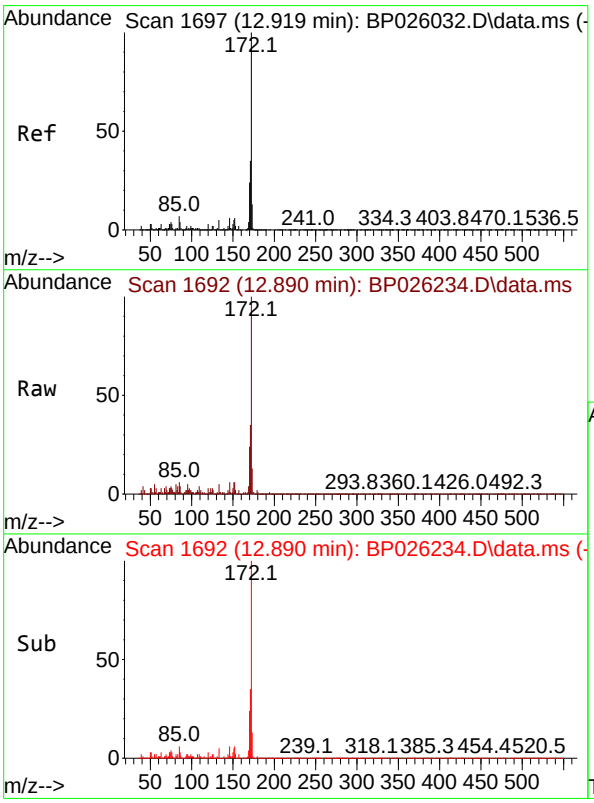
#42
2,4,6-Tribromophenol
Concen: 82.806 ng
RT: 15.813 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion:330 Resp: 635737

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	23.1	26.8	40.2#

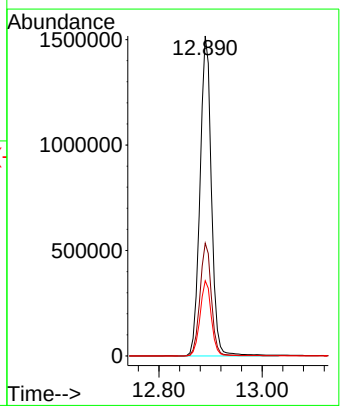


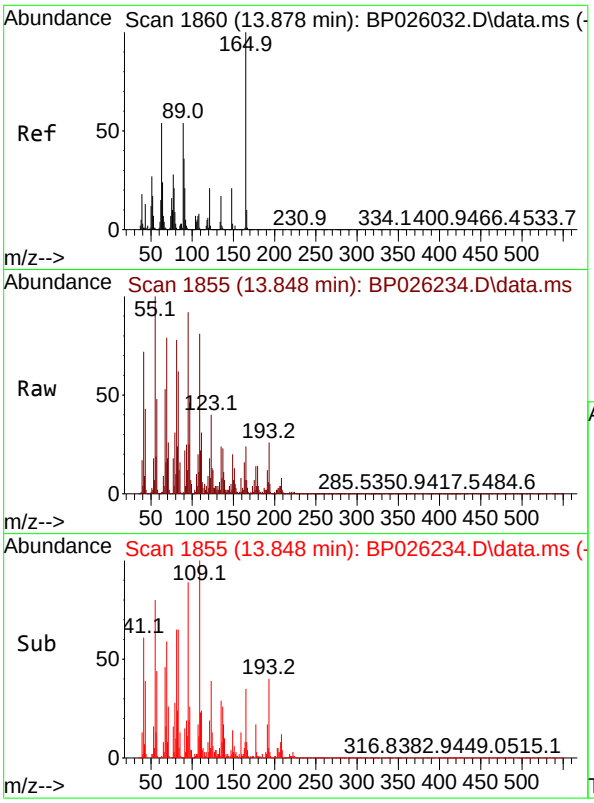


#45
2-Fluorobiphenyl
Concen: 57.594 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.041 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:172 Resp: 2325727

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.5	18.7	28.1



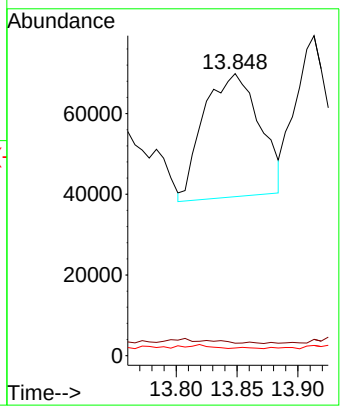


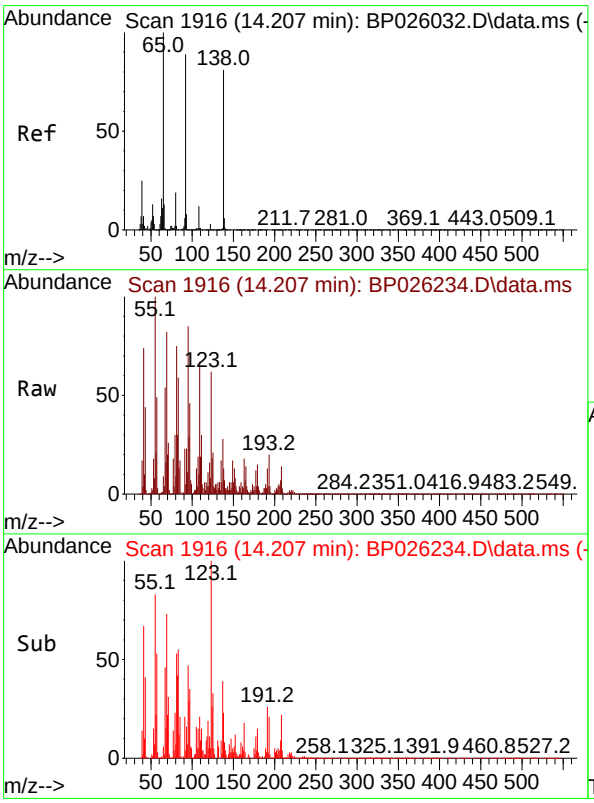
#51
2,6-Dinitrotoluene
Concen: 11.186 ng
RT: 13.848 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion:165 Resp: 97977

Ion	Ratio	Lower	Upper
165	100		
63	4.4	40.5	60.7#
89	2.7	41.3	61.9#

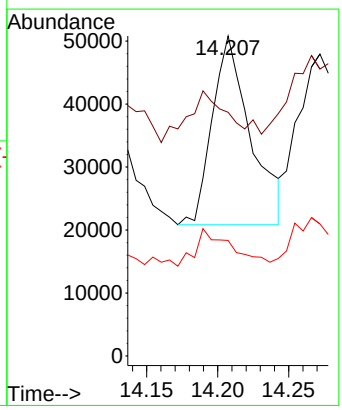


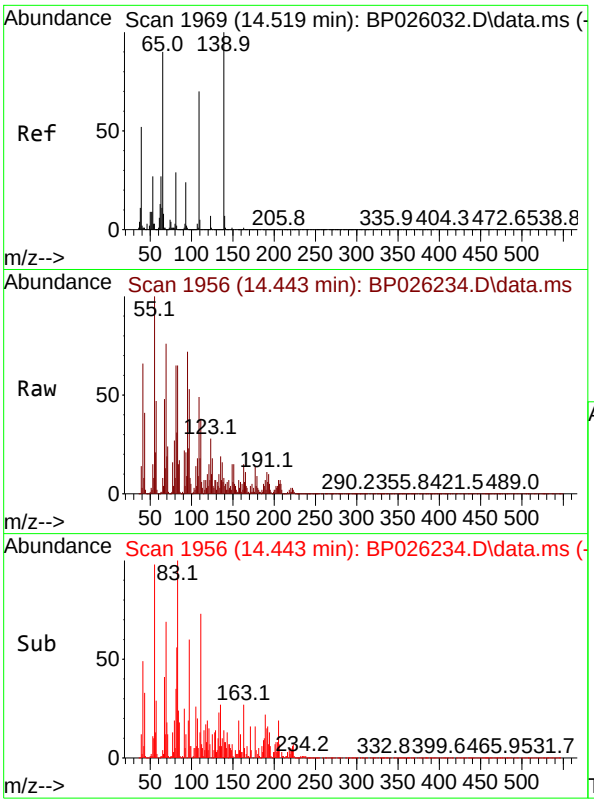


#53
3-Nitroaniline
Concen: 5.411 ng
RT: 14.207 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:138 Resp: 55805

Ion	Ratio	Lower	Upper
138	100		
108	76.1	8.9	13.3#
92	36.1	86.3	129.5#



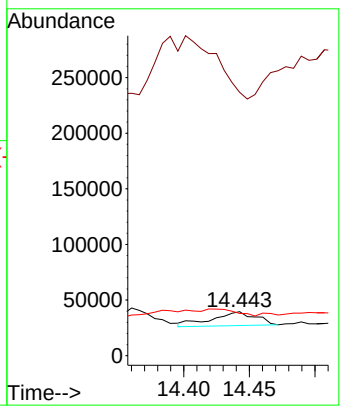


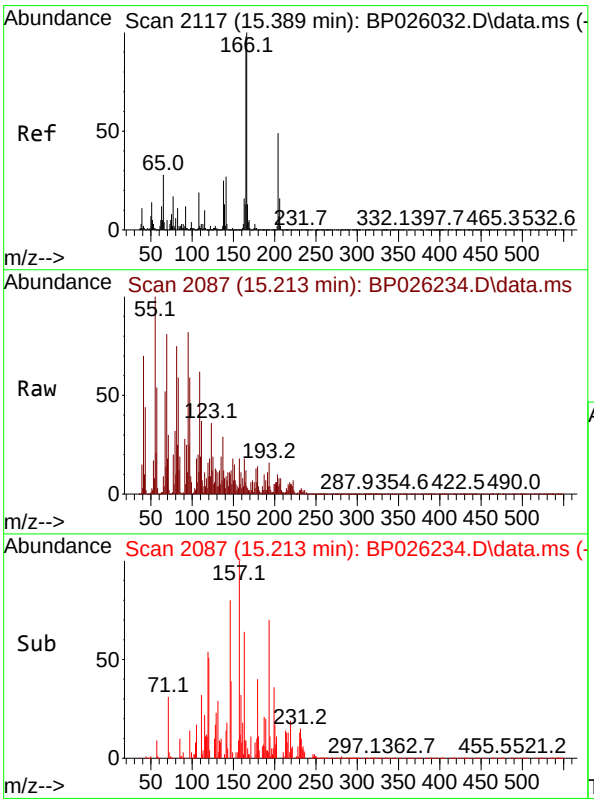
#56
4-Nitrophenol
Concen: 3.110 ng
RT: 14.443 min Scan# 1
Delta R.T. -0.100 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion:139 Resp: 29019

Ion	Ratio	Lower	Upper
139	100		
109	598.3	46.8	86.8#
65	96.1	69.3	109.3

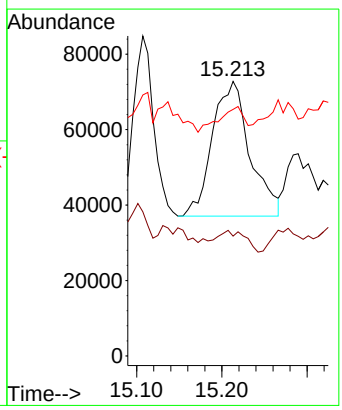


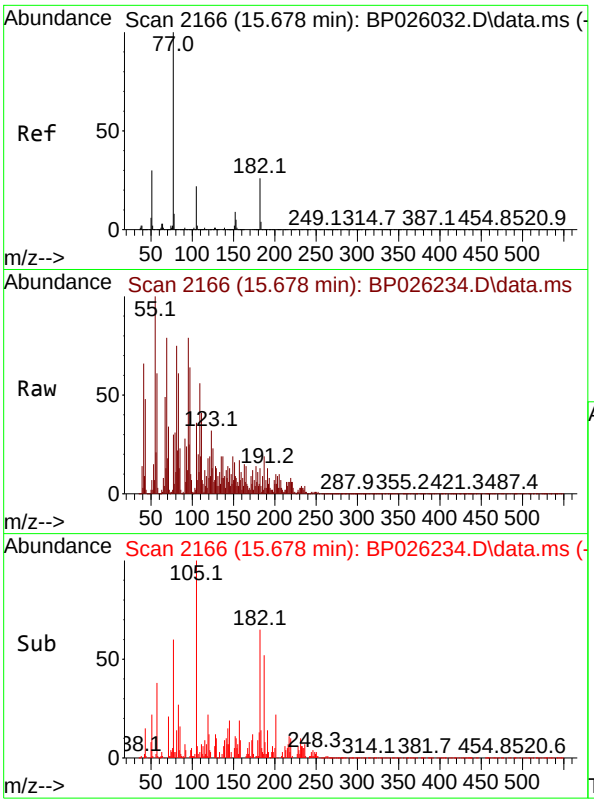


#62
4-Nitroaniline
Concen: 10.209 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.188 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:138 Resp: 109326

Ion	Ratio	Lower	Upper
138	100		
92	43.6	27.5	67.5
108	89.8	51.1	91.1



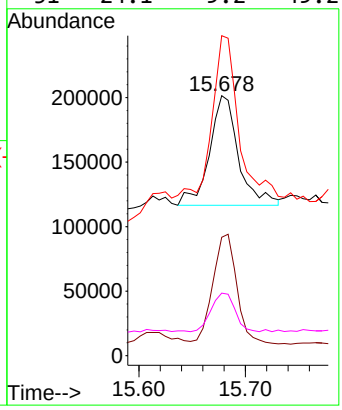


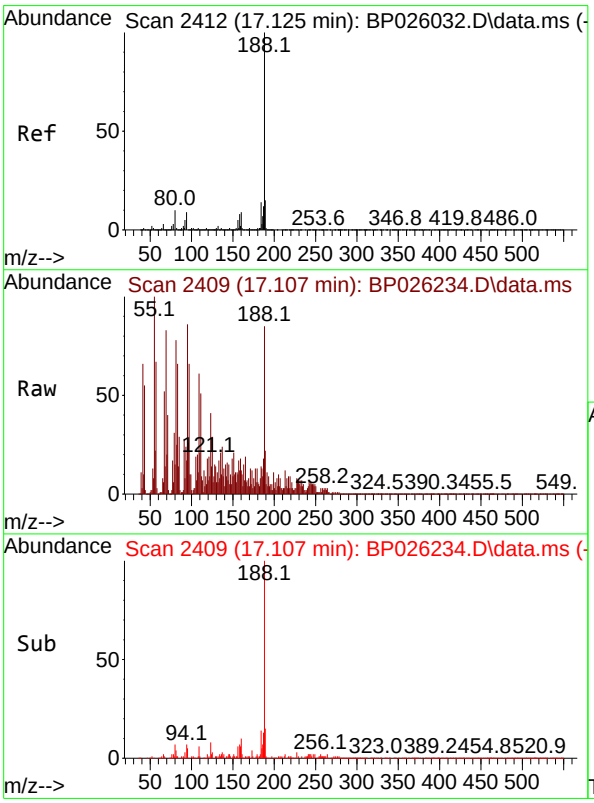
#63
Azobenzene
Concen: 4.272 ng
RT: 15.678 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion: 77 Resp: 160406

Ion	Ratio	Lower	Upper
77	100		
182	45.5	8.8	48.8
105	123.1	2.6	42.6#
51	24.1	9.2	49.2

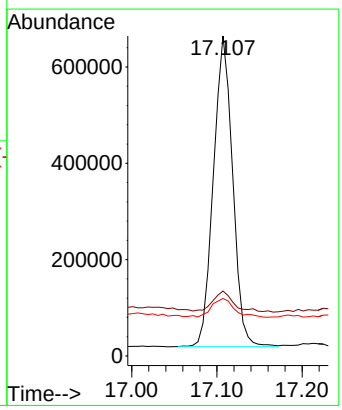


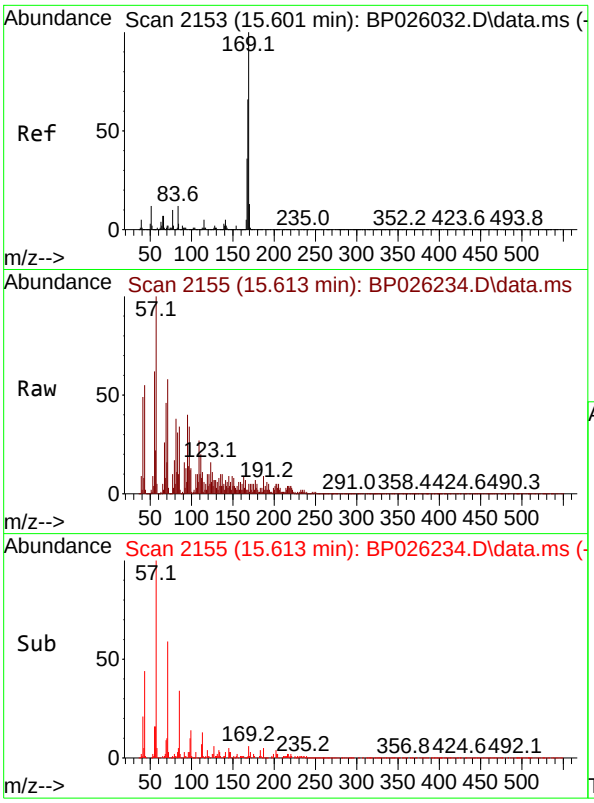


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.107 min Scan# 2409
Delta R.T. -0.023 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:188 Resp: 1013215

Ion	Ratio	Lower	Upper
188	100		
94	20.3	7.8	11.6#
80	18.0	8.2	12.2#



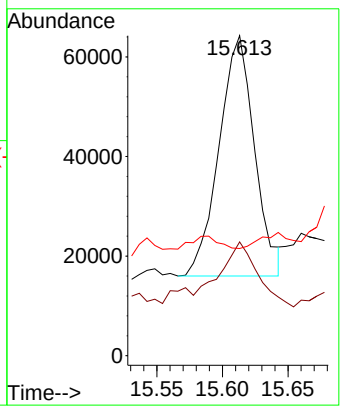


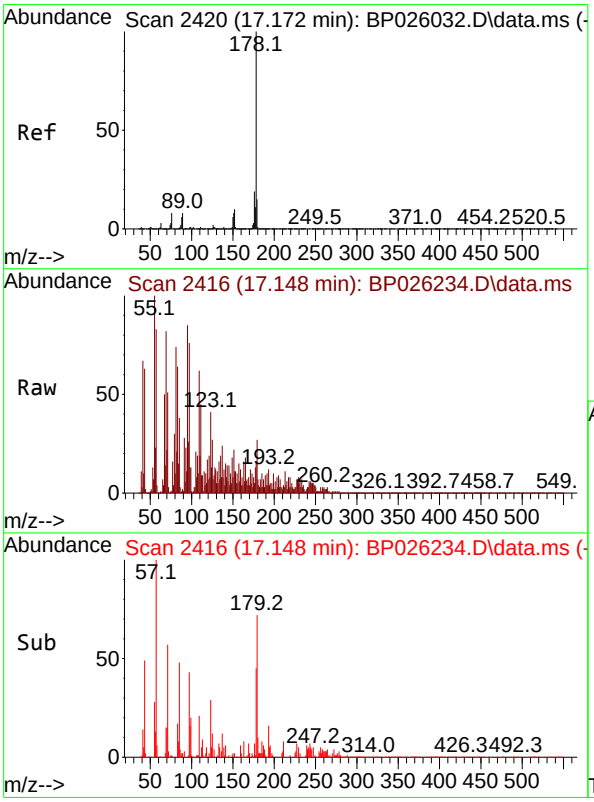
#66
n-Nitrosodiphenylamine
Concen: 2.895 ng
RT: 15.613 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion:169 Resp: 90729

Ion	Ratio	Lower	Upper
169	100		
168	35.5	53.1	79.7#
167	33.5	28.9	43.3

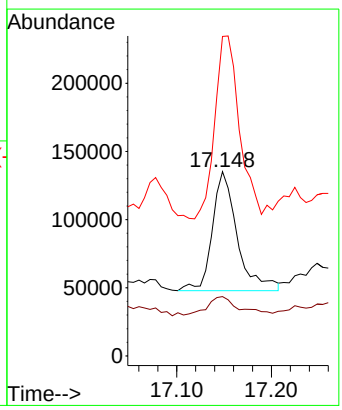


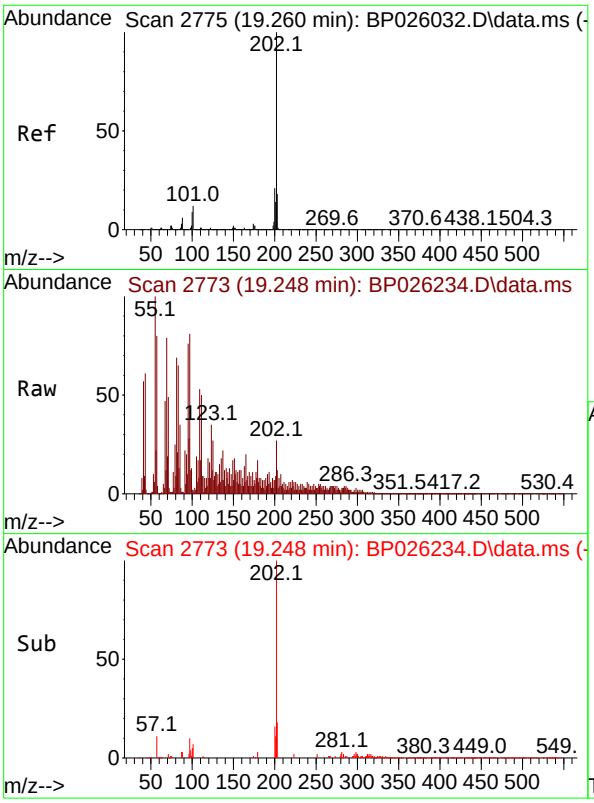


#71
Phenanthrene
Concen: 2.799 ng
RT: 17.148 min Scan# 2416
Delta R.T. -0.029 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:178 Resp: 159774

Ion	Ratio	Lower	Upper
178	100		
176	32.2	15.4	23.2#
179	173.4	12.4	18.6#



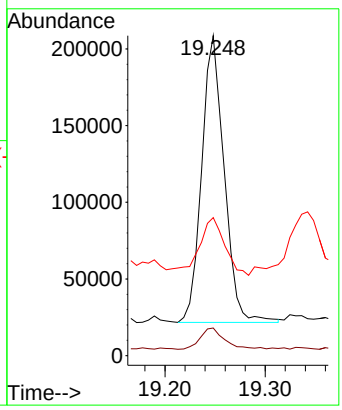


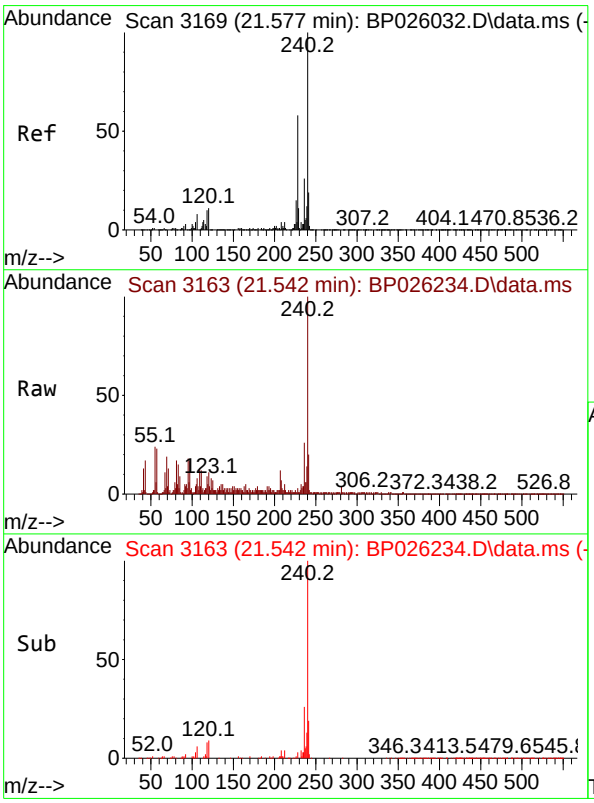
#75
Fluoranthene
Concen: 4.210 ng
RT: 19.248 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion:202 Resp: 291967

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	31.2
203	43.2	0.0	37.7#

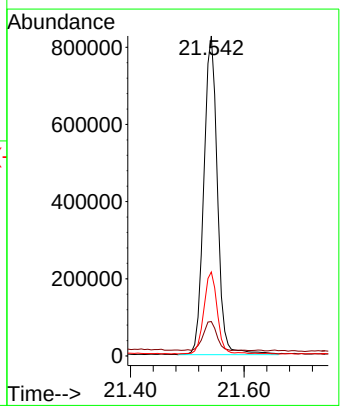


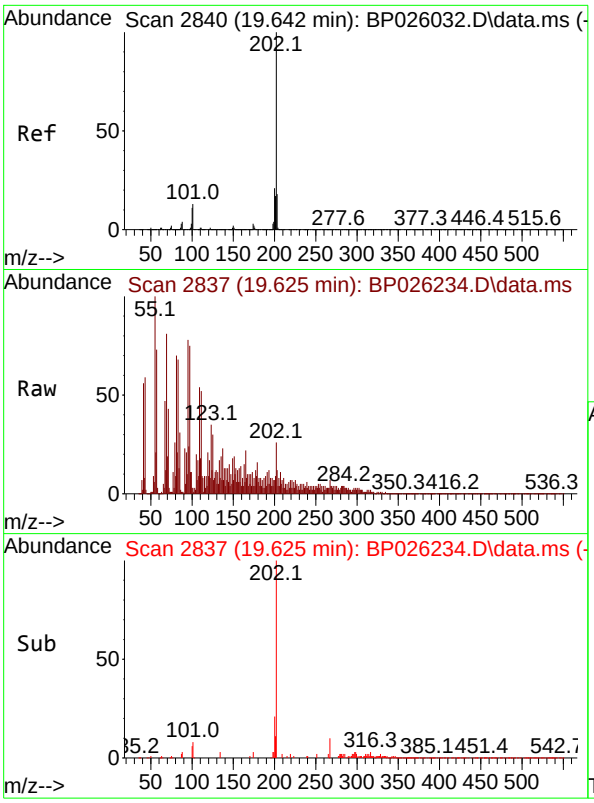


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.029 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:240 Resp: 1371417

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.4
236	26.3	20.4	30.6



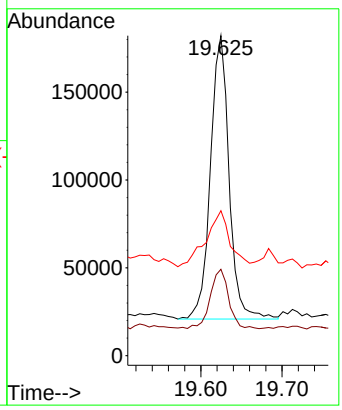


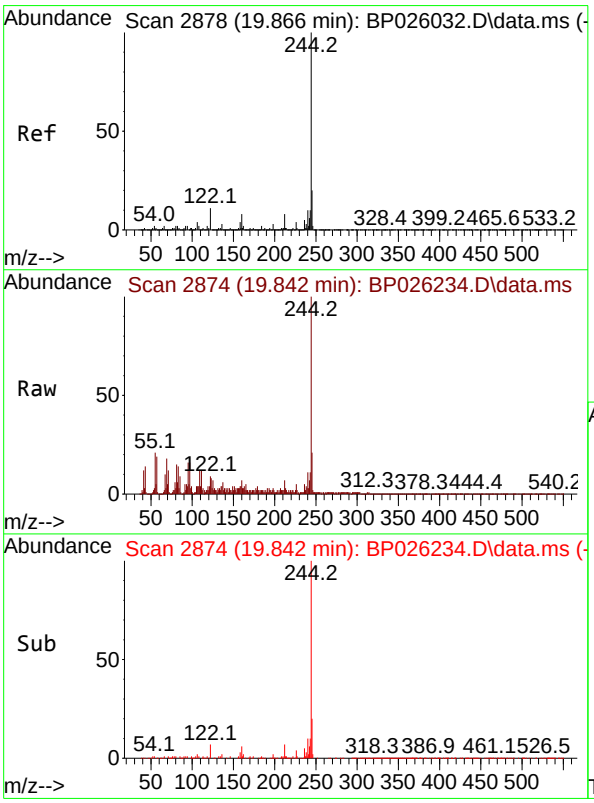
#78
Pyrene
Concen: 2.868 ng
RT: 19.625 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion:202 Resp: 257921

Ion	Ratio	Lower	Upper
202	100		
200	27.0	16.9	25.3#
203	45.3	13.8	20.8#

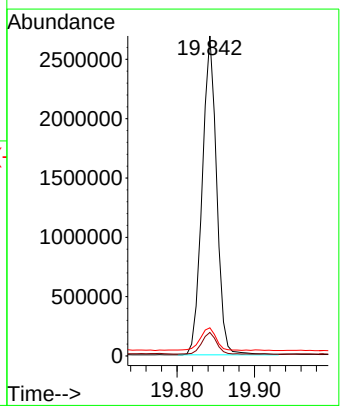


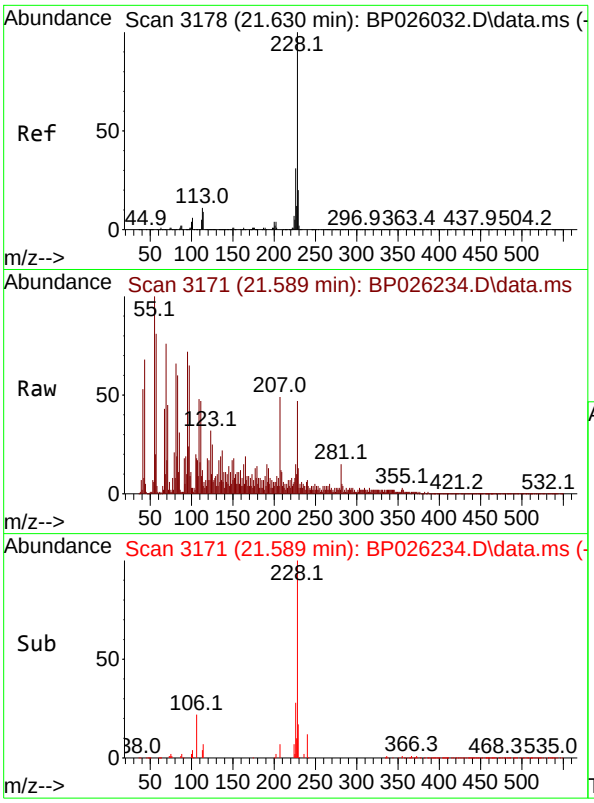


#79
Terphenyl-d14
Concen: 51.765 ng
RT: 19.842 min Scan# 2874
Delta R.T. -0.029 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:244 Resp: 3481594

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	8.8	8.2	12.2



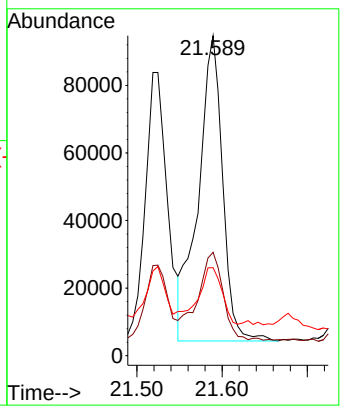


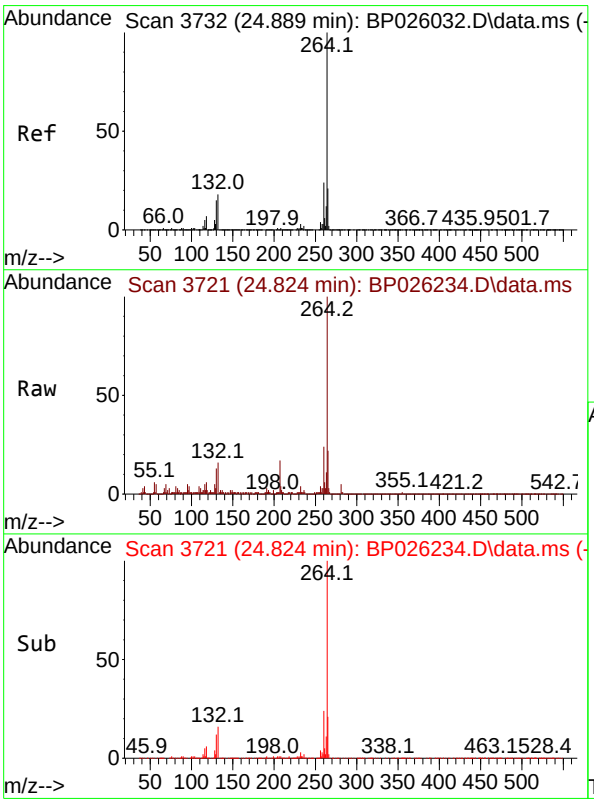
#83
Chrysene
Concen: 2.029 ng
RT: 21.589 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion:228 Resp: 180142

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.9	35.9
229	27.5	15.9	23.9#

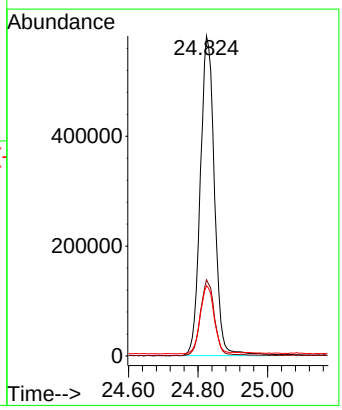


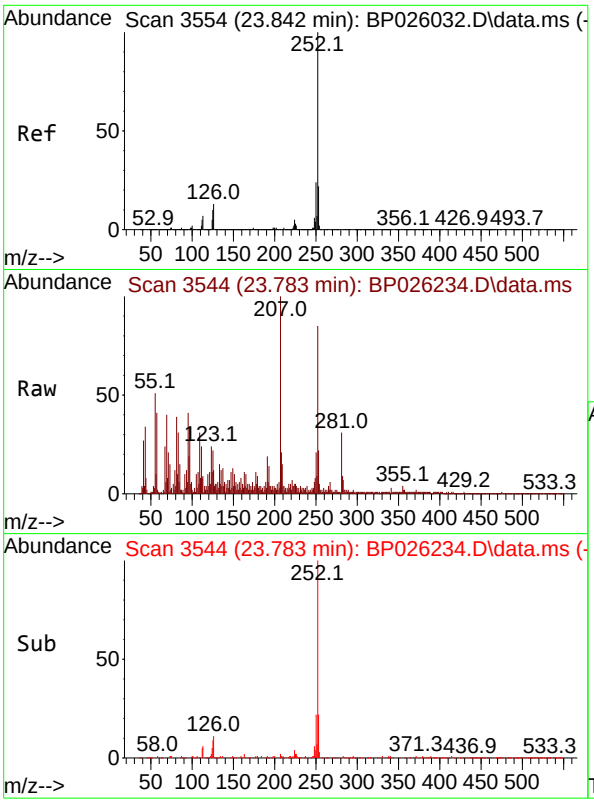


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.082 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Tgt Ion:264 Resp: 1647362

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.0	17.5	26.3





#88
Benzo(b)fluoranthene
Concen: 2.597 ng
RT: 23.783 min Scan# 3
Delta R.T. -0.082 min
Lab File: BP026234.D
Acq: 03 Dec 2025 19:43

Instrument :
BNA_P
ClientSampleId :
MOO-25-334-337

Tgt Ion:252 Resp: 260524

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.6	26.4#
125	26.1	8.2	12.4#