Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Quant Time: Oct 31 02:16:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	355876	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1331389	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	731584	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1409768	20.000	ng	0.01
76) Chrysene-d12	21.589	240	1685776	20.000	ng	0.02
86) Perylene-d12	24.924	264	1916411	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	1553819	72.046	ng	0.00
7) Phenol-d6	6.855	99	1885912	68.702	ng	0.00
23) Nitrobenzene-d5	8.813	82	1053376	49.322	ng	-0.01
42) 2,4,6-Tribromophenol	15.837	330	550964	69.662	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	2387392	46.891	ng	0.00
79) Terphenyl-d14	19.878	244	3553507	42.827	ng	0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.537	139	8	2.678	ng	# 1
32) Benzoic acid	9.655	122	2882	3.438	ng	89
48) 2-Nitroaniline	13.407	65	265	2.932	ng	# 31
51) 2,6-Dinitrotoluene	13.854	165	363	3.025	ng	# 1
53) 3-Nitroaniline	14.213	138	288	2.660	ng	# 70
57) 2,4-Dinitrotoluene	14.678	165	94	3.093	ng	# 55
63) Azobenzene	15.713	77	173647	3.581	ng	# 1
71) Phenanthrene	17.178	178	968860	11.807	ng	99
72) Anthracene	17.272	178	163915	2.015	ng	99
75) Fluoranthene	19.266	202	1638903	17.122	ng	98
78) Pyrene	19.648	202	1392310	12.211	ng	100
80) Butylbenzylphthalate	20.625	149	12928	3.679	ng	# 84
81) Benzo(a)anthracene	21.566	228	842158	7.270	ng	98
83) Chrysene	21.630	228	902450	8.224	ng	98
84) Bis(2-ethylhexyl)phtha...	21.536	149	1025833	16.879	ng	99
87) Indeno(1,2,3-cd)pyrene	28.683	276	581753	4.112	ng	# 90
88) Benzo(b)fluoranthene	23.930	252	432299	3.634	ng	97
89) Benzo(k)fluoranthene	23.930	252	444671	3.660	ng	97
90) Benzo(a)pyrene	24.760	252	756684	6.923	ng	97
92) Benzo(g,h,i)perylene	29.842	276	579339	5.229	ng	98

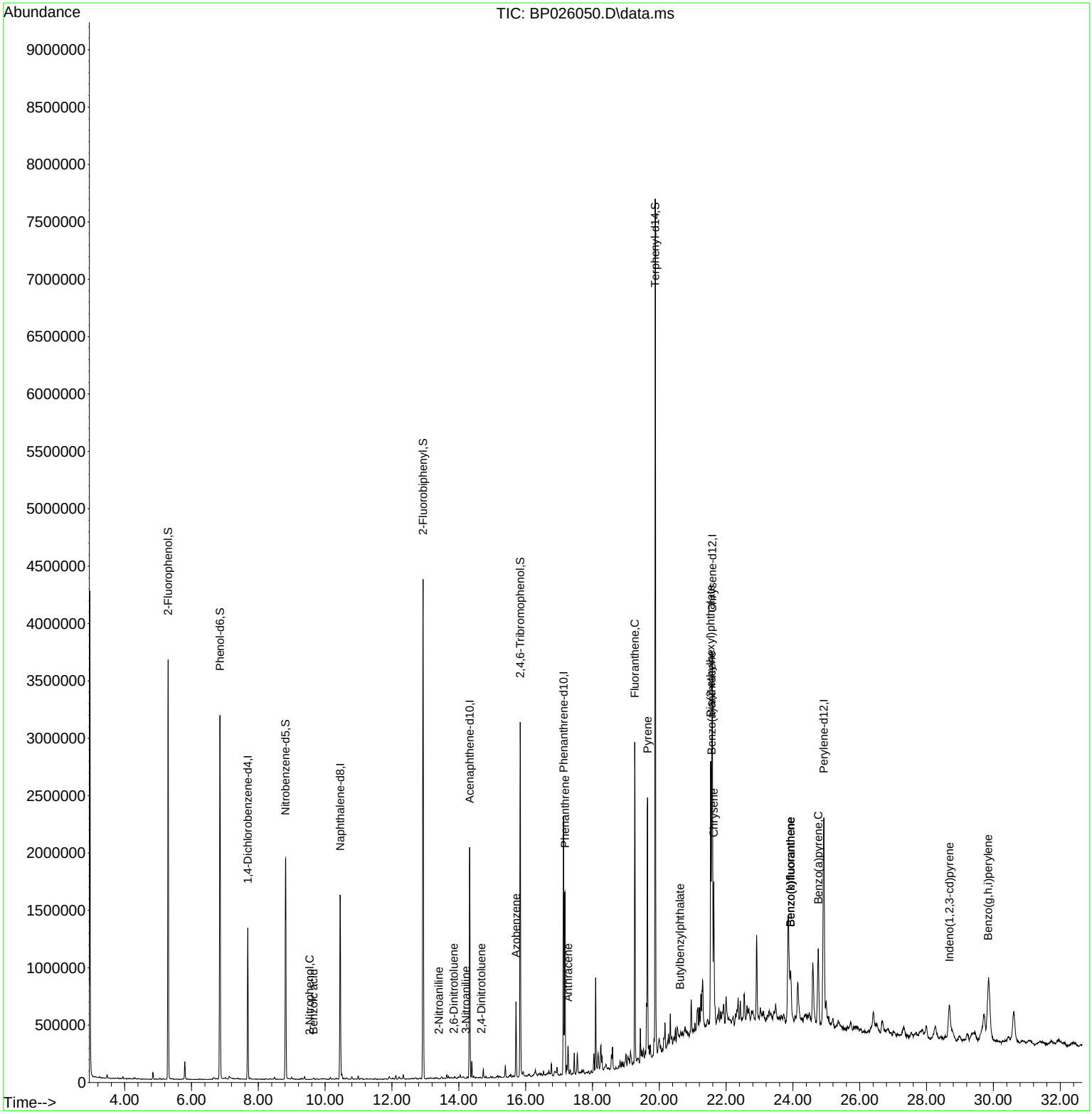
(#) = qualifier out of range (m) = manual integration (+) = signals summed

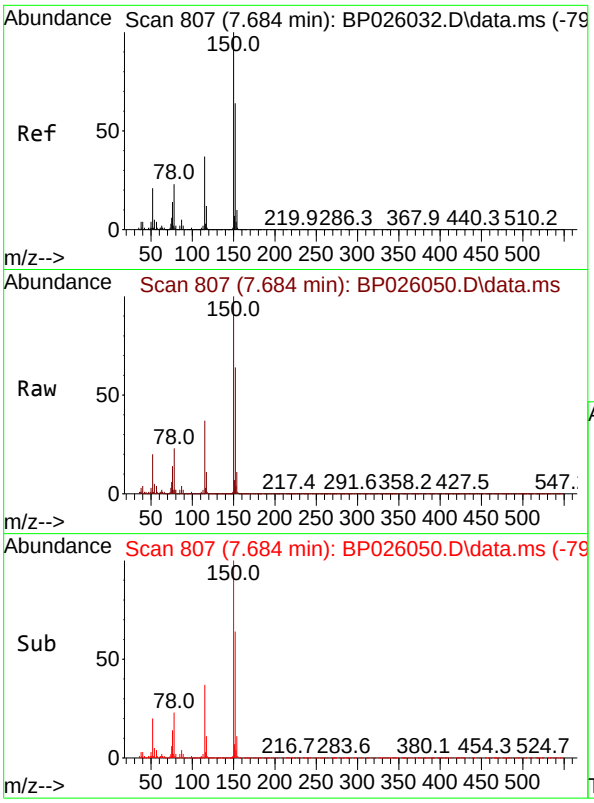
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026050.D
Acq On : 30 Oct 2025 20:30
Operator : RC/JU
Sample : Q3466-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Quant Time: Oct 31 02:16:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



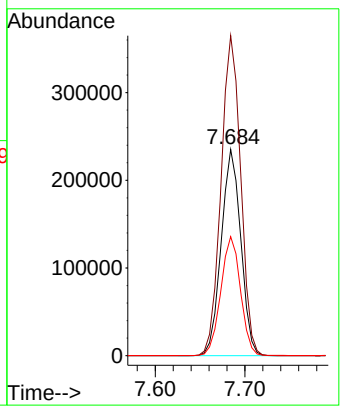


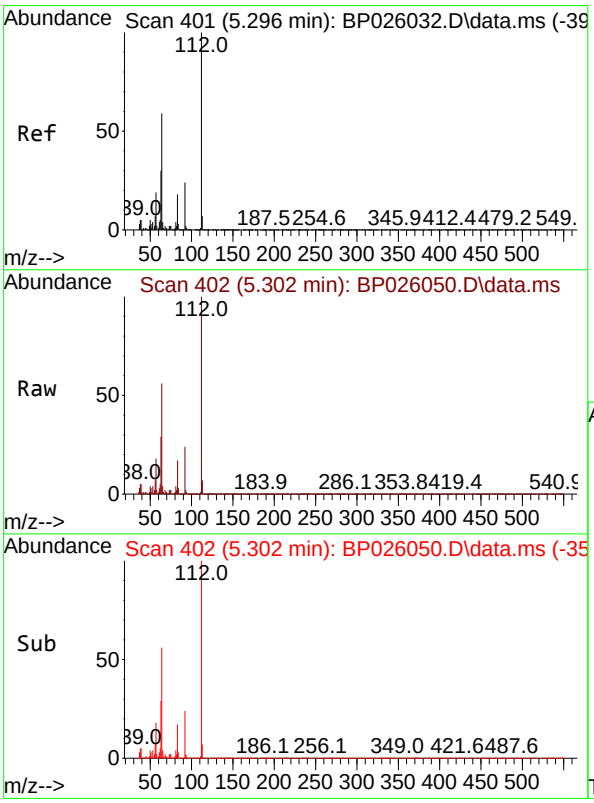
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:152 Resp: 355876

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.7	188.5
115	57.7	46.4	69.6

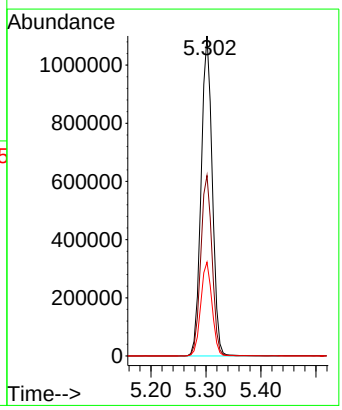


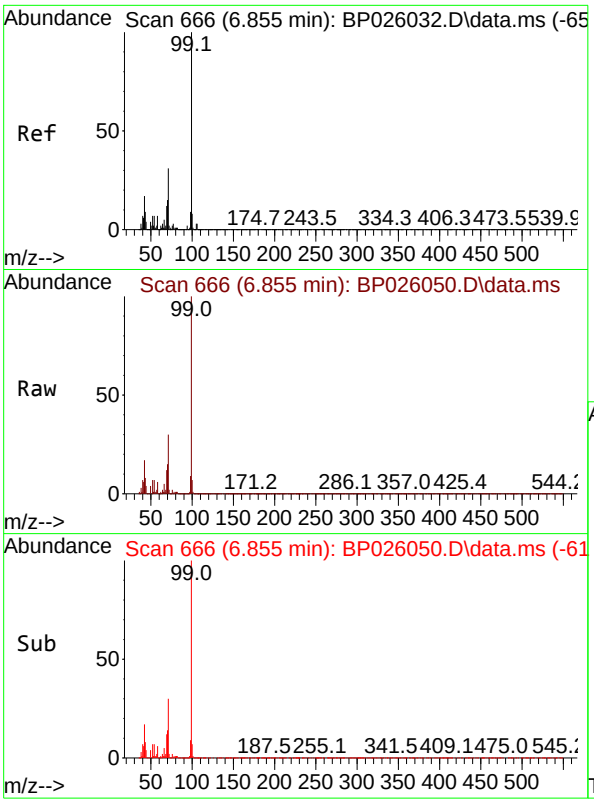


#5
2-Fluorophenol
Concen: 72.046 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:112 Resp: 1553819

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.4	71.2
63	29.3	24.2	36.4



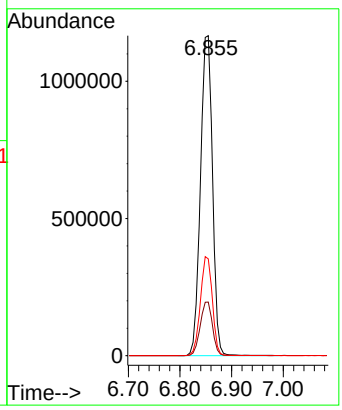


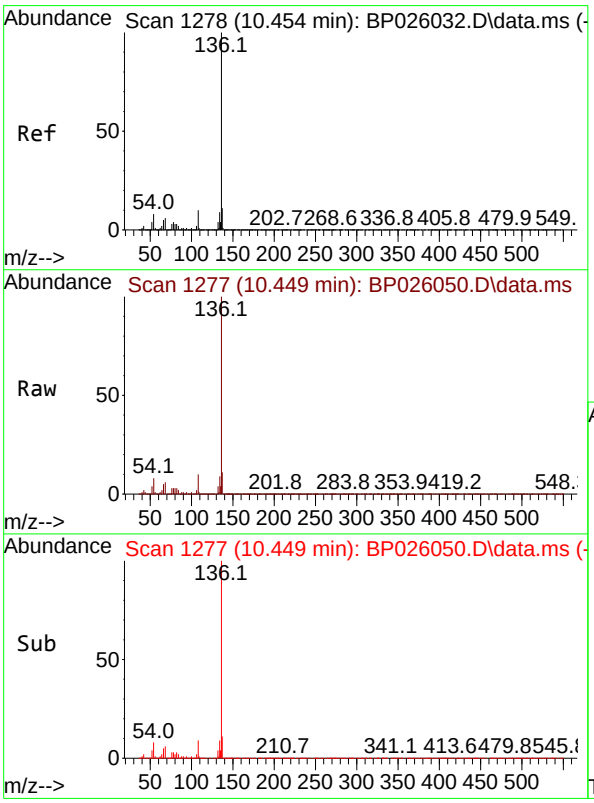
#7
Phenol-d6
Concen: 68.702 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion: 99 Resp: 1885912

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	30.3	24.4	36.6

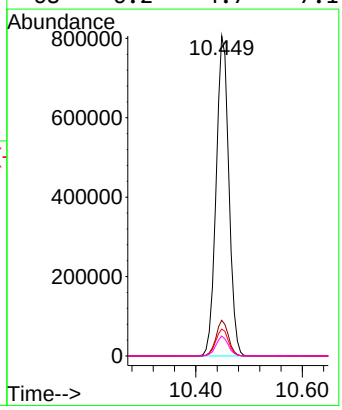


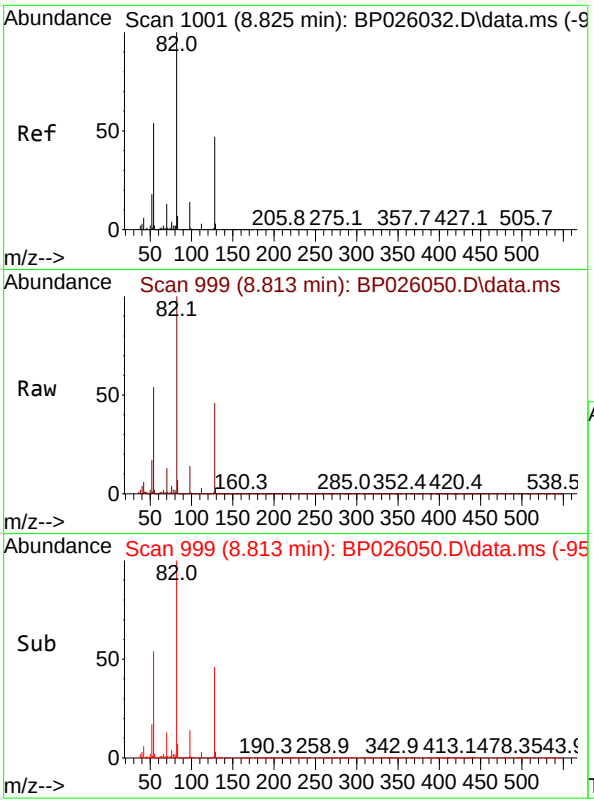


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:136 Resp: 1331389

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	6.6	10.0
68	6.2	4.7	7.1



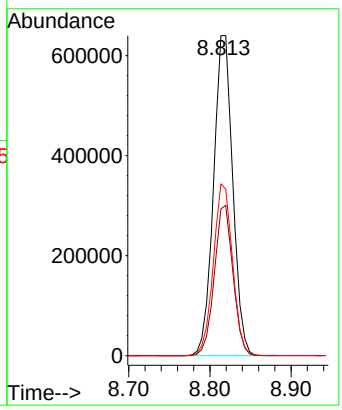


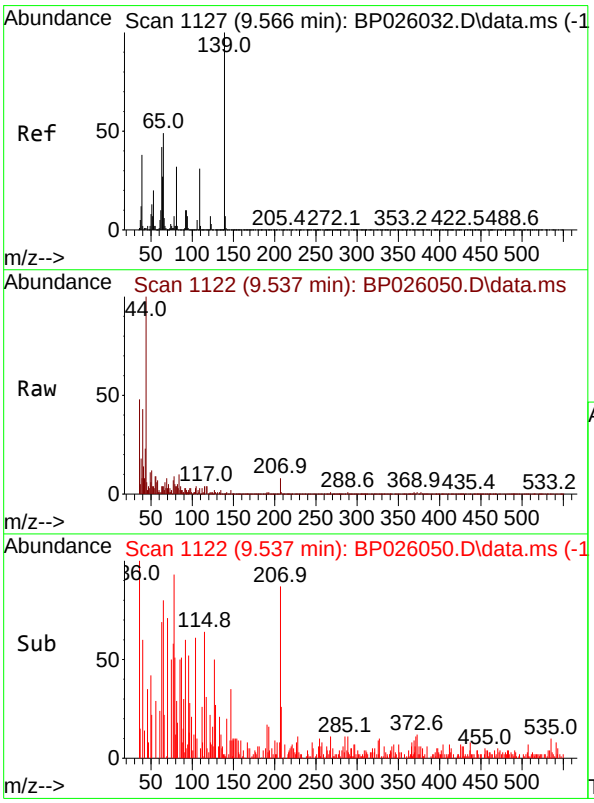
#23
Nitrobenzene-d5
Concen: 49.322 ng
RT: 8.813 min Scan# 9
Delta R.T. -0.011 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion: 82 Resp: 1053376

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.4	56.0
54	53.7	42.7	64.1

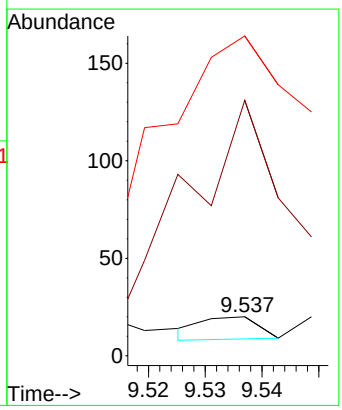


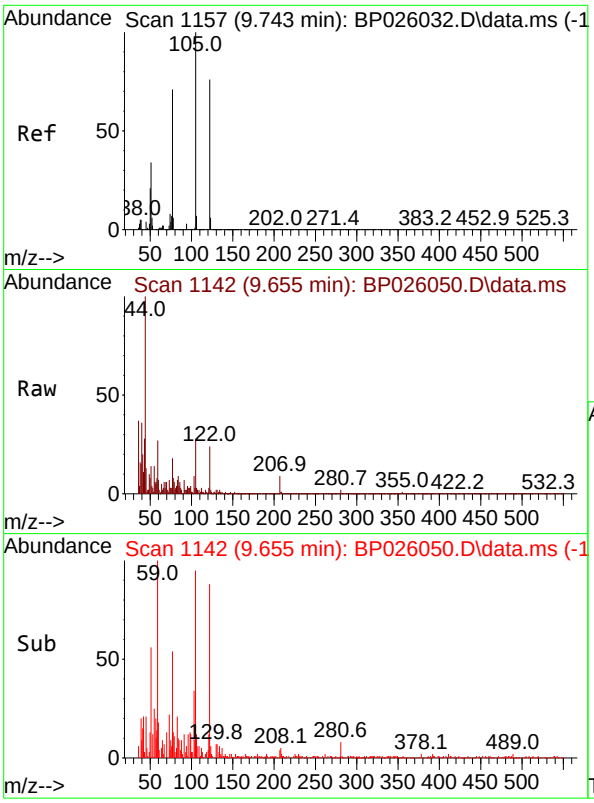


#26
2-Nitrophenol
Concen: 2.678 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.029 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:139 Resp: 8

Ion	Ratio	Lower	Upper
139	100		
109	655.0	24.8	37.2#
65	820.0	39.0	58.4#



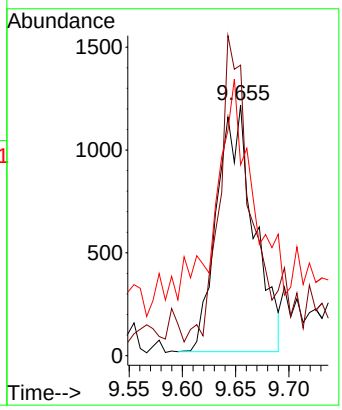


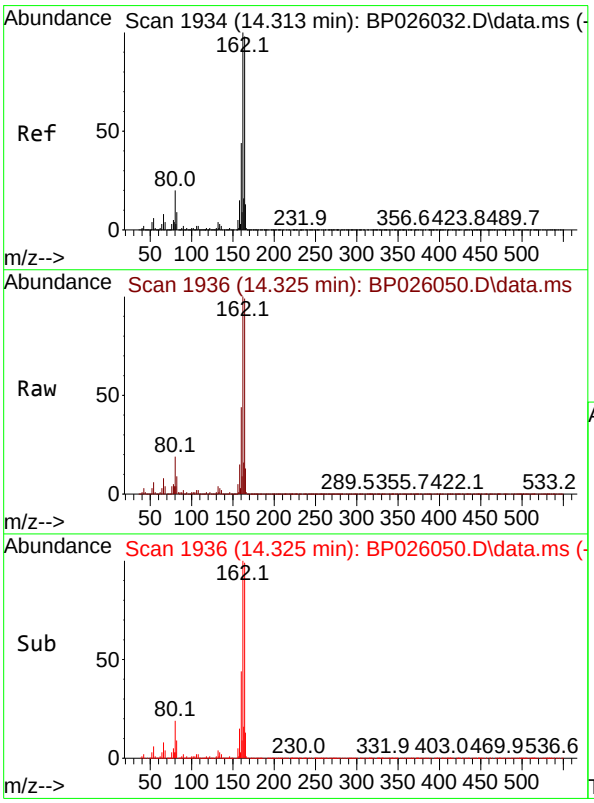
#32
Benzoic acid
Concen: 3.438 ng
RT: 9.655 min Scan# 11
Delta R.T. -0.123 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:122 Resp: 2882

Ion	Ratio	Lower	Upper
122	100		
105	115.9	104.8	144.8
77	76.1	70.9	110.9

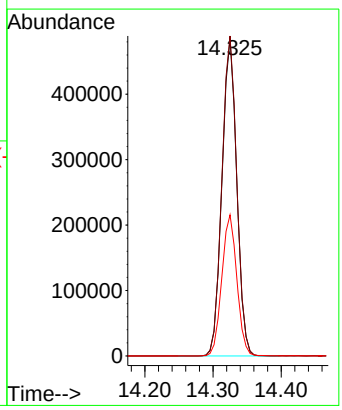


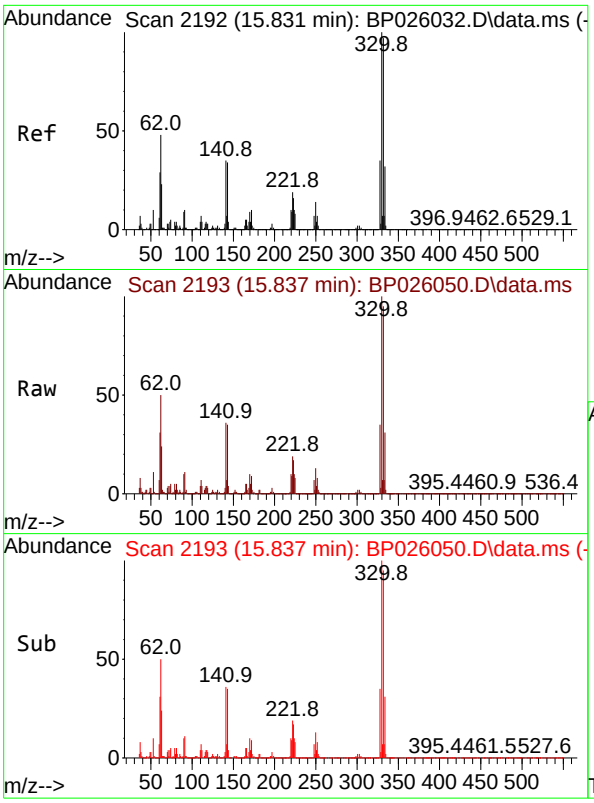


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:164 Resp: 731584

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.5	122.3
160	44.5	36.2	54.4



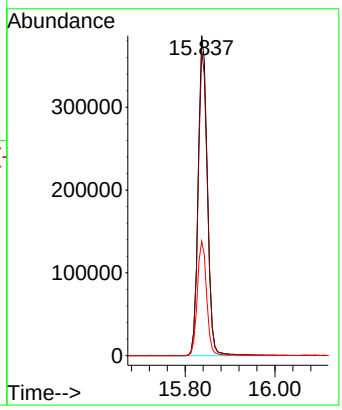


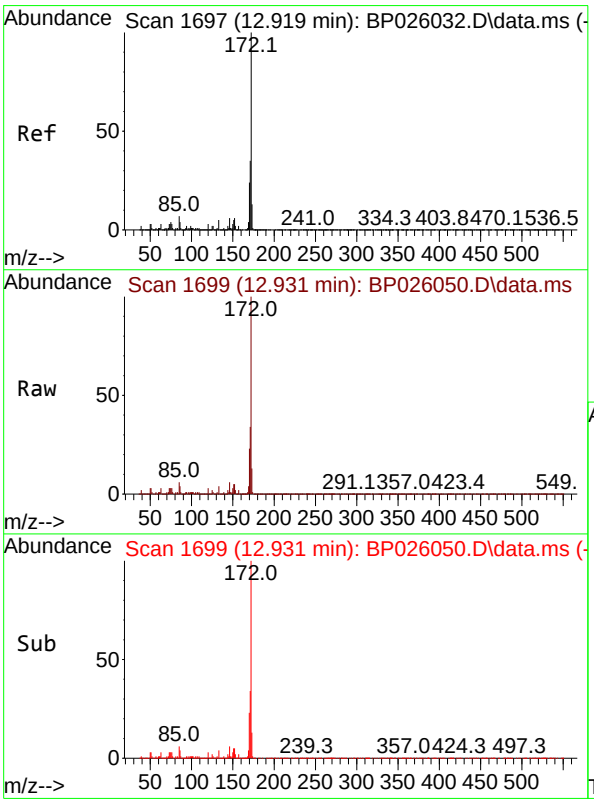
#42
2,4,6-Tribromophenol
Concen: 69.662 ng
RT: 15.837 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:330 Resp: 550964

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	35.8	28.6	42.8

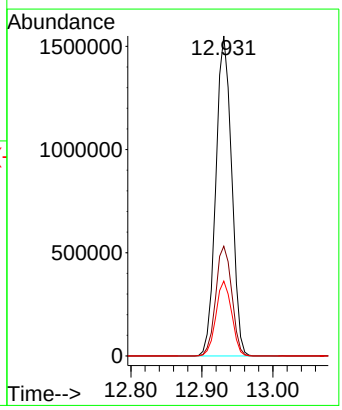


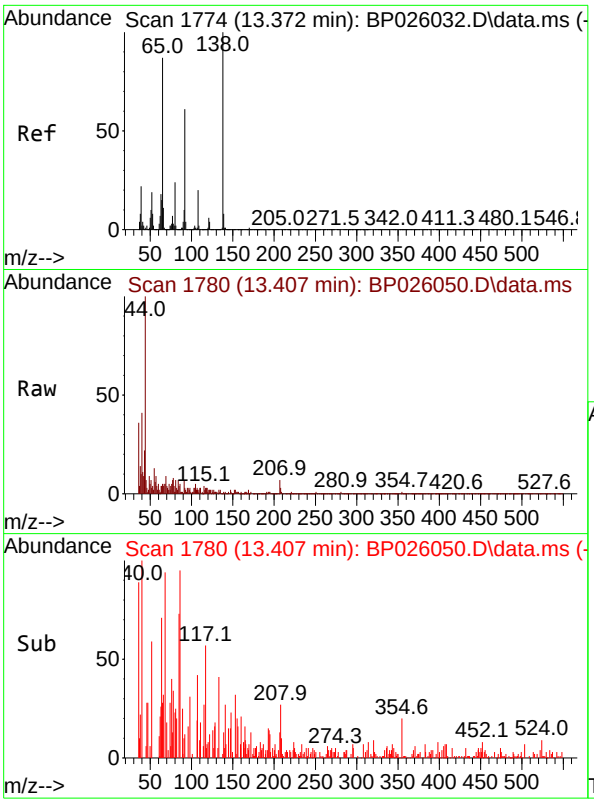


#45
2-Fluorobiphenyl
Concen: 46.891 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:172 Resp: 2387392

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.9	41.9
170	23.4	19.0	28.4



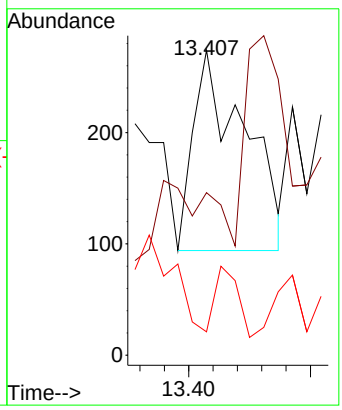


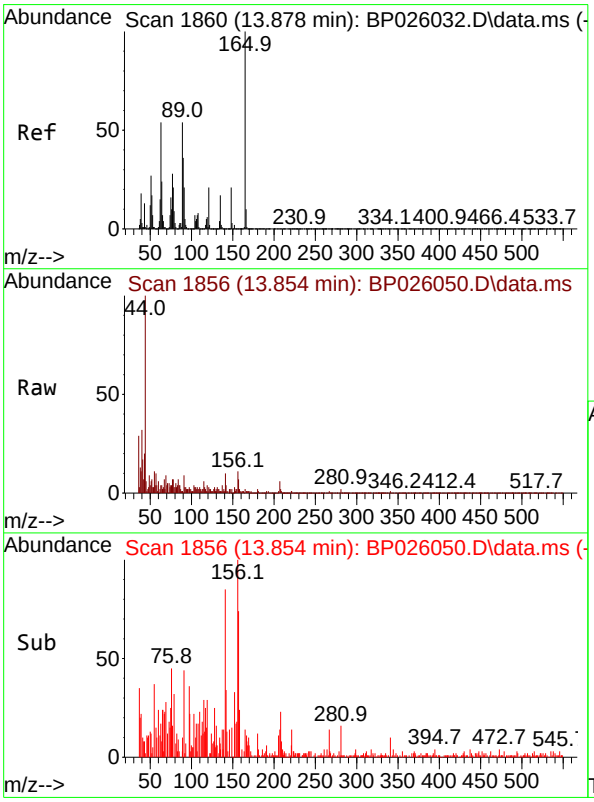
#48
2-Nitroaniline
Concen: 2.932 ng
RT: 13.407 min Scan# 1
Delta R.T. 0.029 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion: 65 Resp: 265

Ion	Ratio	Lower	Upper
65	100		
92	53.3	55.5	83.3#
138	7.7	91.7	137.5#

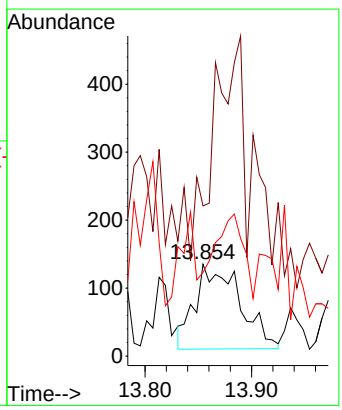


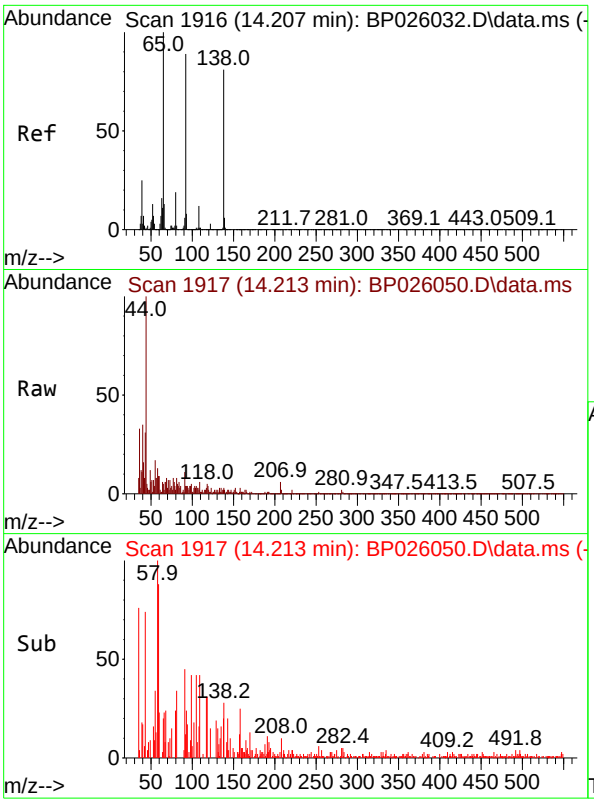


#51
2,6-Dinitrotoluene
Concen: 3.025 ng
RT: 13.854 min Scan# 1856
Delta R.T. -0.024 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:165 Resp: 363

Ion	Ratio	Lower	Upper
165	100		
63	163.7	43.0	64.4#
89	91.1	43.0	64.4#



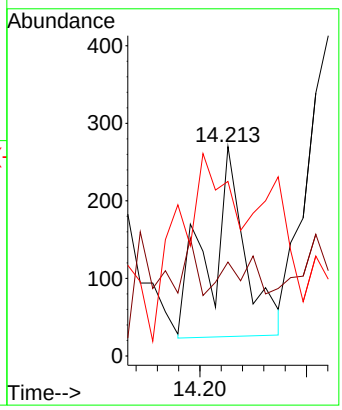


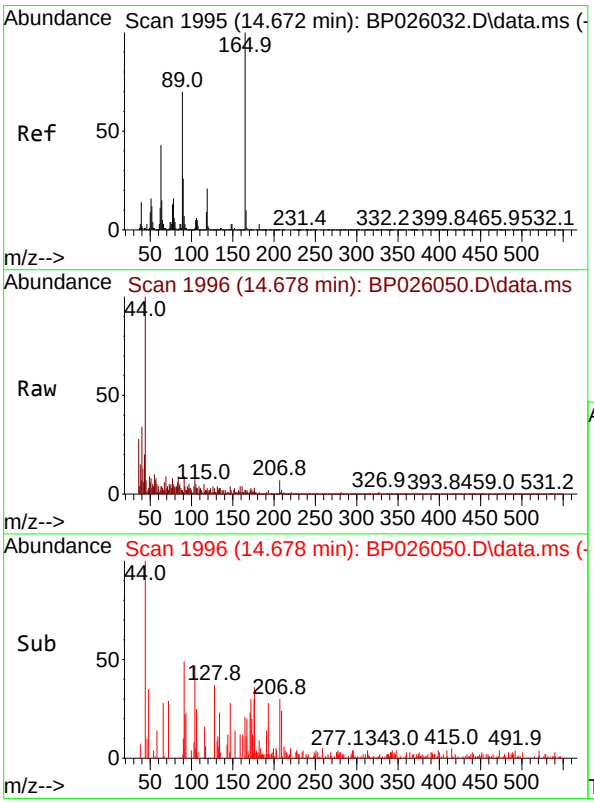
#53
3-Nitroaniline
Concen: 2.660 ng
RT: 14.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:138 Resp: 288

Ion	Ratio	Lower	Upper
138	100		
108	44.8	11.4	17.0#
92	83.3	87.1	130.7#

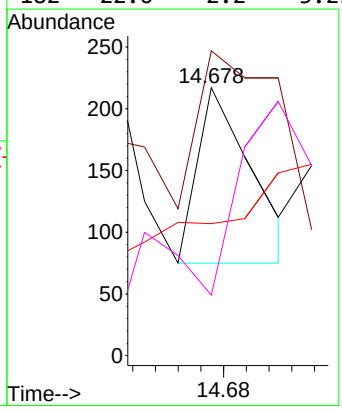


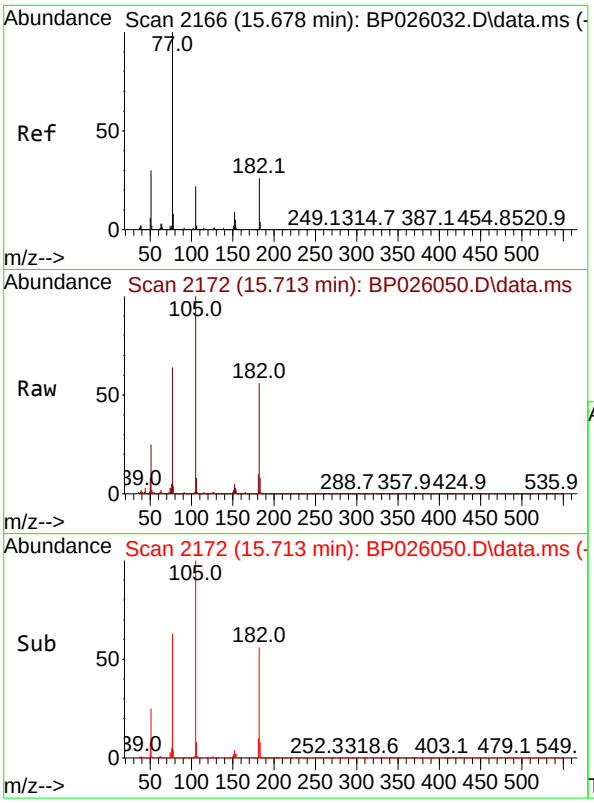


#57
2,4-Dinitrotoluene
Concen: 3.093 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:165 Resp: 94

Ion	Ratio	Lower	Upper
165	100		
63	113.8	34.2	51.2#
89	73.3	56.0	84.0
182	22.6	2.2	3.2#



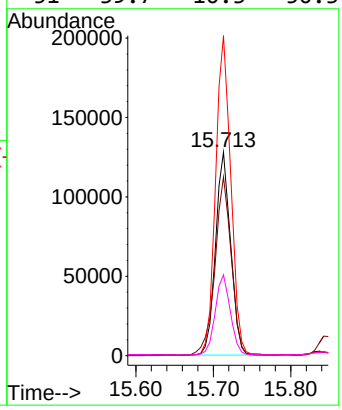


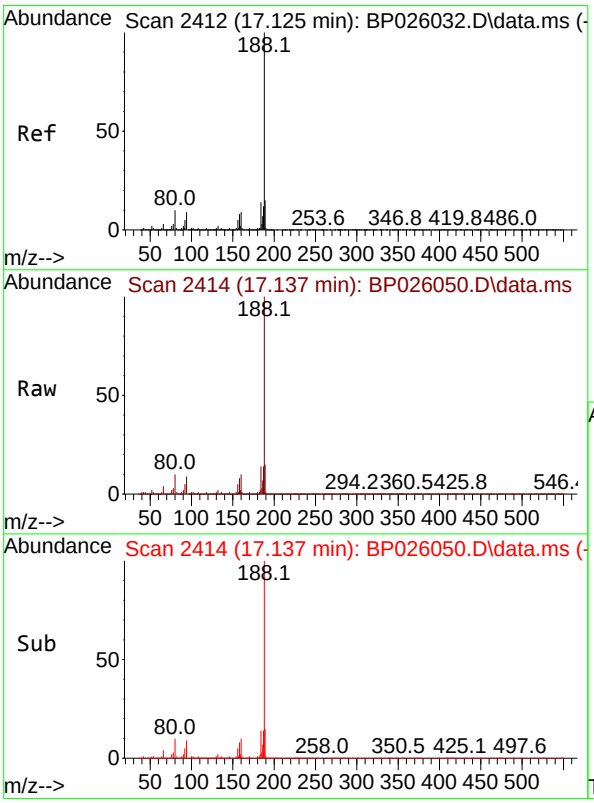
#63
Azobenzene
Concen: 3.581 ng
RT: 15.713 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion: 77 Resp: 173647

Ion	Ratio	Lower	Upper
77	100		
182	87.8	6.4	46.4#
105	157.2	2.2	42.2#
51	39.7	10.3	50.3

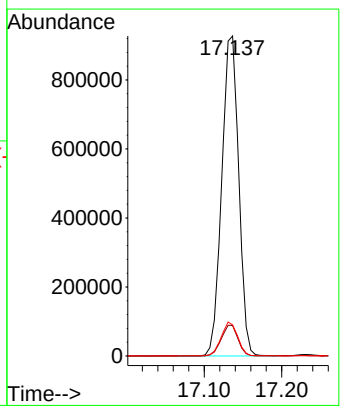


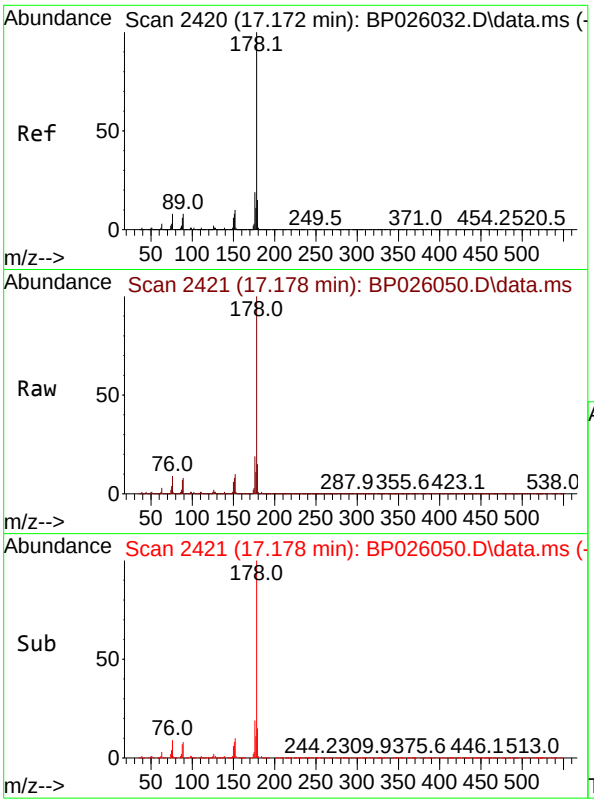


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 2414
Delta R.T. 0.012 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:188 Resp: 1409768

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.1	10.7
80	9.7	7.9	11.9



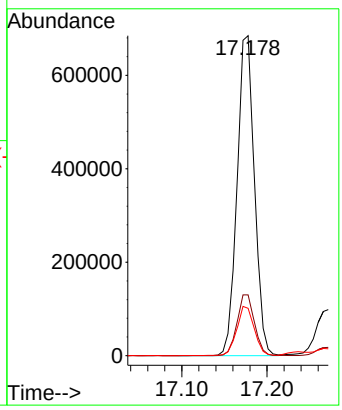


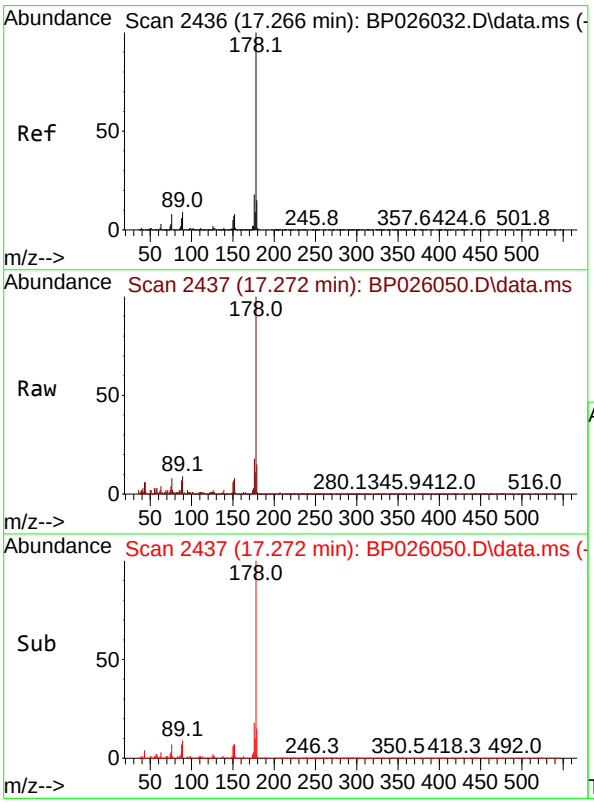
#71
Phenanthrene
Concen: 11.807 ng
RT: 17.178 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:178 Resp: 968860

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	14.8	12.3	18.5

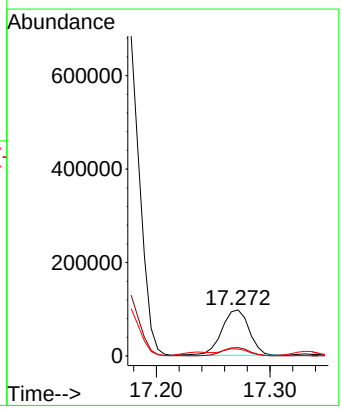


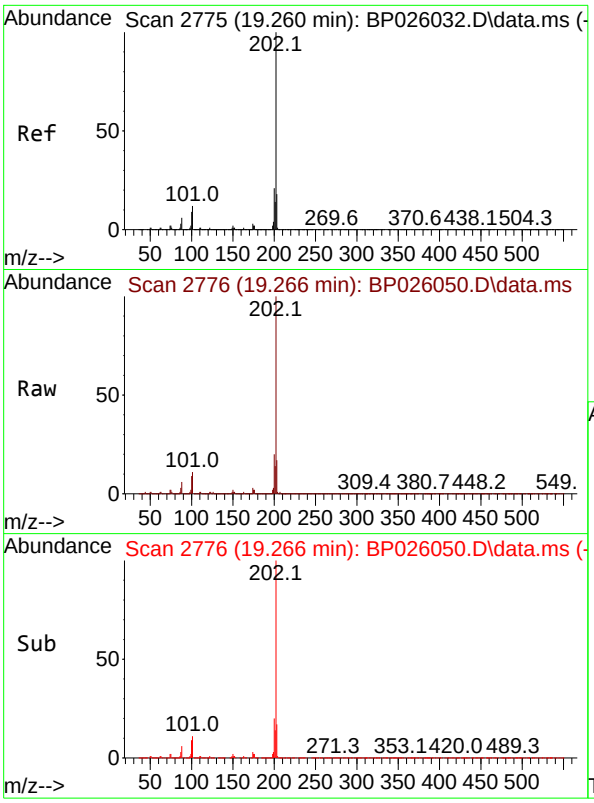


#72
Anthracene
Concen: 2.015 ng
RT: 17.272 min Scan# 2437
Delta R.T. 0.012 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:178 Resp: 163915

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.8	22.2
179	14.9	12.2	18.4



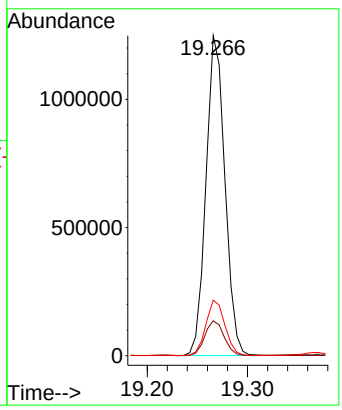


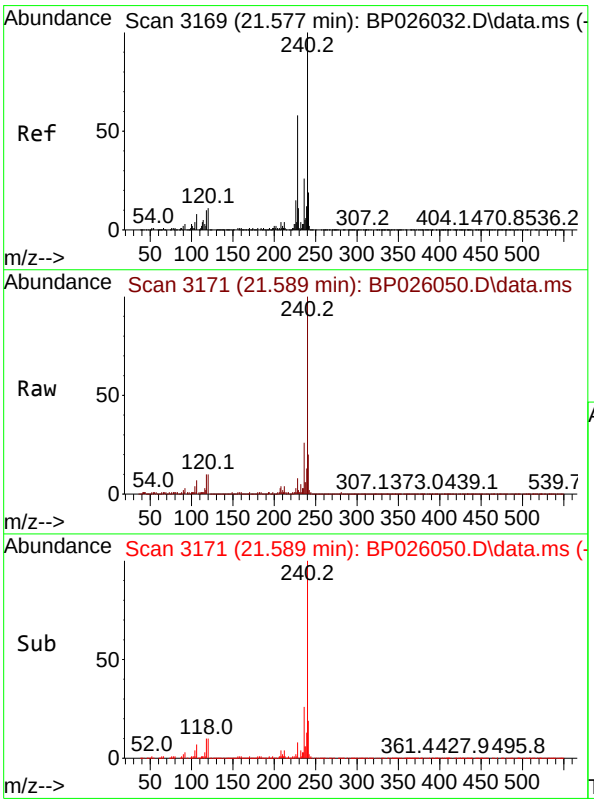
#75
Fluoranthene
Concen: 17.122 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:202 Resp: 1638903

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.1
203	17.4	0.0	37.6

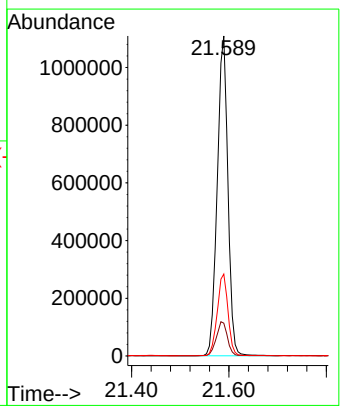


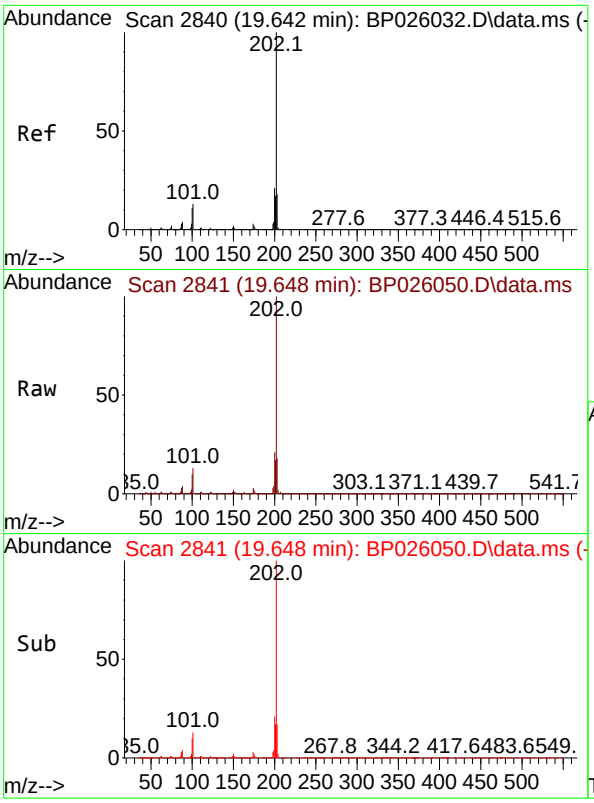


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:240 Resp: 1685776

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	25.6	20.6	31.0



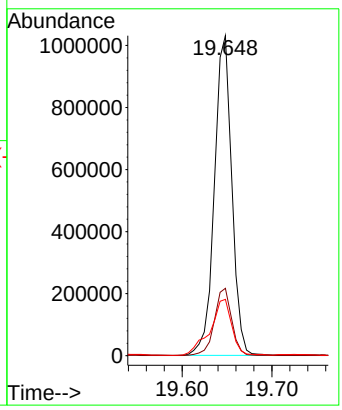


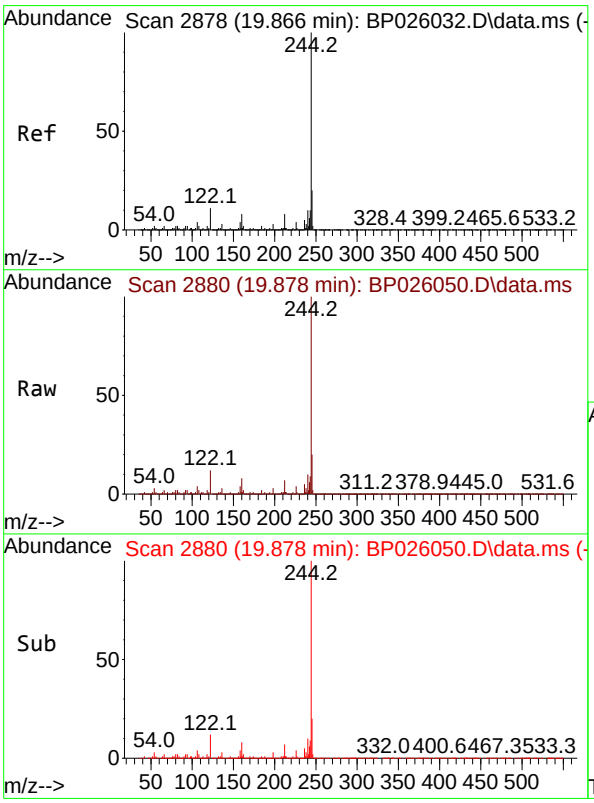
#78
Pyrene
Concen: 12.211 ng
RT: 19.648 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:202 Resp: 1392310

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.6	14.0	21.0

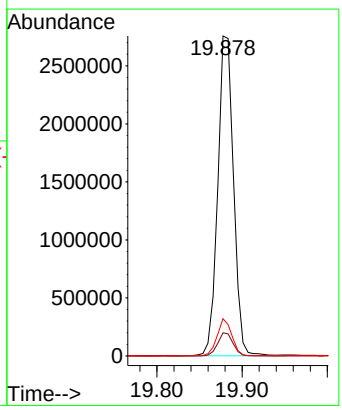


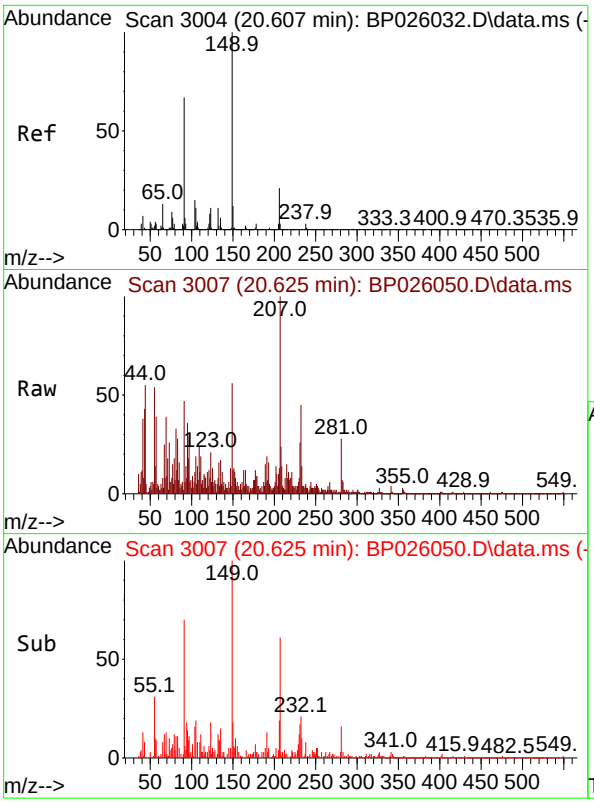


#79
Terphenyl-d14
Concen: 42.827 ng
RT: 19.878 min Scan# 2880
Delta R.T. 0.012 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:244 Resp: 3553507

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.7	9.0	13.6



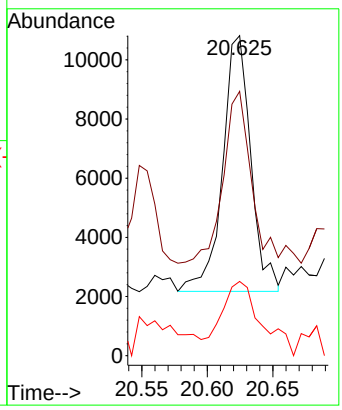


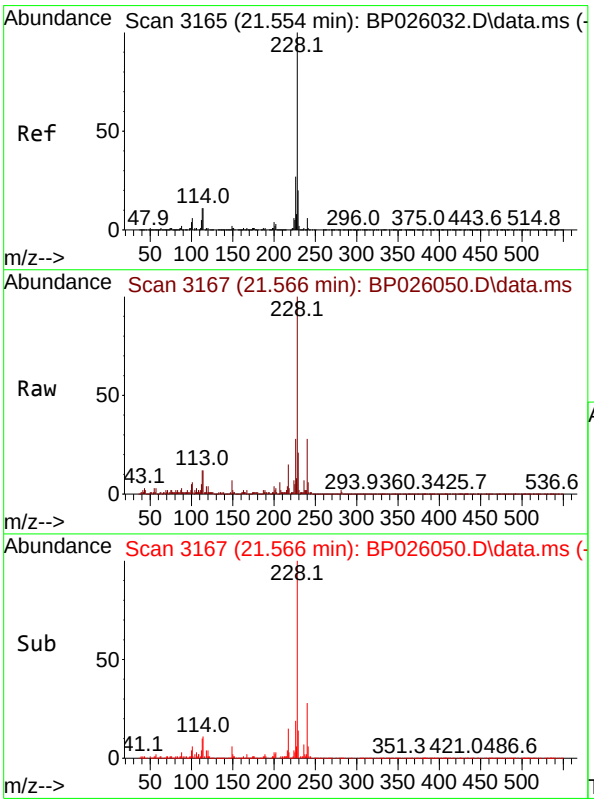
#80
Butylbenzylphthalate
Concen: 3.679 ng
RT: 20.625 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:149 Resp: 12928

Ion	Ratio	Lower	Upper
149	100		
91	82.6	53.5	80.3#
206	23.2	16.6	25.0

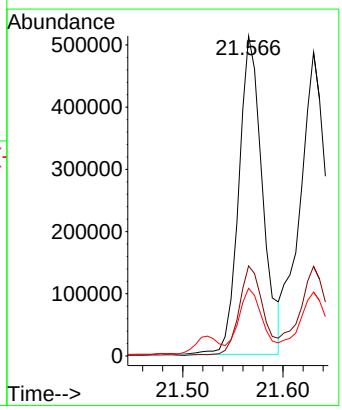


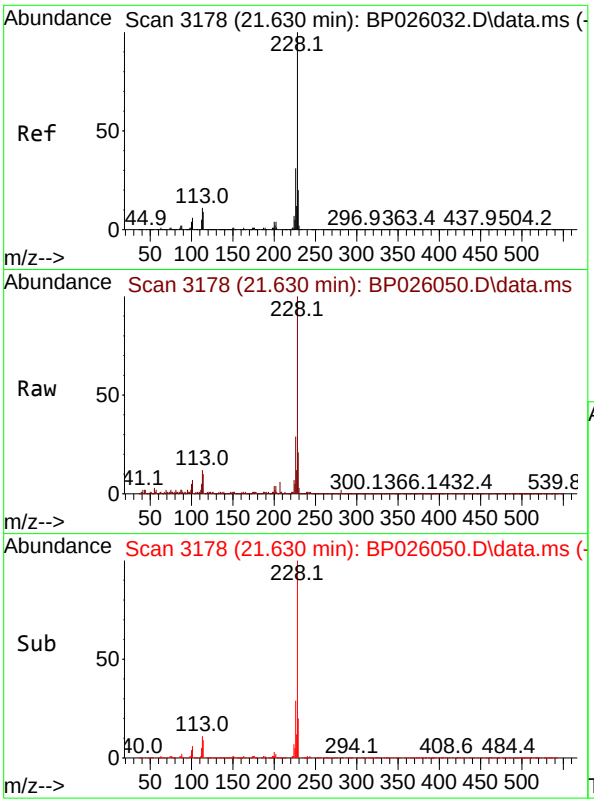


#81
Benzo(a)anthracene
Concen: 7.270 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.018 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:228 Resp: 842158

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.7	32.5
229	21.2	15.8	23.8



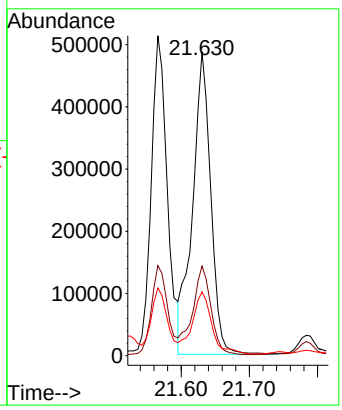


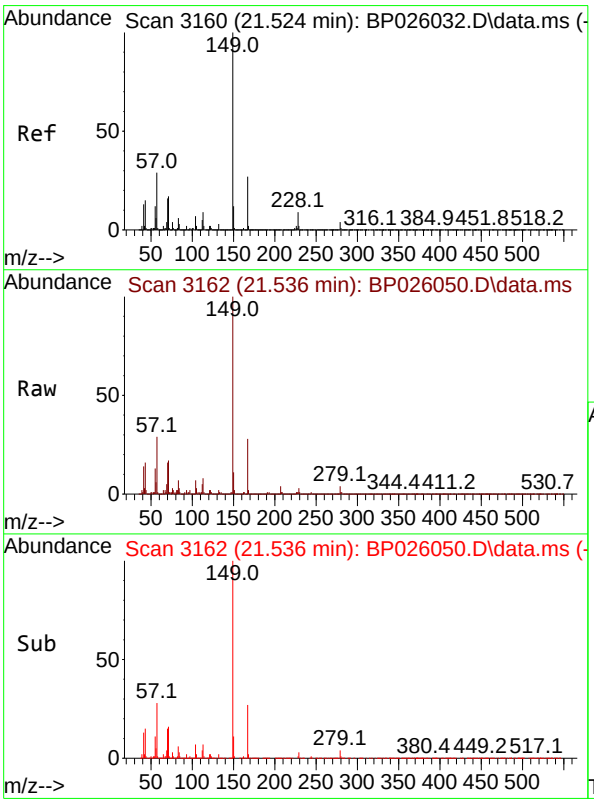
#83
Chrysene
Concen: 8.224 ng
RT: 21.630 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:228 Resp: 902450

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	21.0	16.0	24.0

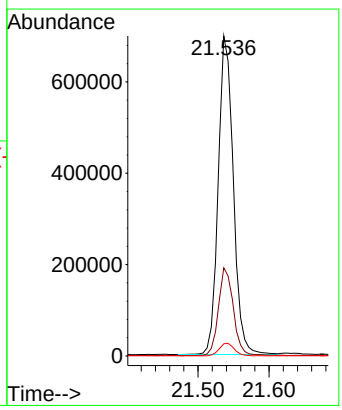


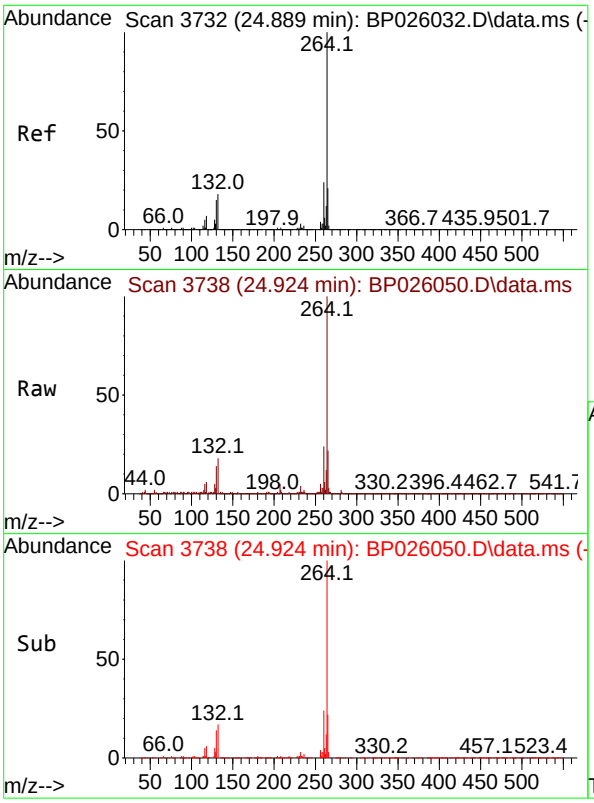


#84
Bis(2-ethylhexyl)phthalate
Concen: 16.879 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.018 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:149 Resp: 1025833

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.5	32.3
279	3.8	3.0	4.6



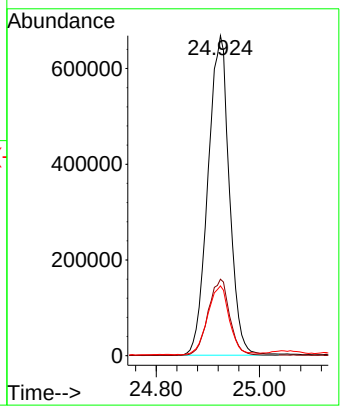


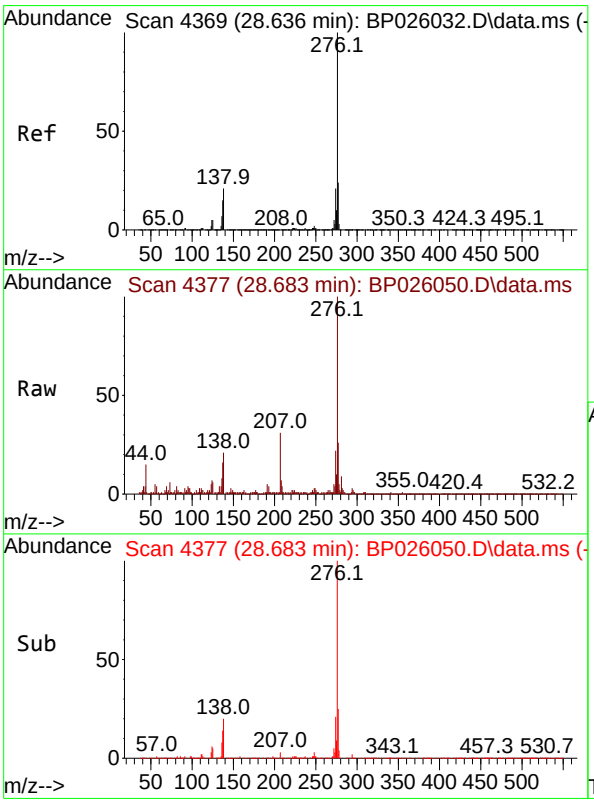
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3
Delta R.T. 0.042 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:264 Resp: 1916411

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.8	17.2	25.8

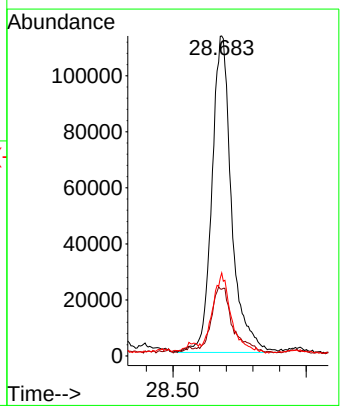


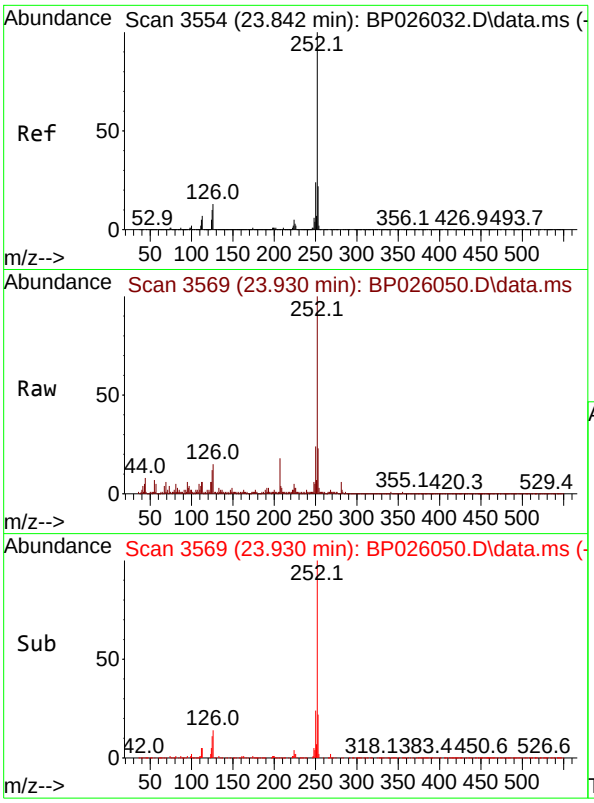


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.112 ng
RT: 28.683 min Scan# 4377
Delta R.T. 0.024 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:276 Resp: 581753

Ion	Ratio	Lower	Upper
276	100		
138	21.7	13.2	19.8#
277	23.9	16.3	24.5



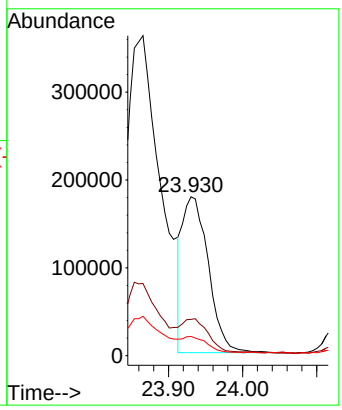


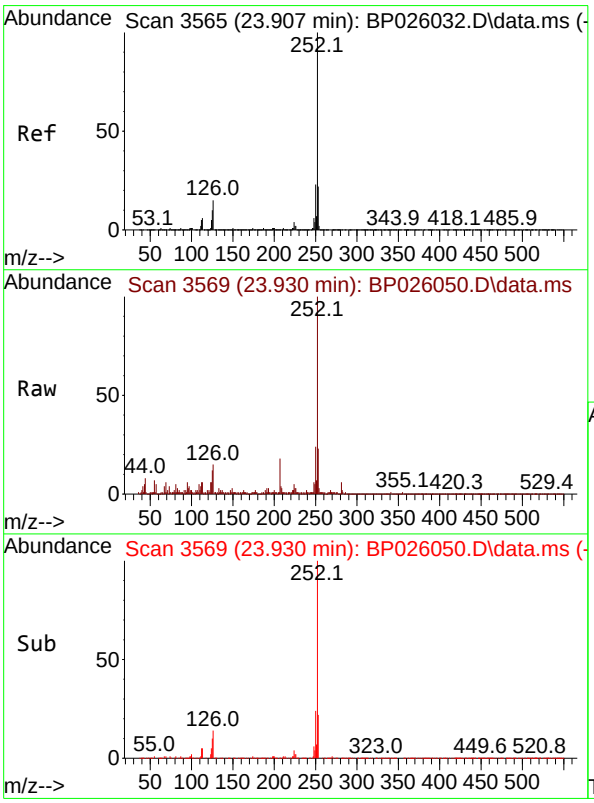
#88
Benzo(b)fluoranthene
Concen: 3.634 ng
RT: 23.930 min Scan# 3
Delta R.T. 0.083 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:252 Resp: 432299

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	12.1	8.1	12.1

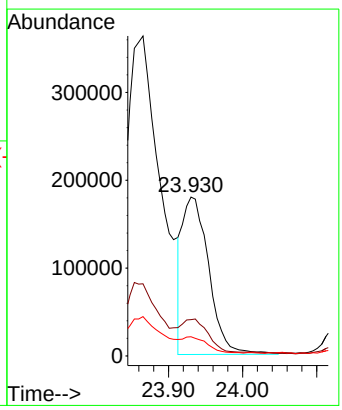


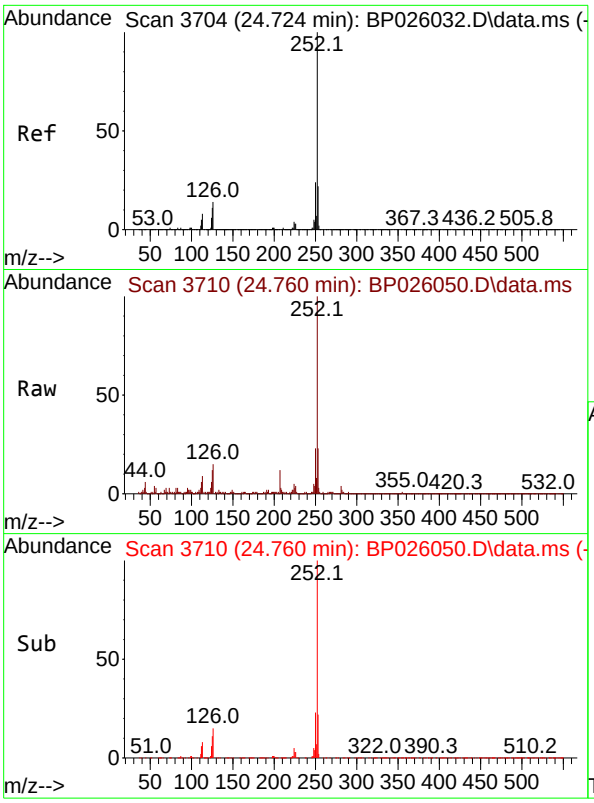


#89
Benzo(k)fluoranthene
Concen: 3.660 ng
RT: 23.930 min Scan# 3569
Delta R.T. 0.006 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:252 Resp: 444671

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.1	8.1	12.1



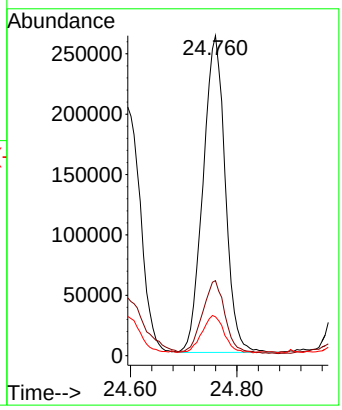


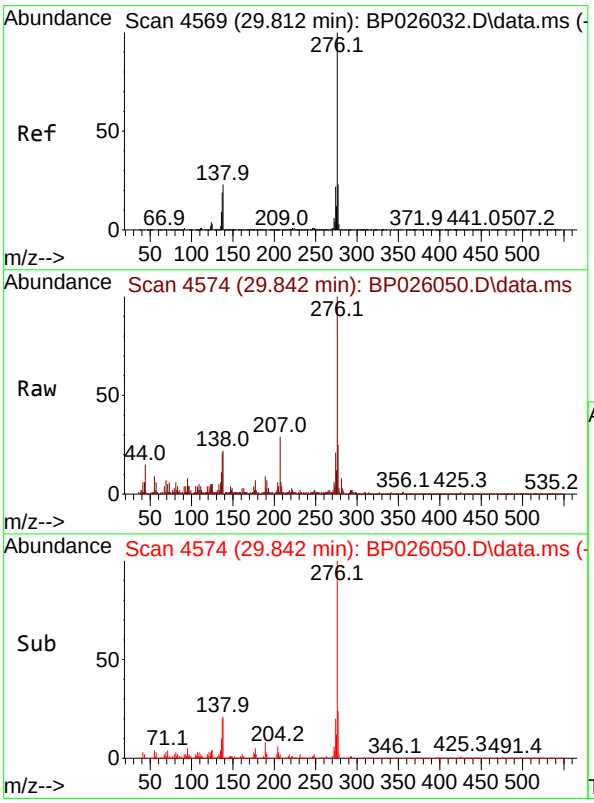
#90
Benzo(a)pyrene
Concen: 6.923 ng
RT: 24.760 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Instrument :
BNA_P
ClientSampleId :
B9-0.0-1.0-20251023

Tgt Ion:252 Resp: 756684

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	12.2	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 5.229 ng
RT: 29.842 min Scan# 4574
Delta R.T. 0.012 min
Lab File: BP026050.D
Acq: 30 Oct 2025 20:30

Tgt Ion:276 Resp: 579339

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.5	27.7
138	22.1	18.1	27.1