Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Time: Dec 05 21:59:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.660	152	283730	20.000	ng		0.00
21) Naphthalene-d8	10.419	136	1097783	20.000	ng		0.00
39) Acenaphthene-d10	14.295	164	668911	20.000	ng		0.00
64) Phenanthrene-d10	17.095	188	1289518	20.000	ng		0.00
76) Chrysene-d12	21.536	240	1321960	20.000	ng		0.00
86) Perylene-d12	24.842	264	1575546	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	961533	54.483	ng		0.00
7) Phenol-d6	6.843	99	1194351	53.613	ng		0.00
23) Nitrobenzene-d5	8.796	82	714903	37.068	ng		0.00
42) 2,4,6-Tribromophenol	15.813	330	476420	54.767	ng		0.00
45) 2-Fluorobiphenyl	12.907	172	1699355	36.936	ng		0.00
79) Terphenyl-d14	19.830	244	2253796	34.847	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.007	152	274816	4.208	ng		99
71) Phenanthrene	17.136	178	359226	4.941	ng		99
72) Anthracene	17.242	178	215394	2.909	ng		98
75) Fluoranthene	19.225	202	624412	7.058	ng		99
78) Pyrene	19.607	202	957181	11.111	ng		98
81) Benzo(a)anthracene	21.513	228	435906	4.807	ng	#	82
83) Chrysene	21.583	228	502672	5.854	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.589	276	302371	2.539	ng	#	92
88) Benzo(b)fluoranthene	23.795	252	490236	5.120	ng	#	53
90) Benzo(a)pyrene	24.683	252	449123	4.946	ng	#	75
92) Benzo(g,h,i)perylene	29.736	276	409444	4.217	ng	#	90

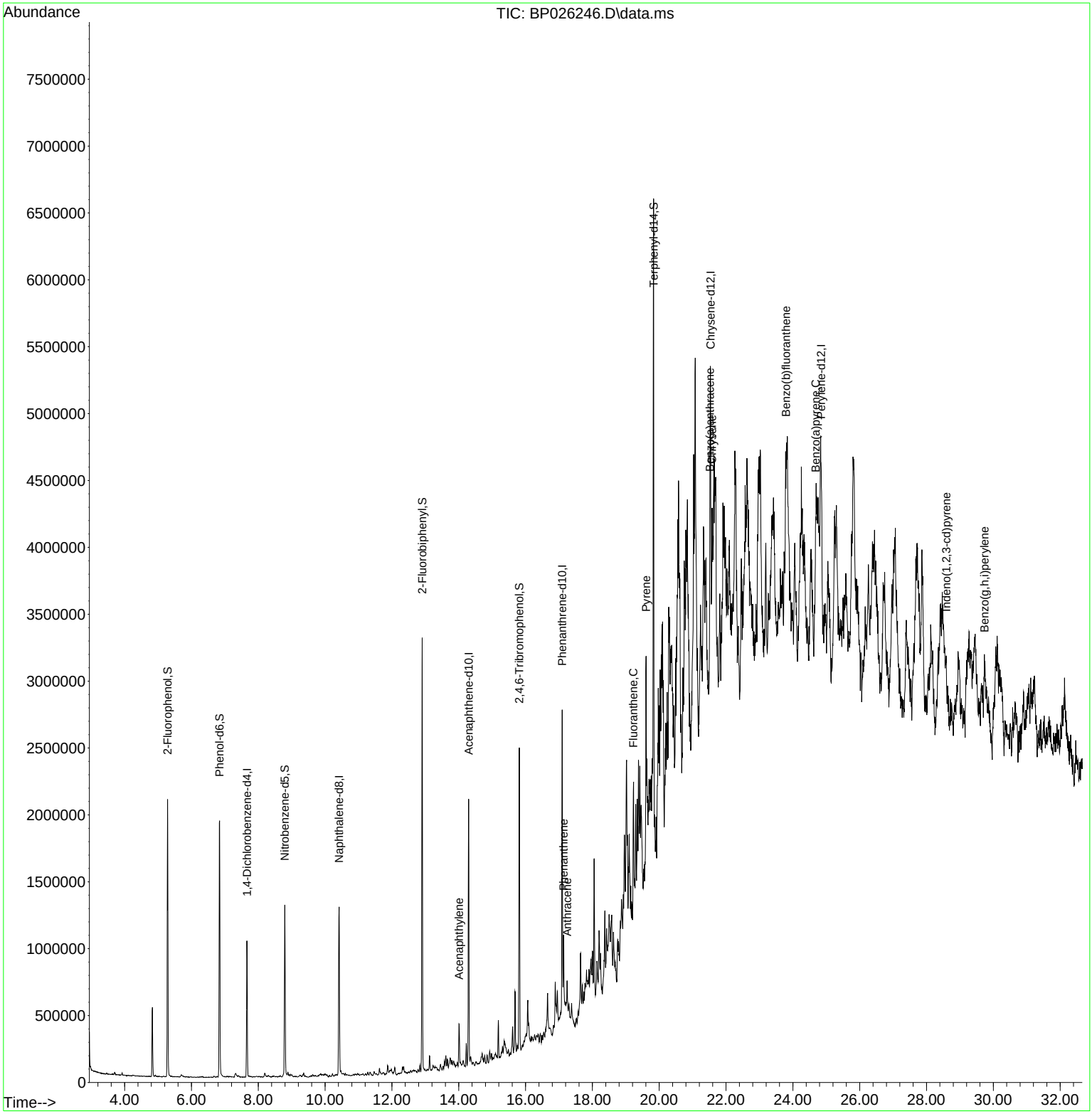
(#) = qualifier out of range (m) = manual integration (+) = signals summed

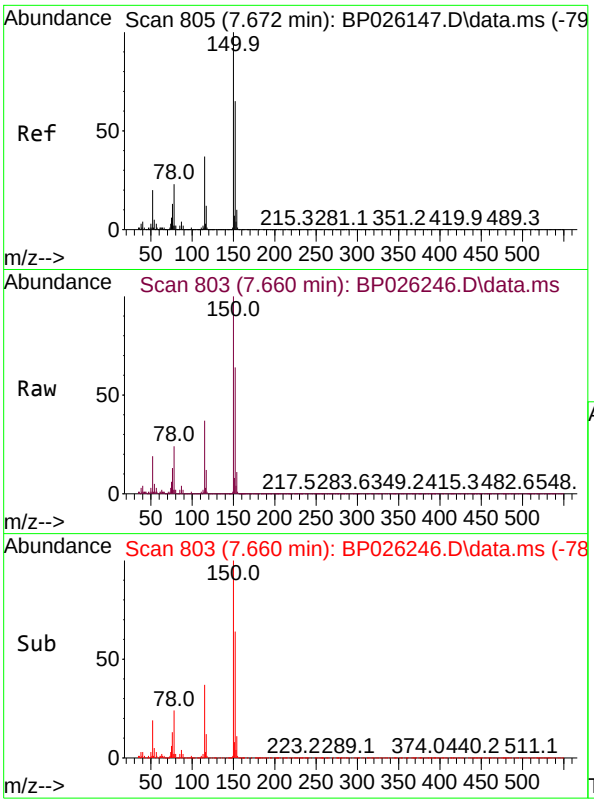
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Time: Dec 05 21:59:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration



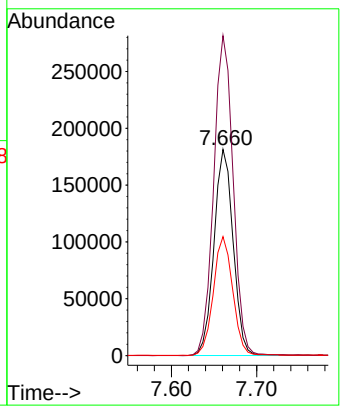


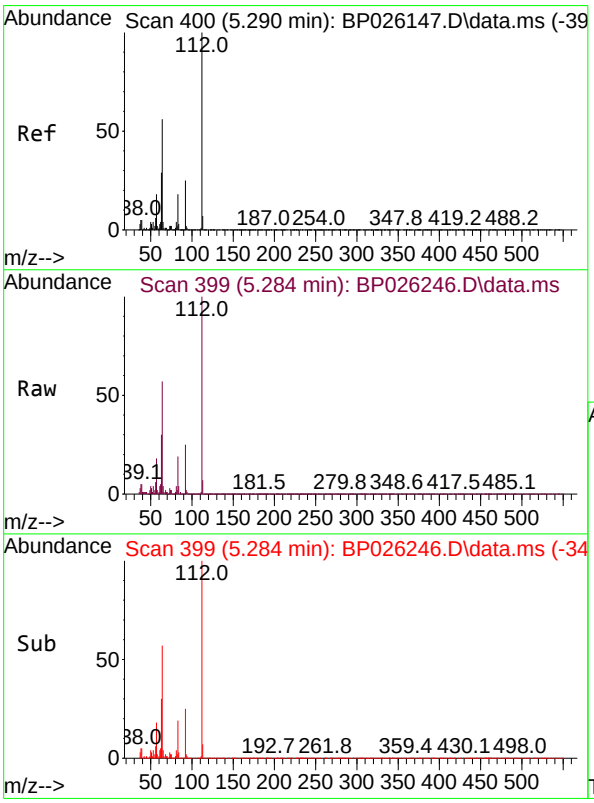
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. 0.005 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion:152 Resp: 283730

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.0	184.6
115	57.7	46.3	69.5

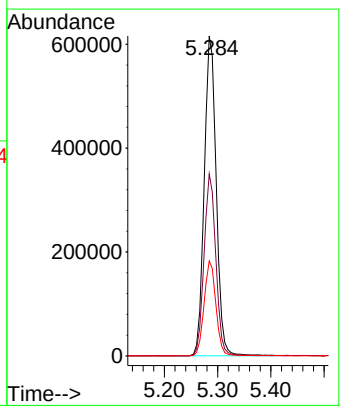


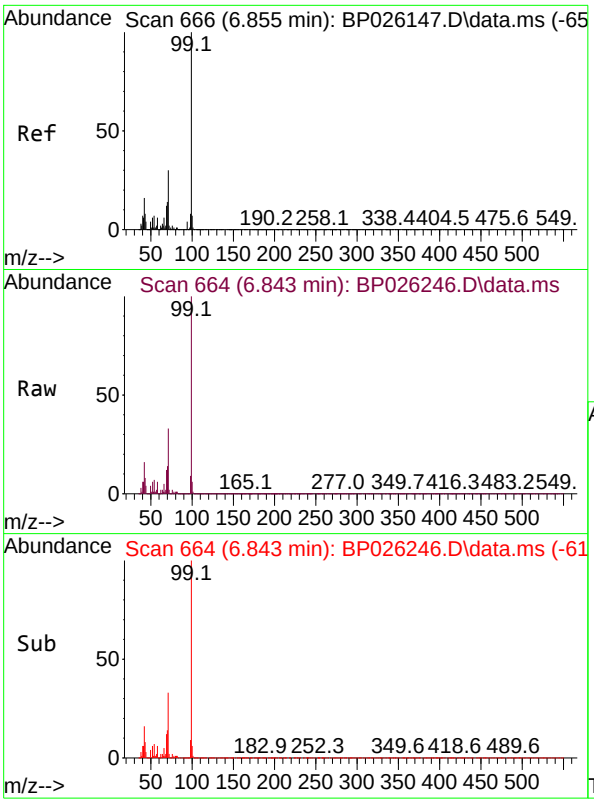


#5
2-Fluorophenol
Concen: 54.483 ng
RT: 5.284 min Scan# 399
Delta R.T. 0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:112 Resp: 961533

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.8	68.6
63	29.7	23.5	35.3



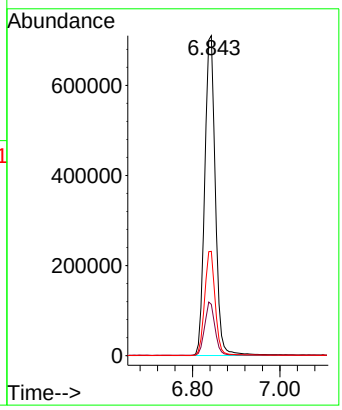


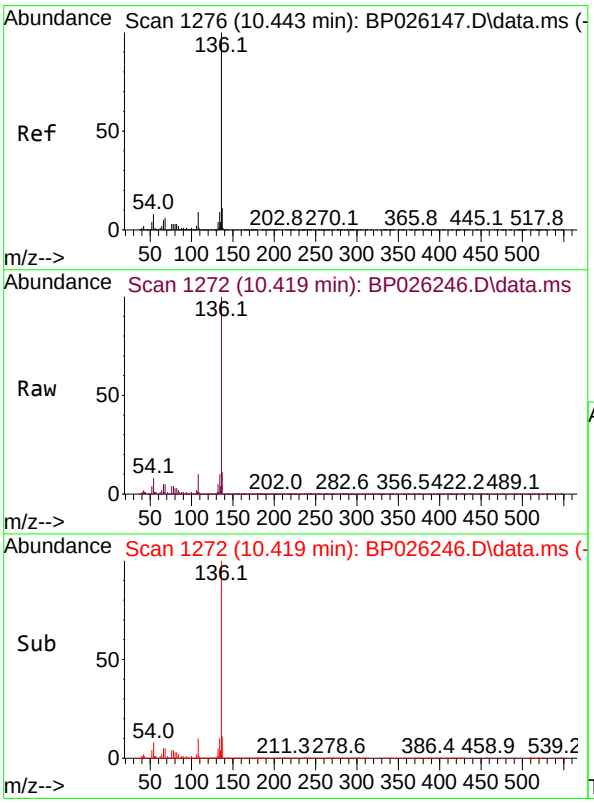
#7
Phenol-d6
Concen: 53.613 ng
RT: 6.843 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion: 99 Resp: 1194351

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.9	19.3
71	32.6	24.8	37.2

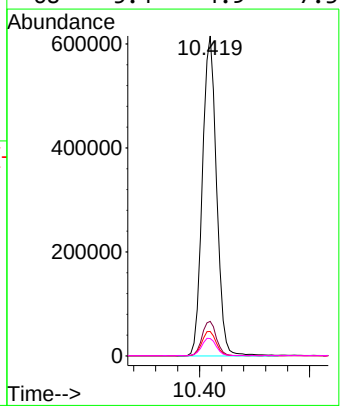


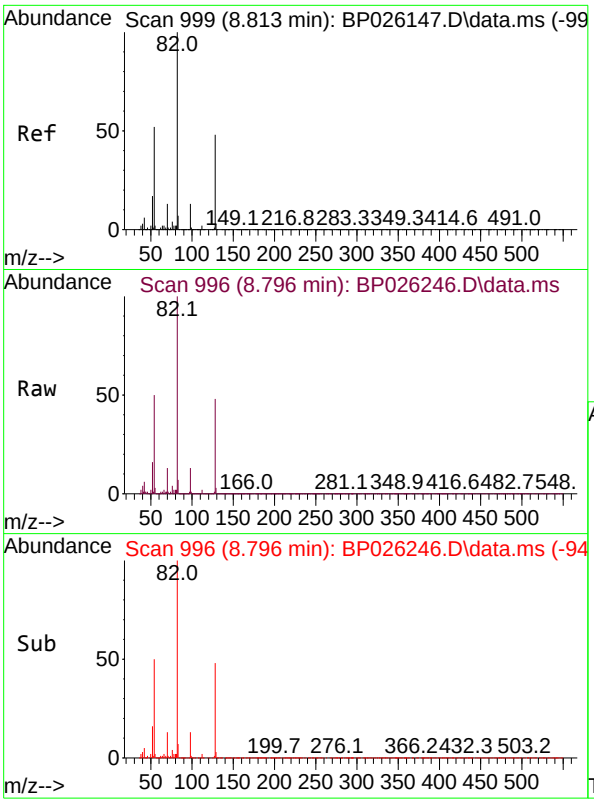


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:136 Resp: 1097783

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	6.4	9.6
68	5.4	4.9	7.3



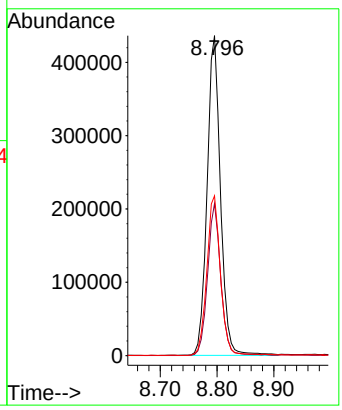


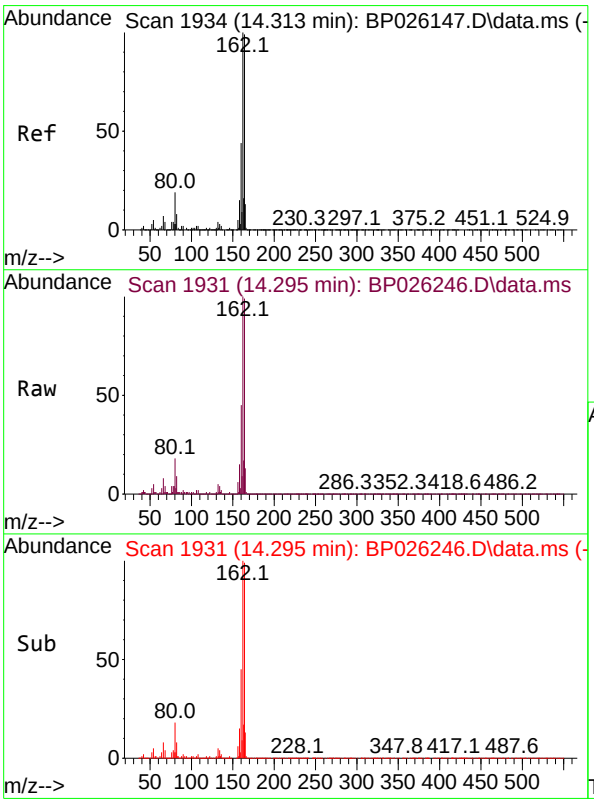
#23
Nitrobenzene-d5
Concen: 37.068 ng
RT: 8.796 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion: 82 Resp: 714903

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	49.9	41.6	62.4

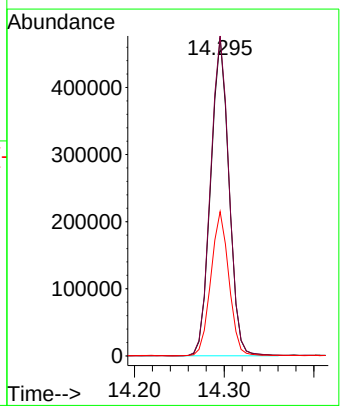


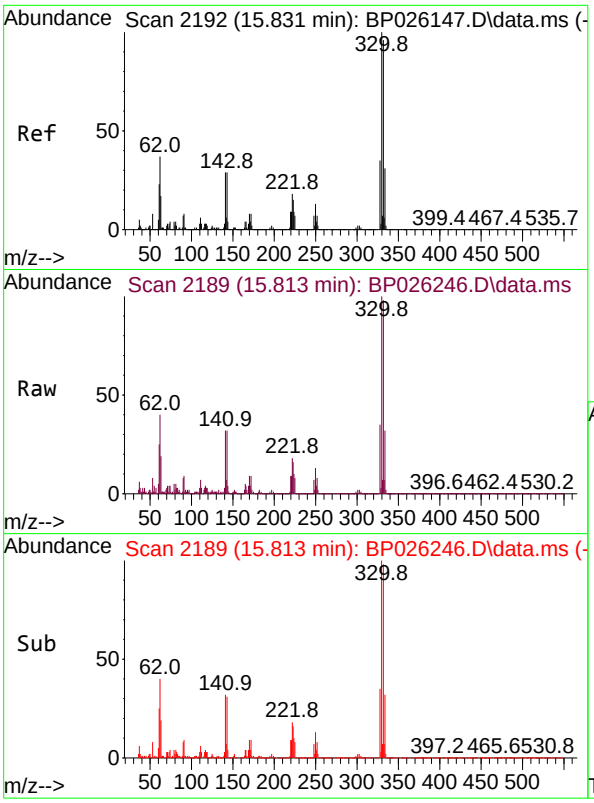


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.295 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:164 Resp: 668911

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.3	120.5
160	45.3	35.2	52.8



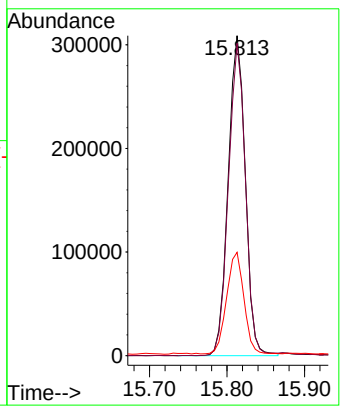


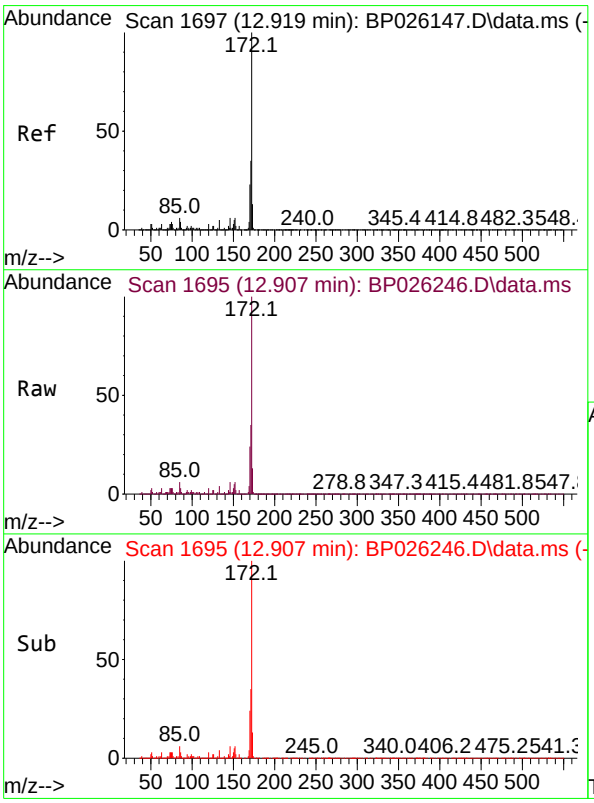
#42
2,4,6-Tribromophenol
Concen: 54.767 ng
RT: 15.813 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion:330 Resp: 476420

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	32.0	26.8	40.2

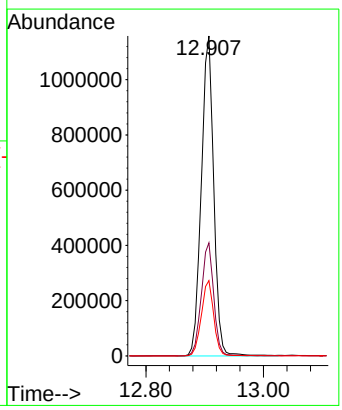


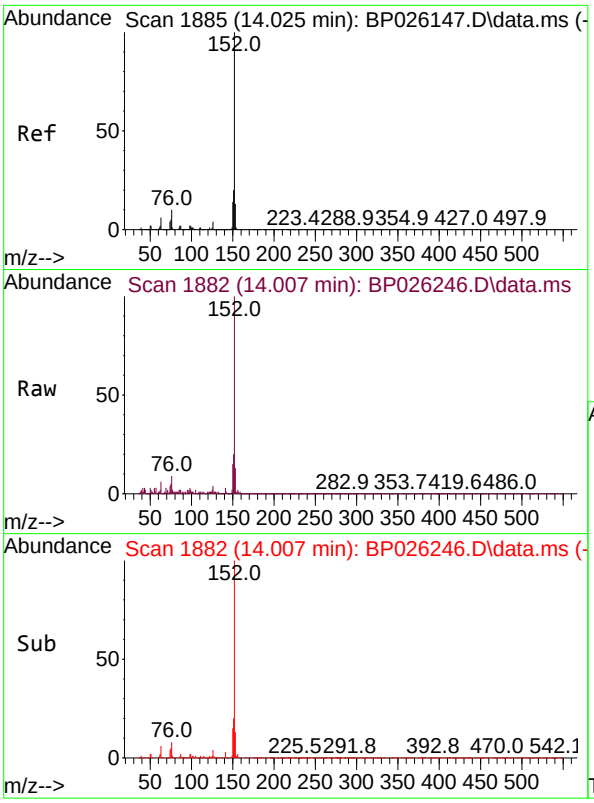


#45
2-Fluorobiphenyl
Concen: 36.936 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:172 Resp: 1699355

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



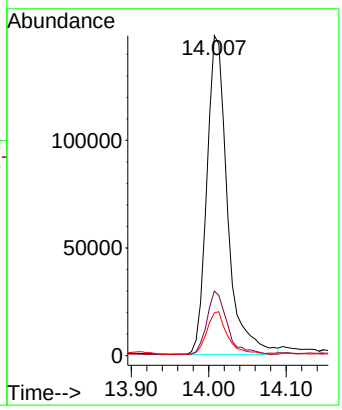


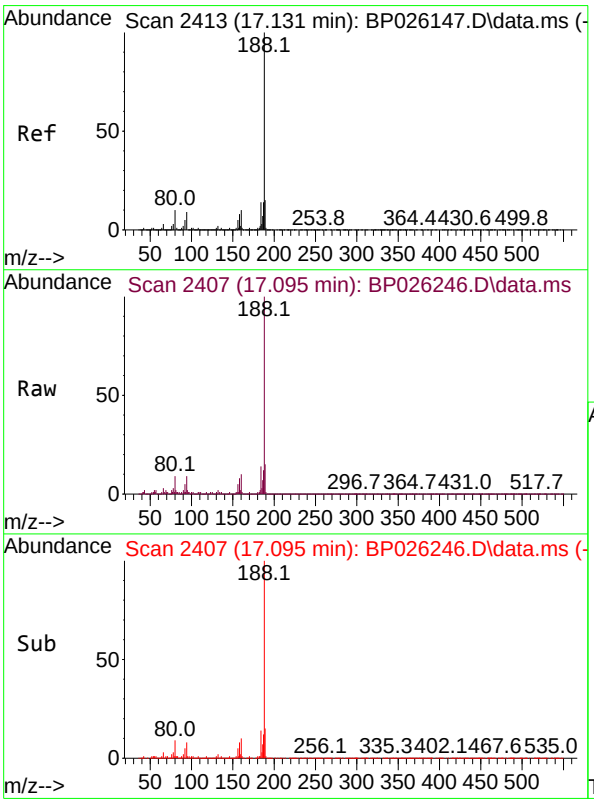
#49
Acenaphthylene
Concen: 4.208 ng
RT: 14.007 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion:152 Resp: 274816

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.3	10.6	16.0

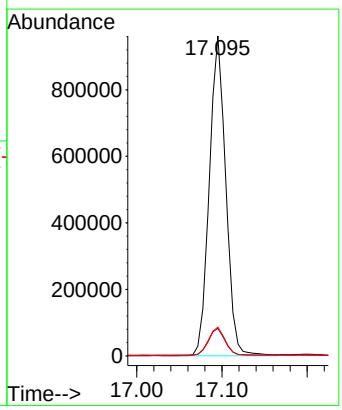


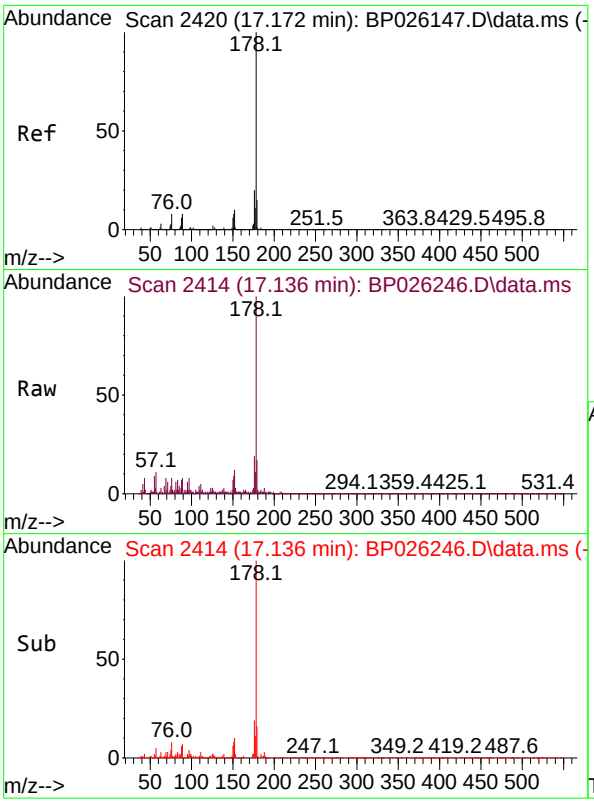


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:188 Resp: 1289518

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.8	11.6
80	9.0	8.2	12.2



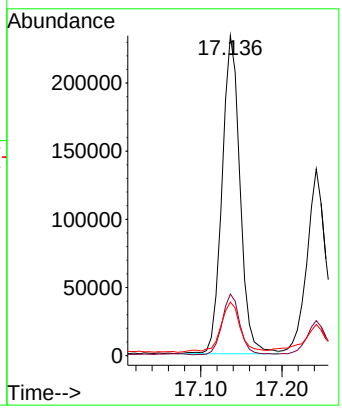


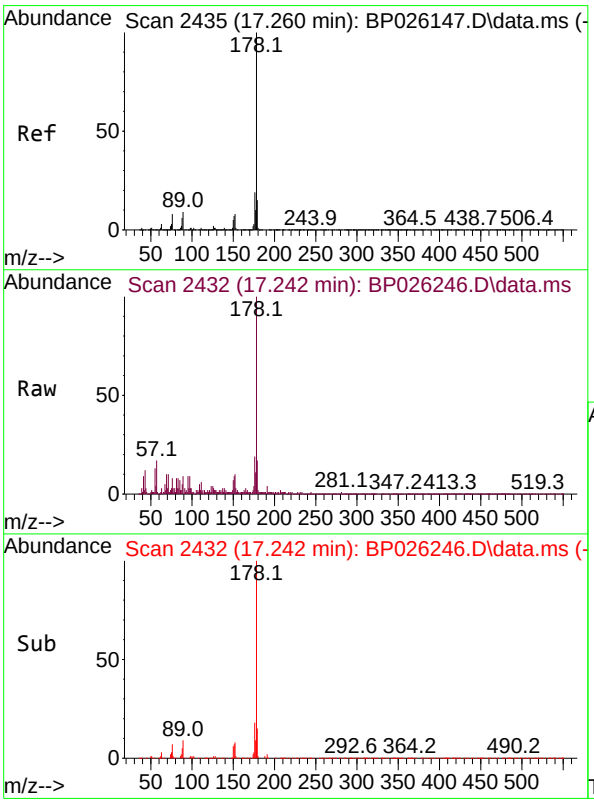
#71
Phenanthrene
Concen: 4.941 ng
RT: 17.136 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion:178 Resp: 359226

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.7	12.4	18.6

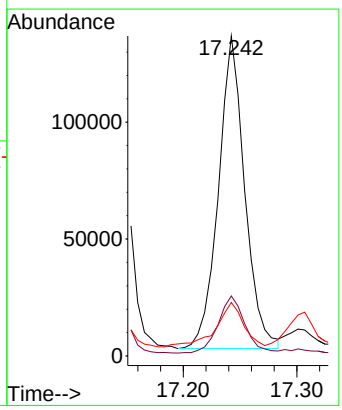


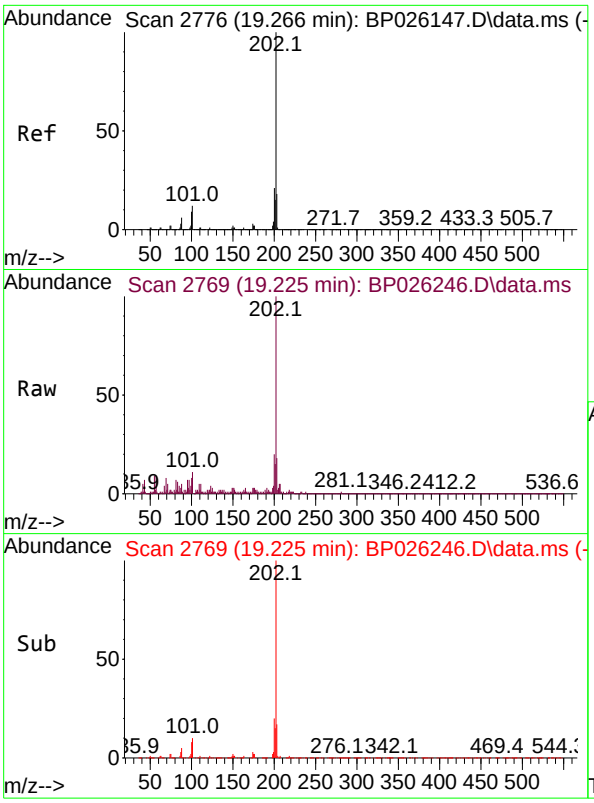


#72
Anthracene
Concen: 2.909 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.012 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:178 Resp: 215394

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	16.7	12.2	18.4



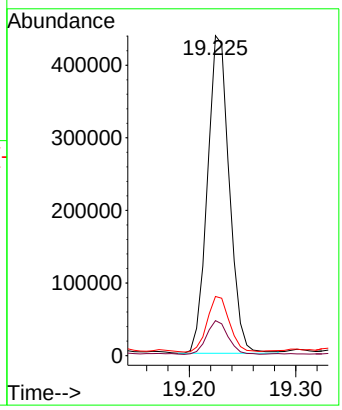


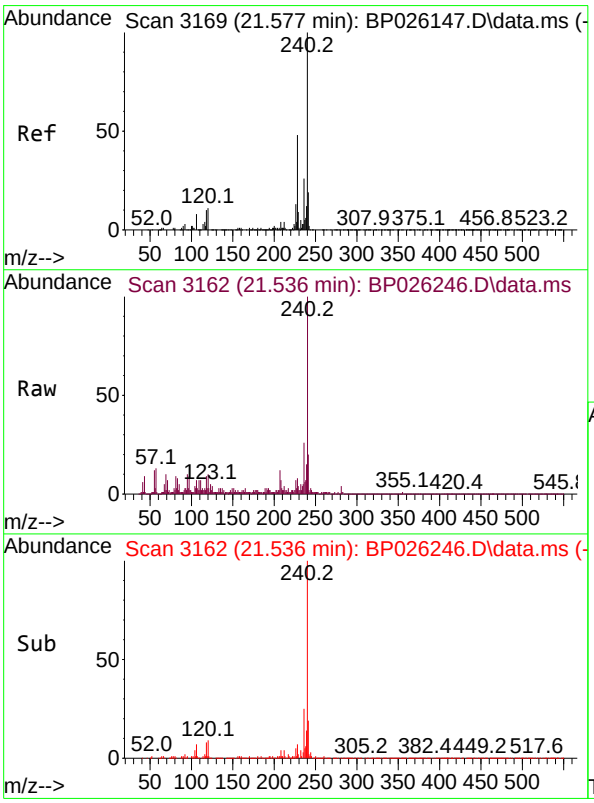
#75
Fluoranthene
Concen: 7.058 ng
RT: 19.225 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion:202 Resp: 624412

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.2
203	18.5	0.0	37.7

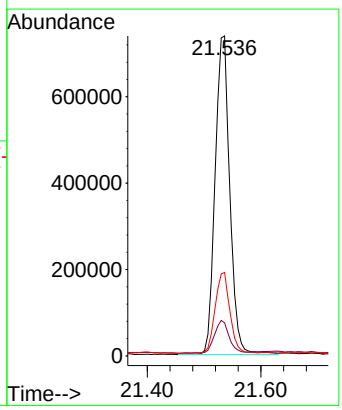


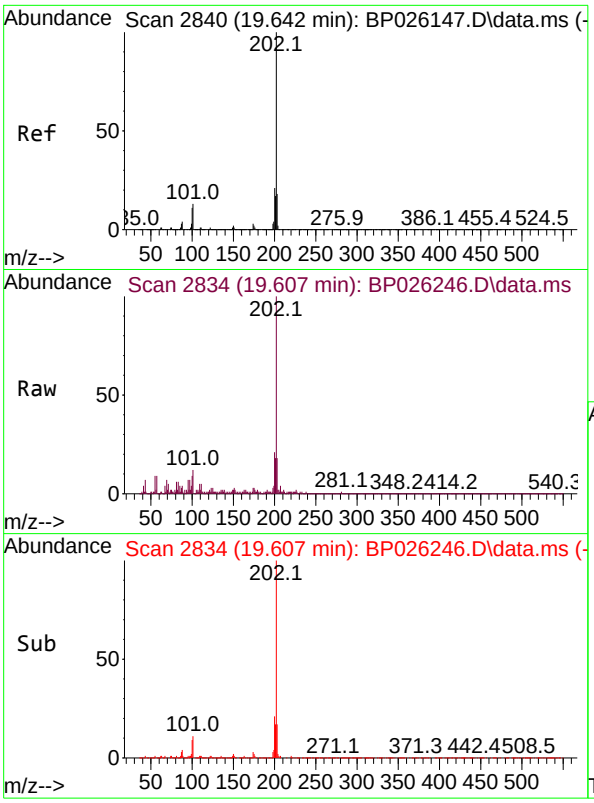


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:240 Resp: 1321960

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.4
236	26.1	20.4	30.6



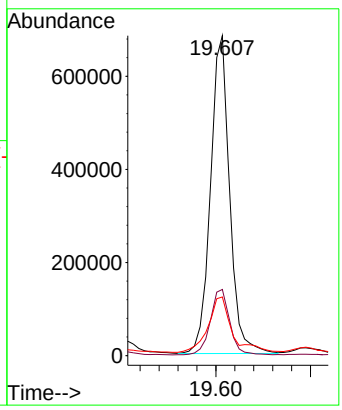


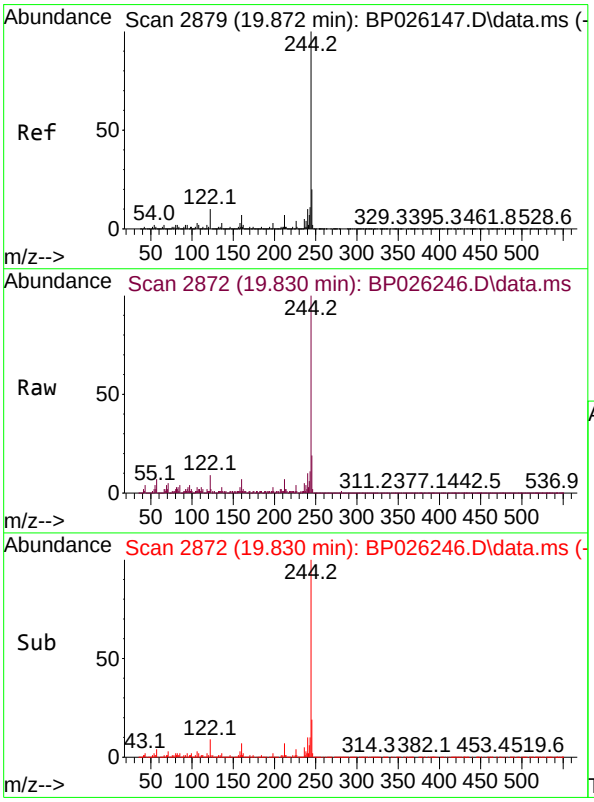
#78
Pyrene
Concen: 11.111 ng
RT: 19.607 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion:202 Resp: 957181

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	18.3	13.8	20.8

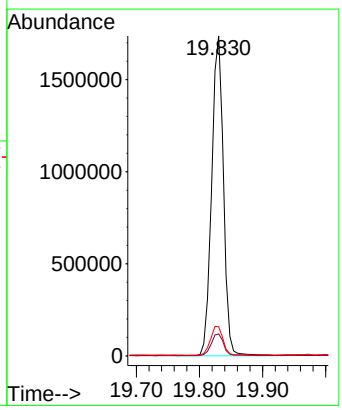


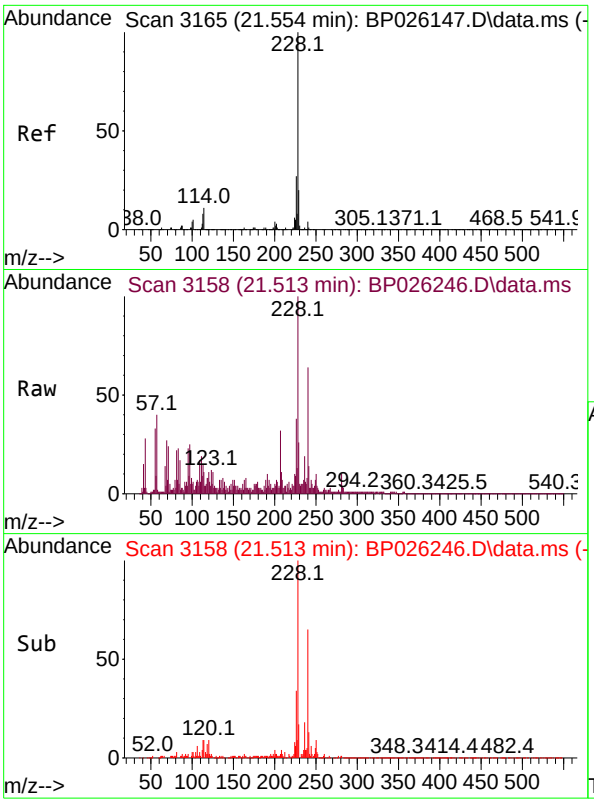


#79
Terphenyl-d14
Concen: 34.847 ng
RT: 19.830 min Scan# 2872
Delta R.T. -0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:244 Resp: 2253796

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.1	8.2	12.2



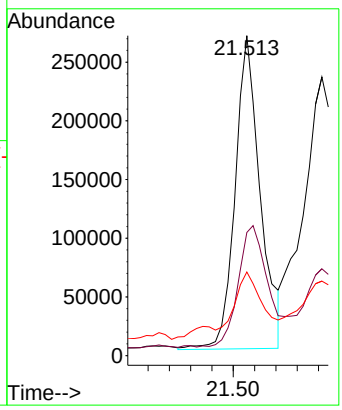


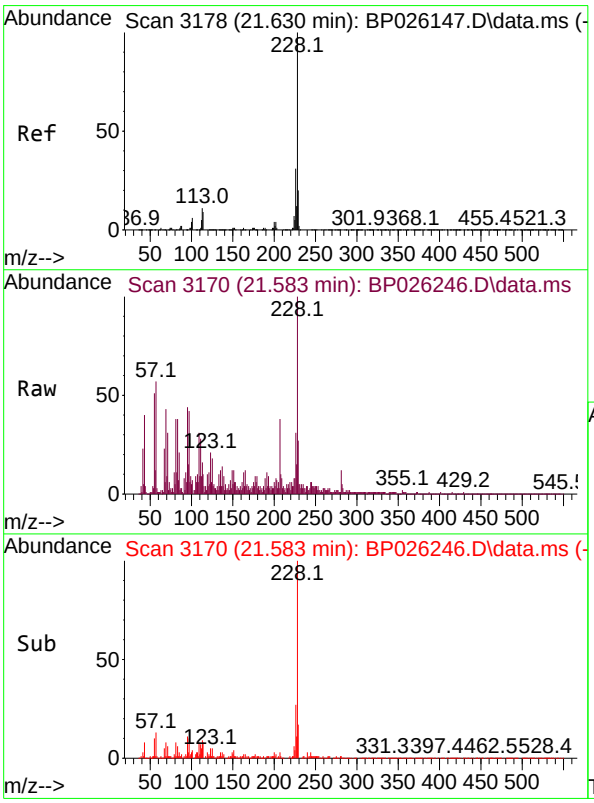
#81
Benzo(a)anthracene
Concen: 4.807 ng
RT: 21.513 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion:228 Resp: 435906

Ion	Ratio	Lower	Upper
228	100		
226	38.5	21.8	32.8#
229	26.1	15.9	23.9#

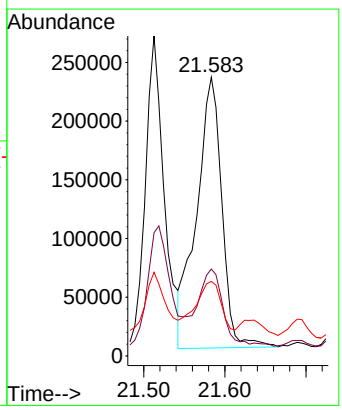


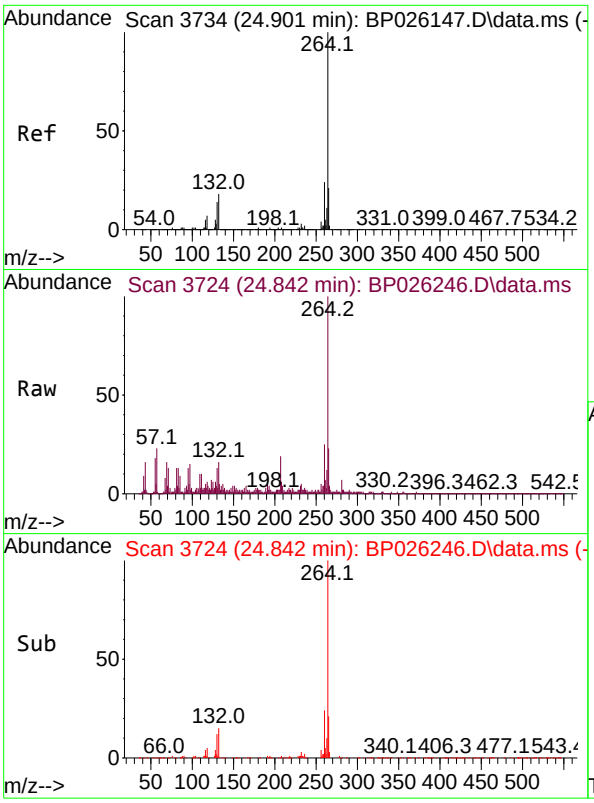


#83
Chrysene
Concen: 5.854 ng
RT: 21.583 min Scan# 3170
Delta R.T. -0.000 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:228 Resp: 502672

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	26.7	15.9	23.9#



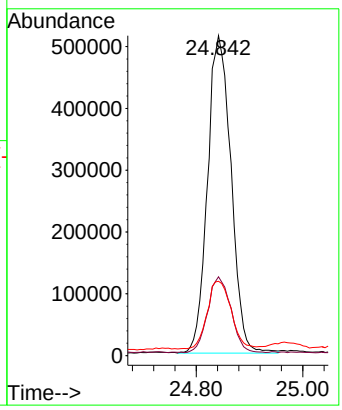


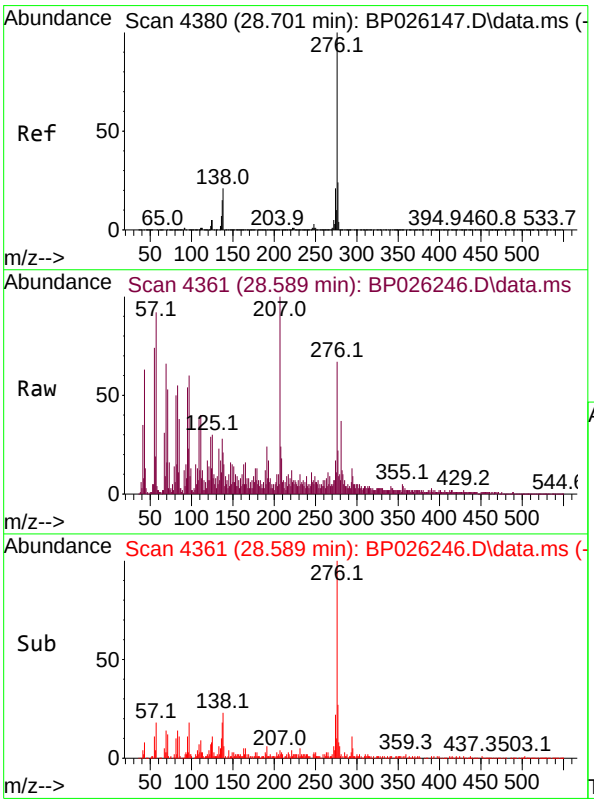
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.842 min Scan# 3
Delta R.T. 0.017 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion:264 Resp: 1575546

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	23.2	17.5	26.3

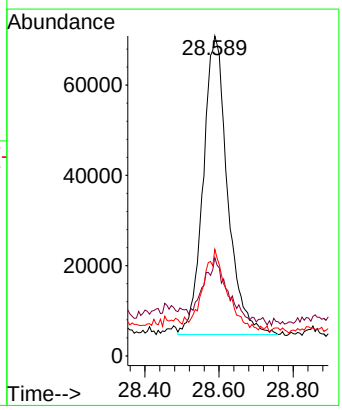


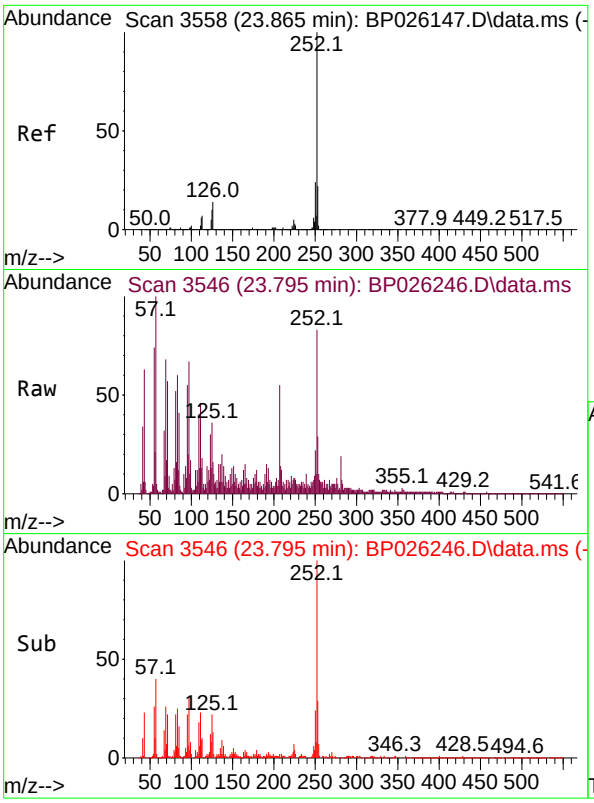


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.539 ng
RT: 28.589 min Scan# 4361
Delta R.T. 0.006 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:276 Resp: 302371

Ion	Ratio	Lower	Upper
276	100		
138	19.7	13.8	20.8
277	25.7	16.7	25.1#



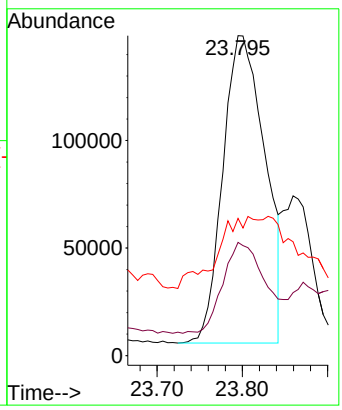


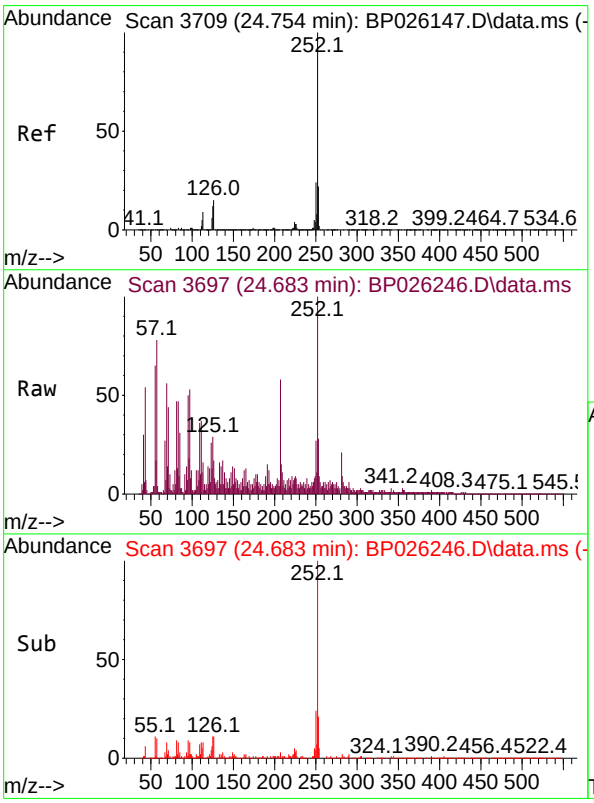
#88
Benzo(b)fluoranthene
Concen: 5.120 ng
RT: 23.795 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion:252 Resp: 490236

Ion	Ratio	Lower	Upper
252	100		
253	35.4	17.6	26.4#
125	42.9	8.2	12.4#

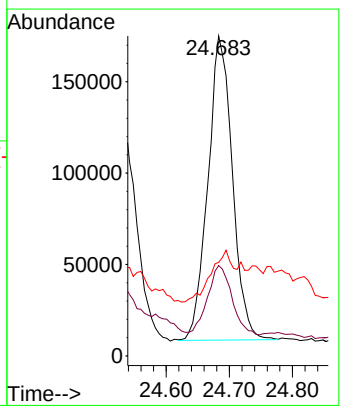


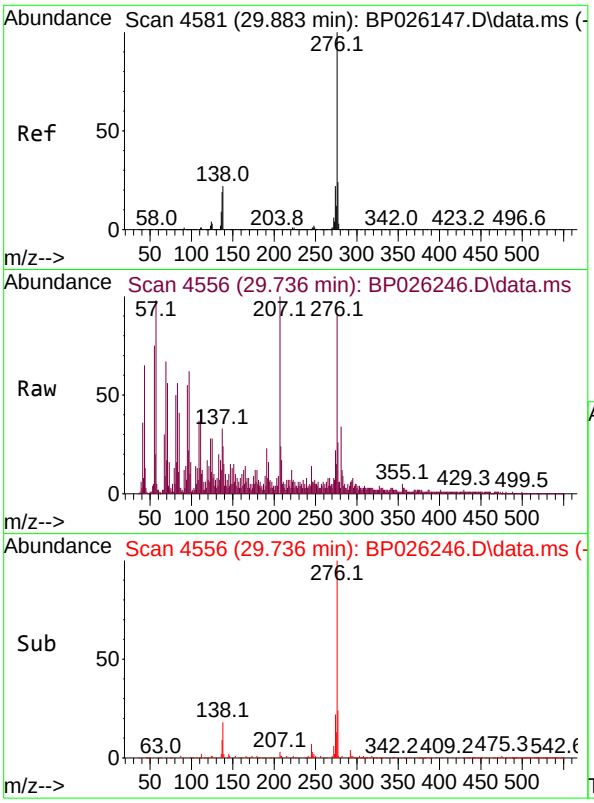


#90
Benzo(a)pyrene
Concen: 4.946 ng
RT: 24.683 min Scan# 3697
Delta R.T. -0.000 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Tgt Ion:252 Resp: 449123

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.4	26.2#
125	29.2	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 4.217 ng
RT: 29.736 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP026246.D
Acq: 05 Dec 2025 20:14

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Tgt Ion:276 Resp: 409444

Ion	Ratio	Lower	Upper
276	100		
277	28.3	18.8	28.2#
138	27.0	17.8	26.6#