Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026235.D
Acq On : 03 Dec 2025 20:24
Operator : RC/JU
Sample : Q3741-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Quant Time: Dec 04 00:06:26 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	316661	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1283087	20.000	ng	-0.02
39) Acenaphthene-d10	14.284	164	788396	20.000	ng	-0.04
64) Phenanthrene-d10	17.089	188	1231674	20.000	ng	-0.04
76) Chrysene-d12	21.530	240	1204285	20.000	ng	-0.04
86) Perylene-d12	24.824	264	1573376	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1115841	56.560	ng	0.00
7) Phenol-d6	6.837	99	1922623	76.550	ng	-0.02
23) Nitrobenzene-d5	8.790	82	1210164	53.574	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	424939	41.549	ng	-0.03
45) 2-Fluorobiphenyl	12.901	172	3171234	58.952	ng	-0.03
79) Terphenyl-d14	19.825	244	3162222	53.542	ng	-0.05
Target Compounds						Qvalue
11) bis(2-Chloroethyl)ether	7.114	93	52987	2.501	ng	# 23
63) Azobenzene	15.672	77	179629	3.591	ng	# 1
71) Phenanthrene	17.137	178	756617	10.905	ng	100
75) Fluoranthene	19.225	202	922915	10.948	ng	98
78) Pyrene	19.601	202	854132	10.817	ng	99
81) Benzo(a)anthracene	21.513	228	535889	6.479	ng	96
83) Chrysene	21.513	228	535889	6.875	ng	97
87) Indeno(1,2,3-cd)pyrene	28.554	276	435240	3.689	ng	# 92
88) Benzo(b)fluoranthene	23.783	252	775080	8.089	ng	97
89) Benzo(k)fluoranthene	23.854	252	268169	2.802	ng	# 91
90) Benzo(a)pyrene	24.671	252	657636	7.246	ng	96
92) Benzo(g,h,i)perylene	29.712	276	412184	4.293	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
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Misc :
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Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Quant Time: Dec 04 00:06:26 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
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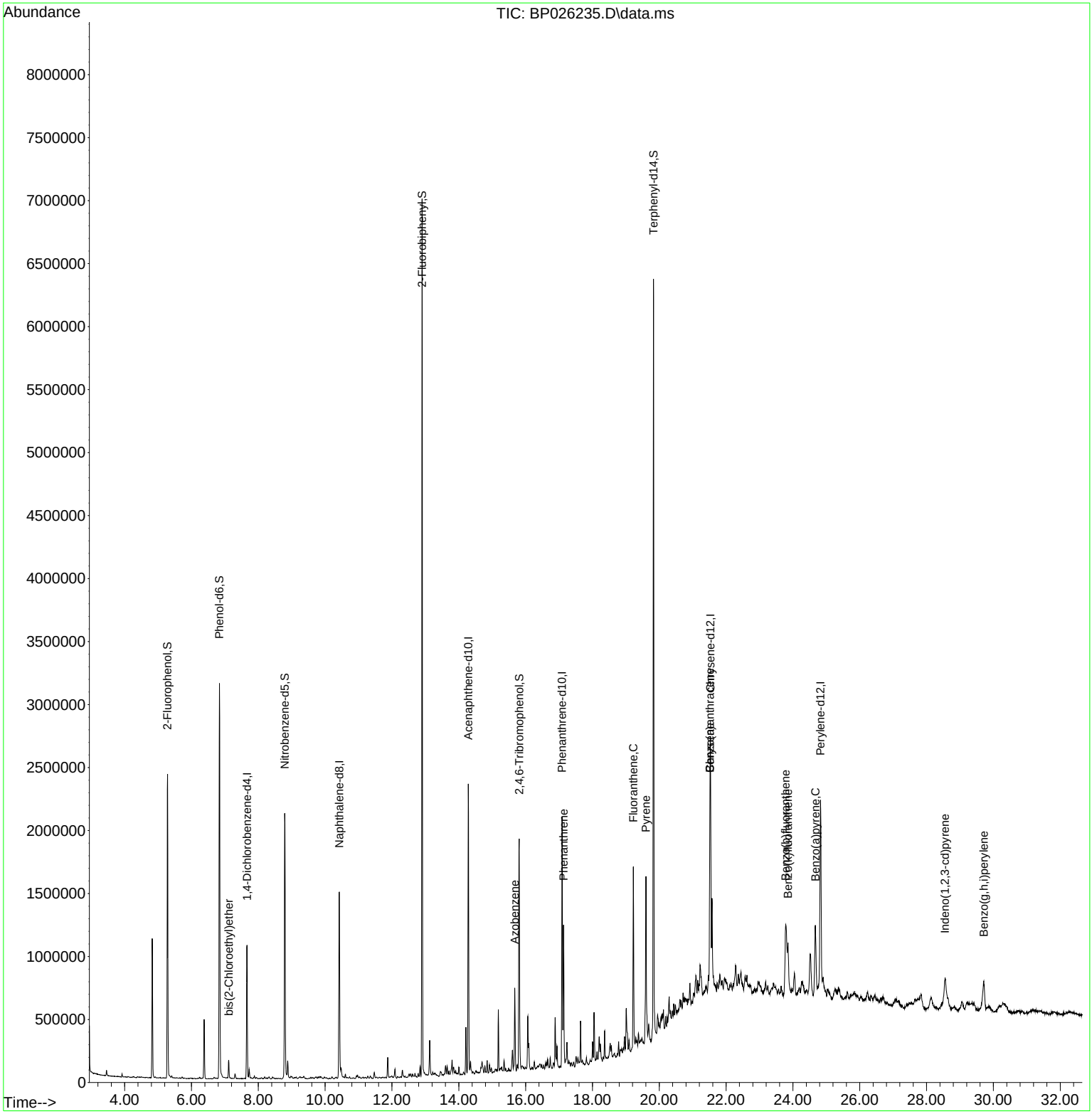
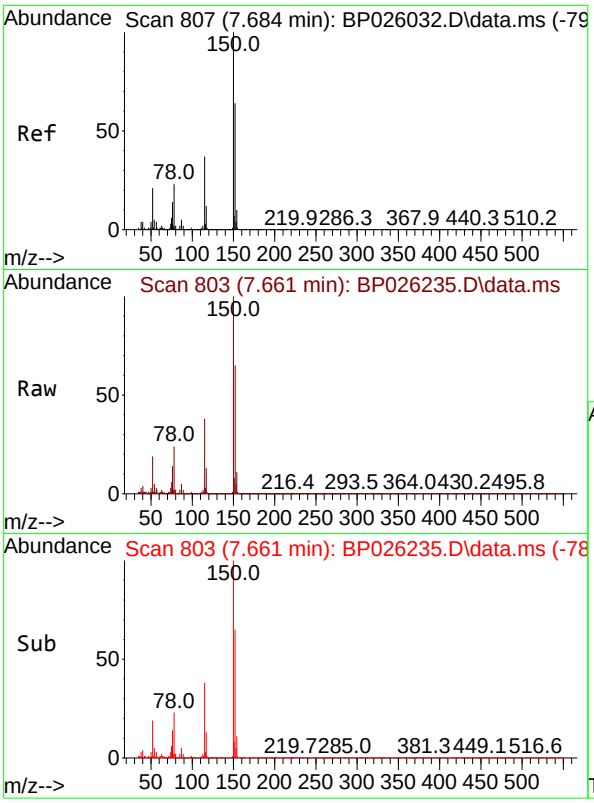


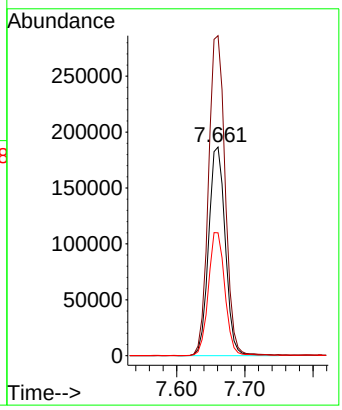


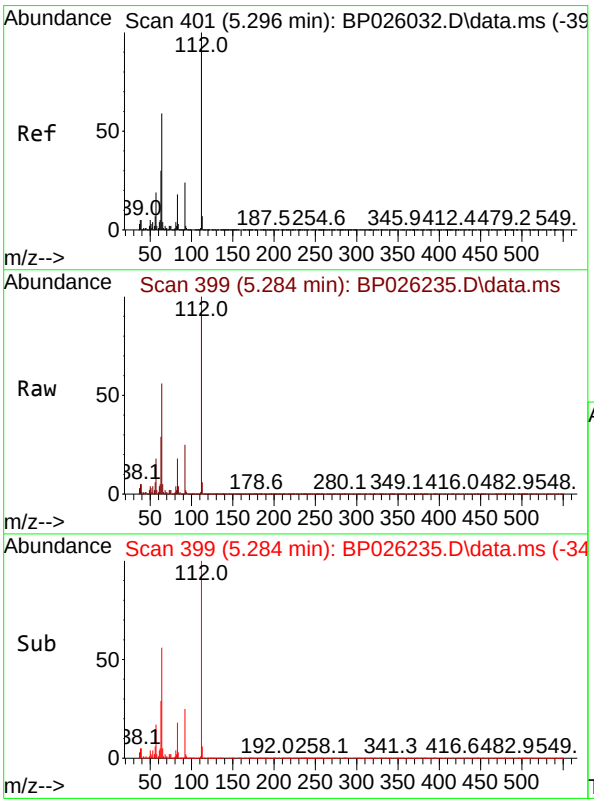
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 8
Delta R.T. -0.011 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:152 Resp: 316661

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.0	184.6
115	58.9	46.3	69.5

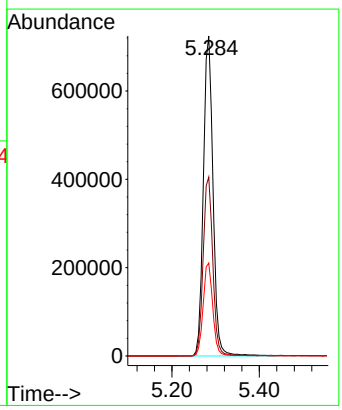


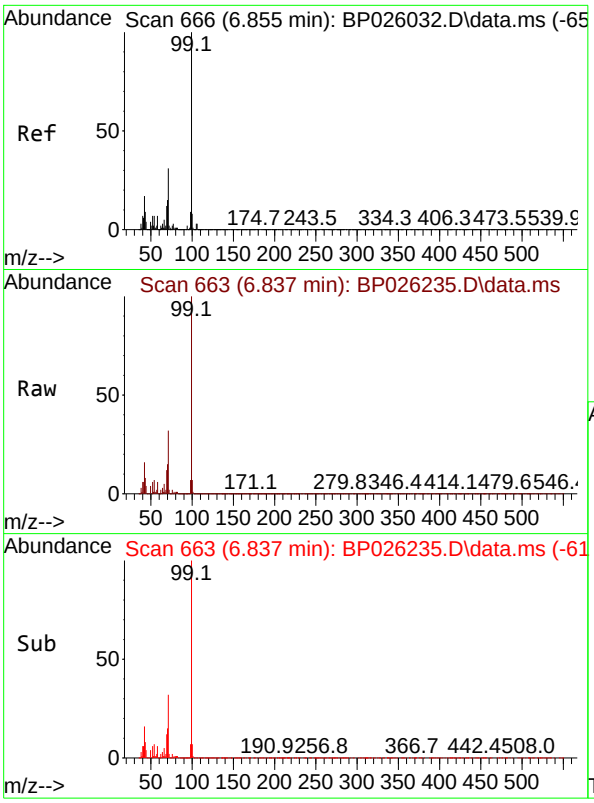


#5
2-Fluorophenol
Concen: 56.560 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:112 Resp: 1115841

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.8	68.6
63	29.0	23.5	35.3



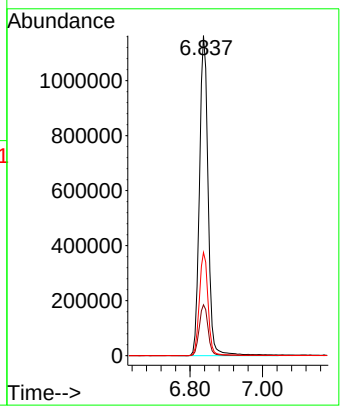


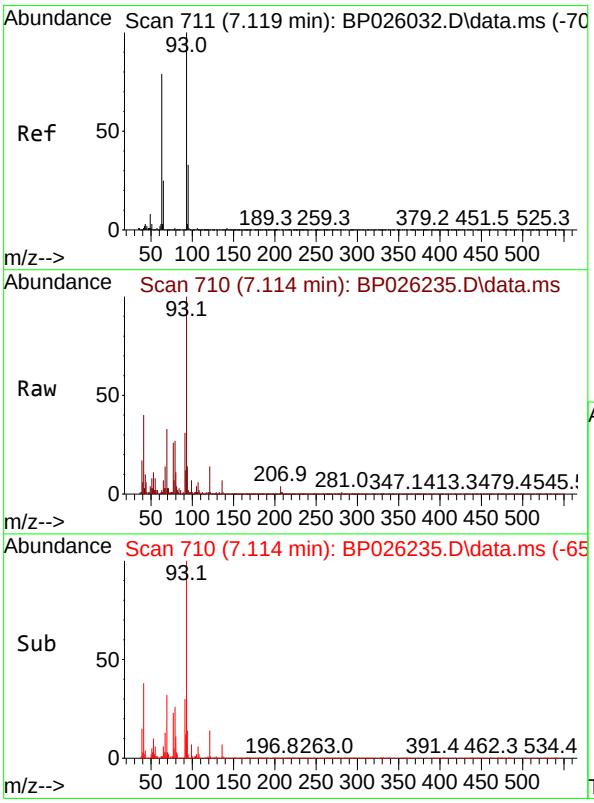
#7
Phenol-d6
Concen: 76.550 ng
RT: 6.837 min Scan# 6
Delta R.T. -0.017 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion: 99 Resp: 1922623

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.9	19.3
71	32.3	24.8	37.2

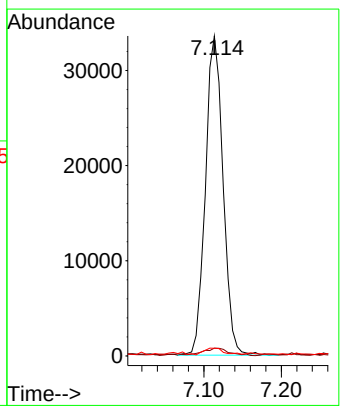


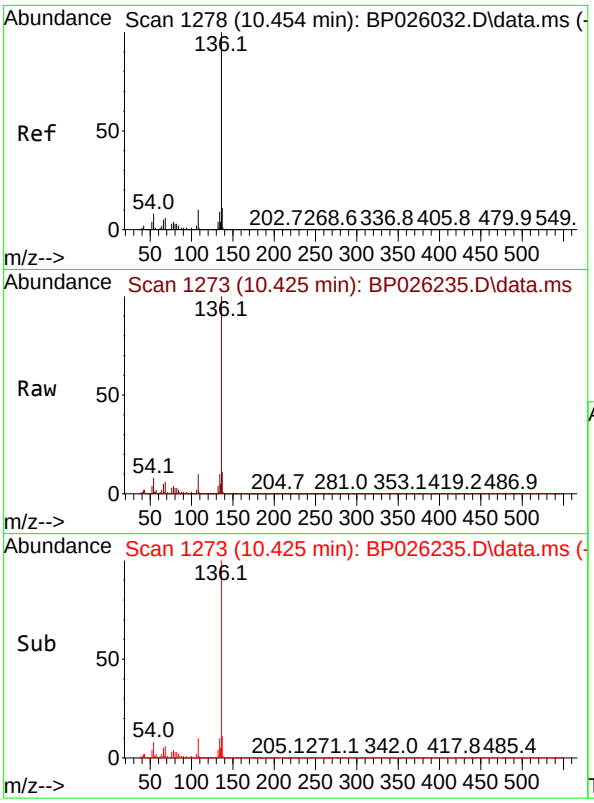


#11
bis(2-Chloroethyl)ether
Concen: 2.501 ng
RT: 7.114 min Scan# 710
Delta R.T. 0.018 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion: 93 Resp: 52987

Ion	Ratio	Lower	Upper
93	100		
63	2.5	58.8	98.8#
95	2.4	12.1	52.1#



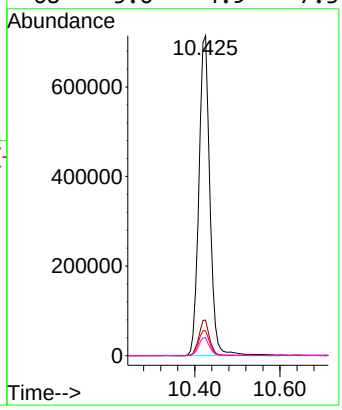


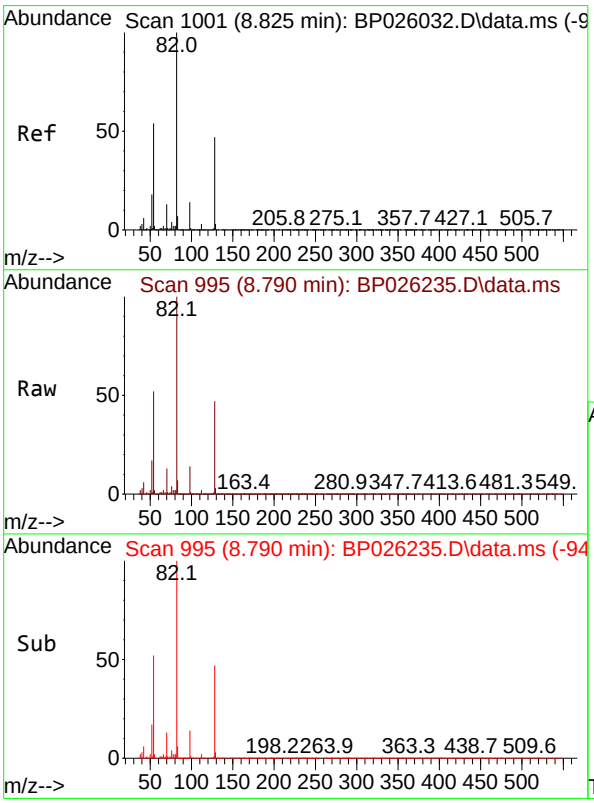
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:136 Resp: 1283087

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	6.4	9.6
68	5.6	4.9	7.3

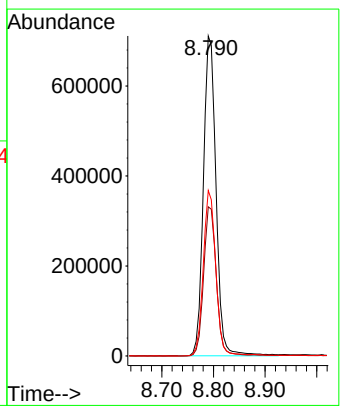


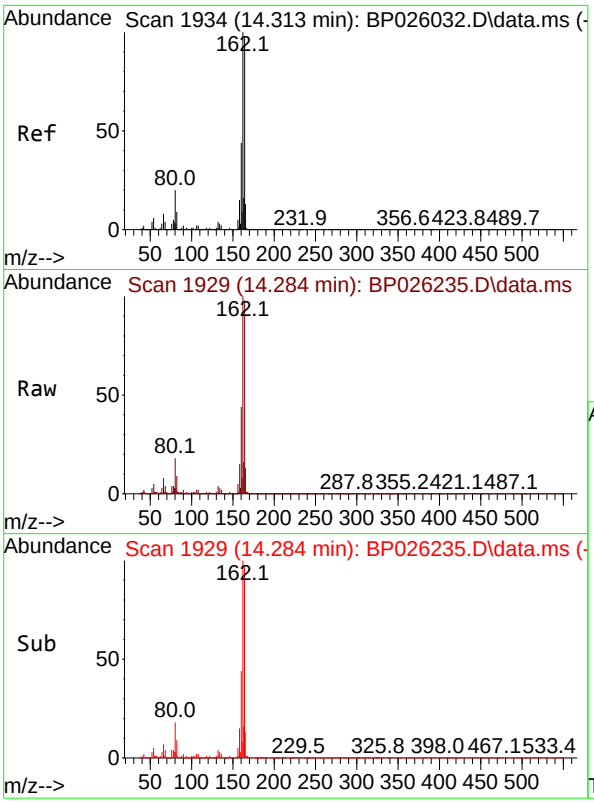


#23
Nitrobenzene-d5
Concen: 53.574 ng
RT: 8.790 min Scan# 995
Delta R.T. -0.023 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion: 82 Resp: 1210164

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	51.7	41.6	62.4



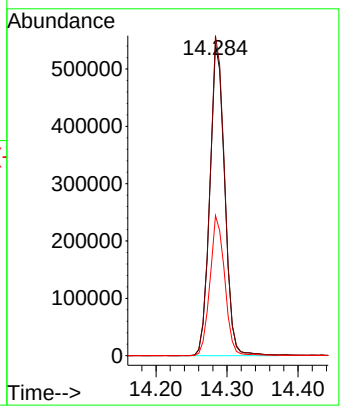


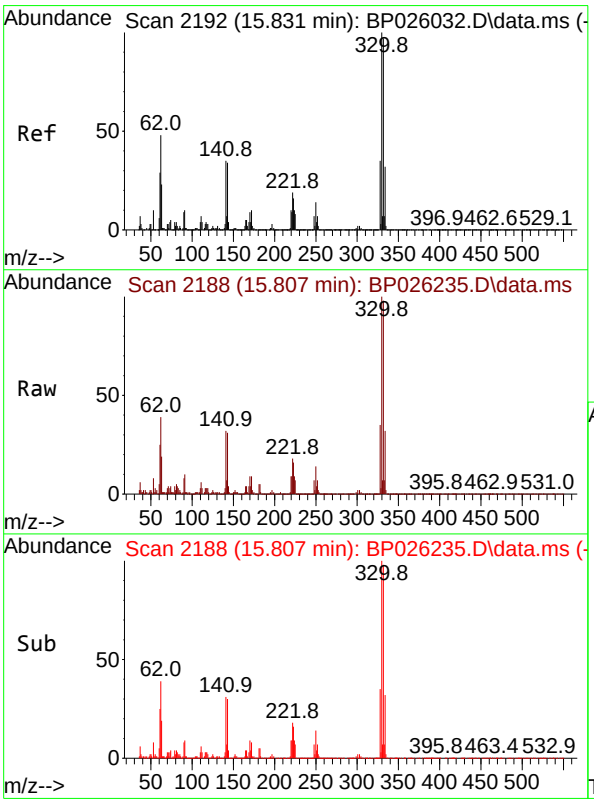
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:164 Resp: 788396

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.3	120.5
160	44.9	35.2	52.8

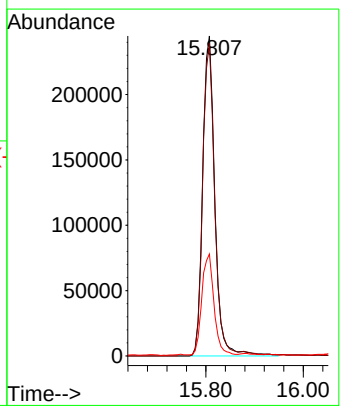


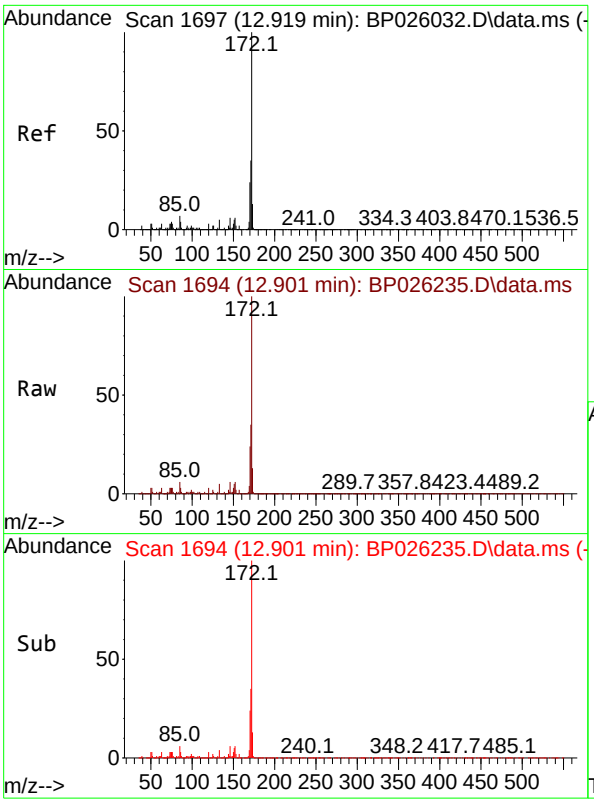


#42
2,4,6-Tribromophenol
Concen: 41.549 ng
RT: 15.807 min Scan# 2188
Delta R.T. -0.029 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:330 Resp: 424939

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.0	117.0
141	31.3	26.8	40.2



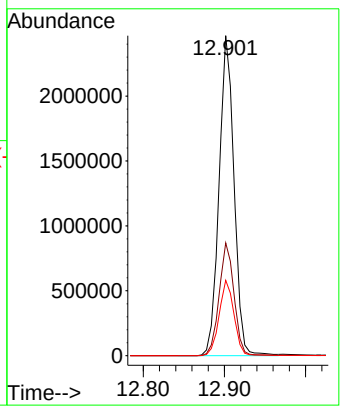


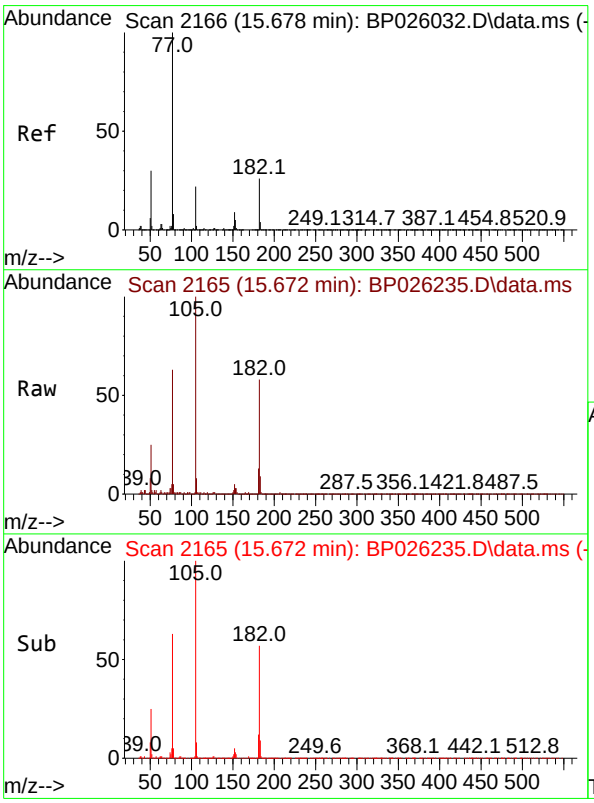
#45
2-Fluorobiphenyl
Concen: 58.952 ng
RT: 12.901 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:172 Resp: 3171234

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.5	18.7	28.1

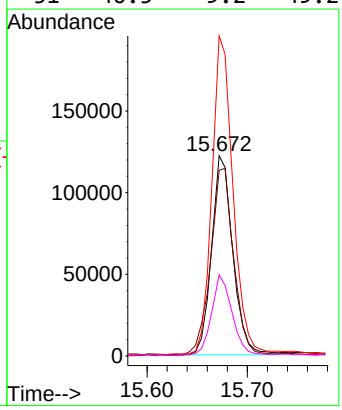


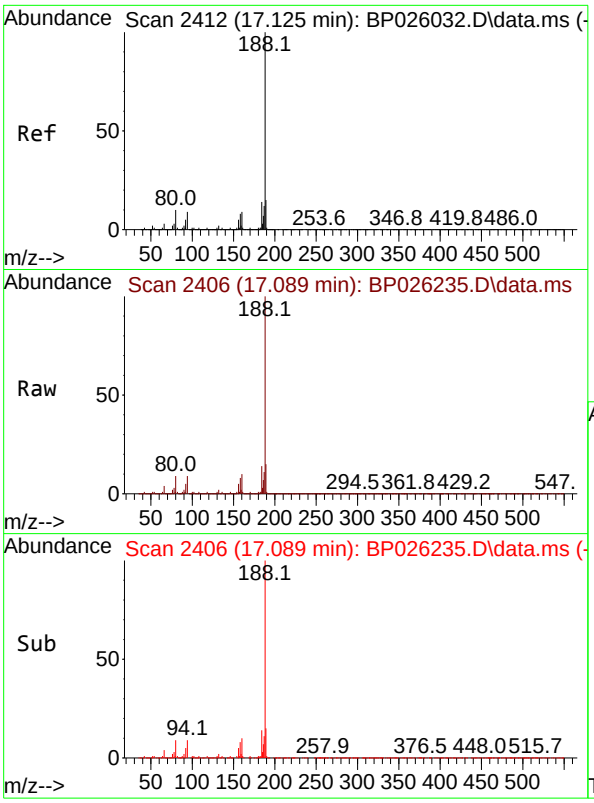


#63
Azobenzene
Concen: 3.591 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.017 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion: 77 Resp: 179629

Ion	Ratio	Lower	Upper
77	100		
182	92.7	8.8	48.8#
105	159.8	2.6	42.6#
51	40.5	9.2	49.2



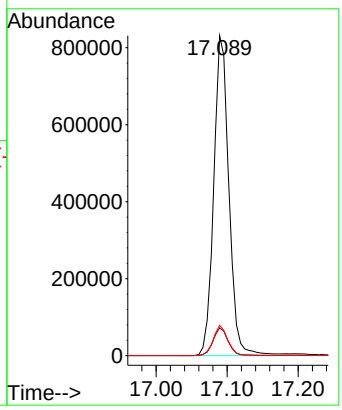


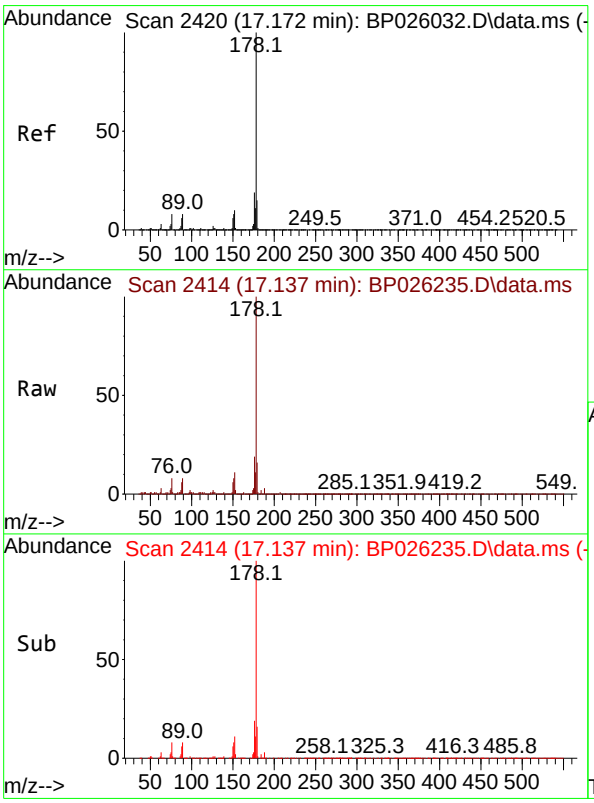
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 24
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:188 Resp: 1231674

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.6
80	9.5	8.2	12.2

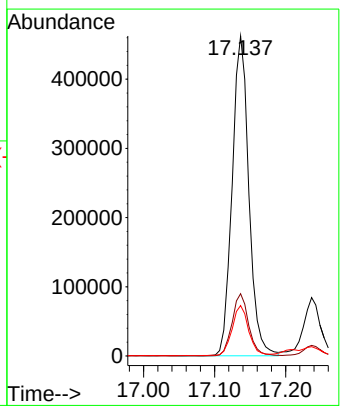


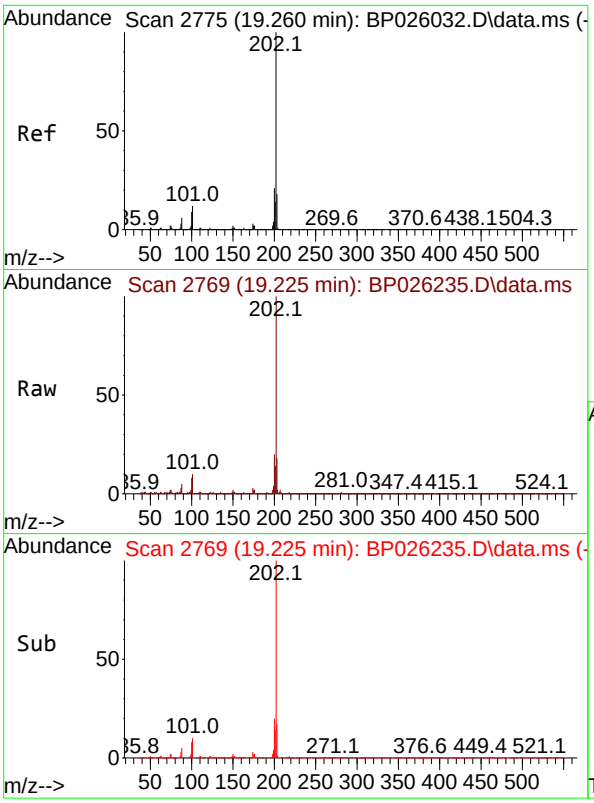


#71
Phenanthrene
Concen: 10.905 ng
RT: 17.137 min Scan# 2414
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:178 Resp: 756617

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.4	18.6



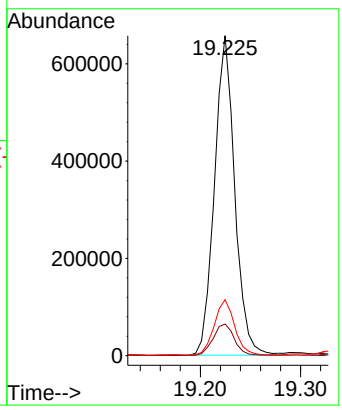


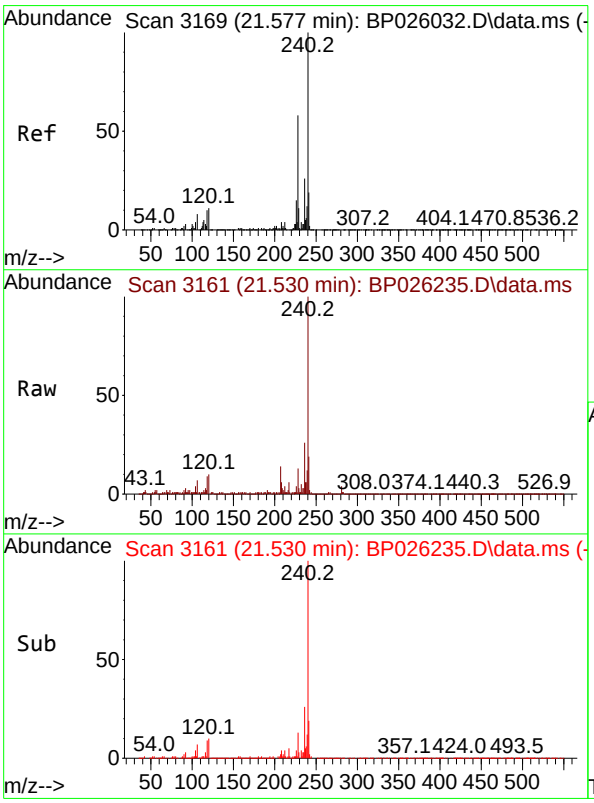
#75
Fluoranthene
Concen: 10.948 ng
RT: 19.225 min Scan# 2
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:202 Resp: 922915

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.2
203	17.5	0.0	37.7

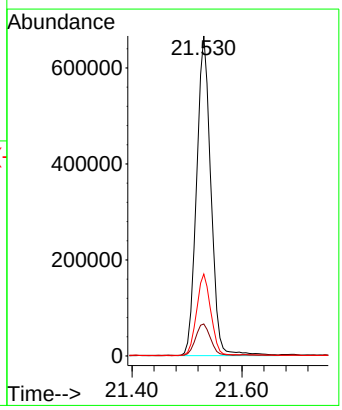


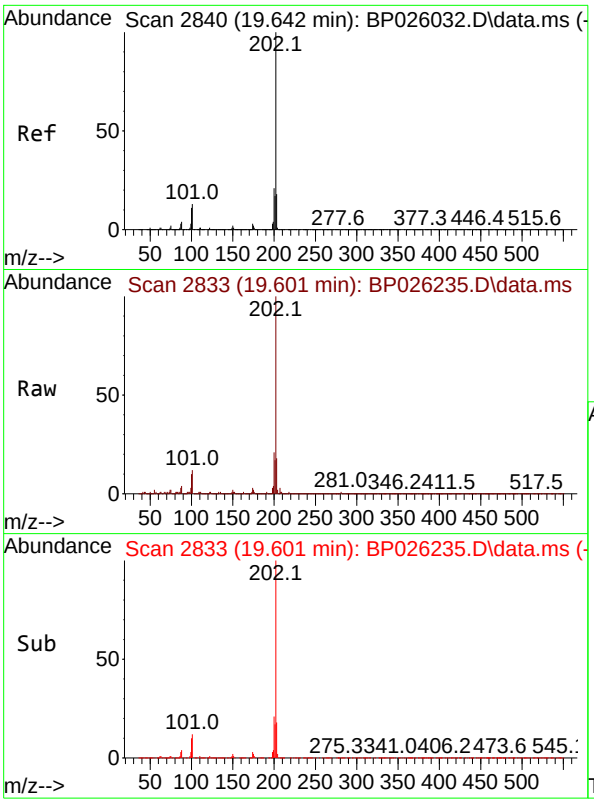


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:240 Resp: 1204285

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.0	13.4
236	25.6	20.4	30.6



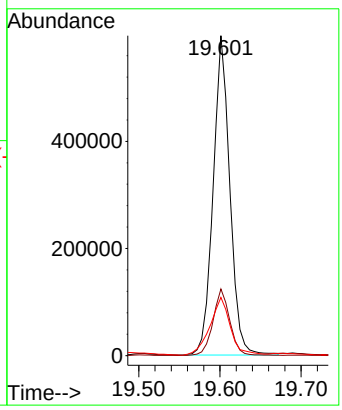


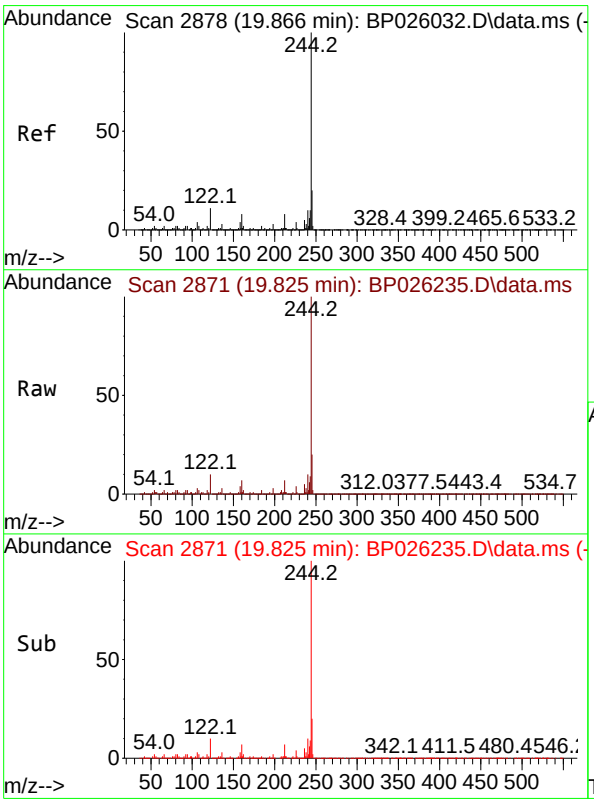
#78
Pyrene
Concen: 10.817 ng
RT: 19.601 min Scan# 2
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:202 Resp: 854132

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.2	13.8	20.8

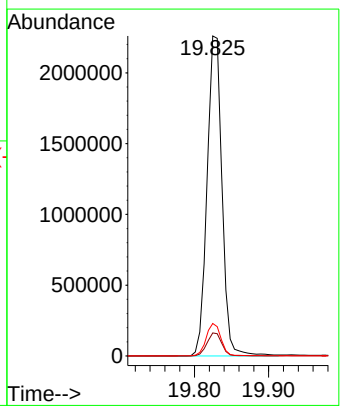


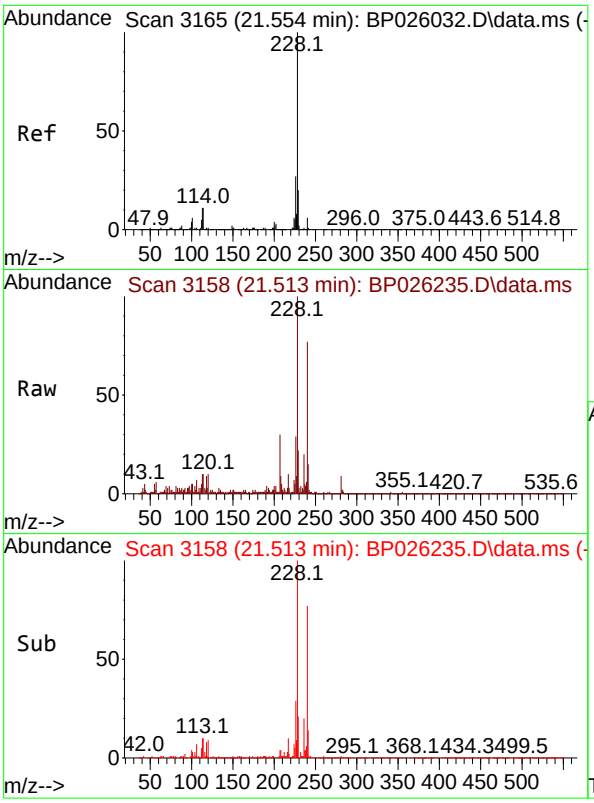


#79
Terphenyl-d14
Concen: 53.542 ng
RT: 19.825 min Scan# 2871
Delta R.T. -0.047 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:244 Resp: 3162222

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.2	8.2	12.2



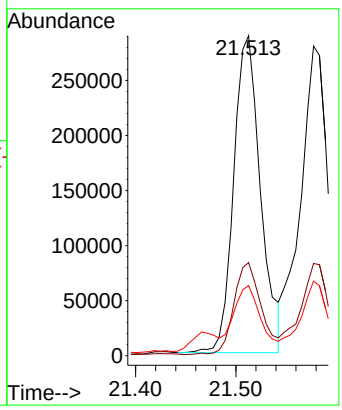


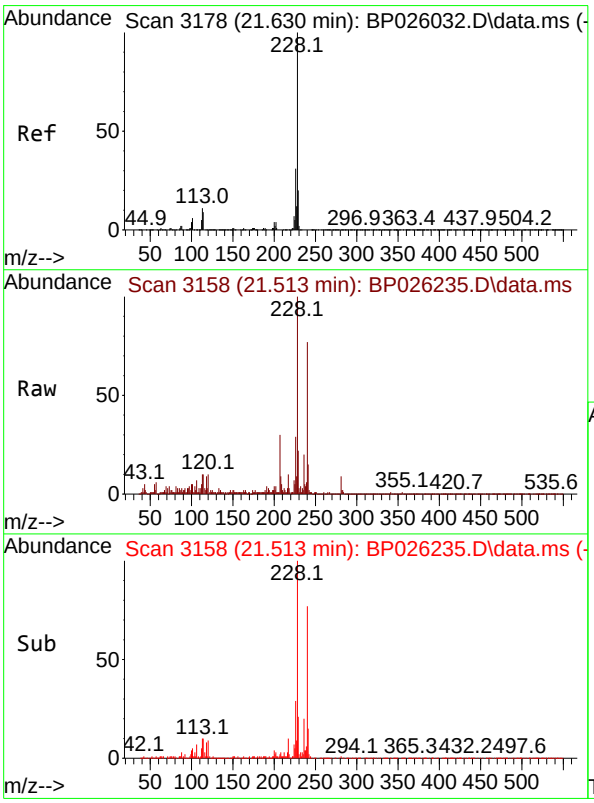
#81
Benzo(a)anthracene
Concen: 6.479 ng
RT: 21.513 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:228 Resp: 535889

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.8	32.8
229	21.9	15.9	23.9

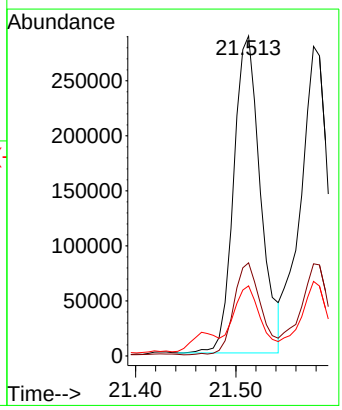


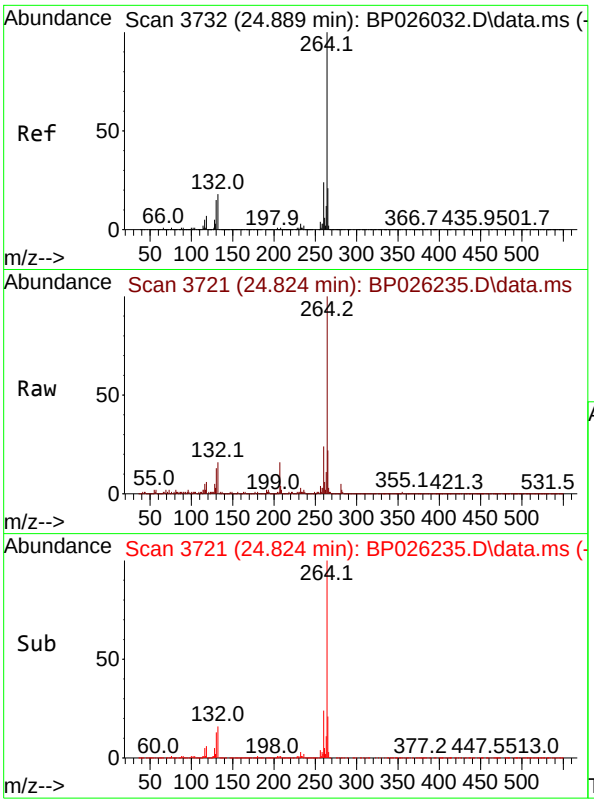


#83
Chrysene
Concen: 6.875 ng
RT: 21.513 min Scan# 3158
Delta R.T. -0.106 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:228 Resp: 535889

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	21.9	15.9	23.9



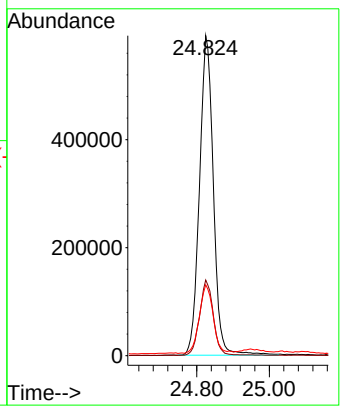


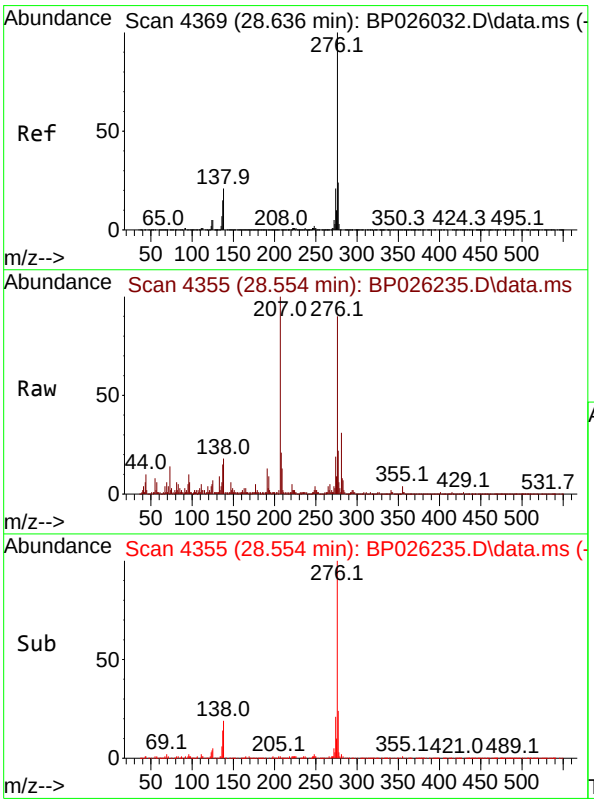
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.824 min Scan# 3
Delta R.T. -0.082 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:264 Resp: 1573376

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.1	17.5	26.3

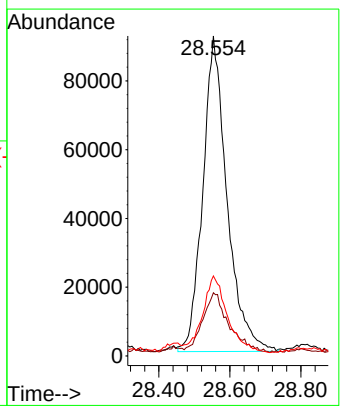


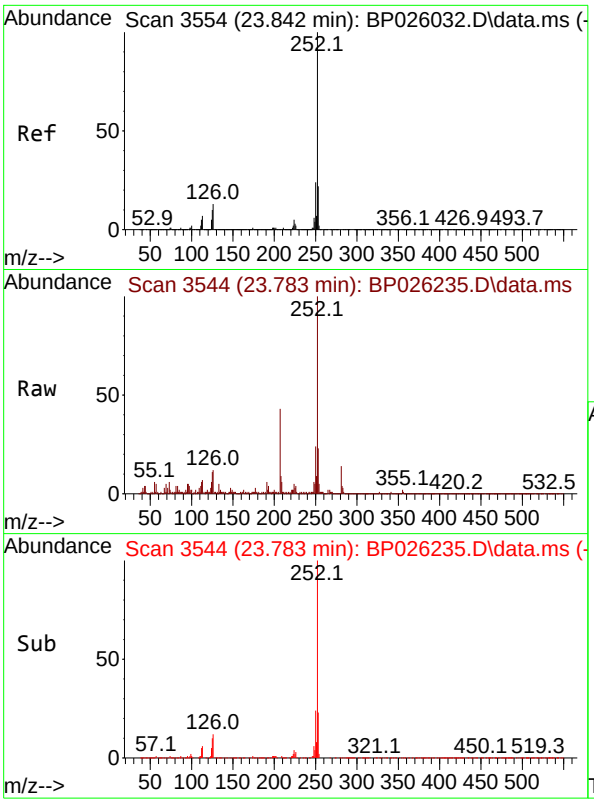


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.689 ng
RT: 28.554 min Scan# 4355
Delta R.T. -0.153 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:276 Resp: 435240

Ion	Ratio	Lower	Upper
276	100		
138	20.8	13.8	20.8#
277	24.9	16.7	25.1



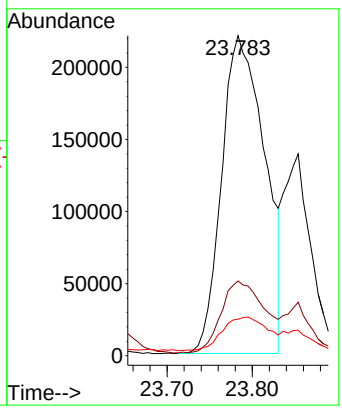


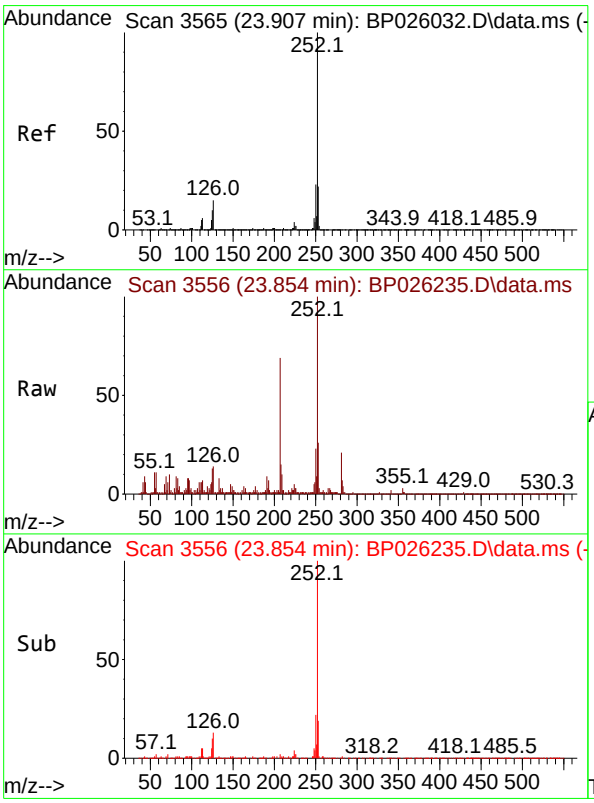
#88
Benzo(b)fluoranthene
Concen: 8.089 ng
RT: 23.783 min Scan# 3
Delta R.T. -0.082 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:252 Resp: 775080

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	11.4	8.2	12.4

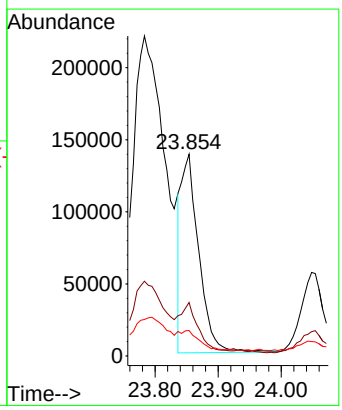


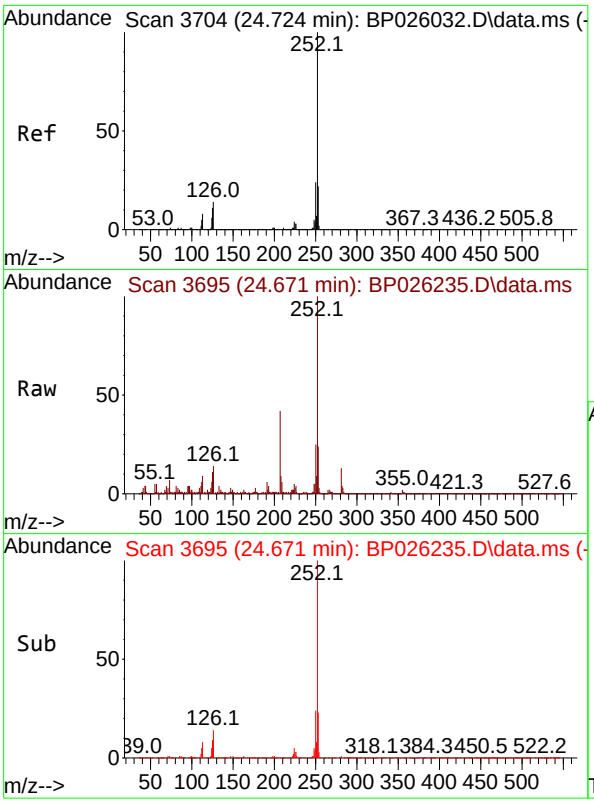


#89
Benzo(k)fluoranthene
Concen: 2.802 ng
RT: 23.854 min Scan# 3556
Delta R.T. -0.082 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:252 Resp: 268169

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.6	26.4#
125	12.6	7.5	11.3#



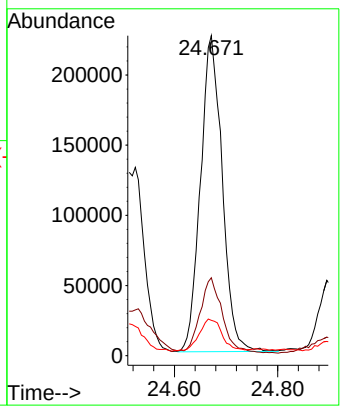


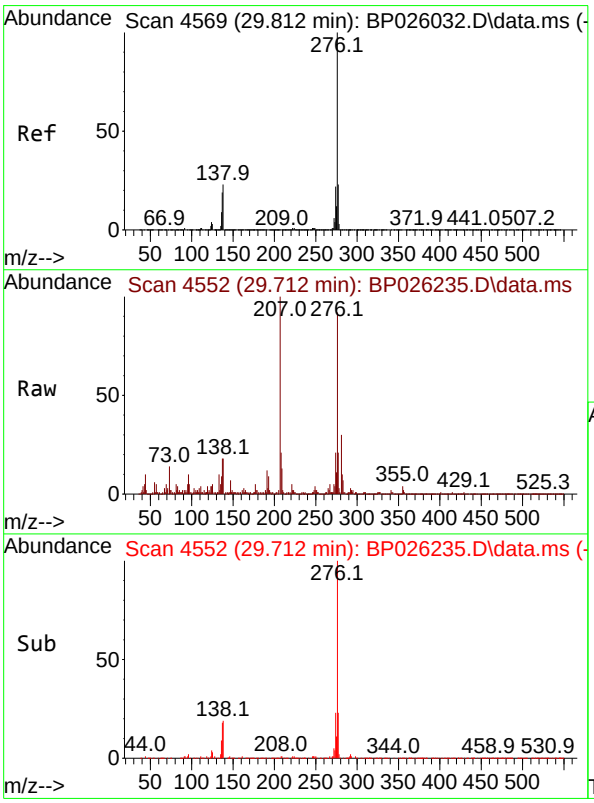
#90
Benzo(a)pyrene
Concen: 7.246 ng
RT: 24.671 min Scan# 3
Delta R.T. -0.082 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Instrument :
BNA_P
ClientSampleId :
B50-SP4-112525

Tgt Ion:252 Resp: 657636

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	11.0	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 4.293 ng
RT: 29.712 min Scan# 4552
Delta R.T. -0.170 min
Lab File: BP026235.D
Acq: 03 Dec 2025 20:24

Tgt Ion:276 Resp: 412184

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	19.6	17.8	26.6