Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026227.D
Acq On : 03 Dec 2025 14:56
Operator : RC/JU
Sample : Q3741-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Quant Time: Dec 03 15:24:32 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	319635	20.000	ng		-0.01
21) Naphthalene-d8	10.419	136	1223619	20.000	ng		-0.03
39) Acenaphthene-d10	14.290	164	711475	20.000	ng		-0.04
64) Phenanthrene-d10	17.101	188	1217451	20.000	ng		-0.03
76) Chrysene-d12	21.530	240	1263324	20.000	ng		-0.04
86) Perylene-d12	24.830	264	1598655	20.000	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	591149	29.685	ng		0.00
7) Phenol-d6	6.843	99	1158202	45.685	ng		-0.01
23) Nitrobenzene-d5	8.796	82	1037839	48.178	ng		-0.02
42) 2,4,6-Tribromophenol	15.801	330	218358	23.659	ng		-0.04
45) 2-Fluorobiphenyl	12.901	172	2534177	52.202	ng		-0.03
79) Terphenyl-d14	19.830	244	3060533	49.398	ng		-0.04
Target Compounds							Qvalue
31) Naphthalene	10.472	128	514603	7.782	ng		99
37) 2-Methylnaphthalene	12.084	142	405157	8.642	ng		98
38) 1-Methylnaphthalene	12.301	142	184254	4.021	ng		98
71) Phenanthrene	17.137	178	536696	7.826	ng		100
75) Fluoranthene	19.225	202	668957	8.028	ng		100
78) Pyrene	19.601	202	609299	7.356	ng		98
81) Benzo(a)anthracene	21.507	228	319270	3.680	ng		96
83) Chrysene	21.583	228	367080m	4.489	ng		
87) Indeno(1,2,3-cd)pyrene	28.571	276	239878	2.001	ng	#	90
88) Benzo(b)fluoranthene	23.801	252	455383	4.678	ng	#	90
90) Benzo(a)pyrene	24.677	252	325535	3.530	ng	#	91
92) Benzo(g,h,i)perylene	29.724	276	253062	2.594	ng		98

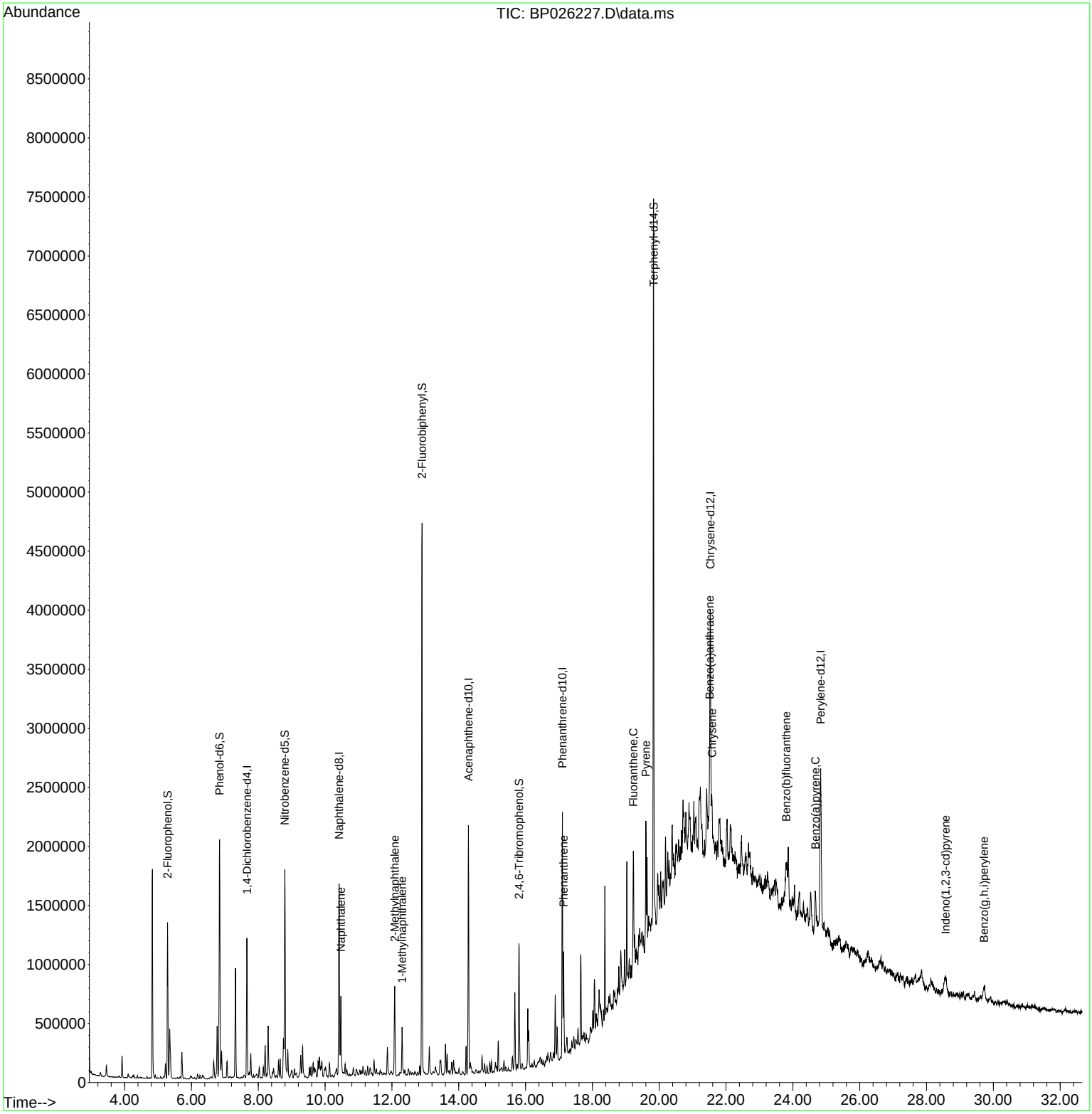
(#) = qualifier out of range (m) = manual integration (+) = signals summed

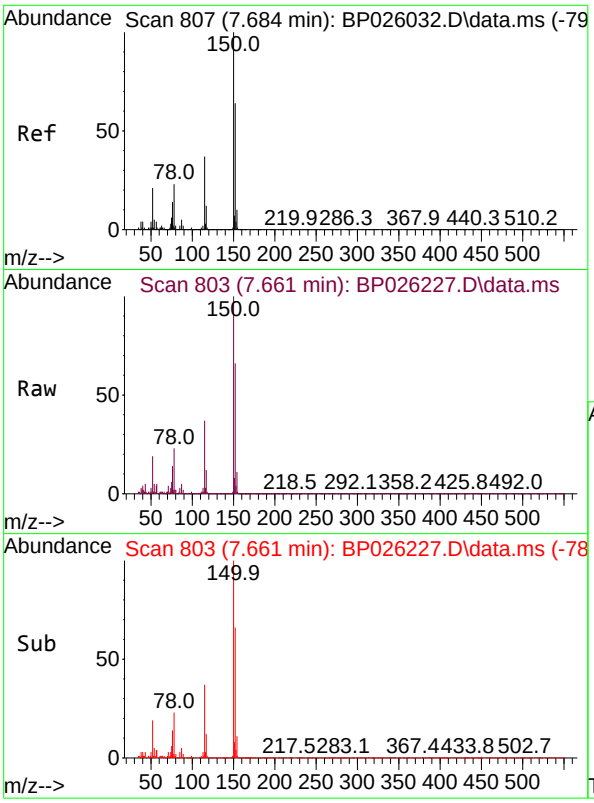
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026227.D
Acq On : 03 Dec 2025 14:56
Operator : RC/JU
Sample : Q3741-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Quant Time: Dec 03 15:24:32 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



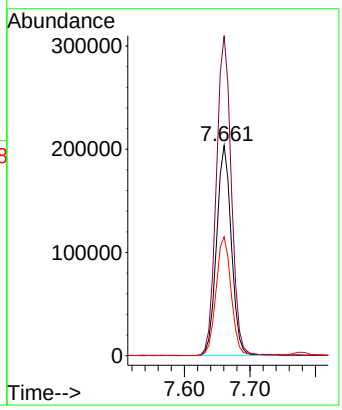


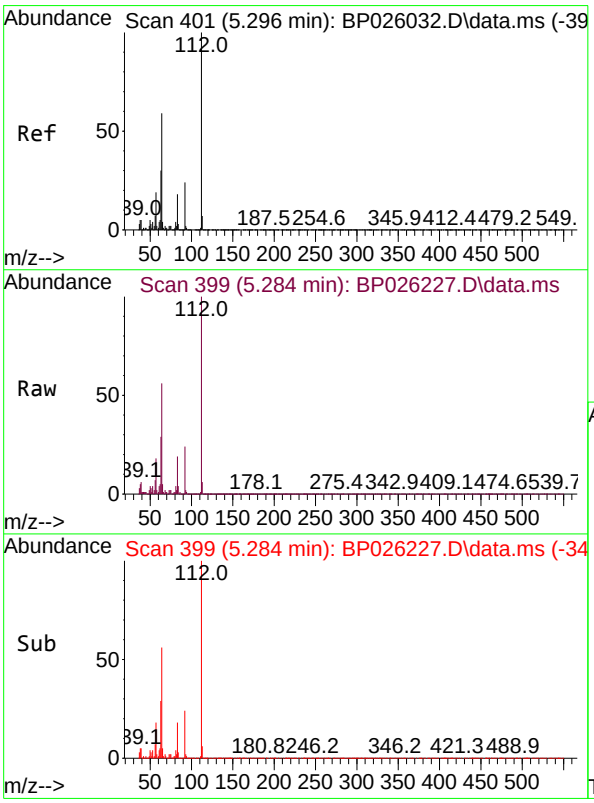
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:152 Resp: 319635

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.0	184.6
115	56.6	46.3	69.5

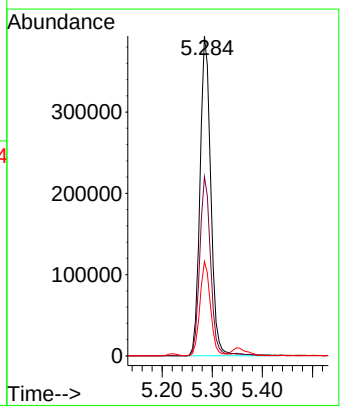


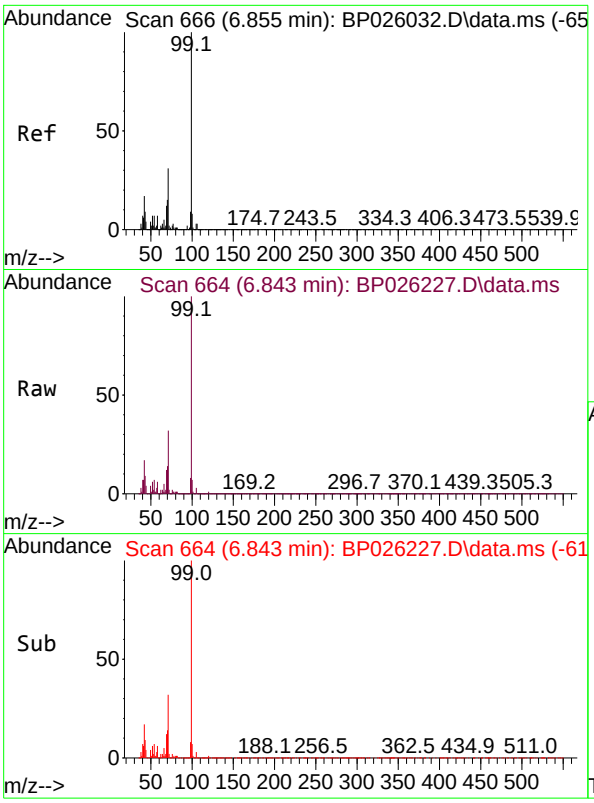


#5
2-Fluorophenol
Concen: 29.685 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:112 Resp: 591149

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.8	68.6
63	29.5	23.5	35.3



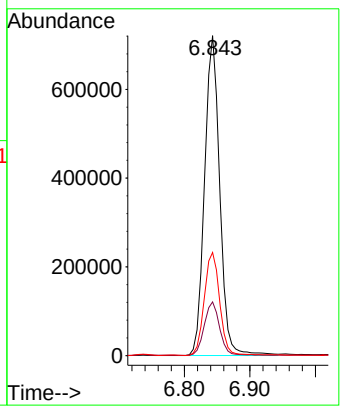


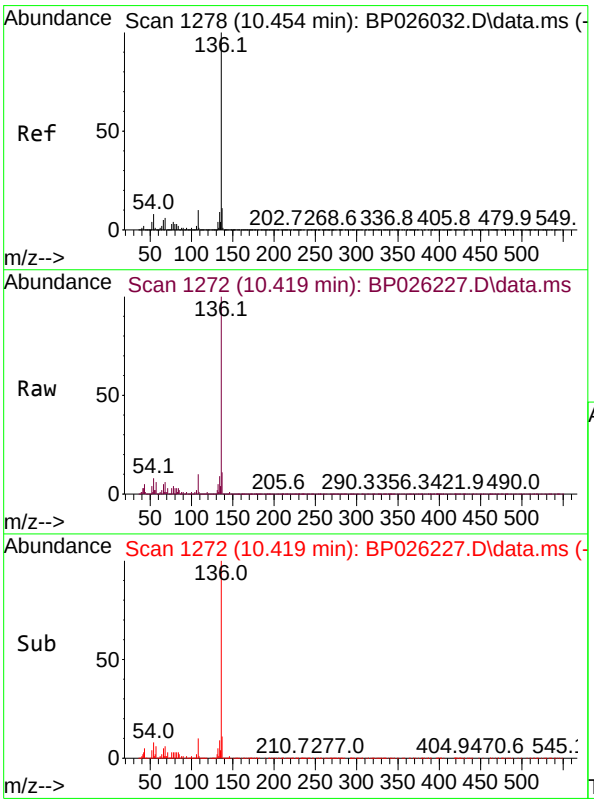
#7
Phenol-d6
Concen: 45.685 ng
RT: 6.843 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion: 99 Resp: 1158202

Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.9	19.3
71	32.2	24.8	37.2

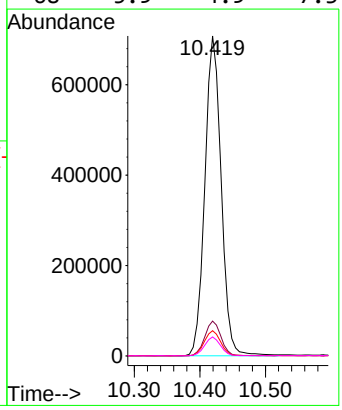


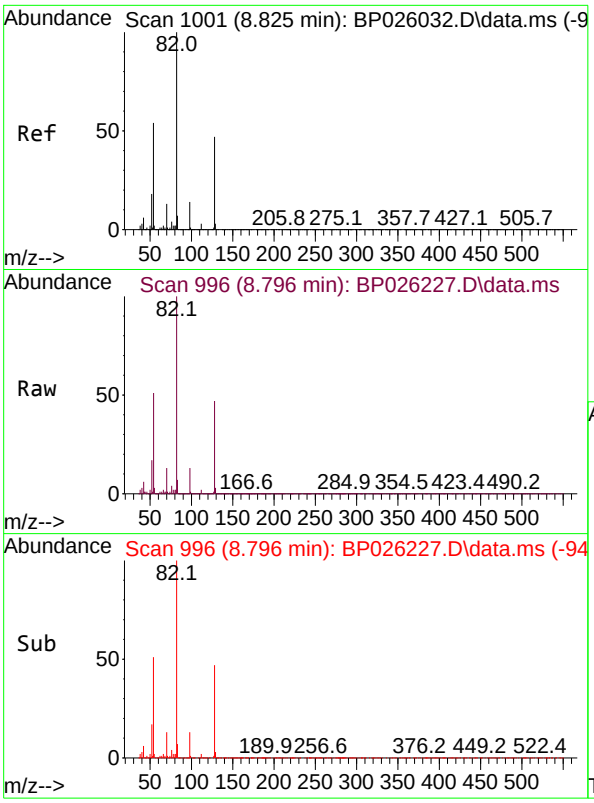


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.029 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:136 Resp: 1223619

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.9	6.4	9.6
68	5.9	4.9	7.3



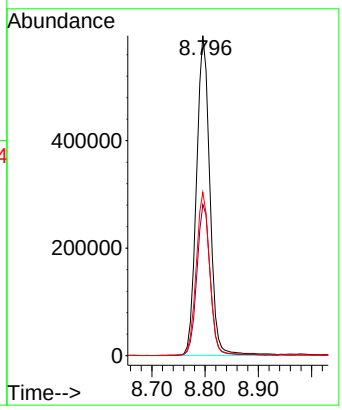


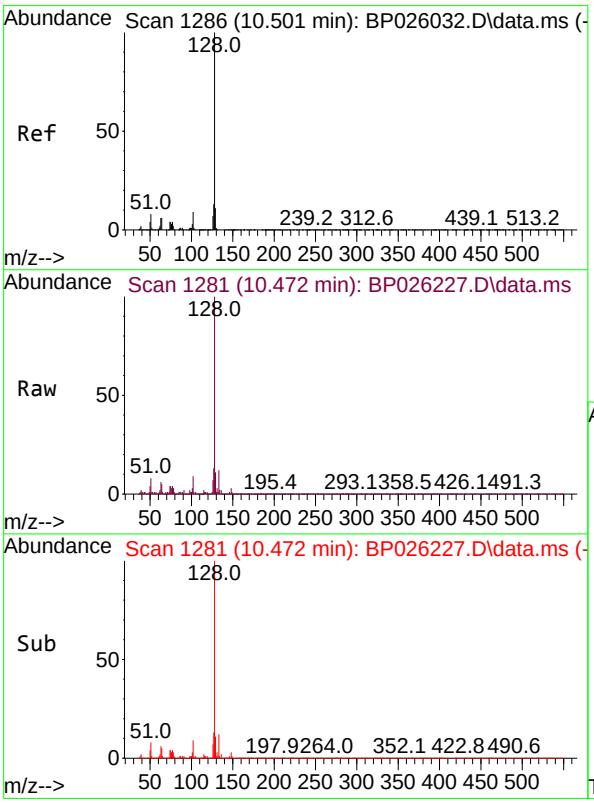
#23
Nitrobenzene-d5
Concen: 48.178 ng
RT: 8.796 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion: 82 Resp: 1037839

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.4	56.0
54	51.1	41.6	62.4

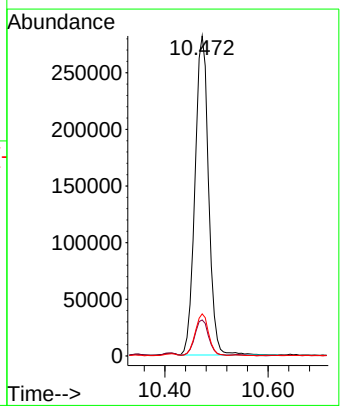


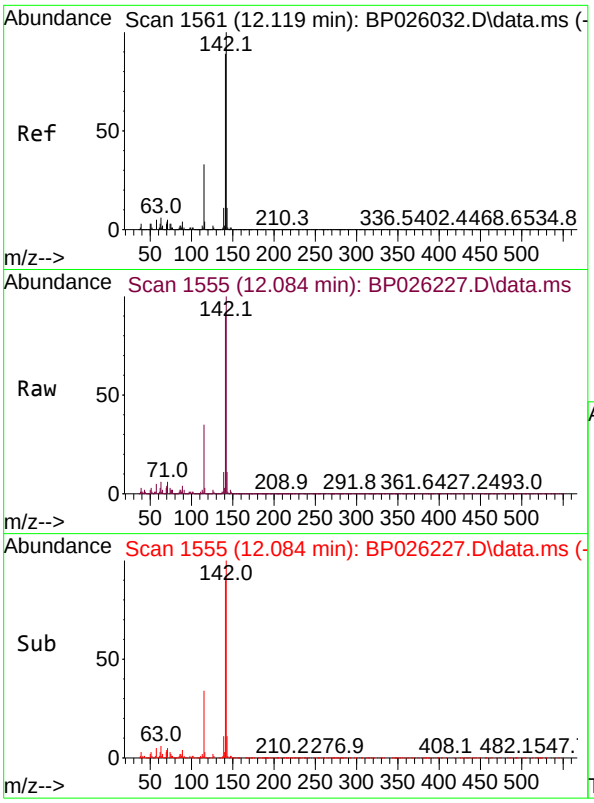


#31
Naphthalene
Concen: 7.782 ng
RT: 10.472 min Scan# 1281
Delta R.T. -0.023 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:128 Resp: 514603

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.1	10.2	15.4



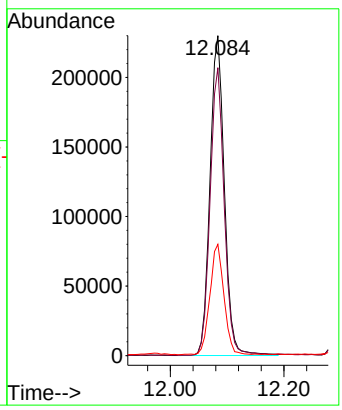


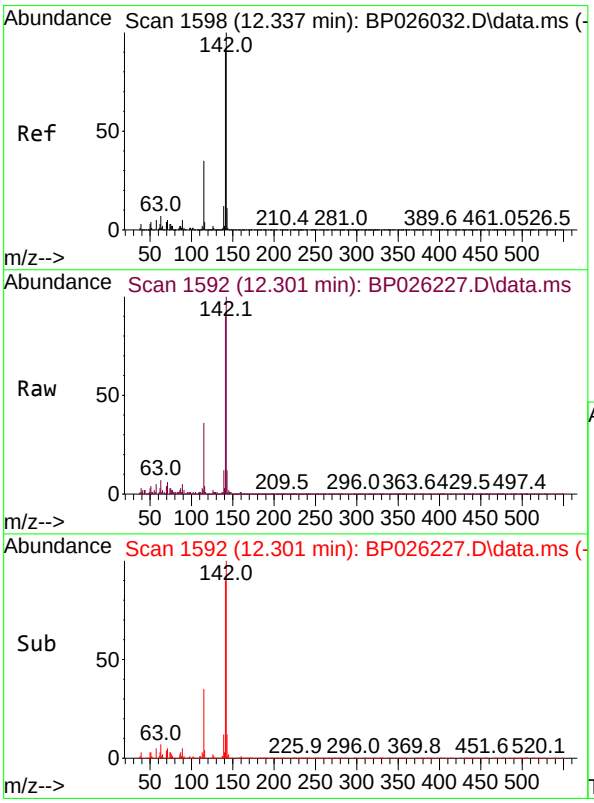
#37
2-Methylnaphthalene
Concen: 8.642 ng
RT: 12.084 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:142 Resp: 405157

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	34.8	26.6	39.8

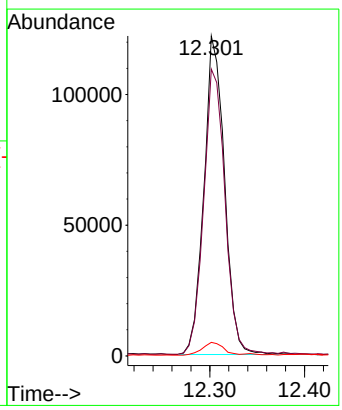


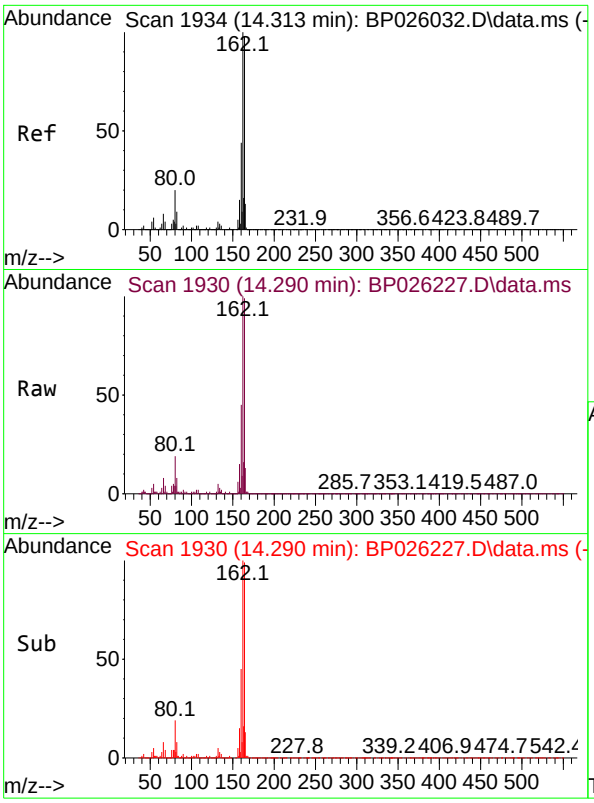


#38
1-Methylnaphthalene
Concen: 4.021 ng
RT: 12.301 min Scan# 1592
Delta R.T. -0.029 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:142 Resp: 184254

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3
116	4.2	3.0	4.4



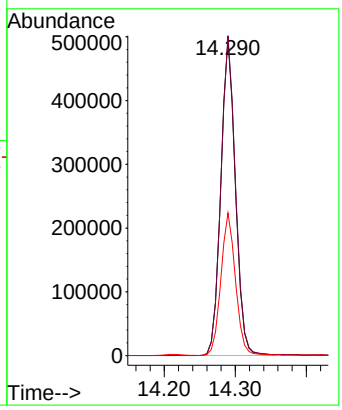


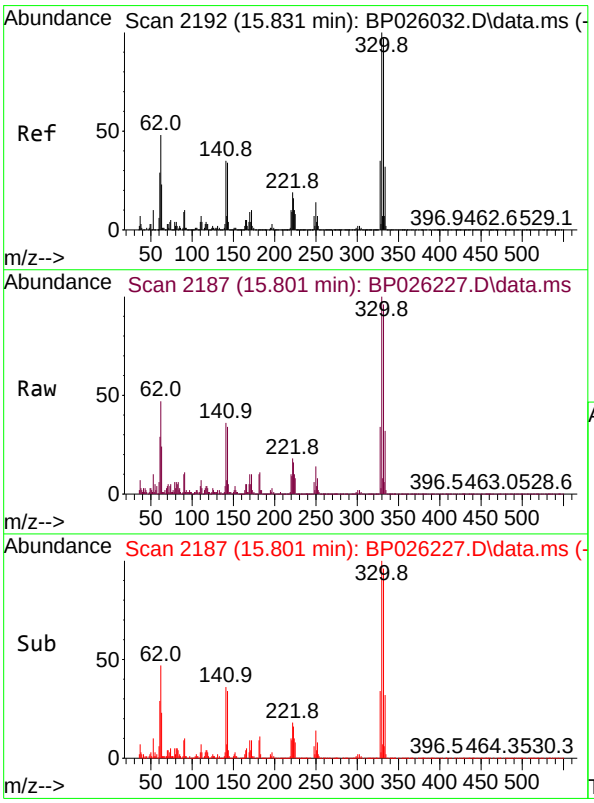
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:164 Resp: 711475

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.3	120.5
160	45.1	35.2	52.8

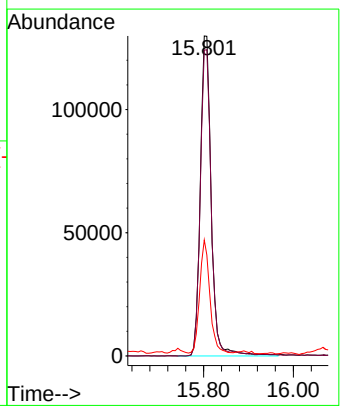


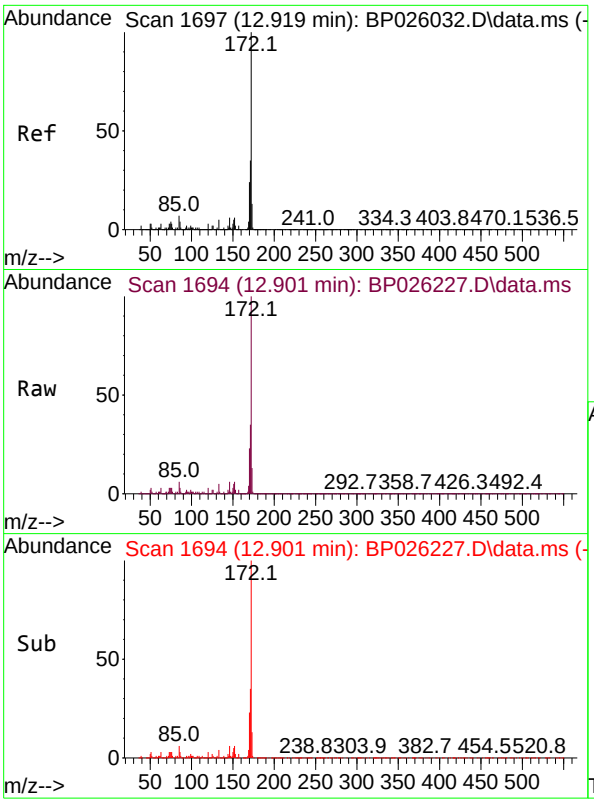


#42
2,4,6-Tribromophenol
Concen: 23.659 ng
RT: 15.801 min Scan# 2187
Delta R.T. -0.035 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:330 Resp: 218358

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	33.3	26.8	40.2



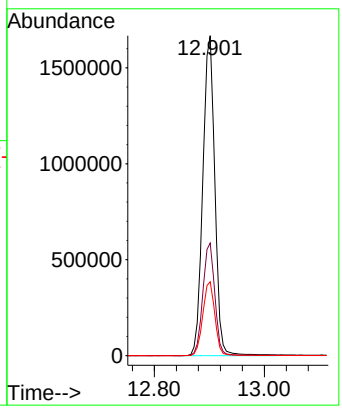


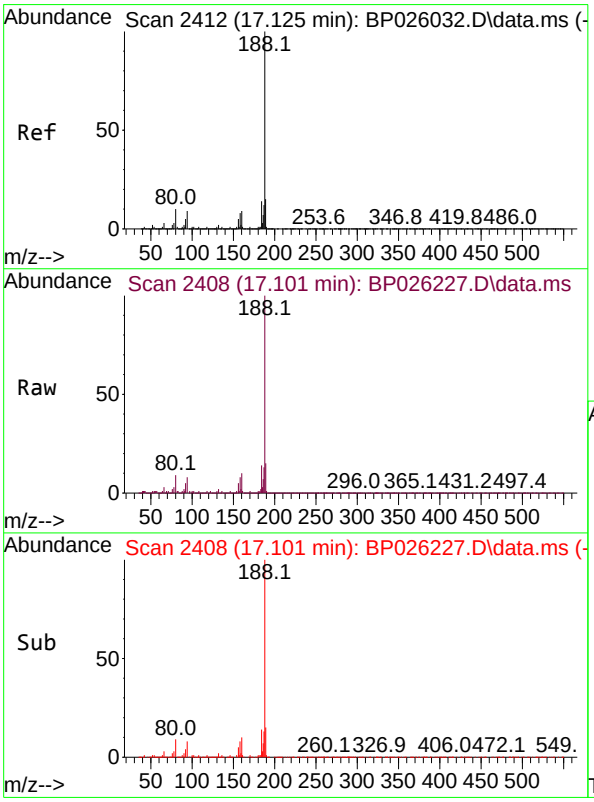
#45
2-Fluorobiphenyl
Concen: 52.202 ng
RT: 12.901 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:172 Resp: 2534177

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.1	18.7	28.1

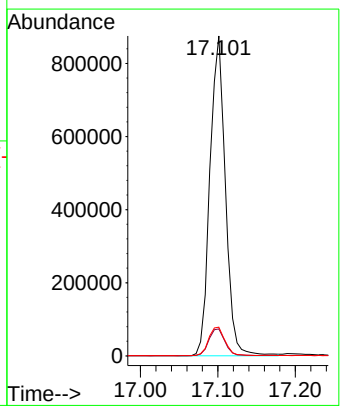


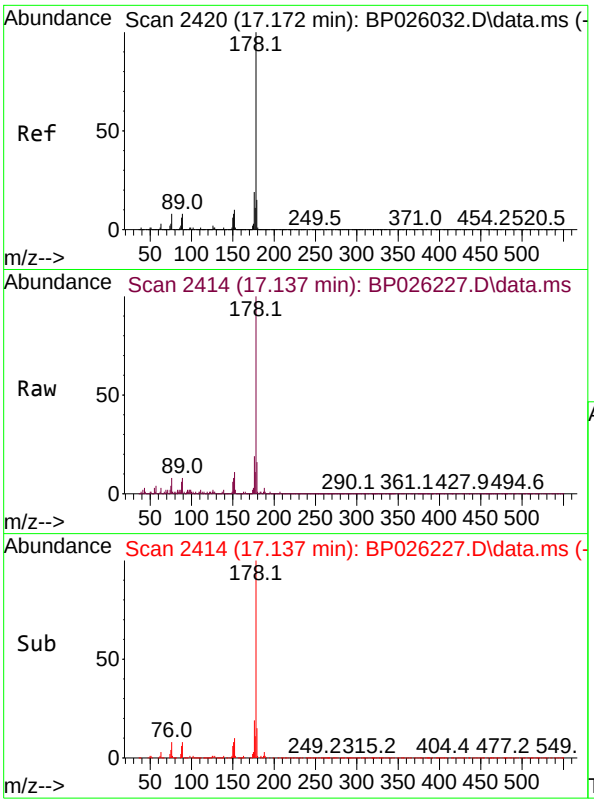


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.029 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:188 Resp: 1217451

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.8	11.6
80	9.0	8.2	12.2



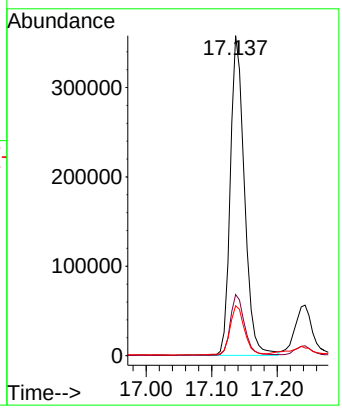


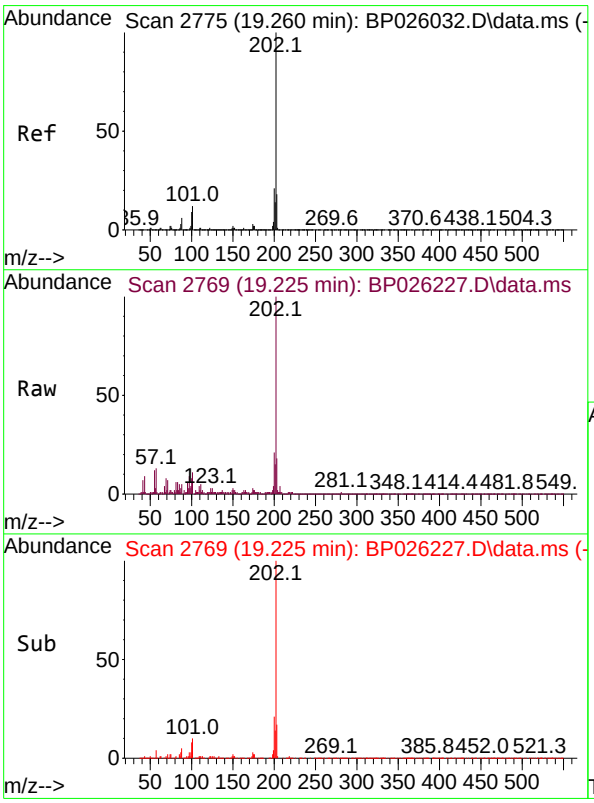
#71
Phenanthrene
Concen: 7.826 ng
RT: 17.137 min Scan# 24
Delta R.T. -0.041 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:178 Resp: 536696

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.4	18.6

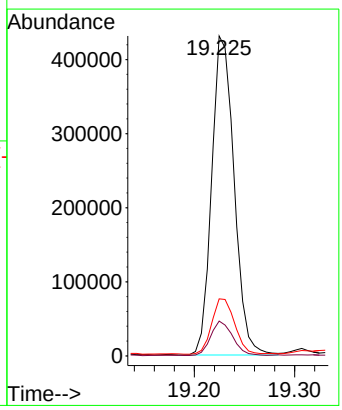


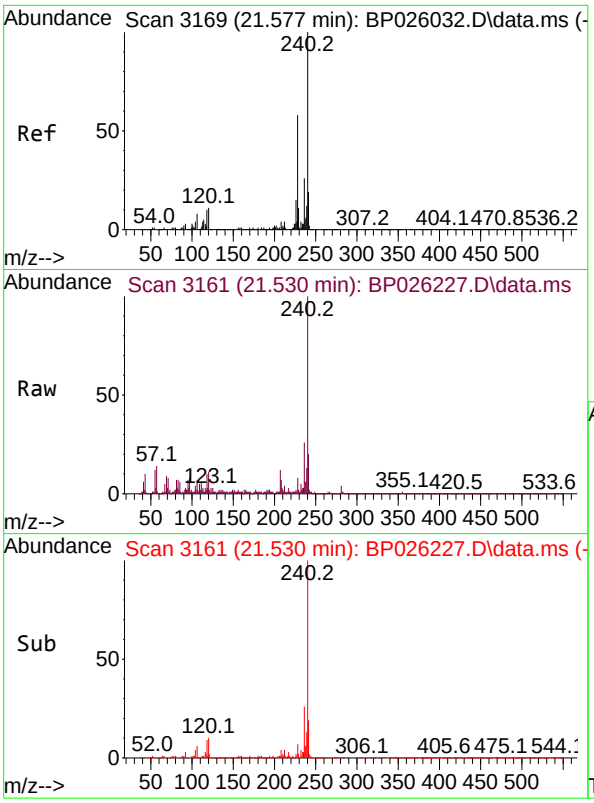


#75
Fluoranthene
Concen: 8.028 ng
RT: 19.225 min Scan# 2769
Delta R.T. -0.041 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:202 Resp: 668957

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.2
203	17.8	0.0	37.7



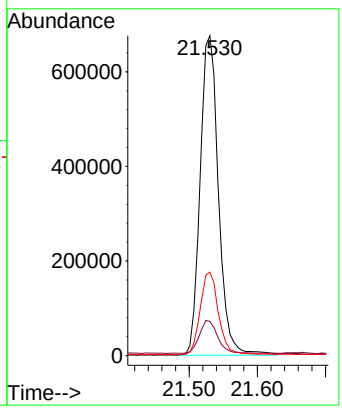


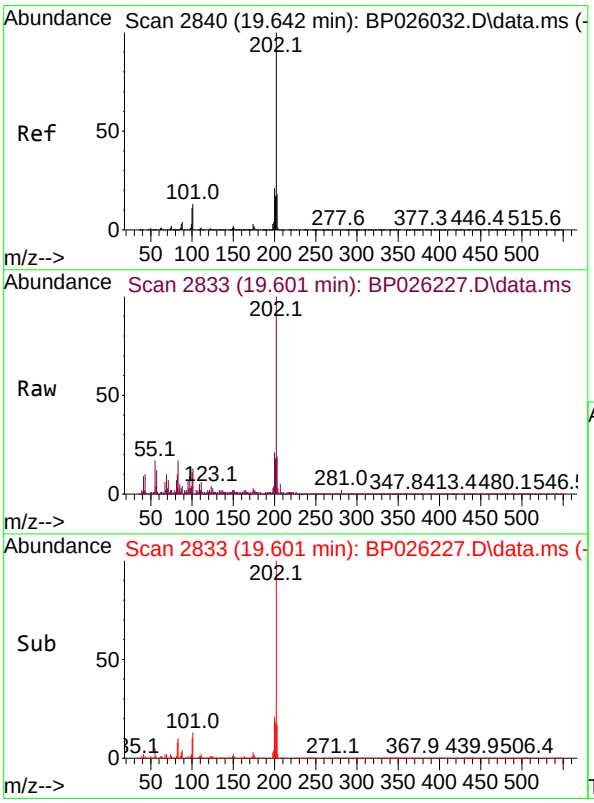
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:240 Resp: 1263324

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	26.1	20.4	30.6

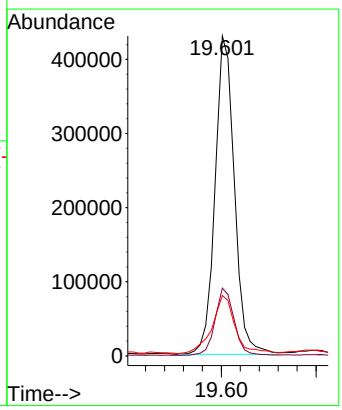


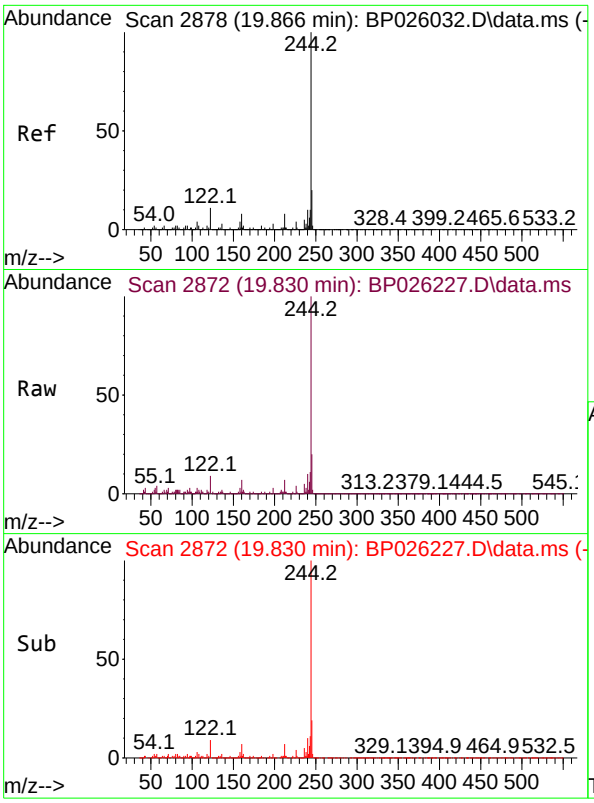


#78
Pyrene
Concen: 7.356 ng
RT: 19.601 min Scan# 2833
Delta R.T. -0.041 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:202 Resp: 609299

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.9	13.8	20.8



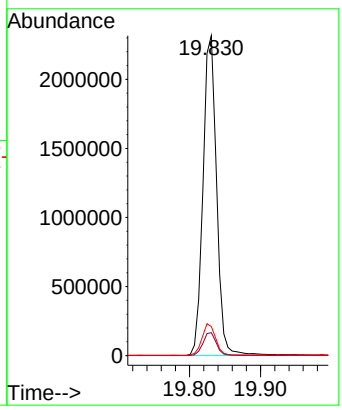


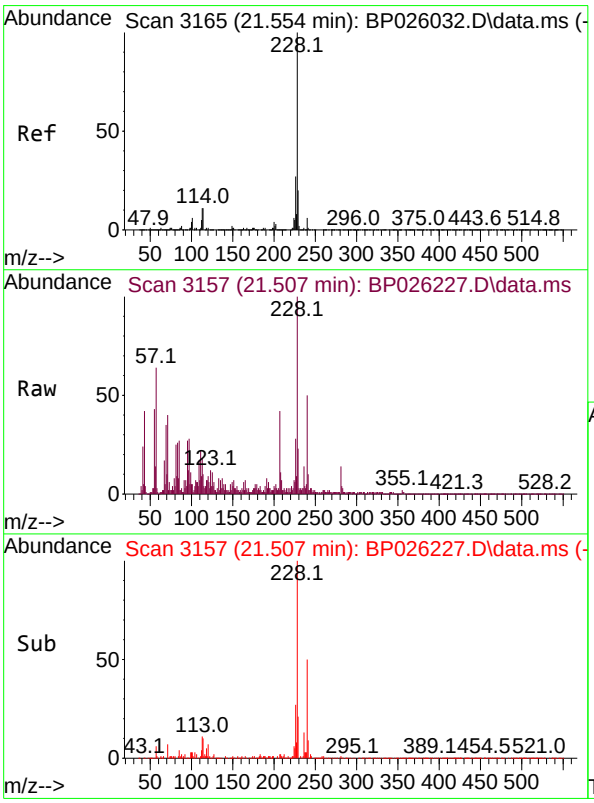
#79
Terphenyl-d14
Concen: 49.398 ng
RT: 19.830 min Scan# 28
Delta R.T. -0.041 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:244 Resp: 3060533

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.1	8.2	12.2

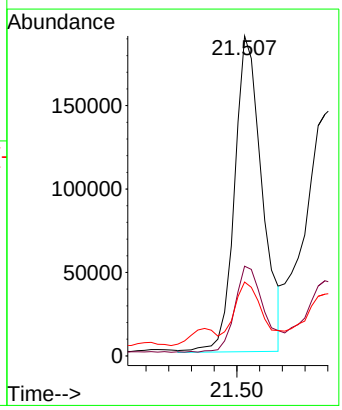


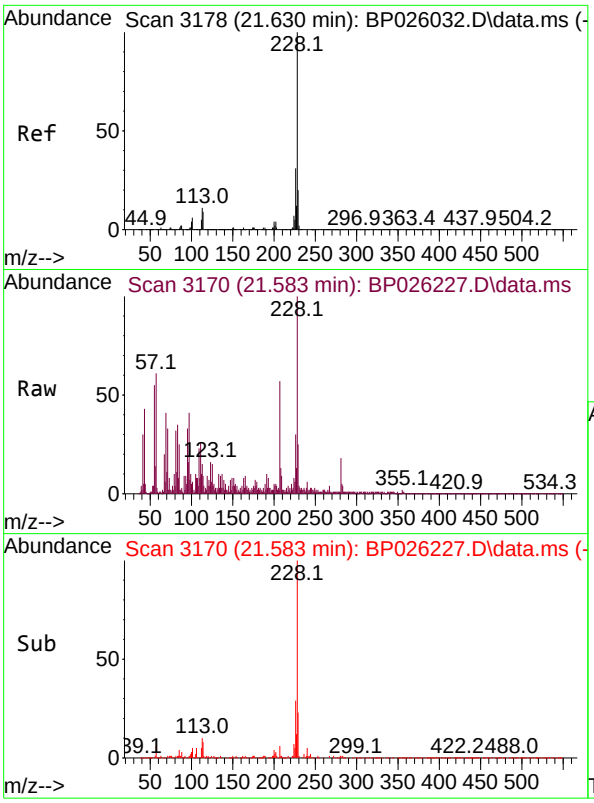


#81
Benzo(a)anthracene
Concen: 3.680 ng
RT: 21.507 min Scan# 3157
Delta R.T. -0.047 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:228 Resp: 319270

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	23.1	15.9	23.9



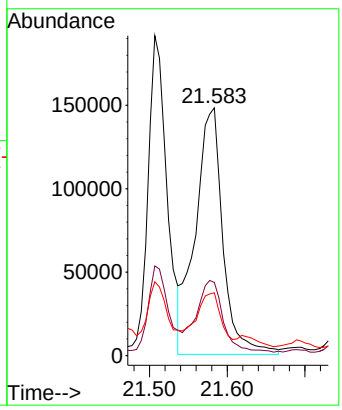


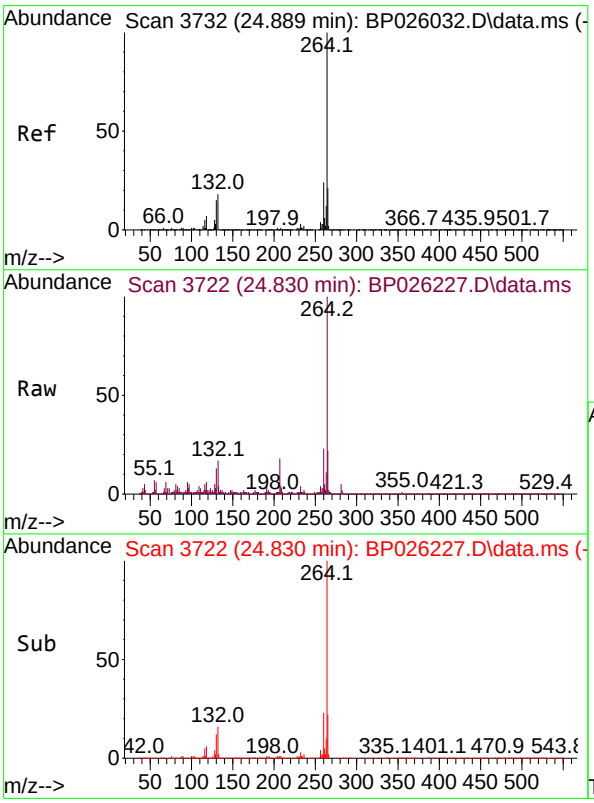
#83
Chrysene
Concen: 4.489 ng m
RT: 21.583 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:228 Resp: 367080

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	25.3	15.9	23.9#

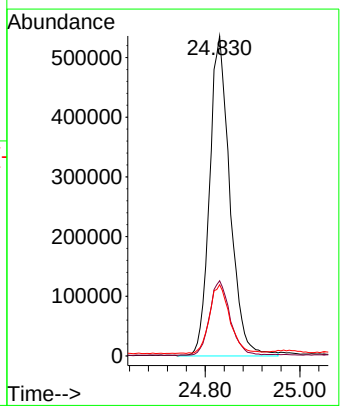


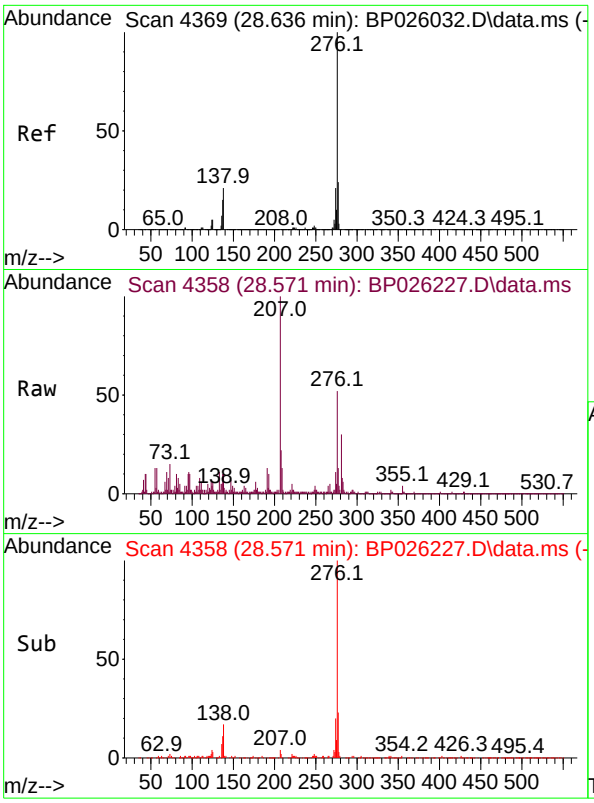


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.076 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:264 Resp: 1598655

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.2	17.5	26.3



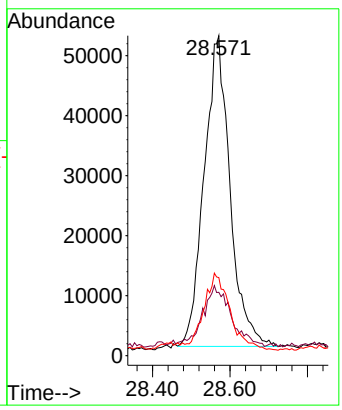


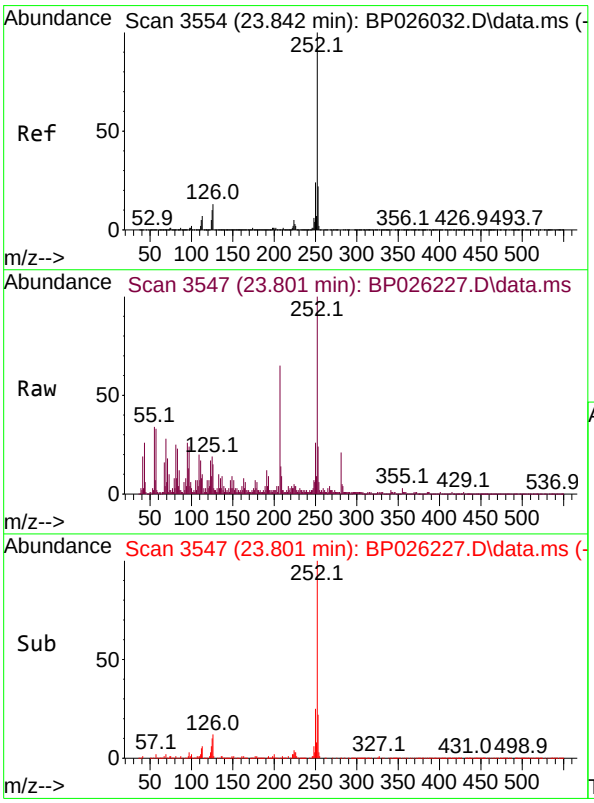
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.001 ng
RT: 28.571 min Scan# 4
Delta R.T. -0.135 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:276 Resp: 239878

Ion	Ratio	Lower	Upper
276	100		
138	22.4	13.8	20.8#
277	25.0	16.7	25.1

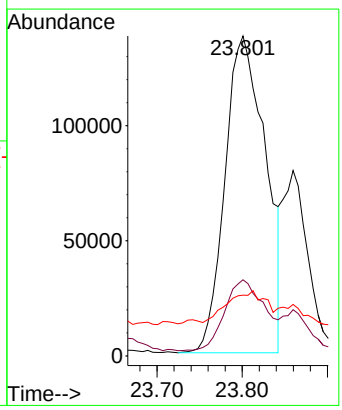


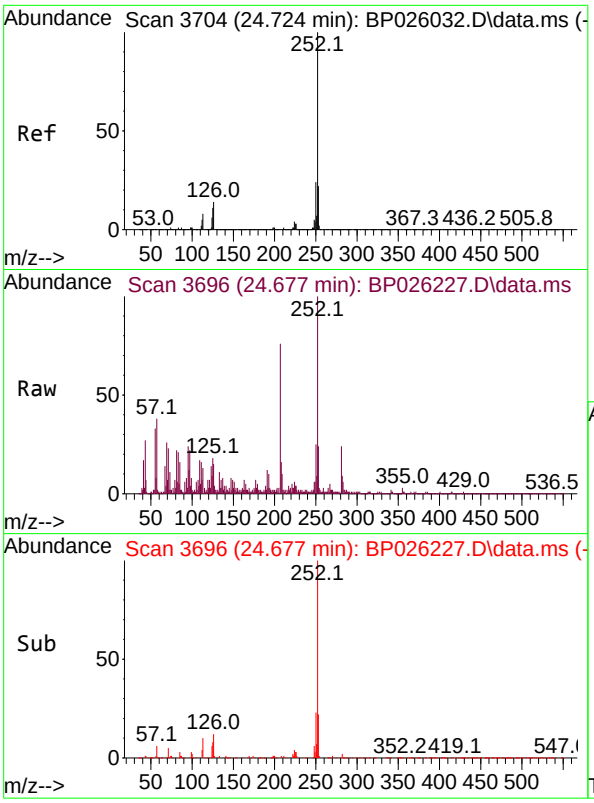


#88
Benzo(b)fluoranthene
Concen: 4.678 ng
RT: 23.801 min Scan# 3547
Delta R.T. -0.064 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:252 Resp: 455383

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	19.0	8.2	12.4#



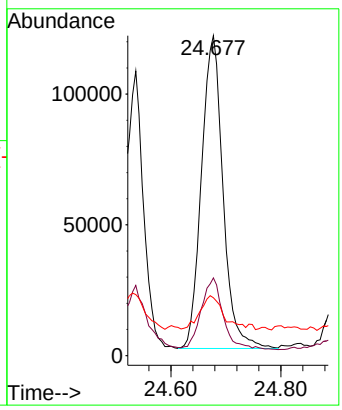


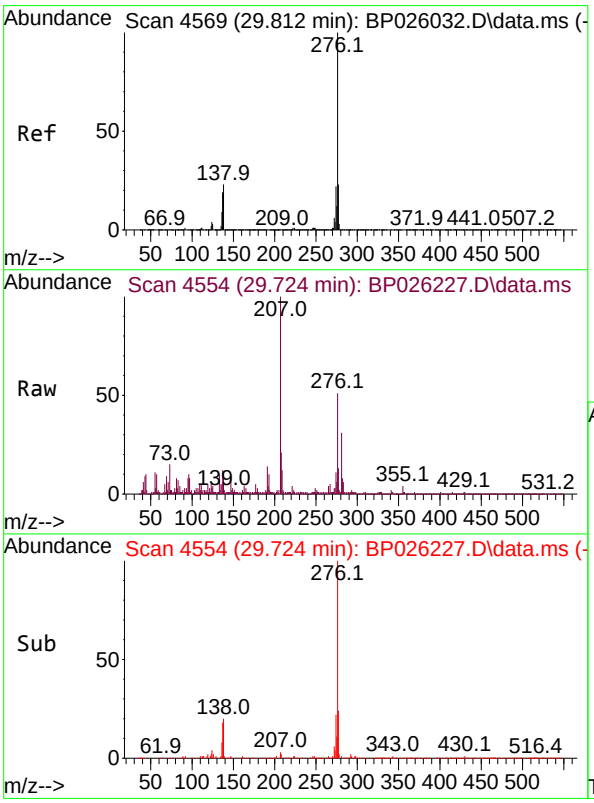
#90
Benzo(a)pyrene
Concen: 3.530 ng
RT: 24.677 min Scan# 3(
Delta R.T. -0.076 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Instrument :
BNA_P
ClientSampleId :
B50-SP11-112525

Tgt Ion:252 Resp: 325535

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	18.1	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 2.594 ng
RT: 29.724 min Scan# 4554
Delta R.T. -0.159 min
Lab File: BP026227.D
Acq: 03 Dec 2025 14:56

Tgt Ion:276 Resp: 253062

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	22.3	17.8	26.6