Quantitation Report (Not Reviewed)

Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024966.D
Acq On : 16 Jun 2025 18:25
Operator : RC/JU
Sample : Q2311-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Quant Time: Jun 17 03:47:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.608	152	280230	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	1097131	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	694763	20.000	ng		0.00
64) Phenanthrene-d10	17.060	188	1415532	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1499692	20.000	ng		0.01
86) Perylene-d12	24.783	264	1715487	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	1371618	81.701	ng		0.00
7) Phenol-d6	6.819	99	1890680	85.117	ng		0.00
23) Nitrobenzene-d5	8.760	82	1162908	51.506	ng		0.00
42) 2,4,6-Tribromophenol	15.784	330	749061	77.983	ng		0.00
45) 2-Fluorobiphenyl	12.866	172	2515356	48.772	ng		0.00
79) Terphenyl-d14	19.789	244	3905091	46.669	ng		0.00
Target Compounds							Qvalue
54) 2,4-Dinitrophenol	14.395	184	12	5.565	ng	#	1
56) 4-Nitrophenol	14.672	139	8431	6.219	ng	#	14
63) Azobenzene	15.637	77	355396	7.587	ng	#	1
71) Phenanthrene	17.101	178	496021	6.341	ng		99
75) Fluoranthene	19.189	202	790499	8.719	ng		100
78) Pyrene	19.572	202	691821	7.384	ng		99
81) Benzo(a)anthracene	21.477	228	364436	3.799	ng		99
83) Chrysene	21.542	228	322792	3.552	ng		97
90) Benzo(a)pyrene	24.613	252	298452	3.113	ng	#	97
92) Benzo(g,h,i)perylene	29.642	276	214408	2.121	ng		99

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

Quantitation Report (Not Reviewed)

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Misc :
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ClientSampleId :
TP04-MH2MH3-WC

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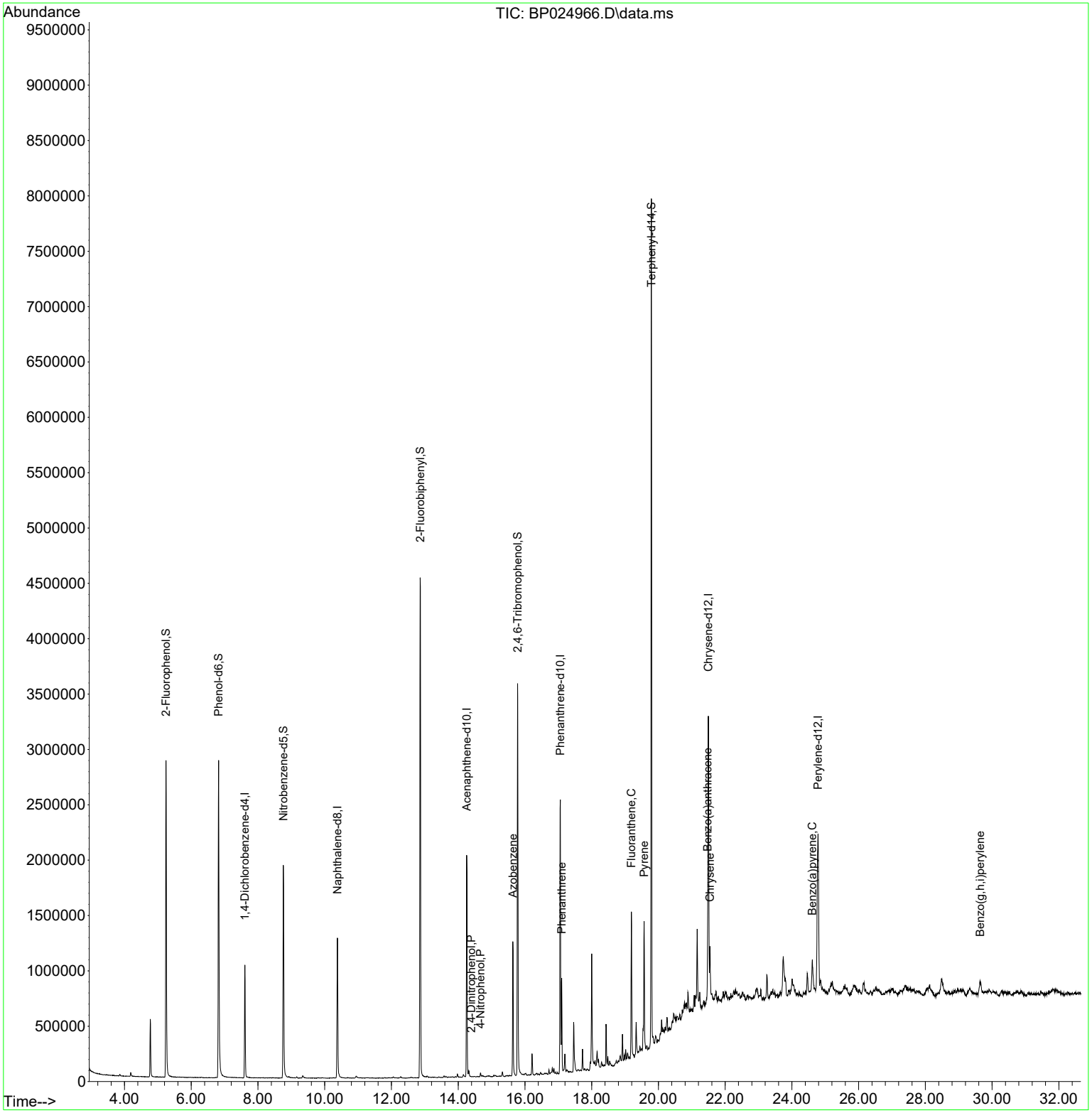
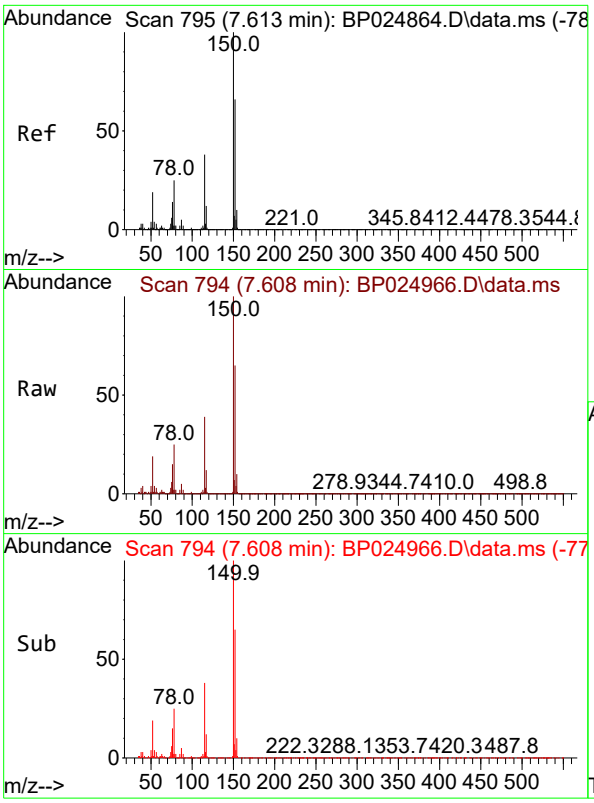
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



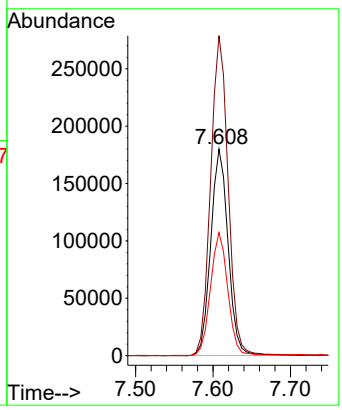


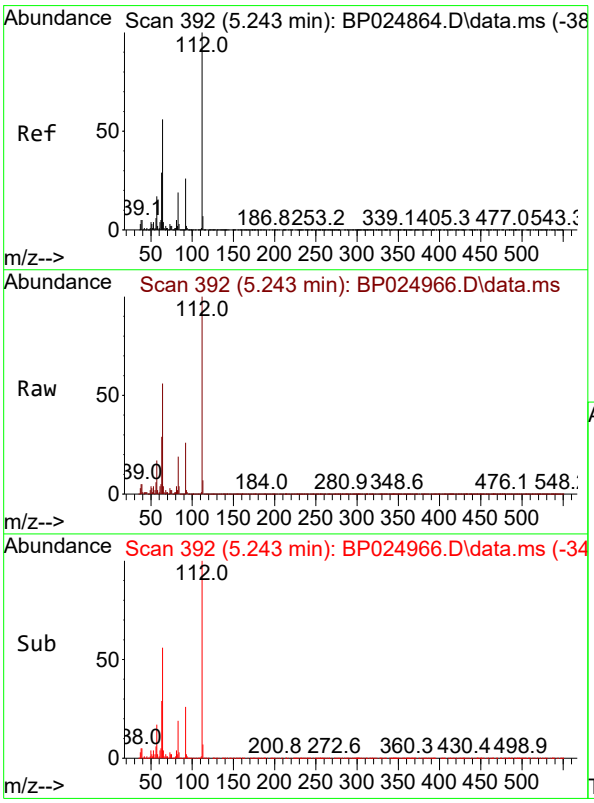
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion:152 Resp: 280230

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.1	183.1
115	59.7	46.4	69.6

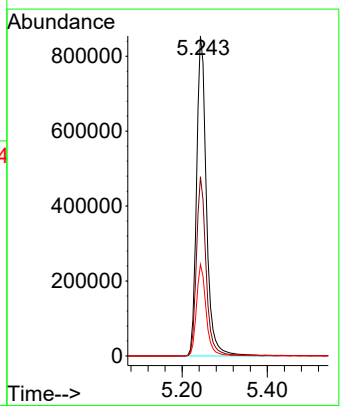


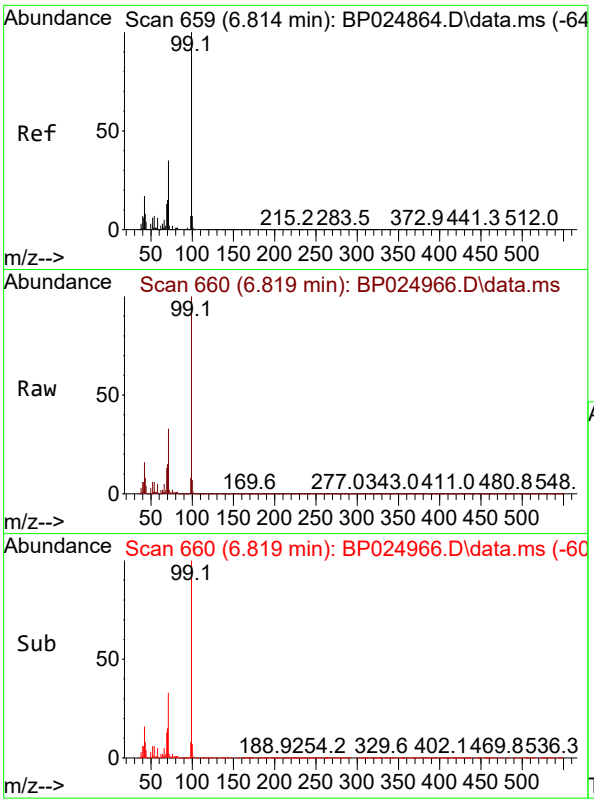


#5
2-Fluorophenol
Concen: 81.701 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:112 Resp: 1371618

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.7	67.1
63	28.6	23.5	35.3



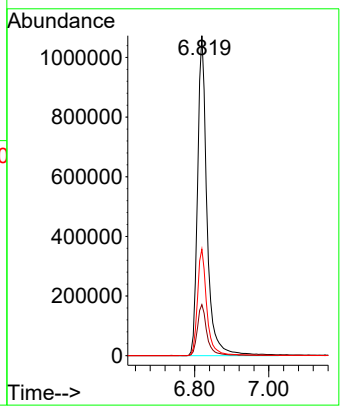


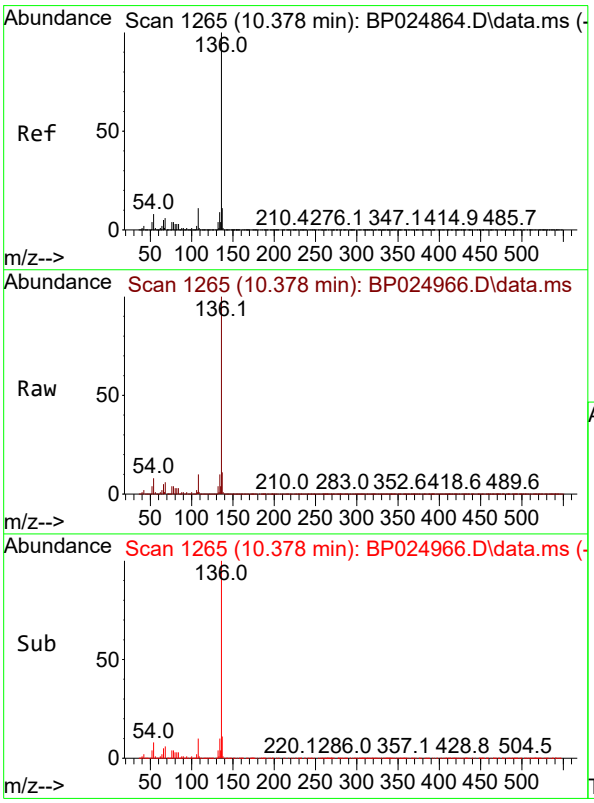
#7
Phenol-d6
Concen: 85.117 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion: 99 Resp: 1890680

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.4	20.2
71	33.3	27.6	41.4

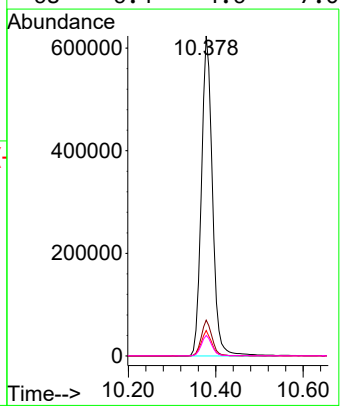


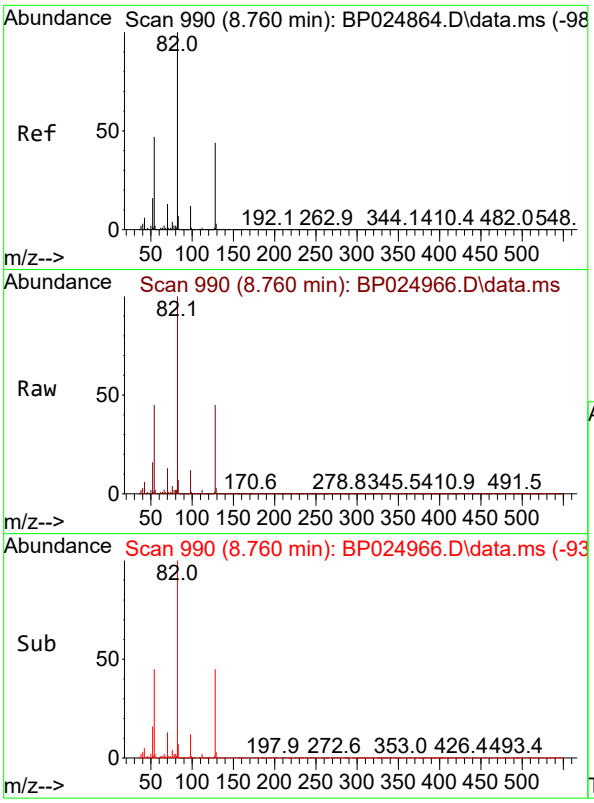


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:136 Resp: 1097131

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	6.1	9.1
68	6.4	4.6	7.0



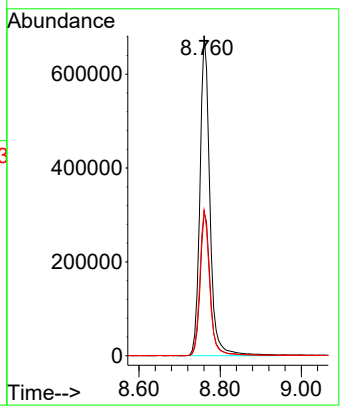


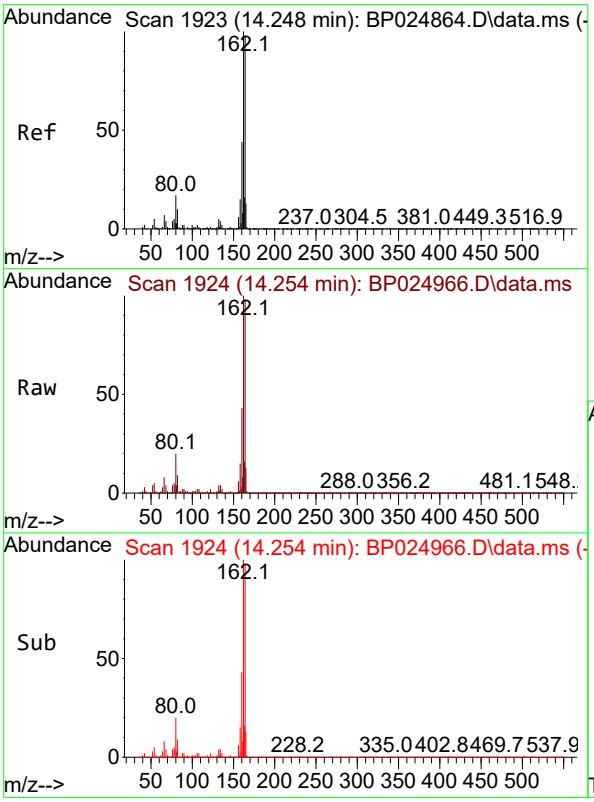
#23
Nitrobenzene-d5
Concen: 51.506 ng
RT: 8.760 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion: 82 Resp: 1162908

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.3	52.9
54	45.4	37.4	56.0

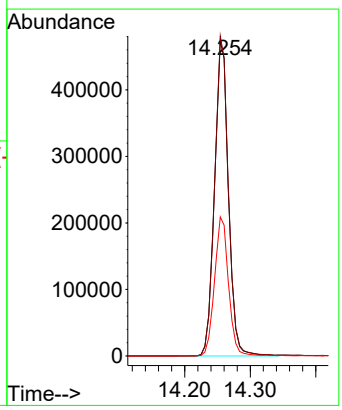


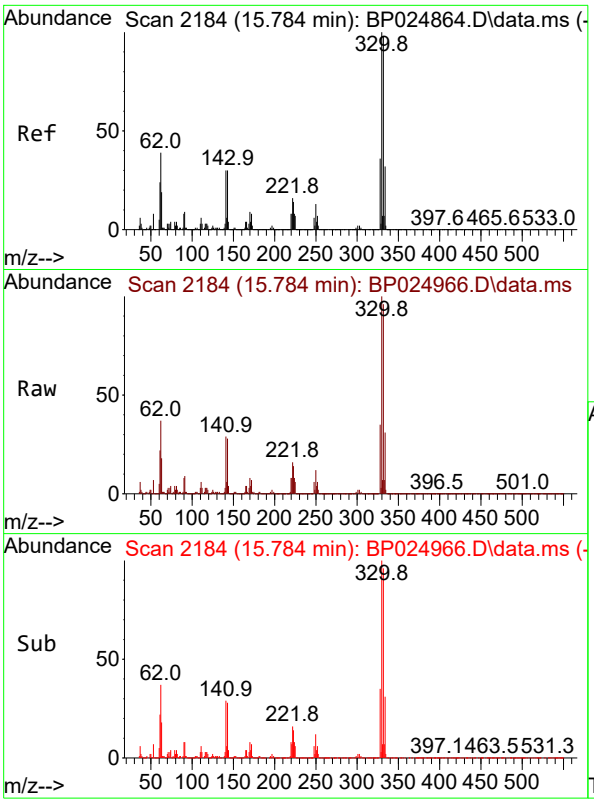


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:164 Resp: 694763

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.6	122.4
160	44.2	36.2	54.2



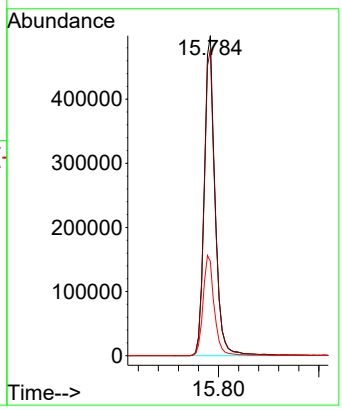


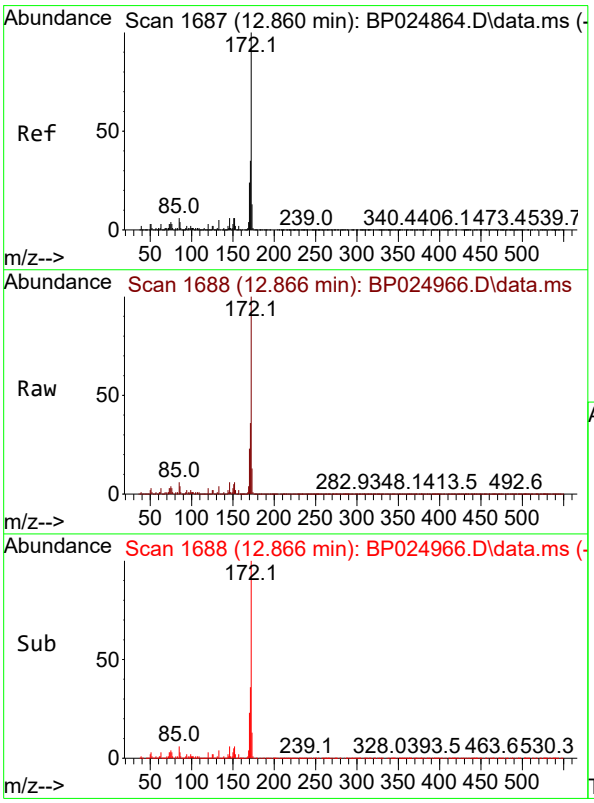
#42
2,4,6-Tribromophenol
Concen: 77.983 ng
RT: 15.784 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion:330 Resp: 749061

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.7	116.5
141	32.5	26.4	39.6

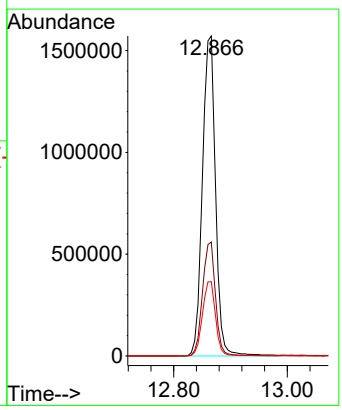


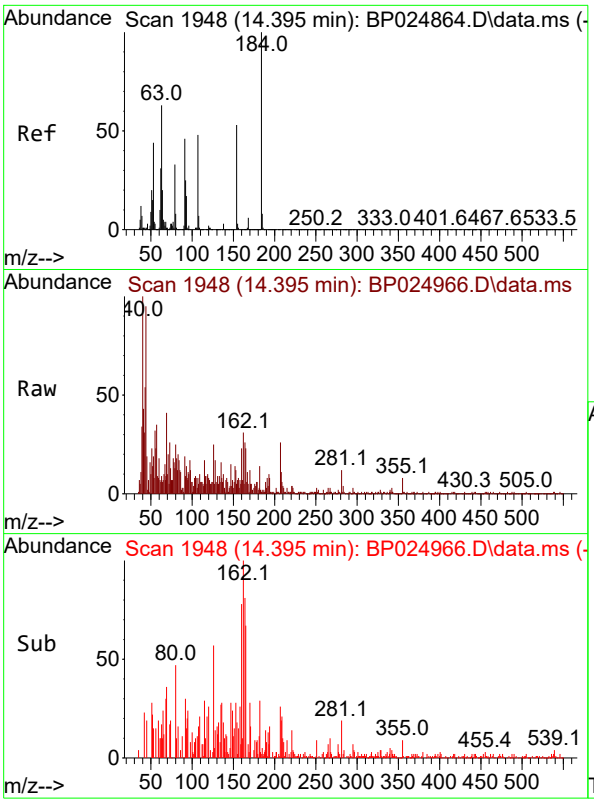


#45
2-Fluorobiphenyl
Concen: 48.772 ng
RT: 12.866 min Scan# 1688
Delta R.T. 0.006 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:172 Resp: 2515356

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.2	19.0	28.4



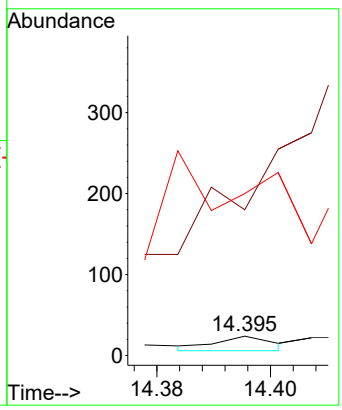


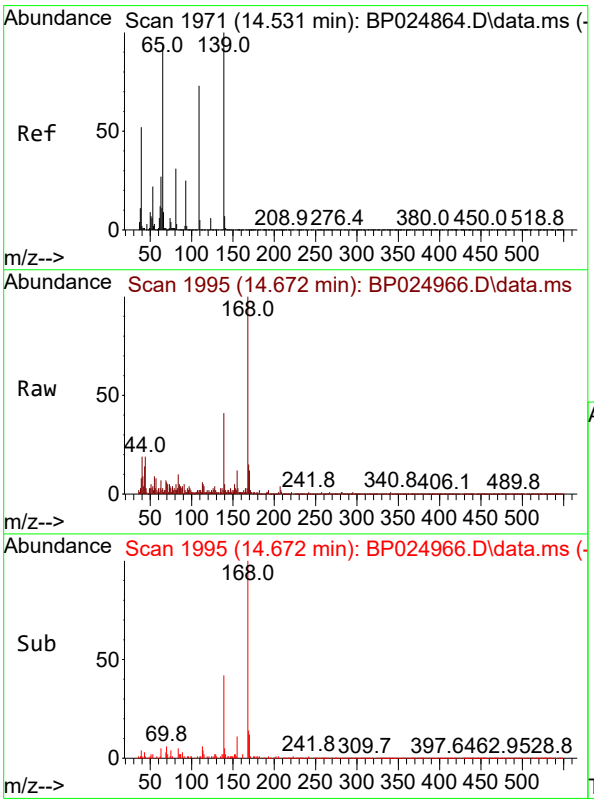
#54
2,4-Dinitrophenol
Concen: 5.565 ng
RT: 14.395 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion:184 Resp: 12

Ion	Ratio	Lower	Upper
184	100		
63	750.0	51.0	76.4#
154	833.3	51.7	77.5#

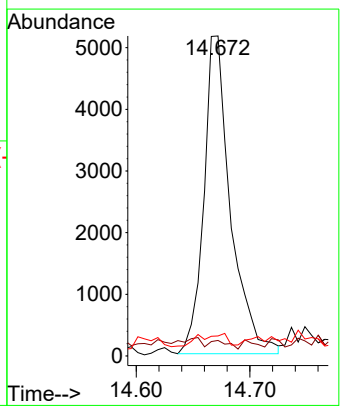


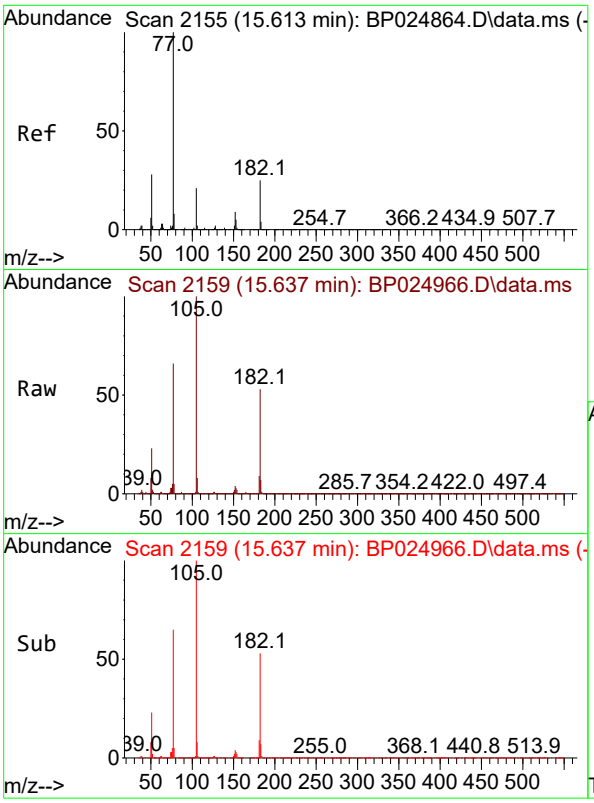


#56
4-Nitrophenol
Concen: 6.219 ng
RT: 14.672 min Scan# 1995
Delta R.T. 0.141 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:139 Resp: 8431

Ion	Ratio	Lower	Upper
139	100		
109	4.9	53.1	93.1#
65	6.2	73.0	113.0#



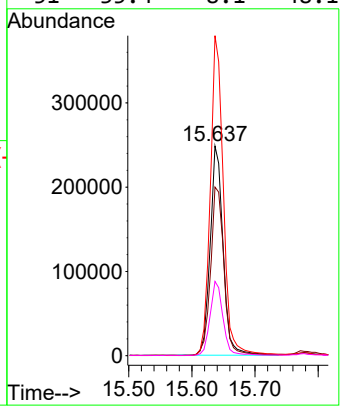


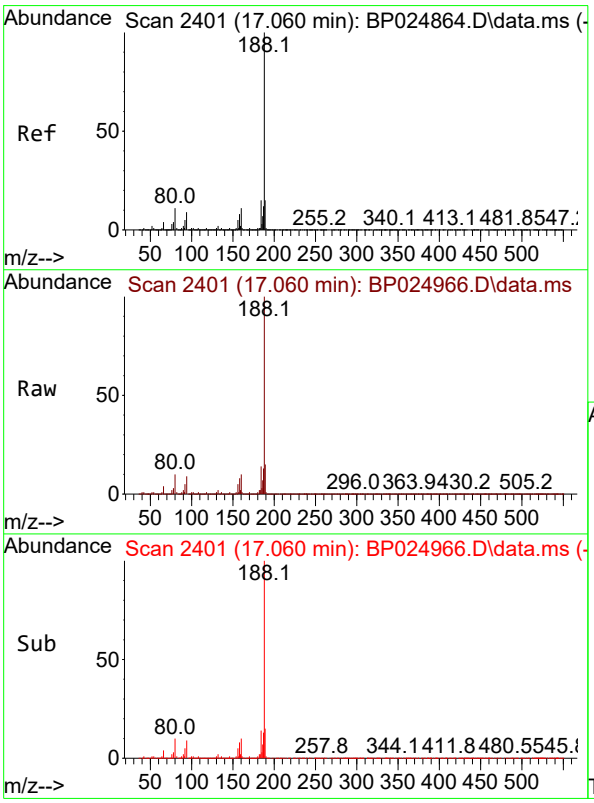
#63
Azobenzene
Concen: 7.587 ng
RT: 15.637 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion: 77 Resp: 355396

Ion	Ratio	Lower	Upper
77	100		
182	80.4	5.4	45.4#
105	152.6	0.8	40.8#
51	35.4	8.1	48.1

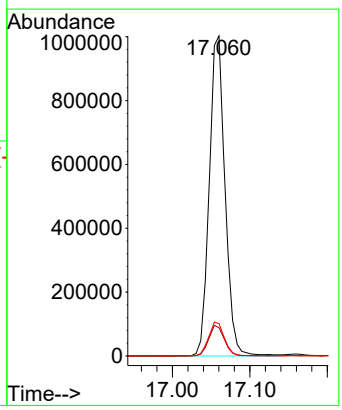


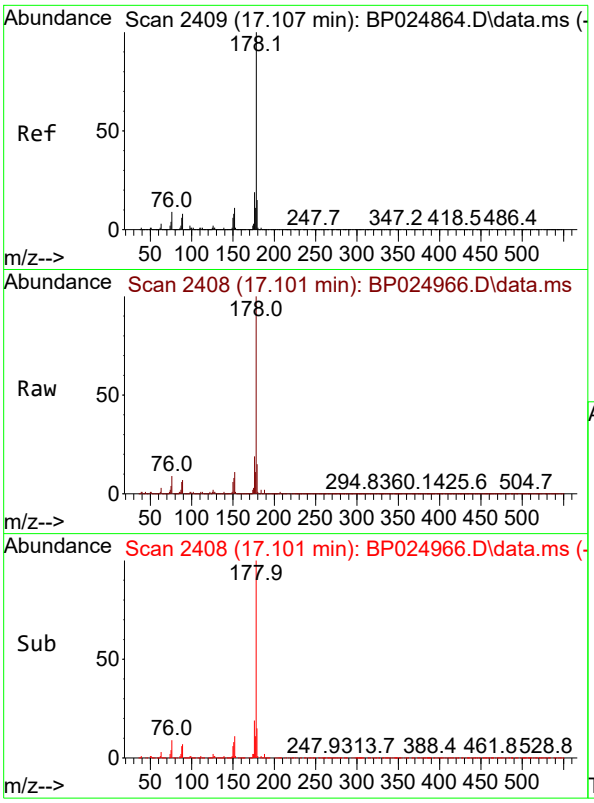


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:188 Resp: 1415532

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.3	10.9
80	10.1	8.5	12.7



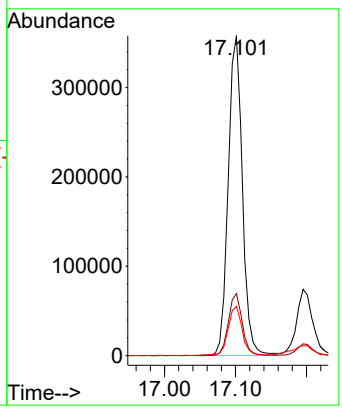


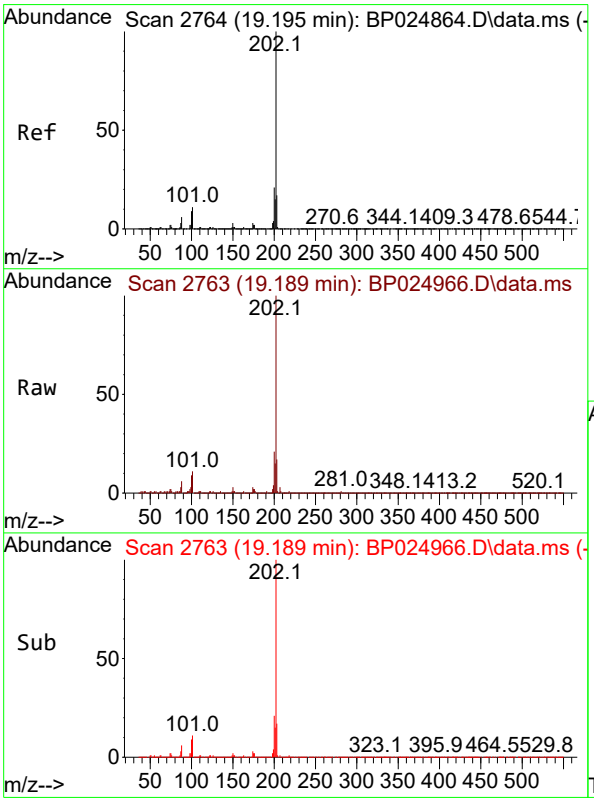
#71
Phenanthrene
Concen: 6.341 ng
RT: 17.101 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion:178 Resp: 496021

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.1	18.1

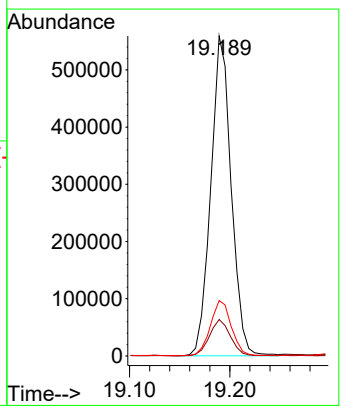


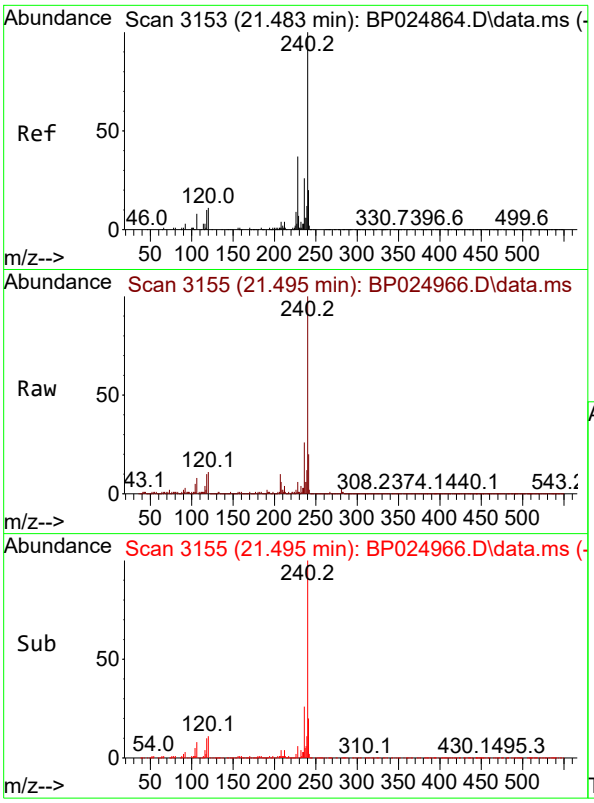


#75
Fluoranthene
Concen: 8.719 ng
RT: 19.189 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:202 Resp: 790499

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.3	0.0	37.5



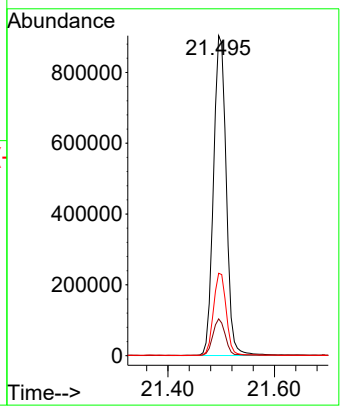


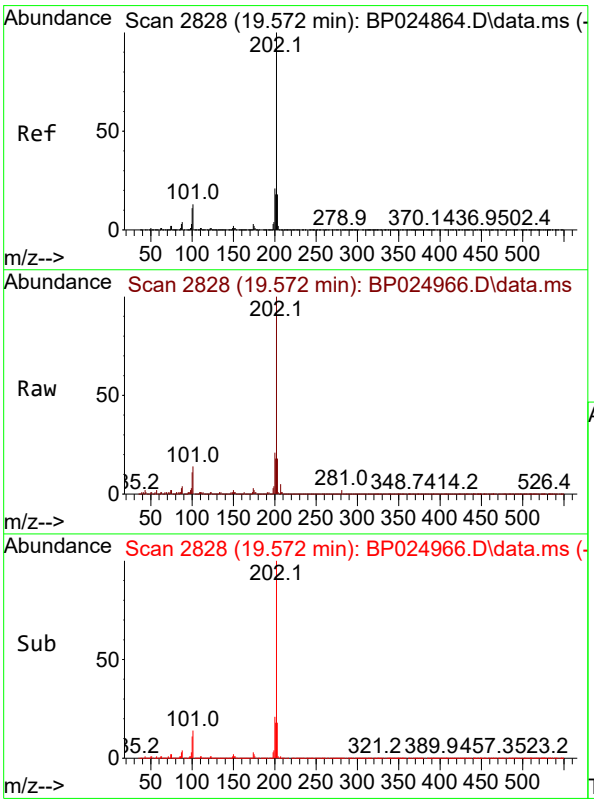
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion:240 Resp: 1499692

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.9	13.3
236	25.7	20.9	31.3

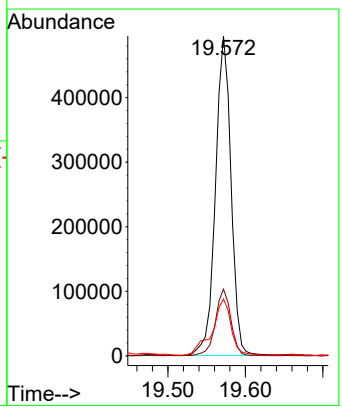


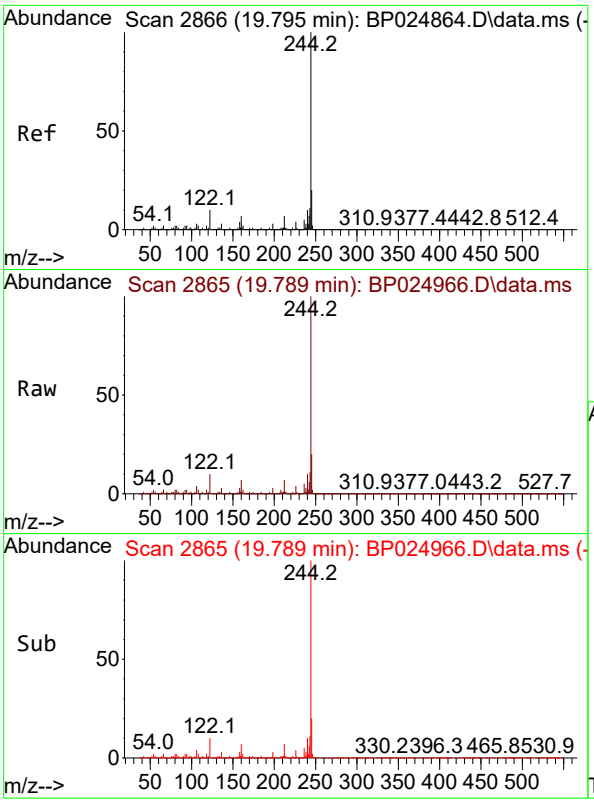


#78
Pyrene
Concen: 7.384 ng
RT: 19.572 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:202 Resp: 691821

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	17.8	14.0	21.0



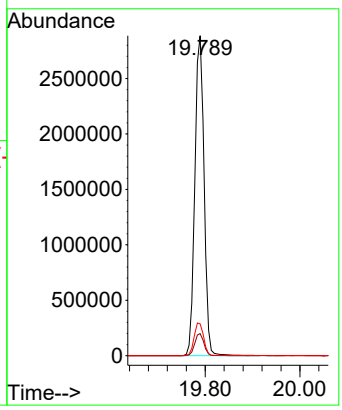


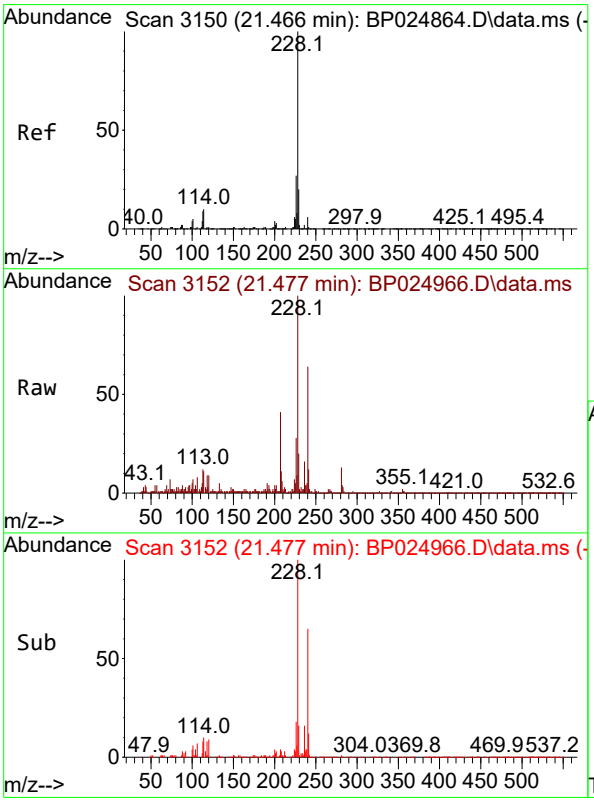
#79
Terphenyl-d14
Concen: 46.669 ng
RT: 19.789 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion:244 Resp: 3905091

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.0	7.7	11.5

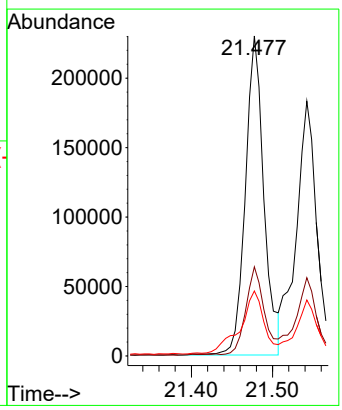


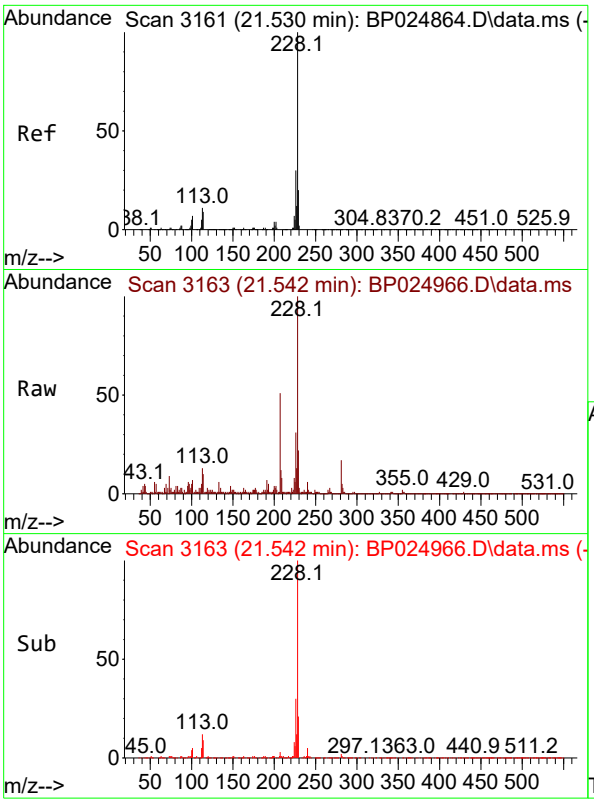


#81
Benzo(a)anthracene
Concen: 3.799 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.012 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:228 Resp: 364436

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.3	15.9	23.9



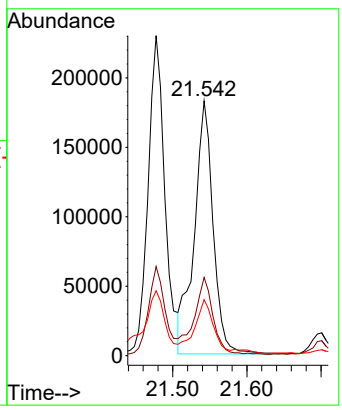


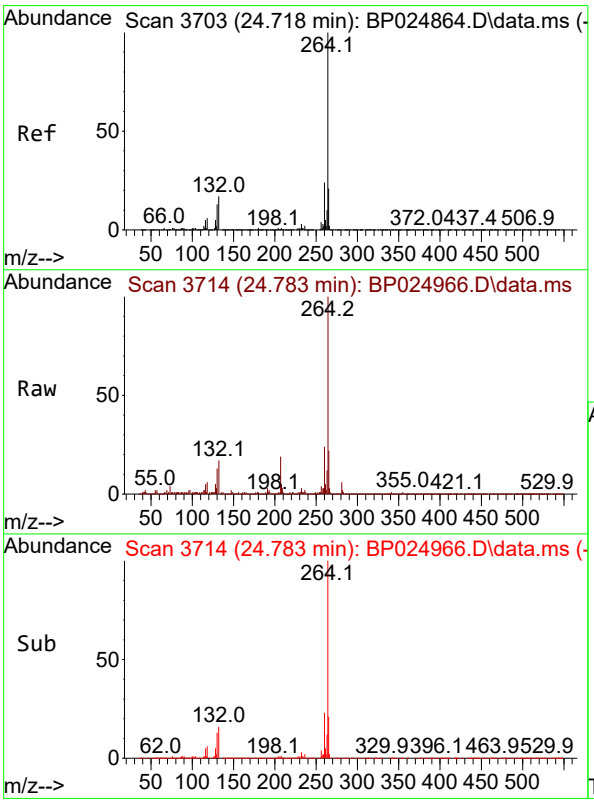
#83
Chrysene
Concen: 3.552 ng
RT: 21.542 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion:228 Resp: 322792

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	22.0	15.6	23.4

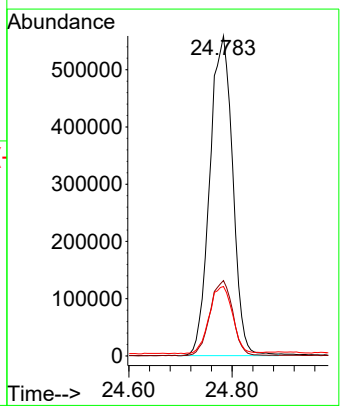


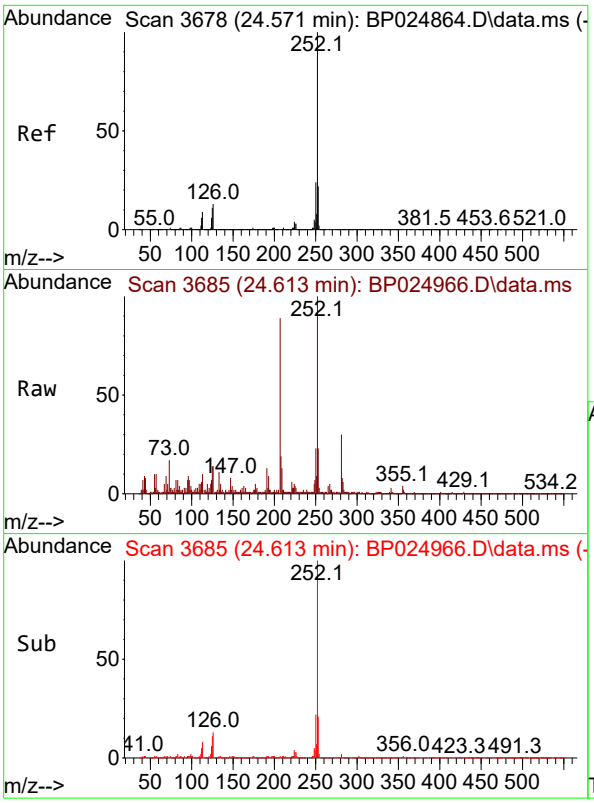


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.783 min Scan# 3714
Delta R.T. 0.065 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:264 Resp: 1715487

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.7	17.4	26.0



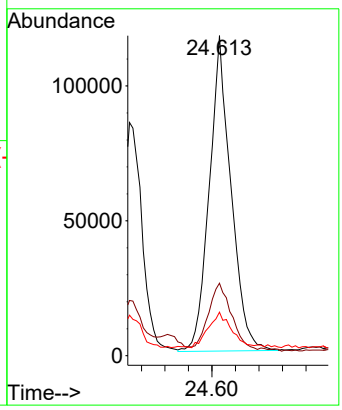


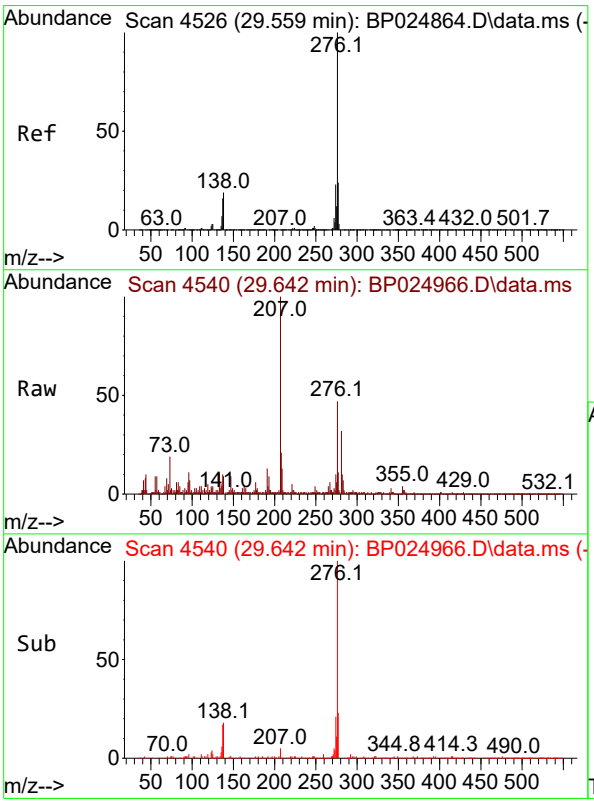
#90
Benzo(a)pyrene
Concen: 3.113 ng
RT: 24.613 min Scan# 3
Delta R.T. 0.041 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Instrument :
BNA_P
ClientSampleId :
TP04-MH2MH3-WC

Tgt Ion:252 Resp: 298452

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.6	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.121 ng
RT: 29.642 min Scan# 4540
Delta R.T. 0.082 min
Lab File: BP024966.D
Acq: 16 Jun 2025 18:25

Tgt Ion:276 Resp: 214408

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	20.2	15.4	23.2