Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Quant Time: Jun 20 01:15:07 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	7.602	152	213579	20.000	ng		-0.01
21) Naphthalene-d8	10.372	136	816738	20.000	ng		0.00
39) Acenaphthene-d10	14.248	164	499060	20.000	ng		0.00
64) Phenanthrene-d10	17.060	188	1012481	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1236779	20.000	ng		0.01
86) Perylene-d12	24.771	264	1528615	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	459415	35.905	ng		0.00
7) Phenol-d6	6.825	99	561311	33.156	ng		0.01
23) Nitrobenzene-d5	8.760	82	330630	19.671	ng		0.00
42) 2,4,6-Tribromophenol	15.783	330	235862	34.184	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	660714	17.835	ng		0.00
79) Terphenyl-d14	19.783	244	1194970	17.317	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.425	128	119467	2.854	ng		98
37) 2-Methylnaphthalene	12.054	142	61982	2.335	ng		98
38) 1-Methylnaphthalene	12.054	142	61982	2.184	ng		99
49) Acenaphthylene	13.972	152	147295	3.169	ng		96
52) Acenaphthene	14.319	154	74261	2.788	ng		98
54) 2,4-Dinitrophenol	14.378	184	122	5.585	ng	#	1
55) Dibenzofuran	14.666	168	96683	2.262	ng	#	97
56) 4-Nitrophenol	14.466	139	1709	5.638	ng		82
58) Fluorene	15.325	166	195588	5.663	ng		99
71) Phenanthrene	17.101	178	1589026	28.400	ng		99
72) Anthracene	17.195	178	392831	6.932	ng		99
73) Carbazole	17.495	167	114428	2.179	ng		95
75) Fluoranthene	19.195	202	1967486	30.339	ng		99
78) Pyrene	19.572	202	1872120	24.229	ng		99
81) Benzo(a)anthracene	21.471	228	899066	11.366	ng		99
83) Chrysene	21.536	228	838368	11.185	ng		95
87) Indeno(1,2,3-cd)pyrene	28.495	276	563465	5.052	ng		97
88) Benzo(b)fluoranthene	23.742	252	1055313	12.063	ng	#	94
89) Benzo(k)fluoranthene	23.742	252	1055313	11.851	ng	#	95
90) Benzo(a)pyrene	24.612	252	853685	9.992	ng		98
92) Benzo(g,h,i)perylene	29.665	276	584852	6.493	ng	#	96

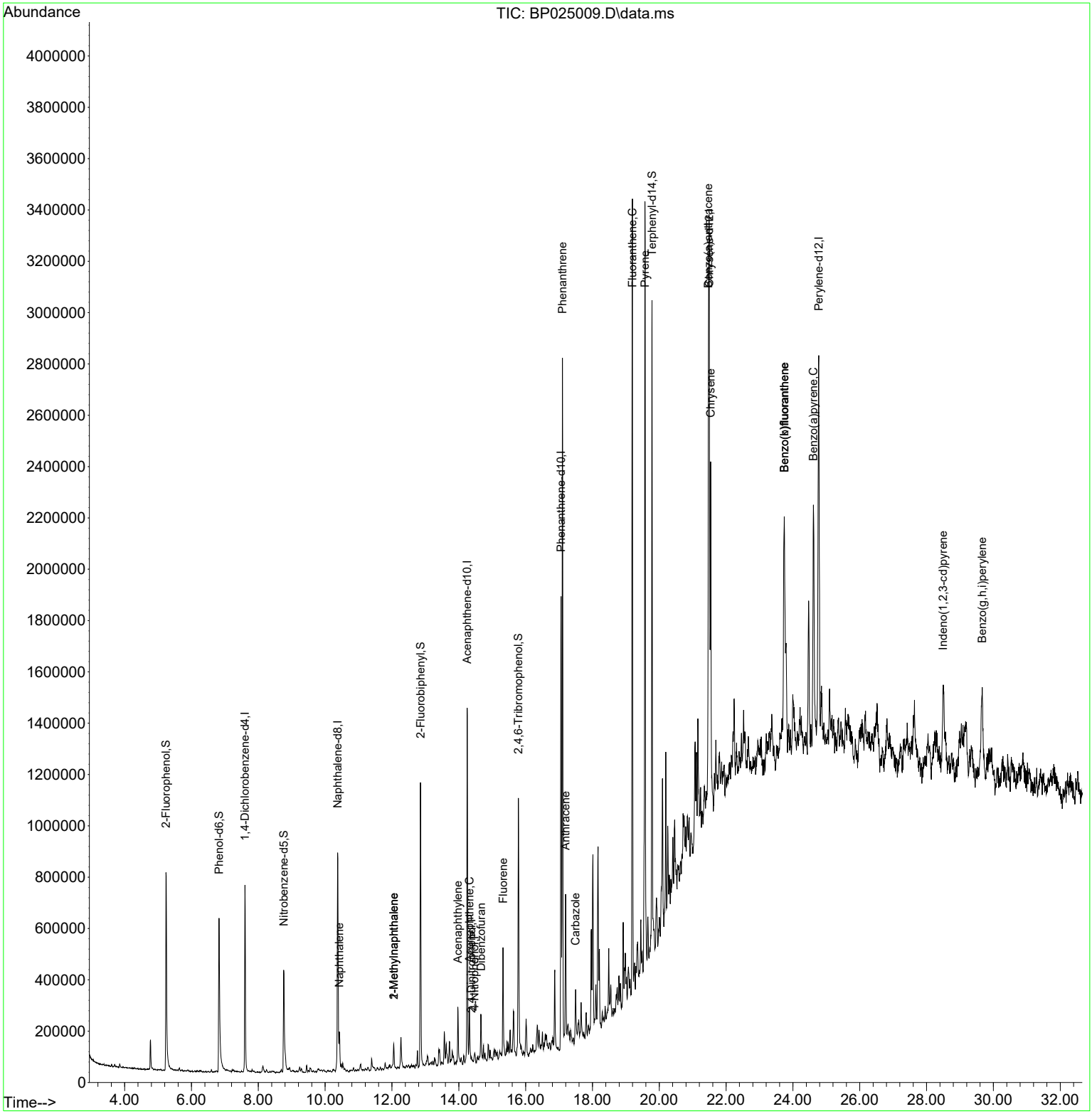
(#) = qualifier out of range (m) = manual integration (+) = signals summed

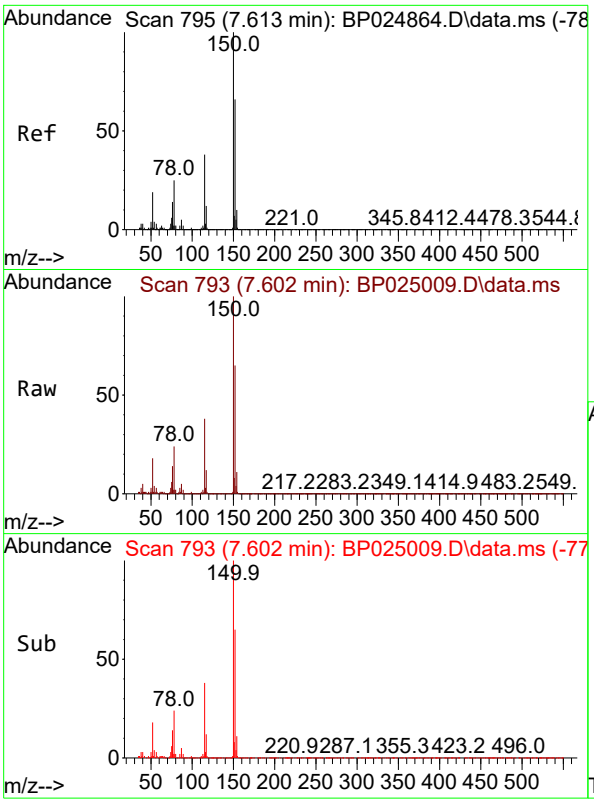
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Quant Time: Jun 20 01:15:07 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



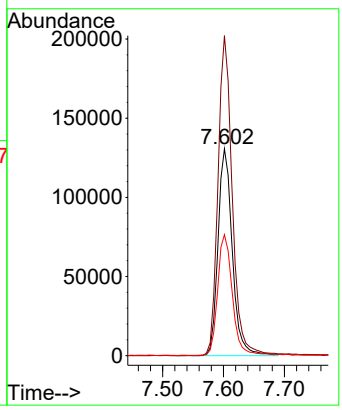


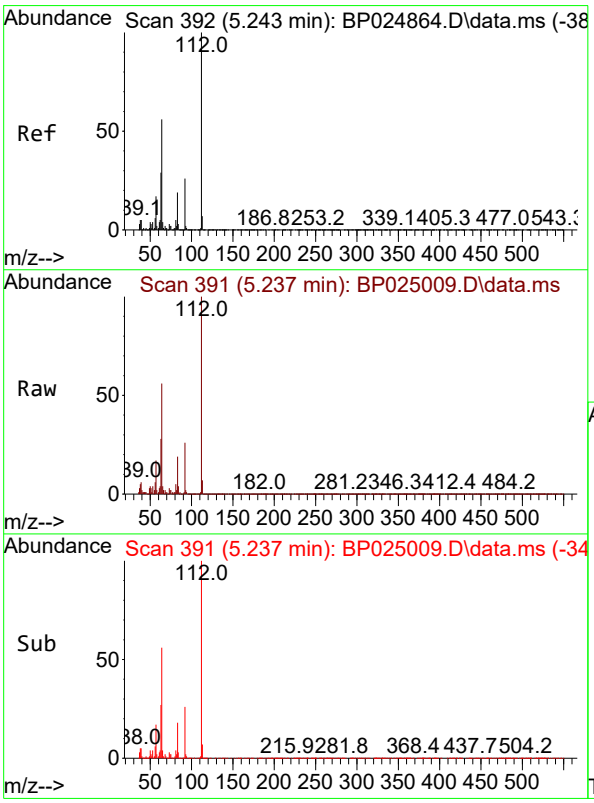
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:152 Resp: 213579

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.1	183.1
115	58.5	46.4	69.6

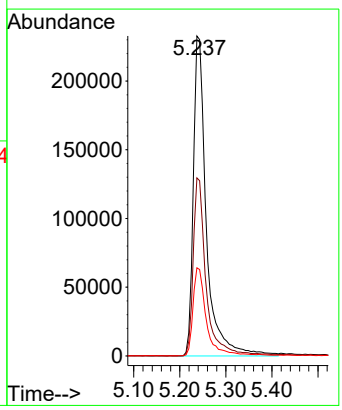


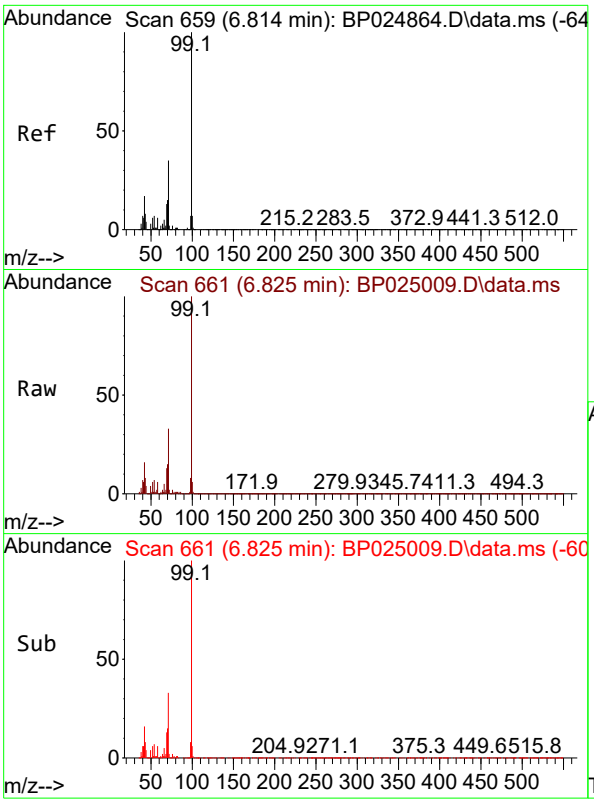


#5
2-Fluorophenol
Concen: 35.905 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:112 Resp: 459415

Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.7	67.1
63	27.5	23.5	35.3



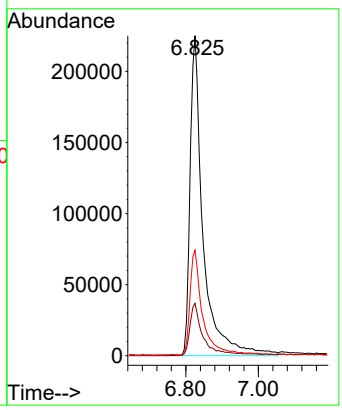


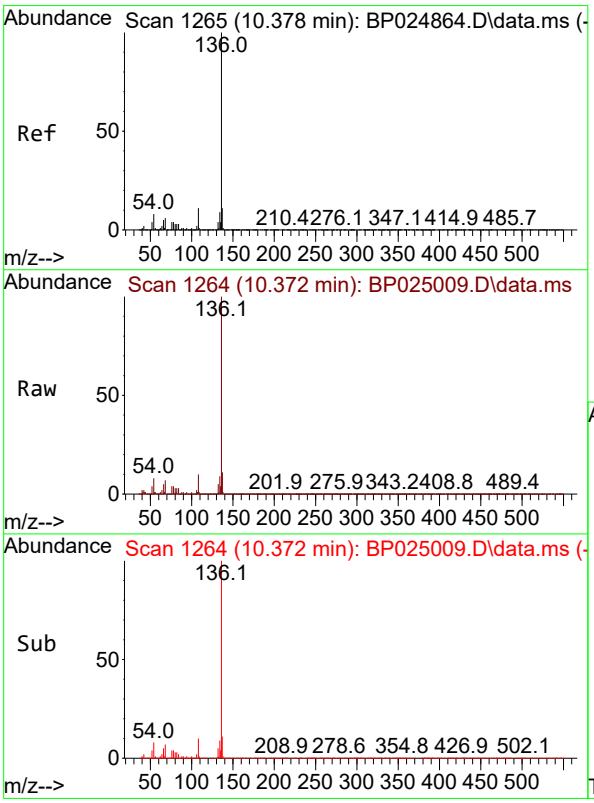
#7
Phenol-d6
Concen: 33.156 ng
RT: 6.825 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion: 99 Resp: 561311

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	33.0	27.6	41.4

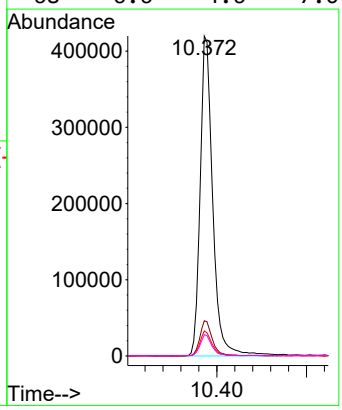


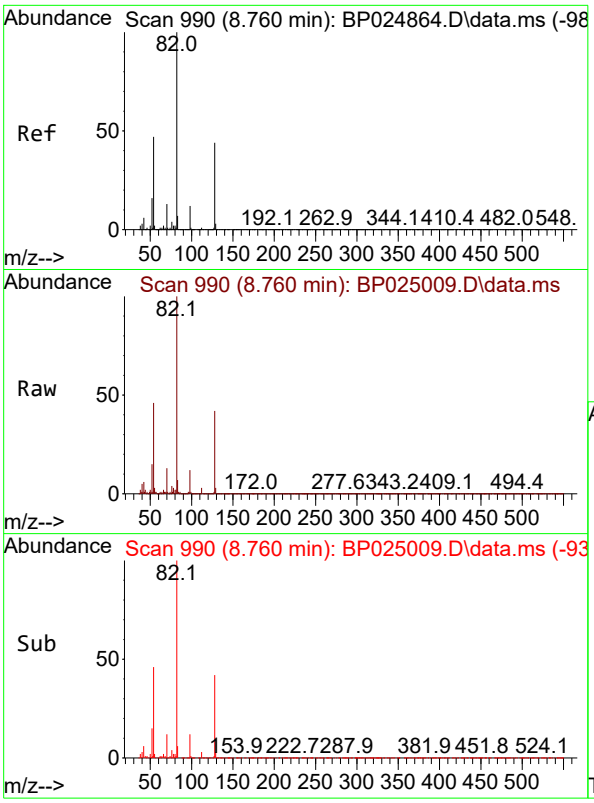


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:136 Resp: 816738

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	6.1	9.1
68	6.6	4.6	7.0



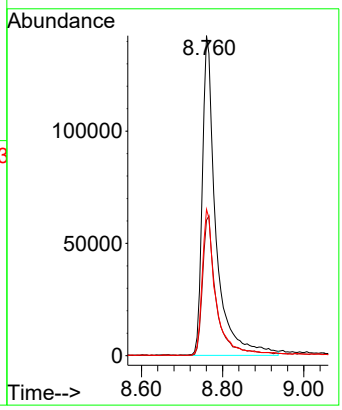


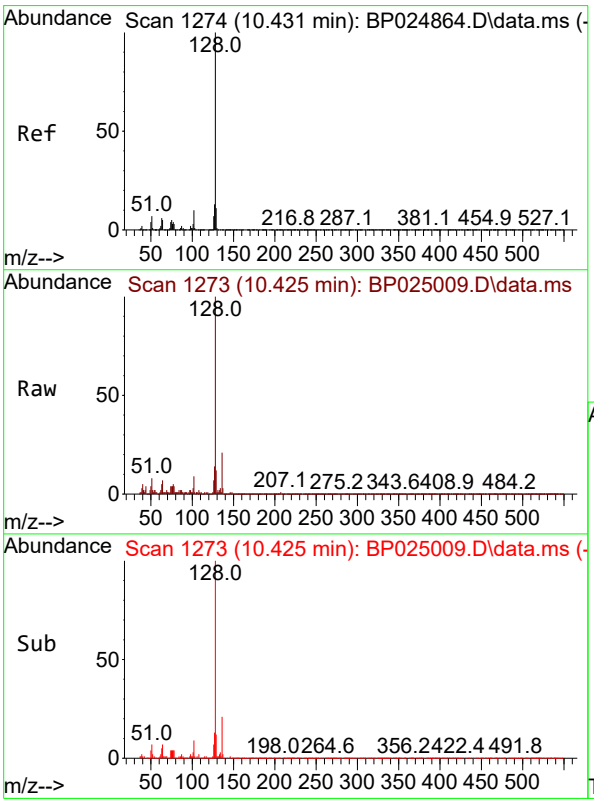
#23
Nitrobenzene-d5
Concen: 19.671 ng
RT: 8.760 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion: 82 Resp: 330630

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.3	52.9
54	45.8	37.4	56.0

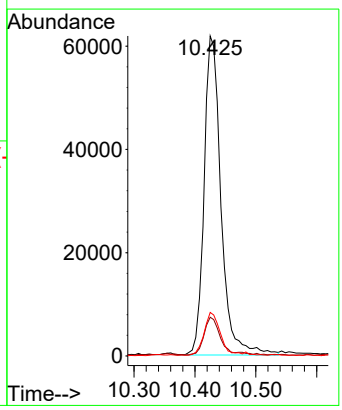


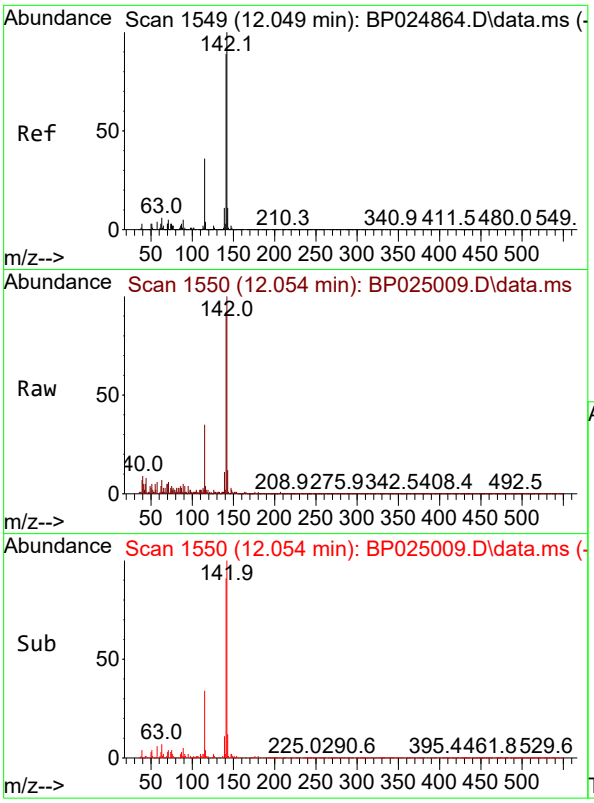


#31
Naphthalene
Concen: 2.854 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:128 Resp: 119467

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.7	13.1
127	13.6	10.7	16.1



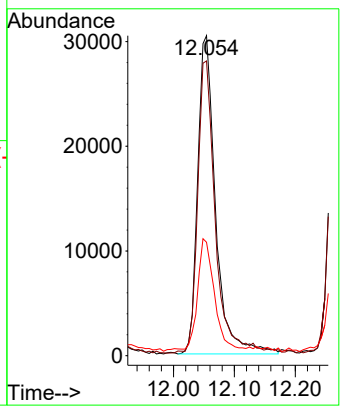


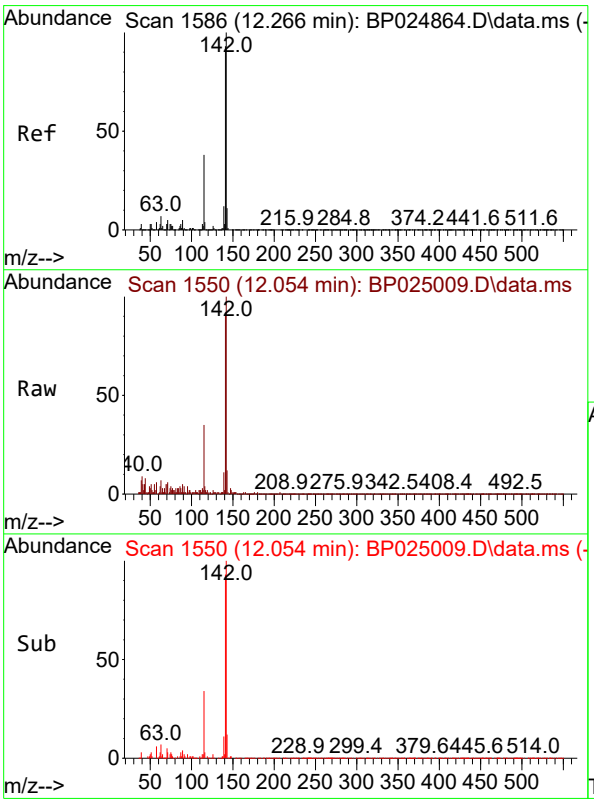
#37
2-Methylnaphthalene
Concen: 2.335 ng
RT: 12.054 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:142 Resp: 61982

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.2	106.8
115	35.4	28.5	42.7

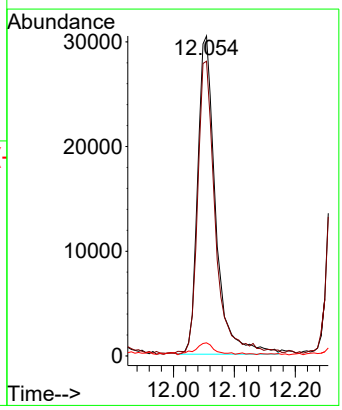


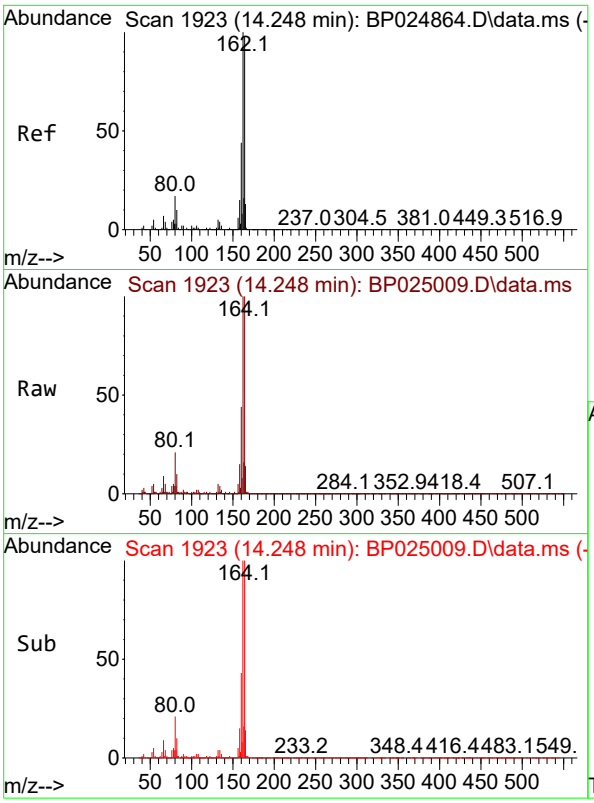


#38
1-Methylnaphthalene
Concen: 2.184 ng
RT: 12.054 min Scan# 1550
Delta R.T. -0.212 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:142 Resp: 61982

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.7	112.1
116	4.1	3.4	5.0



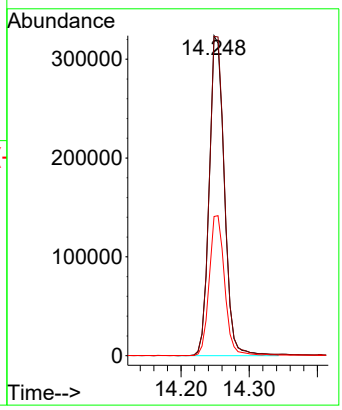


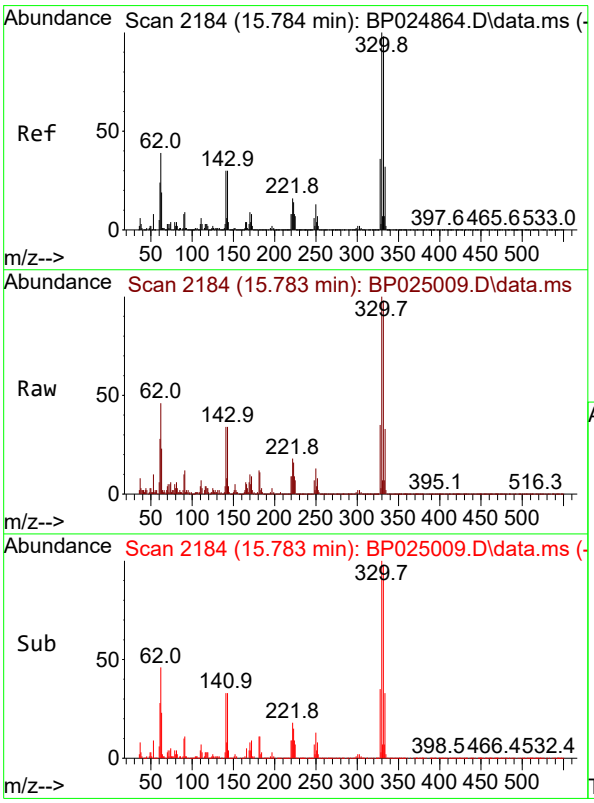
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:164 Resp: 499060

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.6	122.4
160	43.5	36.2	54.2

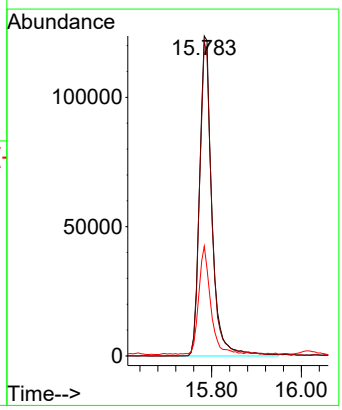


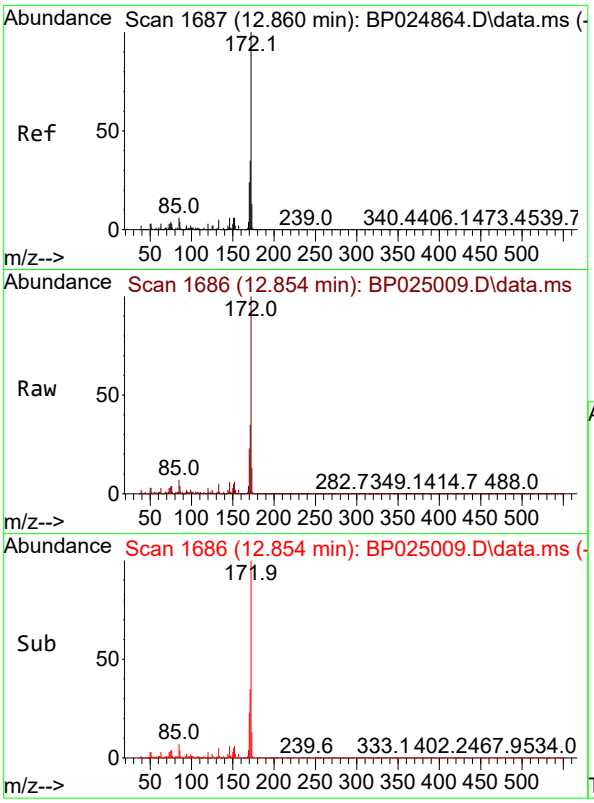


#42
2,4,6-Tribromophenol
Concen: 34.184 ng
RT: 15.783 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:330 Resp: 235862

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	32.4	26.4	39.6



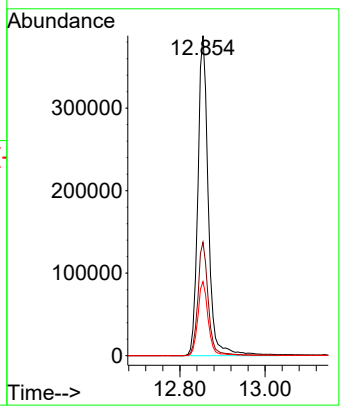


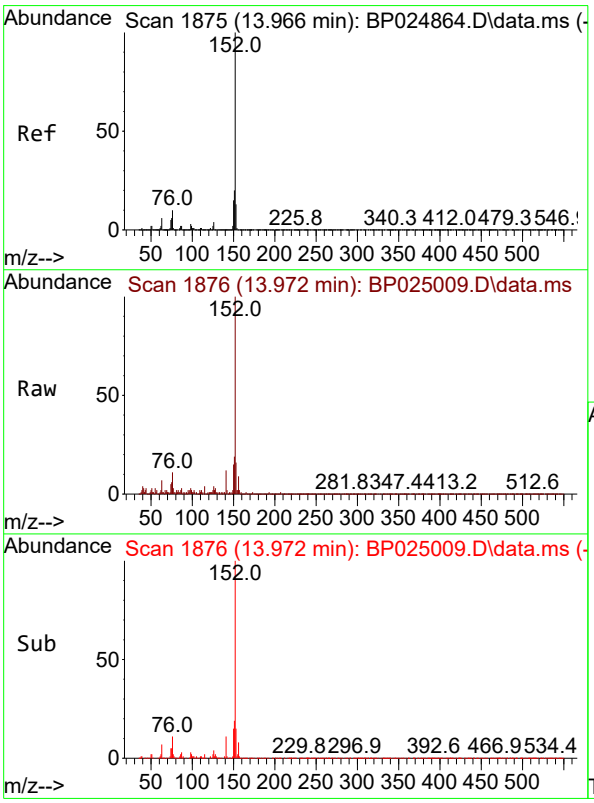
#45
2-Fluorobiphenyl
Concen: 17.835 ng
RT: 12.854 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:172 Resp: 660714

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.2	19.0	28.4

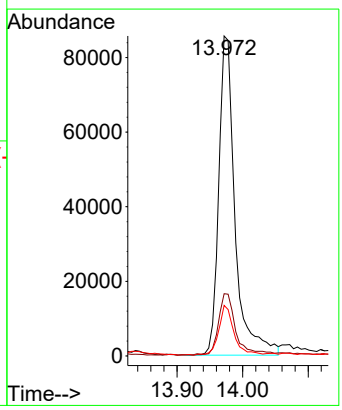


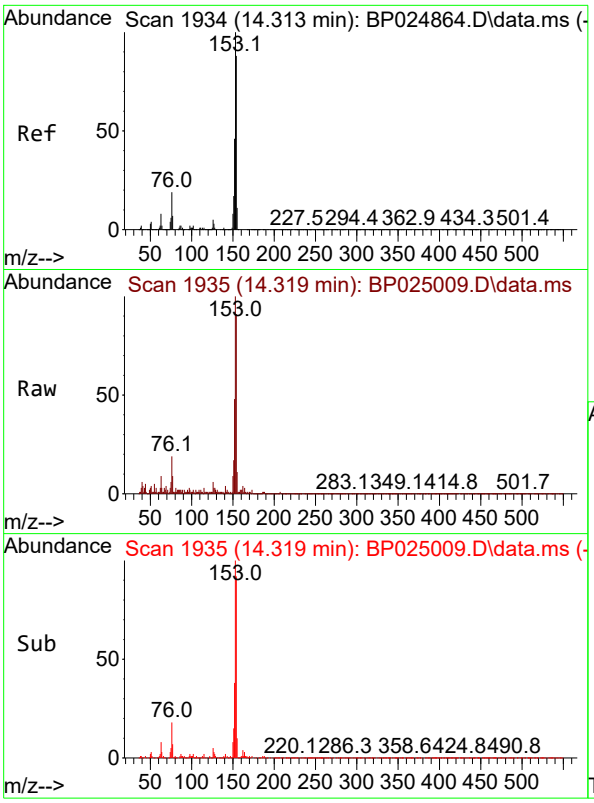


#49
Acenaphthylene
Concen: 3.169 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:152 Resp: 147295

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.2
153	15.8	10.6	15.8



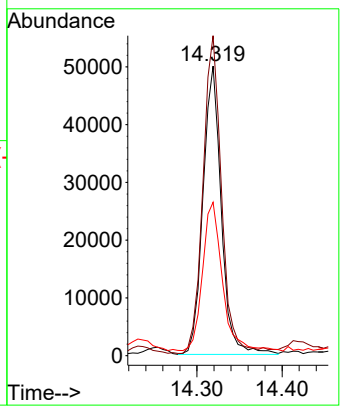


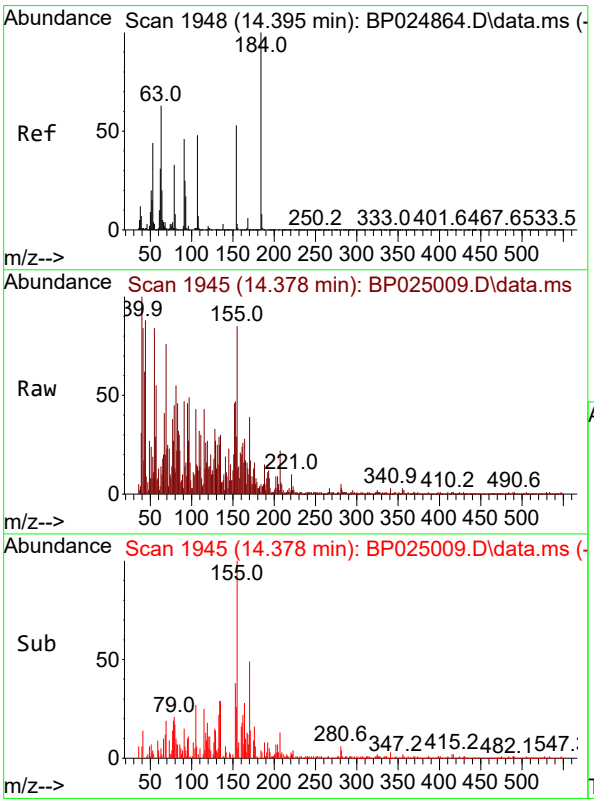
#52
Acenaphthene
Concen: 2.788 ng
RT: 14.319 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:154 Resp: 74261

Ion	Ratio	Lower	Upper
154	100		
153	110.5	90.5	135.7
152	53.0	42.1	63.1

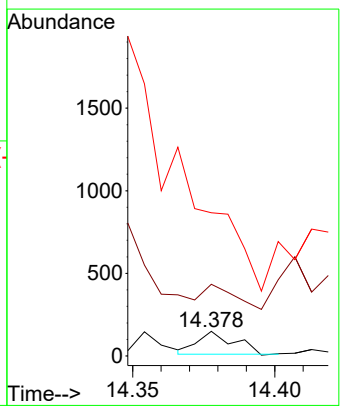


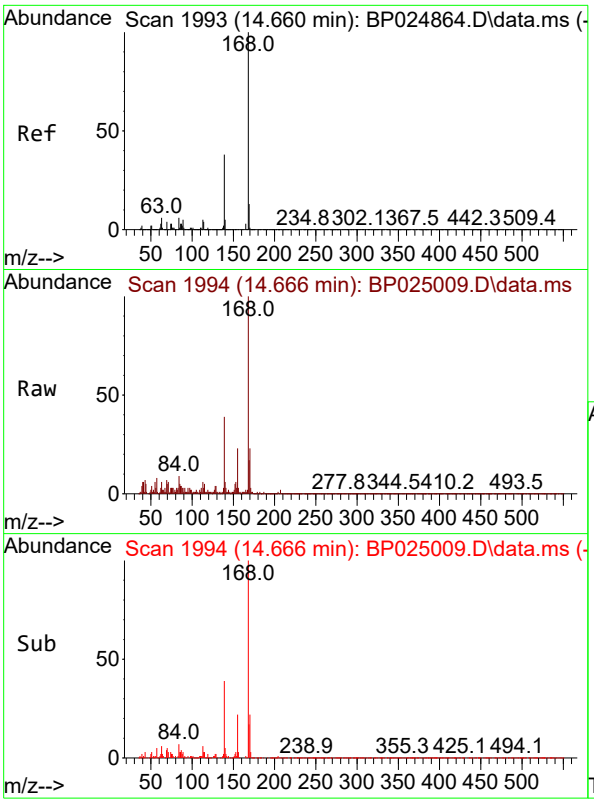


#54
2,4-Dinitrophenol
Concen: 5.585 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.017 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:184 Resp: 122

Ion	Ratio	Lower	Upper
184	100		
63	291.3	51.0	76.4#
154	581.9	51.7	77.5#



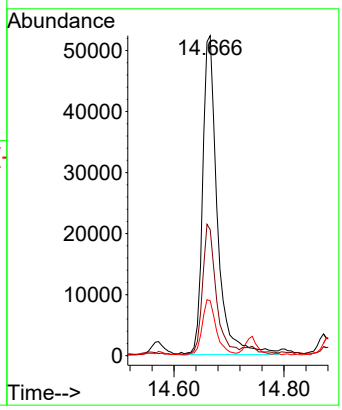


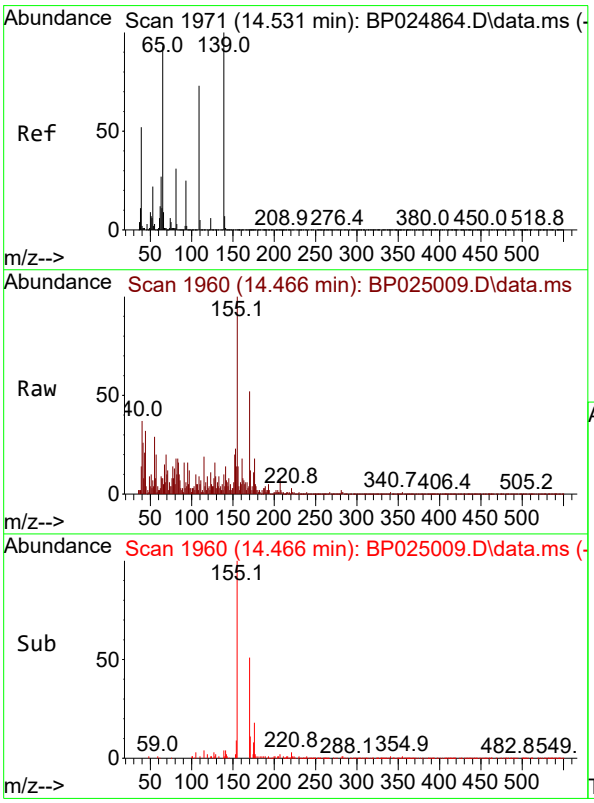
#55
Dibenzofuran
Concen: 2.262 ng
RT: 14.666 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:168 Resp: 96683

Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.6	47.4
169	17.2	10.6	15.8#

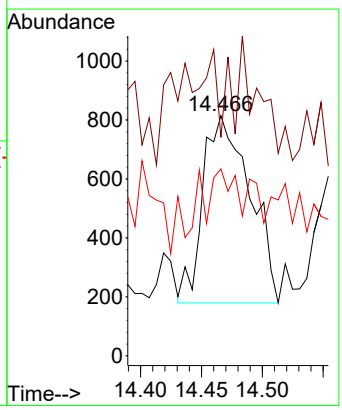


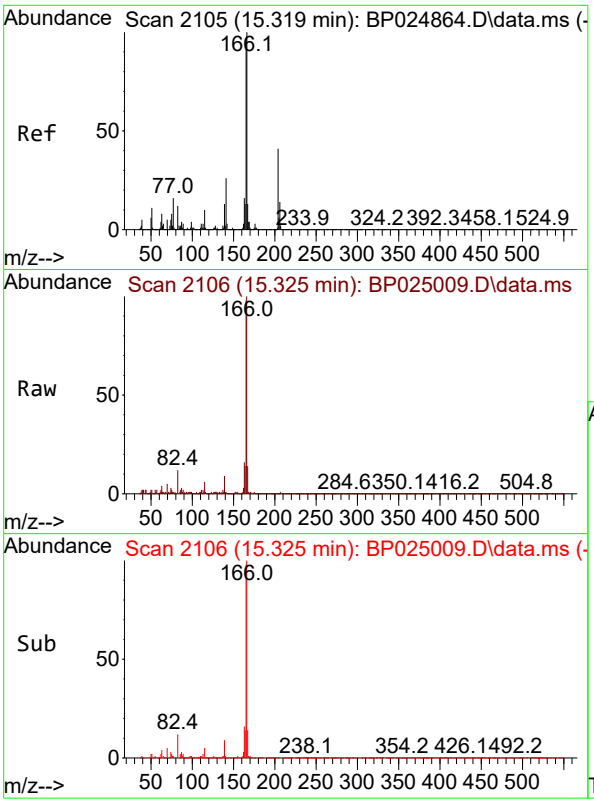


#56
4-Nitrophenol
Concen: 5.638 ng
RT: 14.466 min Scan# 1960
Delta R.T. -0.065 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:139 Resp: 1709

Ion	Ratio	Lower	Upper
139	100		
109	90.9	53.1	93.1
65	77.8	73.0	113.0



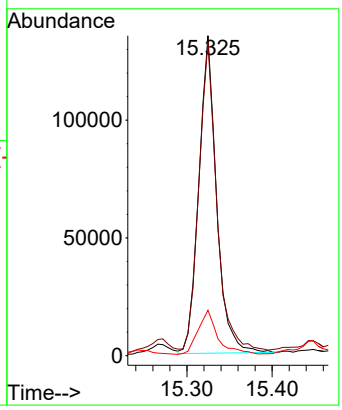


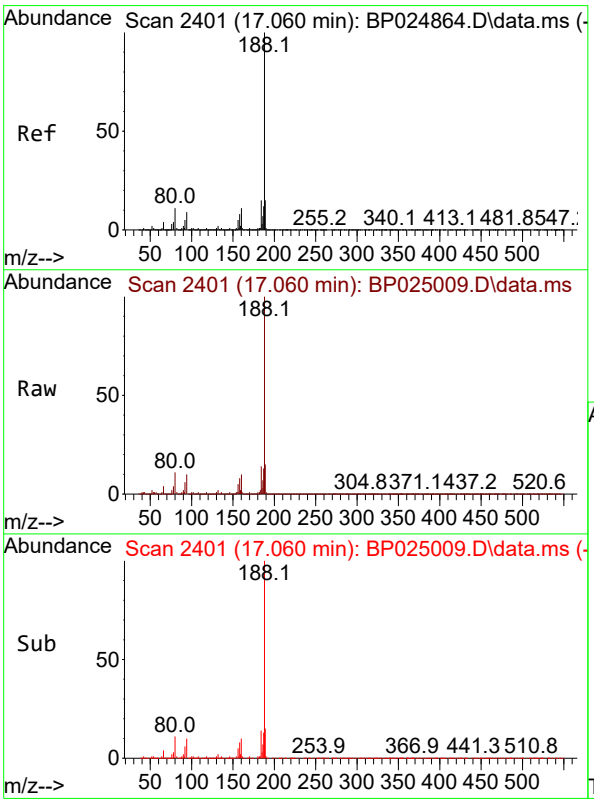
#58
Fluorene
Concen: 5.663 ng
RT: 15.325 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:166 Resp: 195588

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.7	116.5
167	14.2	10.6	16.0

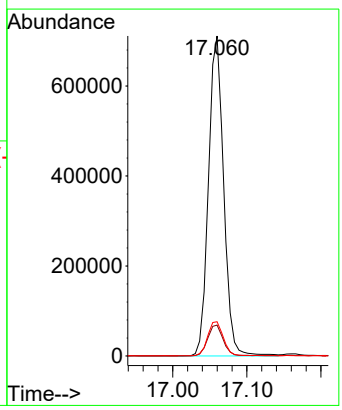


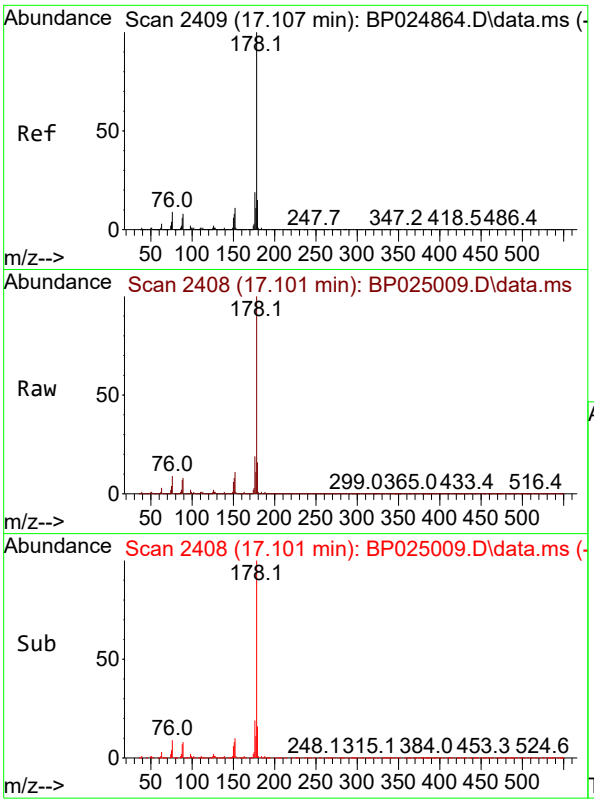


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:188 Resp: 1012481

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.3	10.9
80	10.7	8.5	12.7



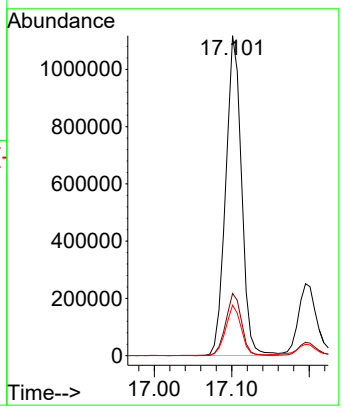


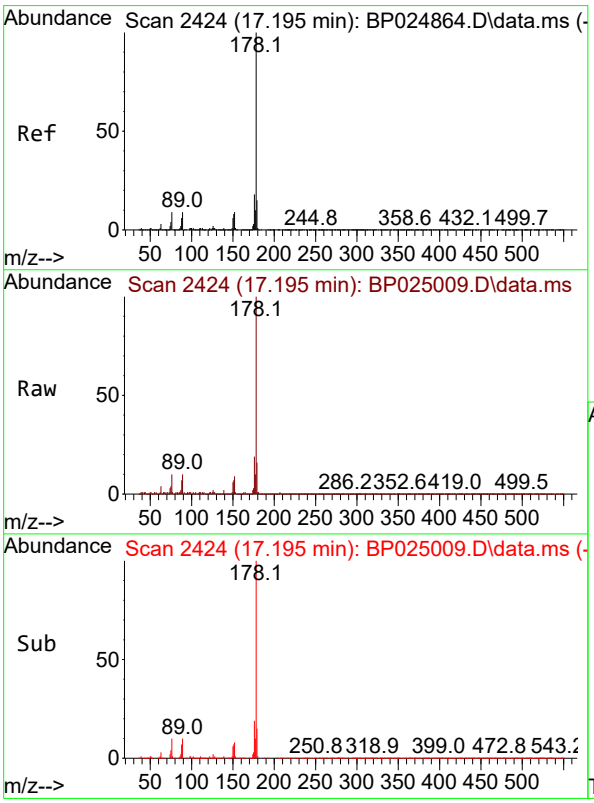
#71
Phenanthrene
Concen: 28.400 ng
RT: 17.101 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:178 Resp: 1589026

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.8	12.1	18.1

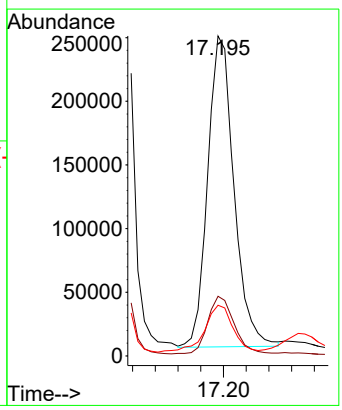


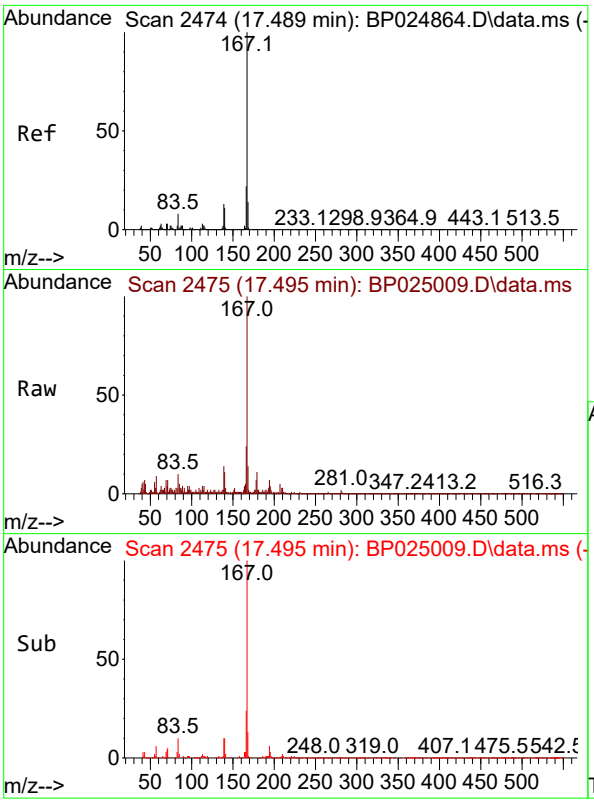


#72
Anthracene
Concen: 6.932 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:178 Resp: 392831

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.8	12.3	18.5



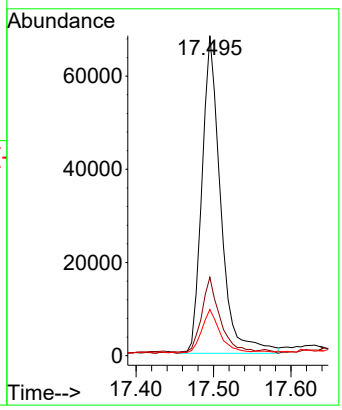


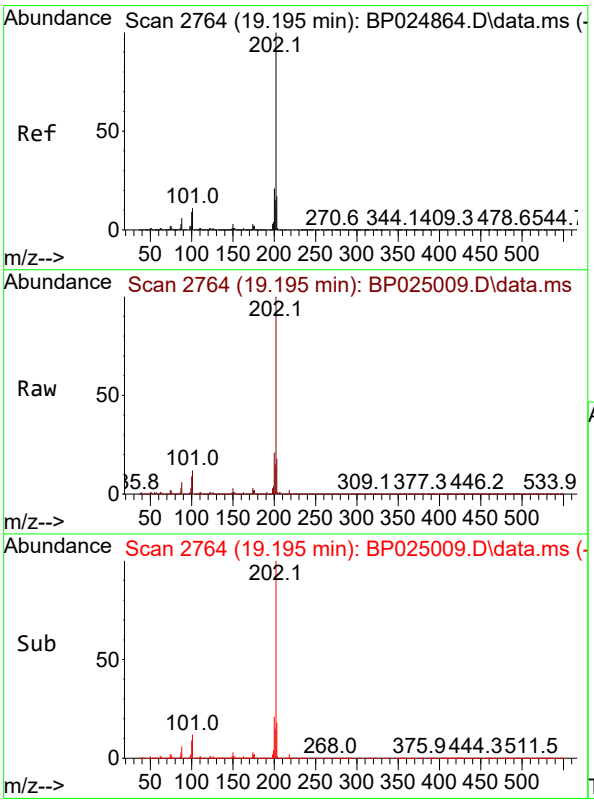
#73
Carbazole
Concen: 2.179 ng
RT: 17.495 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:167 Resp: 114428

Ion	Ratio	Lower	Upper
167	100		
166	24.5	17.3	25.9
139	14.4	10.8	16.2

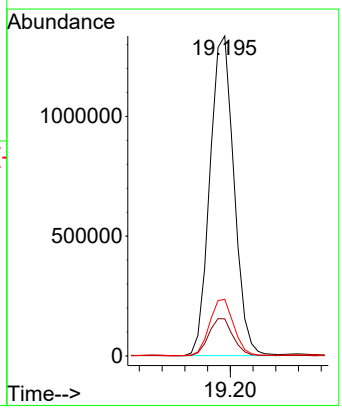


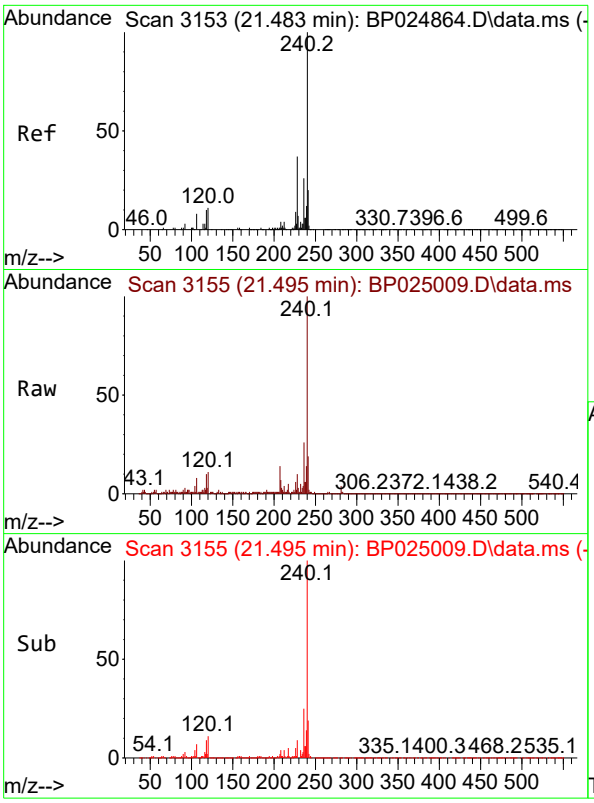


#75
Fluoranthene
Concen: 30.339 ng
RT: 19.195 min Scan# 2764
Delta R.T. -0.000 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:202 Resp: 1967486

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.7	0.0	37.5



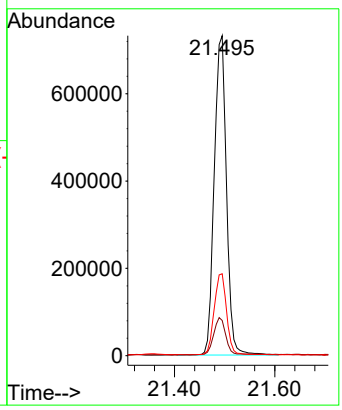


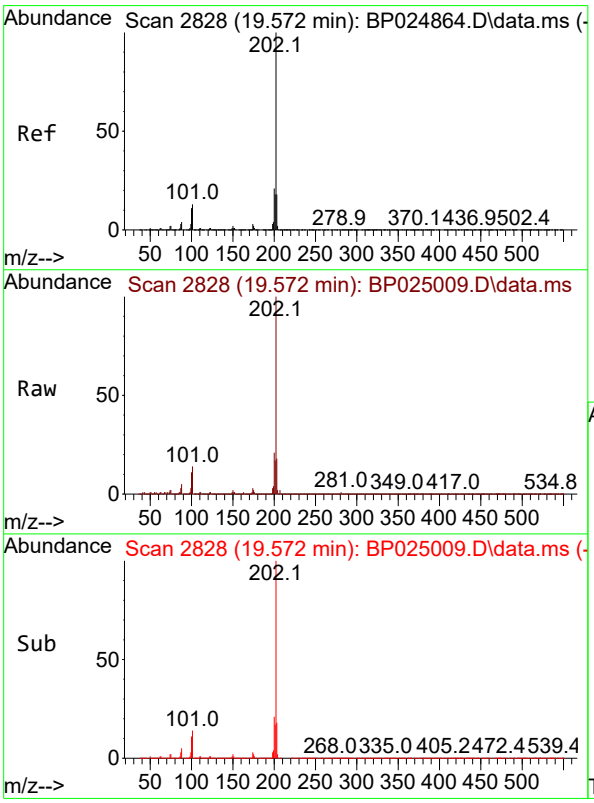
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:240 Resp: 1236779

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.6	20.9	31.3

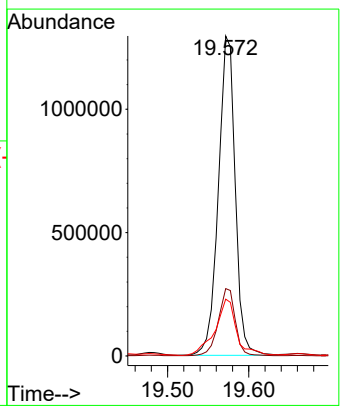


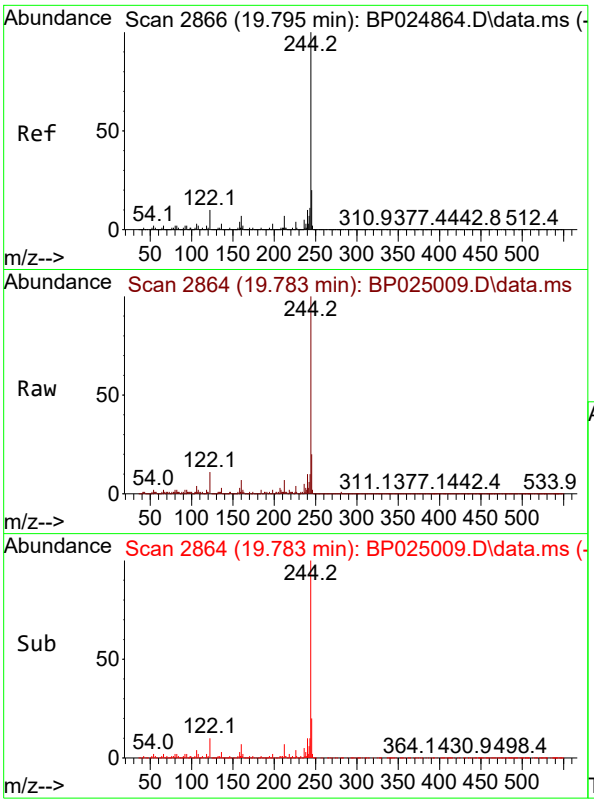


#78
Pyrene
Concen: 24.229 ng
RT: 19.572 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:202 Resp: 1872120

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.7	14.0	21.0



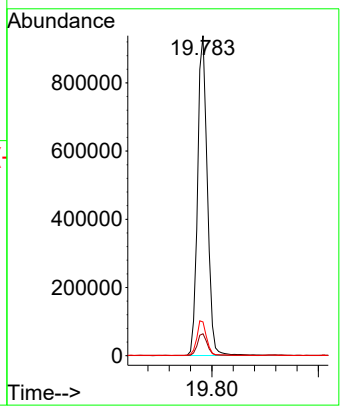


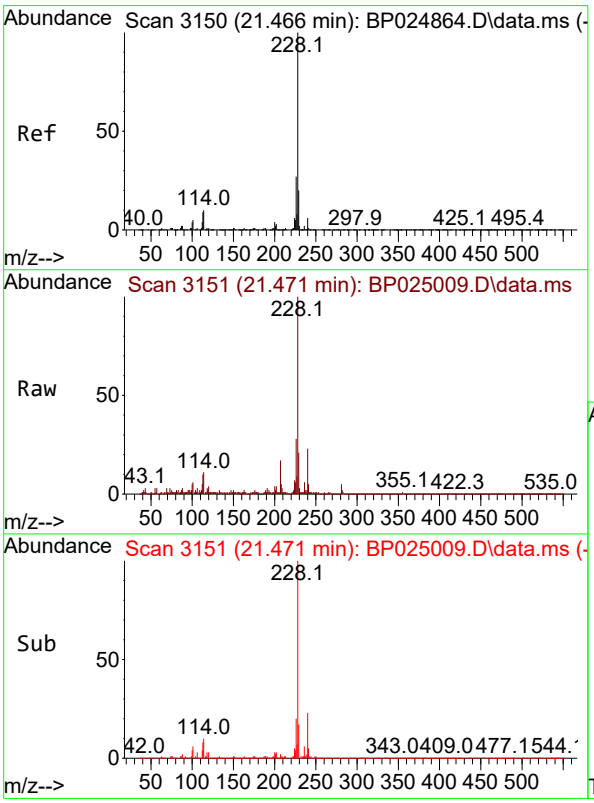
#79
Terphenyl-d14
Concen: 17.317 ng
RT: 19.783 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:244 Resp: 1194970

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.6	7.7	11.5

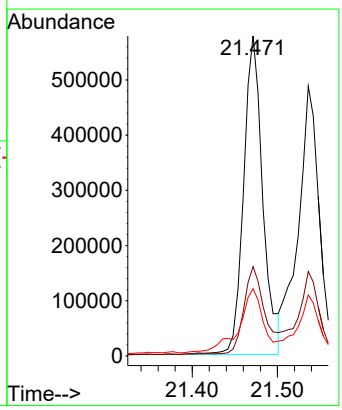


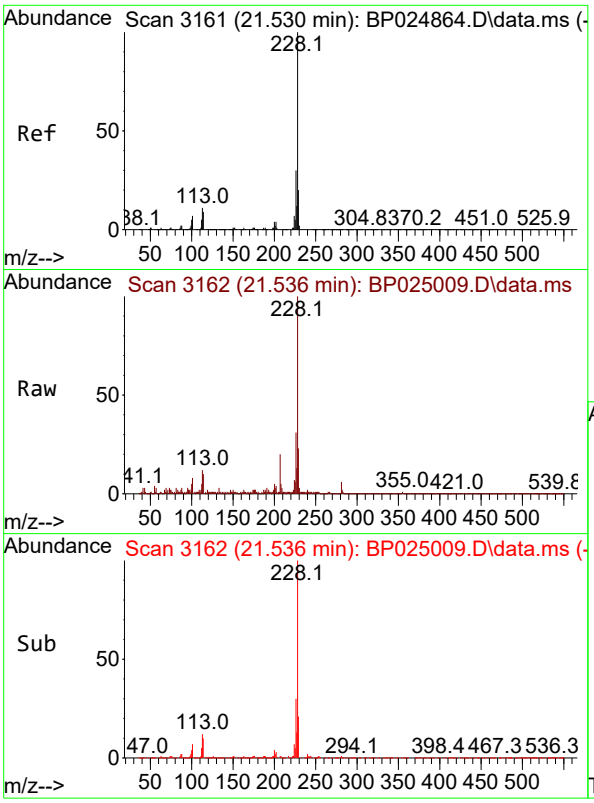


#81
Benzo(a)anthracene
Concen: 11.366 ng
RT: 21.471 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:228 Resp: 899066

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	21.0	15.9	23.9



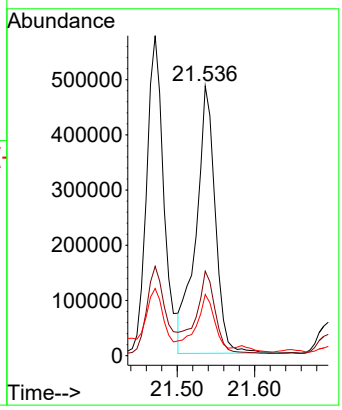


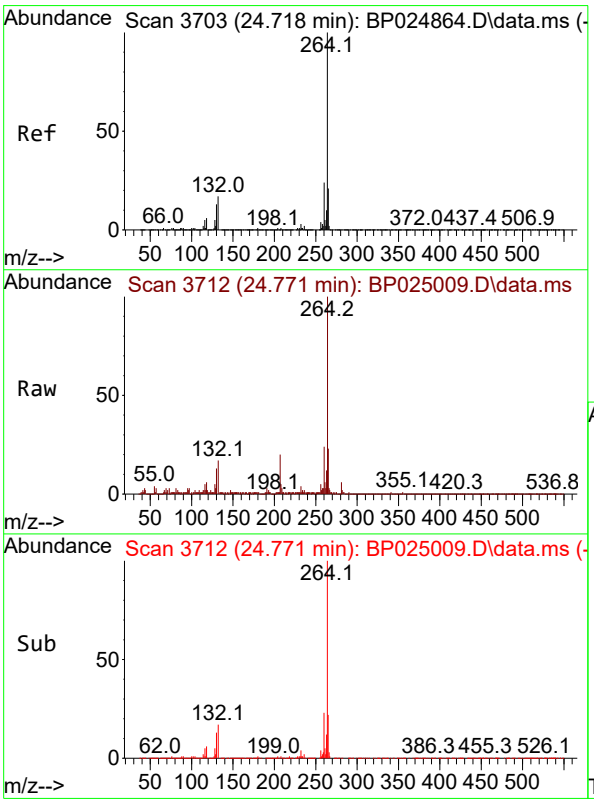
#83
Chrysene
Concen: 11.185 ng
RT: 21.536 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:228 Resp: 838368

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.6
229	22.6	15.6	23.4

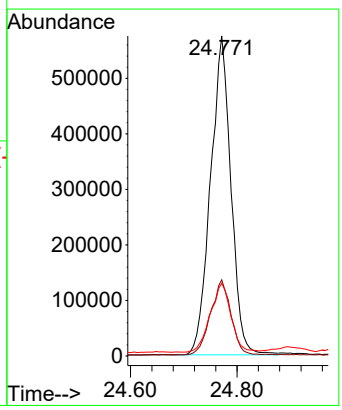


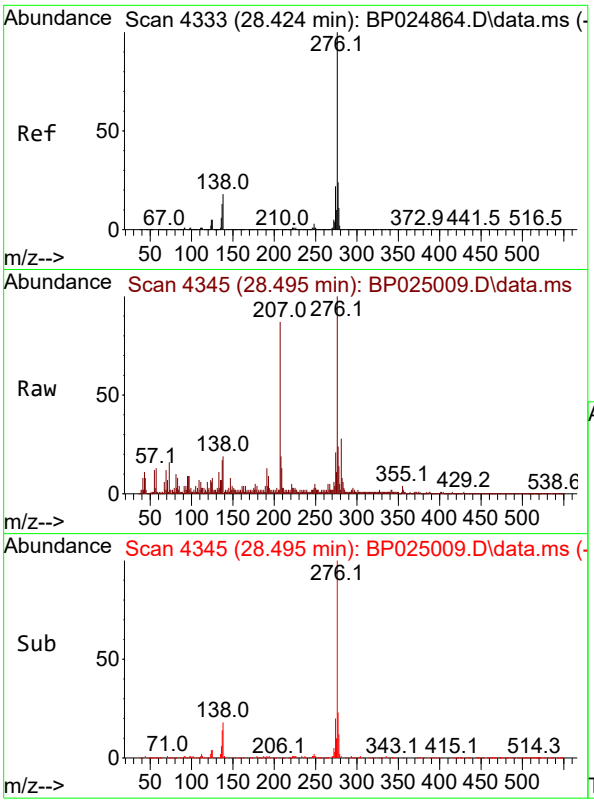


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.771 min Scan# 3712
Delta R.T. 0.053 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:264 Resp: 1528615

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.7	17.4	26.0



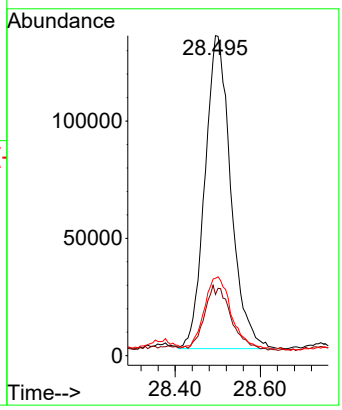


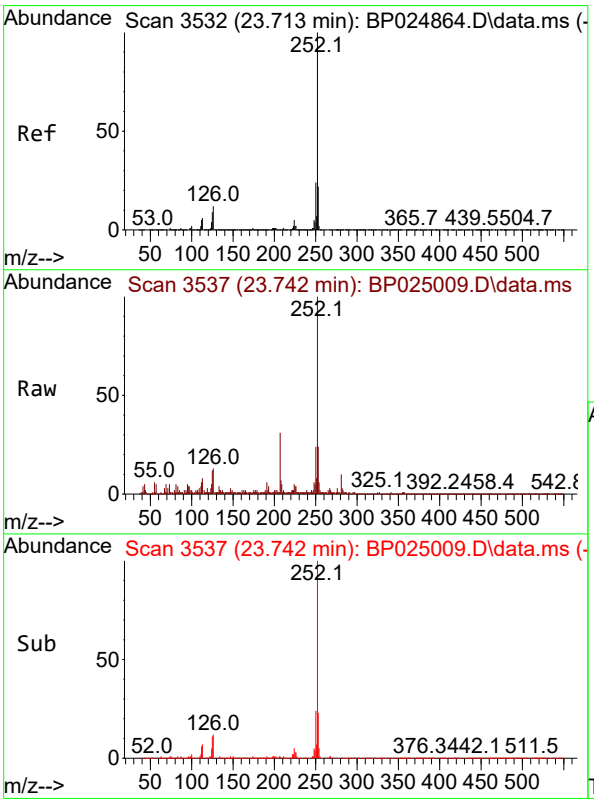
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.052 ng
RT: 28.495 min Scan# 4
Delta R.T. 0.070 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:276 Resp: 563465

Ion	Ratio	Lower	Upper
276	100		
138	21.3	18.6	27.8
277	24.2	20.2	30.4

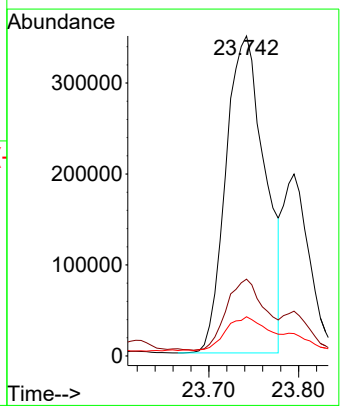


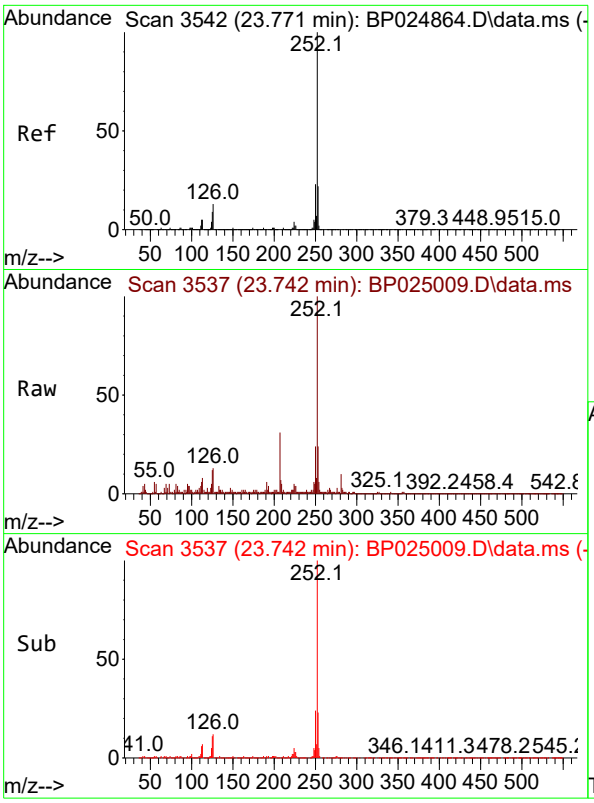


#88
Benzo(b)fluoranthene
Concen: 12.063 ng
RT: 23.742 min Scan# 3537
Delta R.T. 0.029 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:252 Resp: 1055313

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	12.3	7.1	10.7#



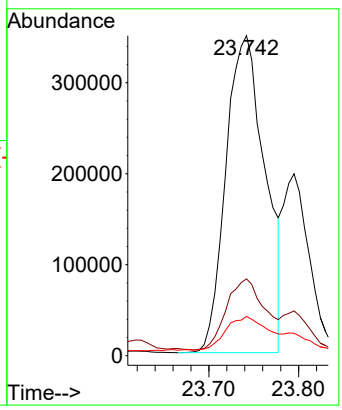


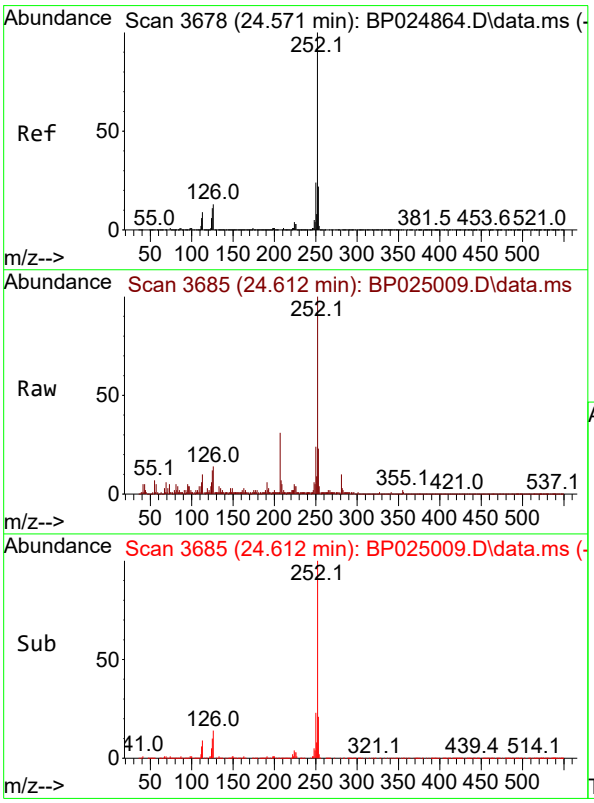
#89
Benzo(k)fluoranthene
Concen: 11.851 ng
RT: 23.742 min Scan# 3
Delta R.T. -0.030 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:252 Resp: 1055313

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	12.3	7.4	11.0#

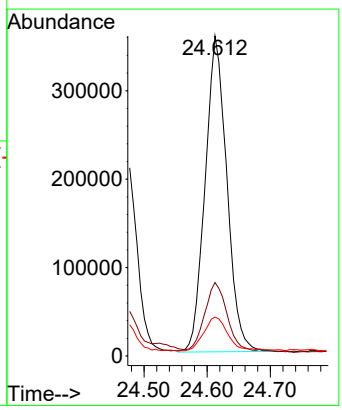


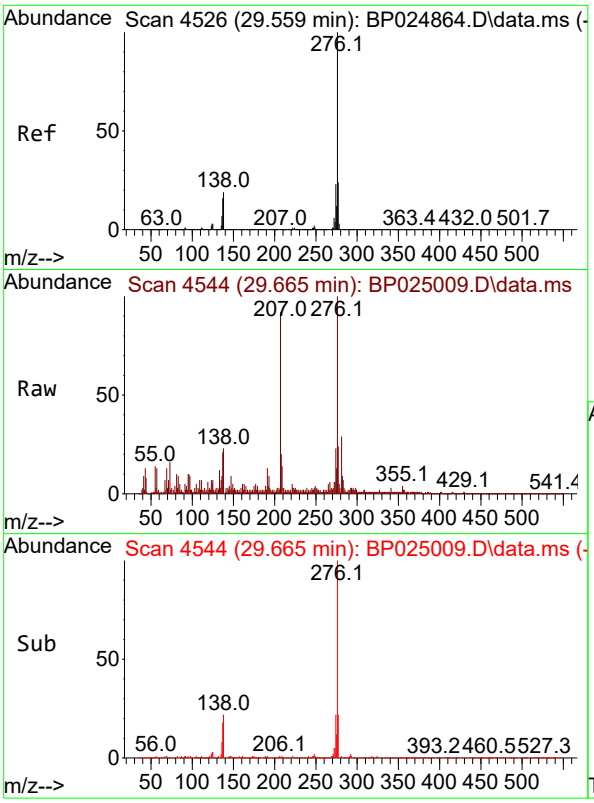


#90
Benzo(a)pyrene
Concen: 9.992 ng
RT: 24.612 min Scan# 3685
Delta R.T. 0.041 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Tgt Ion:252 Resp: 853685

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.2	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 6.493 ng
RT: 29.665 min Scan# 4
Delta R.T. 0.106 min
Lab File: BP025009.D
Acq: 19 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

Tgt Ion:276 Resp: 584852

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	23.3	15.4	23.2#