Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025092.D
Acq On : 10 Jul 2025 21:08
Operator : CG/JU
Sample : Q2523-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Quant Time: Jul 11 02:59:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	463514	20.000	ng		0.00
21) Naphthalene-d8	10.184	136	2312706	20.000	ng		0.00
39) Acenaphthene-d10	14.089	164	734110	20.000	ng	#	0.00
64) Phenanthrene-d10	16.889	188	3455m	20.000	ng		-0.02
76) Chrysene-d12	21.424	240	2566090	20.000	ng	#	0.08
86) Perylene-d12	24.501	264	3643874	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	953902	36.464	ng		0.00
7) Phenol-d6	6.625	99	1426863	41.797	ng		0.00
23) Nitrobenzene-d5	8.572	82	1162941	33.442	ng		0.00
42) 2,4,6-Tribromophenol	15.689	330	869539m	100.266	ng		0.07
45) 2-Fluorobiphenyl	12.690	172	3443219	72.661	ng		0.00
79) Terphenyl-d14	19.795	244	1305538	11.182	ng		0.12
Target Compounds							Qvalue
46) 1,1'-Biphenyl	12.901	154	517799	9.694	ng		95
81) Benzo(a)anthracene	21.407	228	643887	4.141	ng	#	74
83) Chrysene	21.466	228	1081274	7.225	ng	#	87
84) Bis(2-ethylhexyl)phtha...	21.366	149	1011880m	12.131	ng		
85) Di-n-octyl phthalate	22.636	149	1585300	15.147	ng	#	44
87) Indeno(1,2,3-cd)pyrene	27.989	276	738565	3.182	ng	#	90
88) Benzo(b)fluoranthene	23.530	252	1748233	8.243	ng	#	87
89) Benzo(k)fluoranthene	23.589	252	574644m	2.723	ng		
90) Benzo(a)pyrene	24.360	252	745392	4.129	ng	#	90
92) Benzo(g,h,i)perylene	29.077	276	687553	3.469	ng		99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
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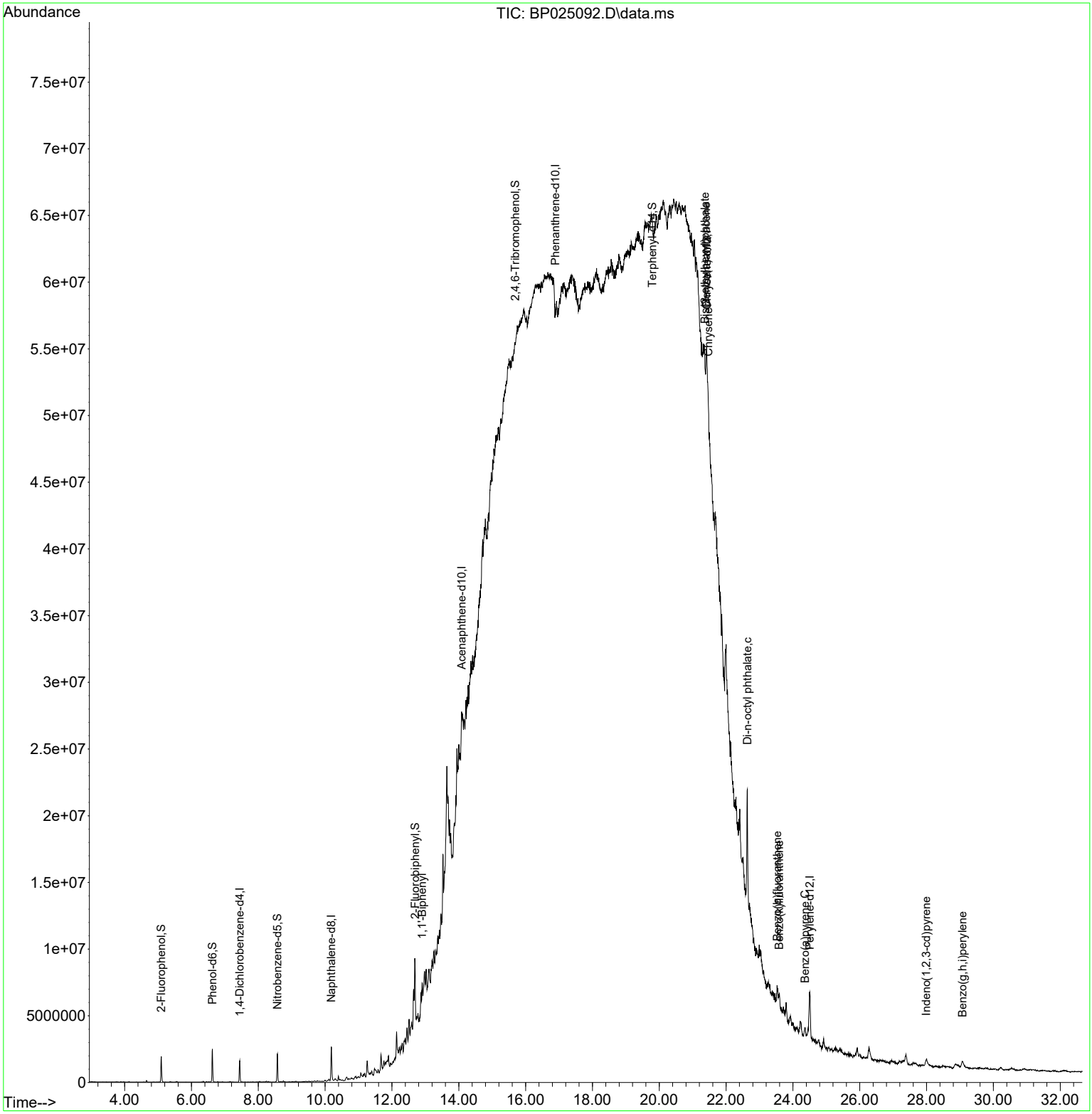
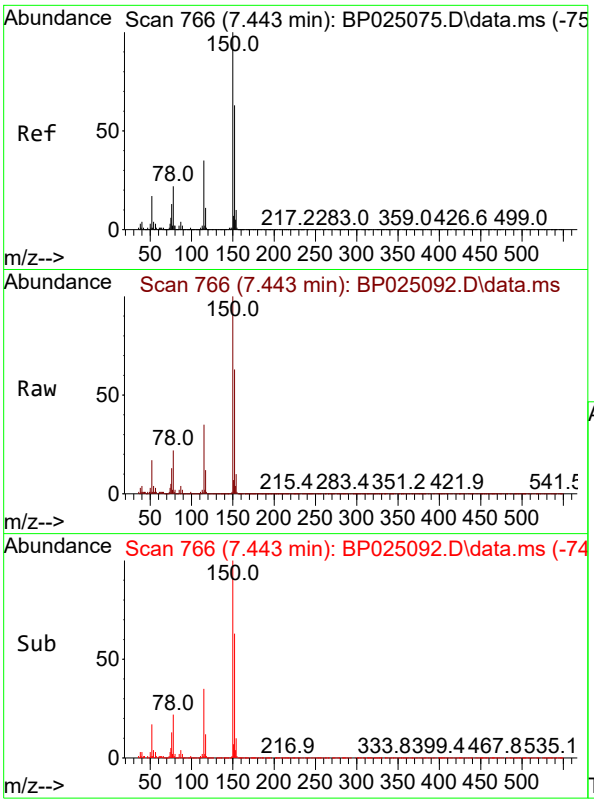


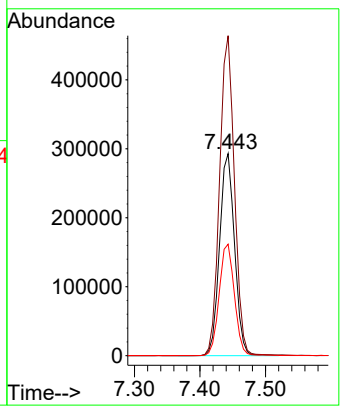


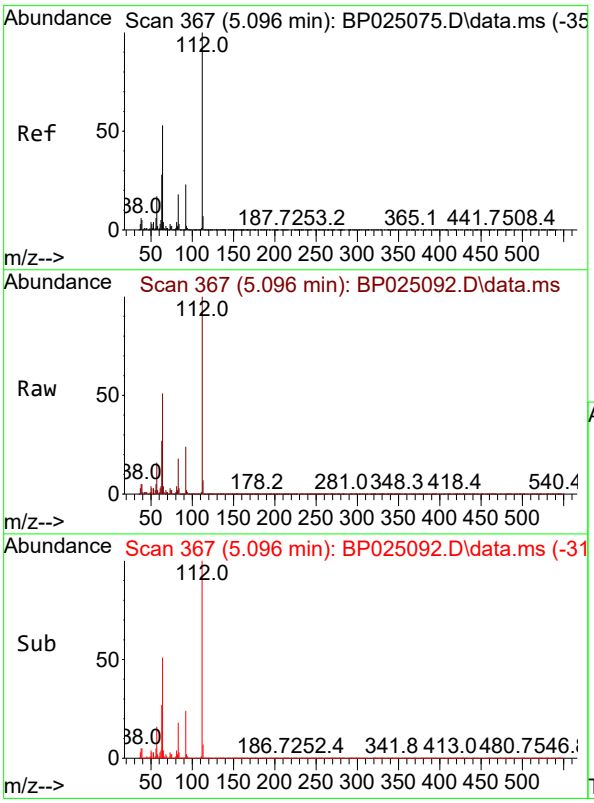
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion:152 Resp: 463514

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.1	189.1
115	55.1	44.3	66.5

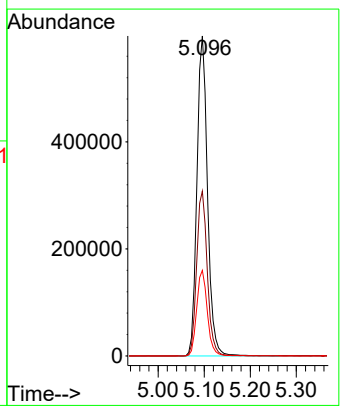


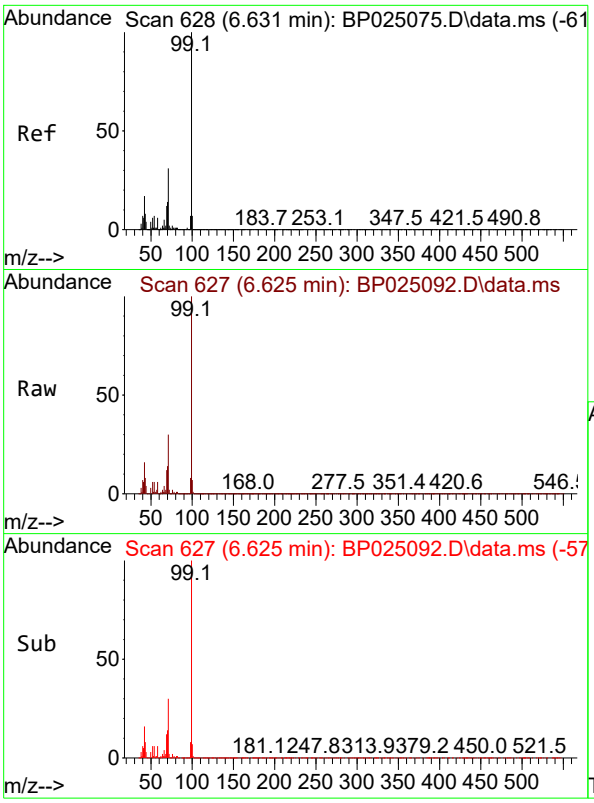


#5
2-Fluorophenol
Concen: 36.464 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:112 Resp: 953902

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.0	63.0
63	26.7	22.2	33.2



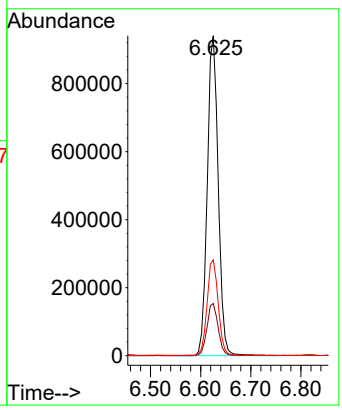


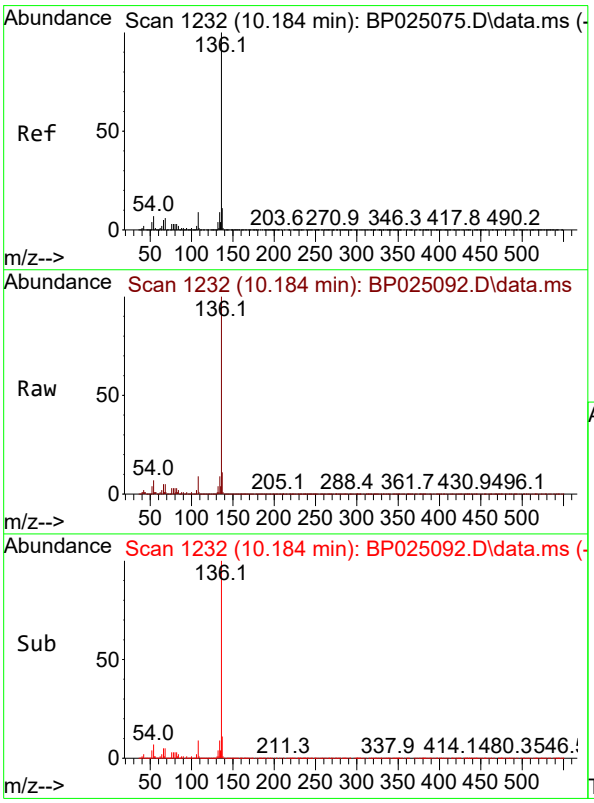
#7
Phenol-d6
Concen: 41.797 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion: 99 Resp: 1426863

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	30.0	24.4	36.6

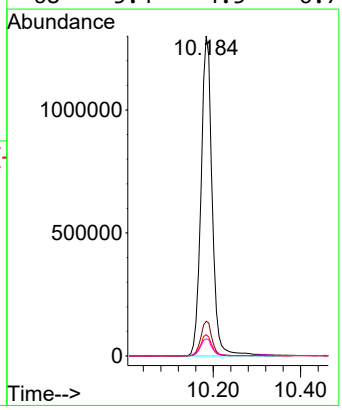


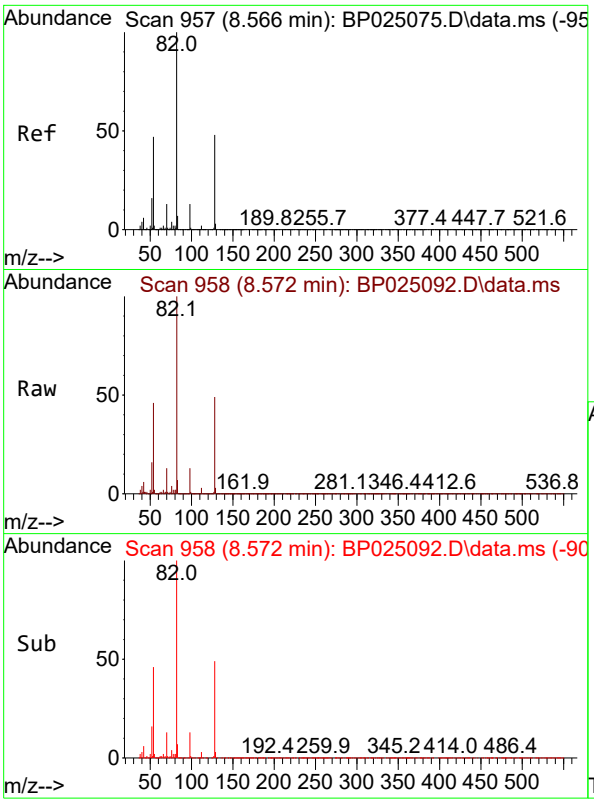


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:136 Resp: 2312706

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.7	5.4	8.2
68	5.4	4.5	6.7



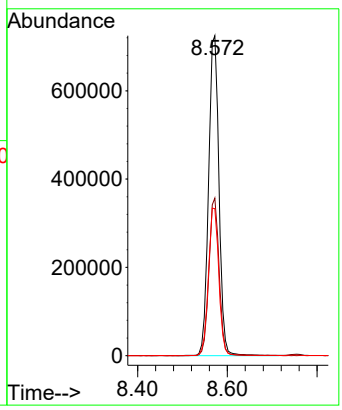


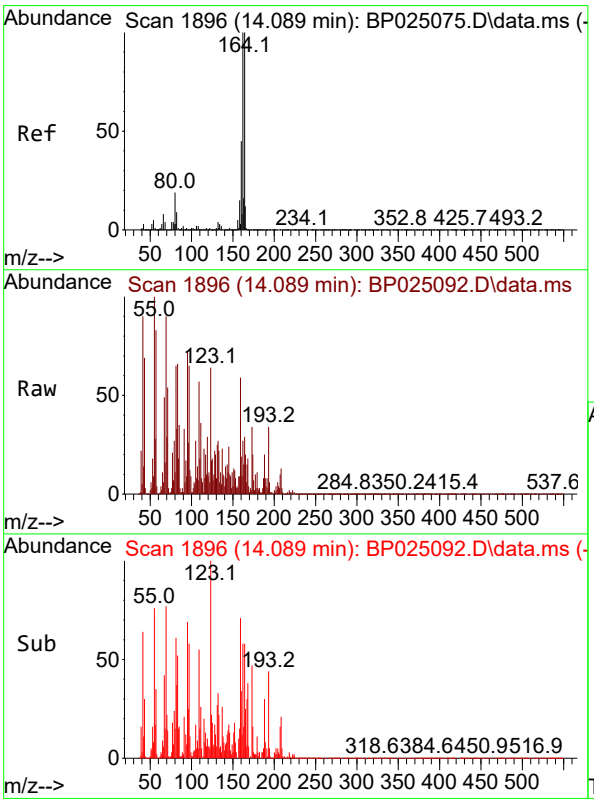
#23
Nitrobenzene-d5
Concen: 33.442 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion: 82 Resp: 1162941

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.4	57.6
54	45.9	37.8	56.6

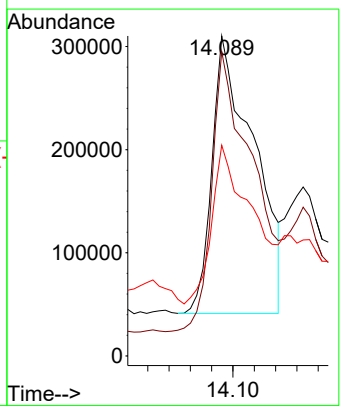


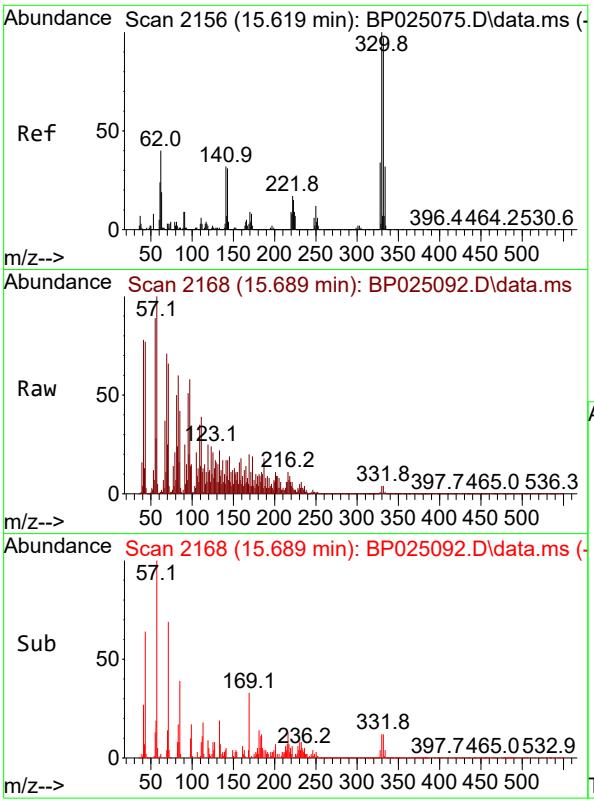


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:164 Resp: 734110

Ion	Ratio	Lower	Upper
164	100		
162	95.1	80.3	120.5
160	65.8	35.9	53.9#



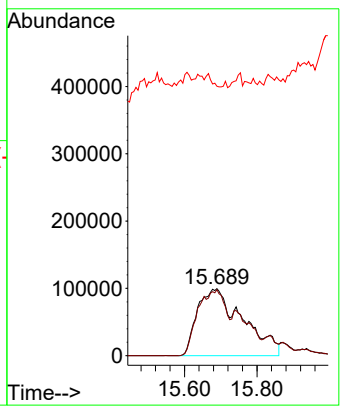


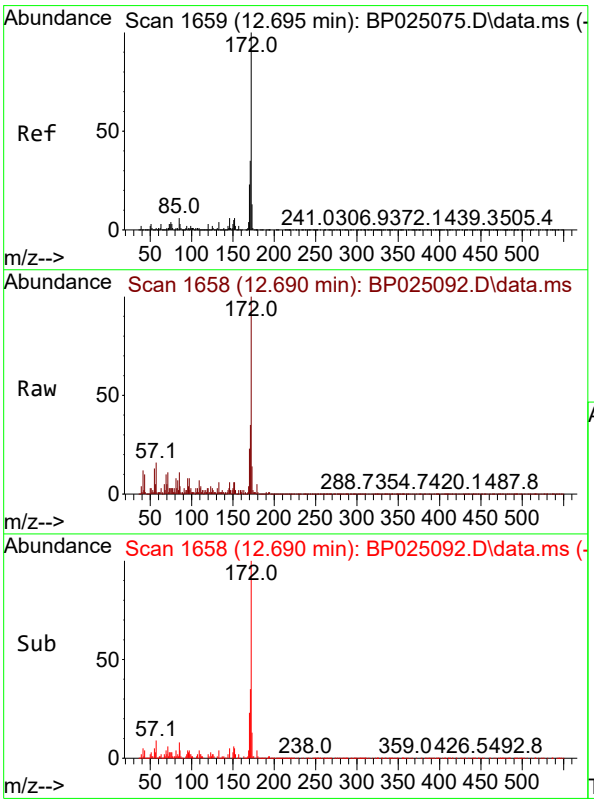
#42
2,4,6-Tribromophenol
Concen: 100.266 ng m
RT: 15.689 min Scan# 2
Delta R.T. 0.071 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion:330 Resp: 869539

Ion	Ratio	Lower	Upper
330	100		
332	60.1	77.7	116.5#
141	0.0	26.0	39.0#

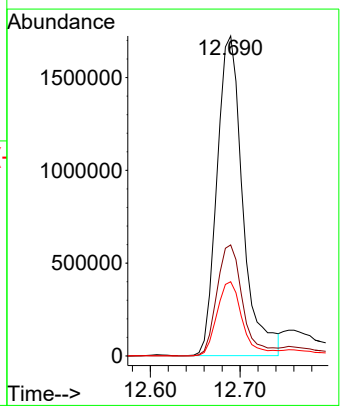


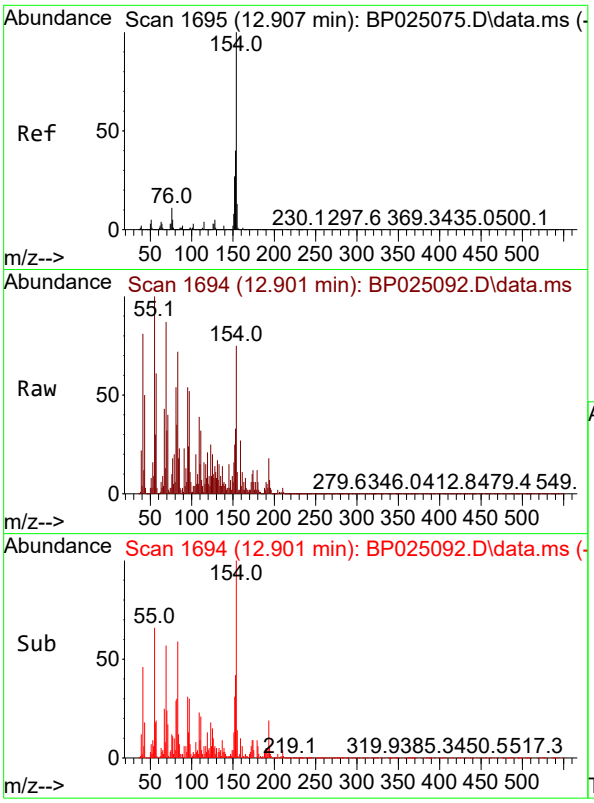


#45
2-Fluorobiphenyl
Concen: 72.661 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:172 Resp: 3443219

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.2	18.7	28.1



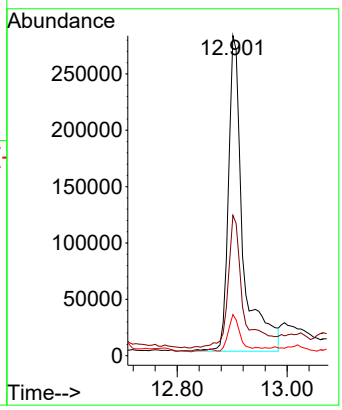


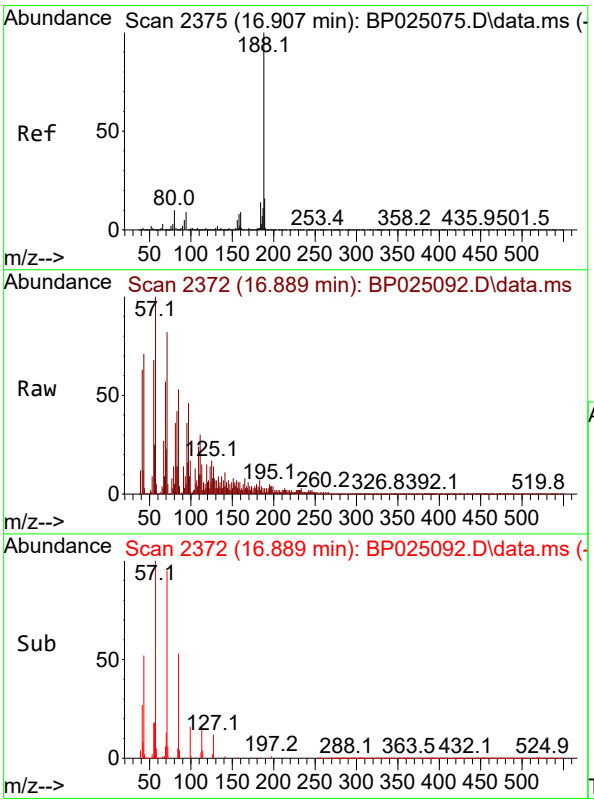
#46
1,1'-Biphenyl
Concen: 9.694 ng
RT: 12.901 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion:154 Resp: 517799

Ion	Ratio	Lower	Upper
154	100		
153	43.9	20.2	60.2
76	12.8	0.0	31.5

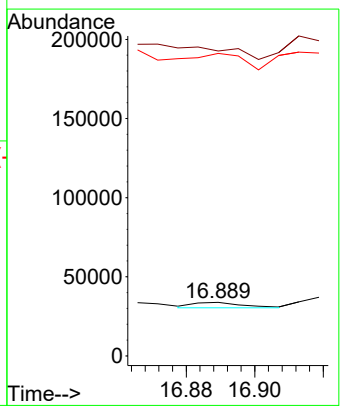


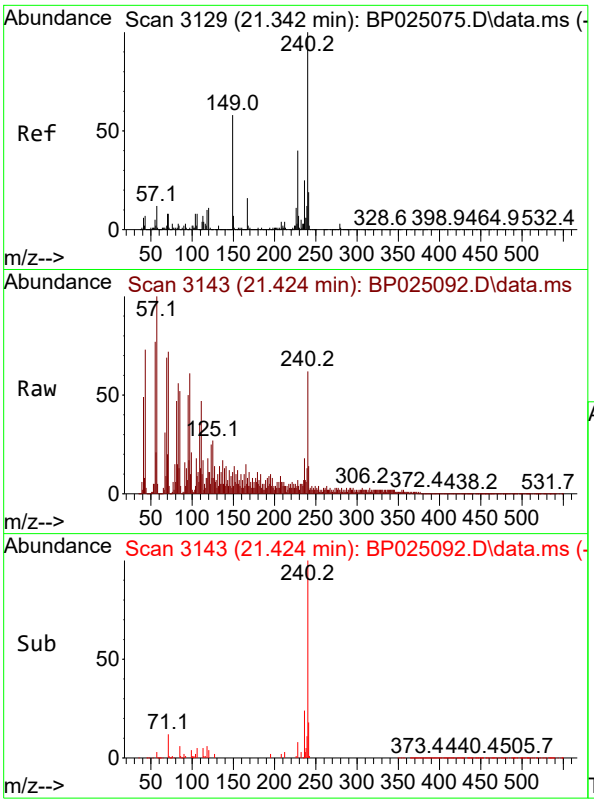


#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 16.889 min Scan# 2372
Delta R.T. -0.018 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:188 Resp: 3455

Ion	Ratio	Lower	Upper
188	100		
94	569.2	7.3	10.9#
80	564.7	7.8	11.6#



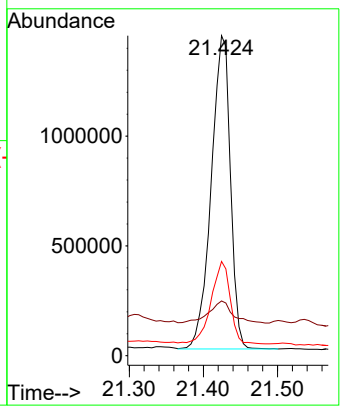


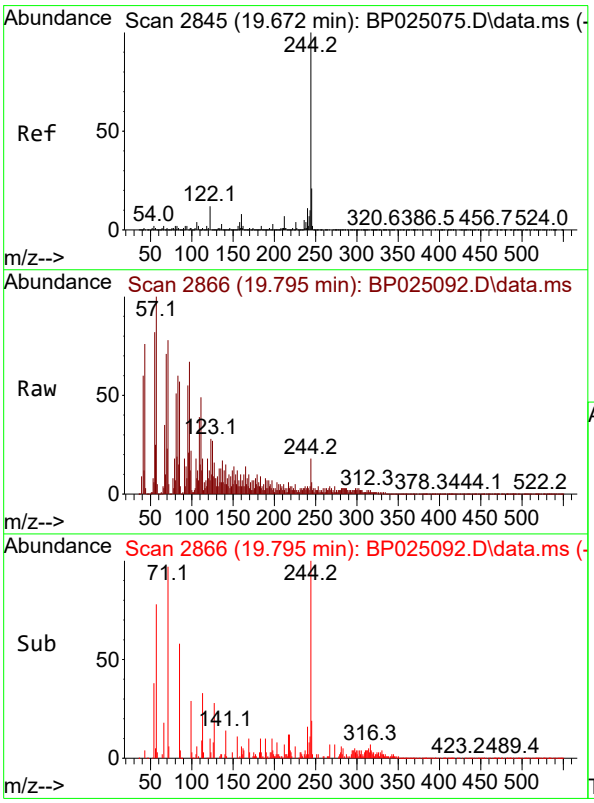
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.424 min Scan# 3
Delta R.T. 0.082 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion:240 Resp: 2566090

Ion	Ratio	Lower	Upper
240	100		
120	17.1	9.0	13.4#
236	29.4	20.3	30.5

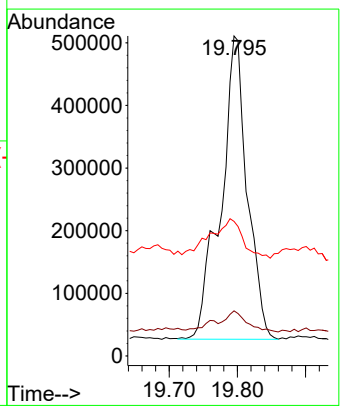


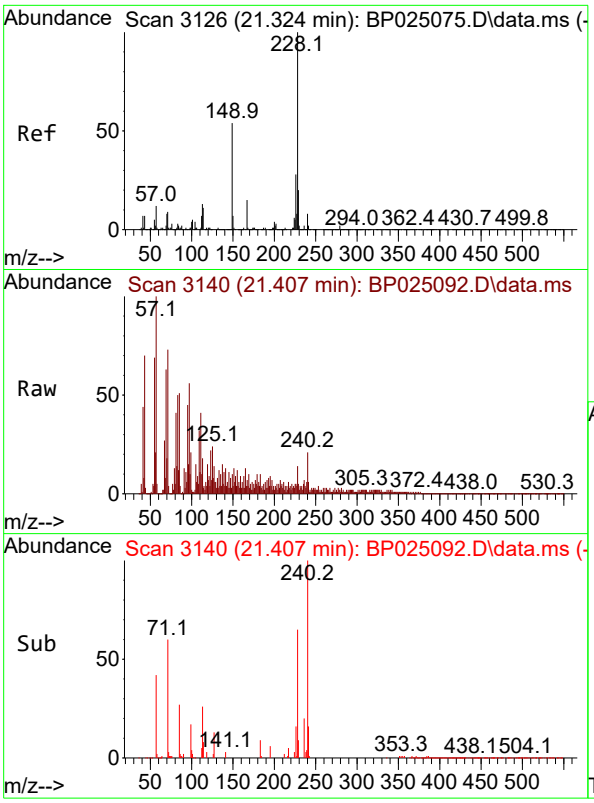


#79
Terphenyl-d14
Concen: 11.182 ng
RT: 19.795 min Scan# 2866
Delta R.T. 0.124 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:244 Resp: 1305538

Ion	Ratio	Lower	Upper
244	100		
212	14.1	5.9	8.9#
122	42.0	9.4	14.2#



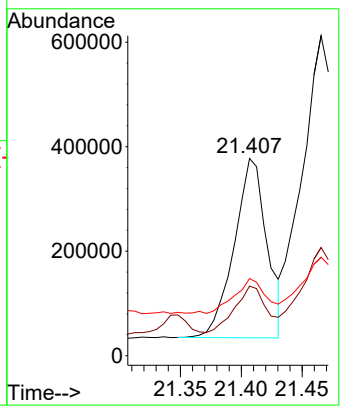


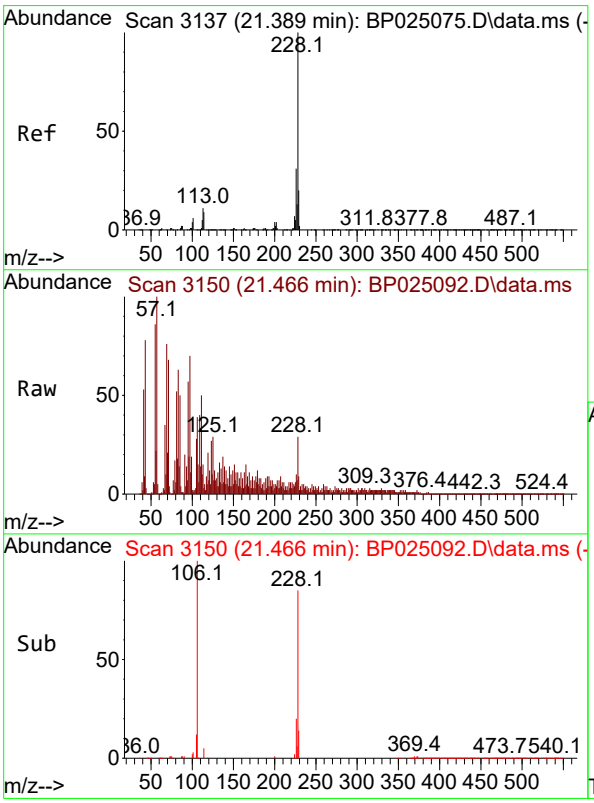
#81
Benzo(a)anthracene
Concen: 4.141 ng
RT: 21.407 min Scan# 31
Delta R.T. 0.082 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion:228 Resp: 643887

Ion	Ratio	Lower	Upper
228	100		
226	35.3	22.1	33.1#
229	39.1	16.0	24.0#

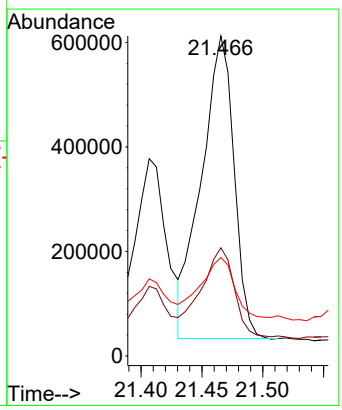


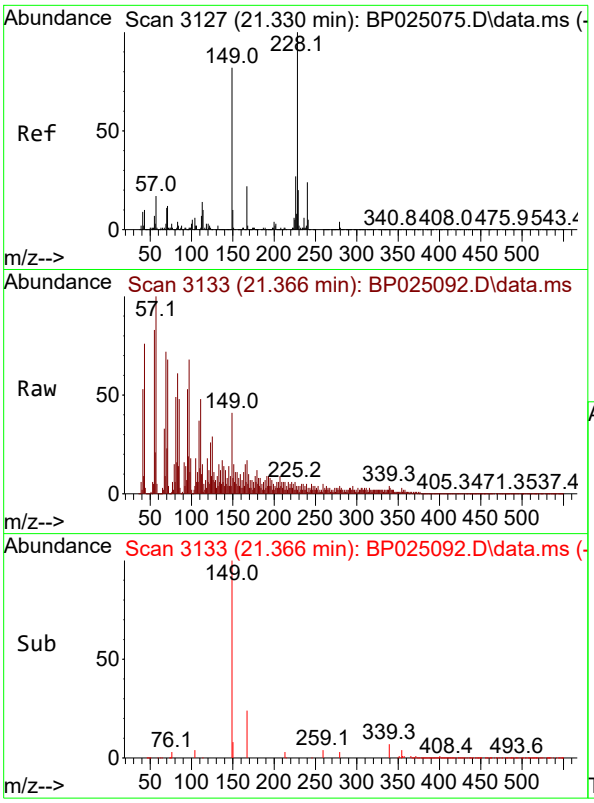


#83
Chrysene
Concen: 7.225 ng
RT: 21.466 min Scan# 3150
Delta R.T. 0.076 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:228 Resp: 1081274

Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.4	36.6
229	30.7	16.0	24.0#



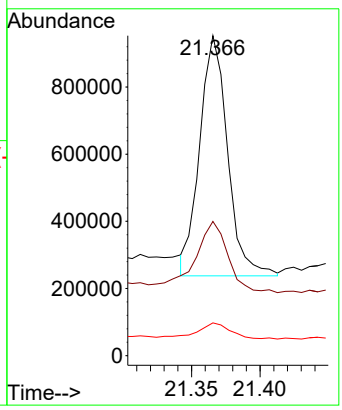


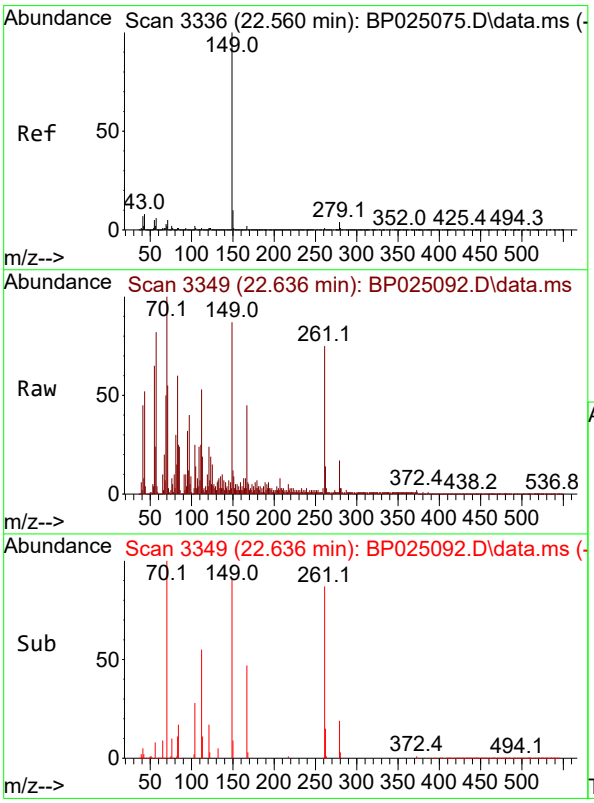
#84
Bis(2-ethylhexyl)phthalate
Concen: 12.131 ng m
RT: 21.366 min Scan# 3
Delta R.T. 0.035 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion:149 Resp: 1011880

Ion	Ratio	Lower	Upper
149	100		
167	41.9	21.9	32.9#
279	10.3	3.5	5.3#

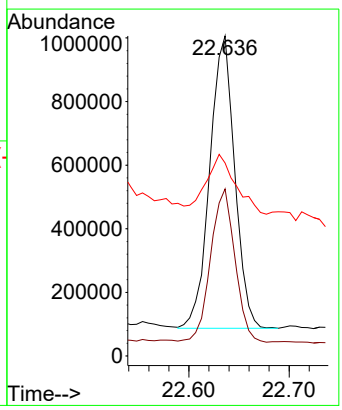


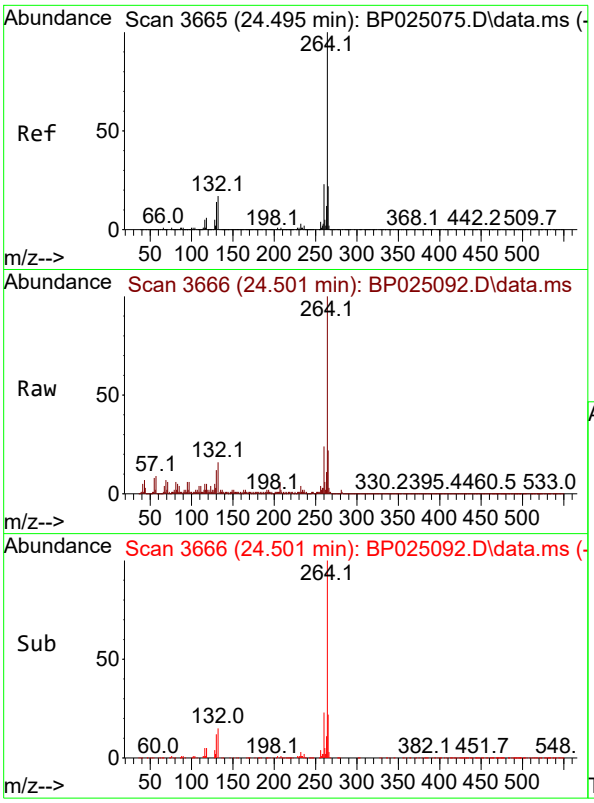


#85
Di-n-octyl phthalate
Concen: 15.147 ng
RT: 22.636 min Scan# 3349
Delta R.T. 0.076 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:149 Resp: 1585300

Ion	Ratio	Lower	Upper
149	100		
167	50.8	1.3	1.9#
43	23.8	6.9	10.3#



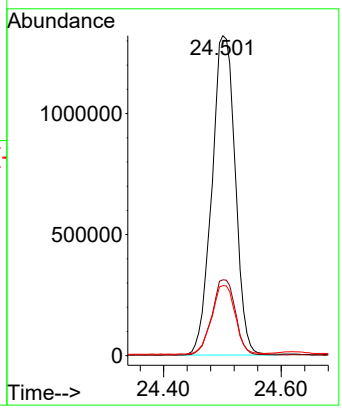


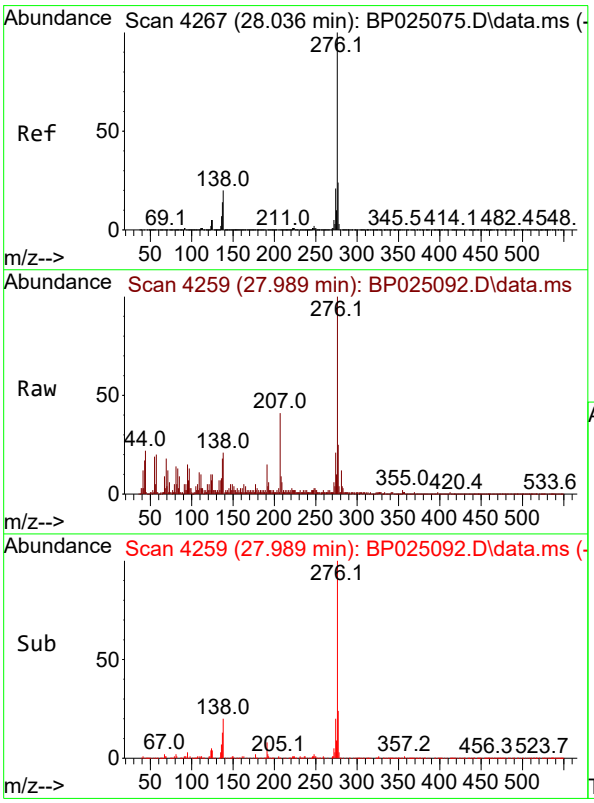
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion:264 Resp: 3643874

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.9	17.7	26.5

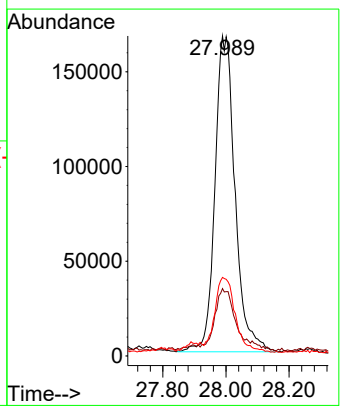


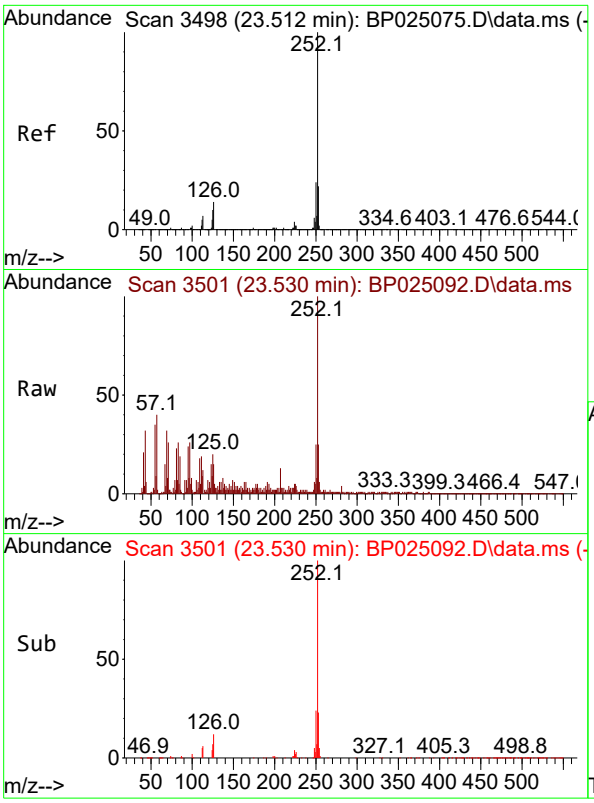


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.182 ng
RT: 27.989 min Scan# 4259
Delta R.T. -0.047 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:276 Resp: 738565

Ion	Ratio	Lower	Upper
276	100		
138	21.0	13.0	19.6#
277	24.0	15.9	23.9#



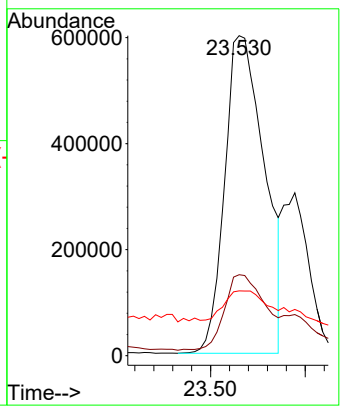


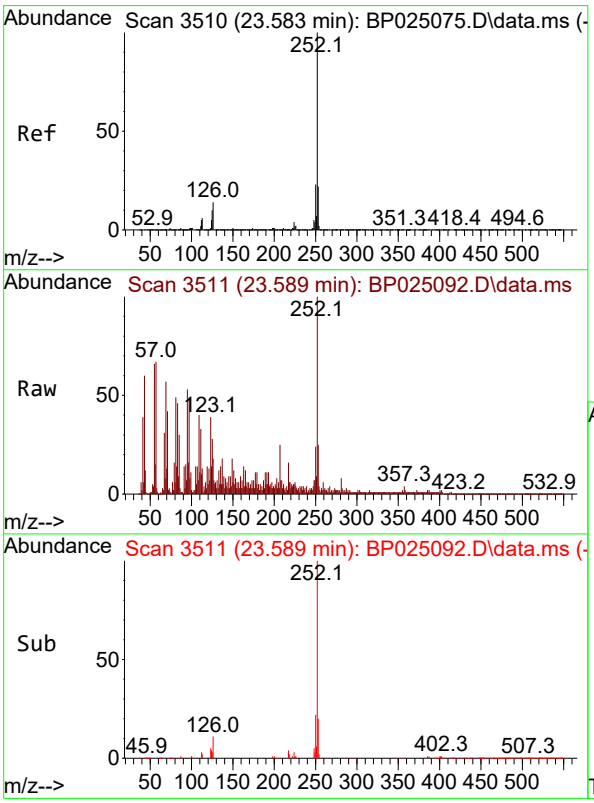
#88
Benzo(b)fluoranthene
Concen: 8.243 ng
RT: 23.530 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion:252 Resp: 1748233

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	20.3	8.1	12.1#

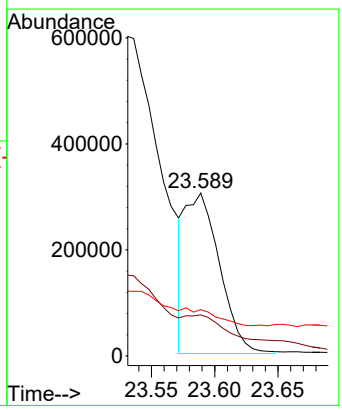


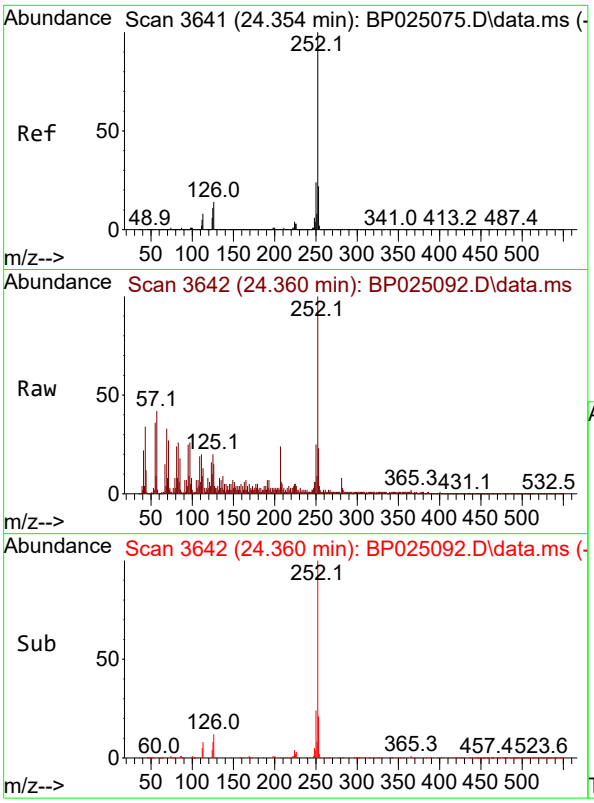


#89
Benzo(k)fluoranthene
Concen: 2.723 ng m
RT: 23.589 min Scan# 3511
Delta R.T. 0.006 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:252 Resp: 574644

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	28.4	8.2	12.2#



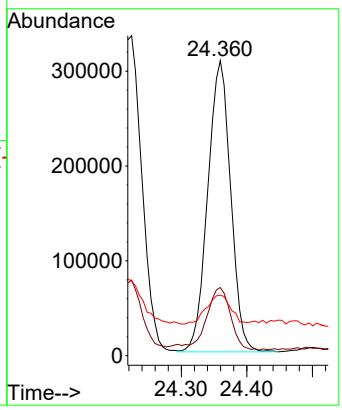


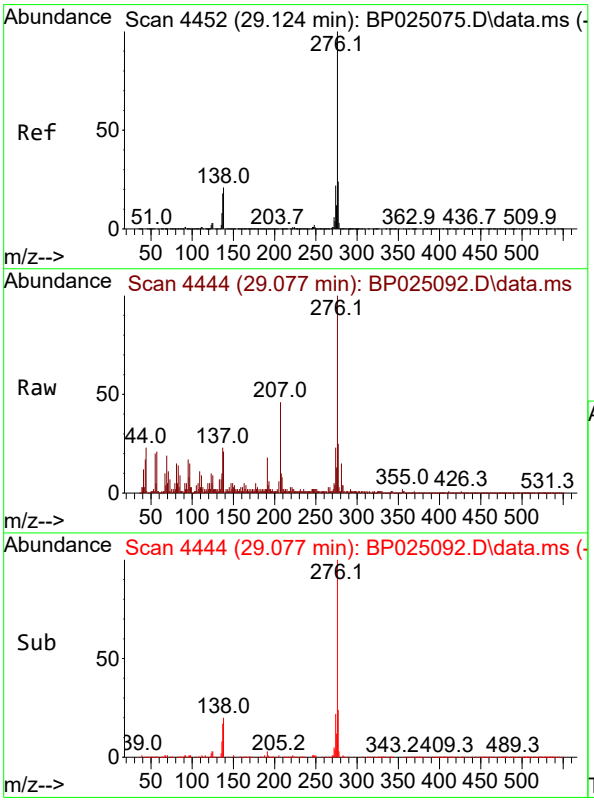
#90
Benzo(a)pyrene
Concen: 4.129 ng
RT: 24.360 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Instrument :
BNA_P
ClientSampleId :
MOO-25-0190

Tgt Ion:252 Resp: 745392

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	20.5	9.0	13.4#





#92
Benzo(g,h,i)perylene
Concen: 3.469 ng
RT: 29.077 min Scan# 4444
Delta R.T. -0.047 min
Lab File: BP025092.D
Acq: 10 Jul 2025 21:08

Tgt Ion:276 Resp: 687553

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.3	28.9
138	21.5	16.9	25.3