Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025904.D
Acq On : 01 Oct 2025 17:11
Operator : CG/JU
Sample : Q3253-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Quant Time: Oct 01 17:32:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.743	152	211949	20.000	ng		-0.02
21) Naphthalene-d8	10.508	136	820877	20.000	ng		-0.02
39) Acenaphthene-d10	14.360	164	495986	20.000	ng		-0.02
64) Phenanthrene-d10	17.166	188	837300	20.000	ng		#-0.02
76) Chrysene-d12	21.601	240	927143	20.000	ng		-0.04
86) Perylene-d12	24.954	264	1046268	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1122408	85.448	ng		0.02
7) Phenol-d6	6.972	99	1481606	84.859	ng		0.02
23) Nitrobenzene-d5	8.884	82	908810	48.836	ng		-0.02
42) 2,4,6-Tribromophenol	15.884	330	517164	83.596	ng		-0.02
45) 2-Fluorobiphenyl	12.966	172	1979425	53.139	ng		-0.02
79) Terphenyl-d14	19.883	244	2654289	51.503	ng		-0.03
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.626	42	36838	5.143	ng	#	1
52) Acenaphthene	14.425	154	54820	2.001	ng		100
54) 2,4-Dinitrophenol	14.466	184	196	4.860	ng	#	1
56) 4-Nitrophenol	14.584	139	1309	4.652	ng	#	1
58) Fluorene	15.431	166	73358	2.067	ng	#	91
63) Azobenzene	15.748	77	114420	3.081	ng	#	1
71) Phenanthrene	17.207	178	842319	17.734	ng		97
72) Anthracene	17.207	178	842319	17.479	ng		97
73) Carbazole	17.589	167	127293	2.841	ng	#	58
75) Fluoranthene	19.295	202	1205681	21.166	ng		97
78) Pyrene	19.672	202	1022417	16.527	ng		97
81) Benzo(a)anthracene	21.578	228	560664	8.833	ng		98
83) Chrysene	21.648	228	476987	7.883	ng		96
84) Bis(2-ethylhexyl)phtha...	21.507	149	2814486	70.921	ng		99
87) Indeno(1,2,3-cd)pyrene	28.765	276	210356	2.765	ng	#	82
88) Benzo(b)fluoranthene	23.901	252	569267	8.897	ng	#	97
89) Benzo(k)fluoranthene	23.901	252	569267	8.719	ng	#	98
90) Benzo(a)pyrene	24.789	252	388123	6.194	ng		98
92) Benzo(g,h,i)perylene	29.942	276	197492	3.225	ng	#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025904.D
Acq On : 01 Oct 2025 17:11
Operator : CG/JU
Sample : Q3253-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Quant Time: Oct 01 17:32:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
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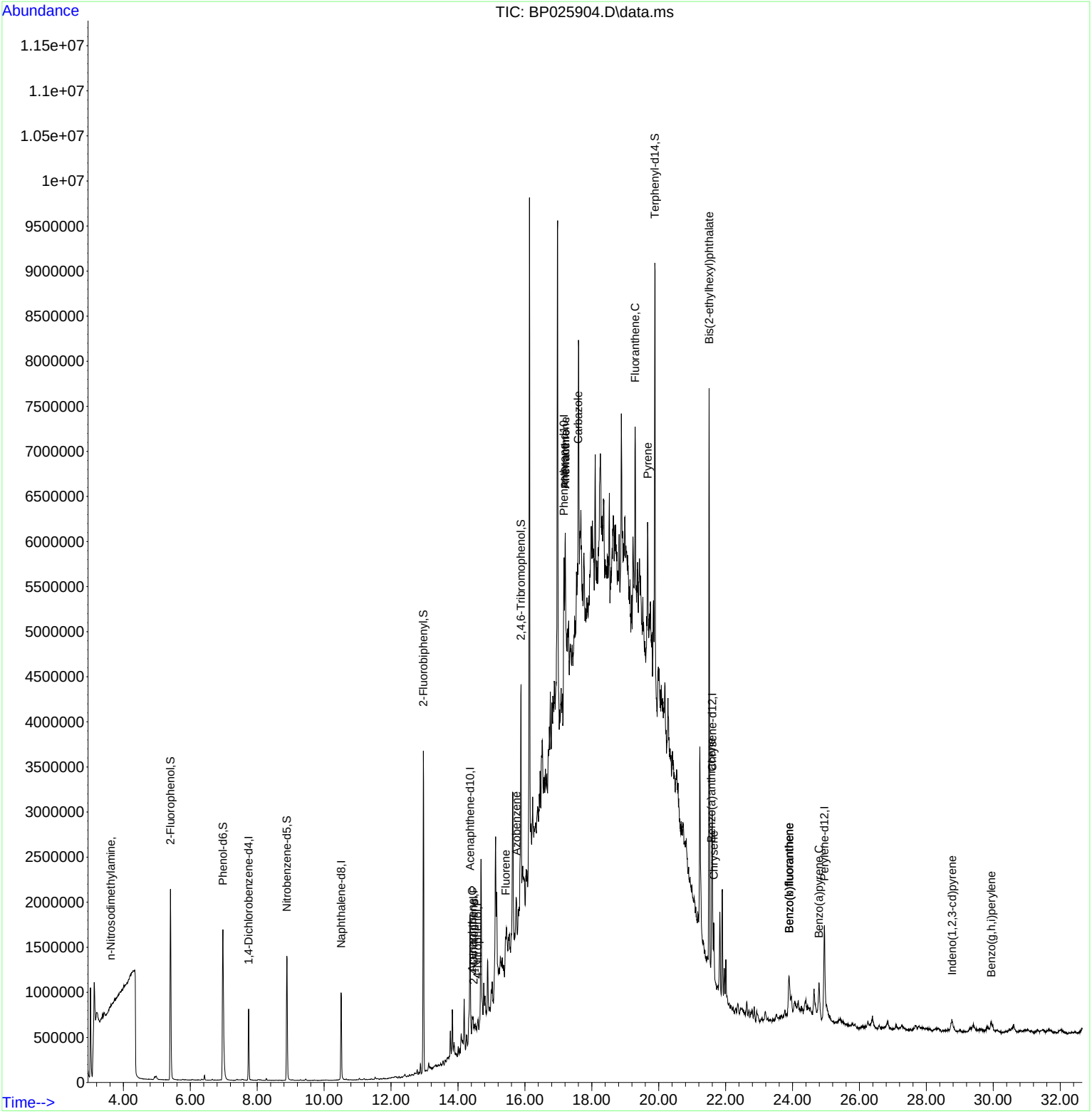
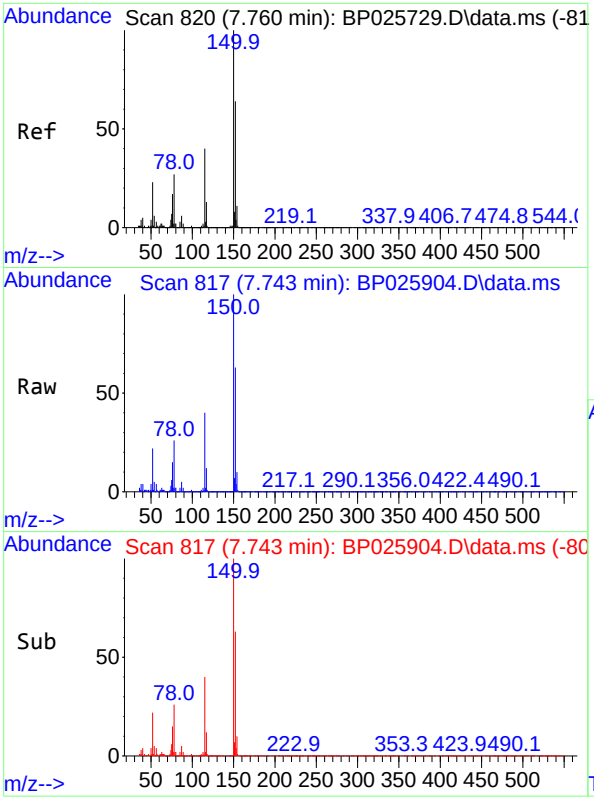


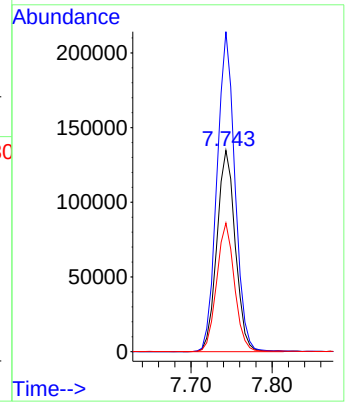


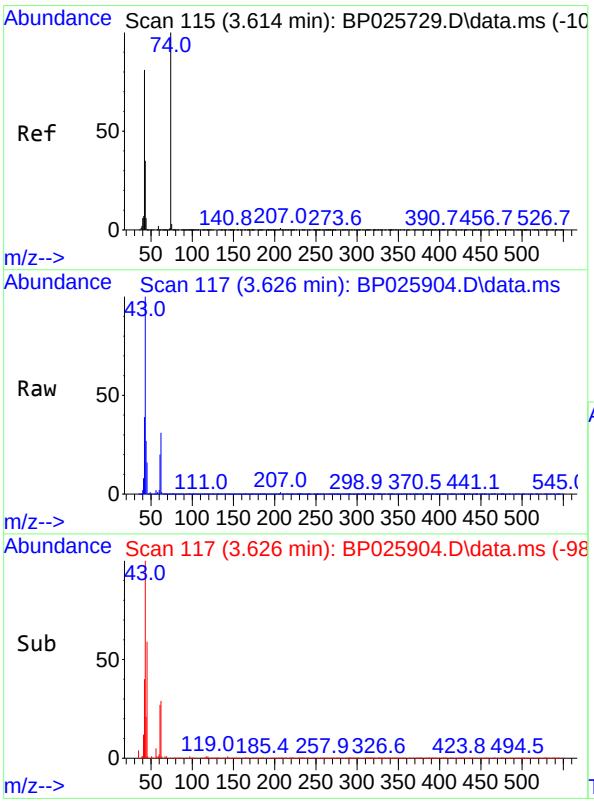
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:152 Resp: 211949

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.3	186.5
115	63.9	50.3	75.5

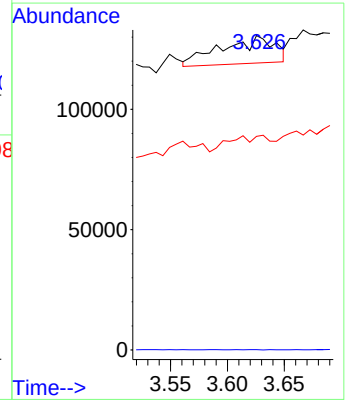


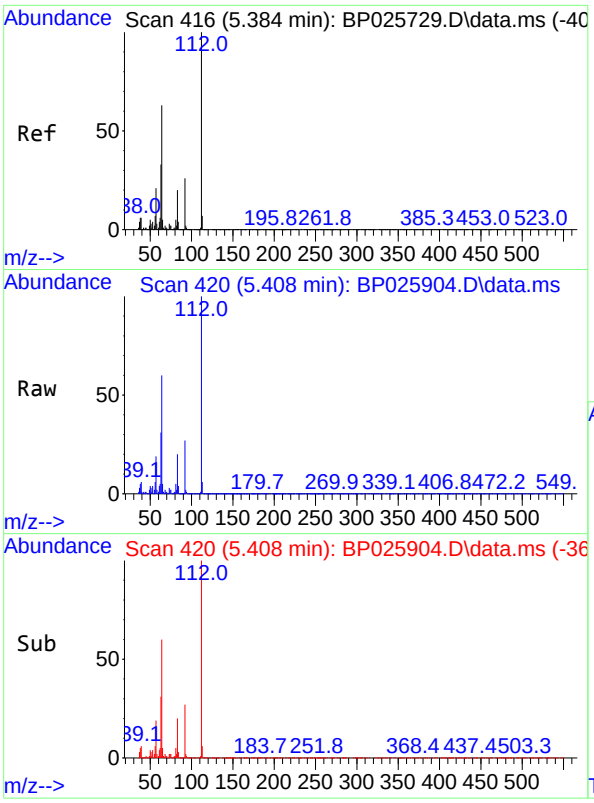


#4
n-Nitrosodimethylamine
Concen: 5.143 ng
RT: 3.626 min Scan# 117
Delta R.T. 0.012 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion: 42 Resp: 36838

Ion	Ratio	Lower	Upper
42	100		
74	0.1	99.2	148.8#
44	68.0	6.4	9.6#



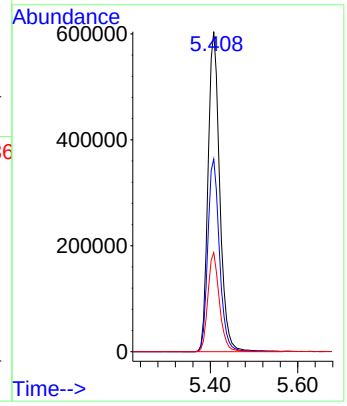


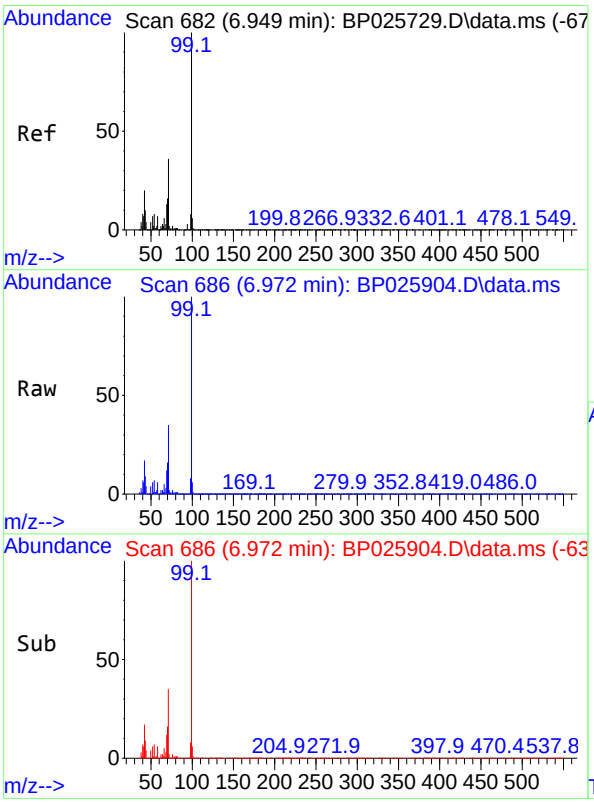
#5
2-Fluorophenol
Concen: 85.448 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.024 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:112 Resp: 1122408

Ion	Ratio	Lower	Upper
112	100		
64	60.2	50.2	75.4
63	30.9	26.7	40.1

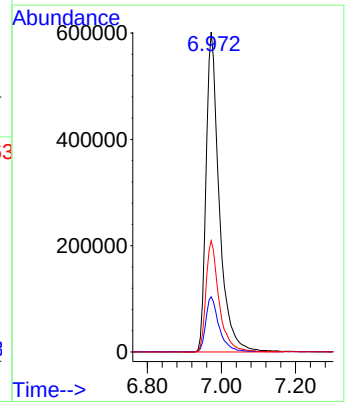


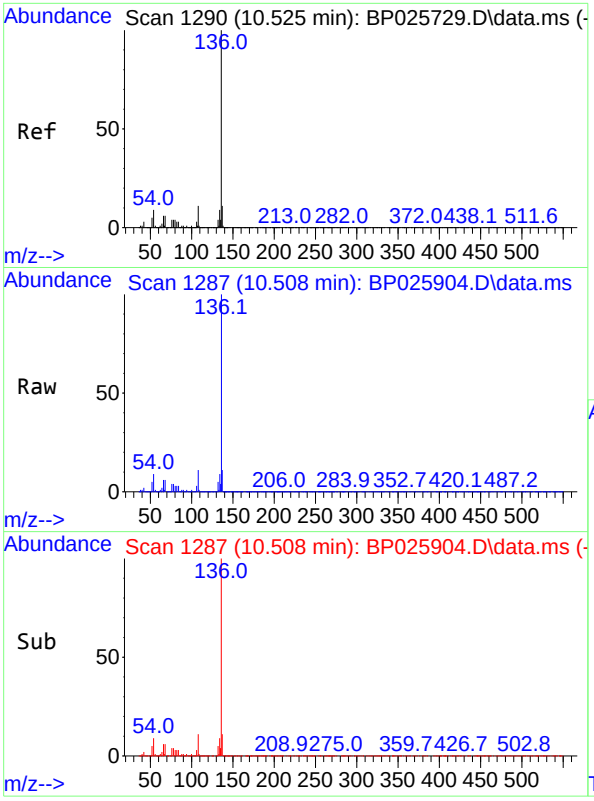


#7
Phenol-d6
Concen: 84.859 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.024 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion: 99 Resp: 1481606

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.6	23.4
71	34.8	28.6	43.0



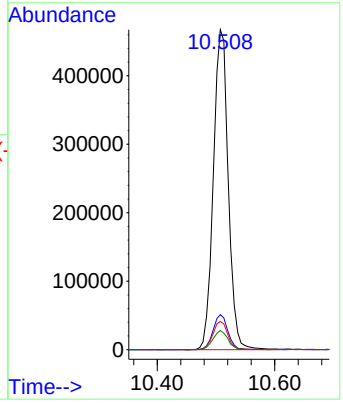


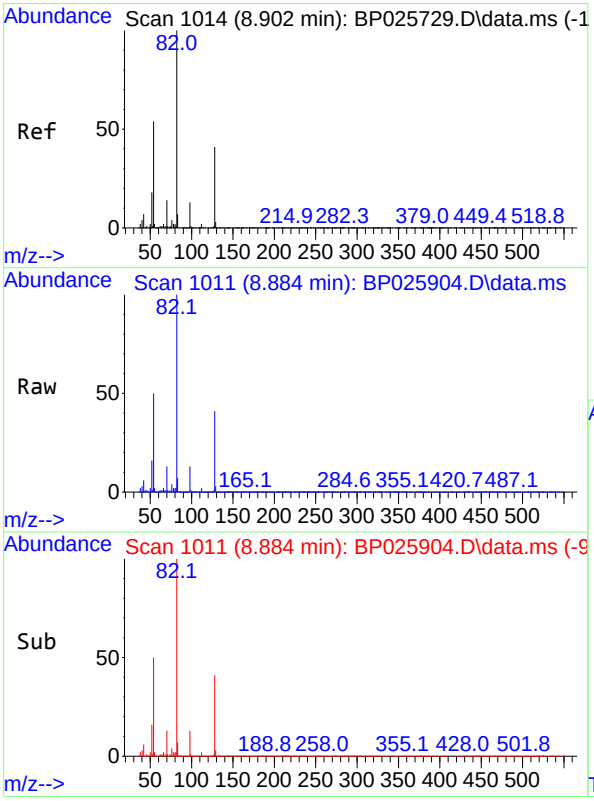
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.508 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:136 Resp: 820877

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.8	7.5	11.3
68	6.0	5.0	7.6

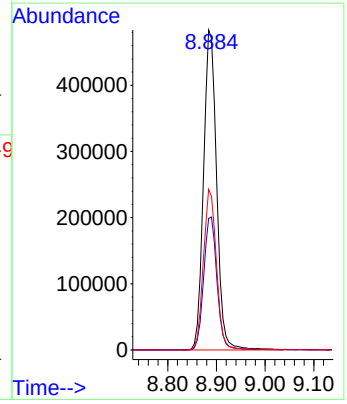


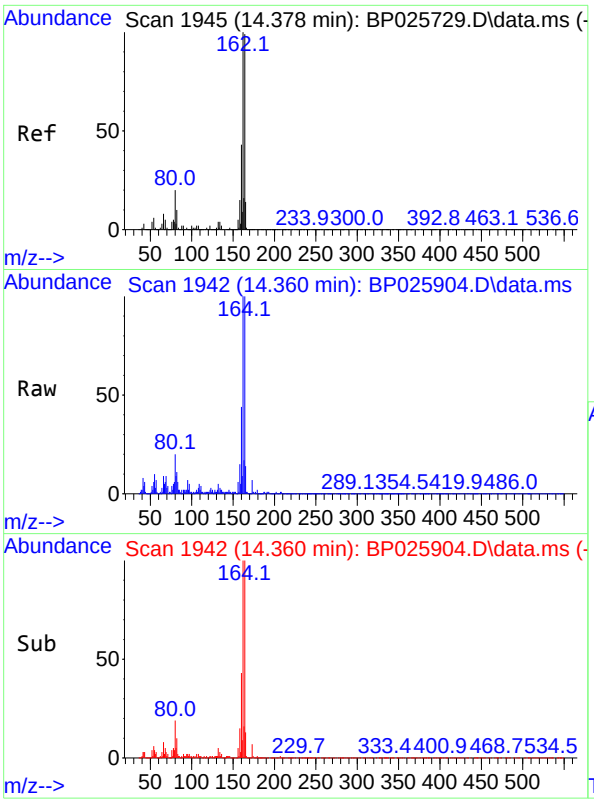


#23
Nitrobenzene-d5
Concen: 48.836 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion: 82 Resp: 908810

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.9	49.3
54	50.2	43.4	65.2



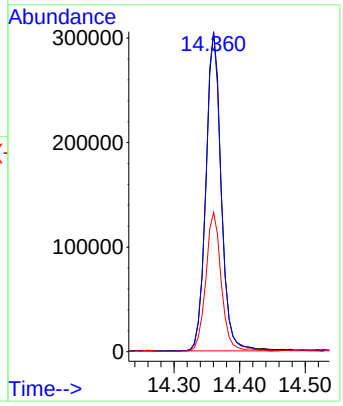


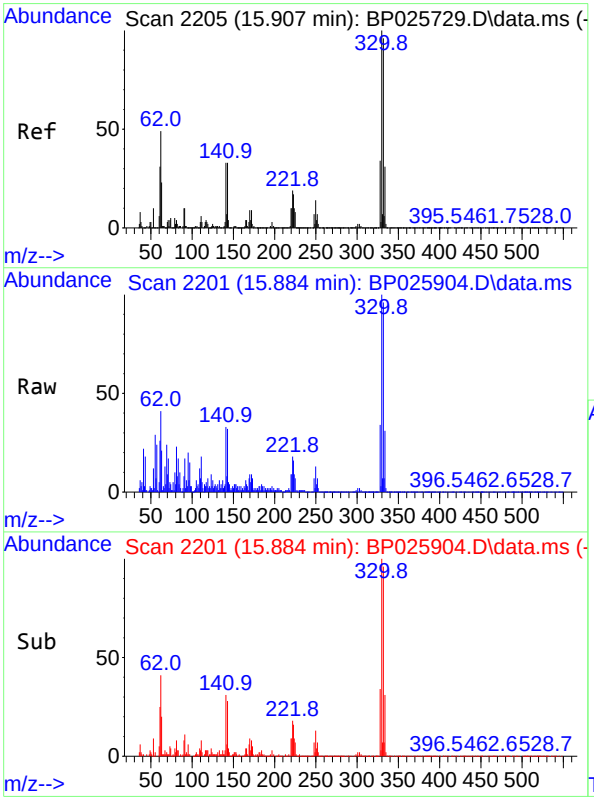
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.360 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:164 Resp: 495986

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	120.8
160	43.6	35.0	52.6

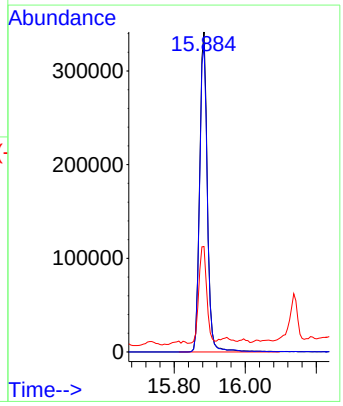


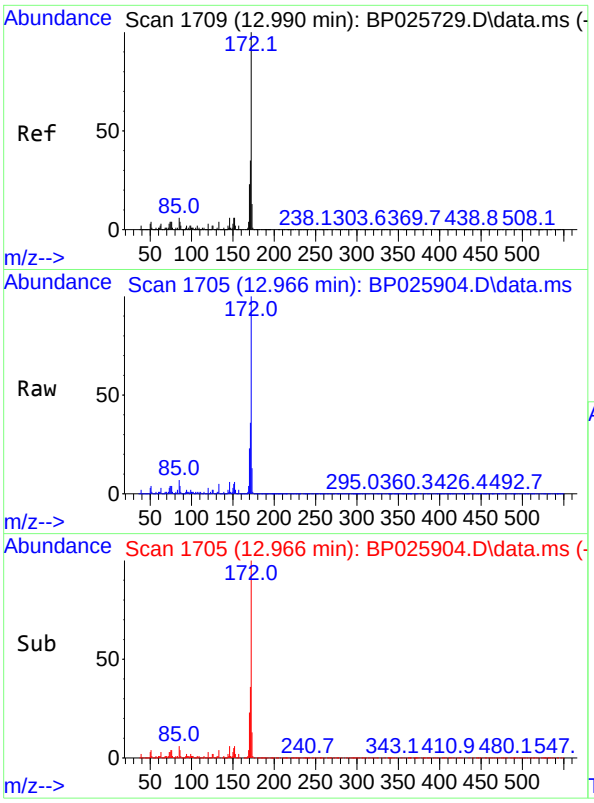


#42
2,4,6-Tribromophenol
Concen: 83.596 ng
RT: 15.884 min Scan# 2201
Delta R.T. -0.023 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:330 Resp: 517164

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	31.2	31.0	46.4



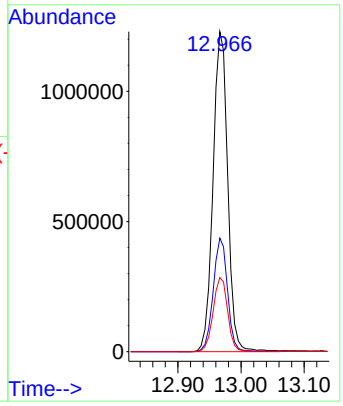


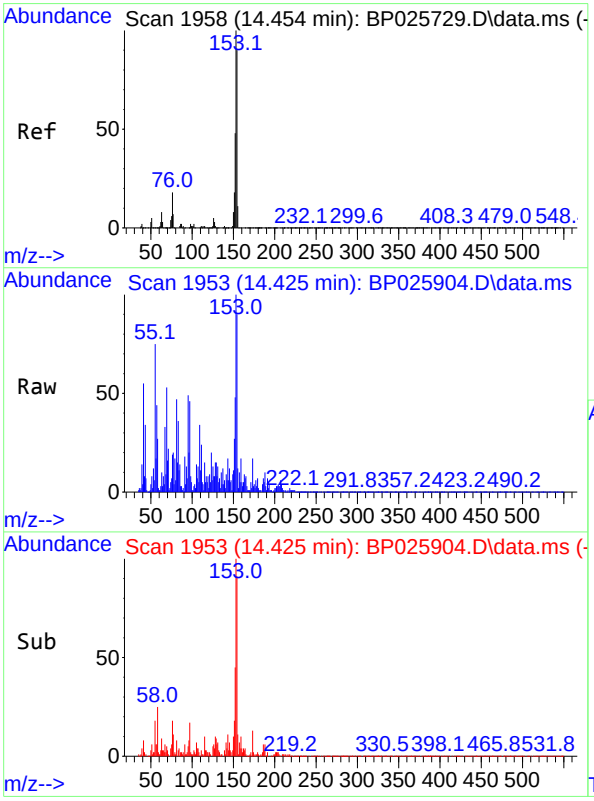
#45
2-Fluorobiphenyl
Concen: 53.139 ng
RT: 12.966 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:172 Resp: 1979425

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.1	18.6	27.8

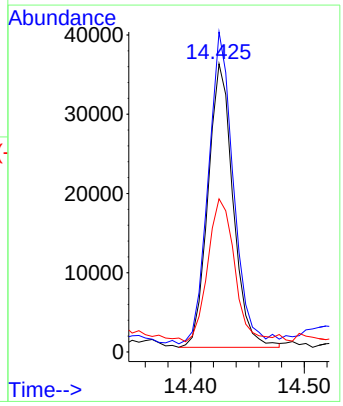


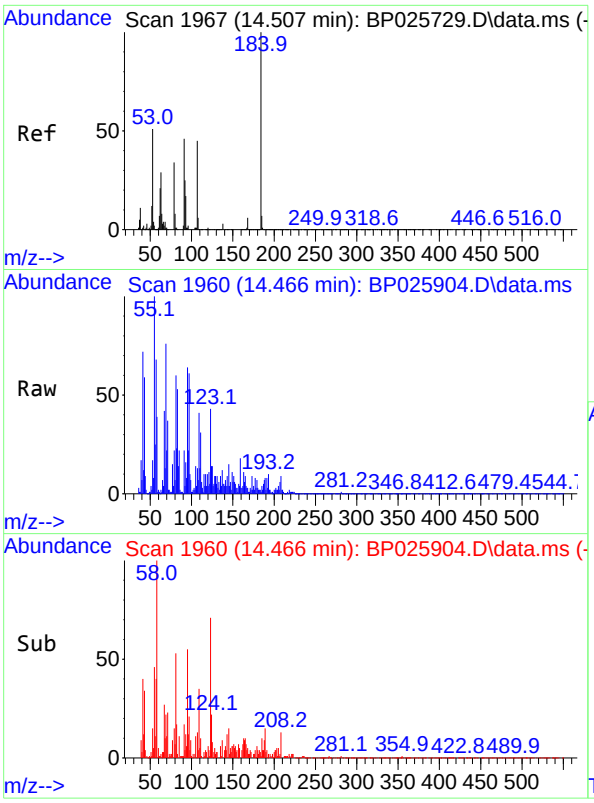


#52
Acenaphthene
Concen: 2.001 ng
RT: 14.425 min Scan# 1953
Delta R.T. -0.029 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:154 Resp: 54820

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.4	134.0
152	53.2	42.5	63.7



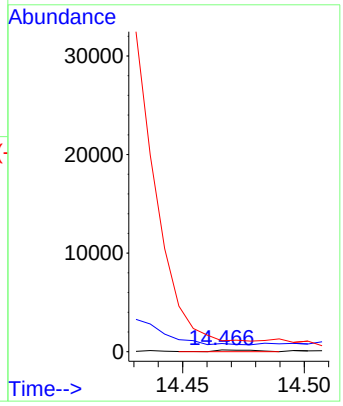


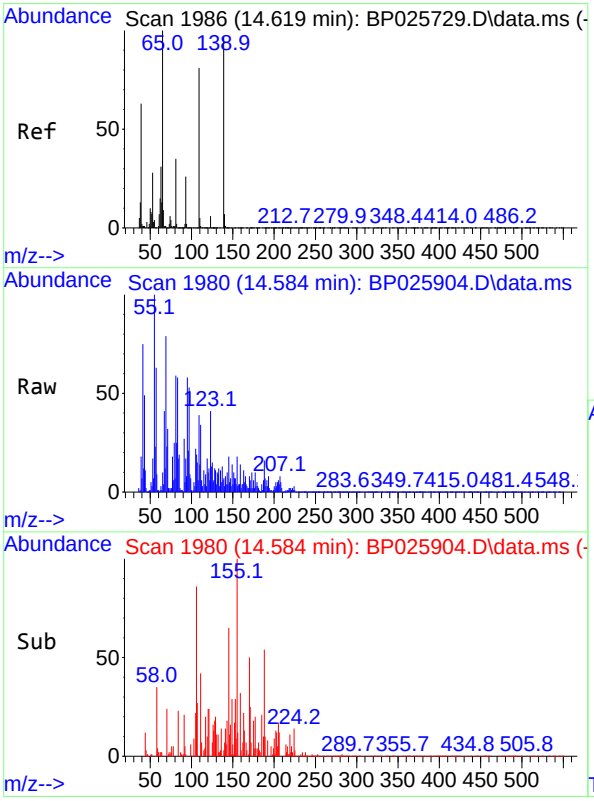
#54
2,4-Dinitrophenol
Concen: 4.860 ng
RT: 14.466 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:184 Resp: 196

Ion	Ratio	Lower	Upper
184	100		
63	471.0	52.5	78.7#
154	627.3	51.5	77.3#

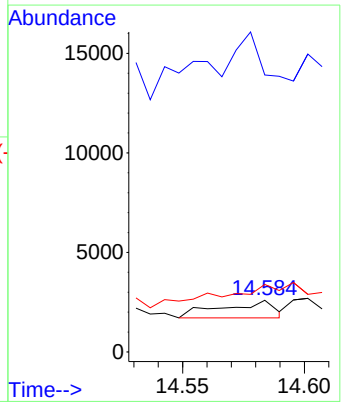


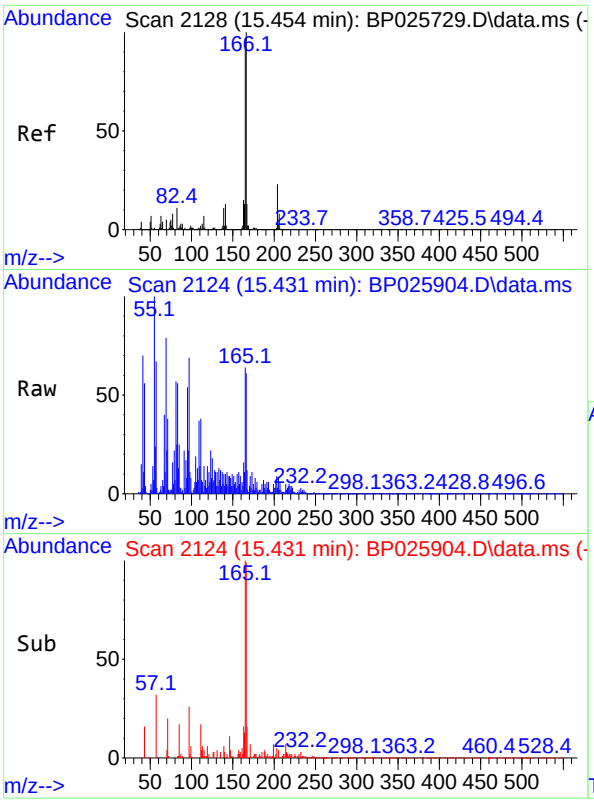


#56
4-Nitrophenol
Concen: 4.652 ng
RT: 14.584 min Scan# 1980
Delta R.T. -0.035 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:139 Resp: 1309

Ion	Ratio	Lower	Upper
139	100		
109	536.5	62.9	102.9#
65	130.8	83.4	123.4#



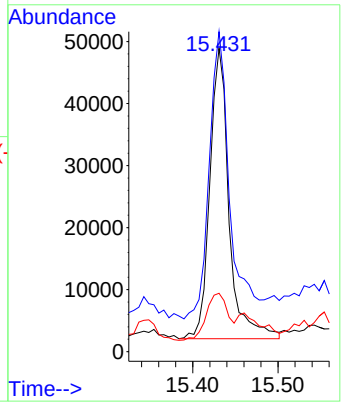


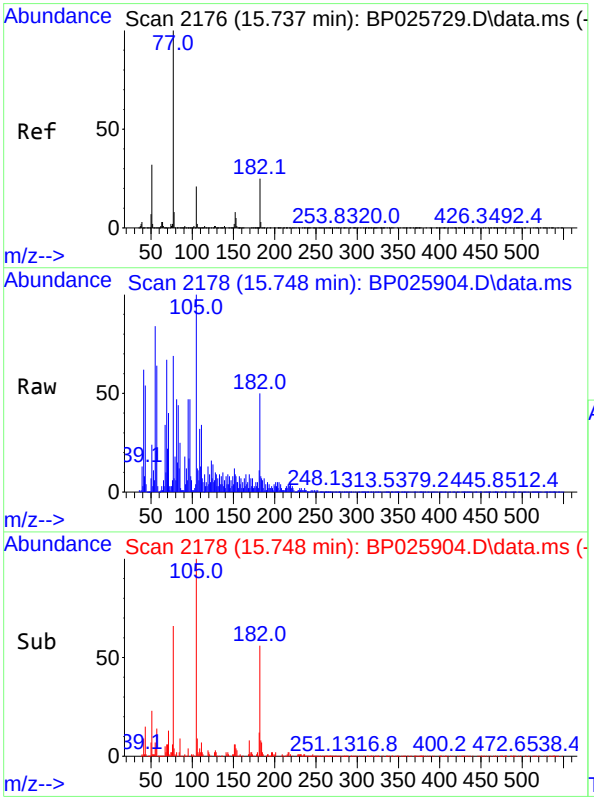
#58
Fluorene
Concen: 2.067 ng
RT: 15.431 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:166 Resp: 73358

Ion	Ratio	Lower	Upper
166	100		
165	105.5	77.7	116.5
167	19.3	10.6	16.0#

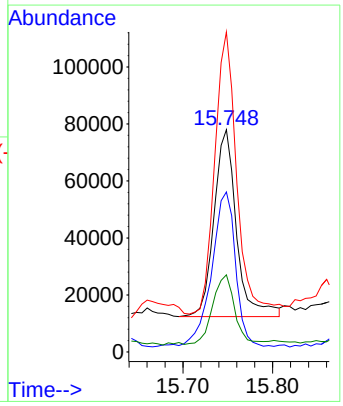


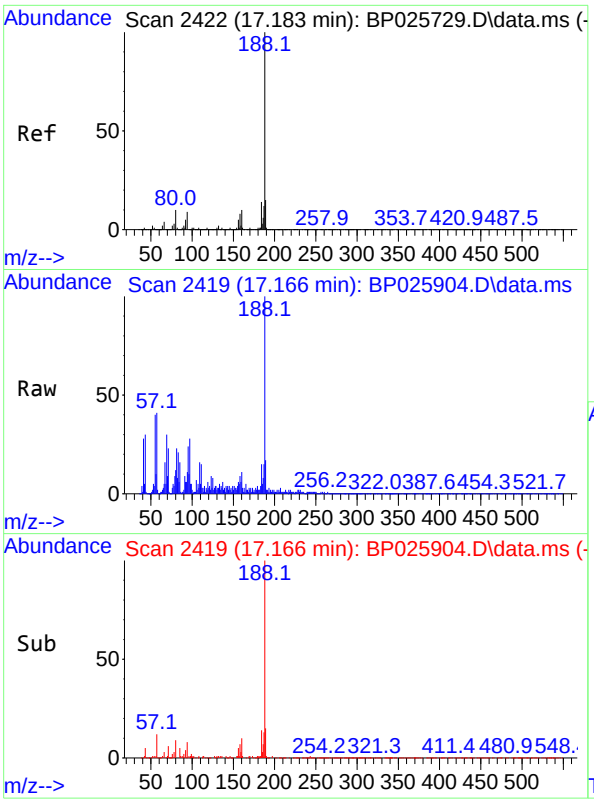


#63
Azobenzene
Concen: 3.081 ng
RT: 15.748 min Scan# 2178
Delta R.T. 0.012 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion: 77 Resp: 114420

Ion	Ratio	Lower	Upper
77	100		
182	72.0	5.2	45.2#
105	143.9	1.1	41.1#
51	34.7	11.6	51.6



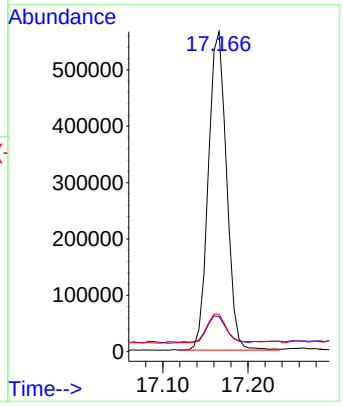


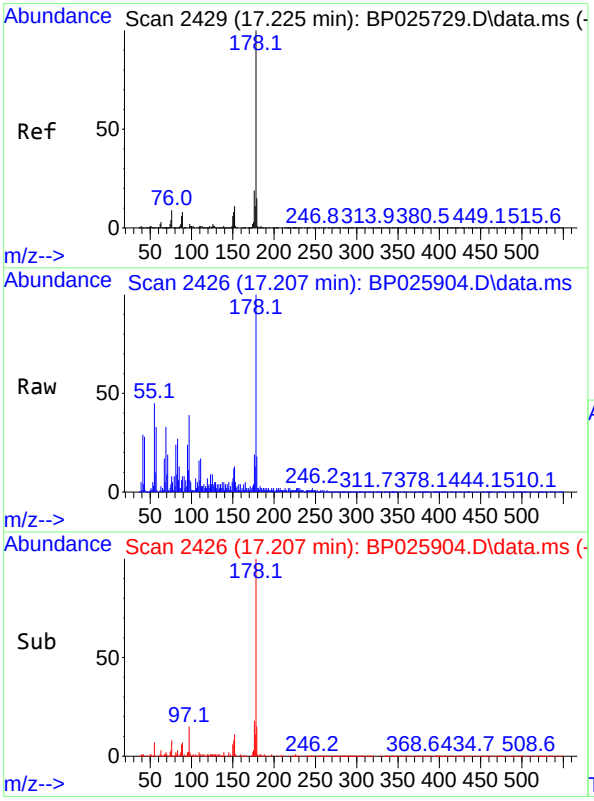
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:188 Resp: 837300

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.4	11.0
80	11.8	7.7	11.5#

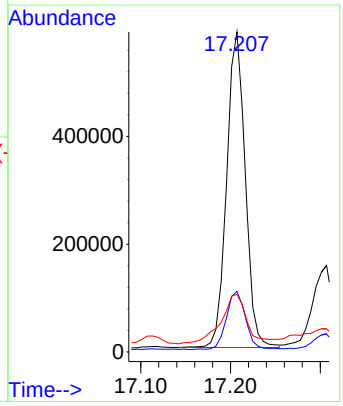


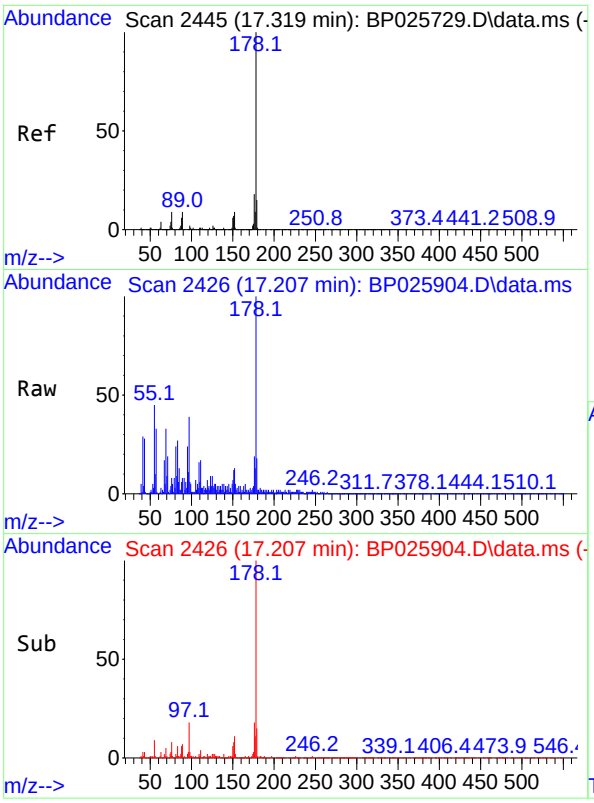


#71
Phenanthrene
Concen: 17.734 ng
RT: 17.207 min Scan# 2426
Delta R.T. -0.018 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:178 Resp: 842319

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	18.0	12.2	18.4



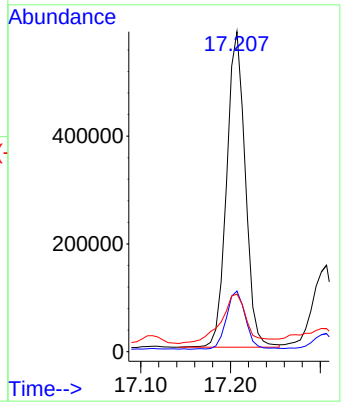


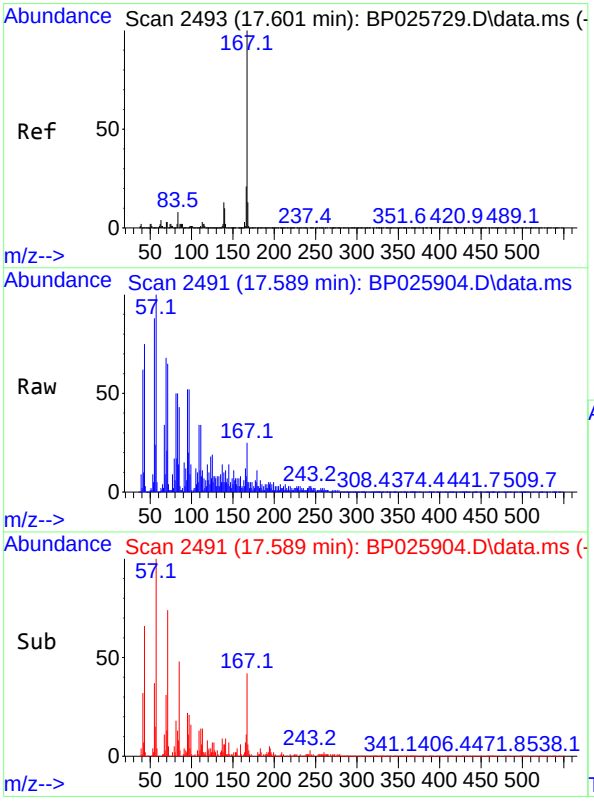
#72
Anthracene
Concen: 17.479 ng
RT: 17.207 min Scan# 24
Delta R.T. -0.112 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:178 Resp: 842319

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	18.0	12.2	18.4

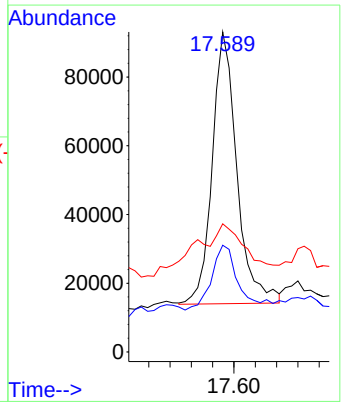


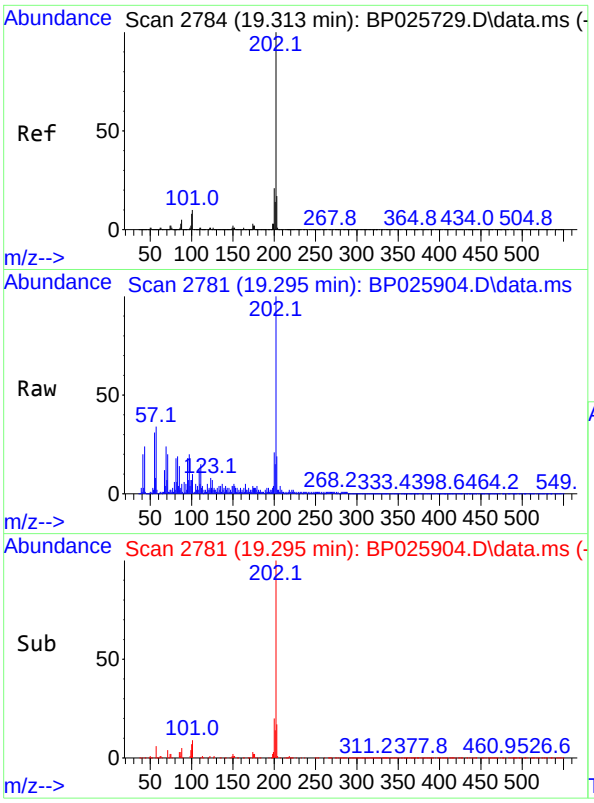


#73
Carbazole
Concen: 2.841 ng
RT: 17.589 min Scan# 2491
Delta R.T. -0.012 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:167 Resp: 127293

Ion	Ratio	Lower	Upper
167	100		
166	33.3	17.0	25.4#
139	40.1	10.6	16.0#



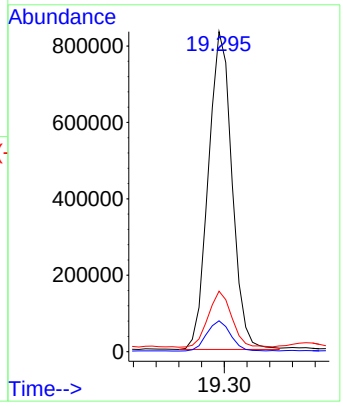


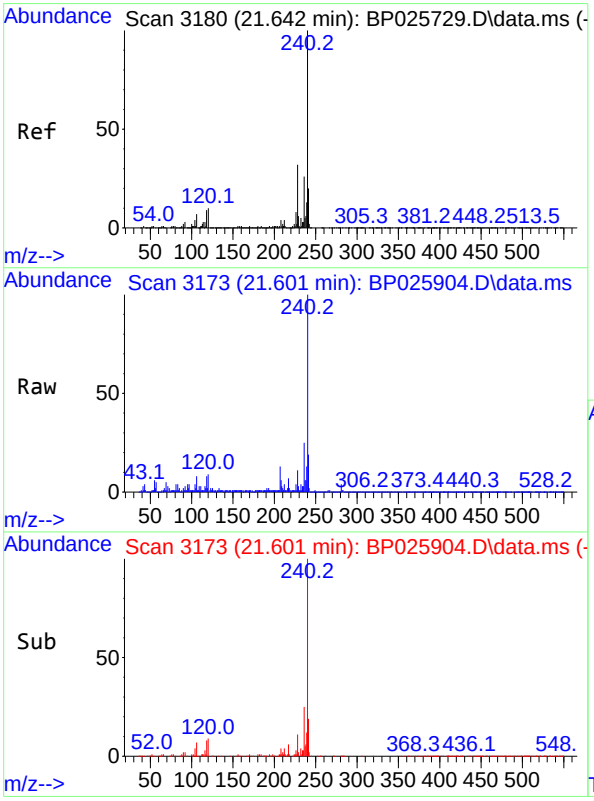
#75
Fluoranthene
Concen: 21.166 ng
RT: 19.295 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:202 Resp: 1205681

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.4
203	18.9	0.0	37.4

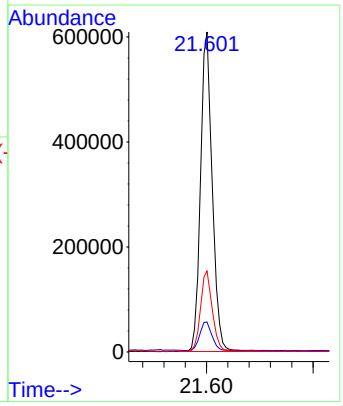


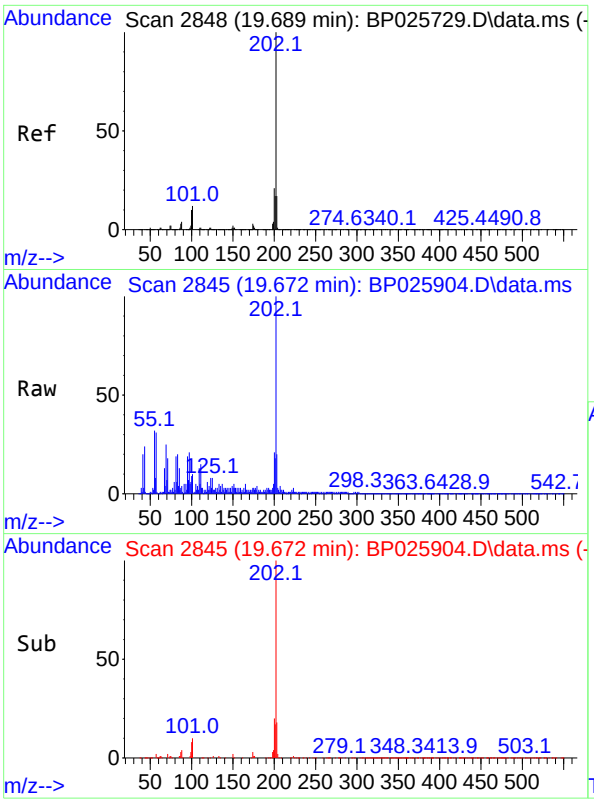


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.041 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:240 Resp: 927143

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.0	12.0
236	25.3	20.7	31.1



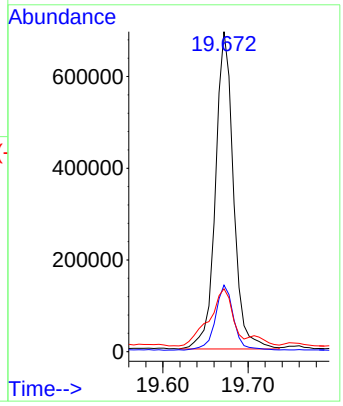


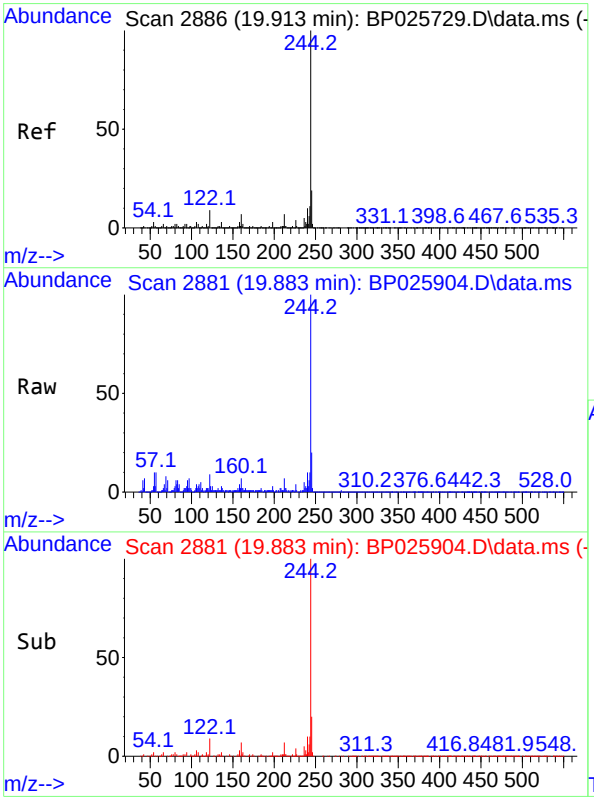
#78
Pyrene
Concen: 16.527 ng
RT: 19.672 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:202 Resp: 1022417

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	19.6	13.9	20.9

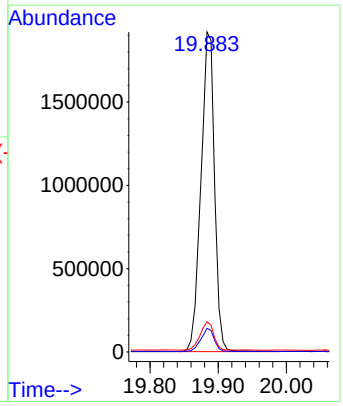


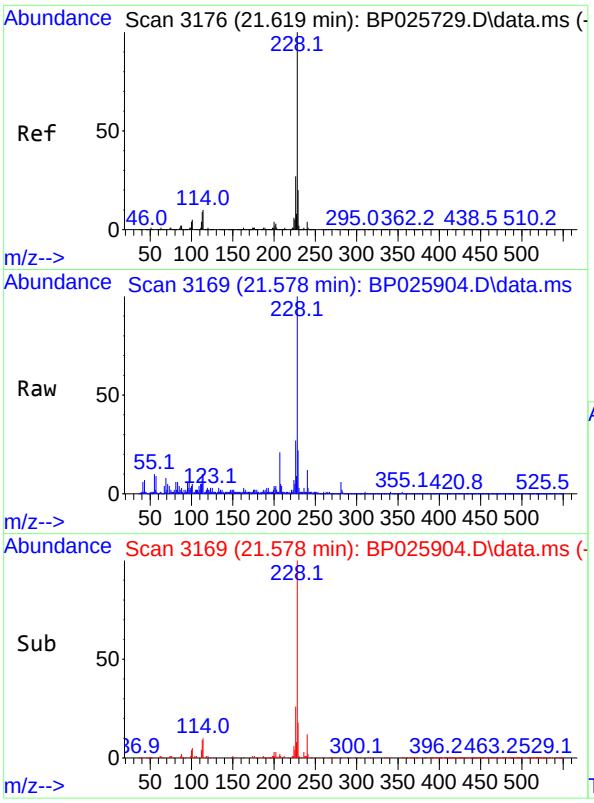


#79
Terphenyl-d14
Concen: 51.503 ng
RT: 19.883 min Scan# 2881
Delta R.T. -0.029 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:244 Resp: 2654289

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.4	7.1	10.7



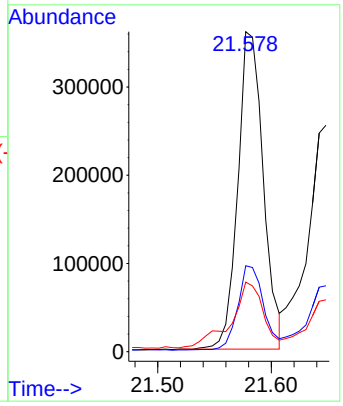


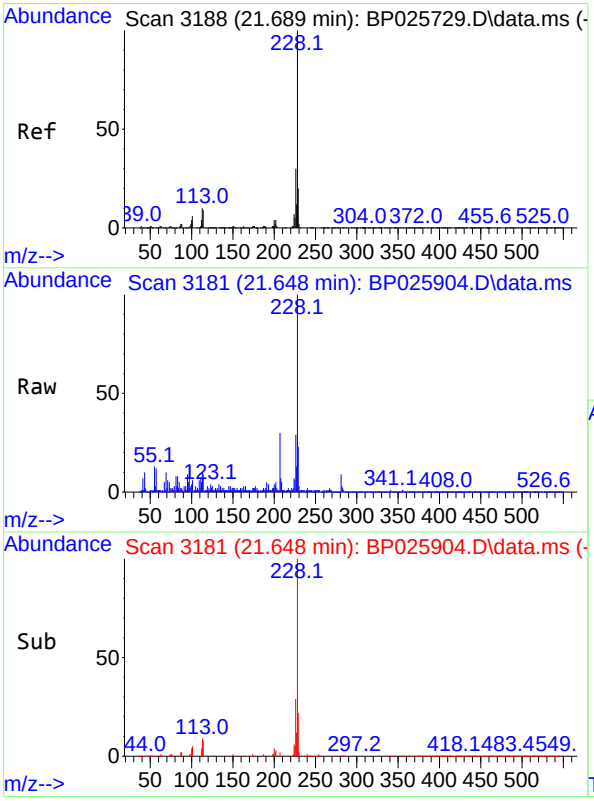
#81
Benzo(a)anthracene
Concen: 8.833 ng
RT: 21.578 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:228 Resp: 560664

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.6	32.4
229	21.7	15.7	23.5

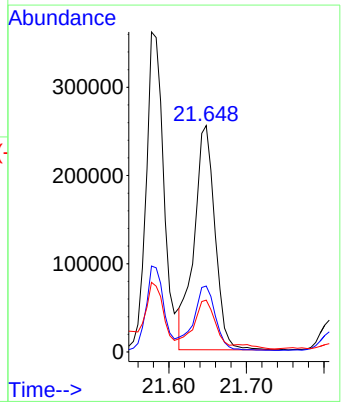


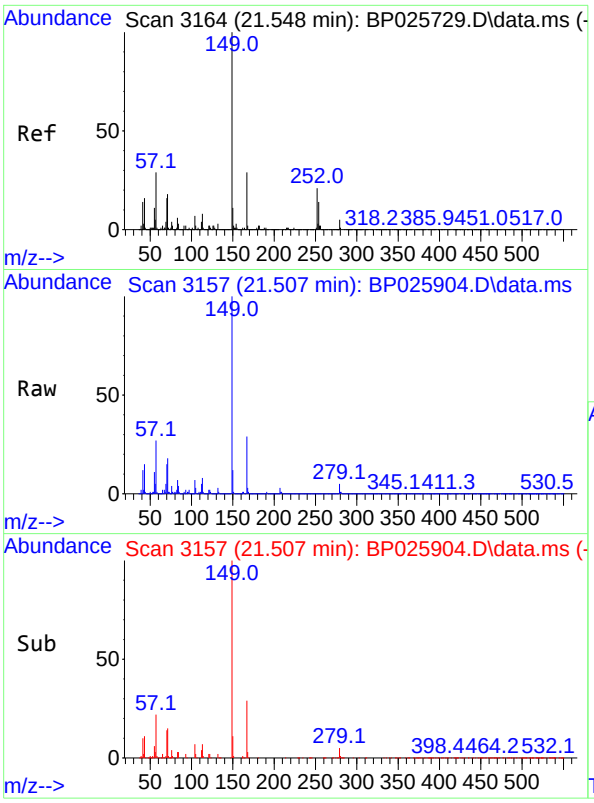


#83
Chrysene
Concen: 7.883 ng
RT: 21.648 min Scan# 3181
Delta R.T. -0.041 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:228 Resp: 476987

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.6
229	22.9	15.6	23.4



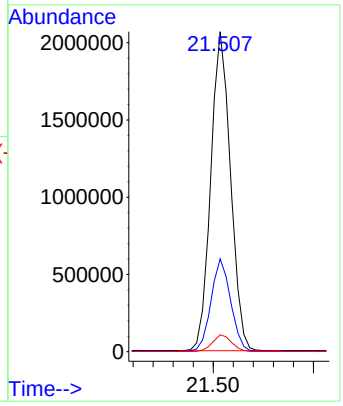


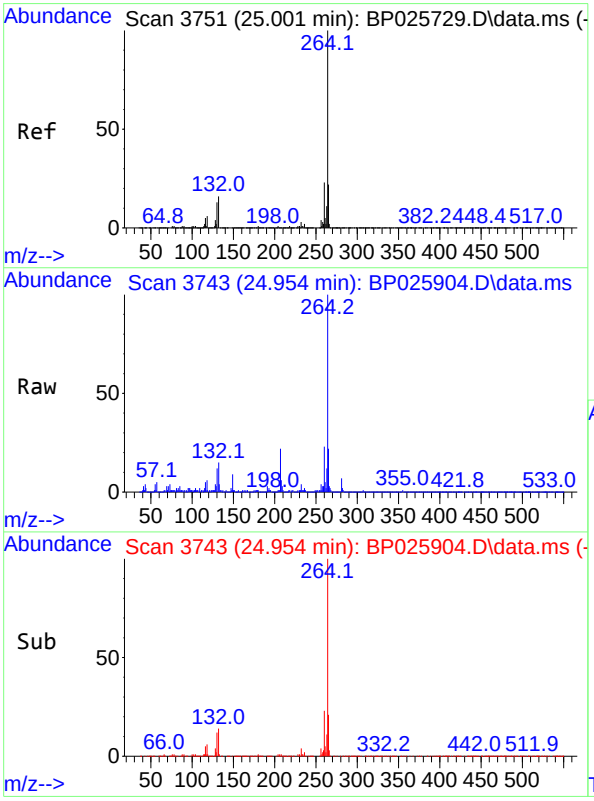
#84
Bis(2-ethylhexyl)phthalate
Concen: 70.921 ng
RT: 21.507 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:149 Resp: 2814486

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.9	34.3
279	5.3	3.8	5.8

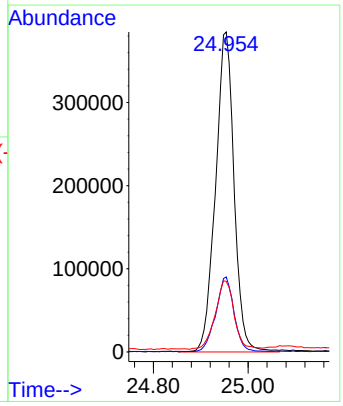


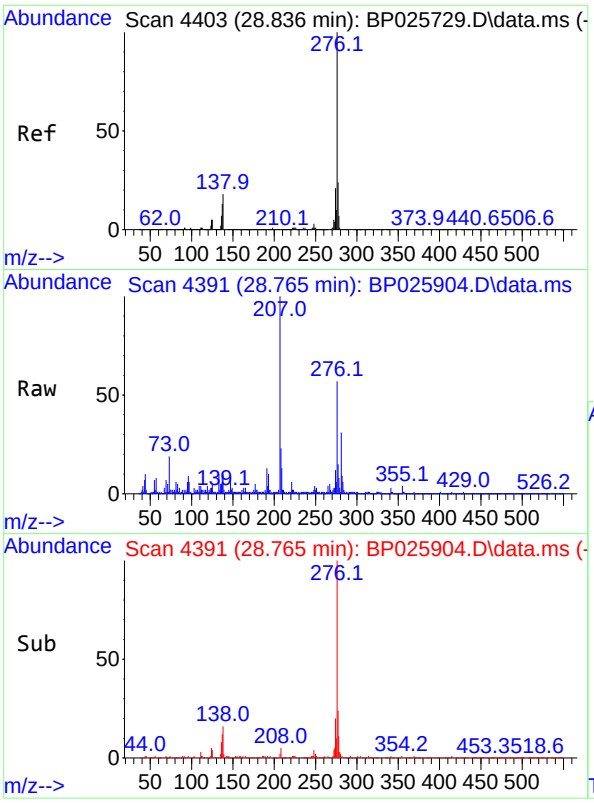


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.954 min Scan# 3743
Delta R.T. -0.047 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:264 Resp: 1046268

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	22.0	17.3	25.9



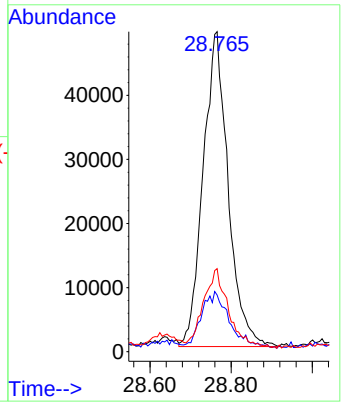


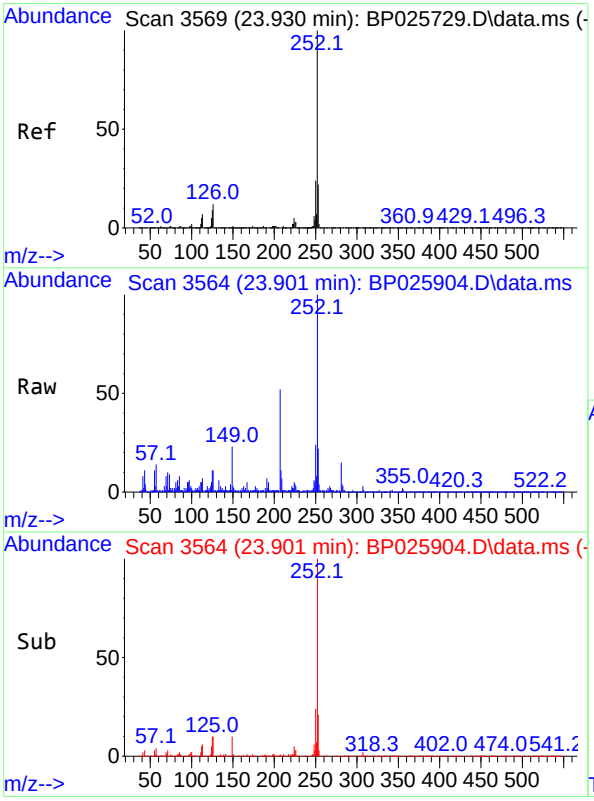
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.765 ng
RT: 28.765 min Scan# 4
Delta R.T. -0.070 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:276 Resp: 210356

Ion	Ratio	Lower	Upper
276	100		
138	19.6	13.4	20.2
277	24.8	9.1	13.7#

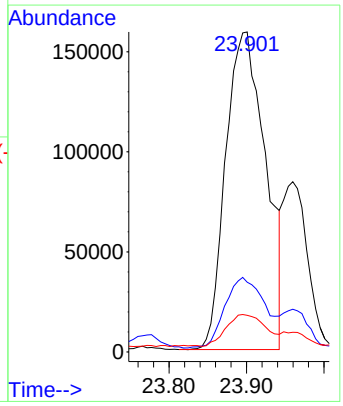


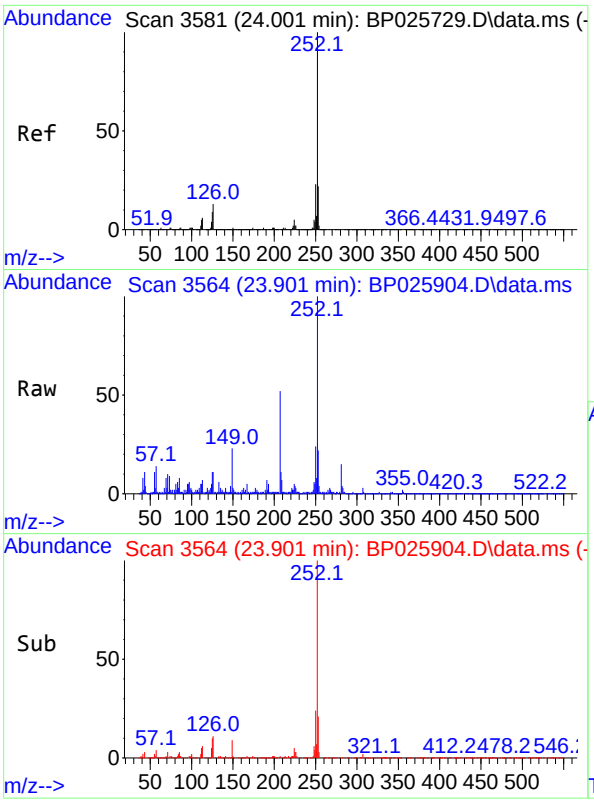


#88
Benzo(b)fluoranthene
Concen: 8.897 ng
RT: 23.901 min Scan# 3564
Delta R.T. -0.029 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:252 Resp: 569267

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.4	7.3	10.9#



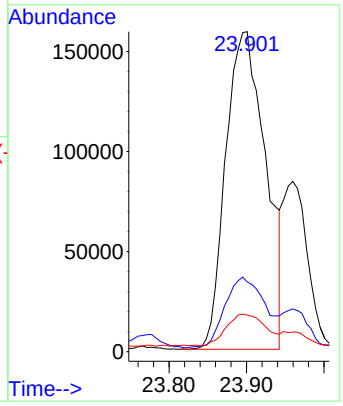


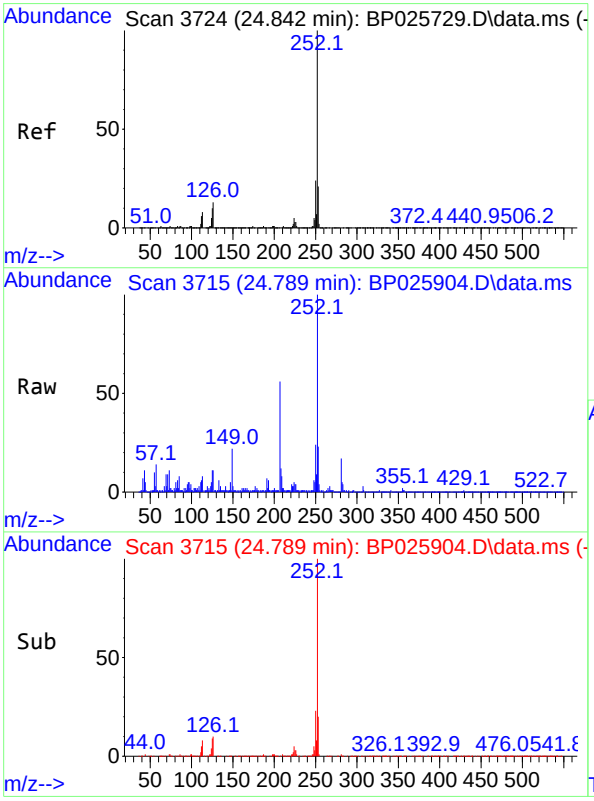
#89
Benzo(k)fluoranthene
Concen: 8.719 ng
RT: 23.901 min Scan# 3
Delta R.T. -0.100 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:252 Resp: 569267

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.4	7.5	11.3#

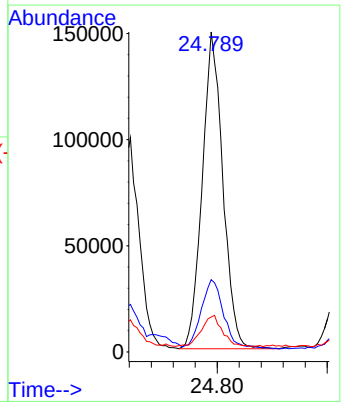


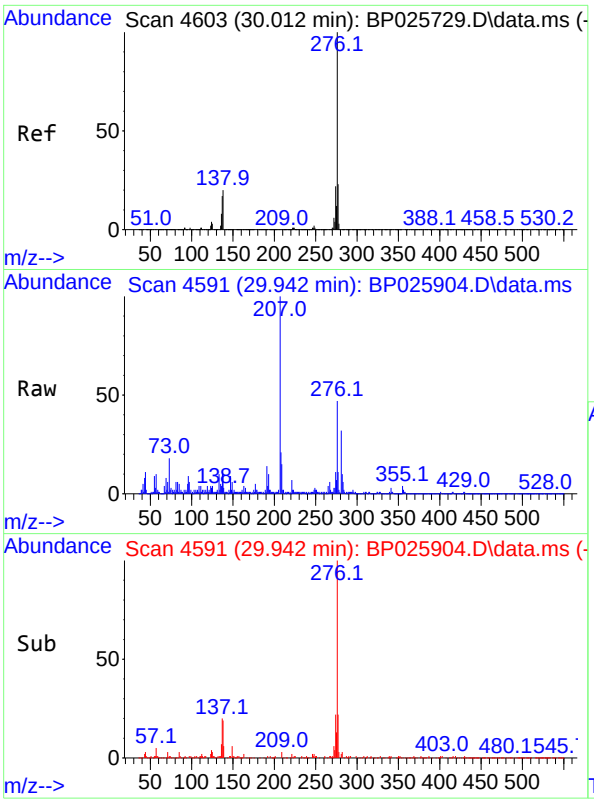


#90
Benzo(a)pyrene
Concen: 6.194 ng
RT: 24.789 min Scan# 3715
Delta R.T. -0.053 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Tgt Ion:252 Resp: 388123

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	10.9	8.3	12.5





#92
Benzo(g,h,i)perylene
Concen: 3.225 ng
RT: 29.942 min Scan# 4
Delta R.T. -0.070 min
Lab File: BP025904.D
Acq: 01 Oct 2025 17:11

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Tgt Ion:276 Resp: 197492

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	26.4	16.0	24.0#