Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024920.D
Acq On : 11 Jun 2025 20:30
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GSB3

Quant Time: Jun 12 01:59:16 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	364655	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	1419199	20.000	ng	# 0.00
39) Acenaphthene-d10	14.260	164	870320	20.000	ng	0.01
64) Phenanthrene-d10	17.072	188	1663800	20.000	ng	0.01
76) Chrysene-d12	21.483	240	1827902	20.000	ng	0.00
86) Perylene-d12	24.748	264	2099388	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1639212	75.035	ng	0.00
7) Phenol-d6	6.819	99	2103172	72.763	ng	0.00
23) Nitrobenzene-d5	8.760	82	1347731	46.146	ng	0.00
42) 2,4,6-Tribromophenol	15.790	330	1034898	86.008	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	3043416	47.107	ng	0.00
79) Terphenyl-d14	19.783	244	4948879	48.523	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.054	142	1047674	22.710	ng	98
38) 1-Methylnaphthalene	12.278	142	1126527	22.840	ng	100
52) Acenaphthene	14.325	154	166671	3.589	ng	# 85
58) Fluorene	15.331	166	369339	6.132	ng	# 85
71) Phenanthrene	17.113	178	1265783	13.767	ng	# 95

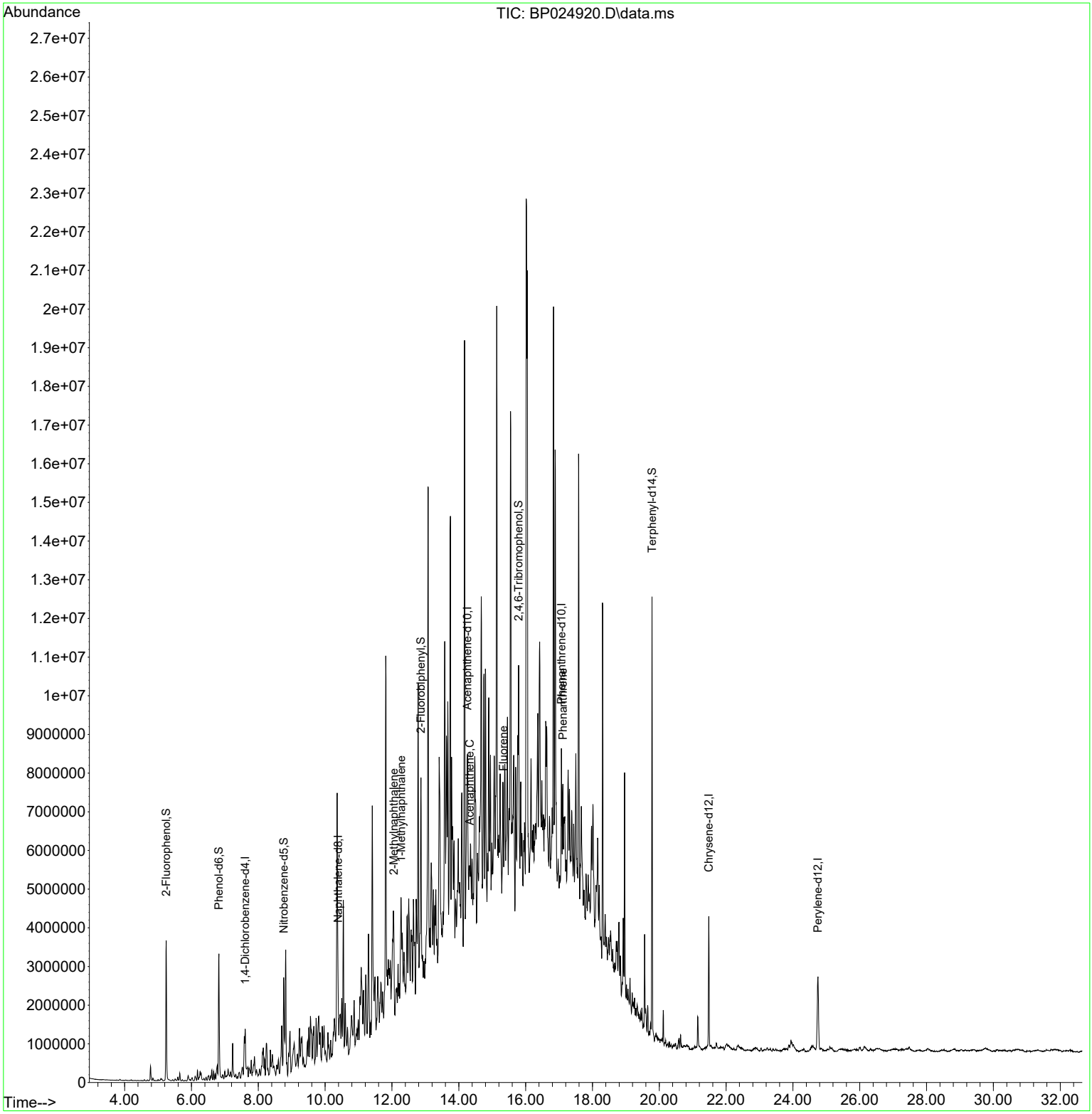
(#) = qualifier out of range (m) = manual integration (+) = signals summed

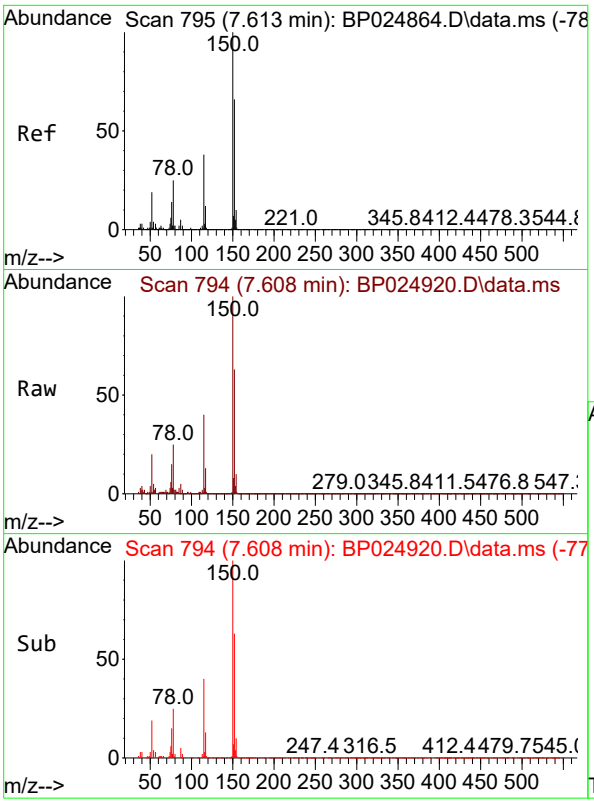
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024920.D
Acq On : 11 Jun 2025 20:30
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GSB3

Quant Time: Jun 12 01:59:16 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



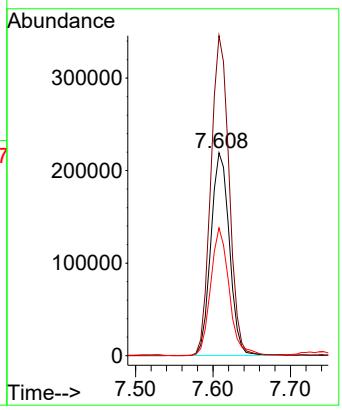


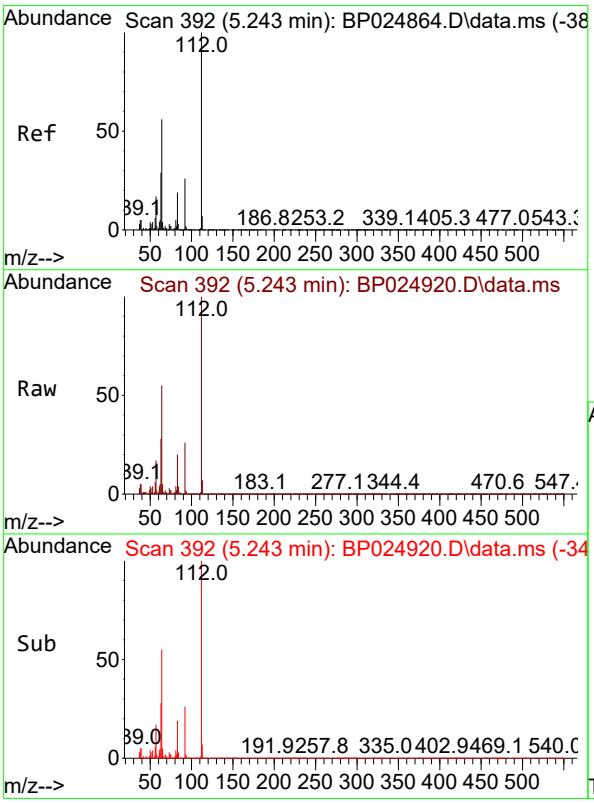
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:152 Resp: 364655

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.1	183.1
115	63.0	46.4	69.6

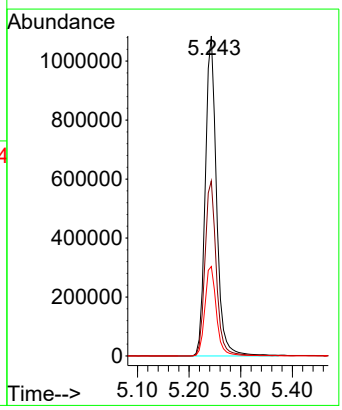


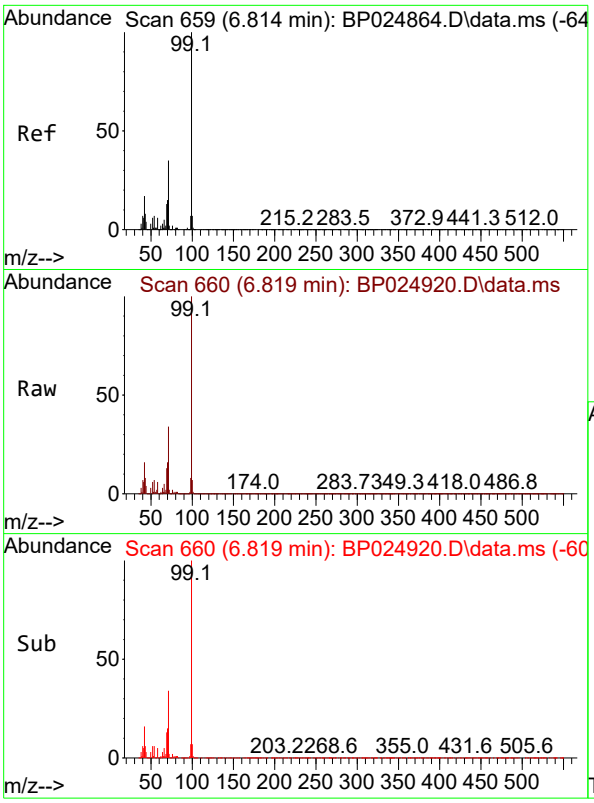


#5
2-Fluorophenol
Concen: 75.035 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:112 Resp: 1639212

Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.7	67.1
63	28.0	23.5	35.3



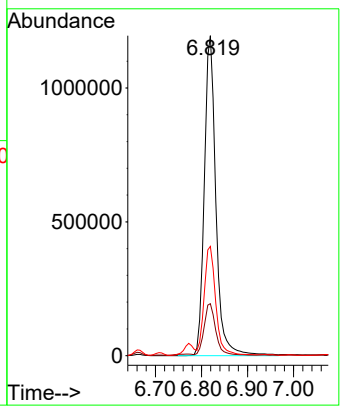


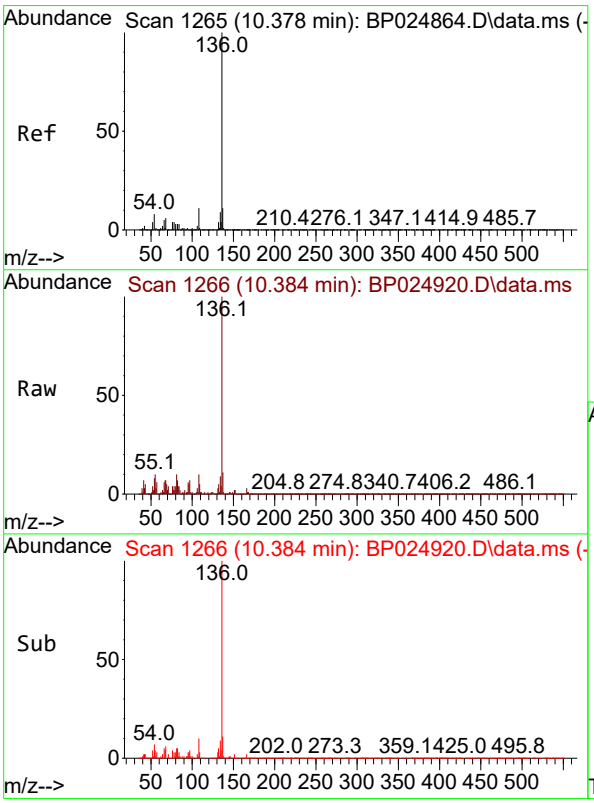
#7
Phenol-d6
Concen: 72.763 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion: 99 Resp: 2103172

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	34.2	27.6	41.4

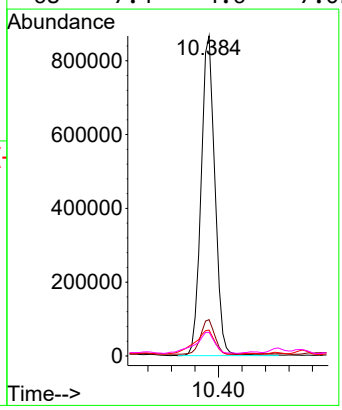


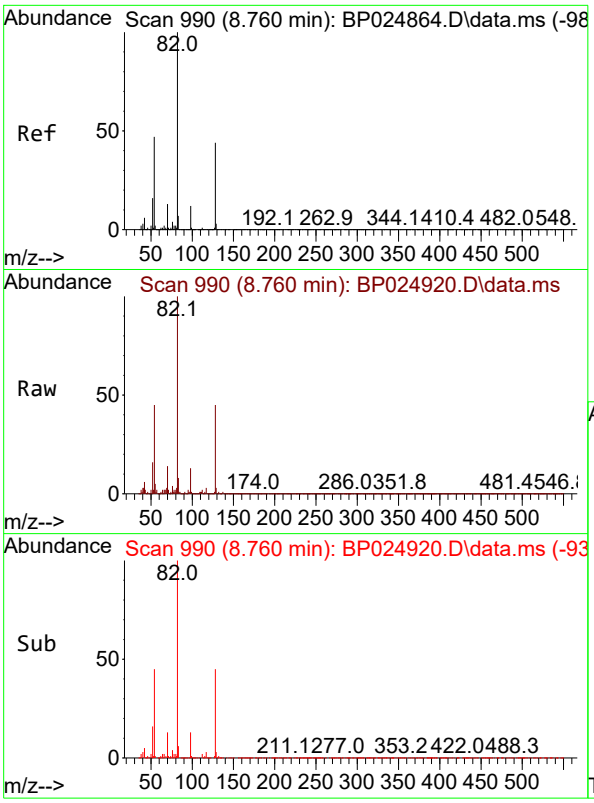


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:136 Resp: 1419199

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.1	6.1	9.1
68	7.4	4.6	7.0#



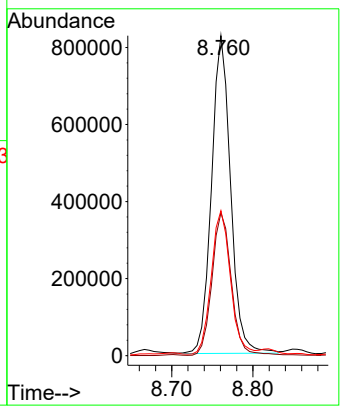


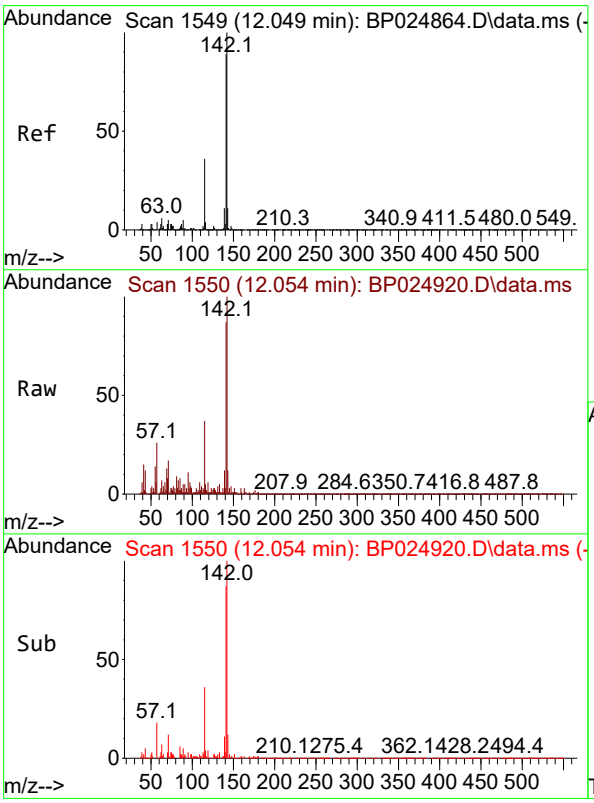
#23
Nitrobenzene-d5
Concen: 46.146 ng
RT: 8.760 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion: 82 Resp: 1347731

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	45.3	37.4	56.0

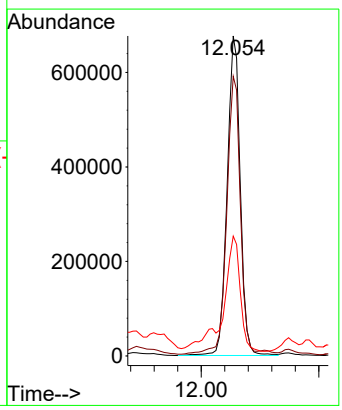


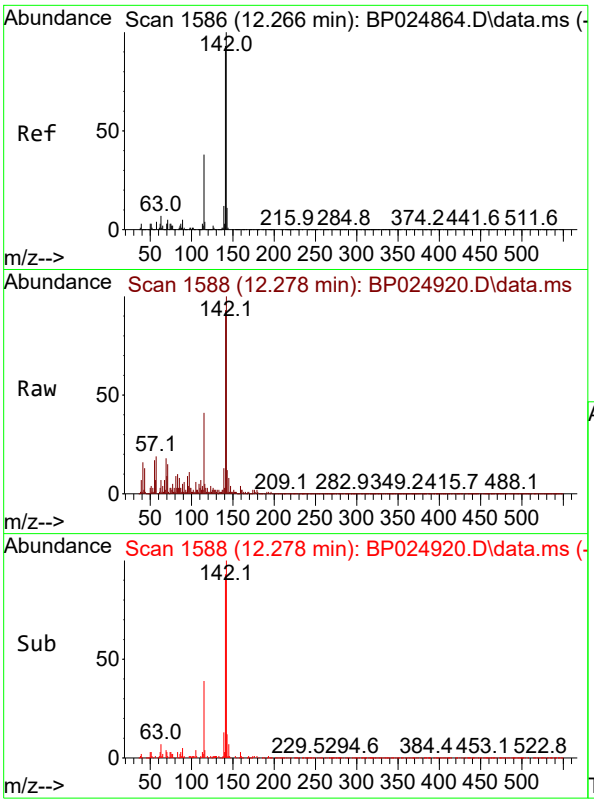


#37
2-Methylnaphthalene
Concen: 22.710 ng
RT: 12.054 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:142 Resp: 1047674

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.2	106.8
115	37.4	28.5	42.7



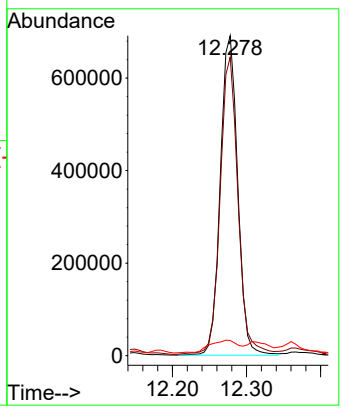


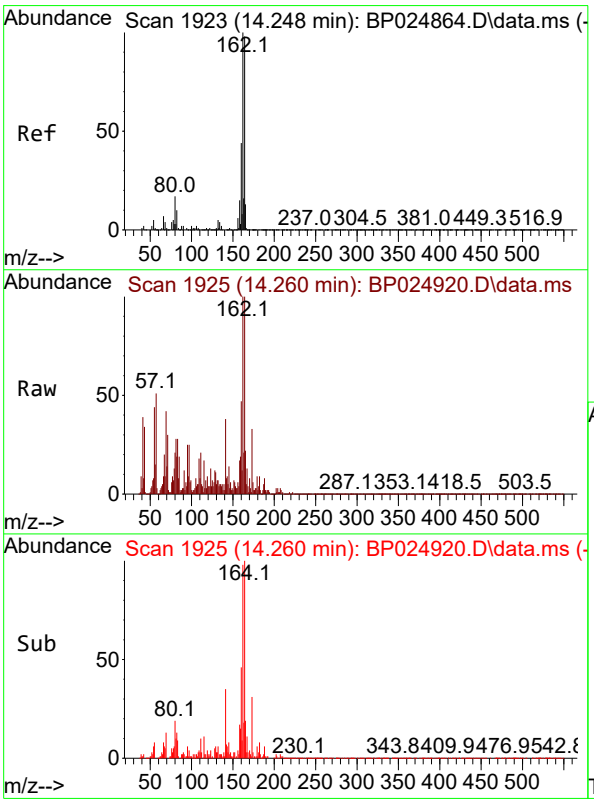
#38
1-Methylnaphthalene
Concen: 22.840 ng
RT: 12.278 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:142 Resp: 1126527

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.7	112.1
116	4.7	3.4	5.0

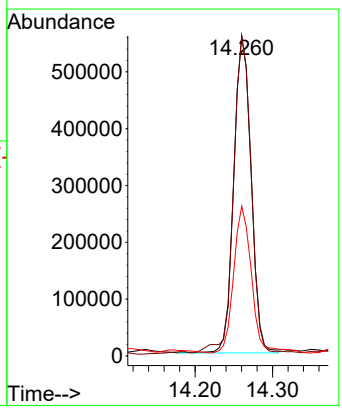


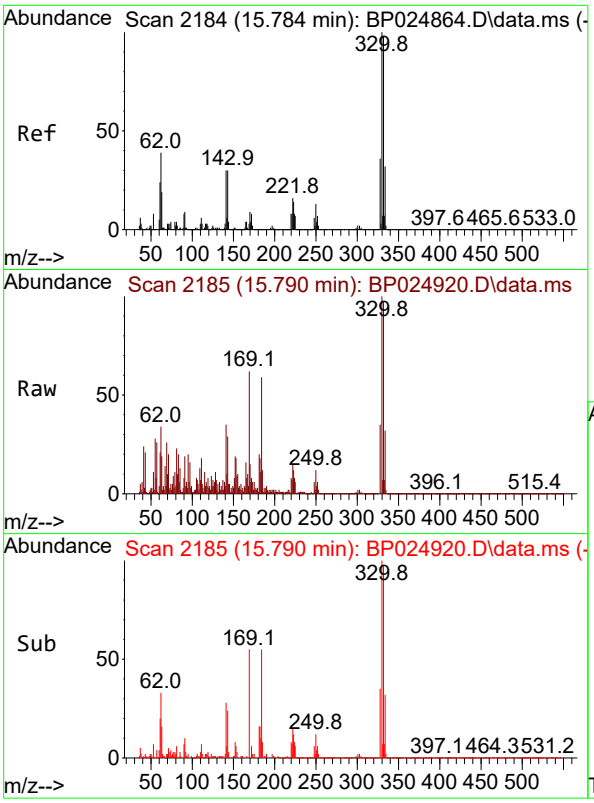


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1925
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:164 Resp: 870320

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.6	122.4
160	46.8	36.2	54.2



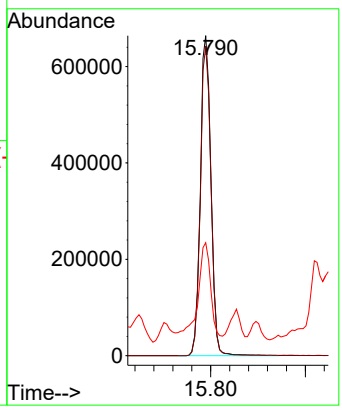


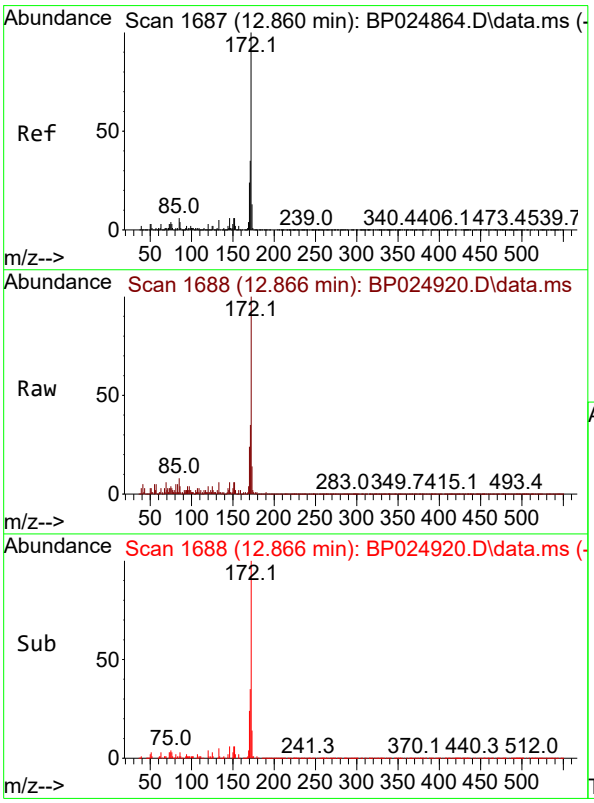
#42
2,4,6-Tribromophenol
Concen: 86.008 ng
RT: 15.790 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:330 Resp: 1034898

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	33.1	26.4	39.6

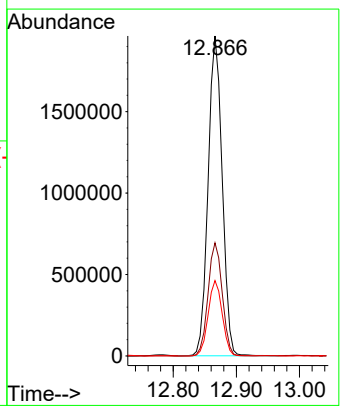


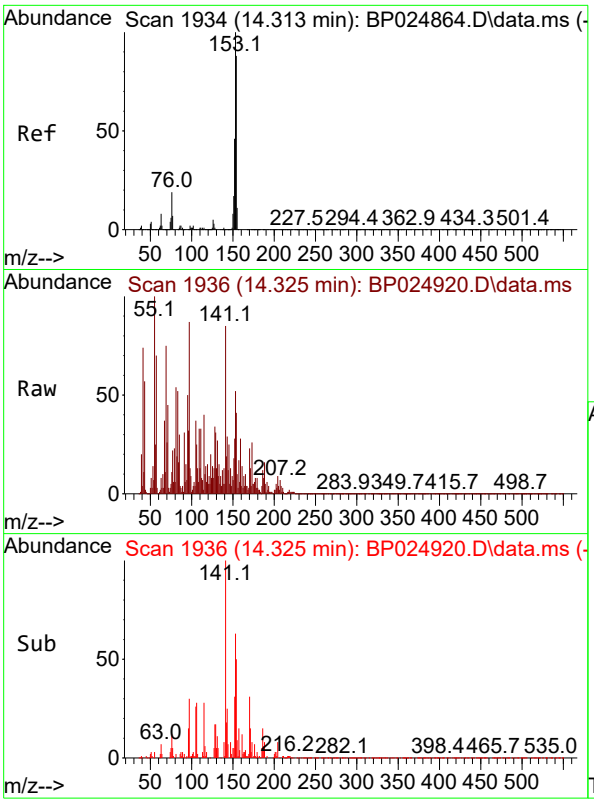


#45
2-Fluorobiphenyl
Concen: 47.107 ng
RT: 12.866 min Scan# 1688
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:172 Resp: 3043416

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.6	19.0	28.4



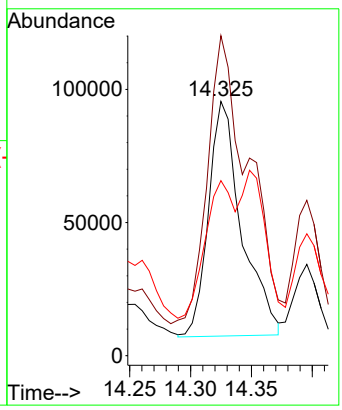


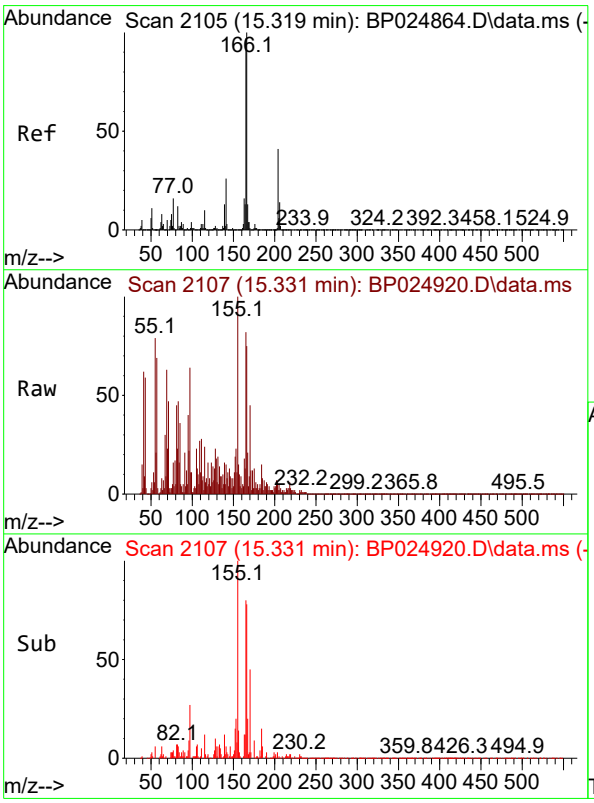
#52
Acenaphthene
Concen: 3.589 ng
RT: 14.325 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:154 Resp: 166671

Ion	Ratio	Lower	Upper
154	100		
153	125.9	90.5	135.7
152	68.9	42.1	63.1#

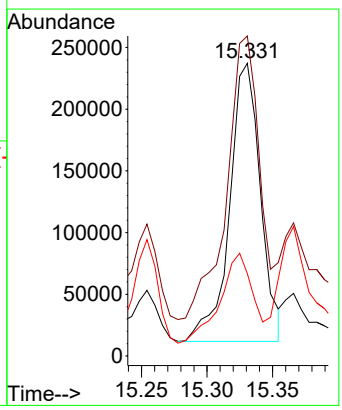


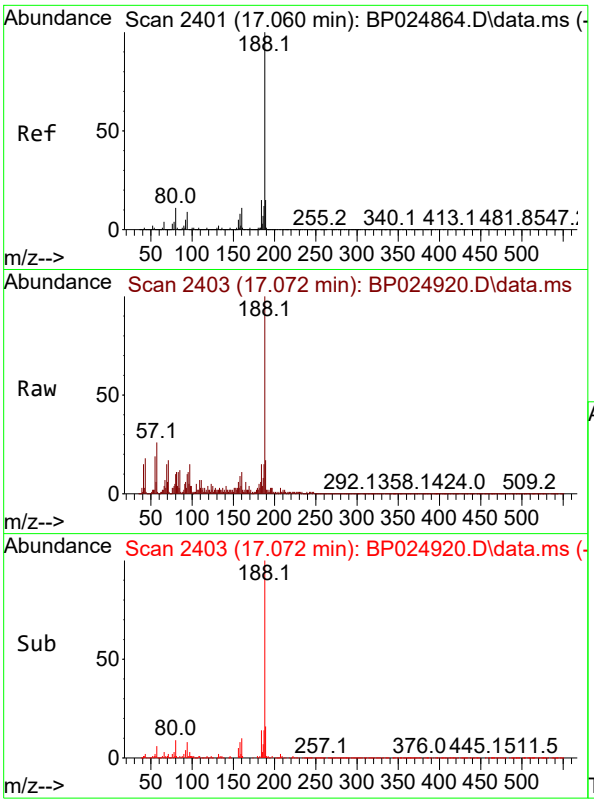


#58
Fluorene
Concen: 6.132 ng
RT: 15.331 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:166 Resp: 369339

Ion	Ratio	Lower	Upper
166	100		
165	109.3	77.7	116.5
167	28.2	10.6	16.0#



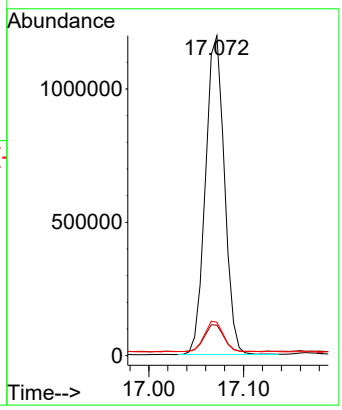


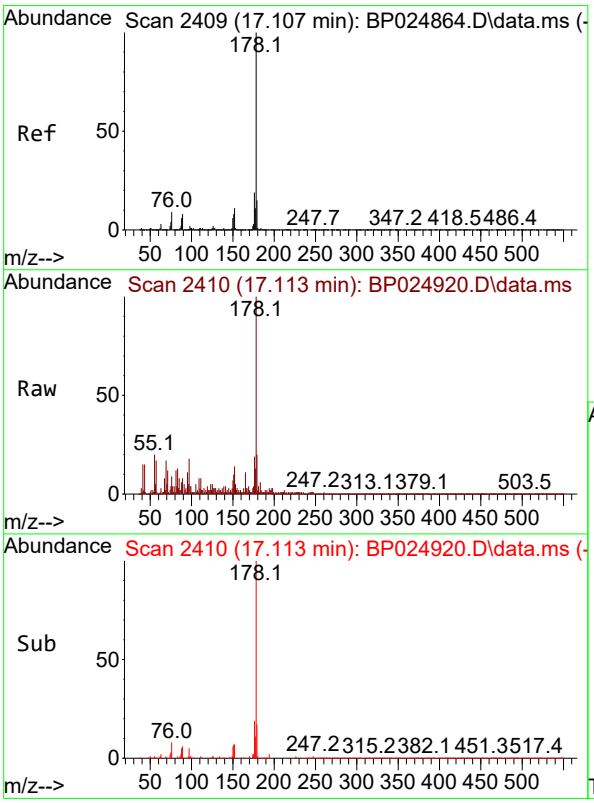
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.072 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:188 Resp: 1663800

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.5	8.5	12.7

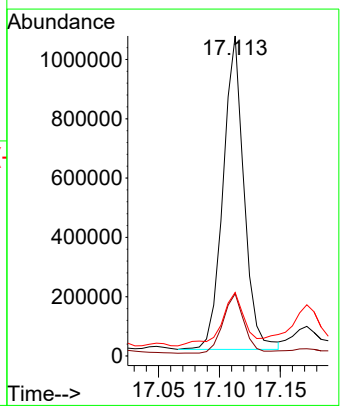


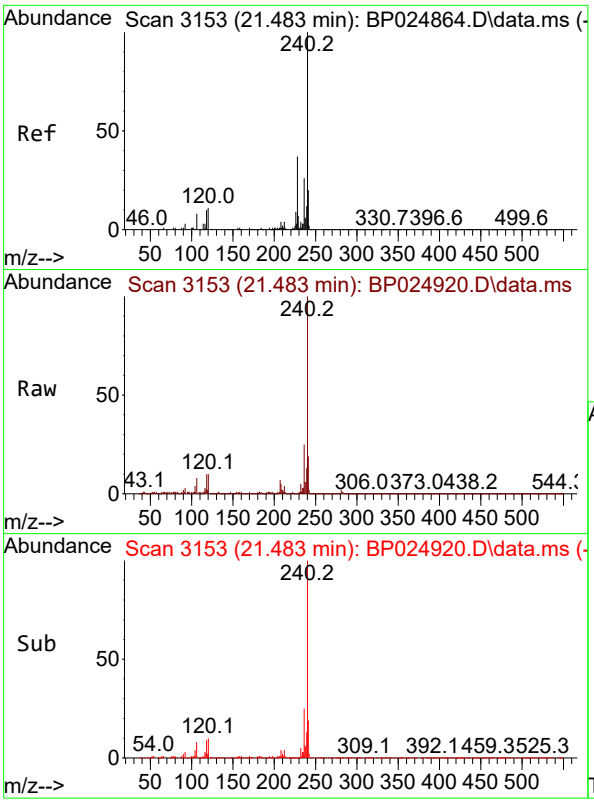


#71
Phenanthrene
Concen: 13.767 ng
RT: 17.113 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:178 Resp: 1265783

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	19.8	12.1	18.1#



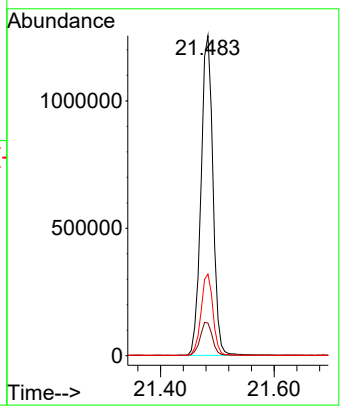


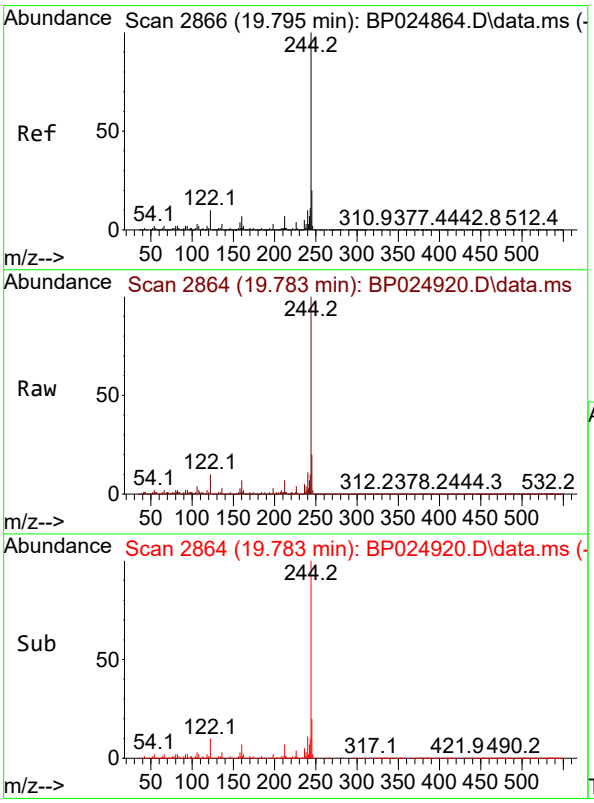
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:240 Resp: 1827902

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.5	20.9	31.3

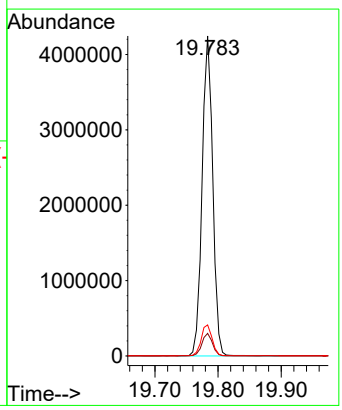


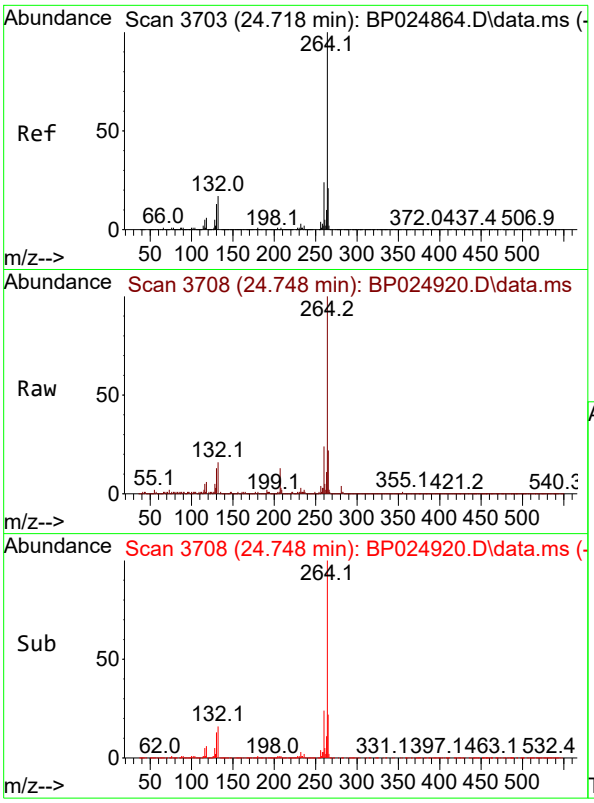


#79
Terphenyl-d14
Concen: 48.523 ng
RT: 19.783 min Scan# 2864
Delta R.T. -0.012 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Tgt Ion:244 Resp: 4948879

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.7	7.7	11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.748 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP024920.D
Acq: 11 Jun 2025 20:30

Instrument :
BNA_P
ClientSampleId :
GSB3

Tgt Ion:264 Resp: 2099388

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.2	17.4	26.0