Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Quant Time: Aug 22 15:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	142633	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	578856	20.000	ng	-0.01
39) Acenaphthene-d10	14.389	164	367275	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	749496	20.000	ng	#-0.01
76) Chrysene-d12	21.648	240	830183	20.000	ng	0.00
86) Perylene-d12	25.007	264	978534	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	302348	35.203	ng	-0.01
7) Phenol-d6	6.960	99	237198	21.541	ng	0.00
23) Nitrobenzene-d5	8.919	82	508858	44.468	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	349746	70.748	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1109052	41.269	ng	-0.01
79) Terphenyl-d14	19.907	244	1921425	42.345	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.984	94	37983	3.287	ng	95
31) Naphthalene	10.596	128	1435010	47.696	ng	99
37) 2-Methylnaphthalene	12.201	142	103844	5.304	ng	99
38) 1-Methylnaphthalene	12.425	142	116551	5.598	ng	97
52) Acenaphthene	14.460	154	47393	2.350	ng	96
73) Carbazole	17.607	167	132943	3.357	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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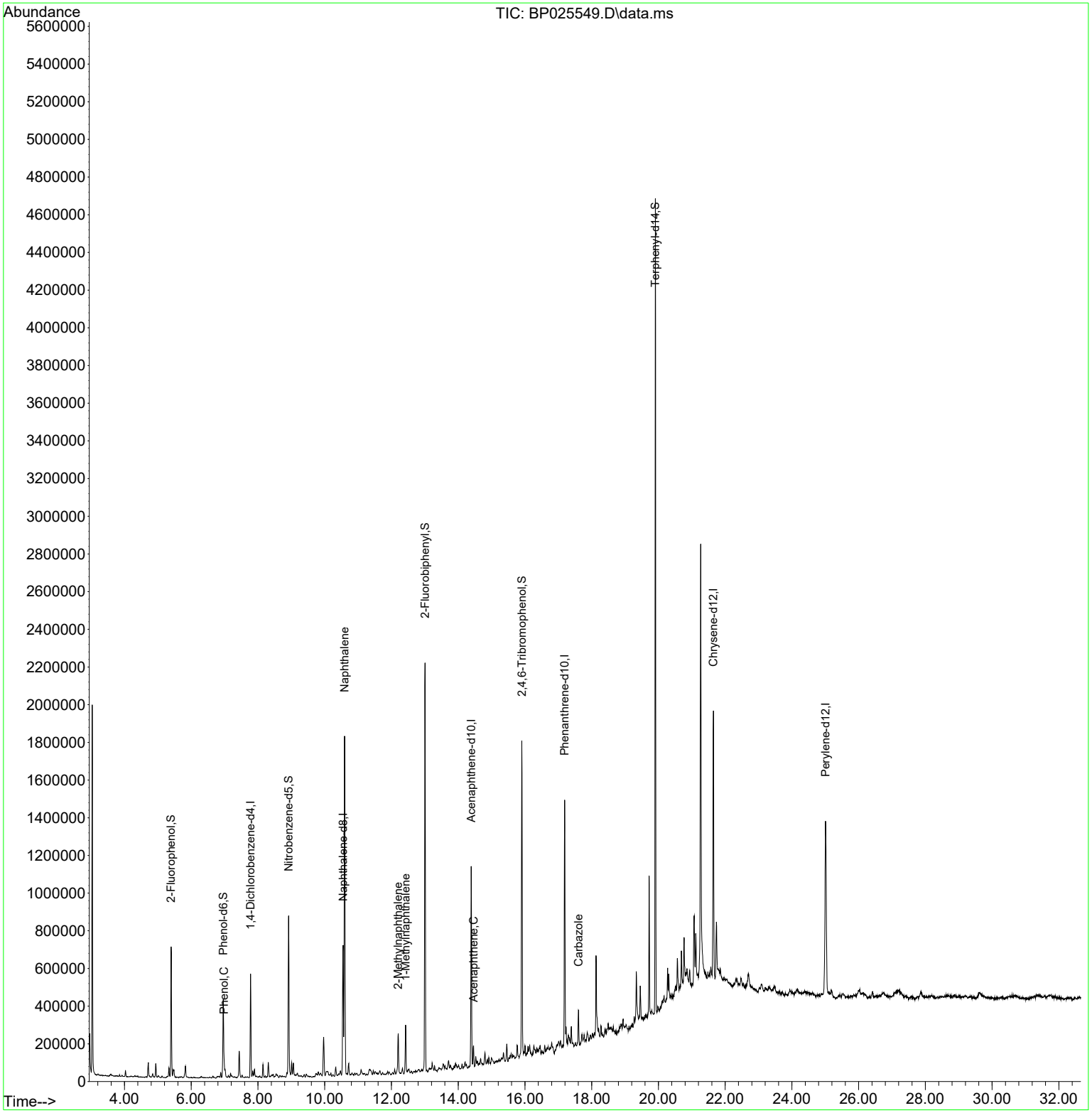
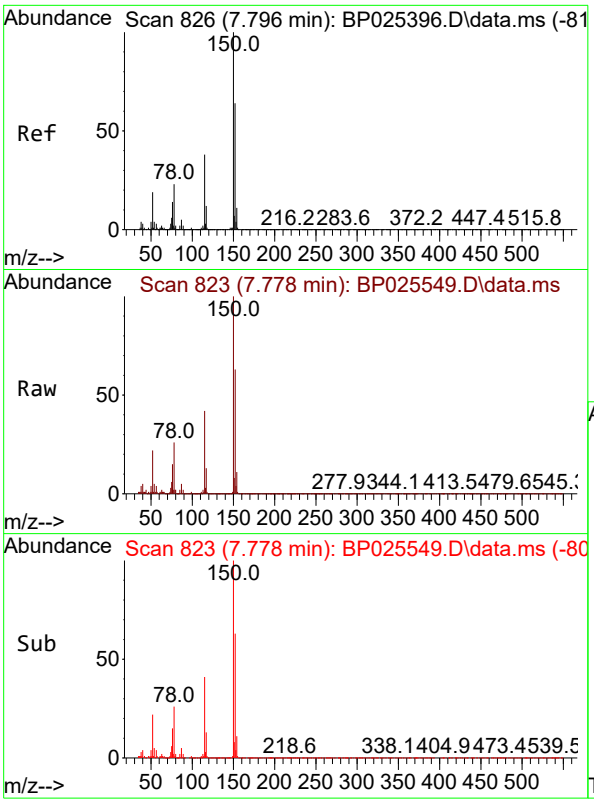


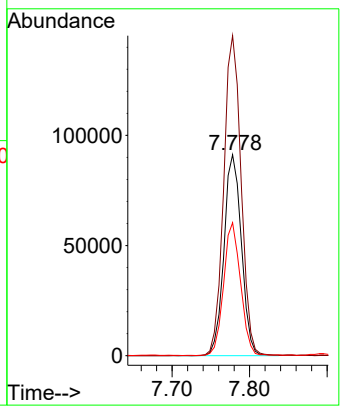


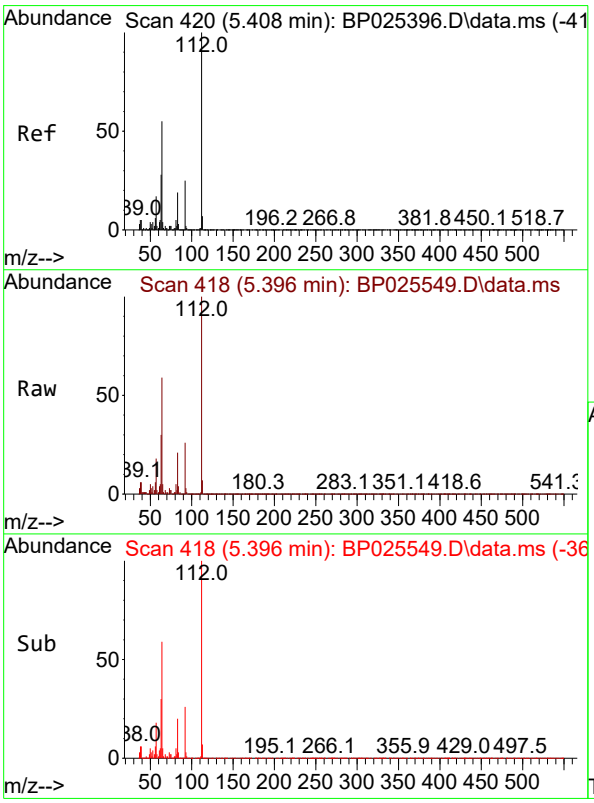
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:152 Resp: 142633

Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.9	188.9
115	66.2	48.5	72.7

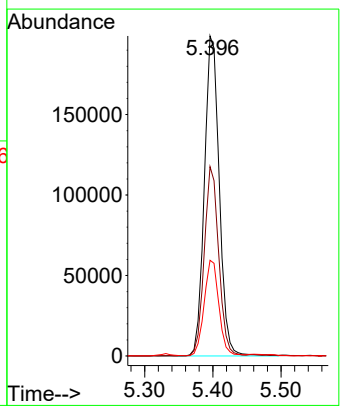


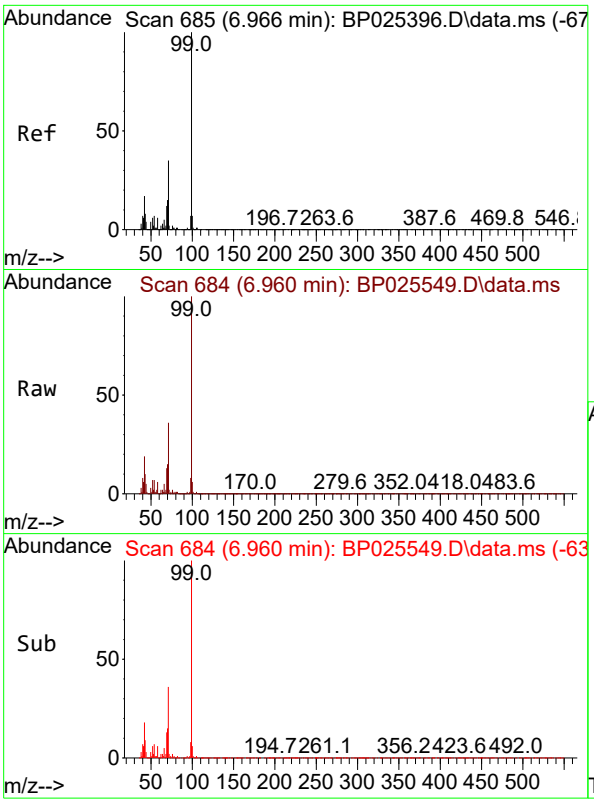


#5
2-Fluorophenol
Concen: 35.203 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:112 Resp: 302348

Ion	Ratio	Lower	Upper
112	100		
64	59.2	43.8	65.8
63	29.9	22.7	34.1



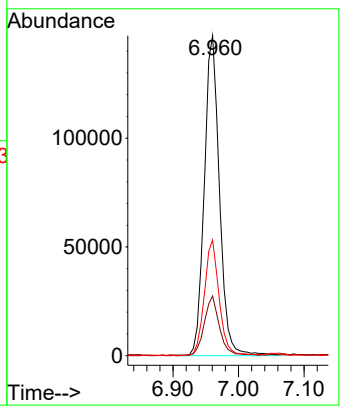


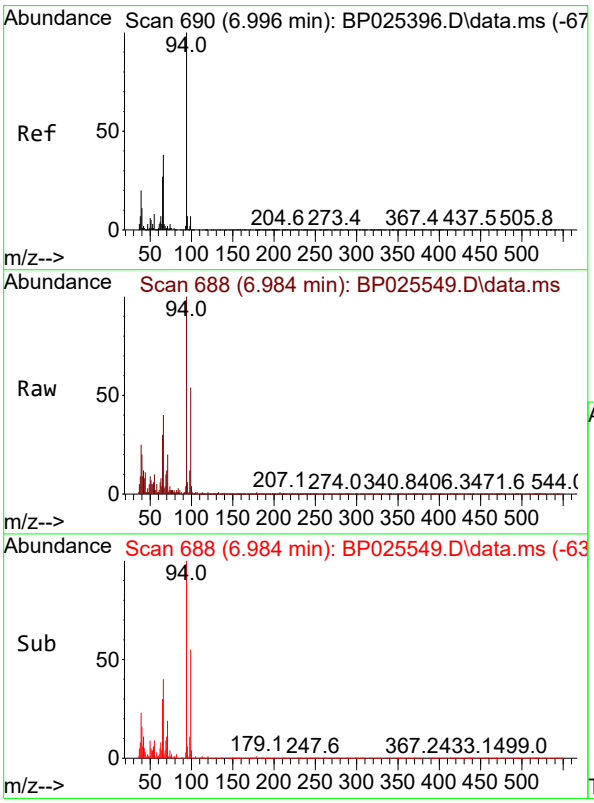
#7
Phenol-d6
Concen: 21.541 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion: 99 Resp: 237198

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	36.1	28.2	42.4

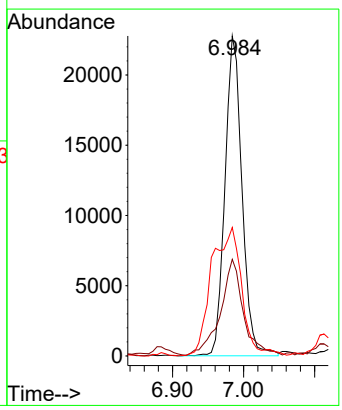


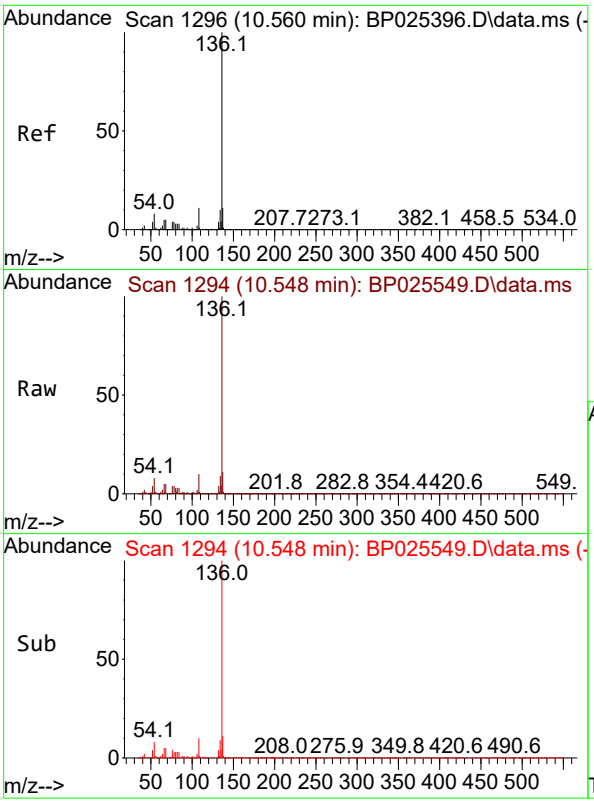


#10
Phenol
Concen: 3.287 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion: 94 Resp: 37983

Ion	Ratio	Lower	Upper
94	100		
65	30.2	6.8	46.8
66	40.2	18.2	58.2



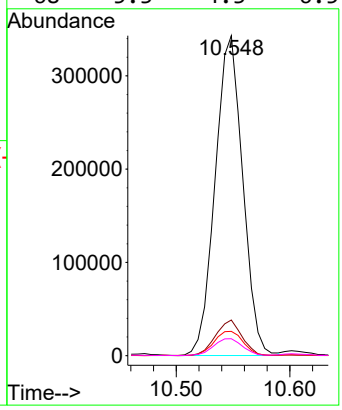


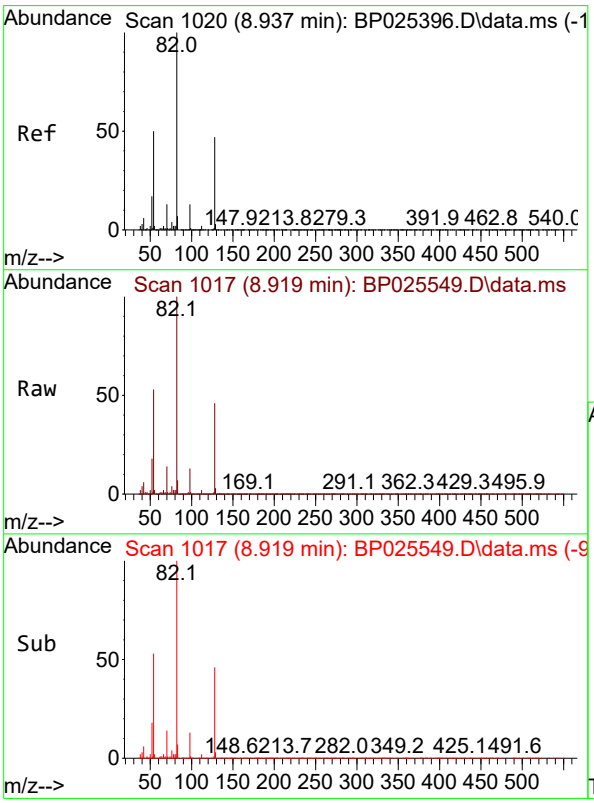
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:136 Resp: 578856

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.6	6.0	9.0
68	5.3	4.3	6.5

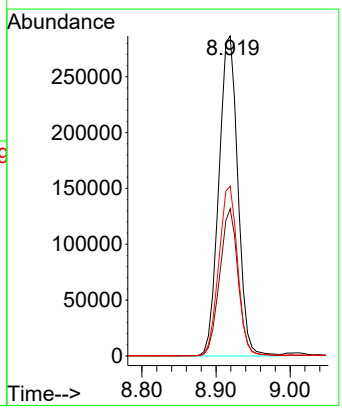


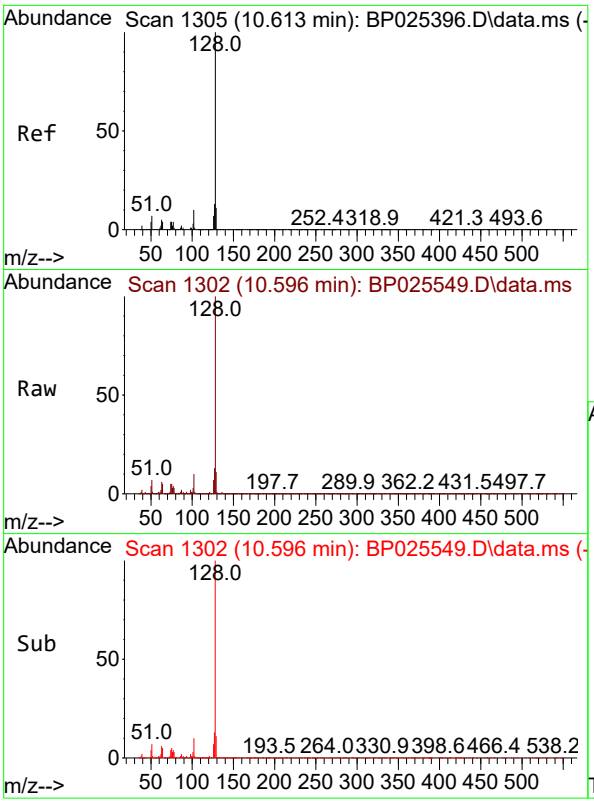


#23
Nitrobenzene-d5
Concen: 44.468 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion: 82 Resp: 508858

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	53.0	39.8	59.6



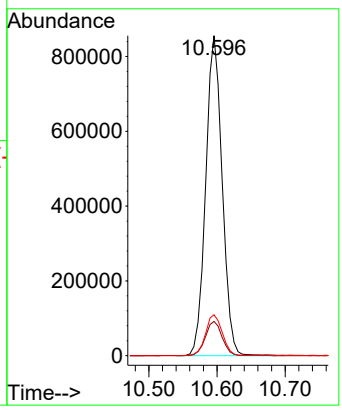


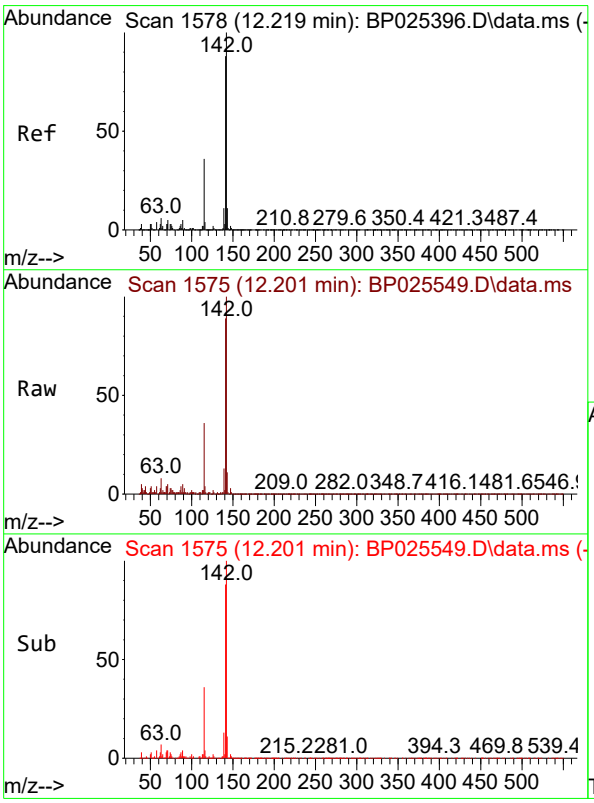
#31
Naphthalene
Concen: 47.696 ng
RT: 10.596 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:128 Resp: 1435010

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.8	10.7	16.1

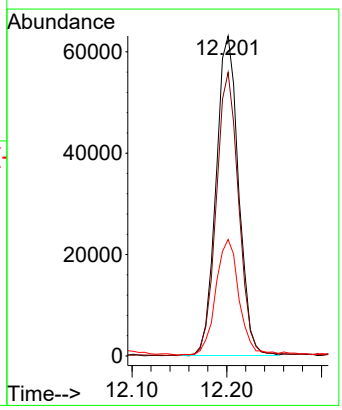


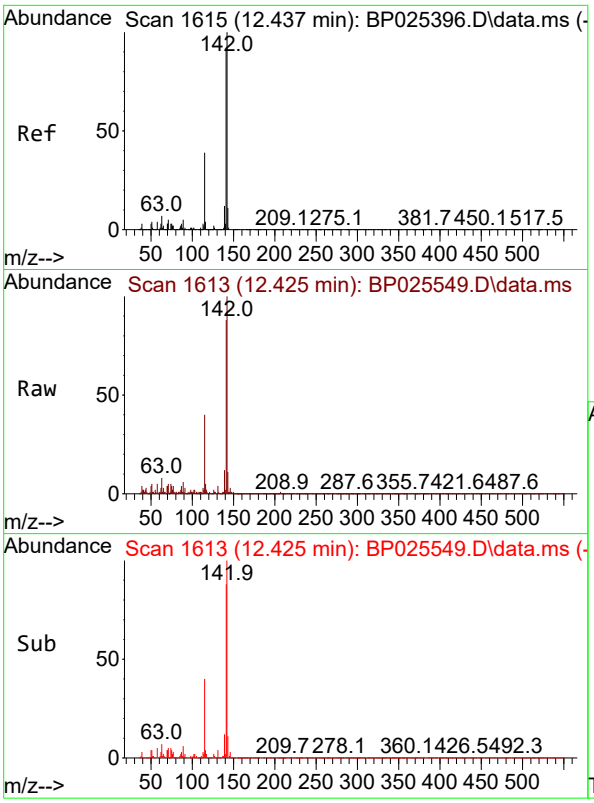


#37
2-Methylnaphthalene
Concen: 5.304 ng
RT: 12.201 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:142 Resp: 103844

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	36.4	28.9	43.3



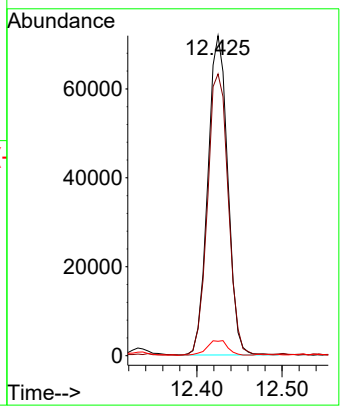


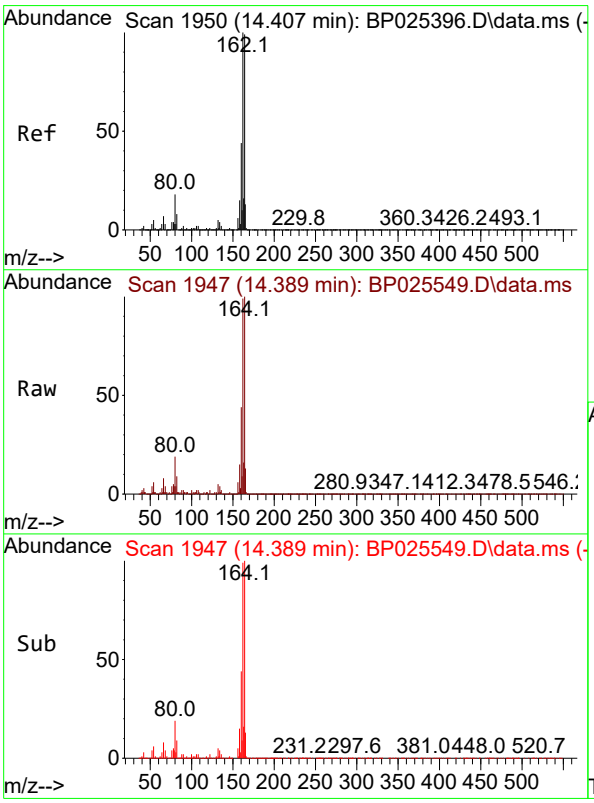
#38
1-Methylnaphthalene
Concen: 5.598 ng
RT: 12.425 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:142 Resp: 116551

Ion	Ratio	Lower	Upper
142	100		
141	88.1	73.1	109.7
116	4.5	3.2	4.8

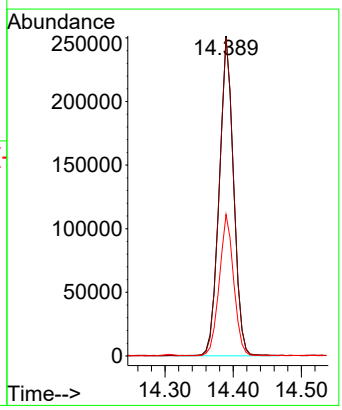


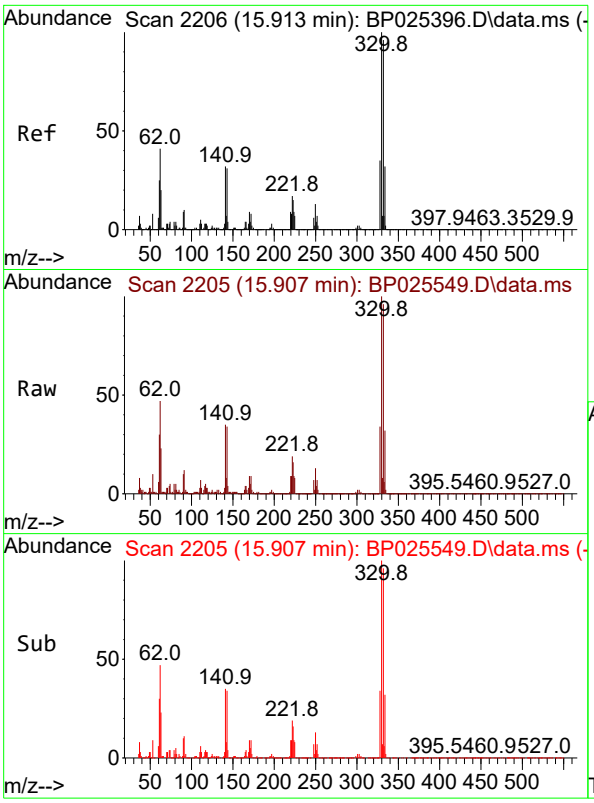


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:164 Resp: 367275

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.0	121.6
160	44.2	35.4	53.2



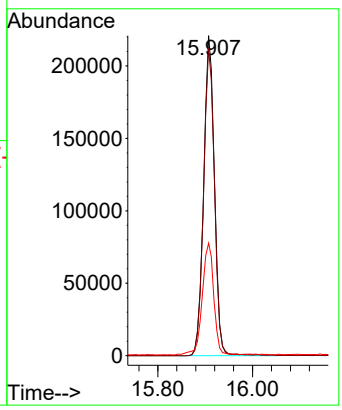


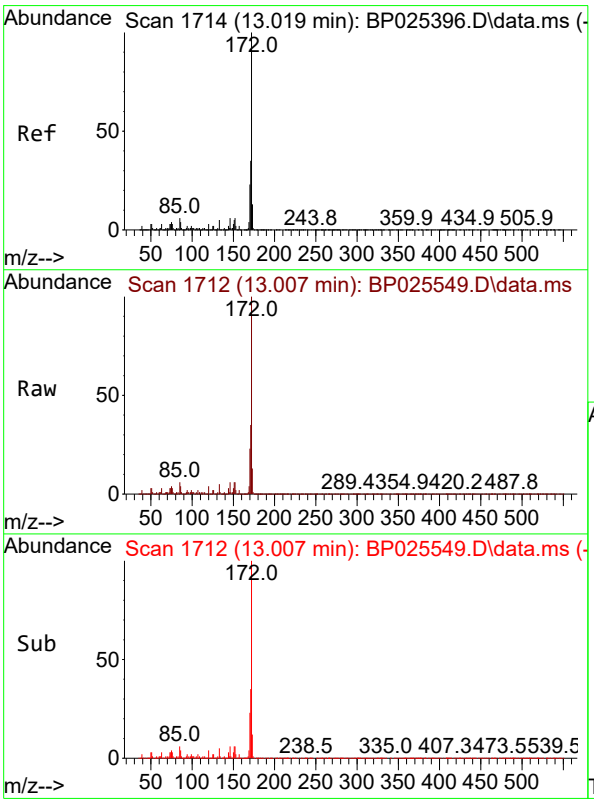
#42
2,4,6-Tribromophenol
Concen: 70.748 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:330 Resp: 349746

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	37.0	26.6	39.8

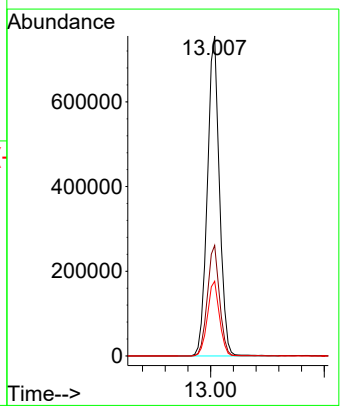


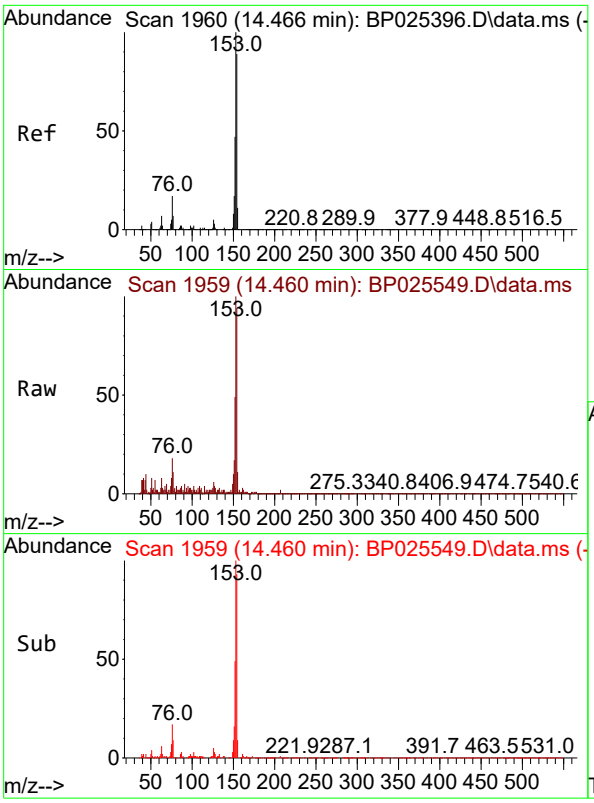


#45
2-Fluorobiphenyl
Concen: 41.269 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:172 Resp: 1109052

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.4	18.6	28.0



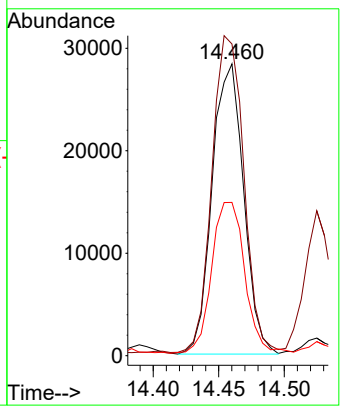


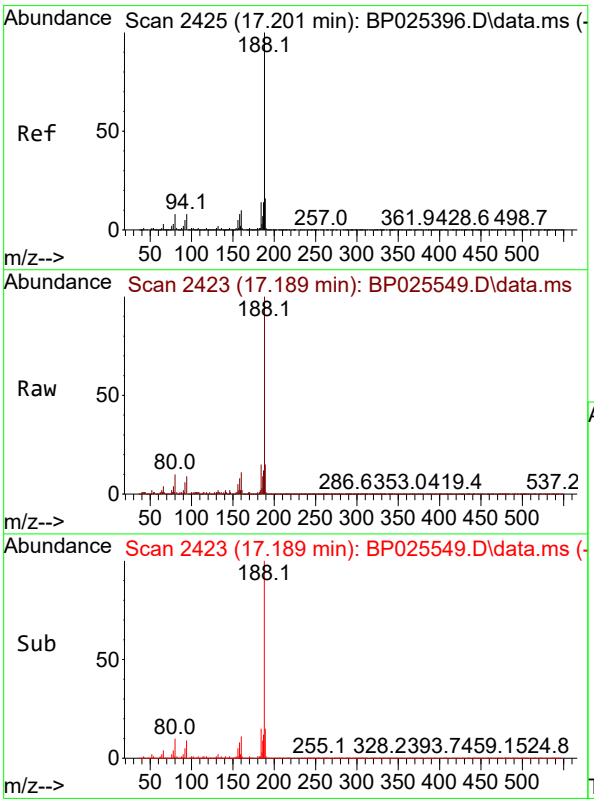
#52
Acenaphthene
Concen: 2.350 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:154 Resp: 47393

Ion	Ratio	Lower	Upper
154	100		
153	106.8	90.2	135.2
152	52.5	42.1	63.1

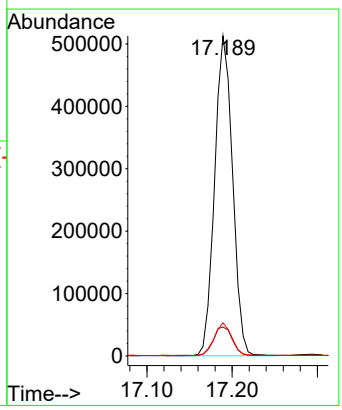


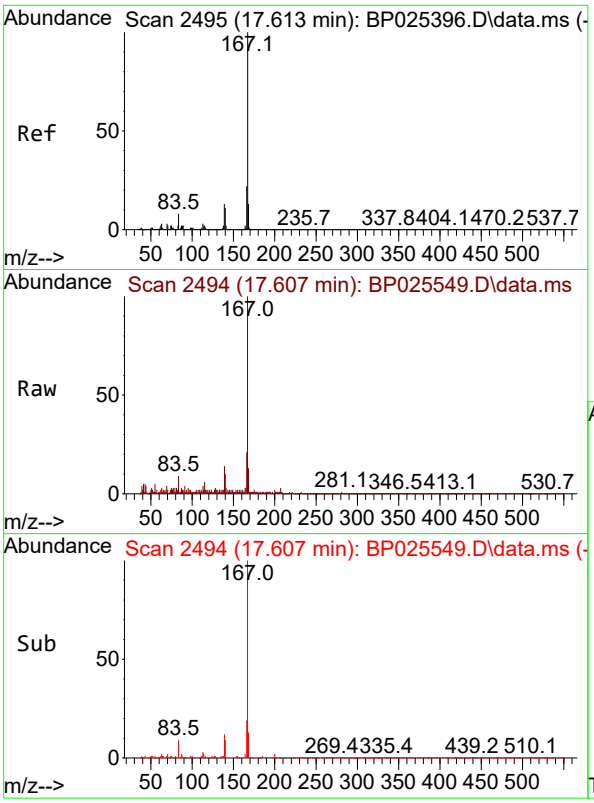


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:188 Resp: 749496

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	10.4	6.7	10.1#



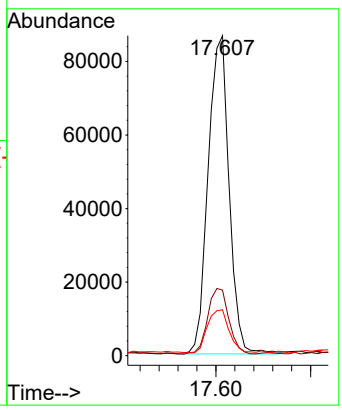


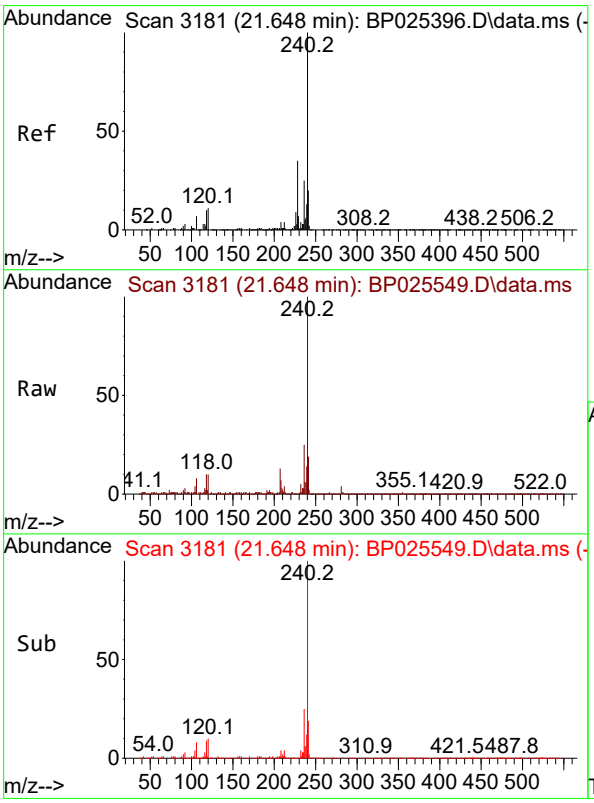
#73
Carbazole
Concen: 3.357 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:167 Resp: 132943

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.5	26.3
139	14.3	10.6	16.0

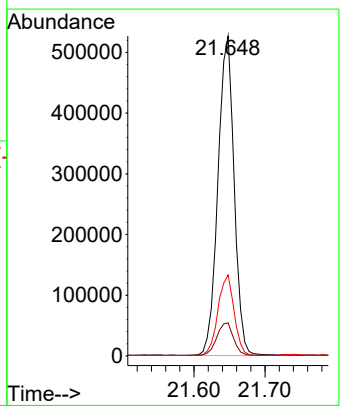


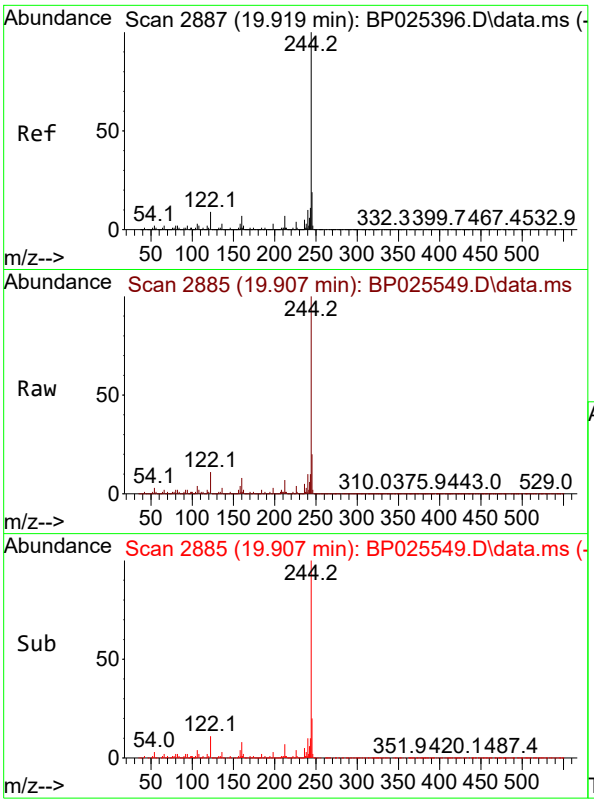


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:240 Resp: 830183

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.3	19.8	29.8



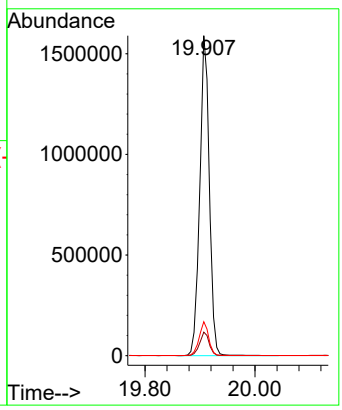


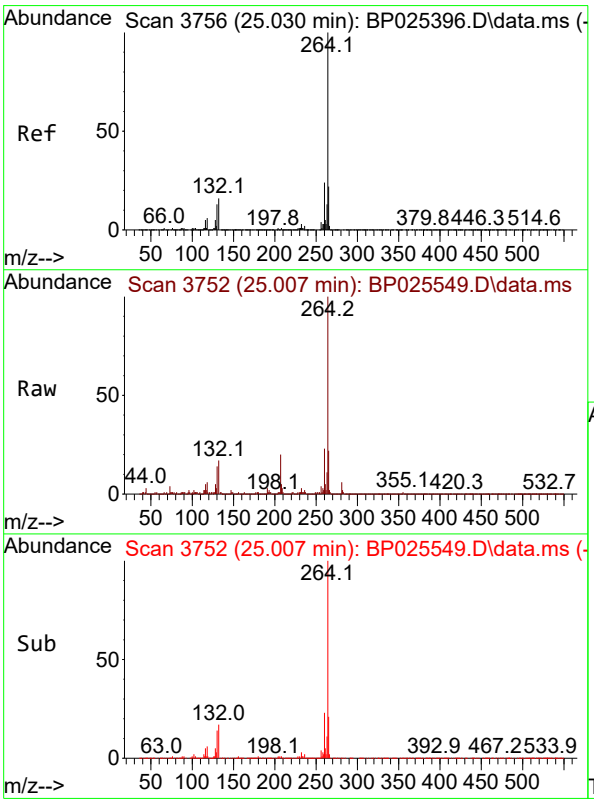
#79
Terphenyl-d14
Concen: 42.345 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Instrument :
BNA_P
ClientSampleId :
MW-18A-081925

Tgt Ion:244 Resp: 1921425

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.6	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3752
Delta R.T. -0.024 min
Lab File: BP025549.D
Acq: 22 Aug 2025 14:54

Tgt Ion:264 Resp: 978534

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	22.3	17.4	26.0