Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025604.D
Acq On : 27 Aug 2025 15:41
Operator : CG/JU
Sample : Q2936-02DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Quant Time: Aug 27 16:02:59 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	7.772	152	151725	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	613134	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	392479	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	797526	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	898906	20.000	ng	-0.01
86) Perylene-d12	25.024	264	1044774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	31061	3.400	ng	0.00
7) Phenol-d6	6.966	99	22977	1.962	ng	0.00
23) Nitrobenzene-d5	8.919	82	42994	3.547	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	33533	6.348	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	112477	3.917	ng	-0.02
79) Terphenyl-d14	19.907	244	200178	4.074	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.731	122	23444	2.452	ng	95
31) Naphthalene	10.596	128	5863129	183.982	ng	100
37) 2-Methylnaphthalene	12.195	142	188858	9.107	ng	100
38) 1-Methylnaphthalene	12.419	142	320842	14.547	ng	97
52) Acenaphthene	14.448	154	136537	6.335	ng	99

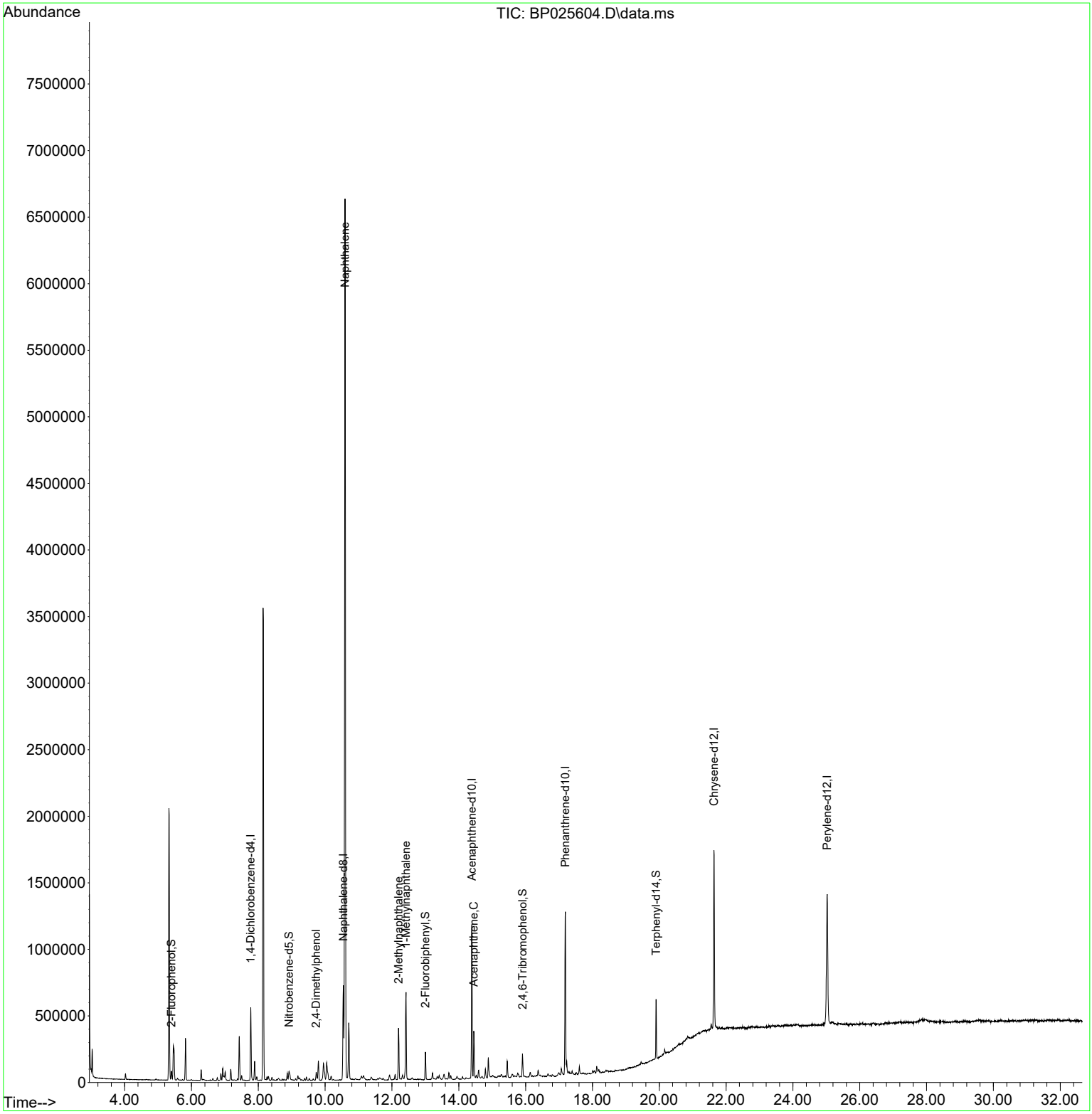
(#) = qualifier out of range (m) = manual integration (+) = signals summed

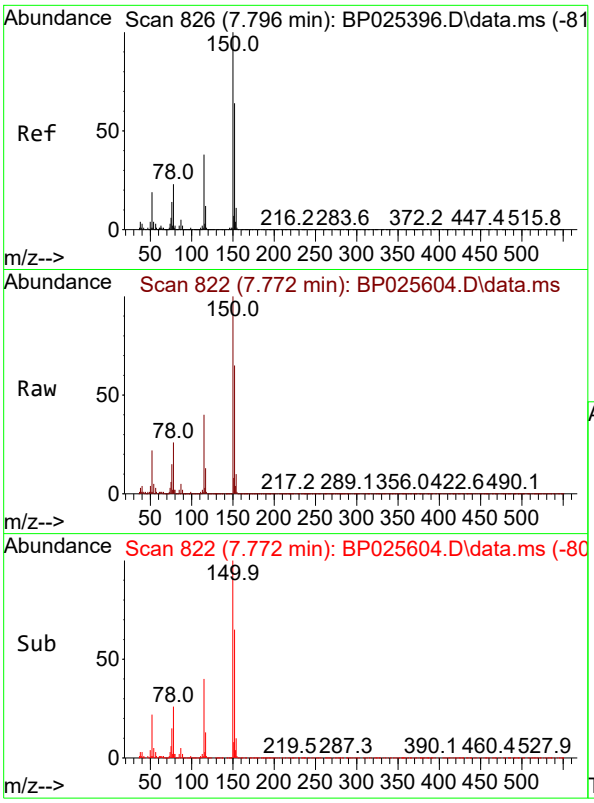
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025604.D
Acq On : 27 Aug 2025 15:41
Operator : CG/JU
Sample : Q2936-02DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Quant Time: Aug 27 16:02:59 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



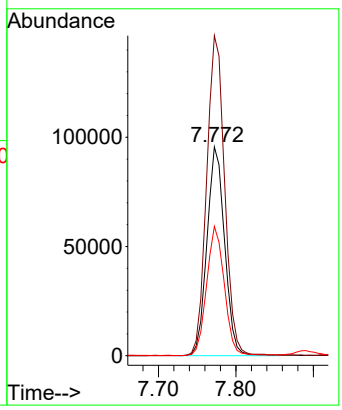


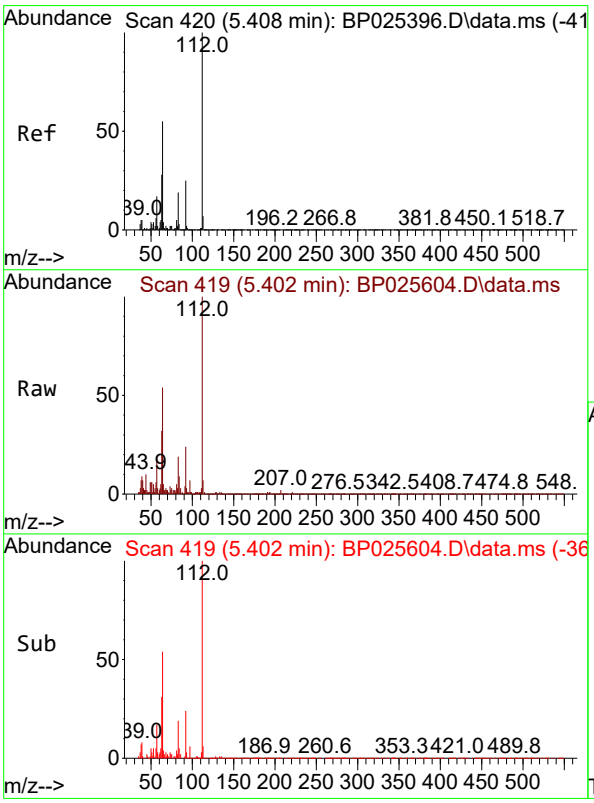
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:152 Resp: 151725

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.9	188.9
115	61.9	48.5	72.7

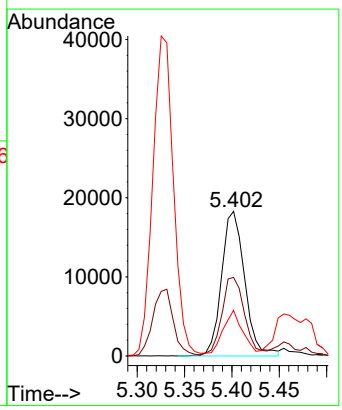


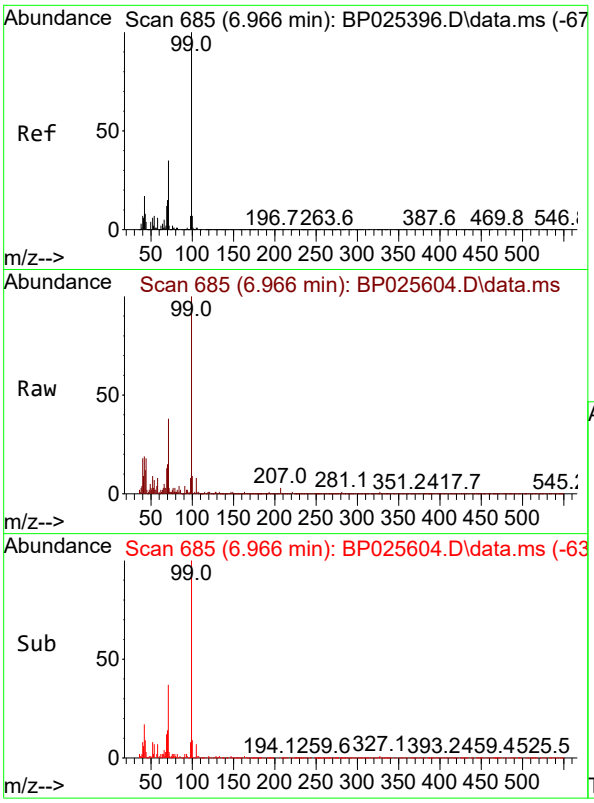


#5
2-Fluorophenol
Concen: 3.400 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:112 Resp: 31061

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.8	65.8
63	31.5	22.7	34.1



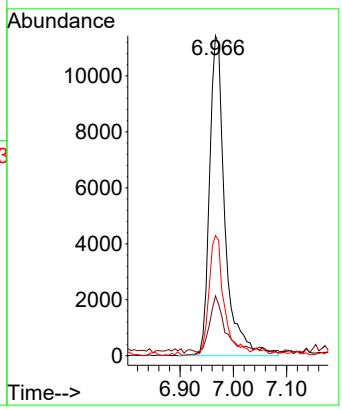


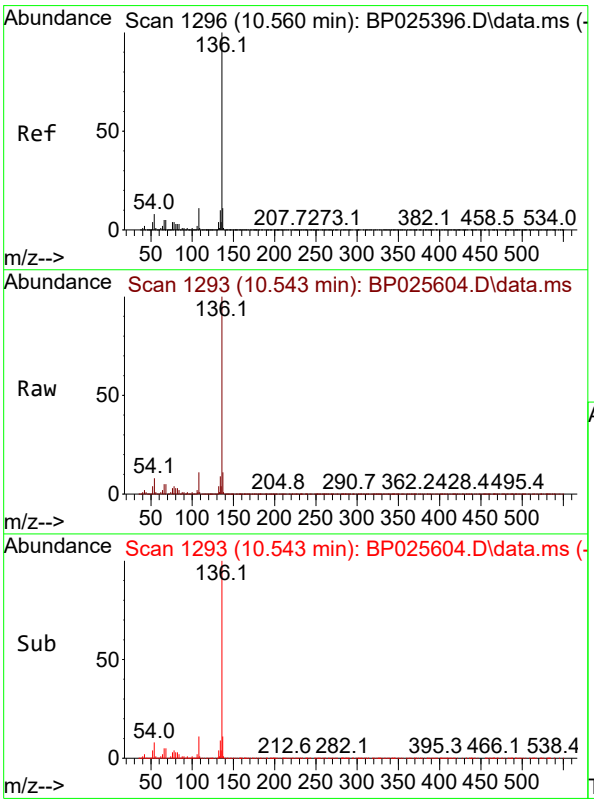
#7
Phenol-d6
Concen: 1.962 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion: 99 Resp: 22977

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	37.6	28.2	42.4

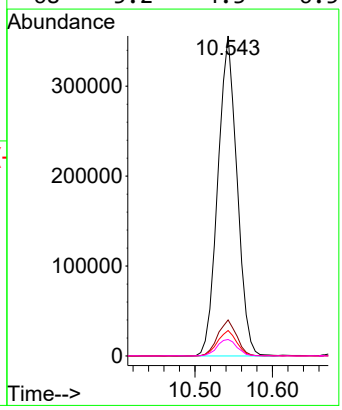


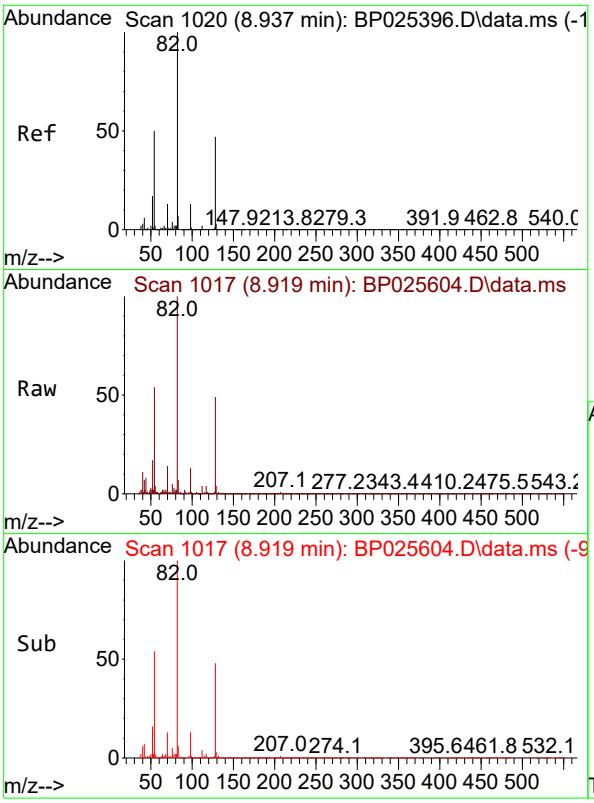


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:136 Resp: 613134

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.0	6.0	9.0
68	5.2	4.3	6.5



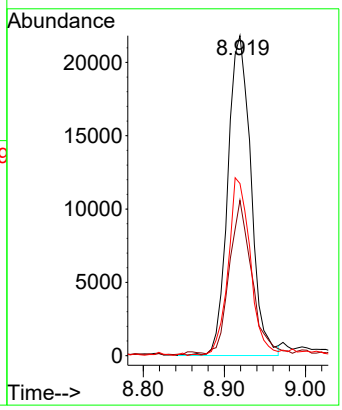


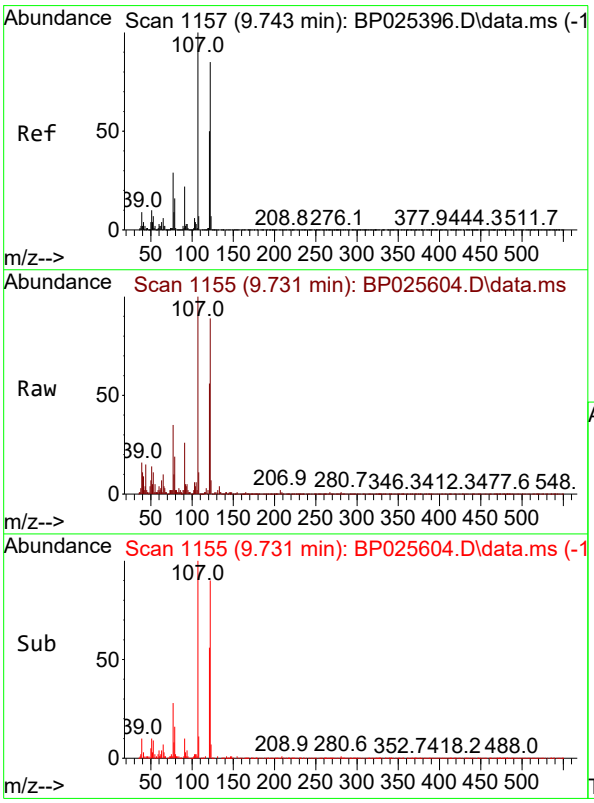
#23
Nitrobenzene-d5
Concen: 3.547 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion: 82 Resp: 42994

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.7	56.5
54	53.8	39.8	59.6

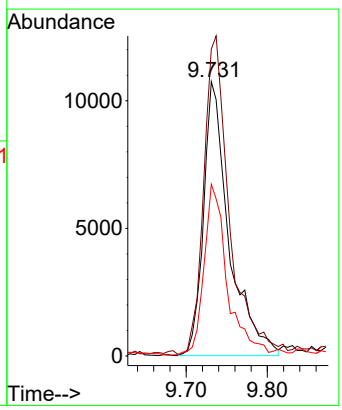


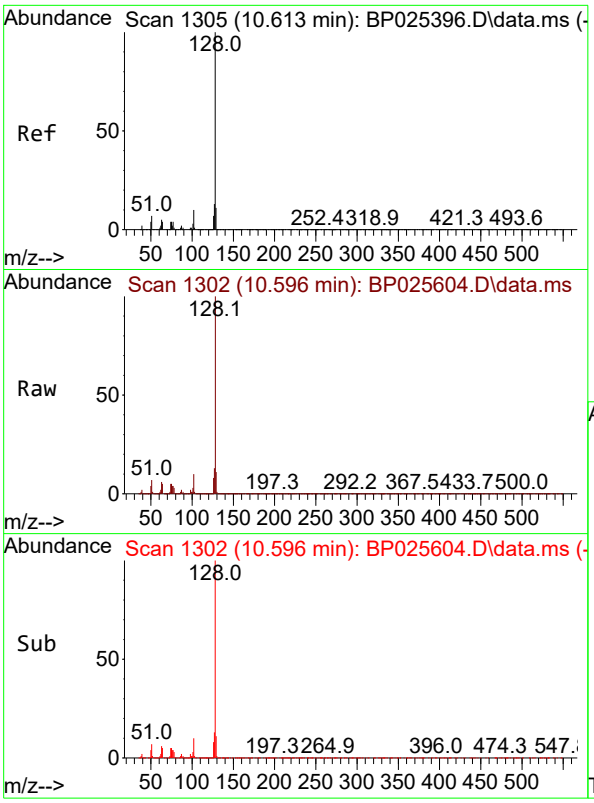


#27
2,4-Dimethylphenol
Concen: 2.452 ng
RT: 9.731 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:122 Resp: 23444

Ion	Ratio	Lower	Upper
122	100		
107	111.9	93.7	140.5
121	62.6	46.6	69.8



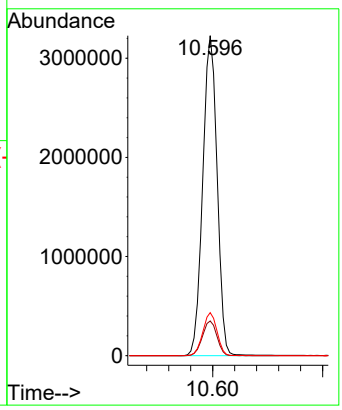


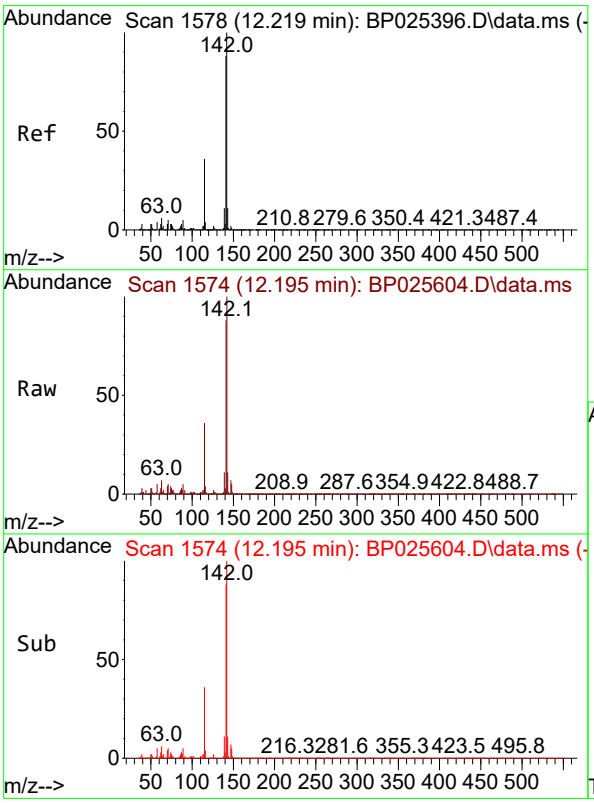
#31
Naphthalene
Concen: 183.982 ng
RT: 10.596 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:128 Resp: 5863129

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.5	10.7	16.1

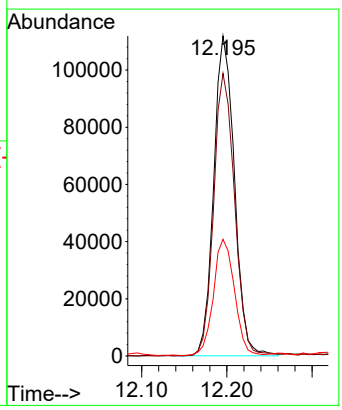


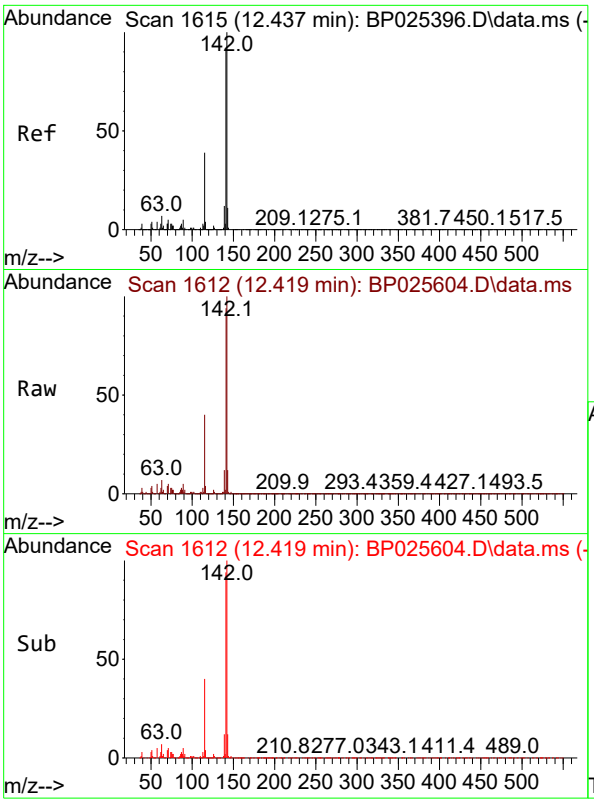


#37
2-Methylnaphthalene
Concen: 9.107 ng
RT: 12.195 min Scan# 1574
Delta R.T. -0.023 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:142 Resp: 188858

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	36.5	28.9	43.3



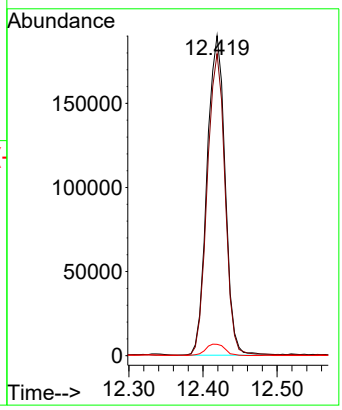


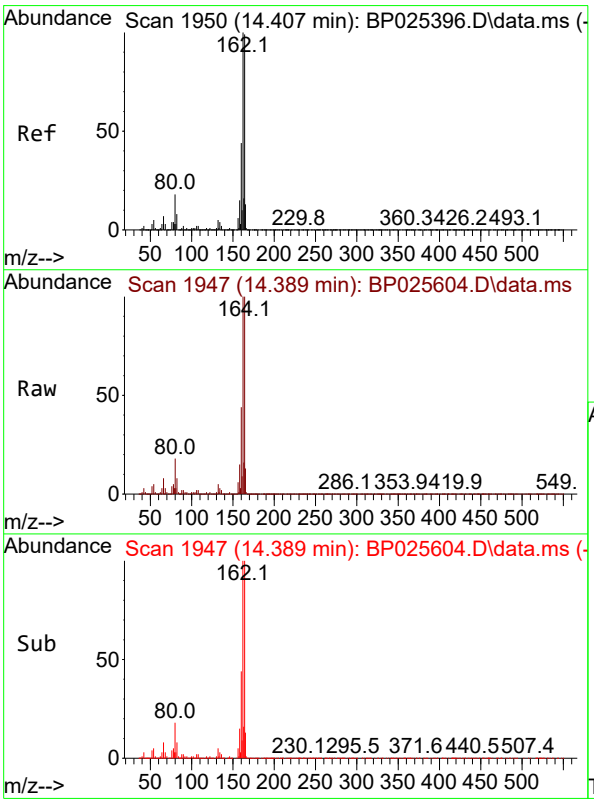
#38
1-Methylnaphthalene
Concen: 14.547 ng
RT: 12.419 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:142 Resp: 320842

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.1	109.7
116	3.6	3.2	4.8

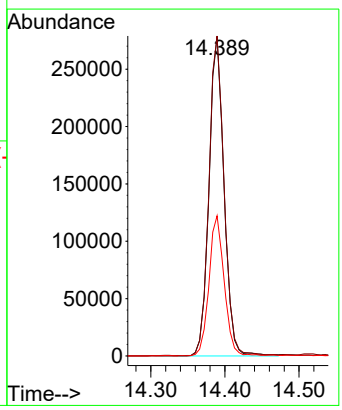


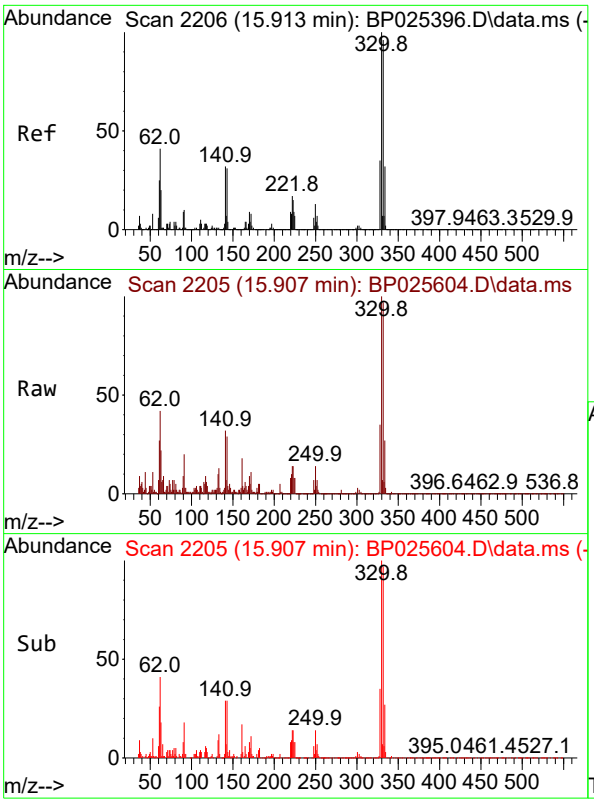


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:164 Resp: 392479

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.0	121.6
160	43.9	35.4	53.2



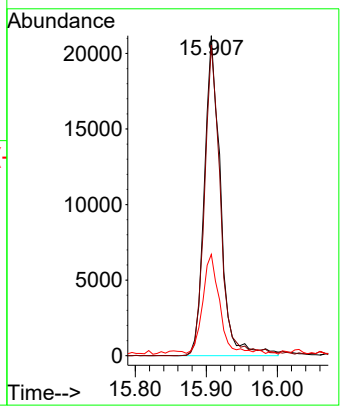


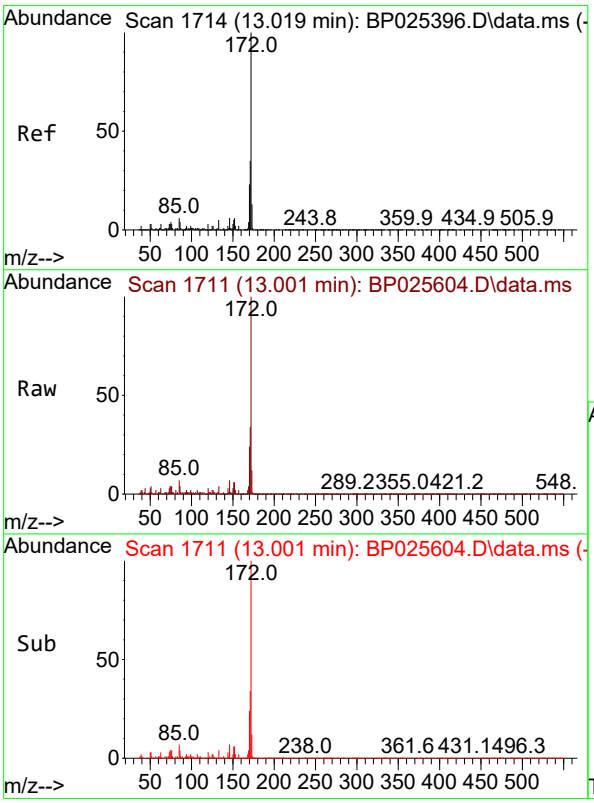
#42
2,4,6-Tribromophenol
Concen: 6.348 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:330 Resp: 33533

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	31.7	26.6	39.8

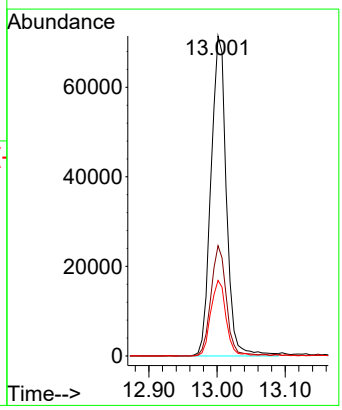


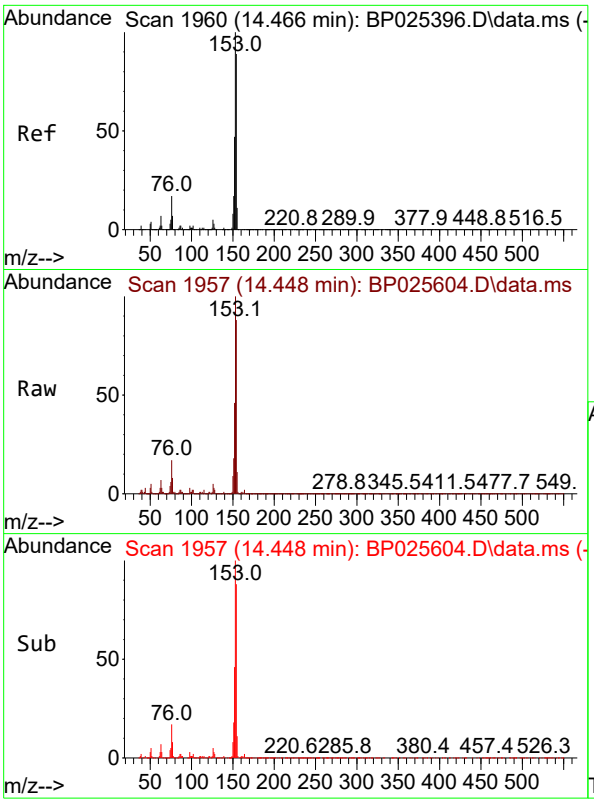


#45
2-Fluorobiphenyl
Concen: 3.917 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:172 Resp: 112477

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.6	18.6	28.0



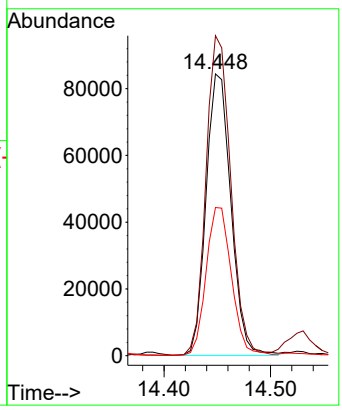


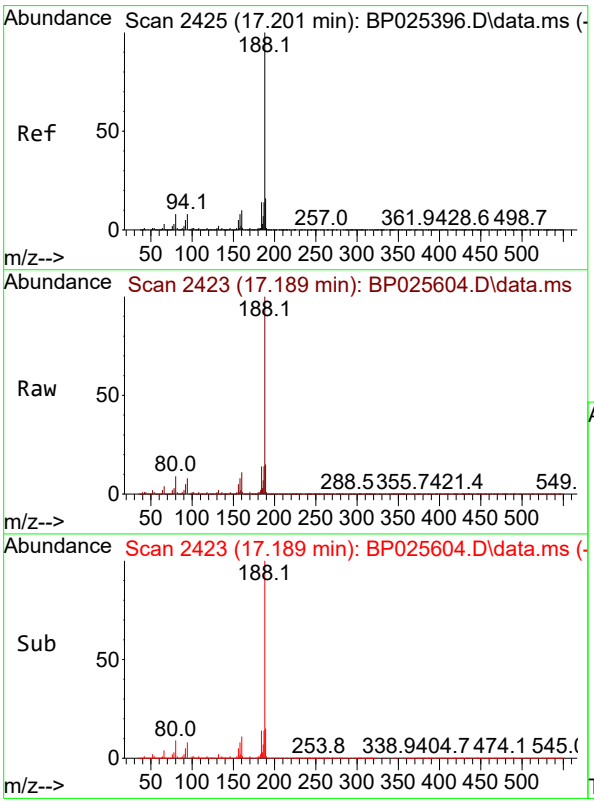
#52
Acenaphthene
Concen: 6.335 ng
RT: 14.448 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:154 Resp: 136537

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.2	135.2
152	52.6	42.1	63.1

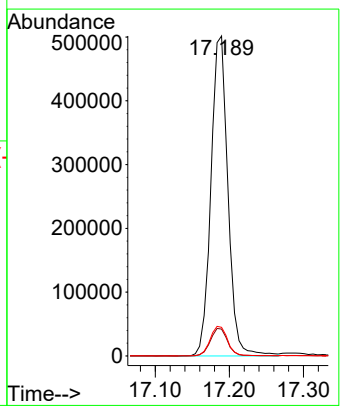


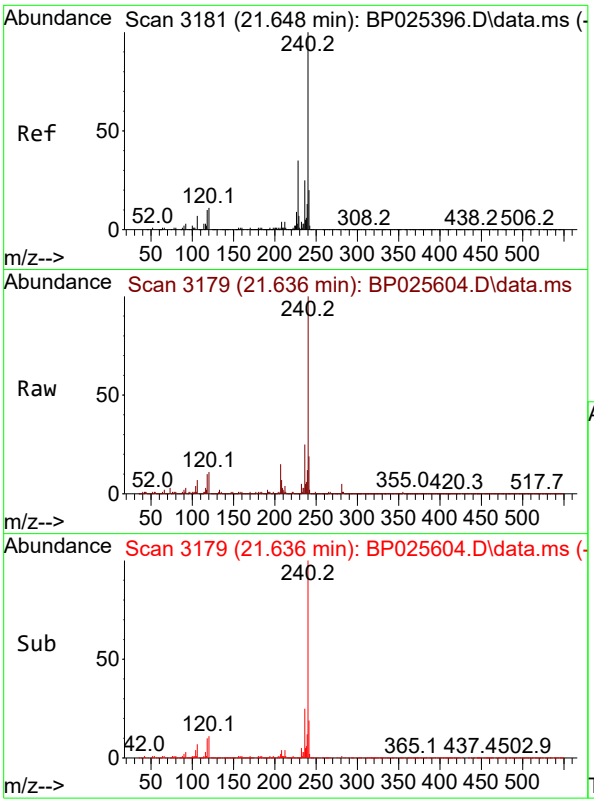


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:188 Resp: 797526

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	9.0	6.7	10.1



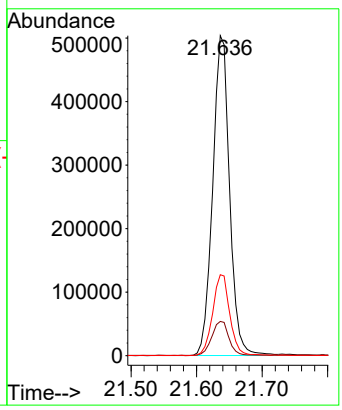


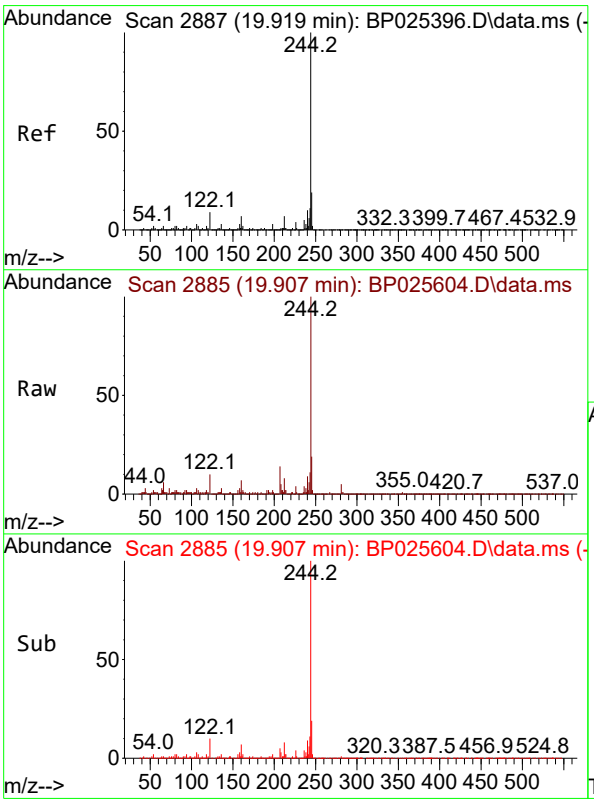
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:240 Resp: 898906

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.3	19.8	29.8

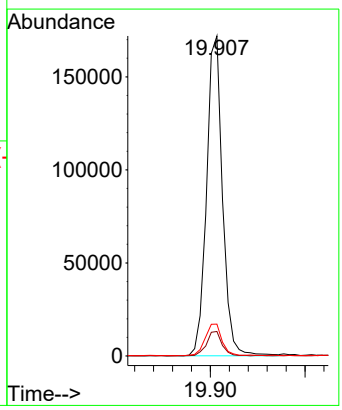


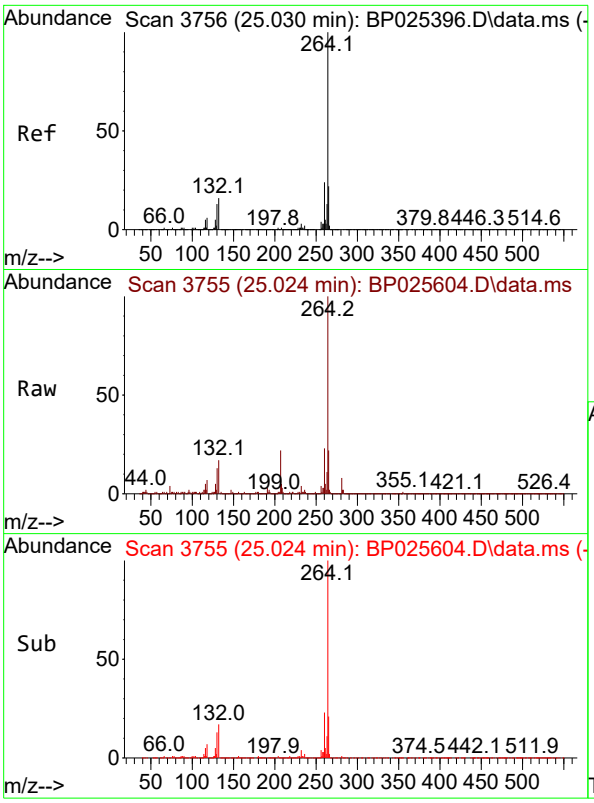


#79
Terphenyl-d14
Concen: 4.074 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:244 Resp: 200178

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	10.0	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

Tgt Ion:264 Resp: 1044774

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	22.0	17.4	26.0