Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025607.D
Acq On : 27 Aug 2025 17:44
Operator : CG/JU
Sample : Q2924-02DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Quant Time: Aug 27 18:11:38 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	147420	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	575398	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	352604	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	694303	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	837318	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1049342	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	28294	3.187	ng	0.00
7) Phenol-d6	6.966	99	18121	1.592	ng	0.00
23) Nitrobenzene-d5	8.913	82	43834	3.854	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	27078	5.705	ng	0.00
45) 2-Fluorobiphenyl	12.995	172	107008	4.148	ng	-0.02
79) Terphenyl-d14	19.907	244	176311	3.852	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.601	128	8491335	283.928	ng	99
37) 2-Methylnaphthalene	12.201	142	567991	29.184	ng	99
38) 1-Methylnaphthalene	12.419	142	373125	18.028	ng	98
49) Acenaphthylene	14.113	152	288909	8.758	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
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Misc :
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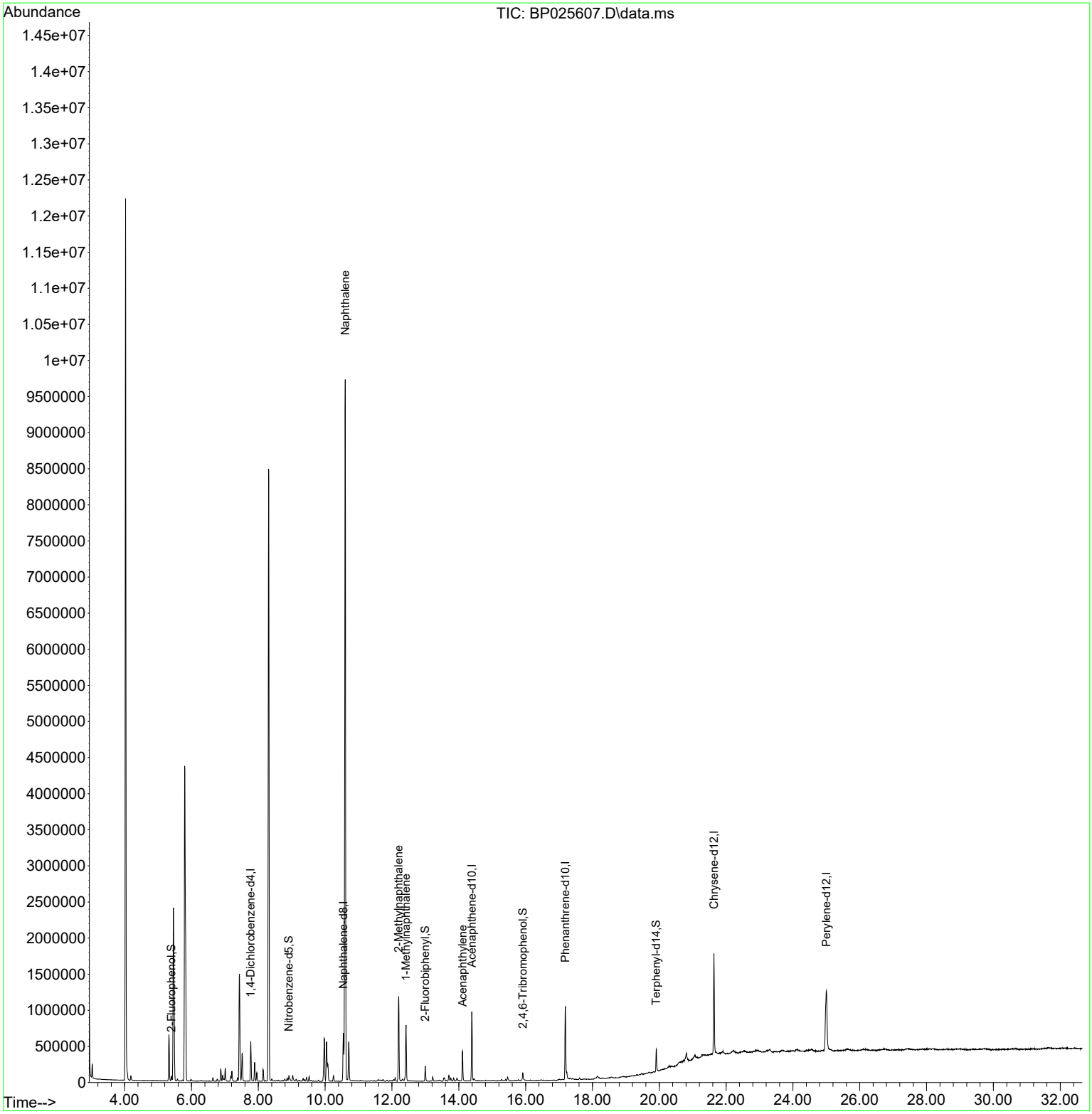
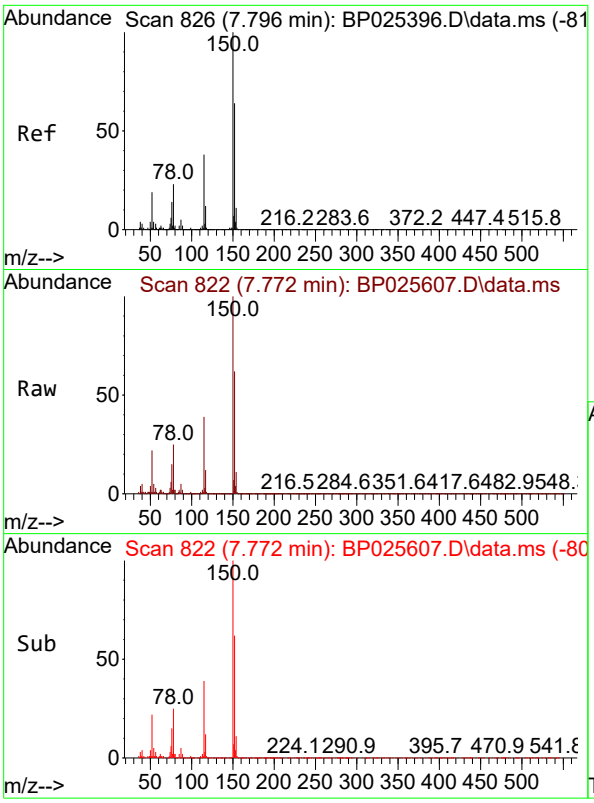


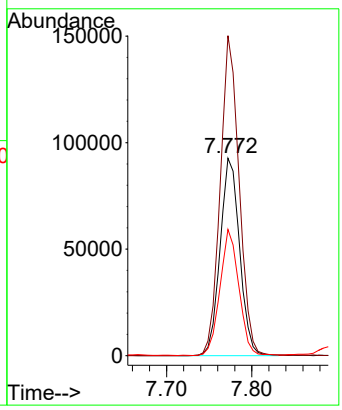


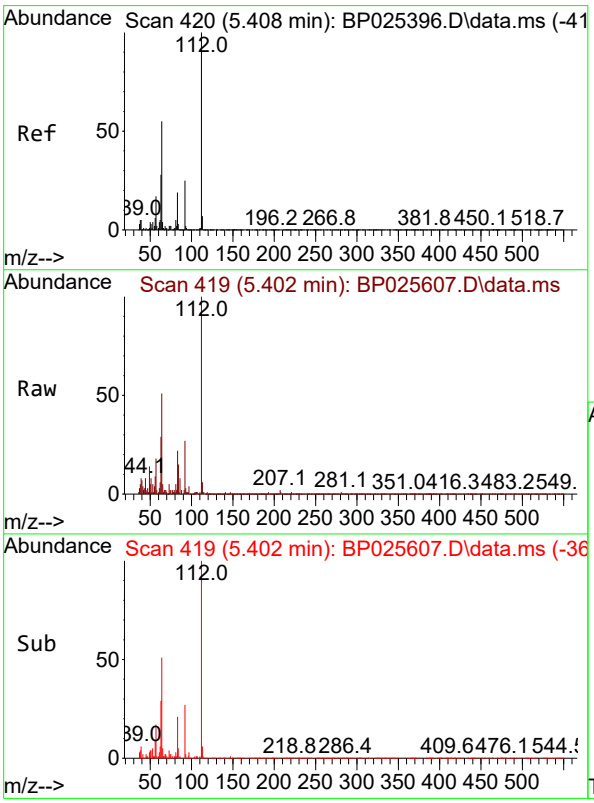
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:152 Resp: 147420

Ion	Ratio	Lower	Upper
152	100		
150	162.1	125.9	188.9
115	63.9	48.5	72.7

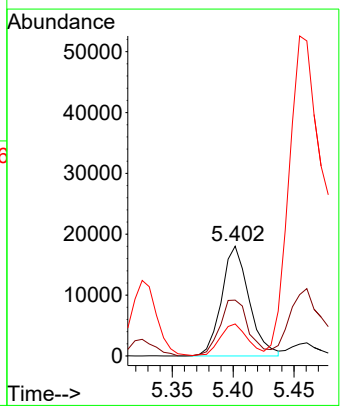


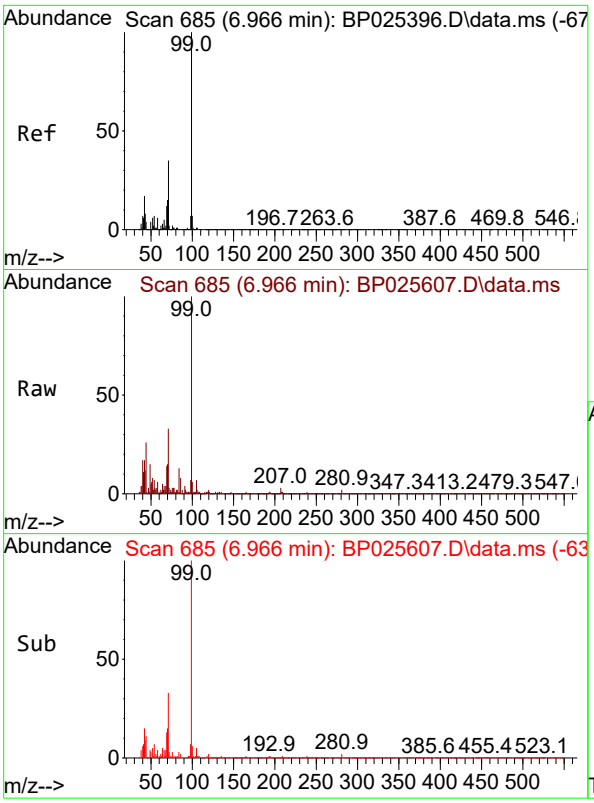


#5
2-Fluorophenol
Concen: 3.187 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:112 Resp: 28294

Ion	Ratio	Lower	Upper
112	100		
64	50.9	43.8	65.8
63	29.1	22.7	34.1



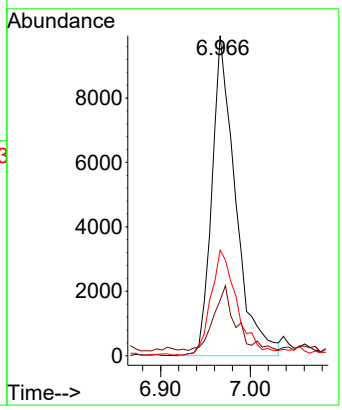


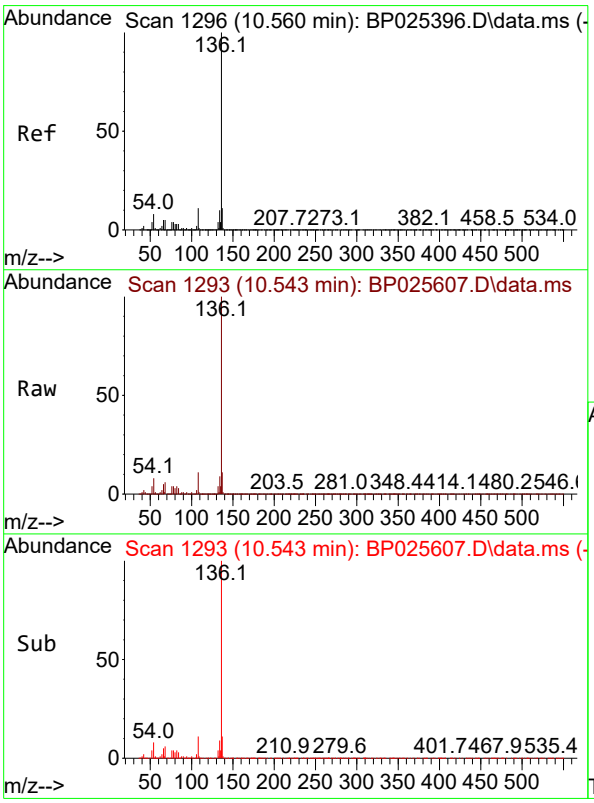
#7
Phenol-d6
Concen: 1.592 ng
RT: 6.966 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion: 99 Resp: 18121

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	32.9	28.2	42.4

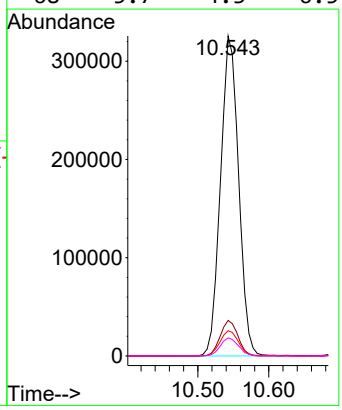


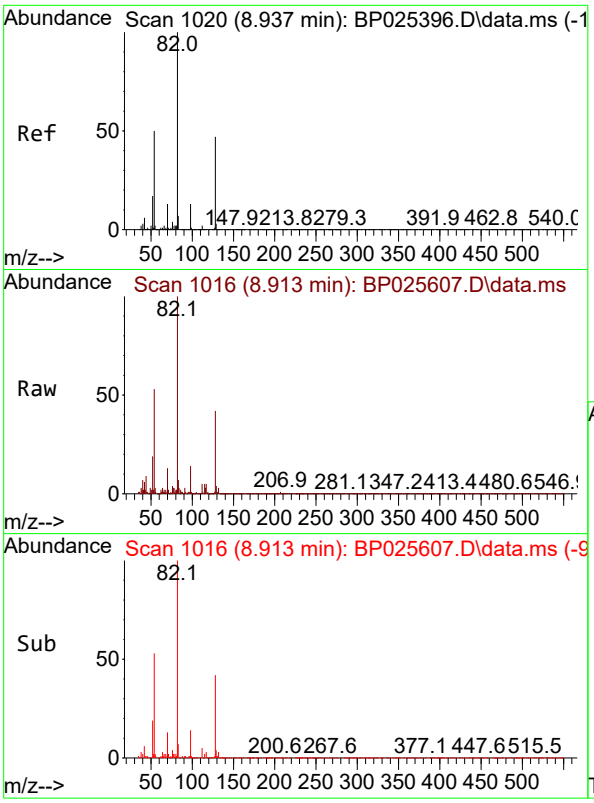


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:136 Resp: 575398

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.9	6.0	9.0
68	5.7	4.3	6.5



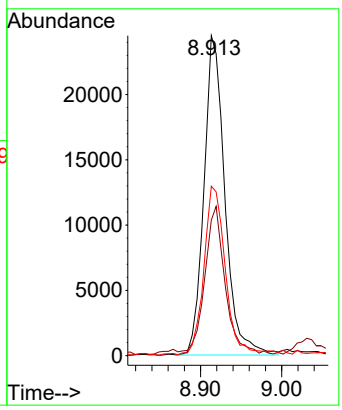


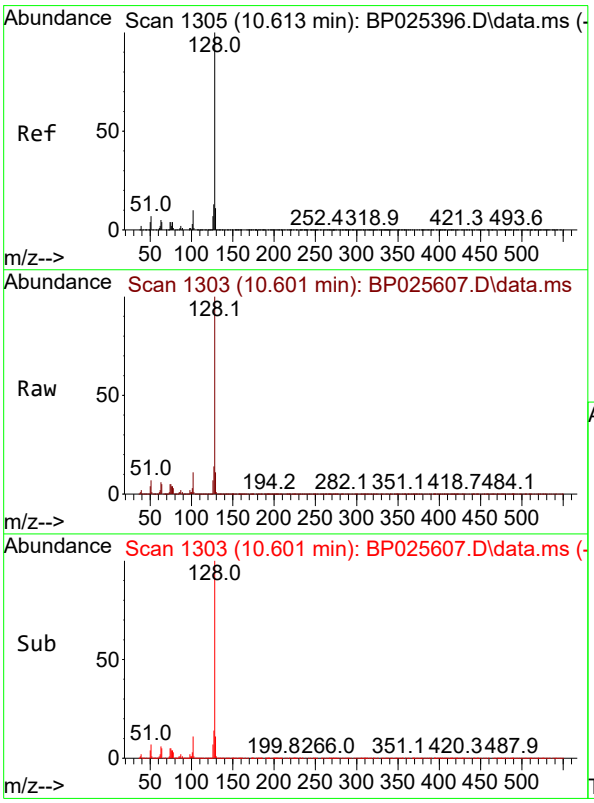
#23
Nitrobenzene-d5
Concen: 3.854 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion: 82 Resp: 43834

Ion	Ratio	Lower	Upper
82	100		
128	42.4	37.7	56.5
54	53.0	39.8	59.6

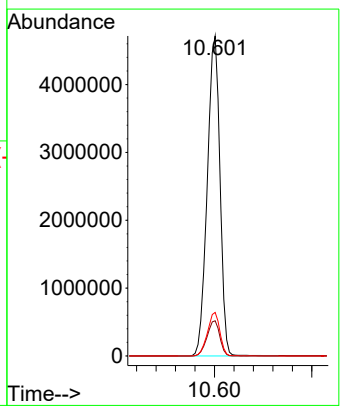


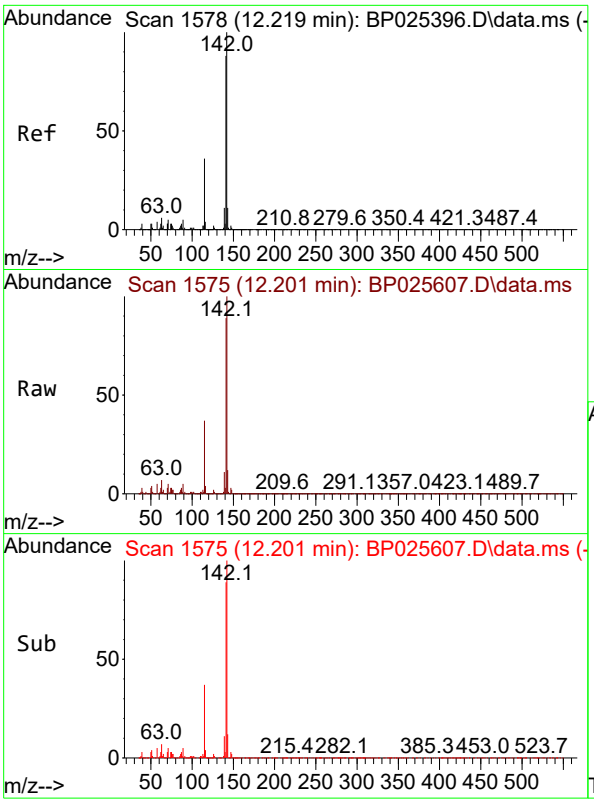


#31
Naphthalene
Concen: 283.928 ng
RT: 10.601 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:128 Resp: 8491335

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.6	10.7	16.1



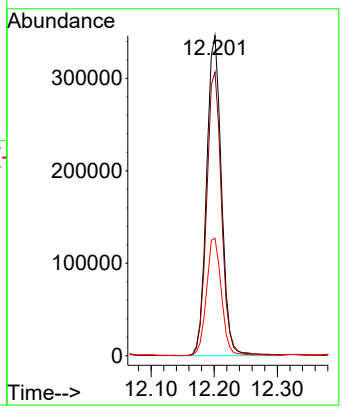


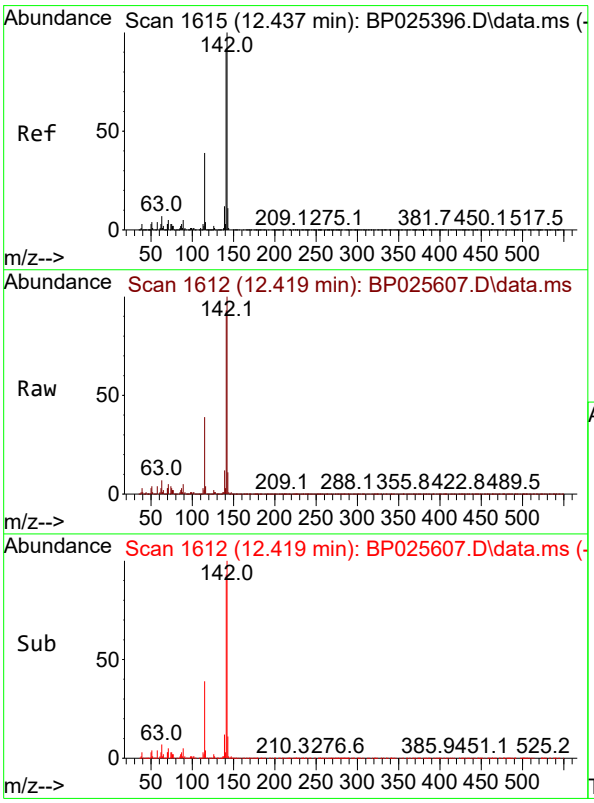
#37
2-Methylnaphthalene
Concen: 29.184 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:142 Resp: 567991

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	36.7	28.9	43.3

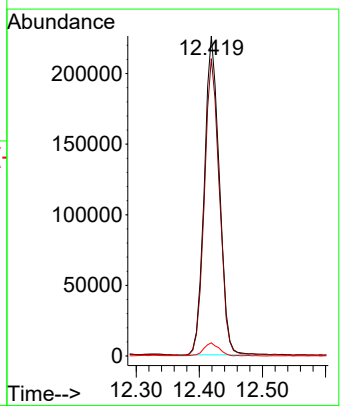


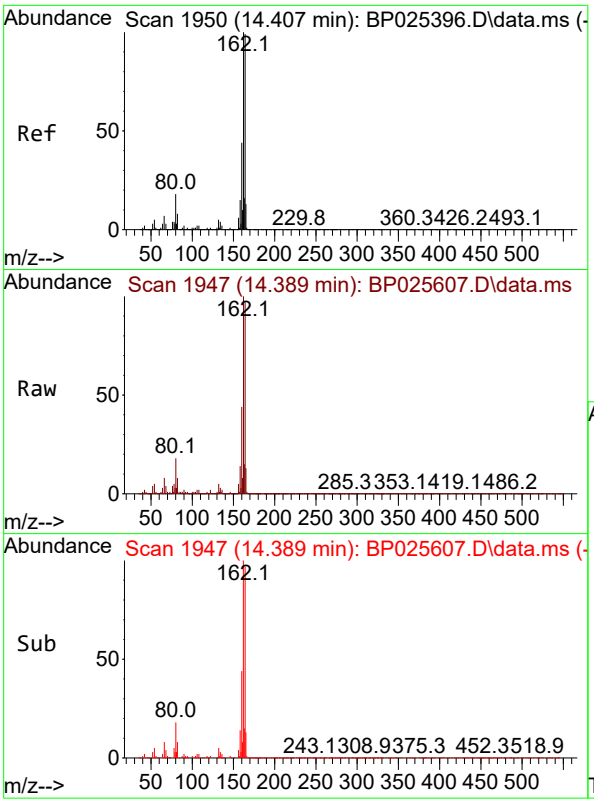


#38
1-Methylnaphthalene
Concen: 18.028 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:142 Resp: 373125

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.1	109.7
116	4.1	3.2	4.8



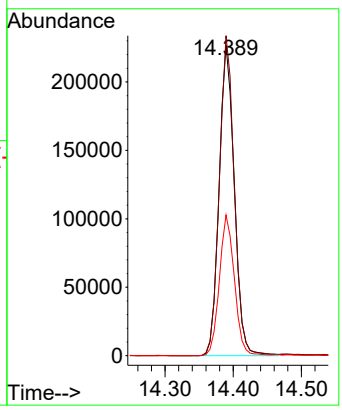


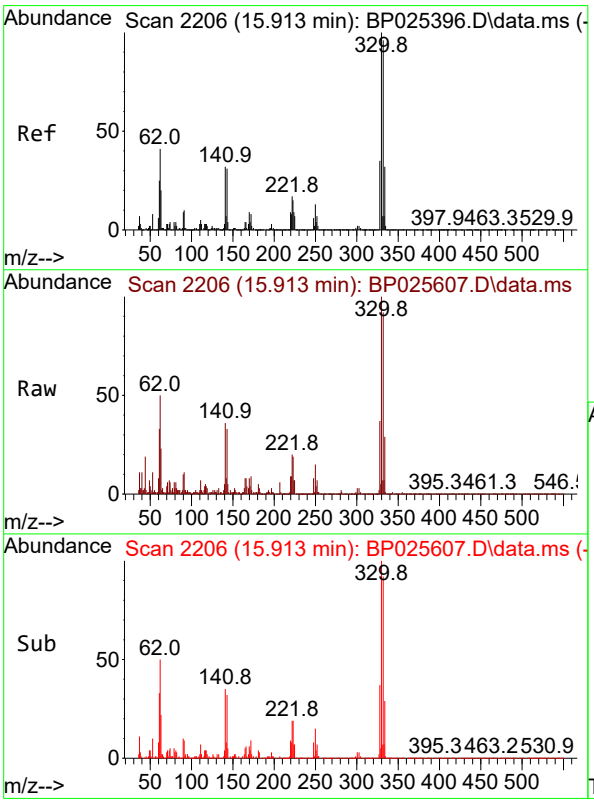
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:164 Resp: 352604

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.0	121.6
160	45.3	35.4	53.2

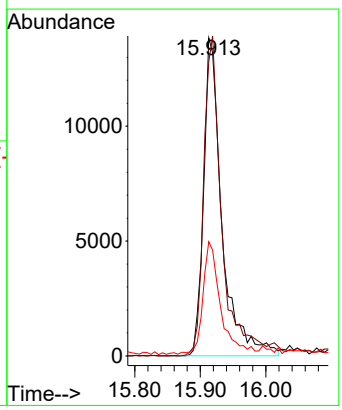


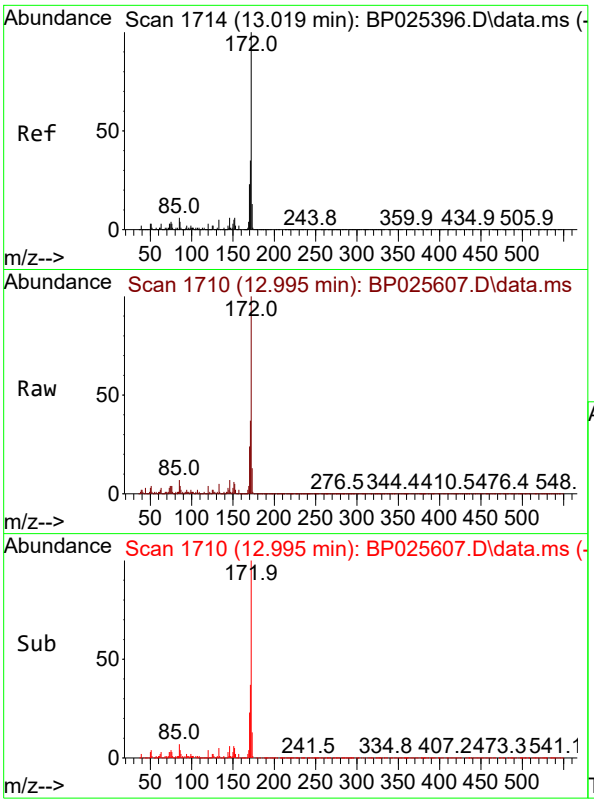


#42
2,4,6-Tribromophenol
Concen: 5.705 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:330 Resp: 27078

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	33.4	26.6	39.8



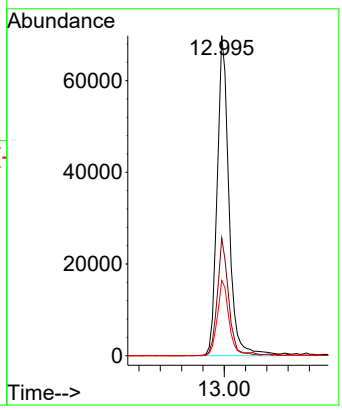


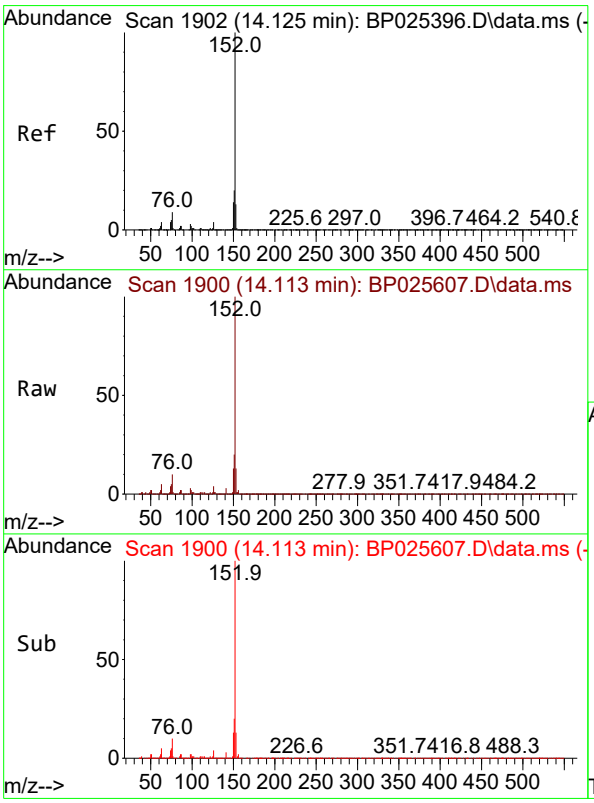
#45
2-Fluorobiphenyl
Concen: 4.148 ng
RT: 12.995 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:172 Resp: 107008

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.1	42.1
170	23.5	18.6	28.0

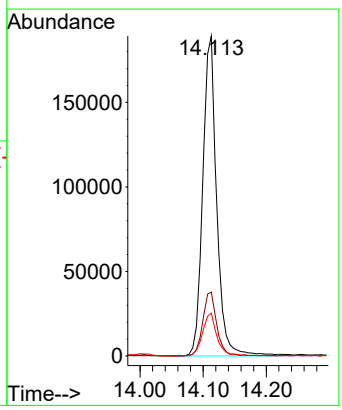


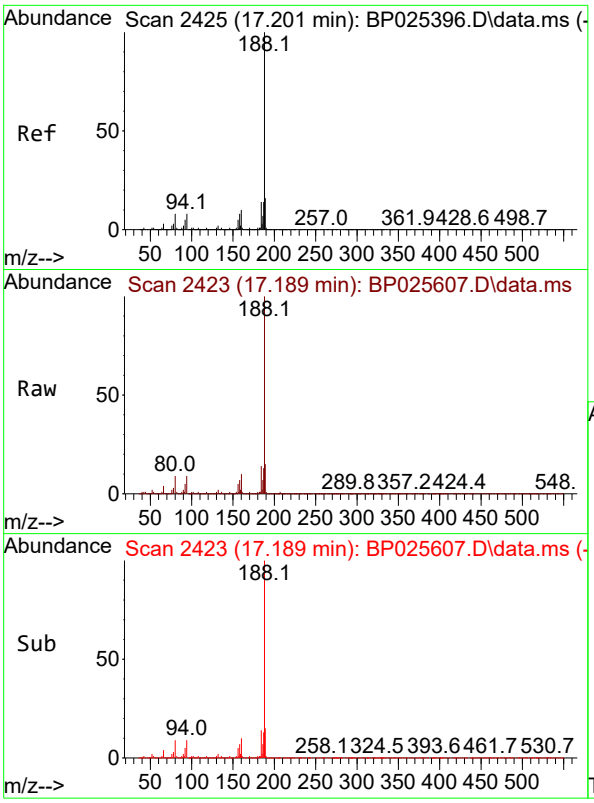


#49
Acenaphthylene
Concen: 8.758 ng
RT: 14.113 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:152 Resp: 288909

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.3	10.6	15.8



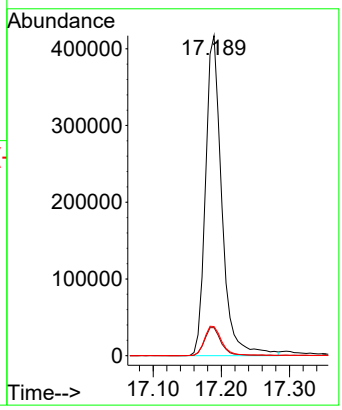


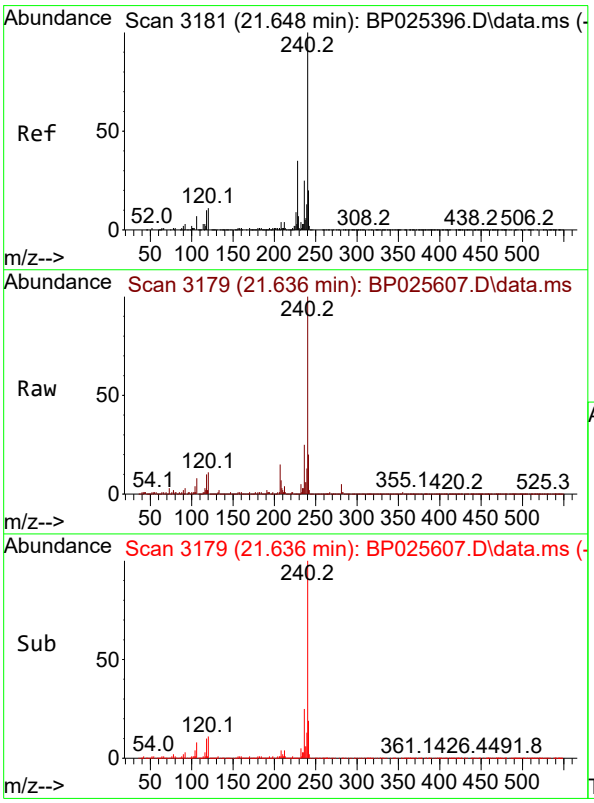
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:188 Resp: 694303

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	6.7	10.1

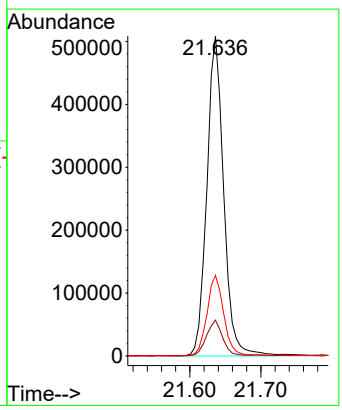


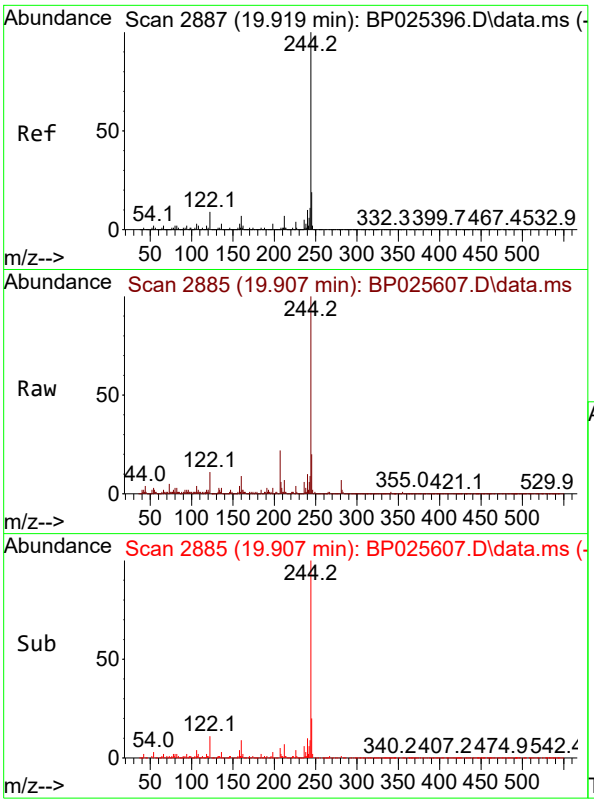


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:240 Resp: 837318

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.2	19.8	29.8



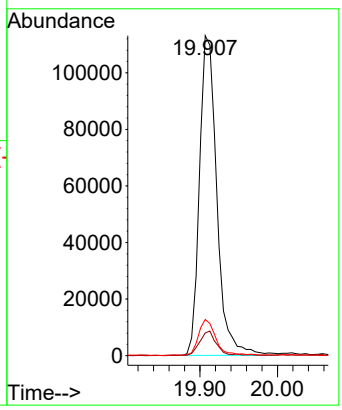


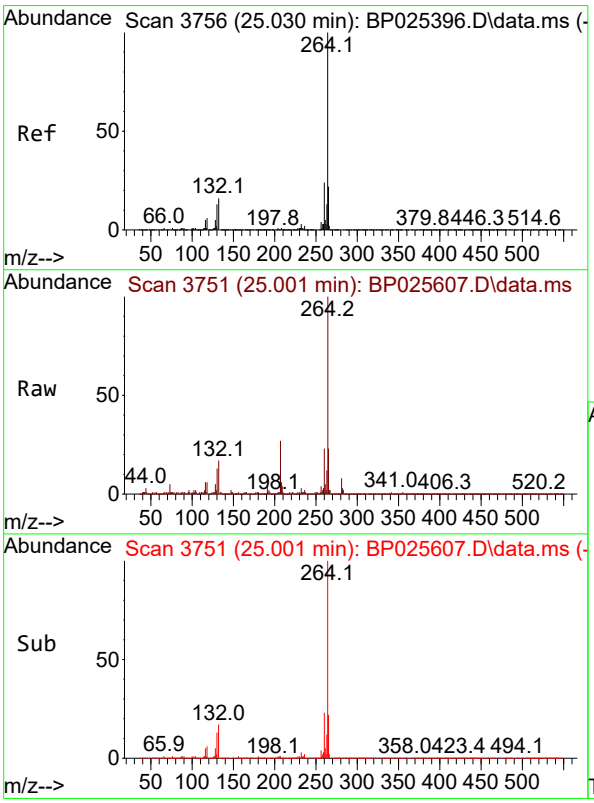
#79
Terphenyl-d14
Concen: 3.852 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

Tgt Ion:244 Resp: 176311

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	11.3	7.4	11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:264 Resp: 1049342

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	22.6	17.4	26.0