Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050406.D
Acq On : 11 Jul 2025 10:09
Operator : RC/JU
Sample : PB168787BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168787BL

Quant Time: Jul 11 11:18:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	534059	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1904372	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1147168	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2066785	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1707427	20.000	ng	0.00
86) Perylene-d12	24.491	264	1735951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	4480710	144.417	ng	0.00
7) Phenol-d6	7.022	99	5526733	141.306	ng	0.00
23) Nitrobenzene-d5	9.016	82	3238003	86.746	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	2129653	152.793	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	8168272	87.932	ng	0.00
79) Terphenyl-d14	19.839	244	10401621	107.186	ng	0.00
Target Compounds						Qvalue

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

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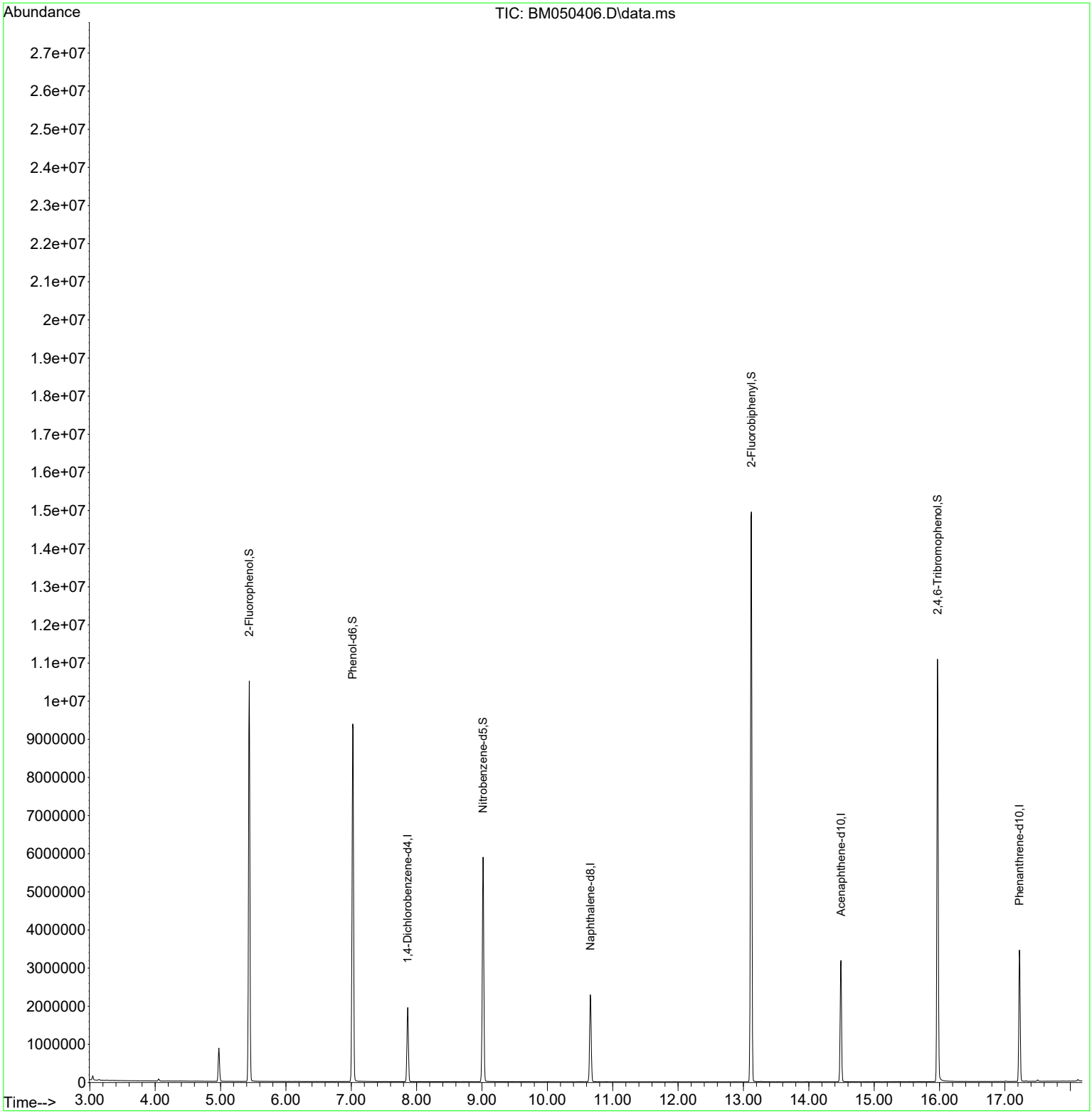

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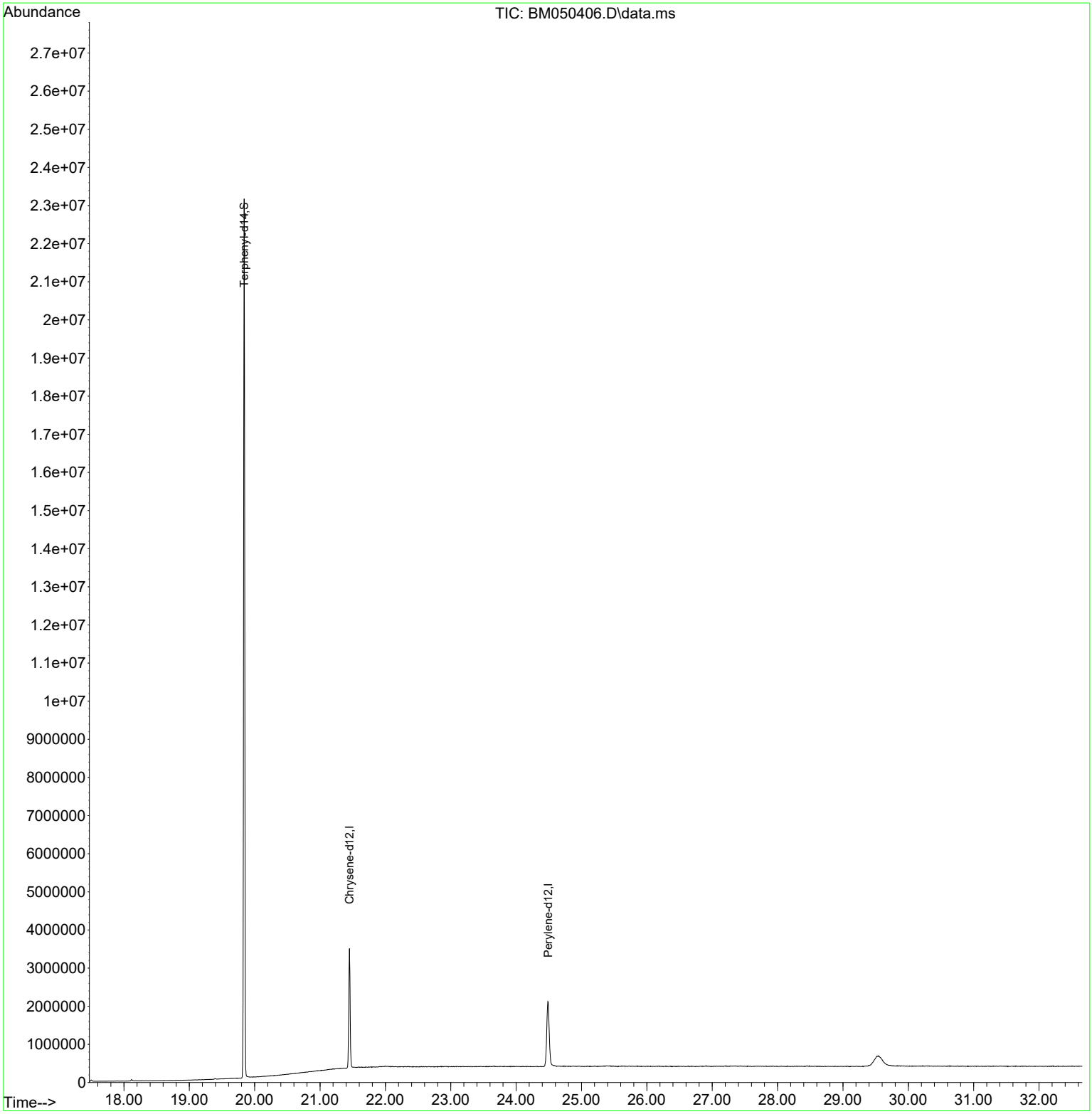
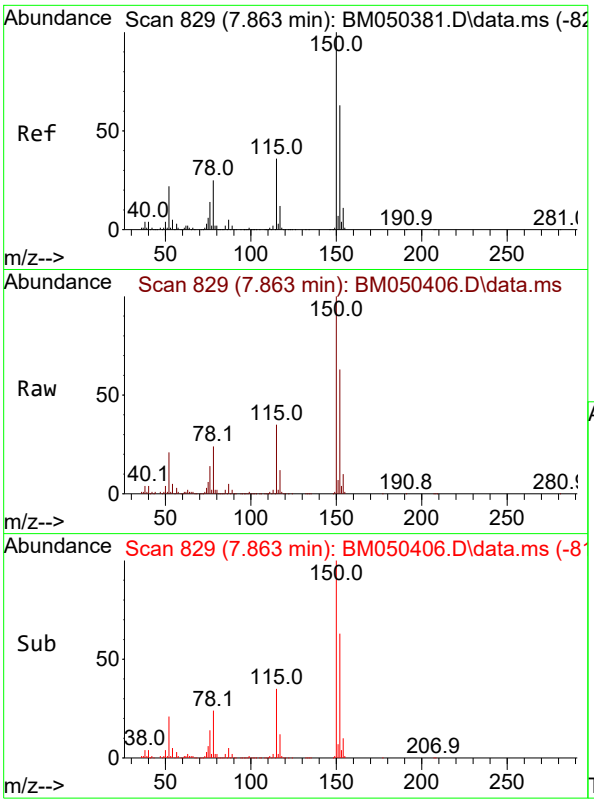


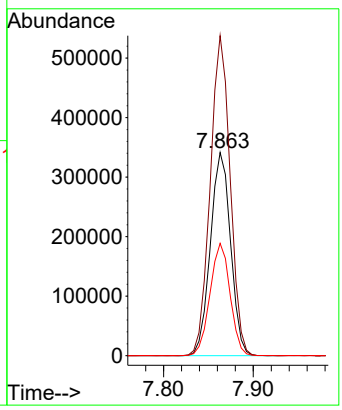


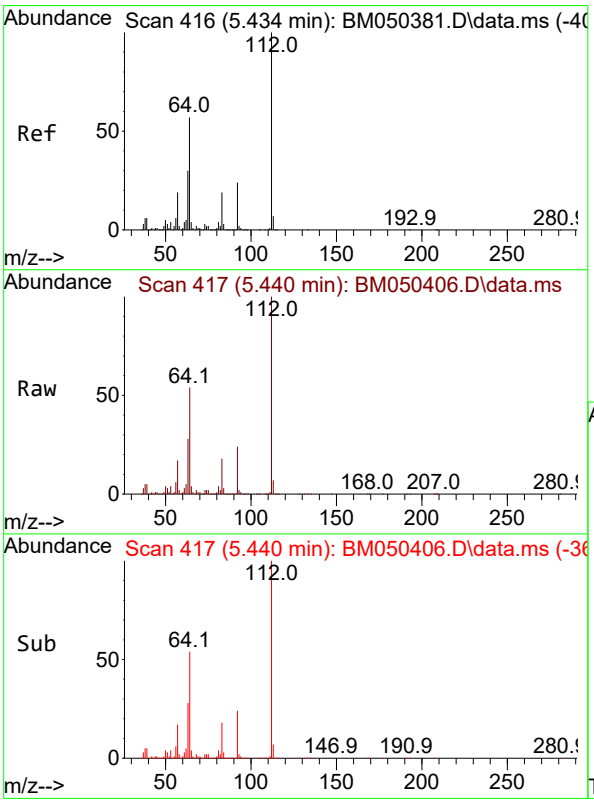
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Instrument :
BNA_M
ClientSampleId :
PB168787BL

Tgt Ion:152 Resp: 534059

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.4
115	55.3	45.8	68.8

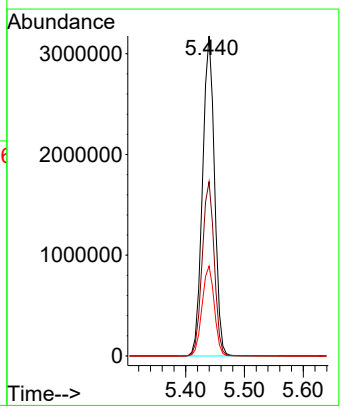


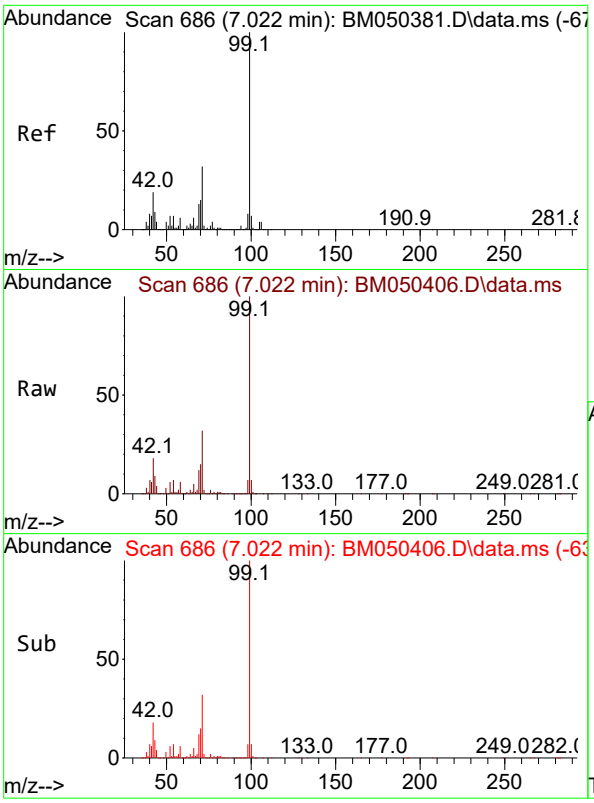


#5
2-Fluorophenol
Concen: 144.417 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Tgt Ion:112 Resp: 4480710

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.5	68.3
63	28.1	24.2	36.4



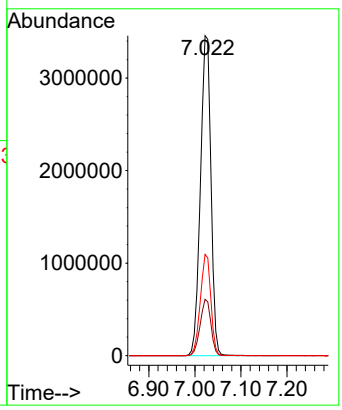


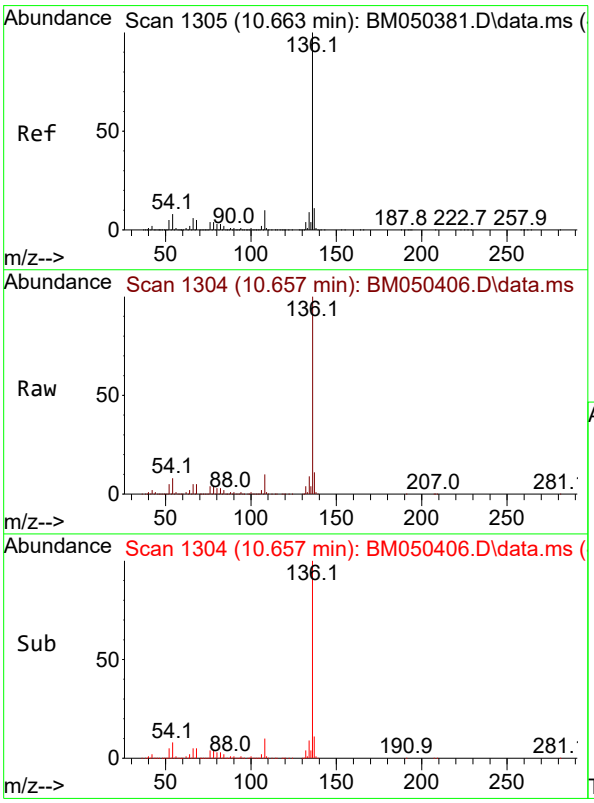
#7
Phenol-d6
Concen: 141.306 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Instrument :
BNA_M
ClientSampleId :
PB168787BL

Tgt Ion: 99 Resp: 5526733

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.6
71	31.7	25.9	38.9

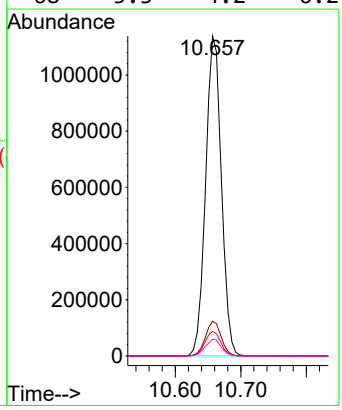


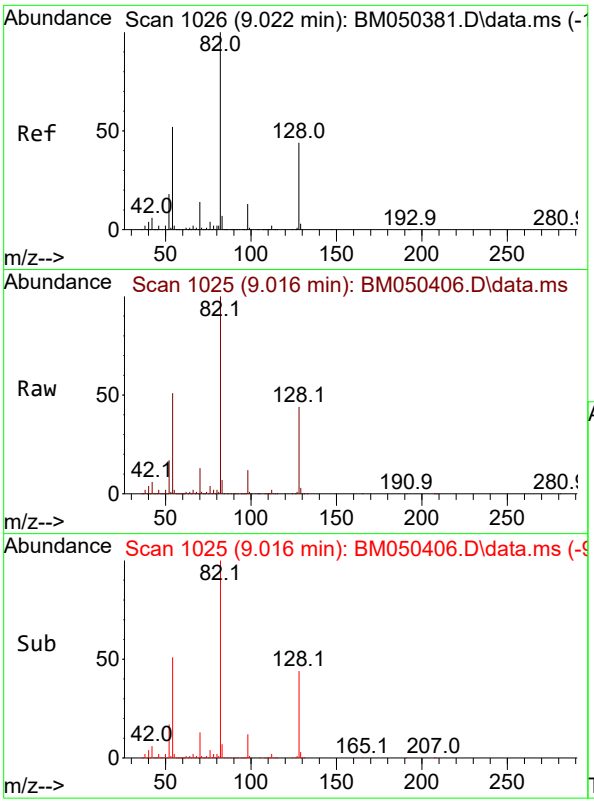


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Tgt Ion:136 Resp: 1904372

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.3	4.2	6.2



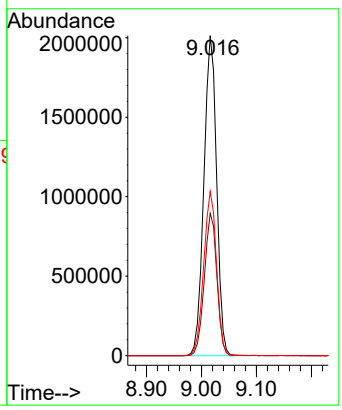


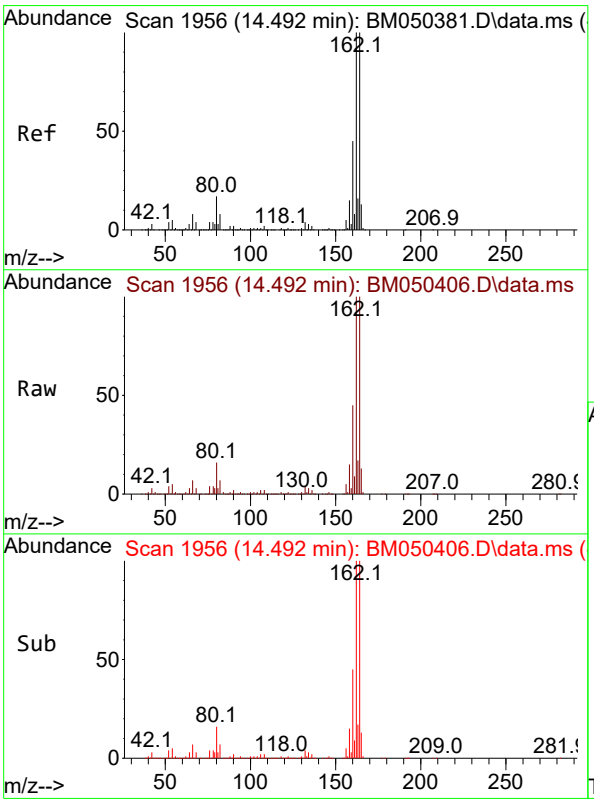
#23
Nitrobenzene-d5
Concen: 86.746 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Instrument :
BNA_M
ClientSampleId :
PB168787BL

Tgt Ion: 82 Resp: 3238003

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.2	52.8
54	51.3	41.5	62.3

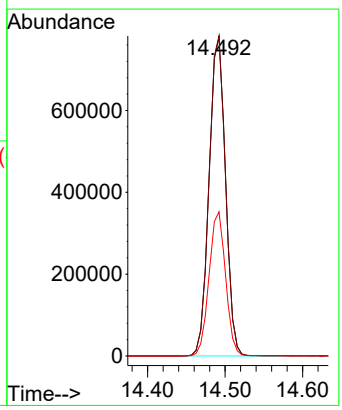


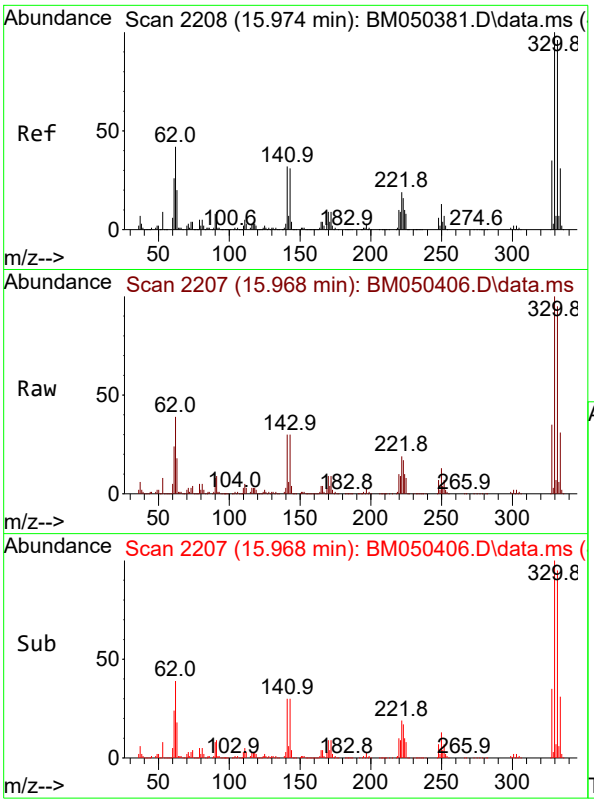


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Tgt Ion:164 Resp: 1147168

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.9	119.9
160	45.2	36.2	54.4



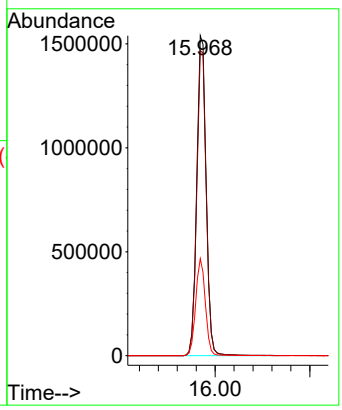


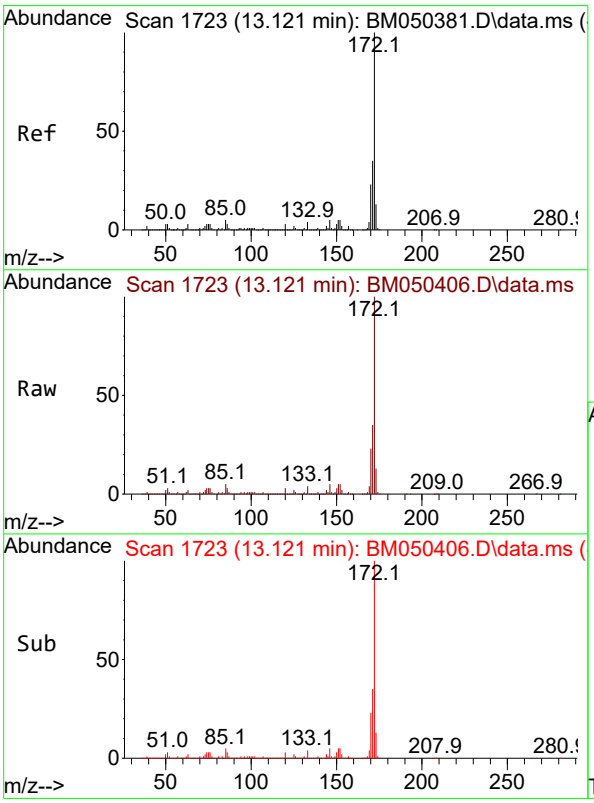
#42
2,4,6-Tribromophenol
Concen: 152.793 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Instrument :
BNA_M
ClientSampleId :
PB168787BL

Tgt Ion:330 Resp: 2129653

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	31.2	27.4	41.0

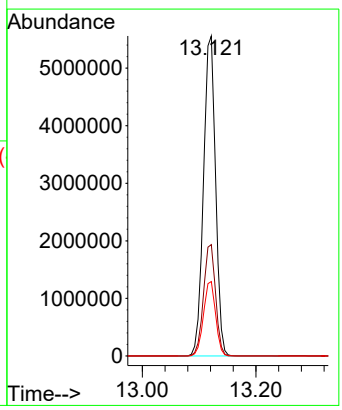


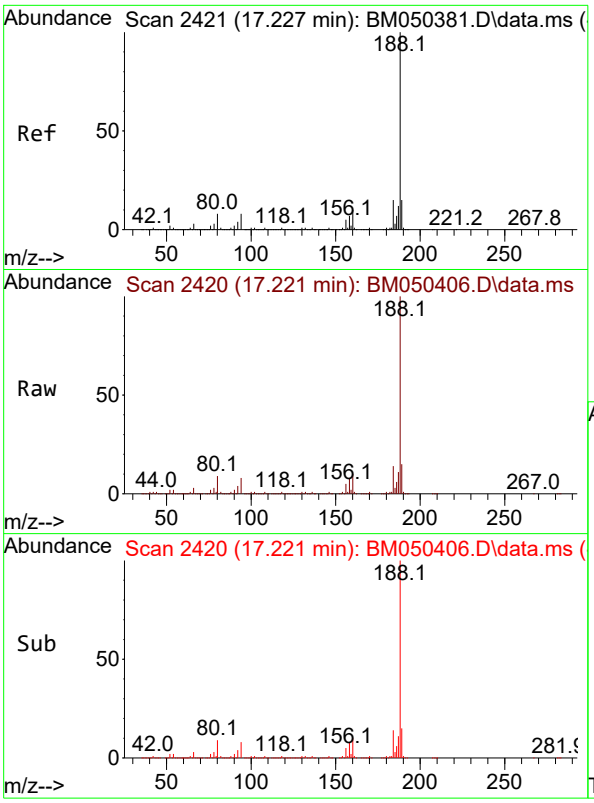


#45
2-Fluorobiphenyl
Concen: 87.932 ng
RT: 13.121 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Tgt Ion:172 Resp: 8168272

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.7	41.5
170	23.3	18.8	28.2



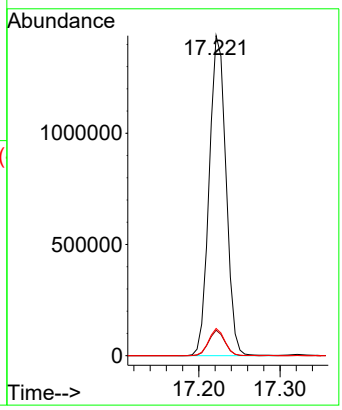


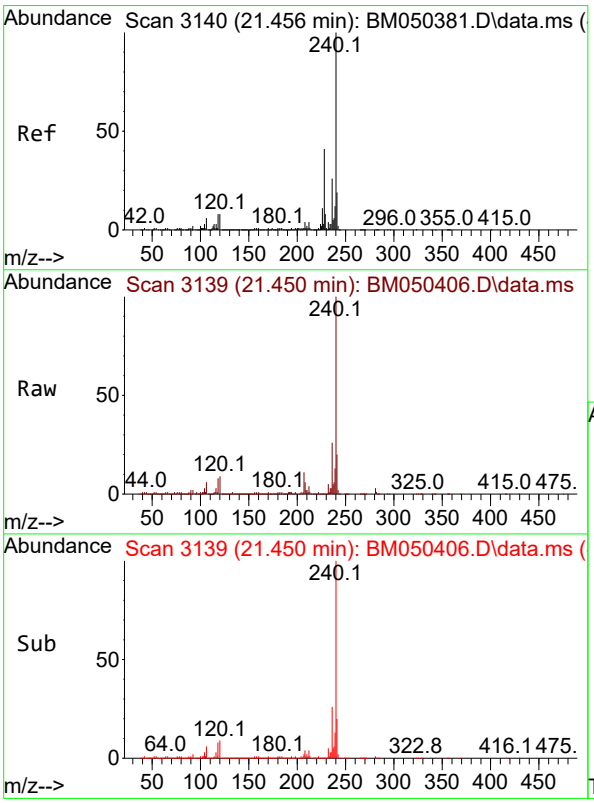
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Instrument :
BNA_M
ClientSampleId :
PB168787BL

Tgt Ion:188 Resp: 2066785

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.0	9.0
80	8.5	6.5	9.7

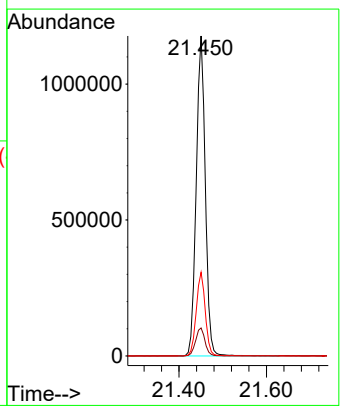


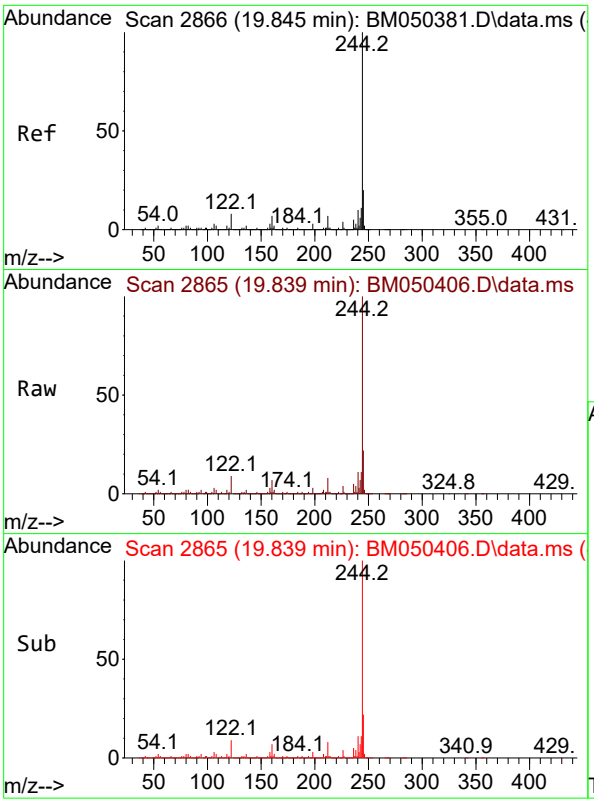


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Tgt Ion:240 Resp: 1707427

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	26.2	20.7	31.1



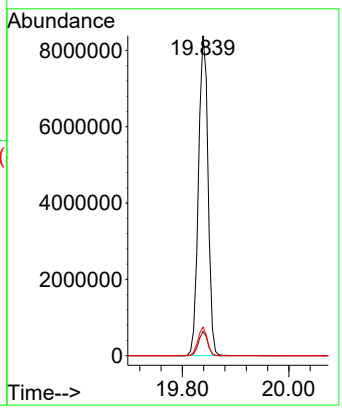


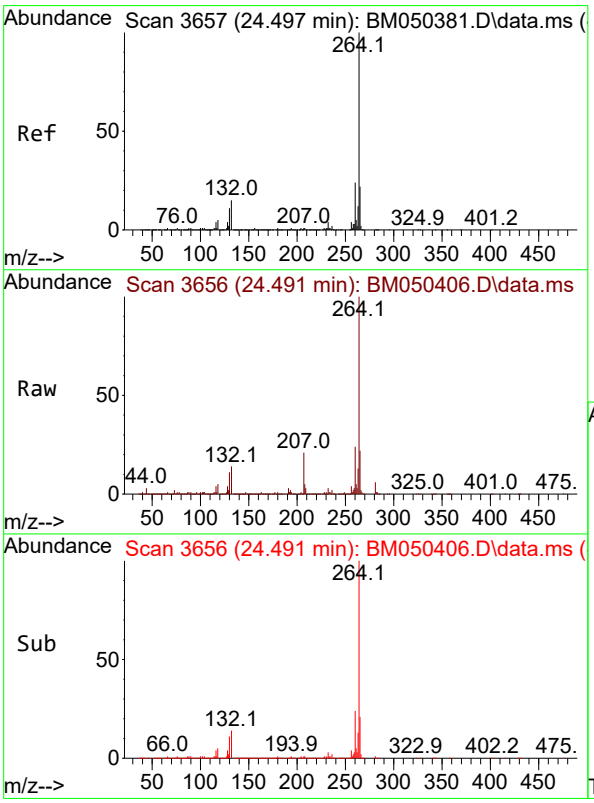
#79
Terphenyl-d14
Concen: 107.186 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Instrument :
BNA_M
ClientSampleId :
PB168787BL

Tgt Ion:244 Resp:10401621

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	8.9	6.2	9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050406.D
Acq: 11 Jul 2025 10:09

Tgt Ion:264 Resp: 1735951

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.8	26.6