Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050450.D
Acq On : 15 Jul 2025 11:30
Operator : RC/JU
Sample : PB168803TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168803TB

Quant Time: Jul 15 12:21:58 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	7.857	152	501643	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1780218	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	1111817	20.000	ng	-0.01
64) Phenanthrene-d10	17.215	188	2247046	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	2361654	20.000	ng	-0.02
86) Perylene-d12	24.462	264	2470157	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3793999	130.186	ng	0.00
7) Phenol-d6	7.022	99	4664219	126.959	ng	0.00
23) Nitrobenzene-d5	9.010	82	2747456	78.738	ng	-0.01
42) 2,4,6-Tribromophenol	15.962	330	2007845	148.634	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7159065	79.518	ng	-0.01
79) Terphenyl-d14	19.827	244	11514653	85.785	ng	-0.02
Target Compounds						Qvalue

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

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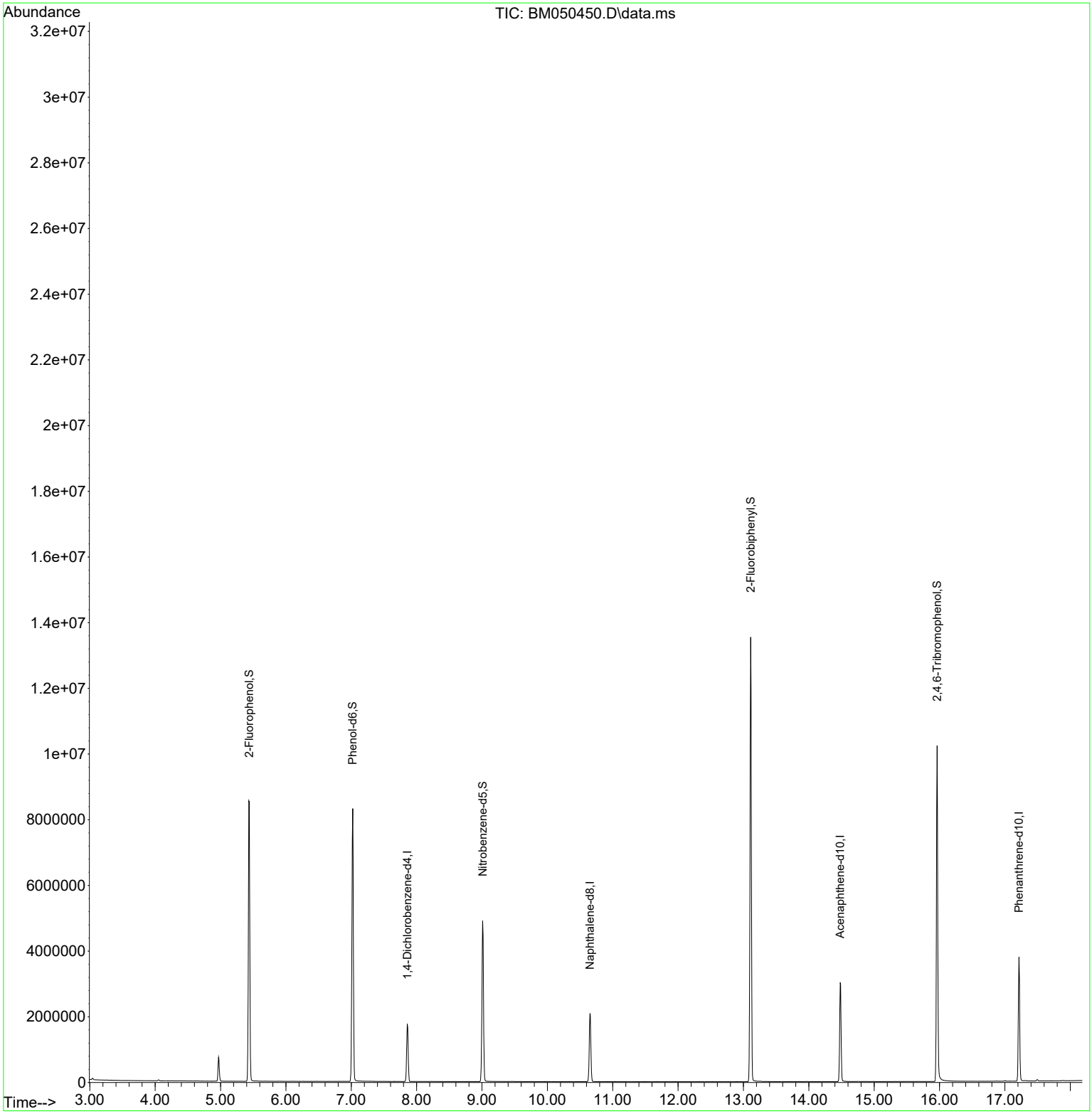

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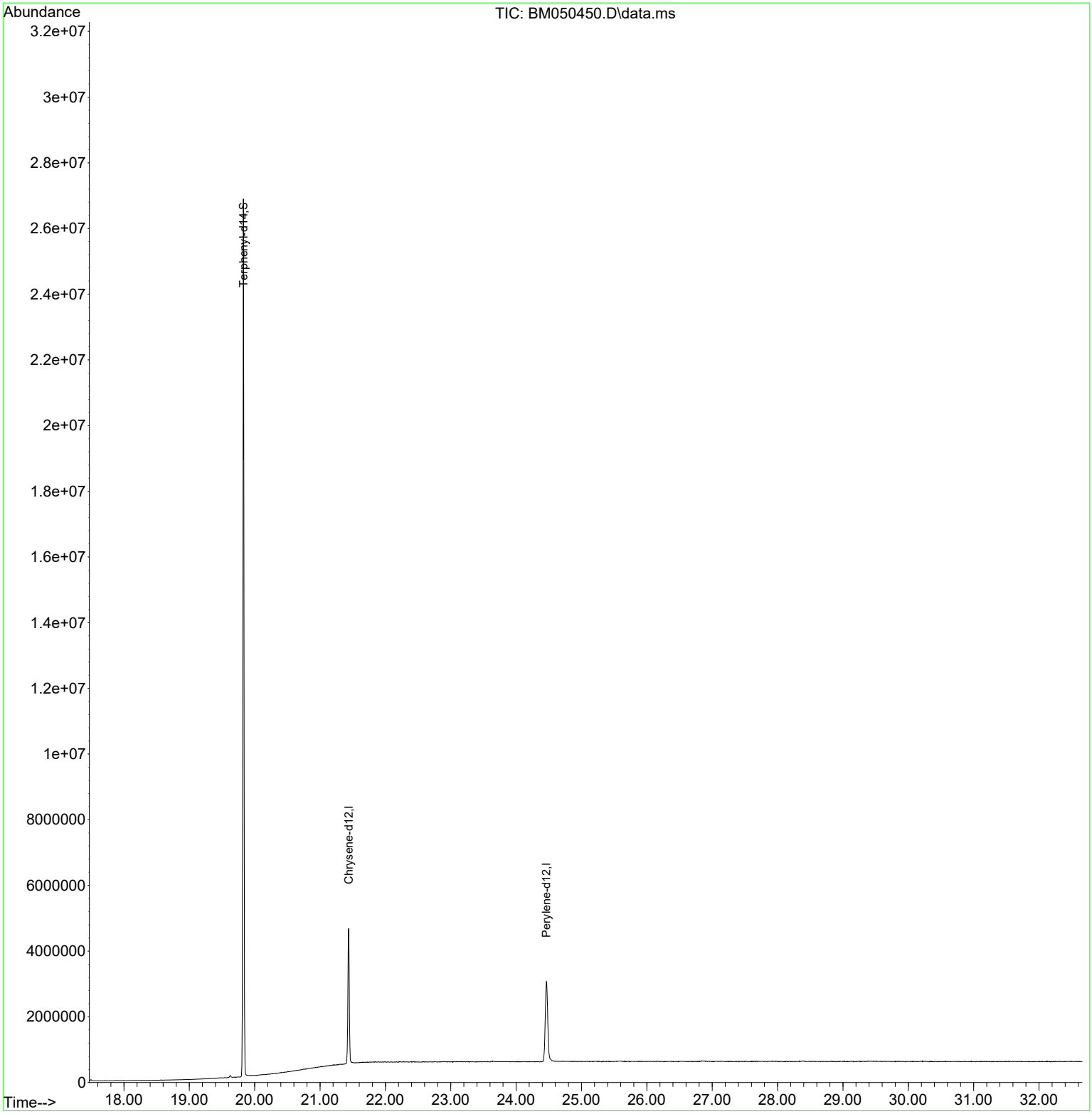
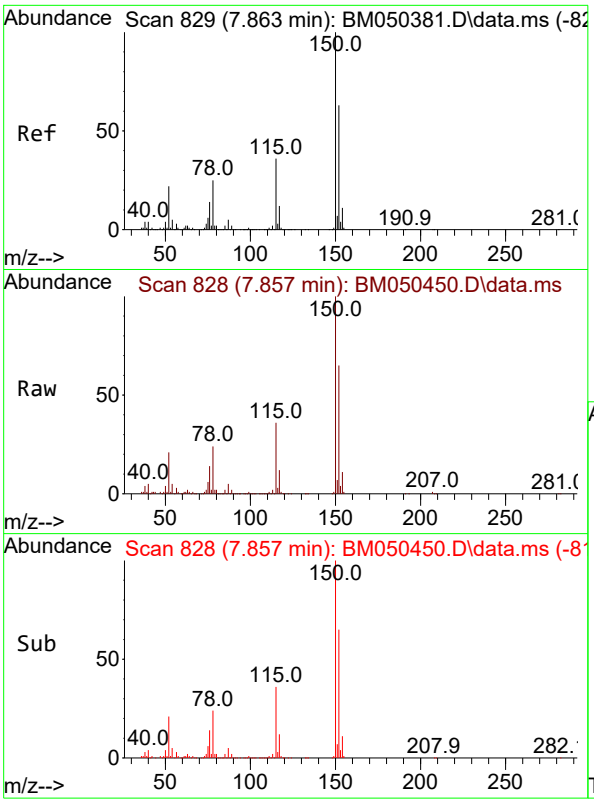


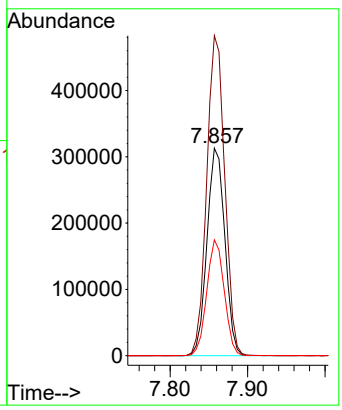


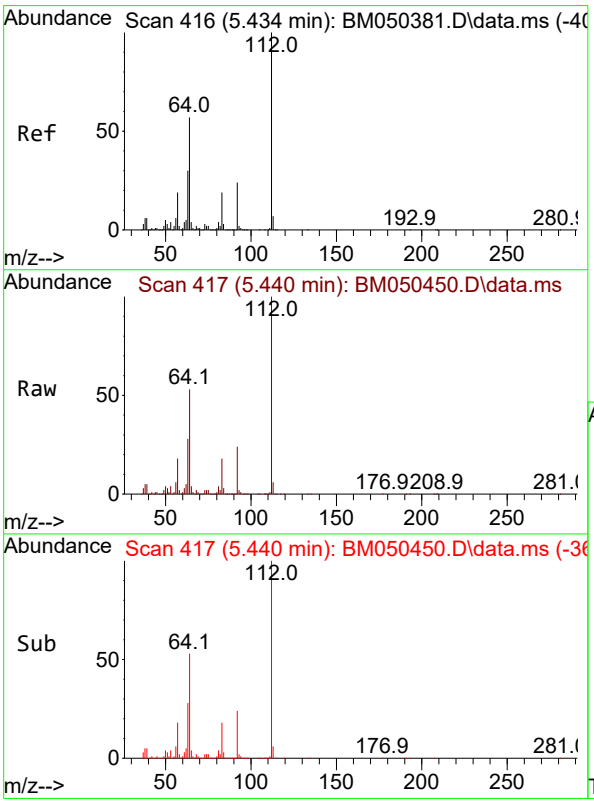
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168803TB

Tgt Ion:152 Resp: 501643

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.4
115	55.8	45.8	68.8

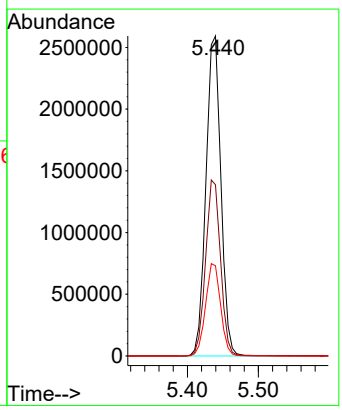


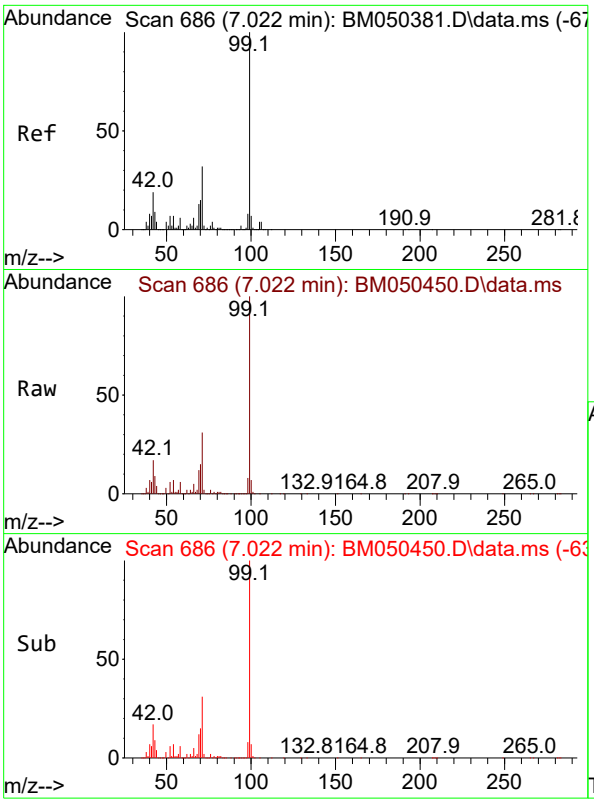


#5
2-Fluorophenol
Concen: 130.186 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion:112 Resp: 3793999

Ion	Ratio	Lower	Upper
112	100		
64	53.5	45.5	68.3
63	28.2	24.2	36.4



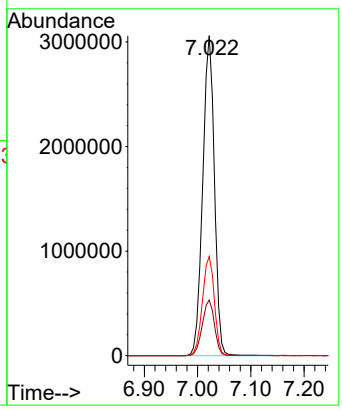


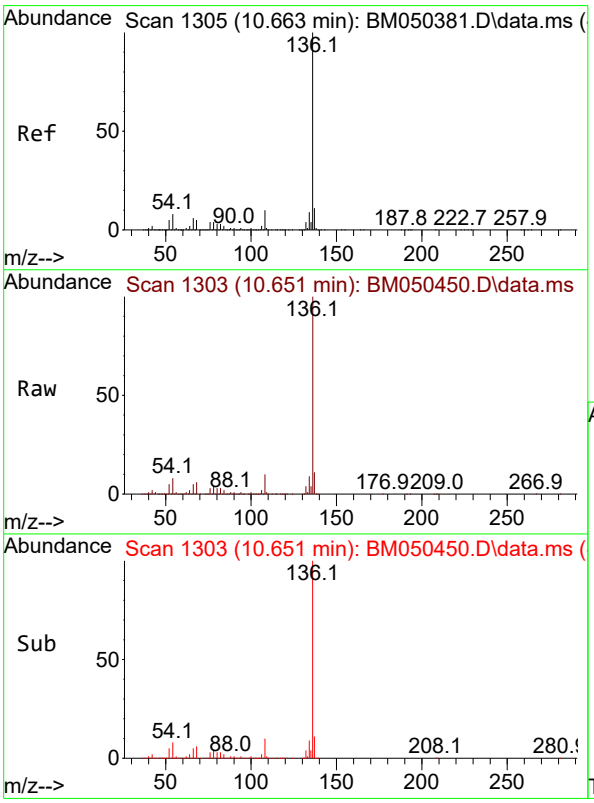
#7
Phenol-d6
Concen: 126.959 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168803TB

Tgt Ion: 99 Resp: 4664219

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.0	22.6
71	31.0	25.9	38.9

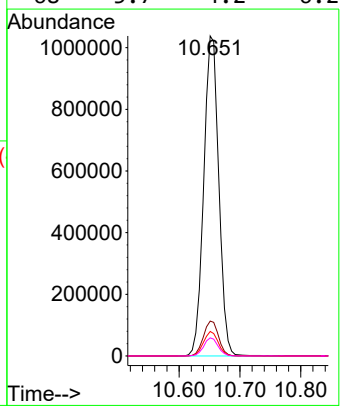


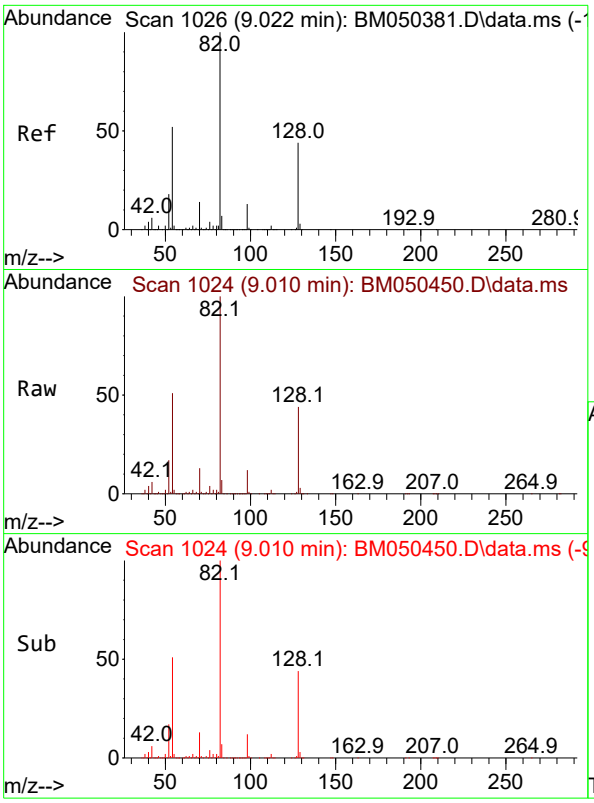


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion:136 Resp: 1780218

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.7	4.2	6.2



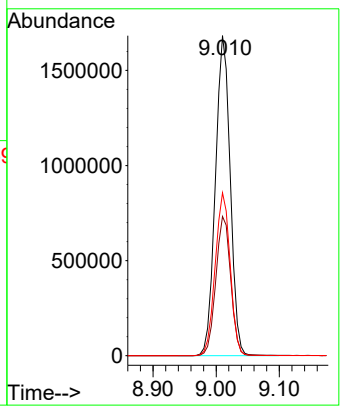


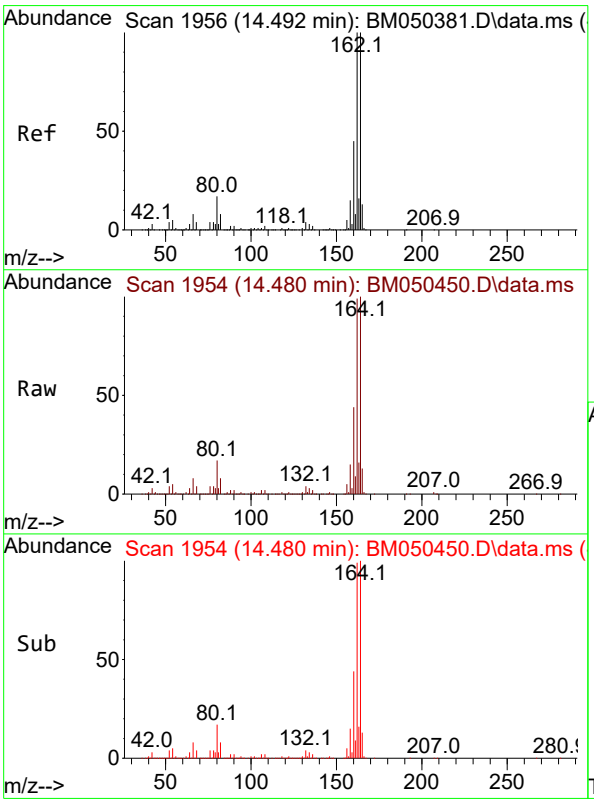
#23
Nitrobenzene-d5
Concen: 78.738 ng
RT: 9.010 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168803TB

Tgt Ion: 82 Resp: 2747456

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.2	52.8
54	50.9	41.5	62.3

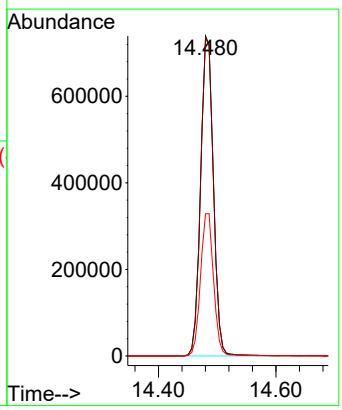


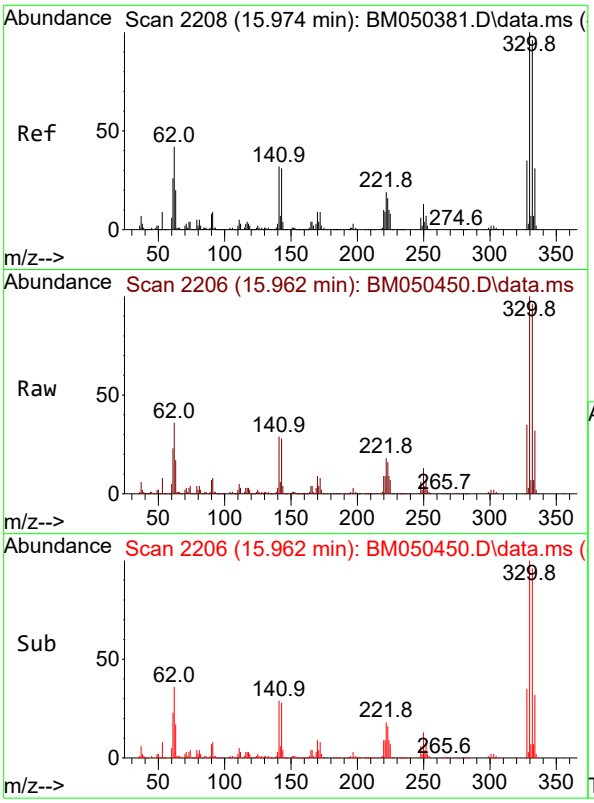


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion:164 Resp: 1111817

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.9	119.9
160	44.5	36.2	54.4



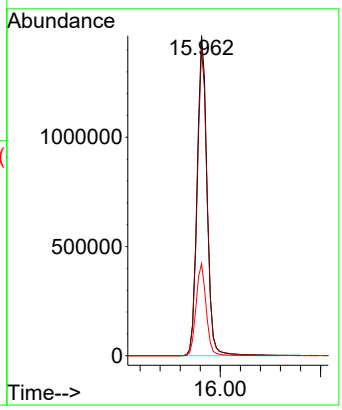


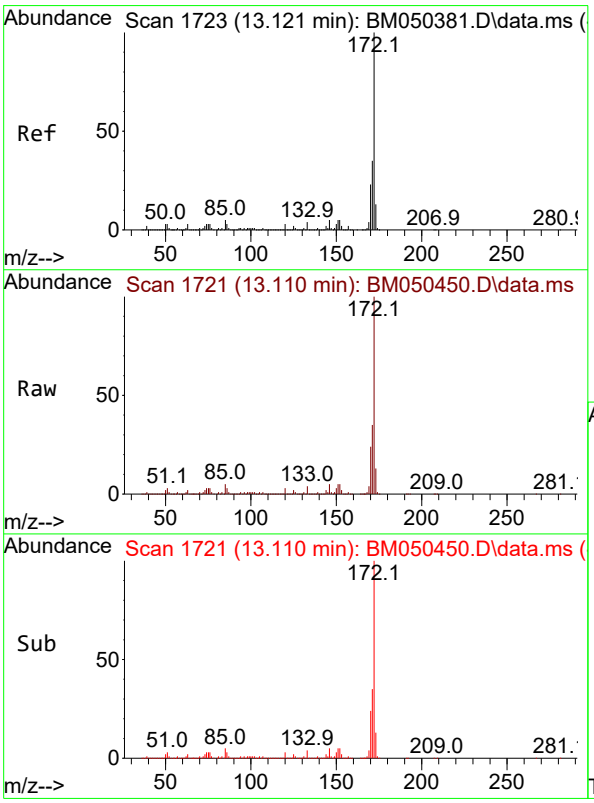
#42
2,4,6-Tribromophenol
Concen: 148.634 ng
RT: 15.962 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168803TB

Tgt Ion:330 Resp: 2007845

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	29.4	27.4	41.0

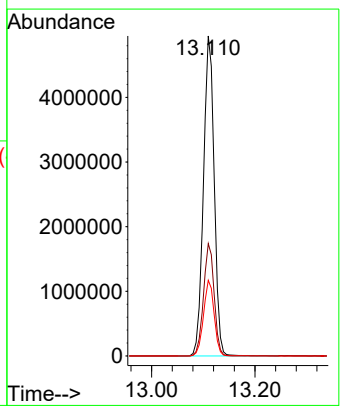


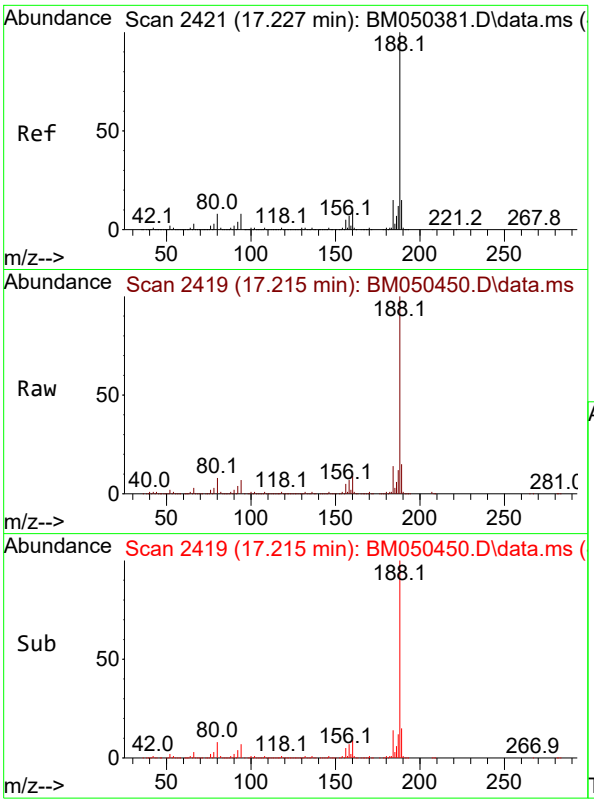


#45
2-Fluorobiphenyl
Concen: 79.518 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion:172 Resp: 7159065

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.6	18.8	28.2



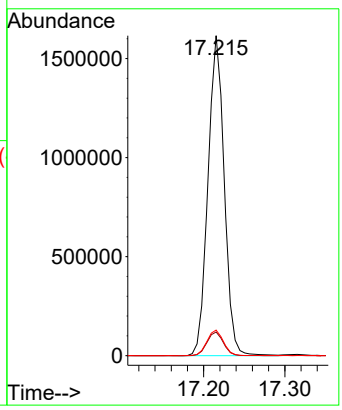


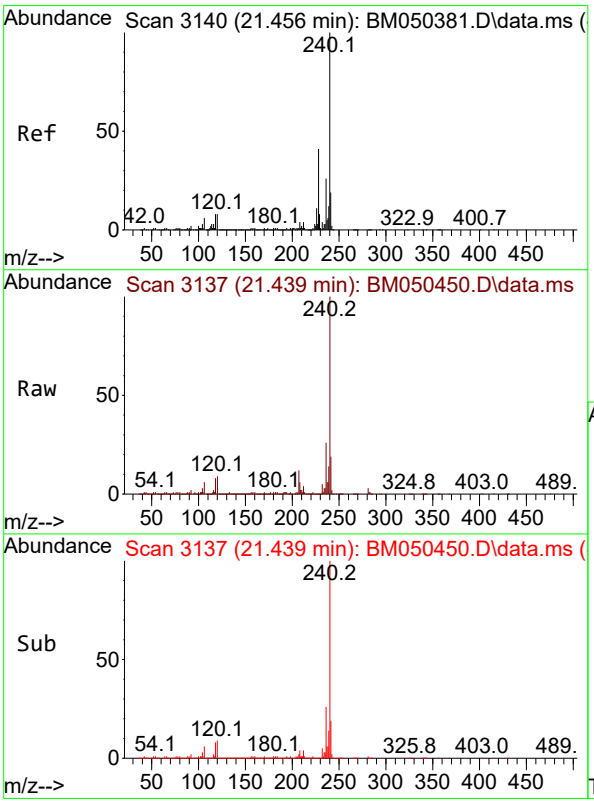
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168803TB

Tgt Ion:188 Resp: 2247046

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.0	9.0
80	8.0	6.5	9.7

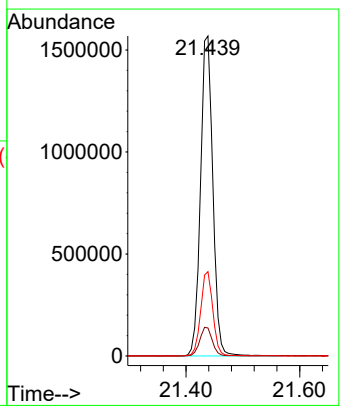


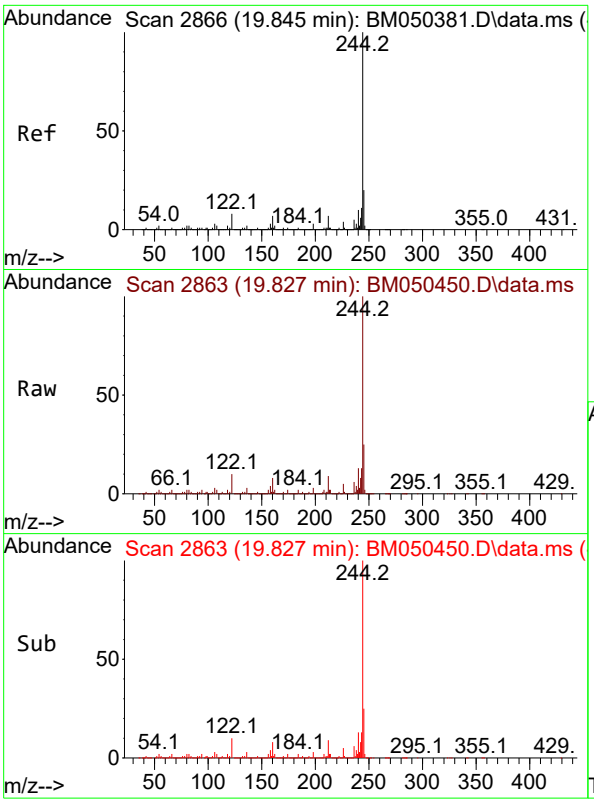


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion:240 Resp: 2361654

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	26.3	20.7	31.1



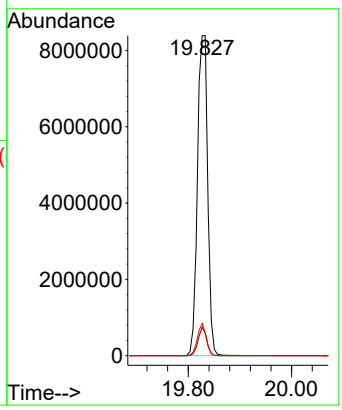


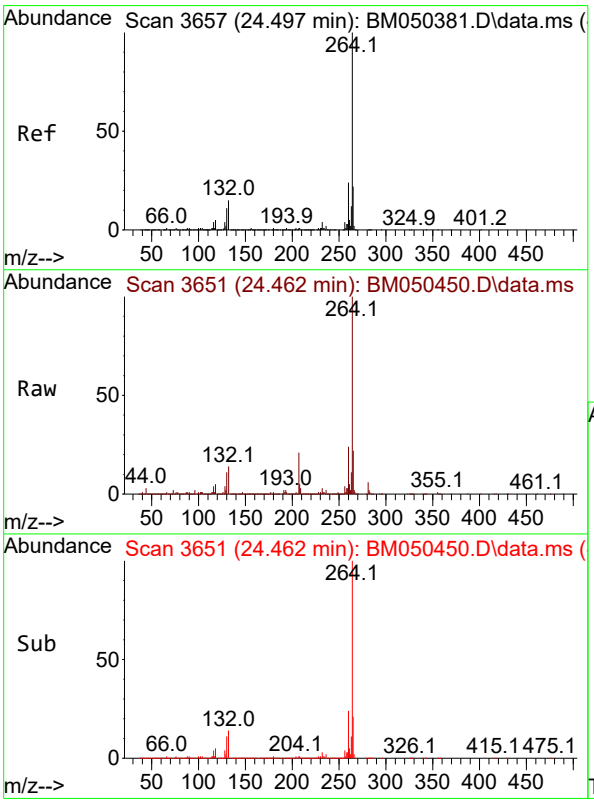
#79
Terphenyl-d14
Concen: 85.785 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168803TB

Tgt Ion:244 Resp:11514653

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.7	8.5#
122	10.0	6.2	9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3651
Delta R.T. -0.035 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion:264 Resp: 2470157

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	17.8	26.6