Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050421.D
Acq On : 14 Jul 2025 11:30
Operator : RC/JU
Sample : PB168813BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168813BL

Quant Time: Jul 14 12:21:38 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	419463	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1475685	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	877057	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1599531	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1514225	20.000	ng	-0.01
86) Perylene-d12	24.474	264	1690499	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3270651	134.215	ng	0.00
7) Phenol-d6	7.022	99	3958421	128.857	ng	0.00
23) Nitrobenzene-d5	9.016	82	2367637	81.855	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1339397	125.690	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	5730288	80.685	ng	0.00
79) Terphenyl-d14	19.833	244	8087520	93.973	ng	-0.01
Target Compounds						Qvalue

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

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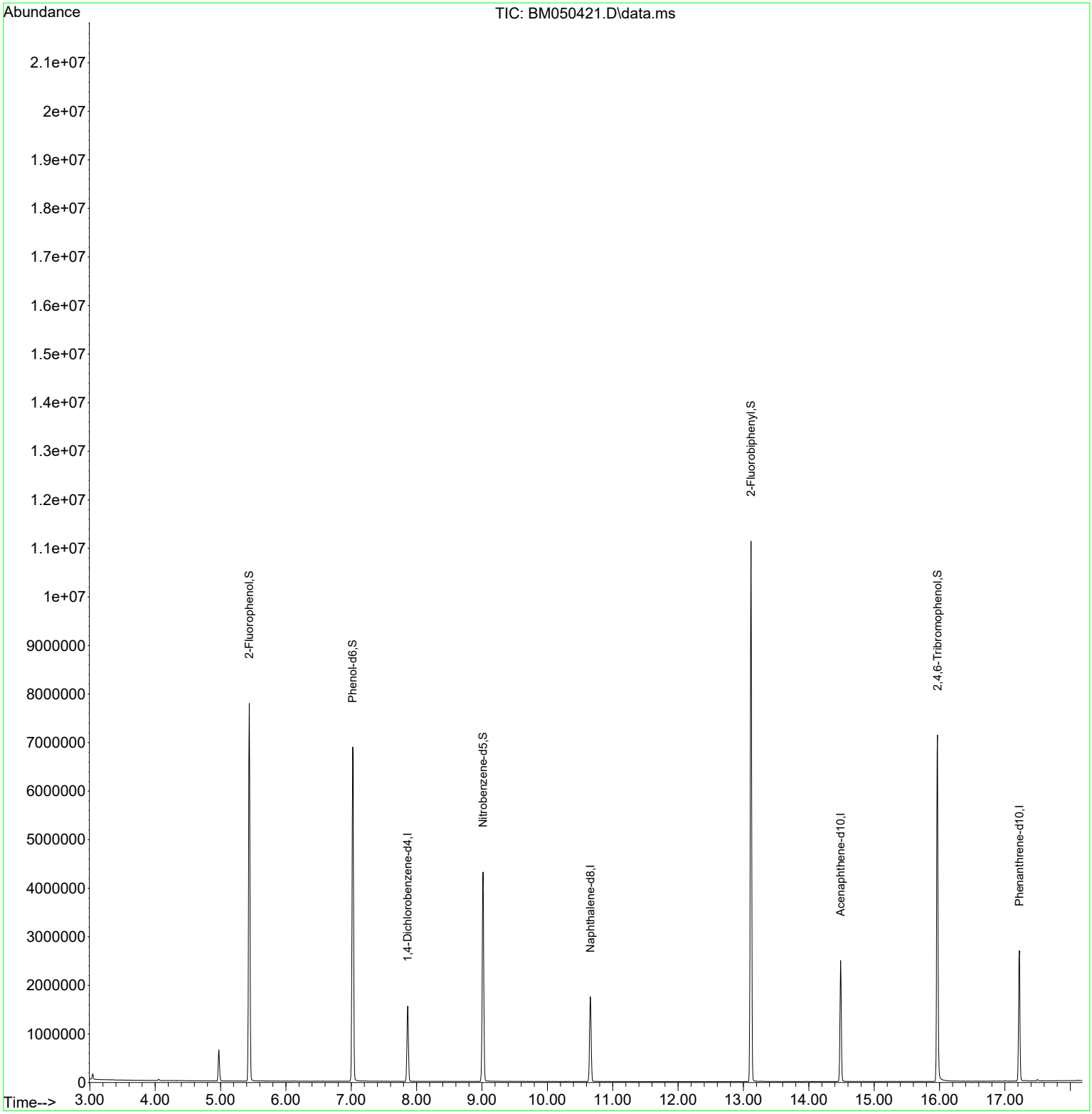

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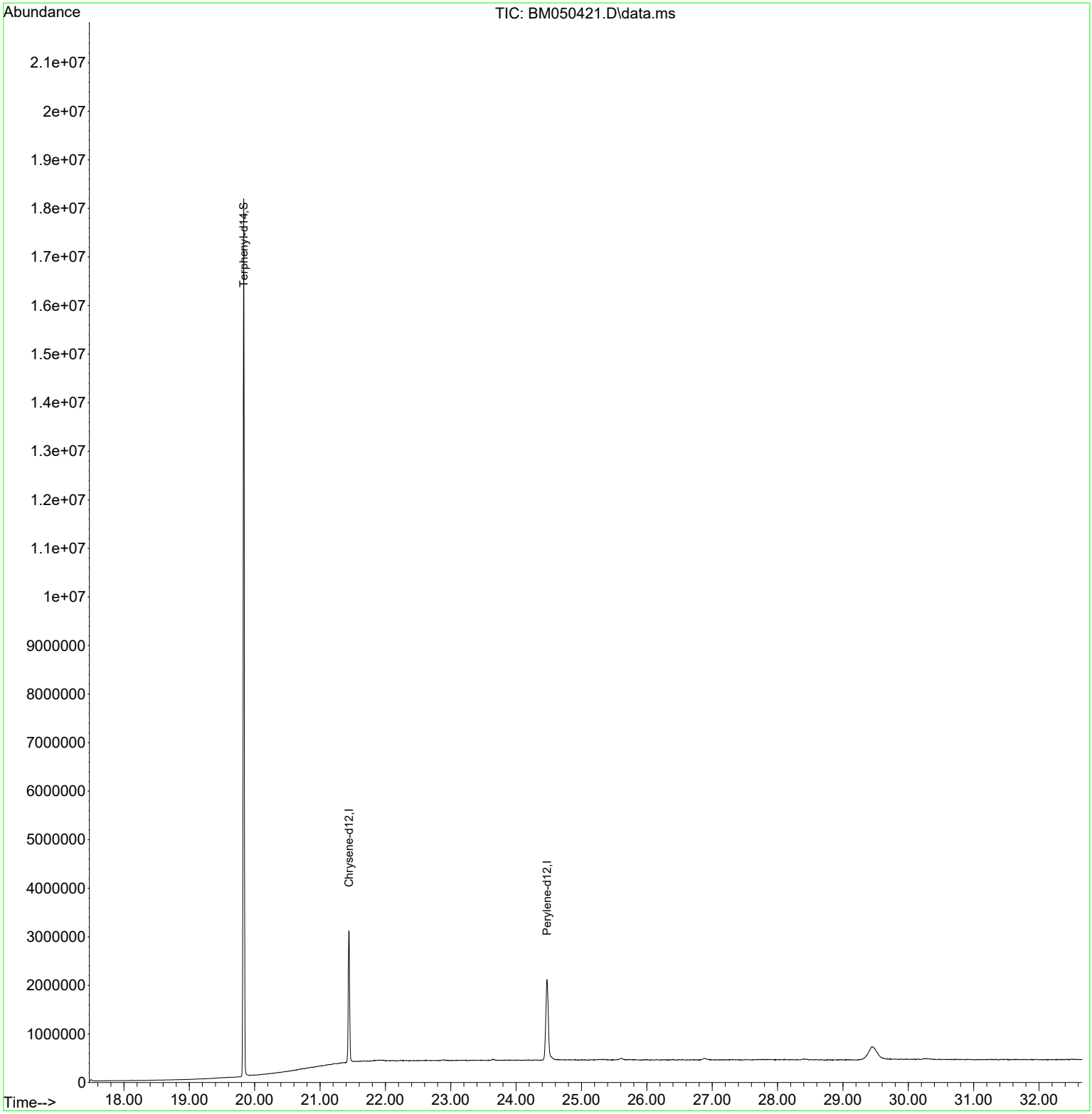
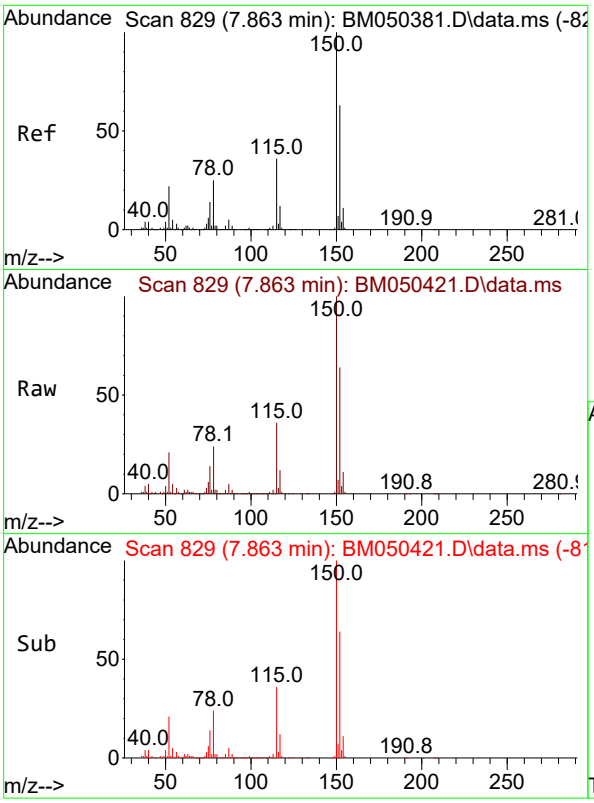


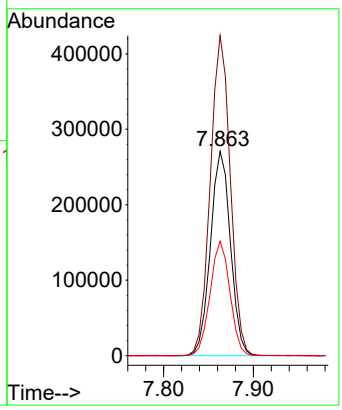


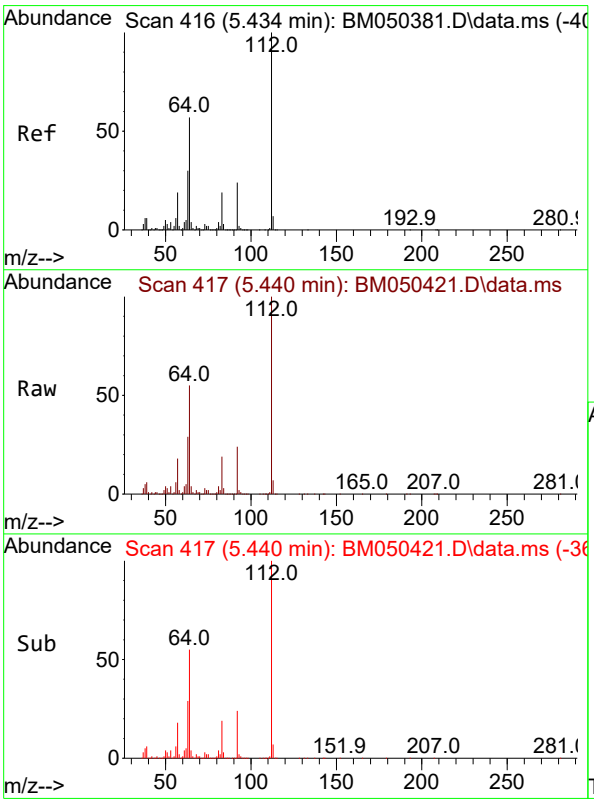
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168813BL

Tgt Ion:152 Resp: 419463

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.4
115	56.0	45.8	68.8

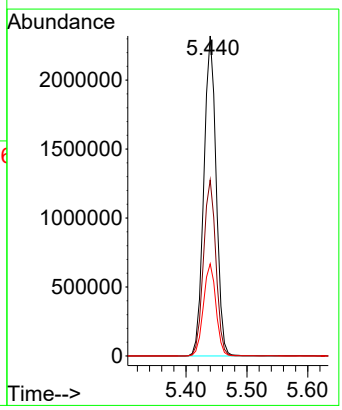


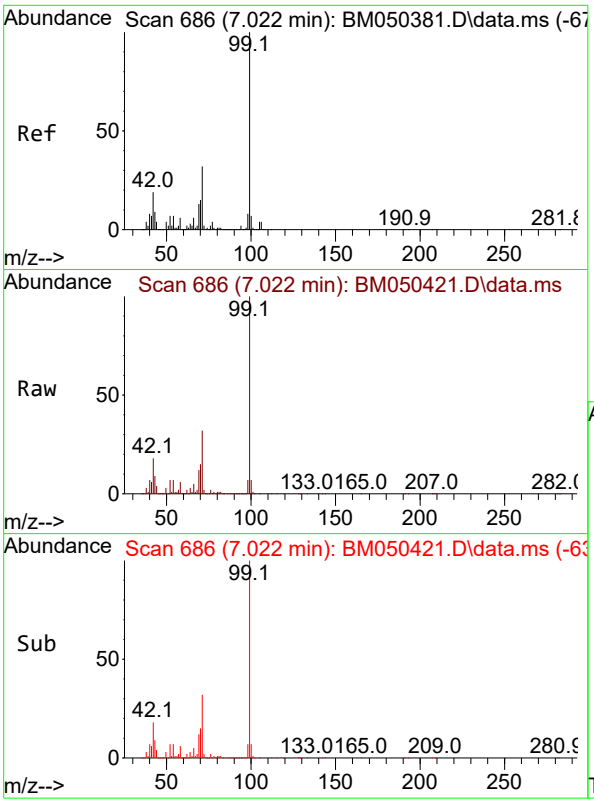


#5
2-Fluorophenol
Concen: 134.215 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Tgt Ion:112 Resp: 3270651

Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.5	68.3
63	28.8	24.2	36.4



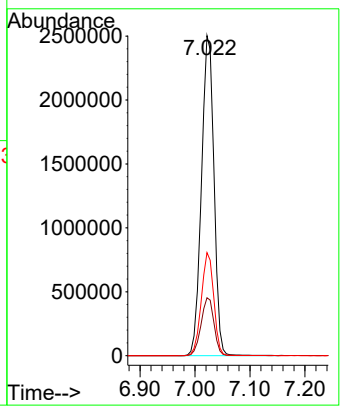


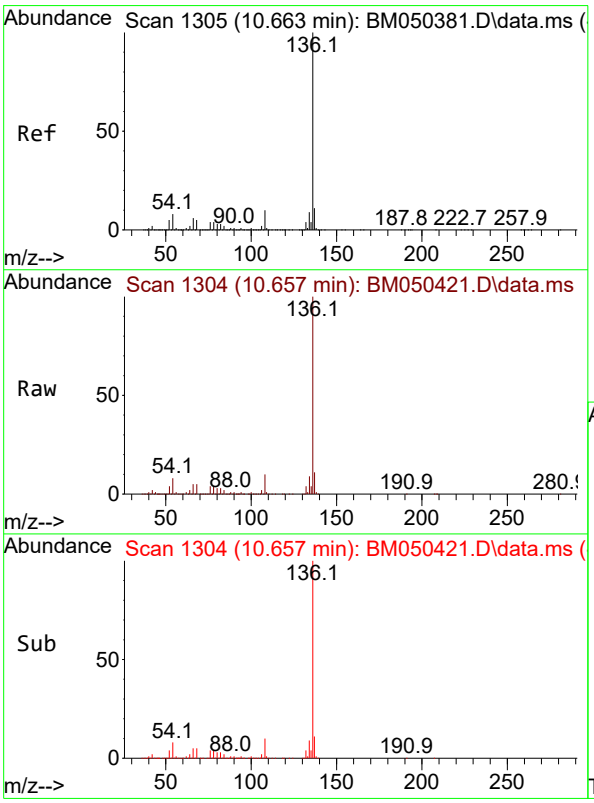
#7
Phenol-d6
Concen: 128.857 ng
RT: 7.022 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168813BL

Tgt Ion: 99 Resp: 3958421

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.6
71	32.2	25.9	38.9

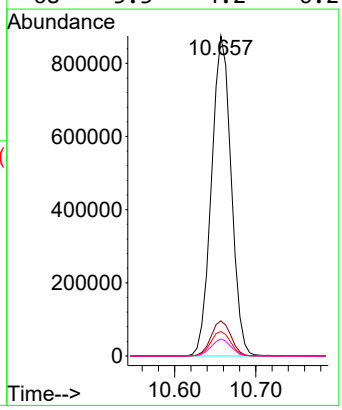


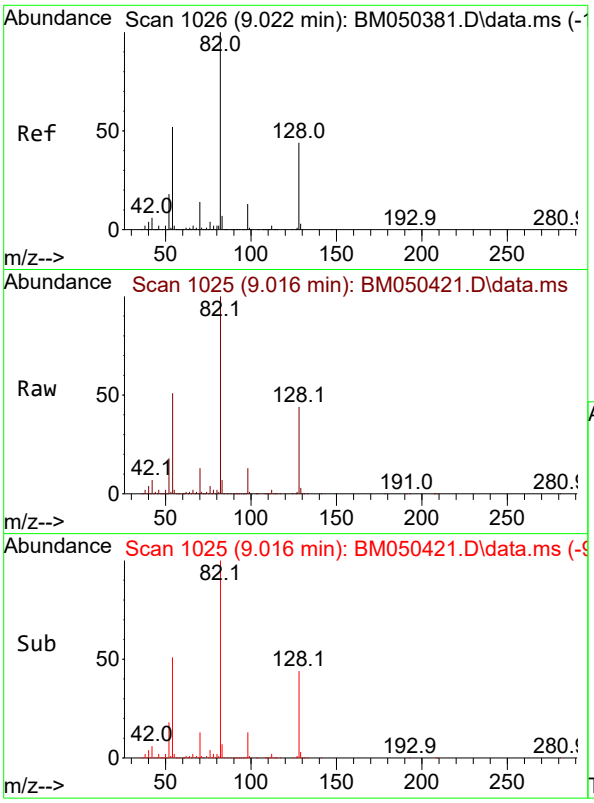


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Tgt Ion:136 Resp: 1475685

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



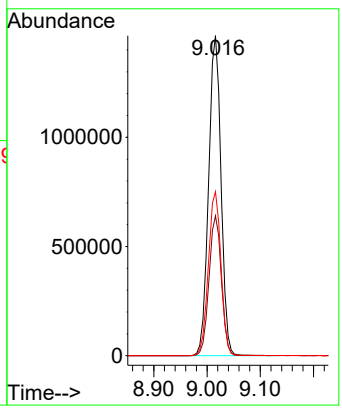


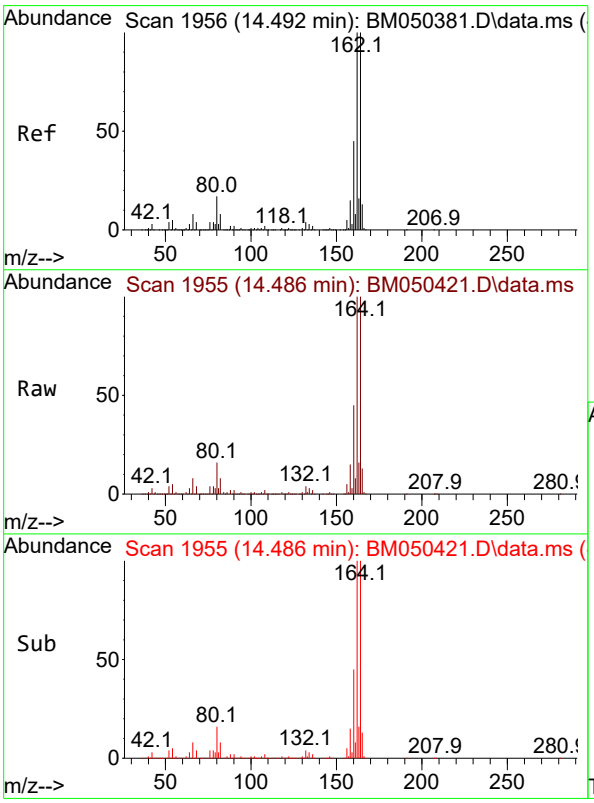
#23
Nitrobenzene-d5
Concen: 81.855 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168813BL

Tgt Ion: 82 Resp: 2367637

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.2	52.8
54	51.3	41.5	62.3

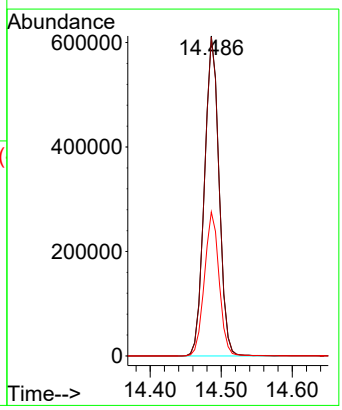


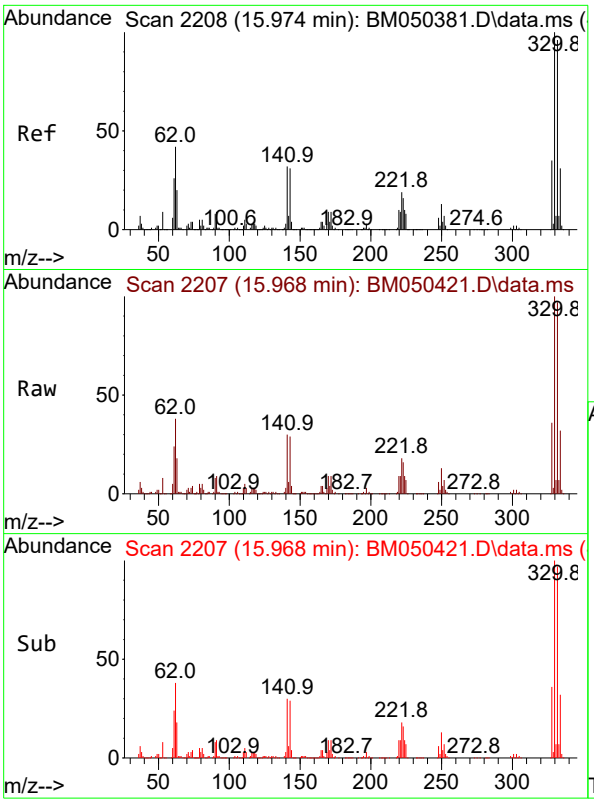


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Tgt Ion:164 Resp: 877057

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.9	119.9
160	45.0	36.2	54.4



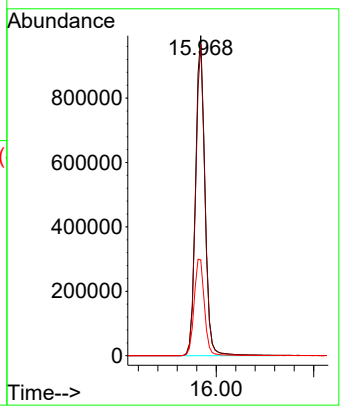


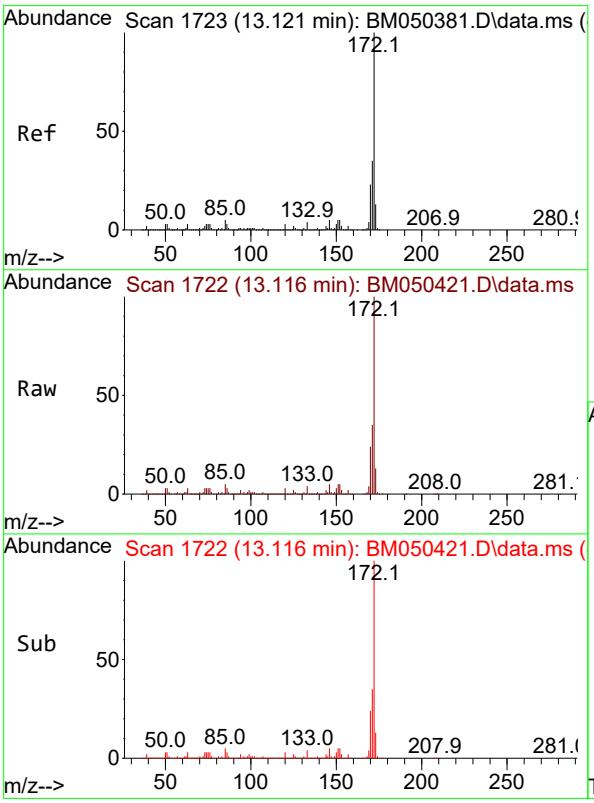
#42
2,4,6-Tribromophenol
Concen: 125.690 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168813BL

Tgt Ion:330 Resp: 1339397

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	33.2	27.4	41.0

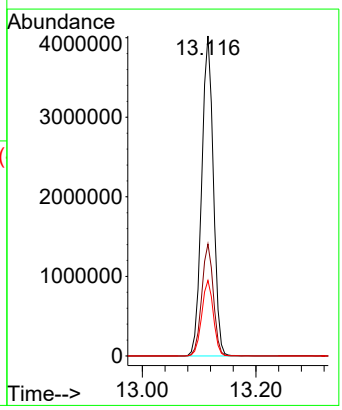


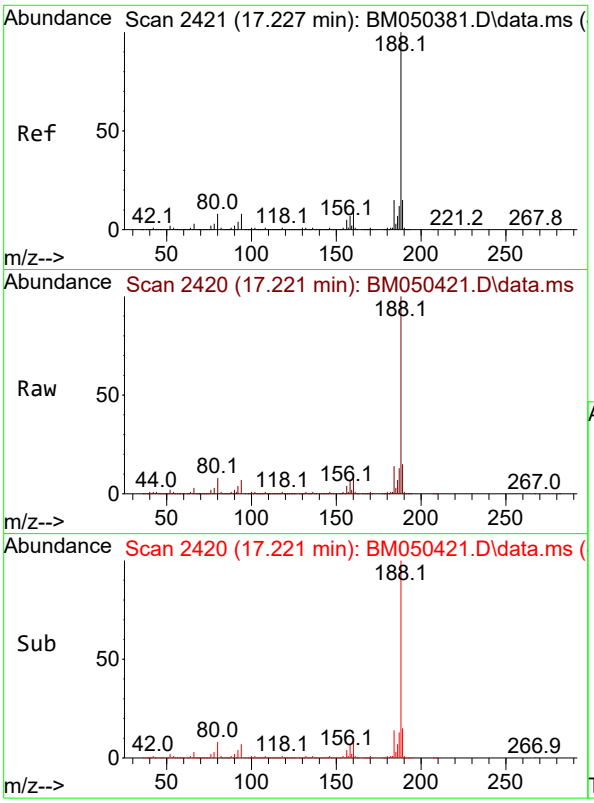


#45
2-Fluorobiphenyl
Concen: 80.685 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Tgt Ion:172 Resp: 5730288

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	23.6	18.8	28.2



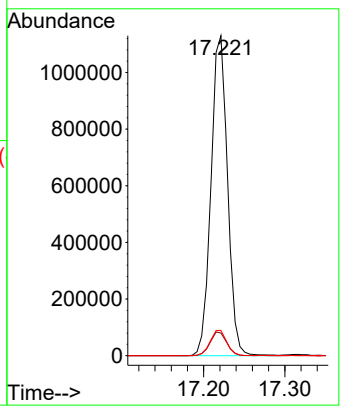


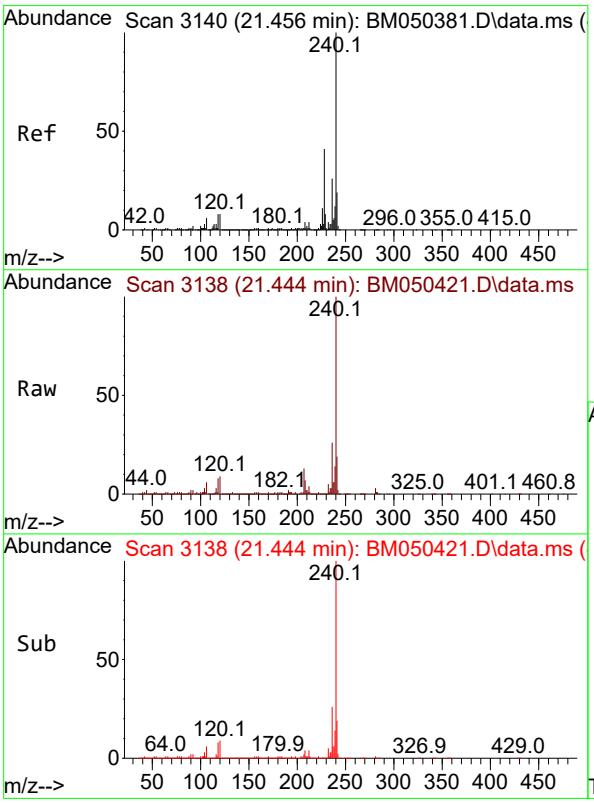
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168813BL

Tgt Ion:188 Resp: 1599531

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.0	9.0
80	7.9	6.5	9.7

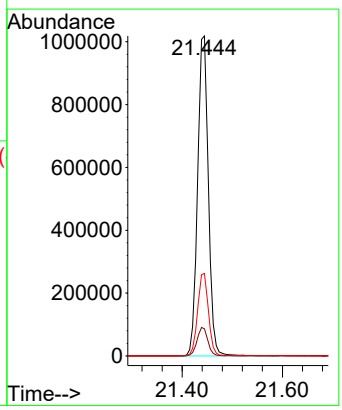


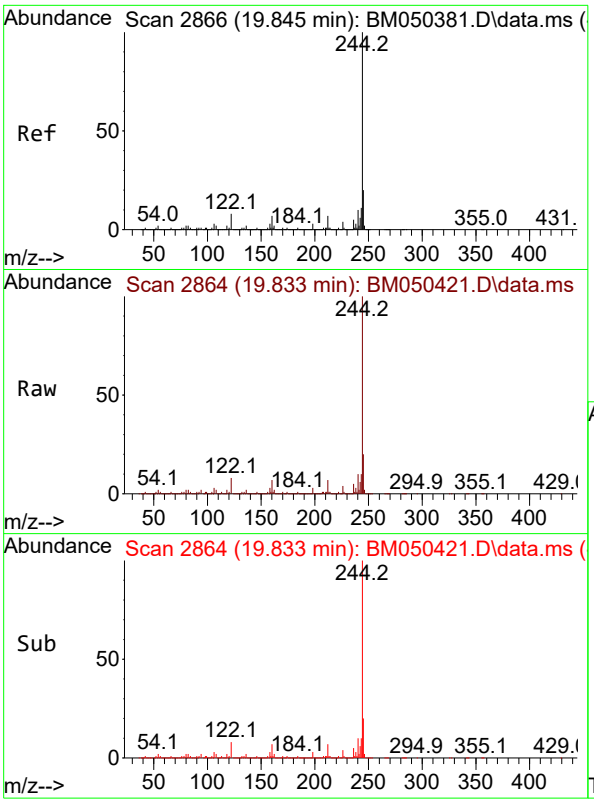


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3138
Delta R.T. -0.012 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Tgt Ion:240 Resp: 1514225

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.7	10.1
236	25.8	20.7	31.1



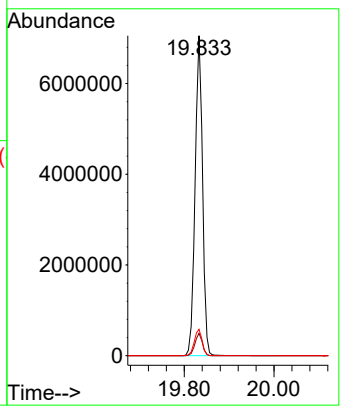


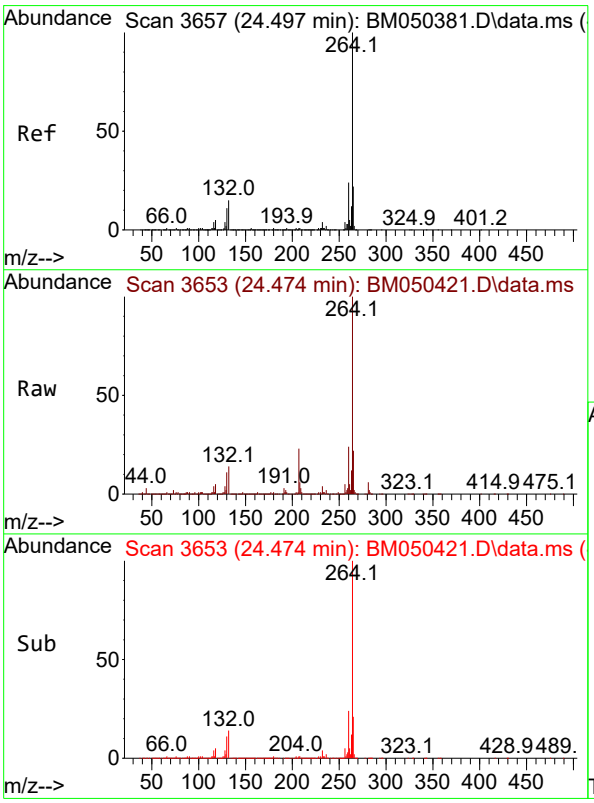
#79
Terphenyl-d14
Concen: 93.973 ng
RT: 19.833 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Instrument :
BNA_M
ClientSampleId :
PB168813BL

Tgt Ion:244 Resp: 8087520

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.3	6.2	9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3653
Delta R.T. -0.024 min
Lab File: BM050421.D
Acq: 14 Jul 2025 11:30

Tgt Ion:264 Resp: 1690499

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.8	26.6