Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050401.D
Acq On : 10 Jul 2025 22:39
Operator : RC/JU
Sample : Q2489-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G3(0-6)

Quant Time: Jul 11 01:28:48 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	538062	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	2010300	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	1320616	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2672284	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2968688	20.000	ng	-0.01
86) Perylene-d12	24.486	264	3080582	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1883570	60.257	ng	0.00
7) Phenol-d6	7.016	99	1441309	36.577	ng	0.00
23) Nitrobenzene-d5	9.016	82	3335262	84.643	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	2552013	159.047	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	8561125	80.057	ng	0.00
79) Terphenyl-d14	19.833	244	12530171	74.263	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.939	163	914525	10.058	ng	100

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

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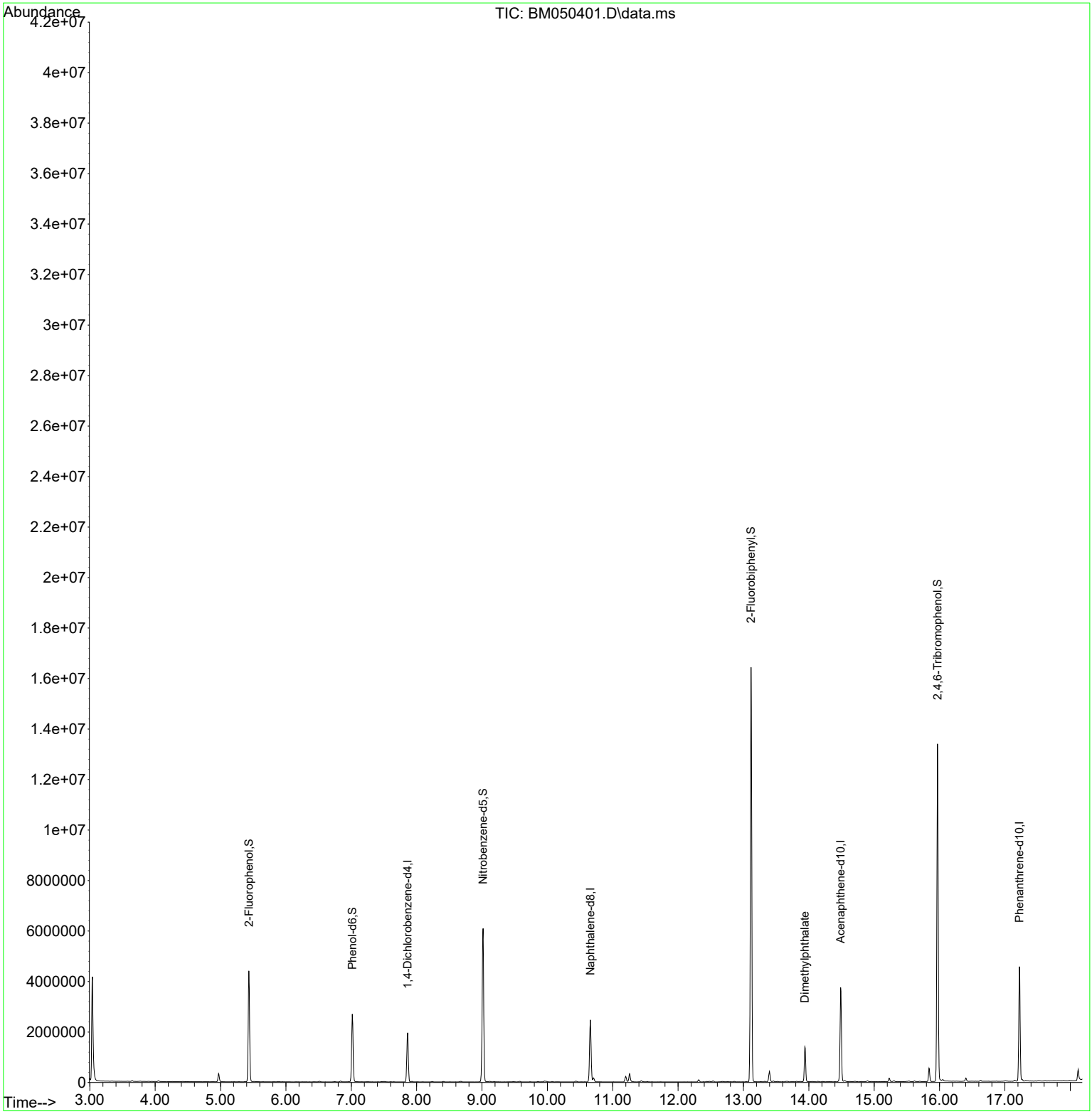

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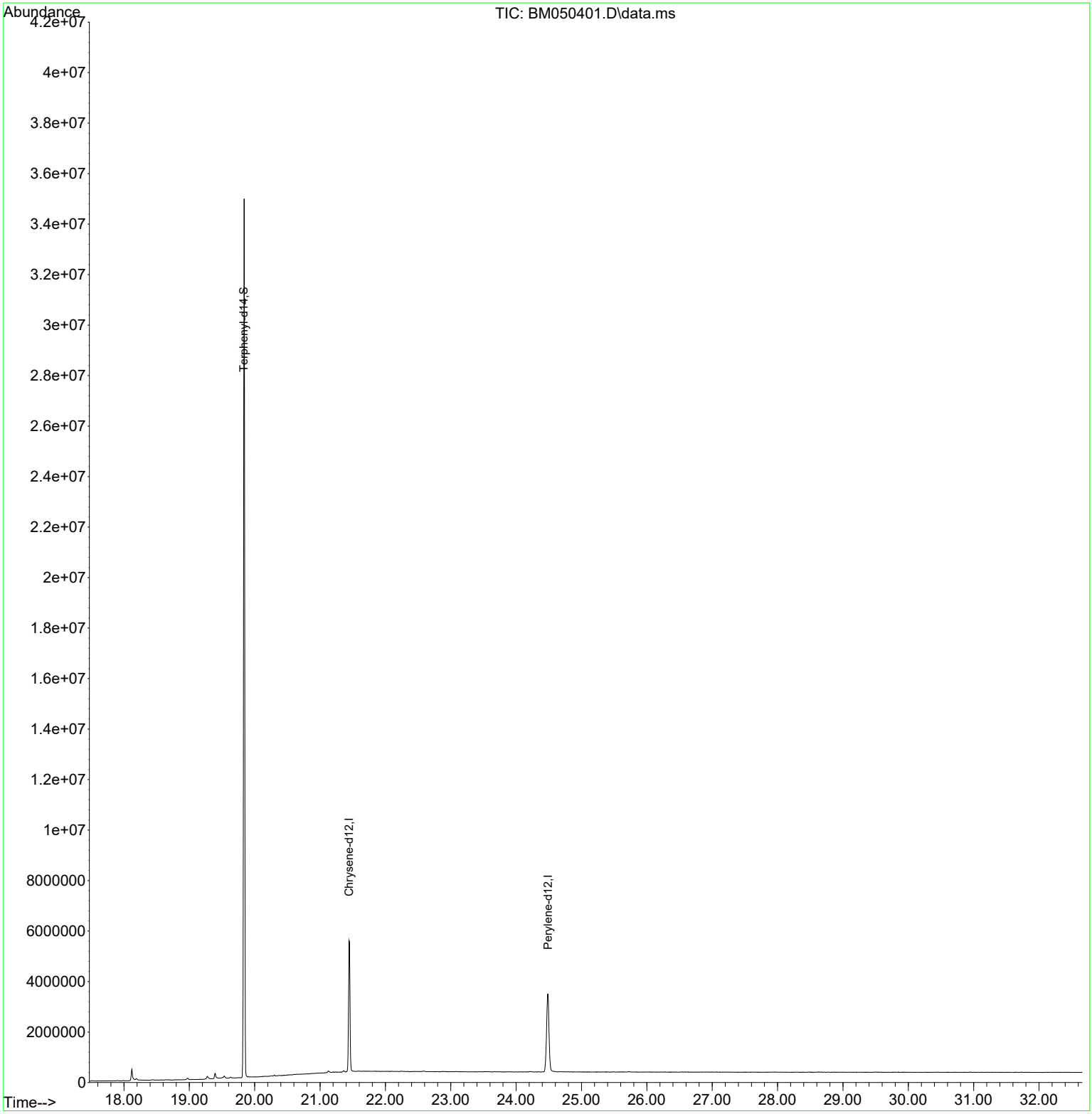
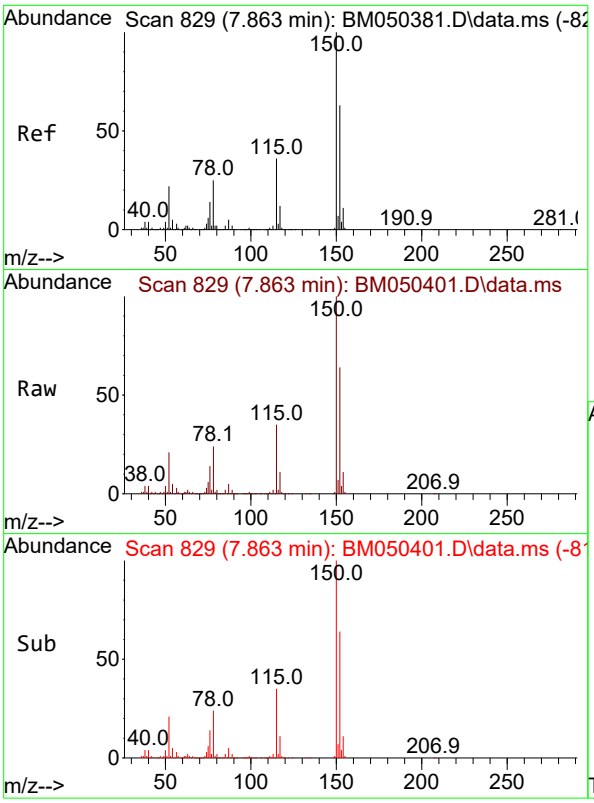


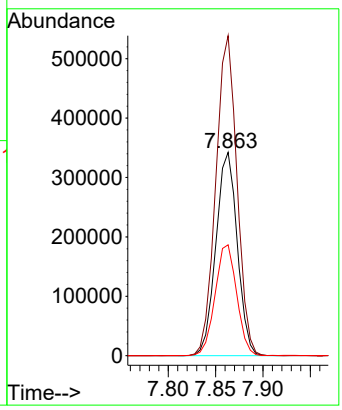


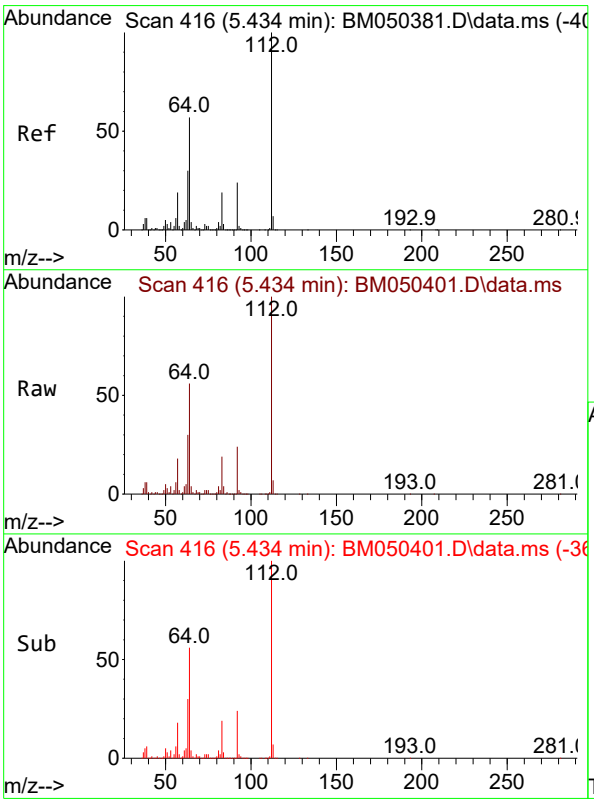
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Instrument :
BNA_M
ClientSampleId :
G3(0-6)

Tgt Ion:152 Resp: 538062

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.4
115	54.5	45.8	68.8

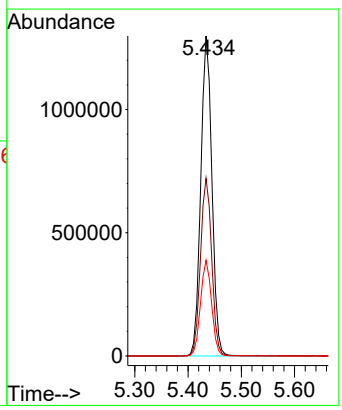


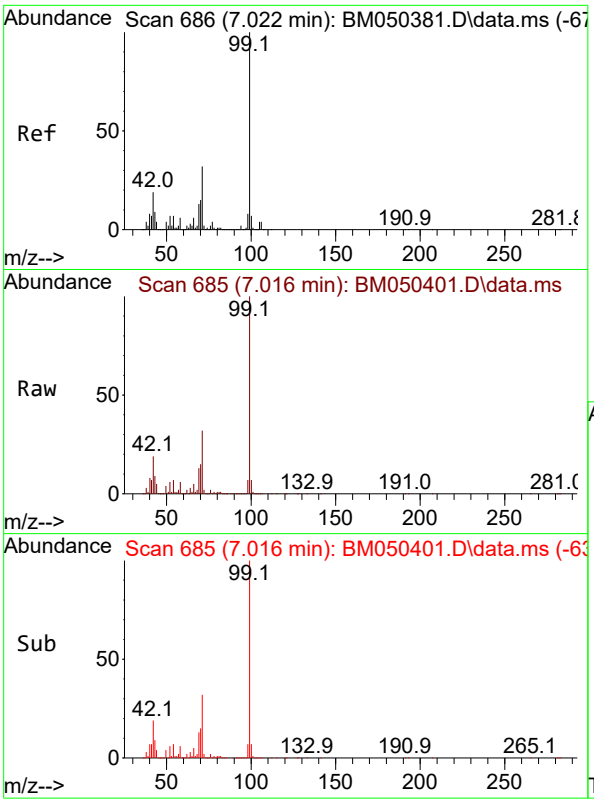


#5
2-Fluorophenol
Concen: 60.257 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Tgt Ion:112 Resp: 1883570

Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.5	68.3
63	29.9	24.2	36.4



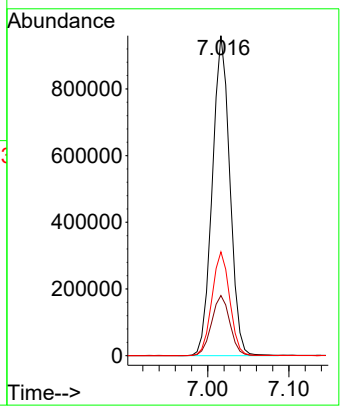


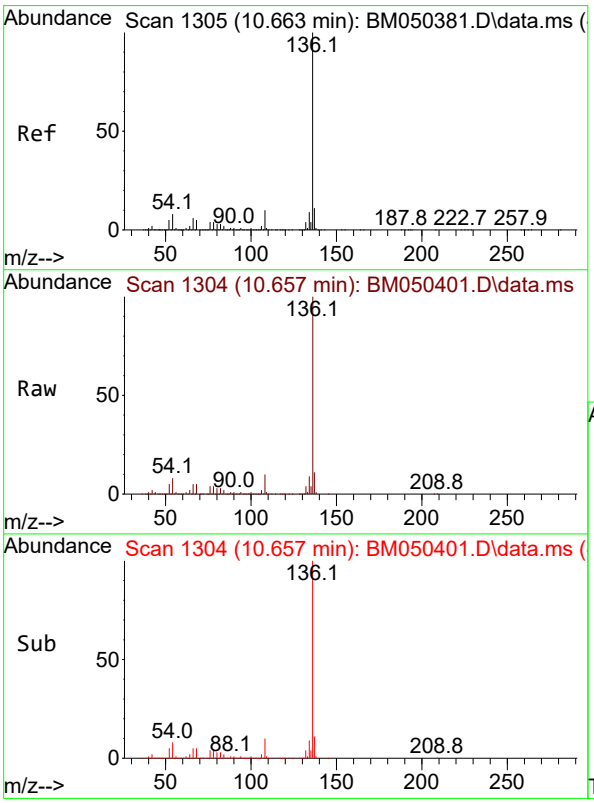
#7
Phenol-d6
Concen: 36.577 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Instrument :
BNA_M
ClientSampleId :
G3(0-6)

Tgt Ion: 99 Resp: 1441309

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.6
71	32.5	25.9	38.9

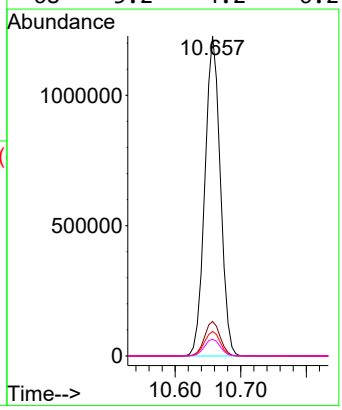


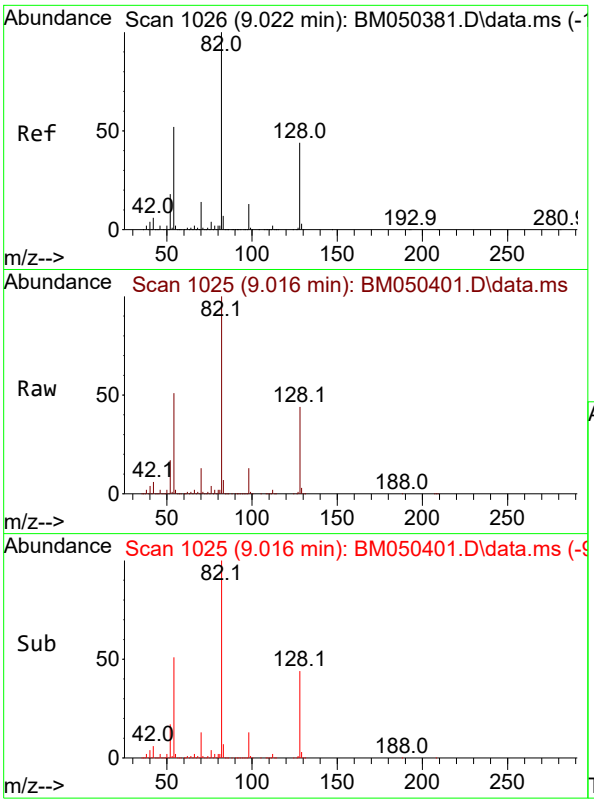


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Tgt Ion:136 Resp: 2010300

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	6.3	9.5
68	5.2	4.2	6.2



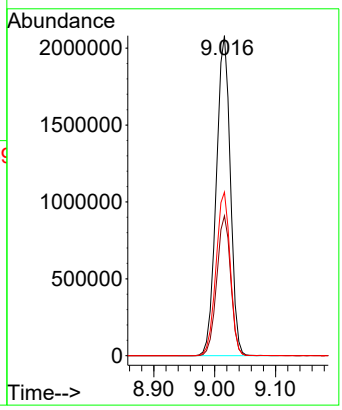


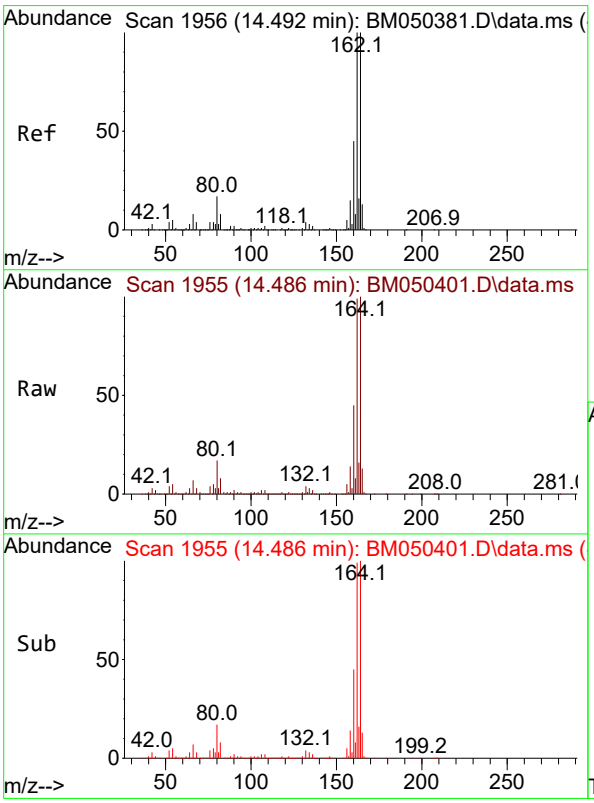
#23
Nitrobenzene-d5
Concen: 84.643 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Instrument :
BNA_M
ClientSampleId :
G3(0-6)

Tgt Ion: 82 Resp: 3335262

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.2	52.8
54	51.1	41.5	62.3

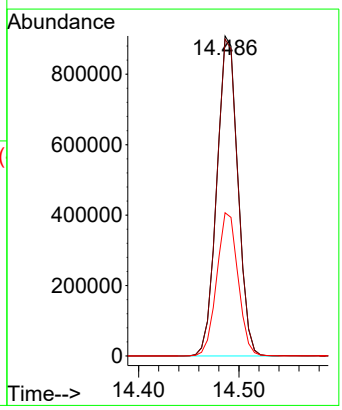


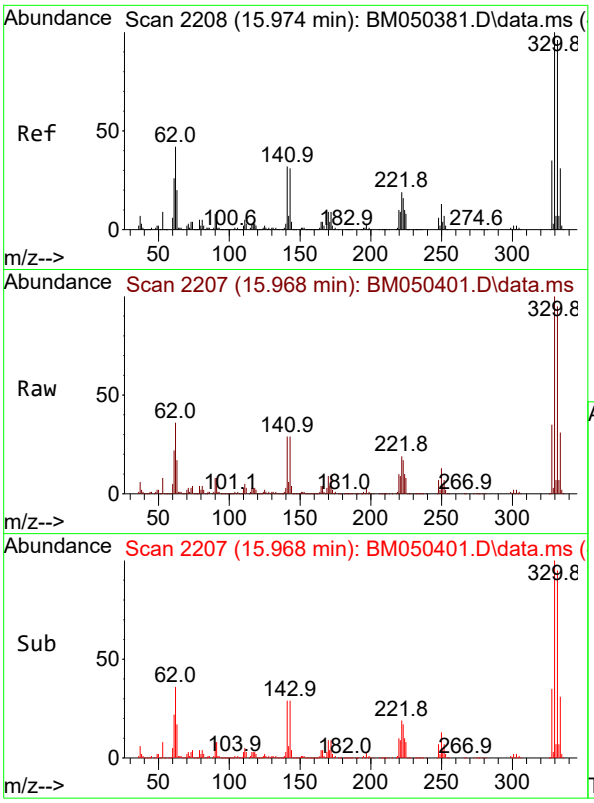


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Tgt Ion:164 Resp: 1320616

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.9	119.9
160	44.7	36.2	54.4



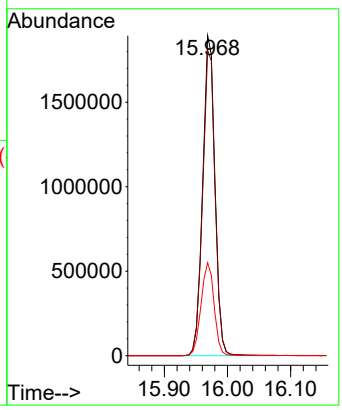


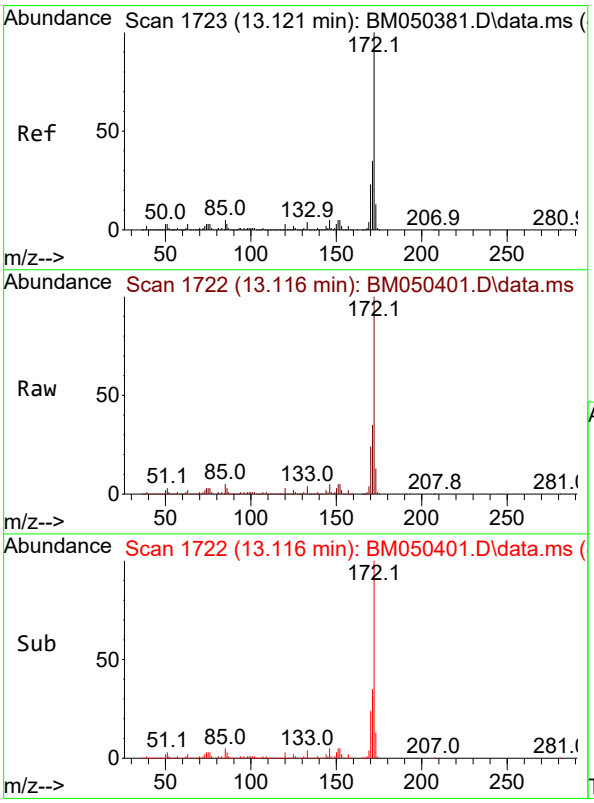
#42
2,4,6-Tribromophenol
Concen: 159.047 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Instrument :
BNA_M
ClientSampleId :
G3(0-6)

Tgt Ion:330 Resp: 2552013

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	31.1	27.4	41.0

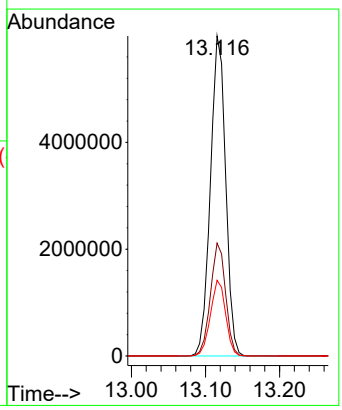


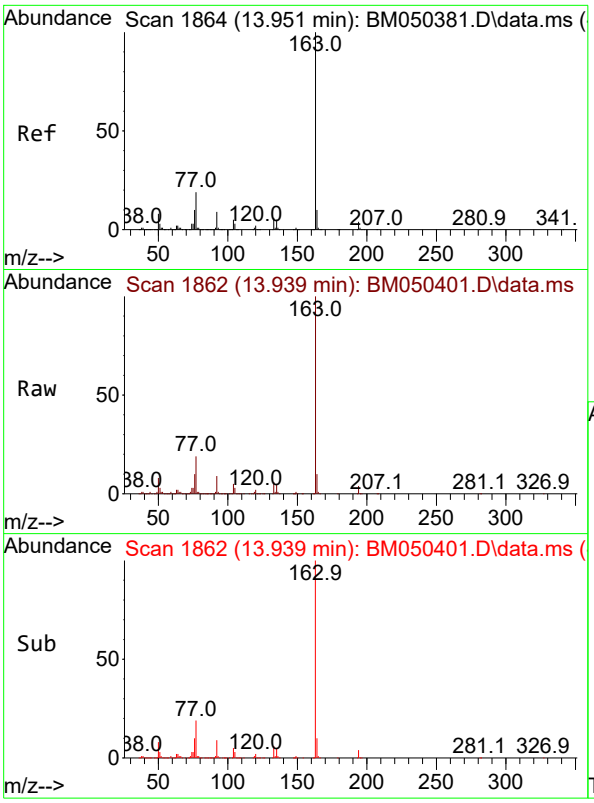


#45
2-Fluorobiphenyl
Concen: 80.057 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Tgt Ion:172 Resp: 8561125

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.7	41.5
170	23.7	18.8	28.2



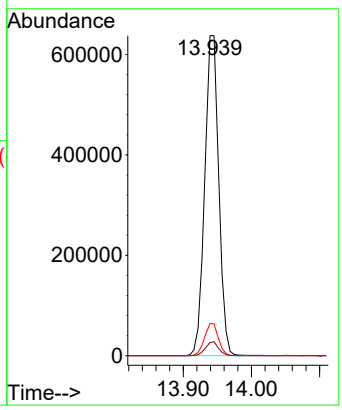


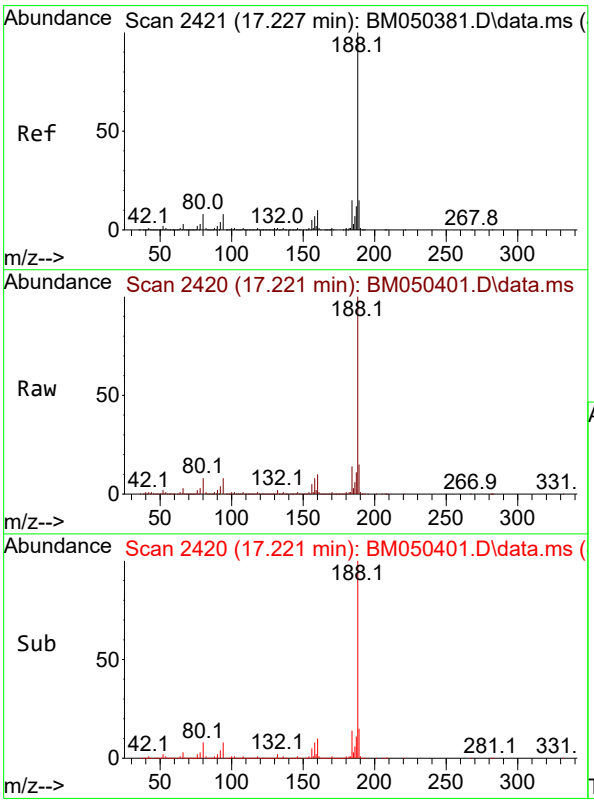
#50
Dimethylphthalate
Concen: 10.058 ng
RT: 13.939 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Instrument :
BNA_M
ClientSampleId :
G3(0-6)

Tgt Ion:163 Resp: 914525

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.1	8.2	12.2

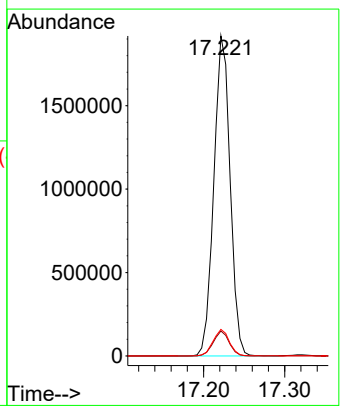


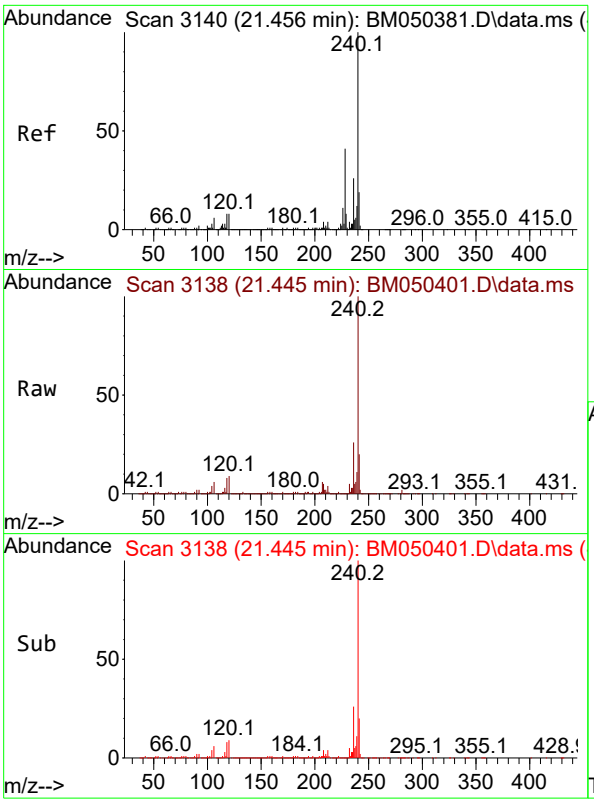


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Tgt Ion:188 Resp: 2672284

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.0	9.0
80	8.3	6.5	9.7



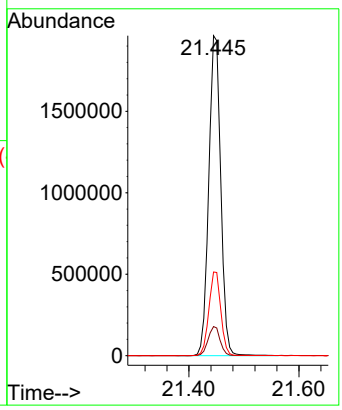


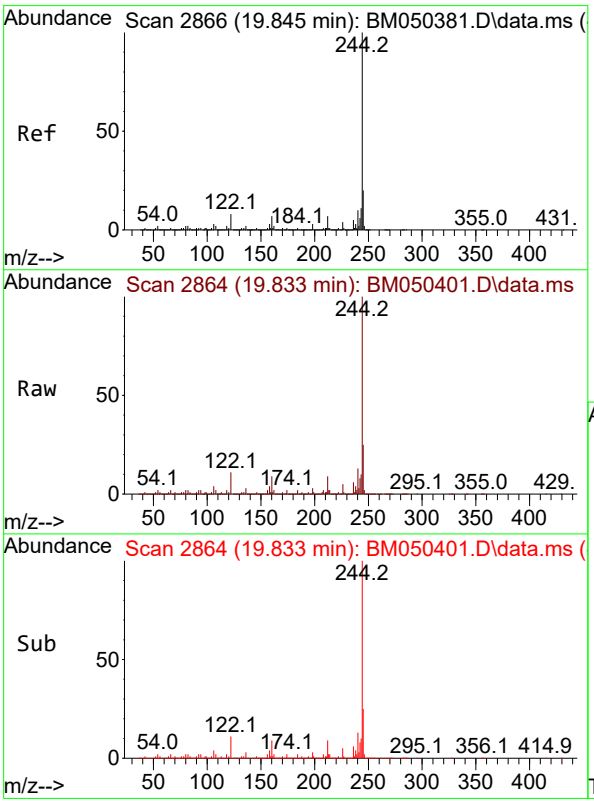
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Instrument :
BNA_M
ClientSampleId :
G3(0-6)

Tgt Ion:240 Resp: 2968688

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.7	10.1
236	26.2	20.7	31.1

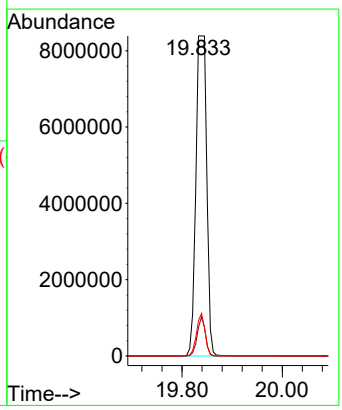


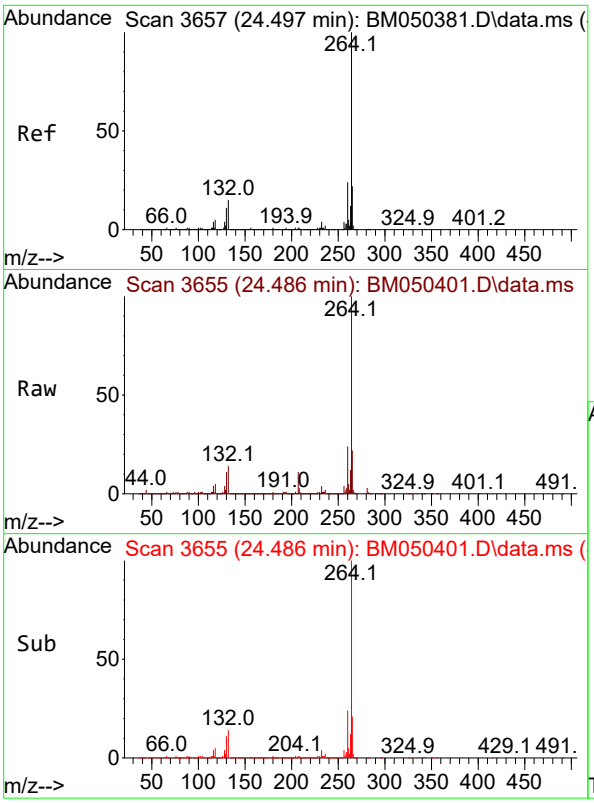


#79
Terphenyl-d14
Concen: 74.263 ng
RT: 19.833 min Scan# 2864
Delta R.T. -0.012 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Tgt Ion:244 Resp:12530171

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.7	8.5#
122	11.1	6.2	9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.486 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050401.D
Acq: 10 Jul 2025 22:39

Instrument :
BNA_M
ClientSampleId :
G3(0-6)

Tgt Ion:264 Resp: 3080582

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.8	26.6