Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050063.D
Acq On : 01 May 2025 14:04
Operator : RC/JU
Sample : PB167779BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167779BL

Quant Time: May 01 14:50:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	362102	20.000	ng	-0.02
21) Naphthalene-d8	10.545	136	1207361	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	720688	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1342353	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1132572	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1130011	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2945826	142.456	ng	0.00
7) Phenol-d6	6.940	99	3469180	133.478	ng	-0.01
23) Nitrobenzene-d5	8.910	82	2142058	87.425	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1478724	138.765	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	5379270	88.299	ng	-0.02
79) Terphenyl-d14	19.768	244	8132476	106.253	ng	-0.01
Target Compounds						Qvalue

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

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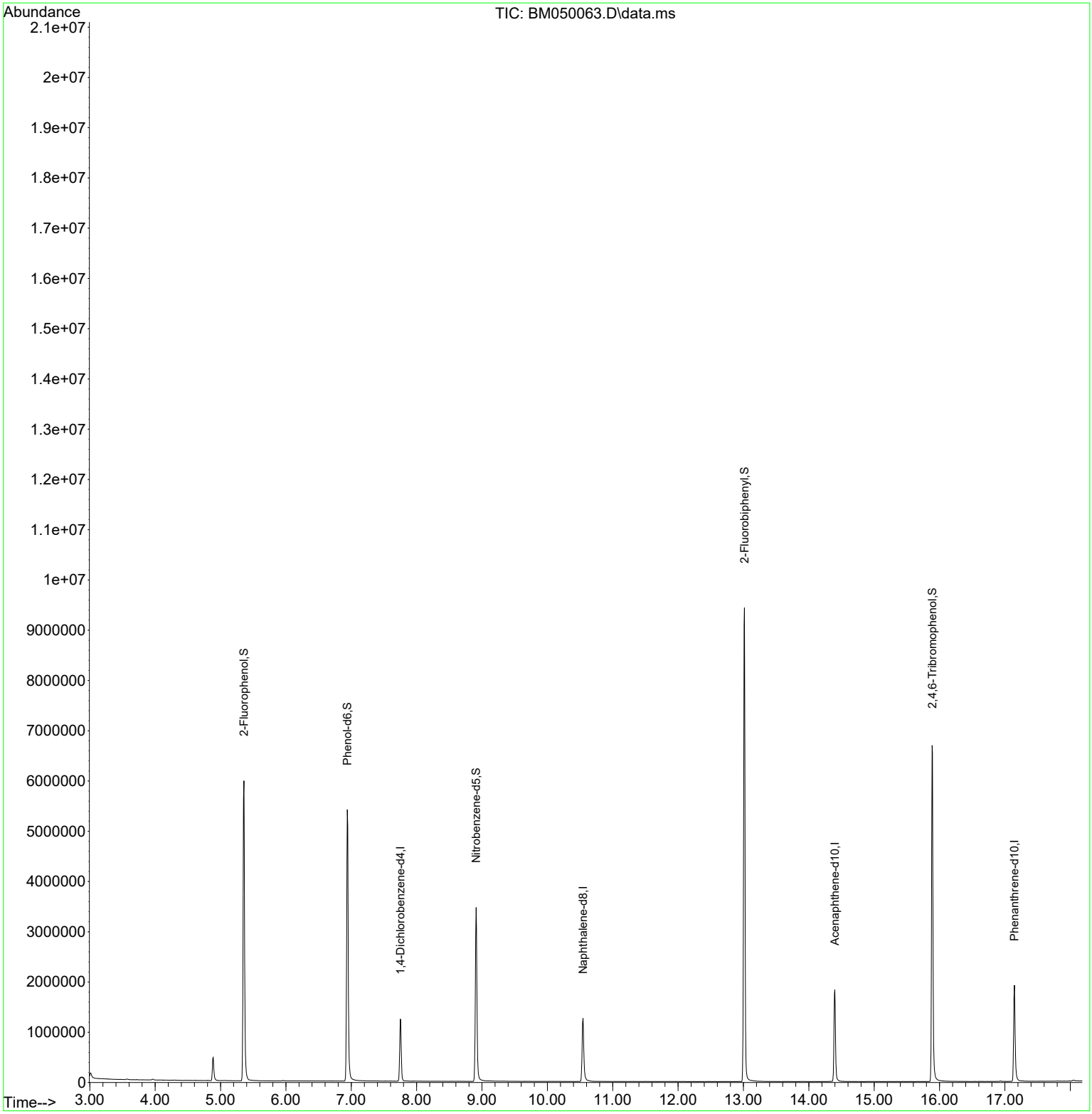

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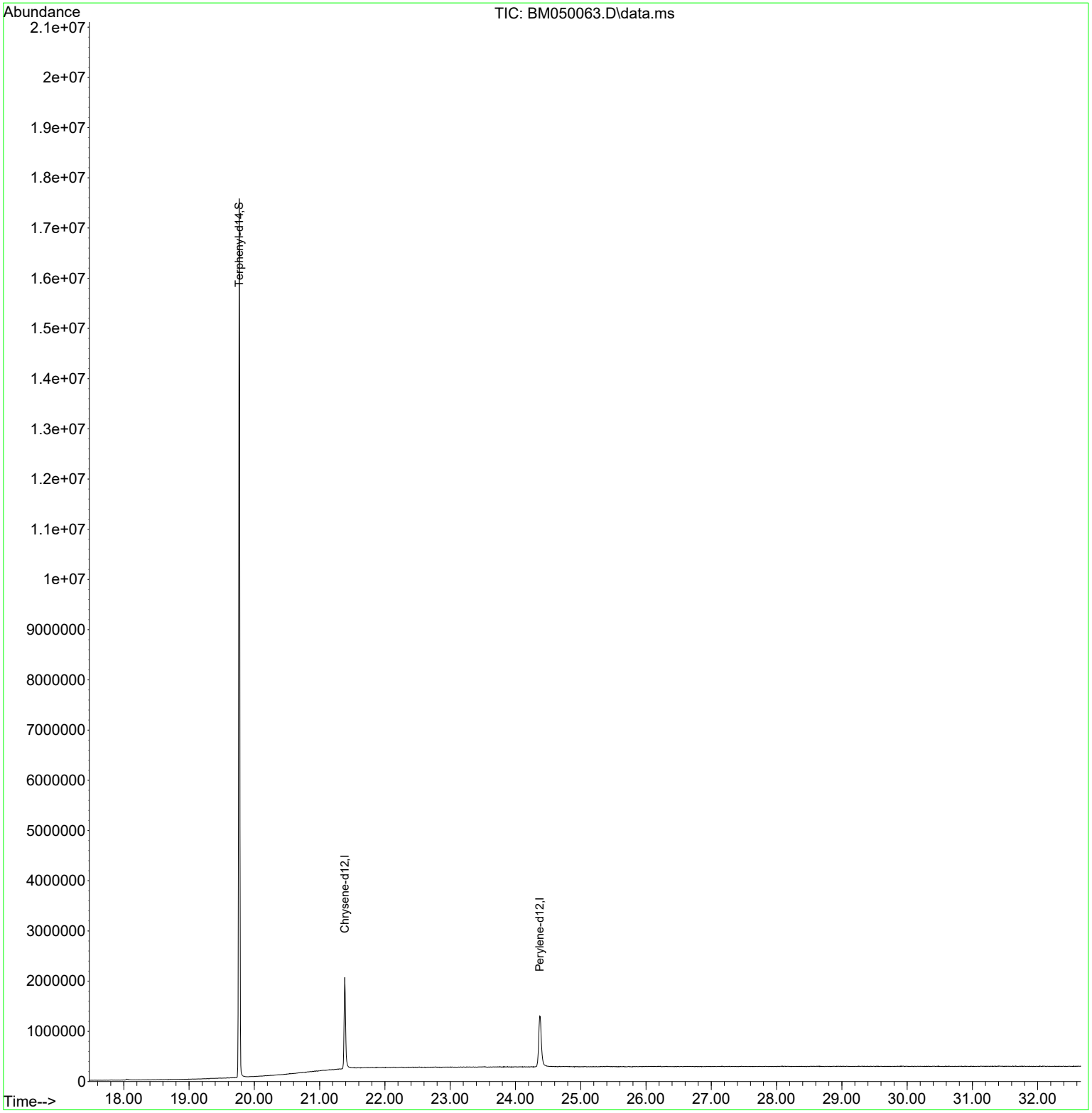
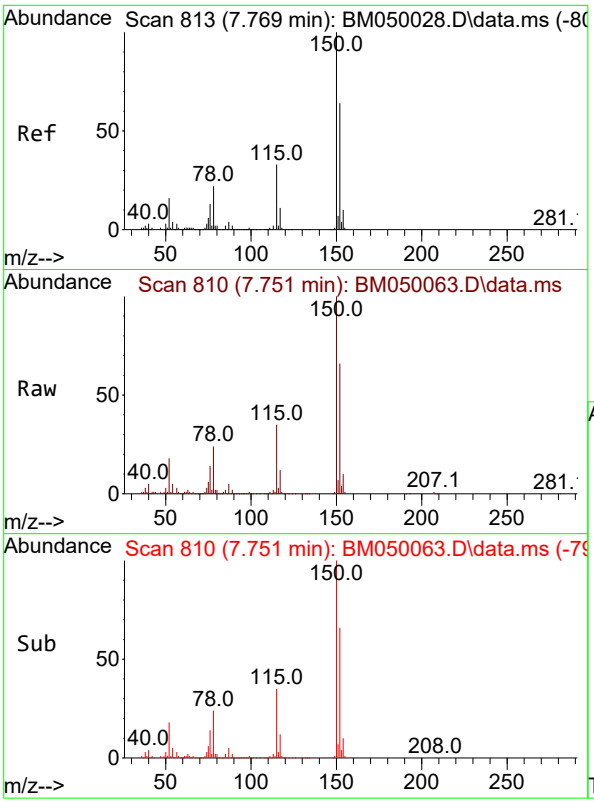


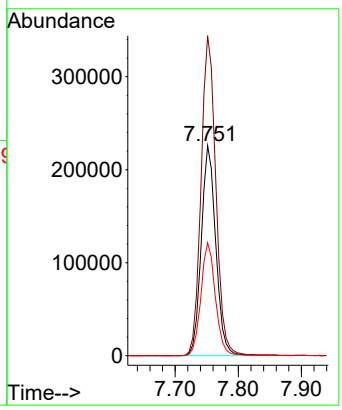


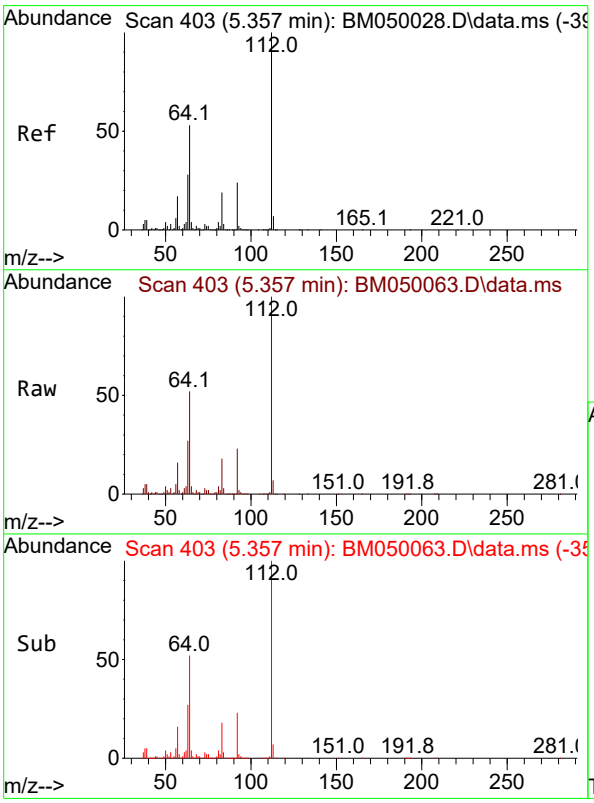
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Instrument :
BNA_M
ClientSampleId :
PB167779BL

Tgt Ion:152 Resp: 362102

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.1	186.1
115	53.8	41.2	61.8

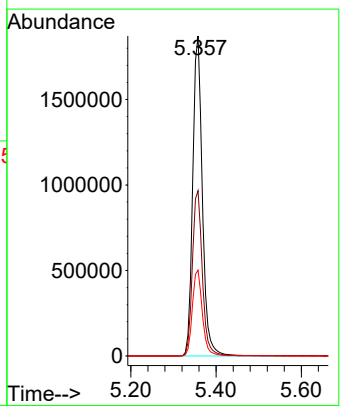


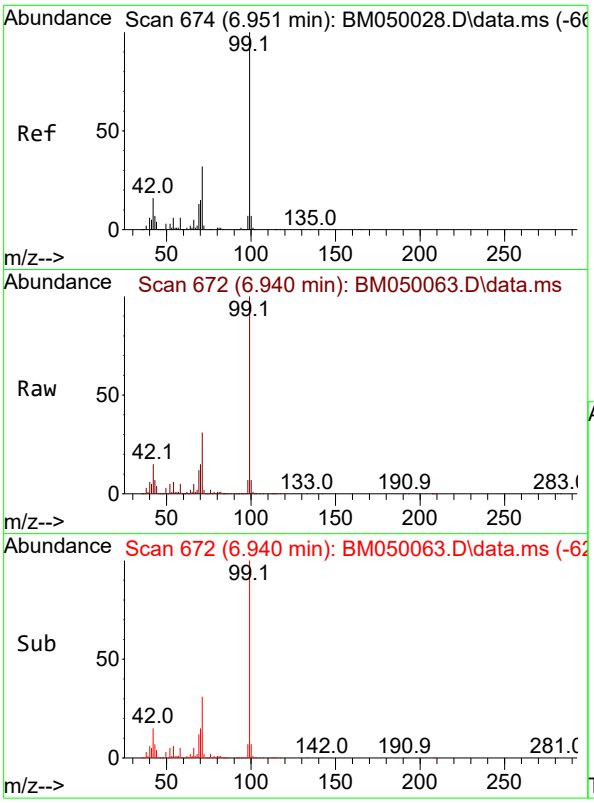


#5
2-Fluorophenol
Concen: 142.456 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:112 Resp: 2945826

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.6	64.0
63	26.8	22.2	33.4



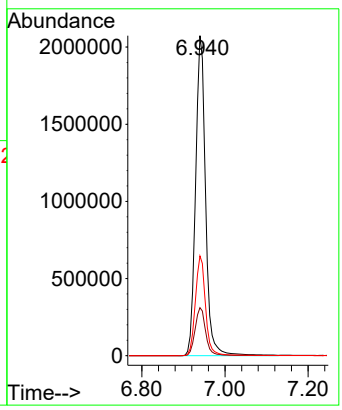


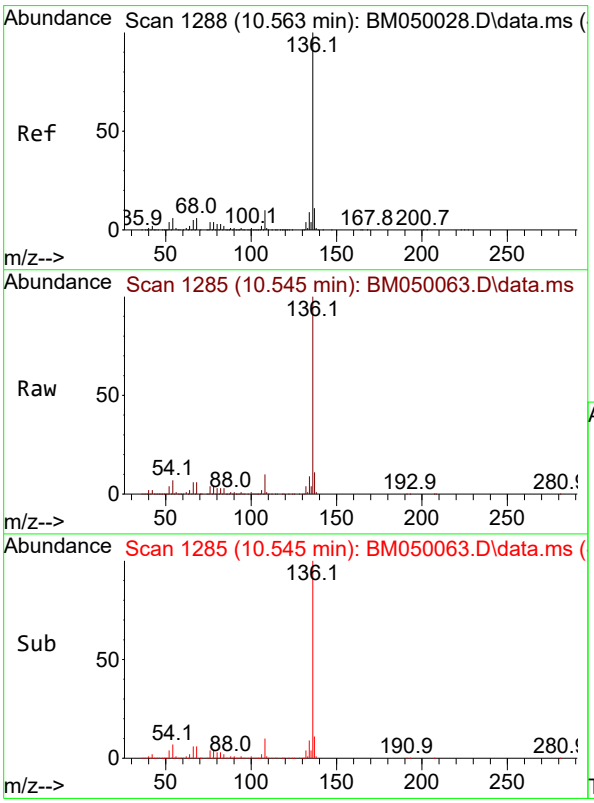
#7
Phenol-d6
Concen: 133.478 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Instrument :
BNA_M
ClientSampleId :
PB167779BL

Tgt Ion: 99 Resp: 3469180

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.0	19.4
71	31.2	25.6	38.4

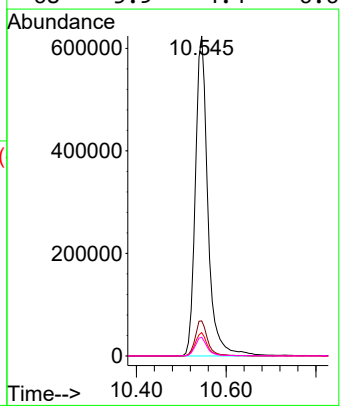


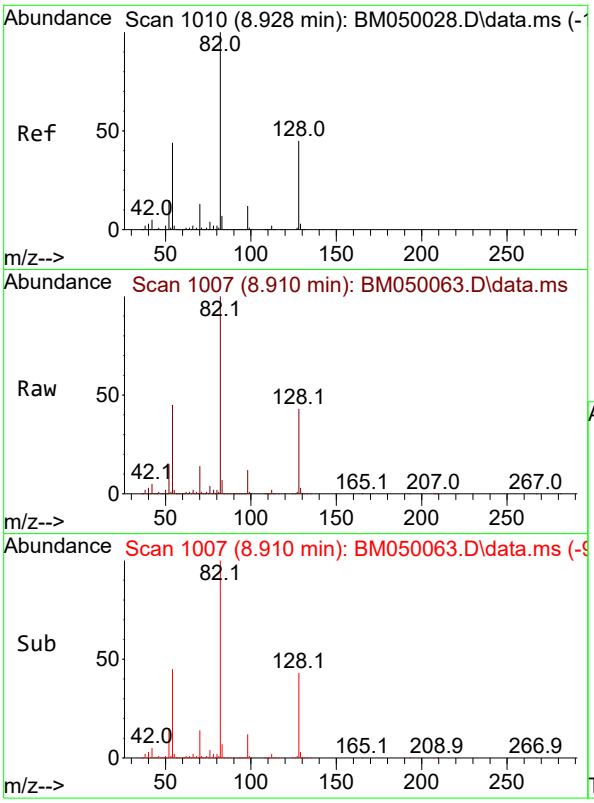


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:136 Resp: 1207361

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	5.1	7.7
68	5.9	4.4	6.6



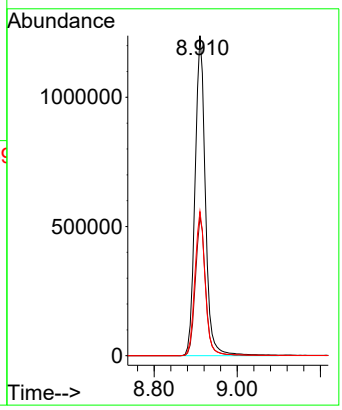


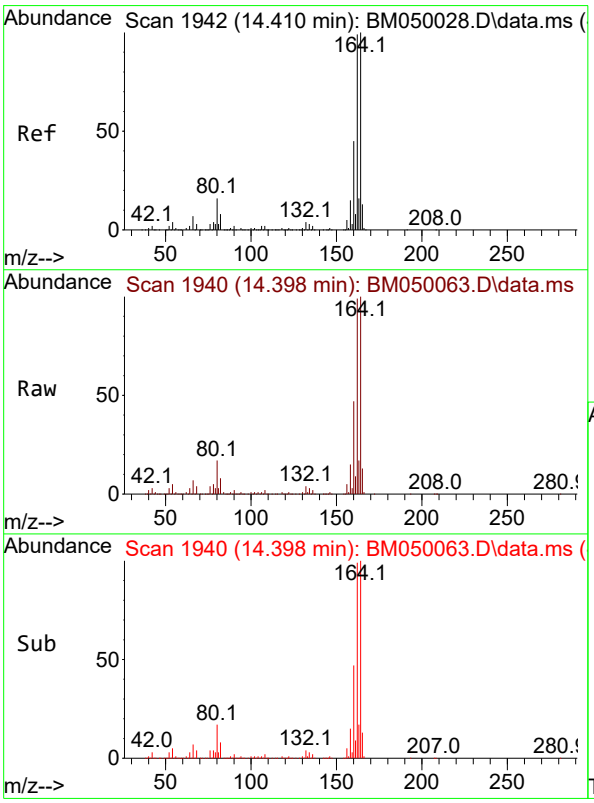
#23
Nitrobenzene-d5
Concen: 87.425 ng
RT: 8.910 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Instrument :
BNA_M
ClientSampleId :
PB167779BL

Tgt Ion: 82 Resp: 2142058

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	45.0	35.4	53.2

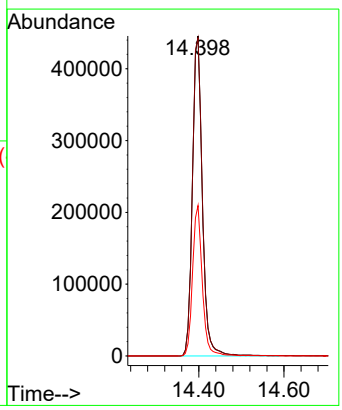


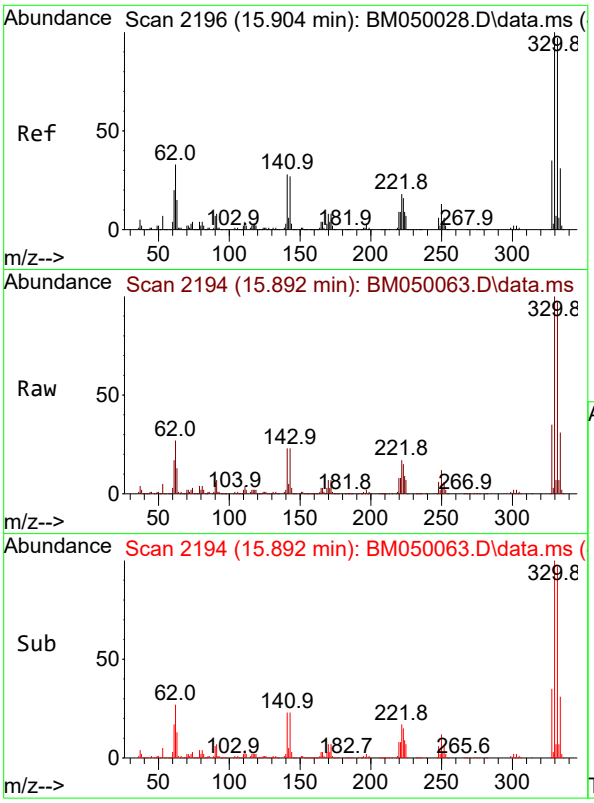


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:164 Resp: 720688

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	47.0	36.2	54.4



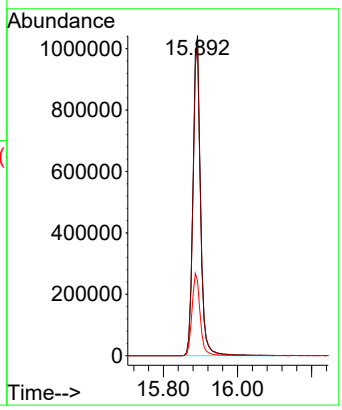


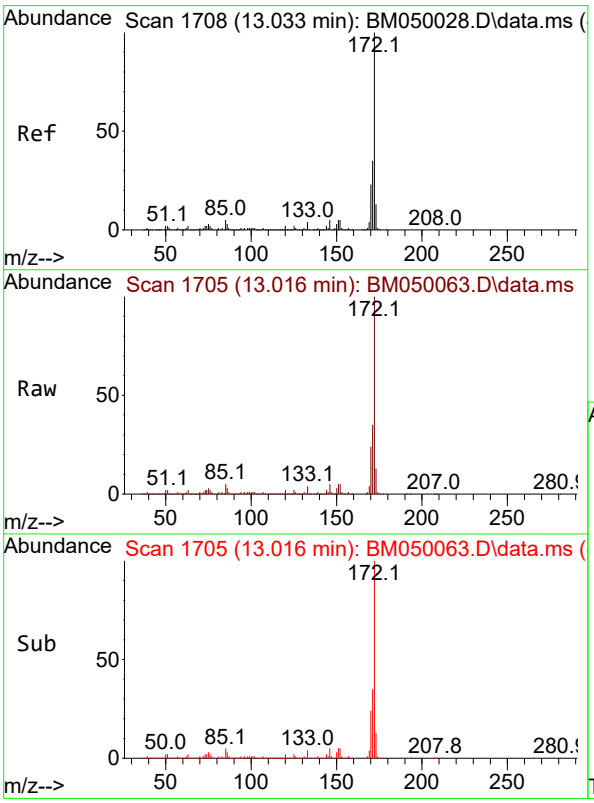
#42
2,4,6-Tribromophenol
Concen: 138.765 ng
RT: 15.892 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Instrument :
BNA_M
ClientSampleId :
PB167779BL

Tgt Ion:330 Resp: 1478724

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	27.8	22.5	33.7

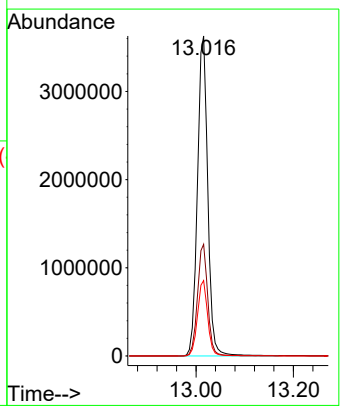


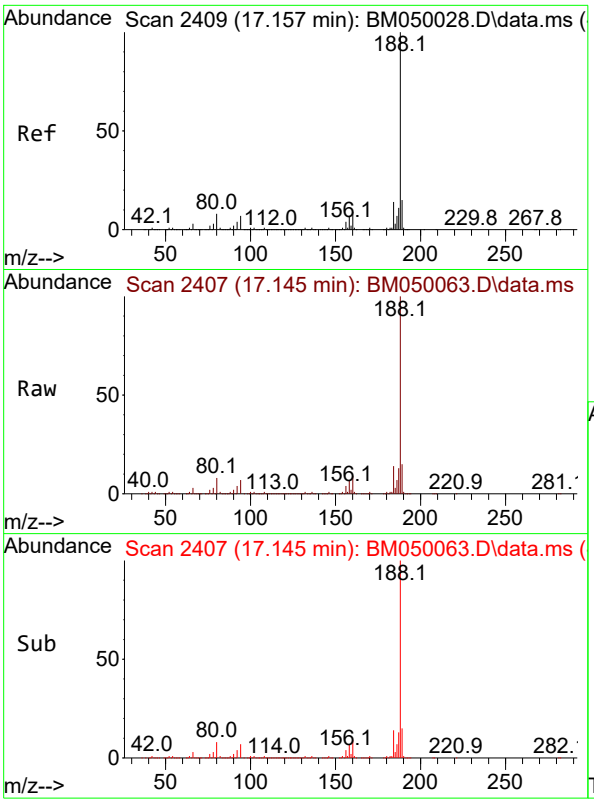


#45
2-Fluorobiphenyl
Concen: 88.299 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:172 Resp: 5379270

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.6	18.6	28.0



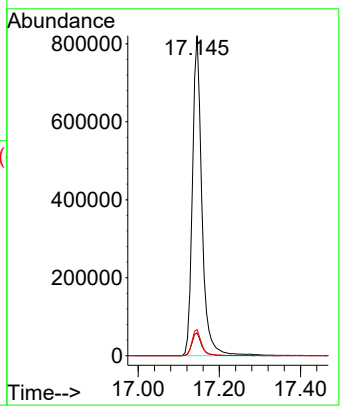


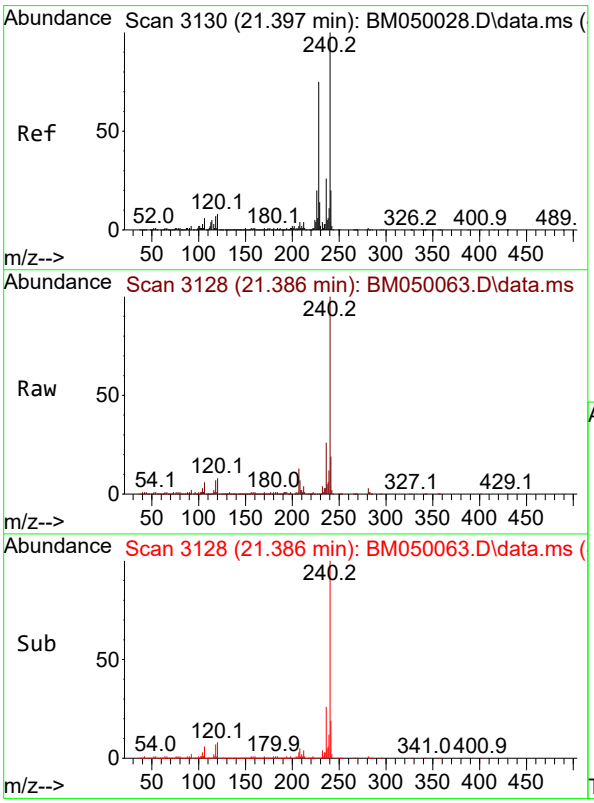
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Instrument :
BNA_M
ClientSampleId :
PB167779BL

Tgt Ion:188 Resp: 1342353

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	8.2	6.2	9.4

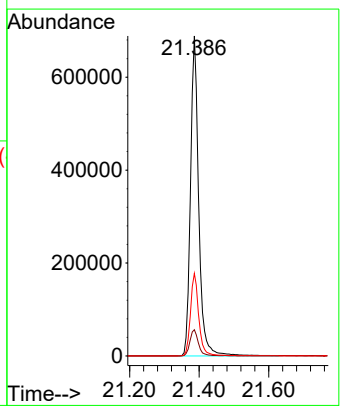


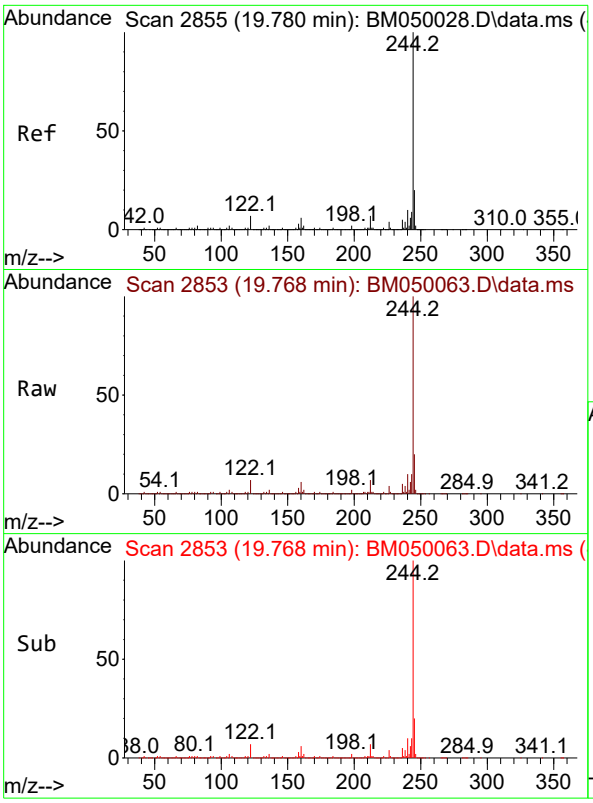


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:240 Resp: 1132572

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	25.8	20.9	31.3



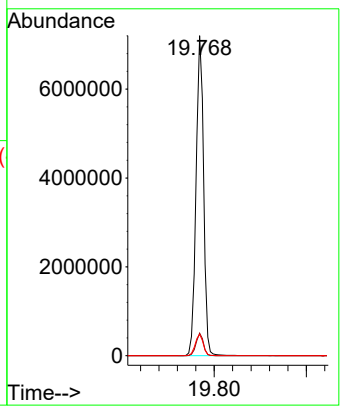


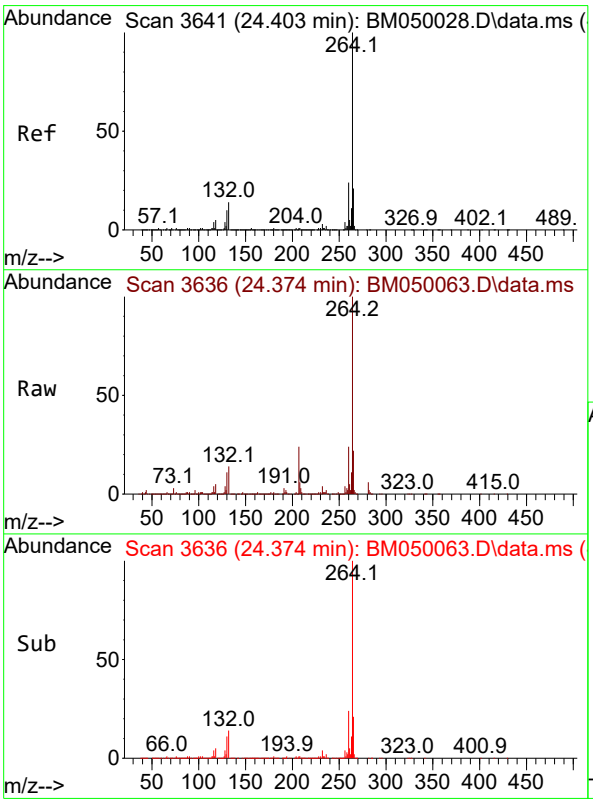
#79
Terphenyl-d14
Concen: 106.253 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Instrument :
BNA_M
ClientSampleId :
PB167779BL

Tgt Ion:244 Resp: 8132476

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.7	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:264 Resp: 1130011

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.6	17.0	25.4