Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050448.D
Acq On : 15 Jul 2025 10:10
Operator : RC/JU
Sample : PB168845BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168845BL

Quant Time: Jul 15 10:53:50 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	7.857	152	523100	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1859188	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	1153910	20.000	ng	-0.01
64) Phenanthrene-d10	17.215	188	2194023	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	2232959	20.000	ng	-0.02
86) Perylene-d12	24.468	264	2515738	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3946471	129.863	ng	0.00
7) Phenol-d6	7.022	99	4832536	126.145	ng	0.00
23) Nitrobenzene-d5	9.010	82	2858462	78.439	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	1972178	140.668	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7350571	78.667	ng	-0.01
79) Terphenyl-d14	19.827	244	10843091	85.438	ng	-0.02
Target Compounds						Qvalue

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

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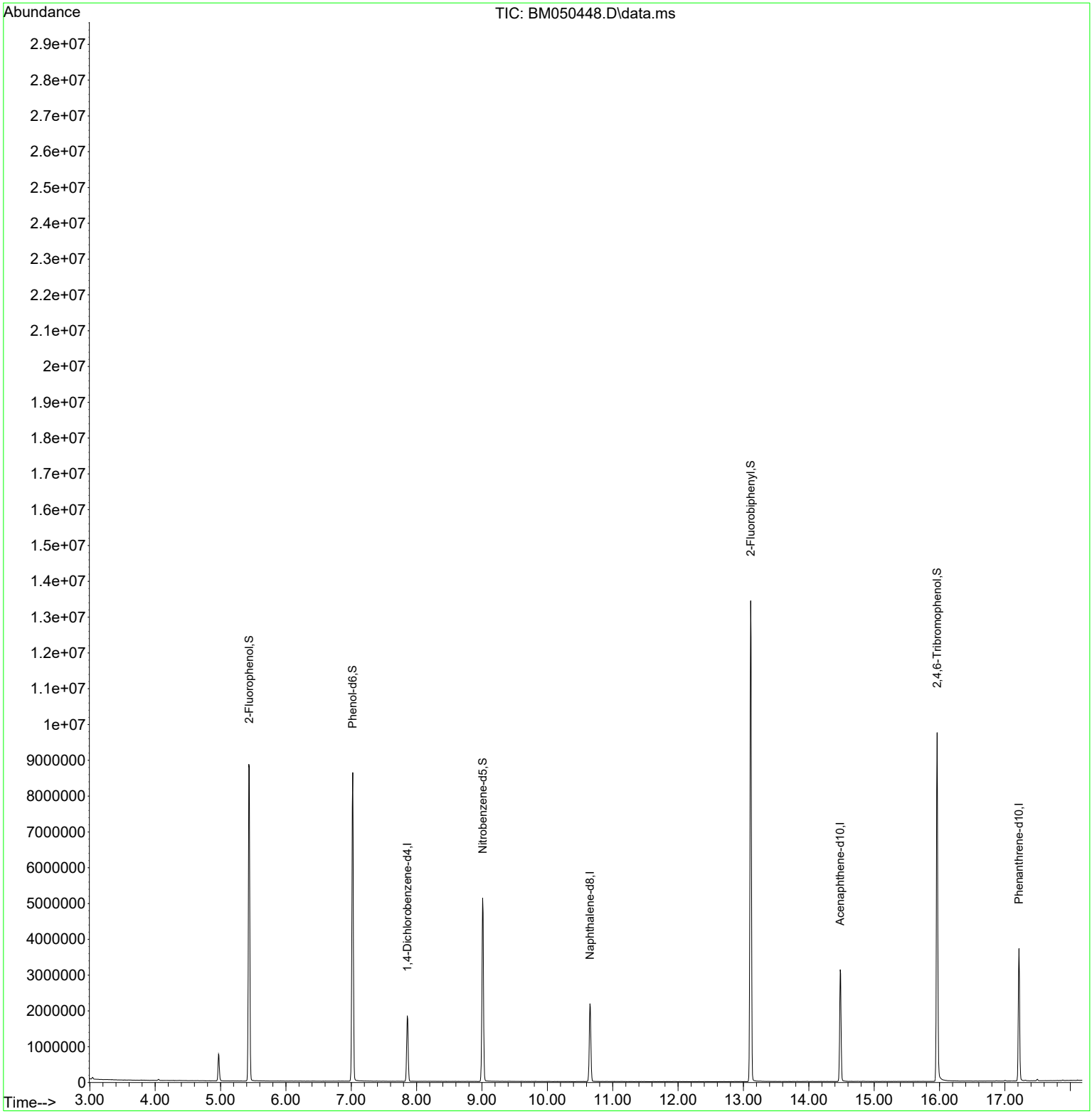

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050448.D
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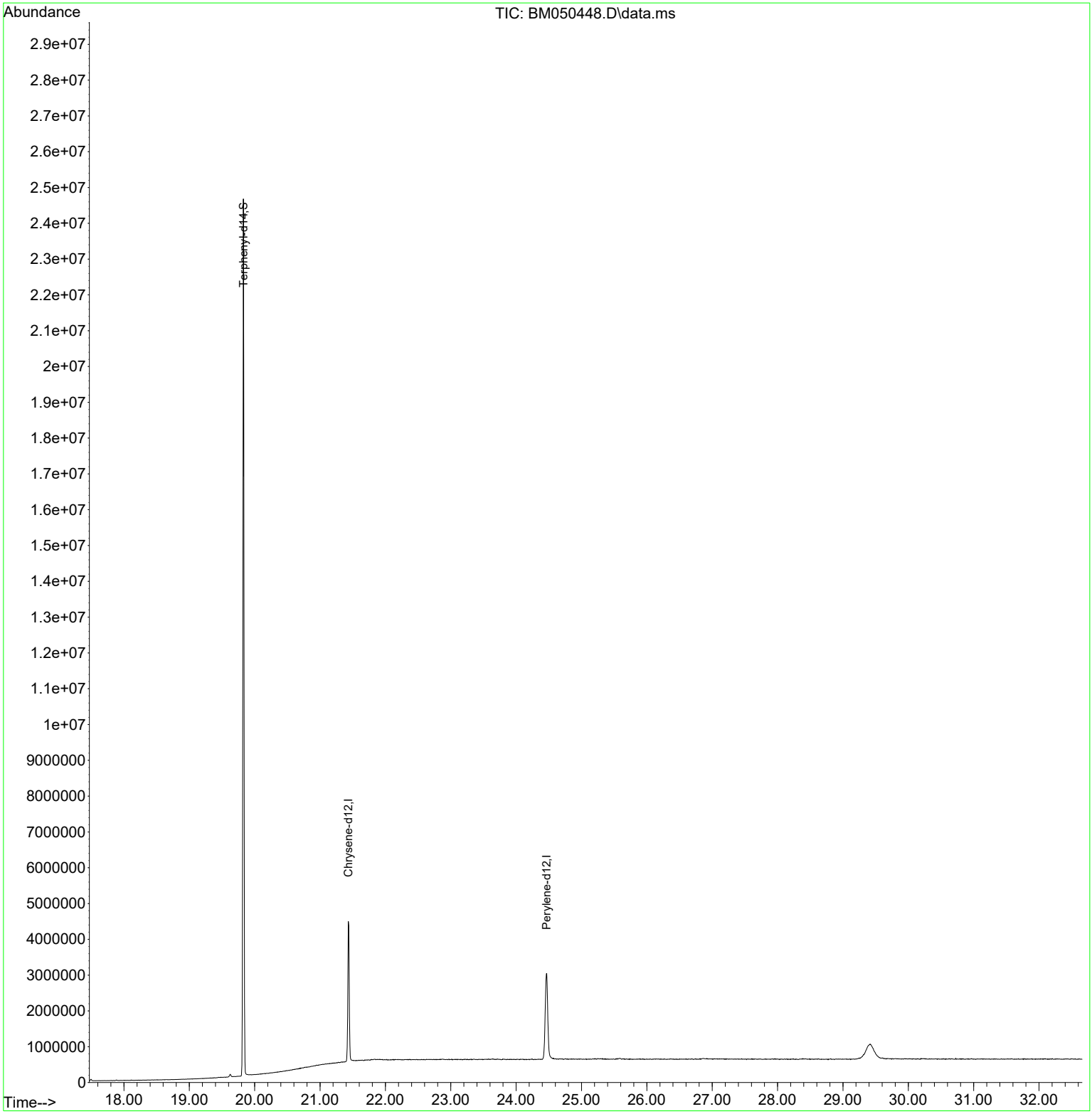
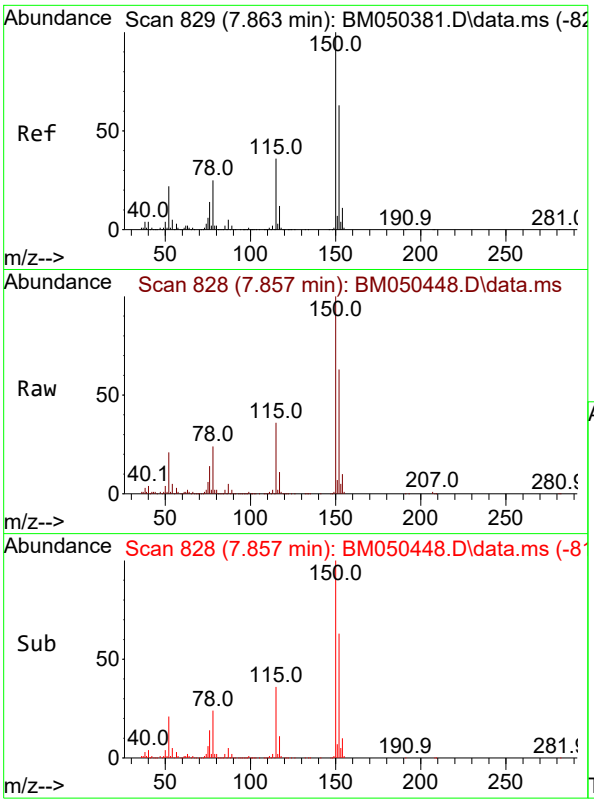


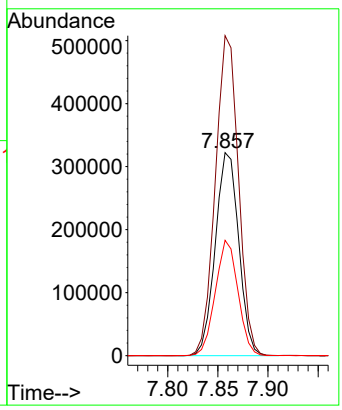


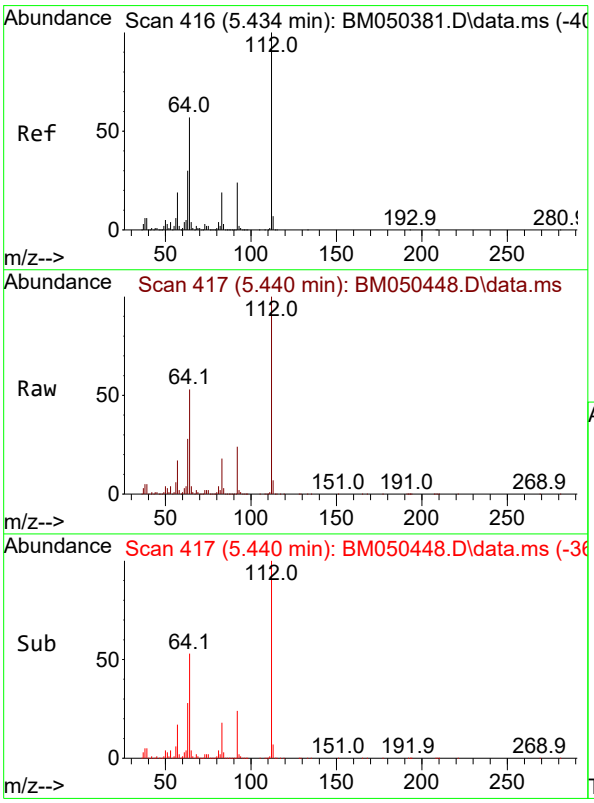
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Instrument :
BNA_M
ClientSampleId :
PB168845BL

Tgt Ion:152 Resp: 523100

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.4
115	56.8	45.8	68.8

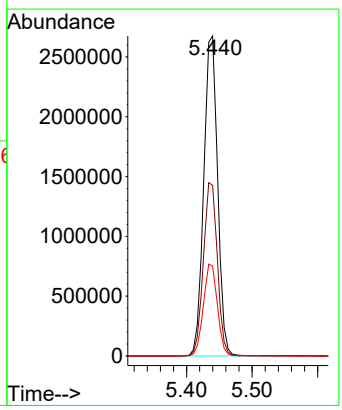


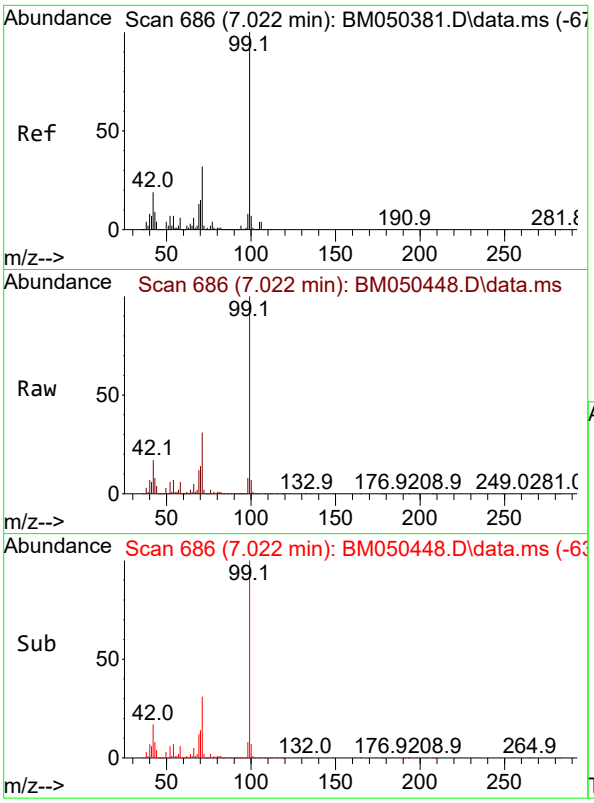


#5
2-Fluorophenol
Concen: 129.863 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion:112 Resp: 3946471

Ion	Ratio	Lower	Upper
112	100		
64	53.3	45.5	68.3
63	28.1	24.2	36.4



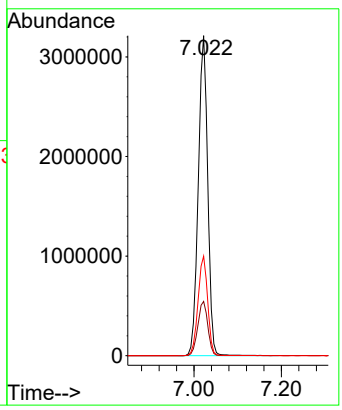


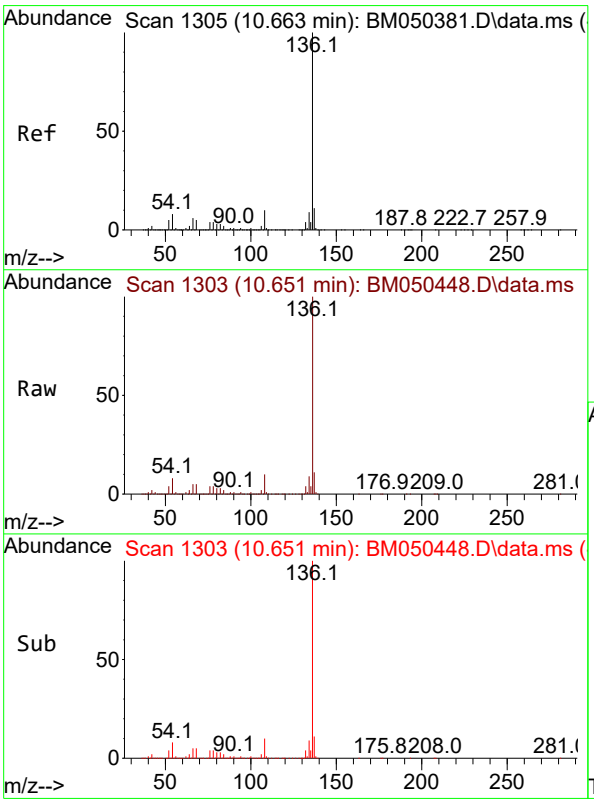
#7
Phenol-d6
Concen: 126.145 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Instrument :
BNA_M
ClientSampleId :
PB168845BL

Tgt Ion: 99 Resp: 4832536

Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.0	22.6
71	31.1	25.9	38.9

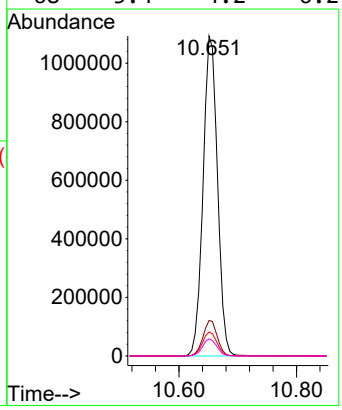


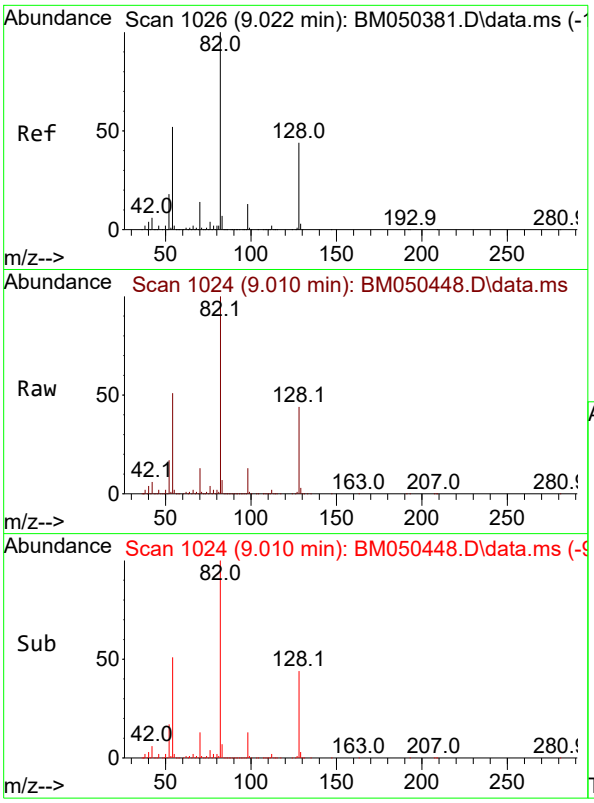


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion:136 Resp: 1859188

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.5	6.3	9.5
68	5.4	4.2	6.2



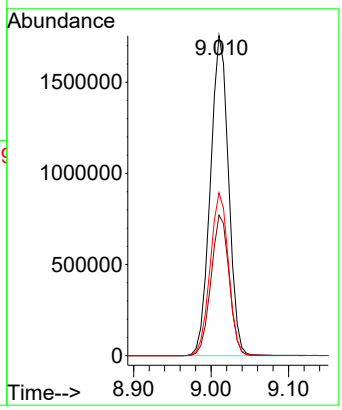


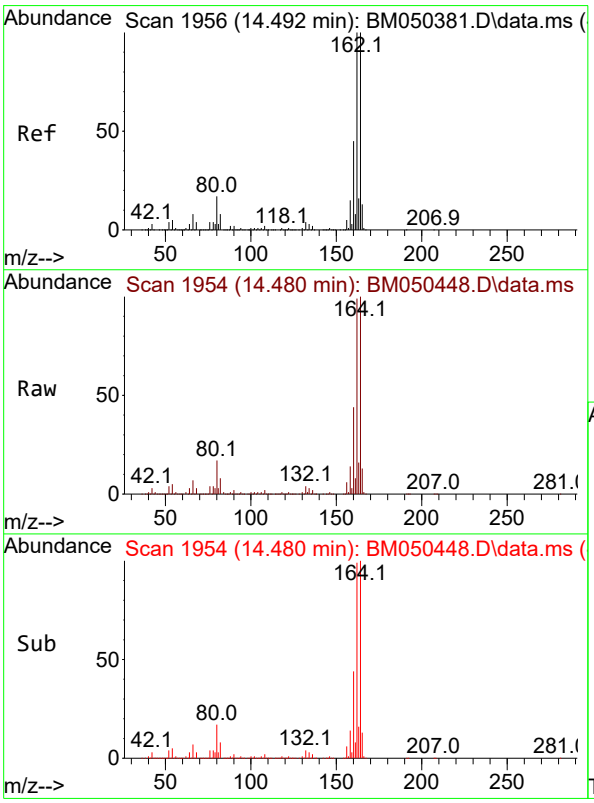
#23
Nitrobenzene-d5
Concen: 78.439 ng
RT: 9.010 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Instrument :
BNA_M
ClientSampleId :
PB168845BL

Tgt Ion: 82 Resp: 2858462

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.2	52.8
54	50.9	41.5	62.3

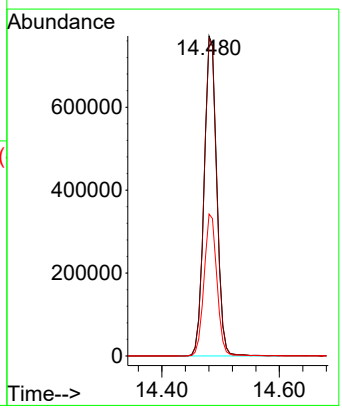


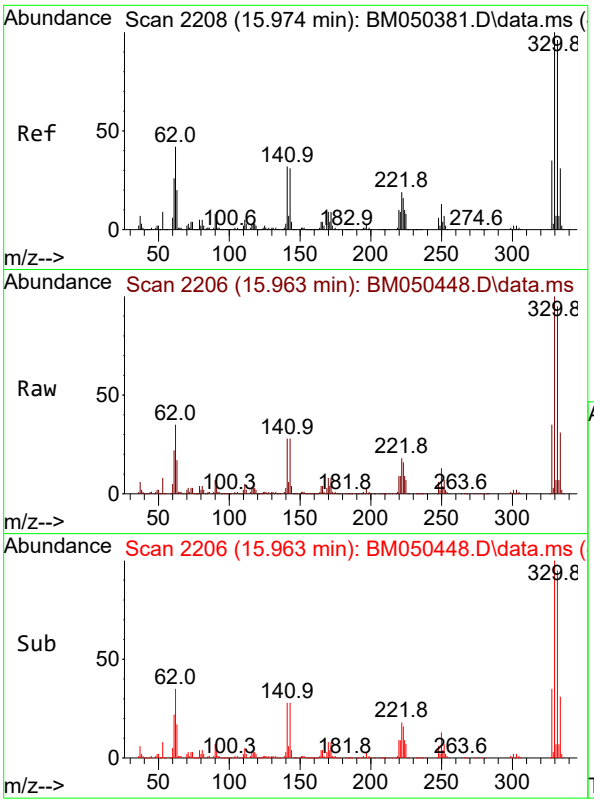


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion:164 Resp: 1153910

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.9	119.9
160	44.3	36.2	54.4



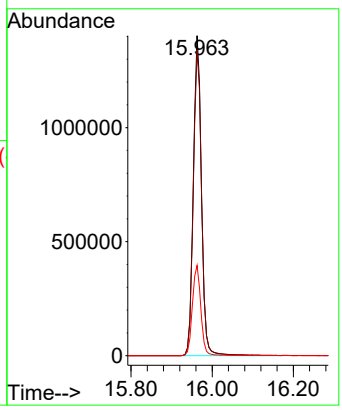


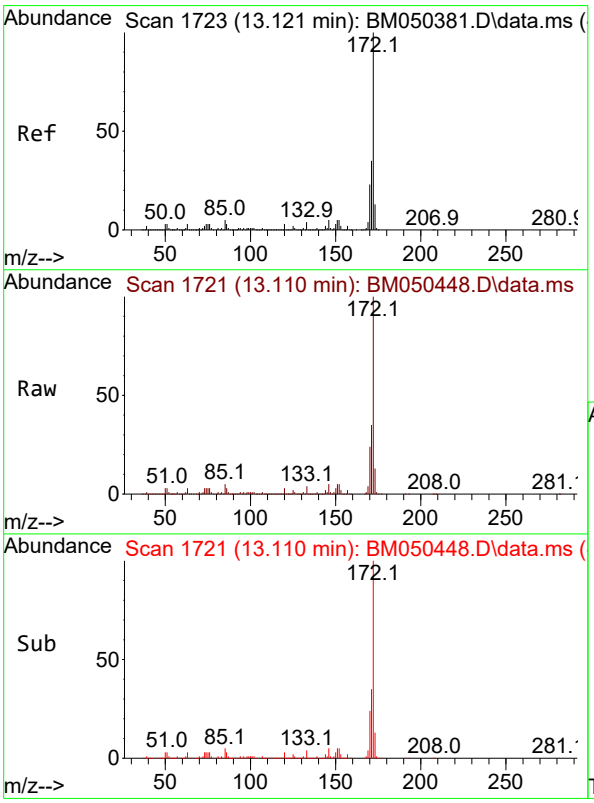
#42
2,4,6-Tribromophenol
Concen: 140.668 ng
RT: 15.963 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Instrument :
BNA_M
ClientSampleId :
PB168845BL

Tgt Ion:330 Resp: 1972178

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	29.2	27.4	41.0

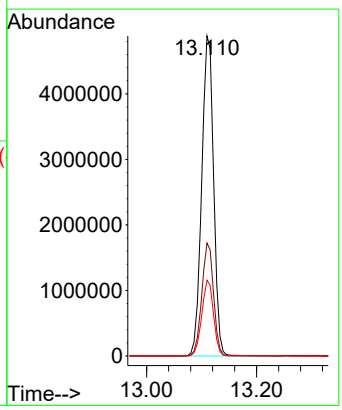


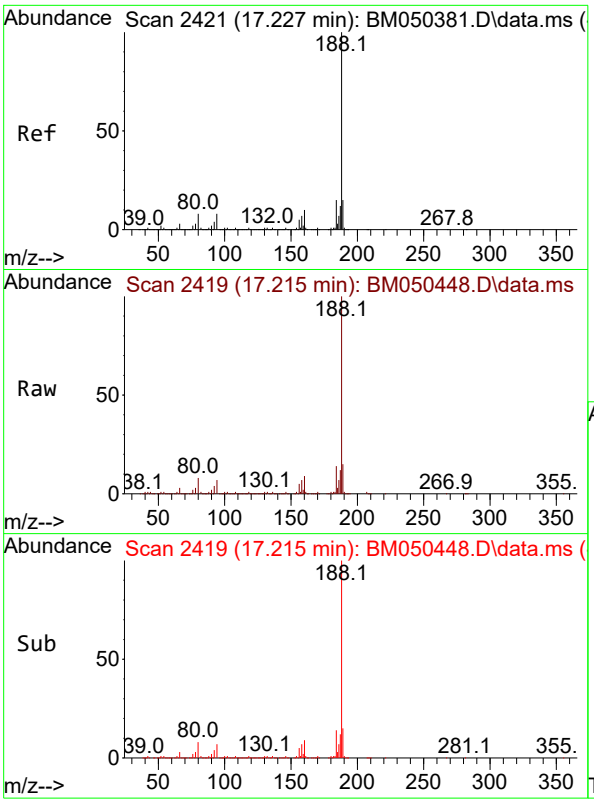


#45
2-Fluorobiphenyl
Concen: 78.667 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion:172 Resp: 7350571

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.7	41.5
170	23.6	18.8	28.2



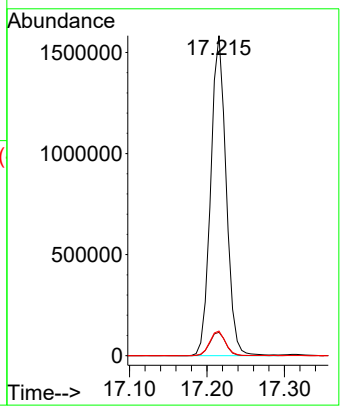


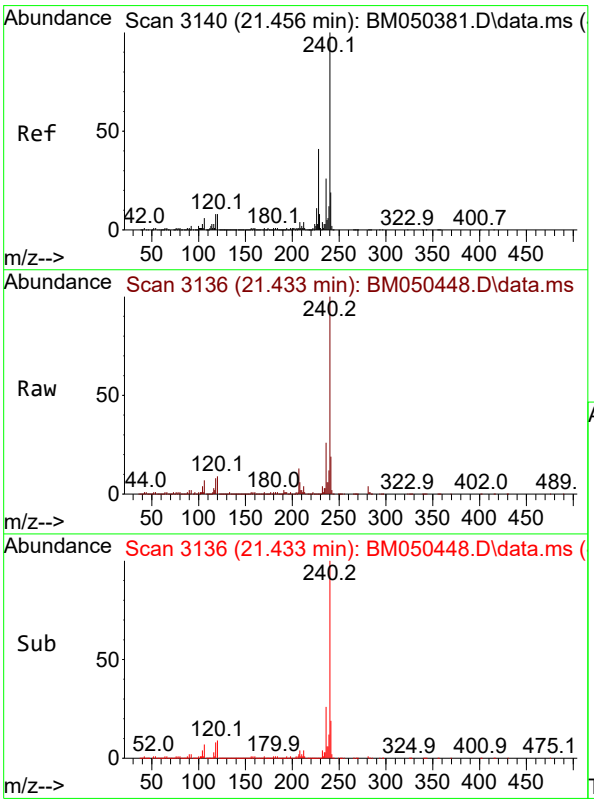
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Instrument :
BNA_M
ClientSampleId :
PB168845BL

Tgt Ion:188 Resp: 2194023

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	7.7	6.5	9.7

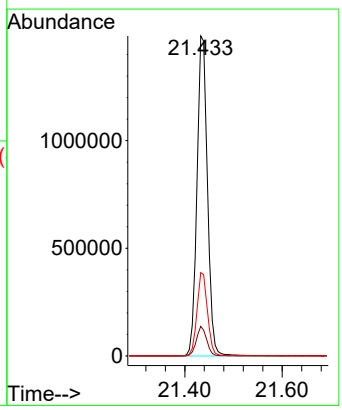


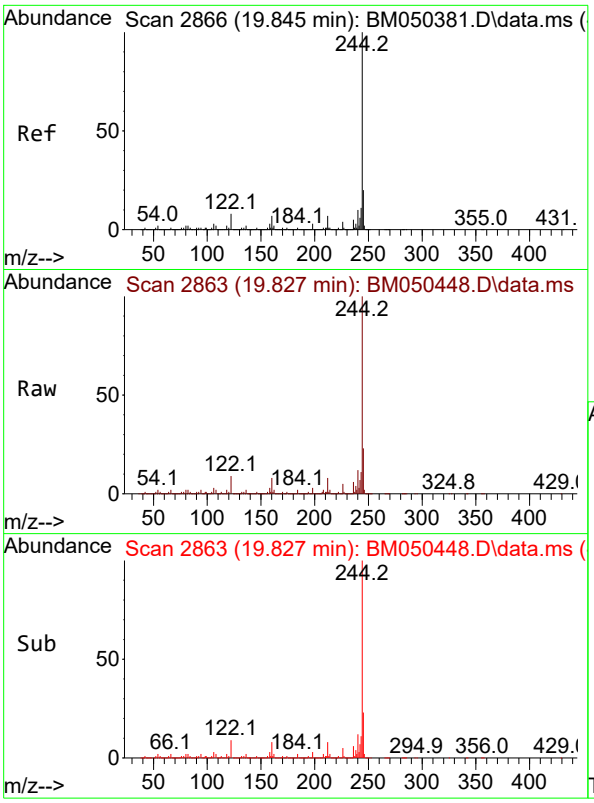


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.023 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion:240 Resp: 2232959

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.7	10.1
236	26.1	20.7	31.1



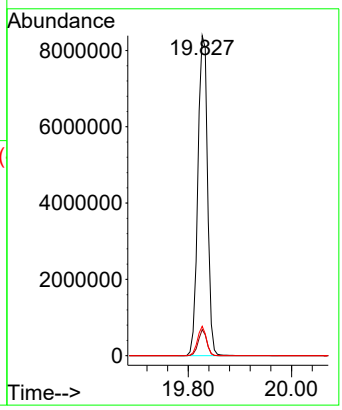


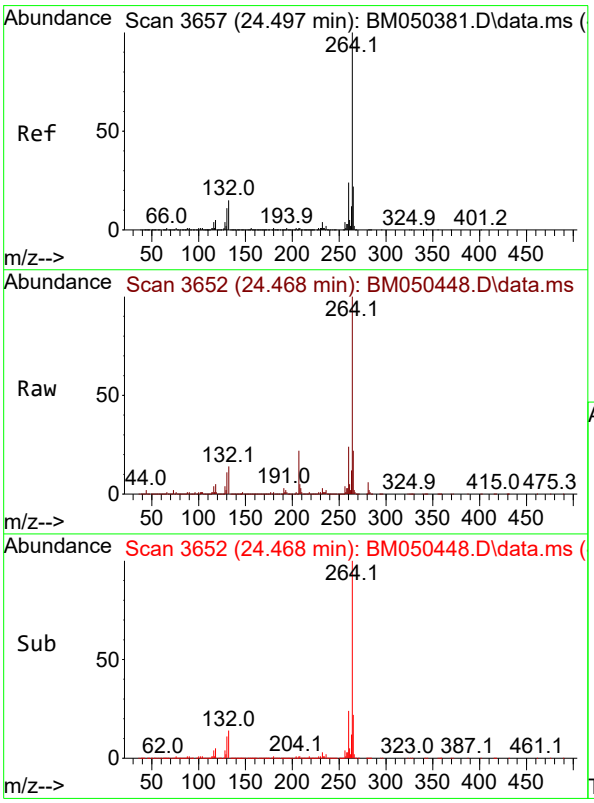
#79
Terphenyl-d14
Concen: 85.438 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Instrument :
BNA_M
ClientSampleId :
PB168845BL

Tgt Ion:244 Resp:10843091

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	9.2	6.2	9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.029 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion:264 Resp: 2515738

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.8	26.6