Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
Data File : BM050305.D
Acq On : 13 Jun 2025 18:29
Operator : RC/JU
Sample : Q2295-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP01-MH1-WC

Quant Time: Jun 13 23:19:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	426179	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1570236	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	848155	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1649184	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1661619	20.000	ng	-0.02
86) Perylene-d12	24.327	264	990702	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3570907	139.772	ng	0.00
7) Phenol-d6	6.934	99	4113999	122.325	ng	0.00
23) Nitrobenzene-d5	8.910	82	2875456	95.239	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1521361	157.700	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5883405	93.913	ng	-0.01
79) Terphenyl-d14	19.756	244	7948761	90.653	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.851	163	172413	3.006	ng	98

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

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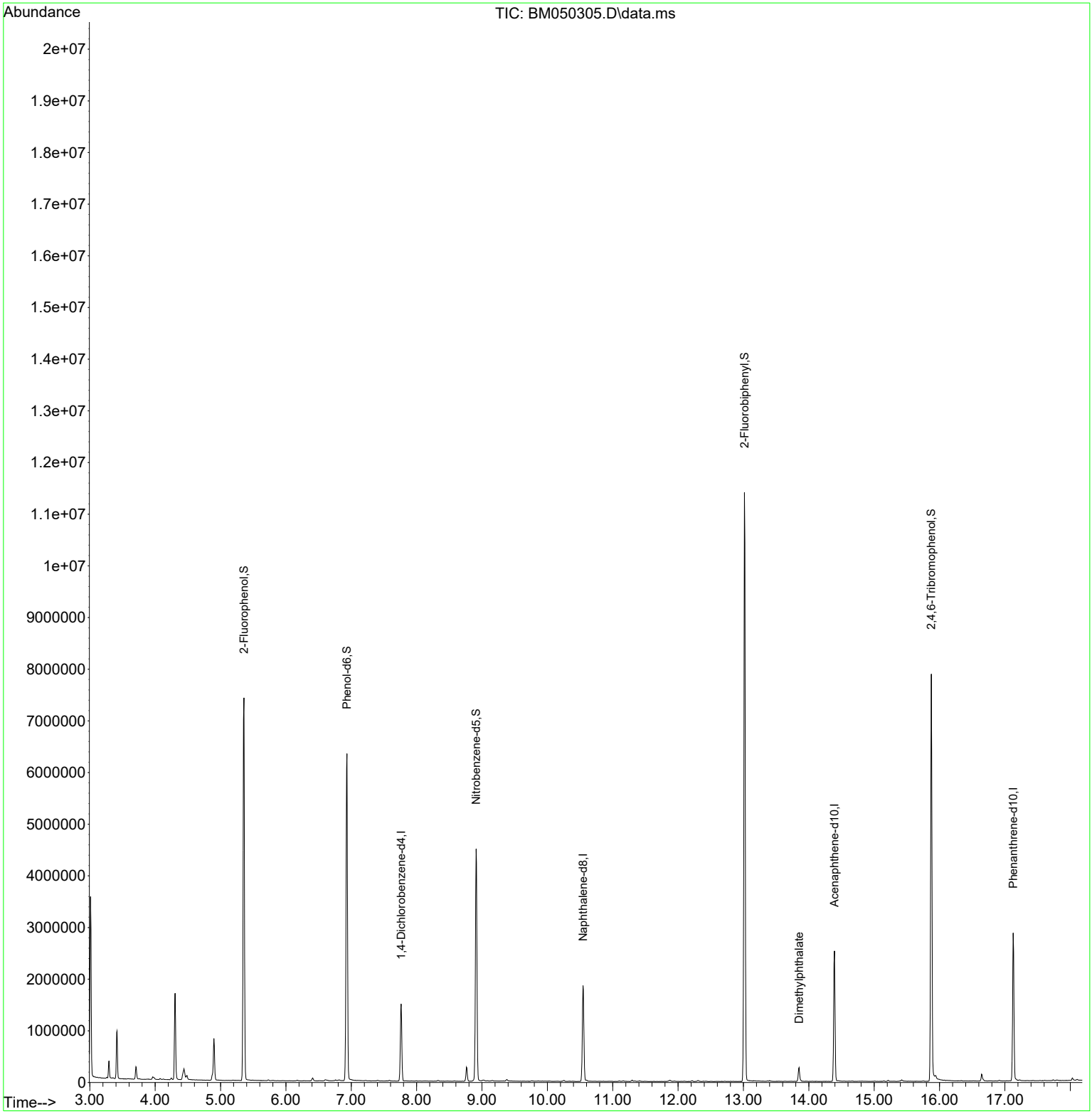

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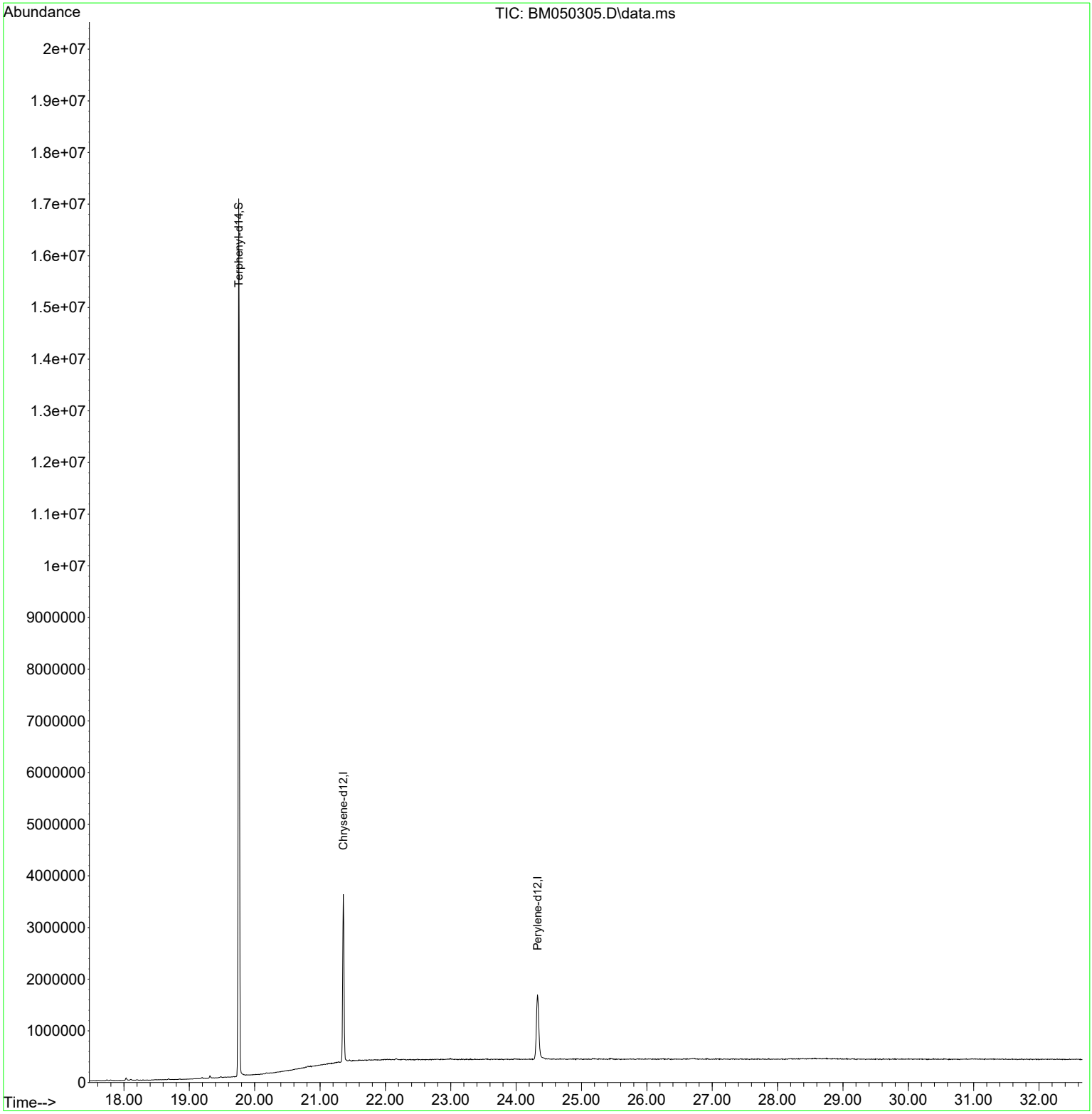
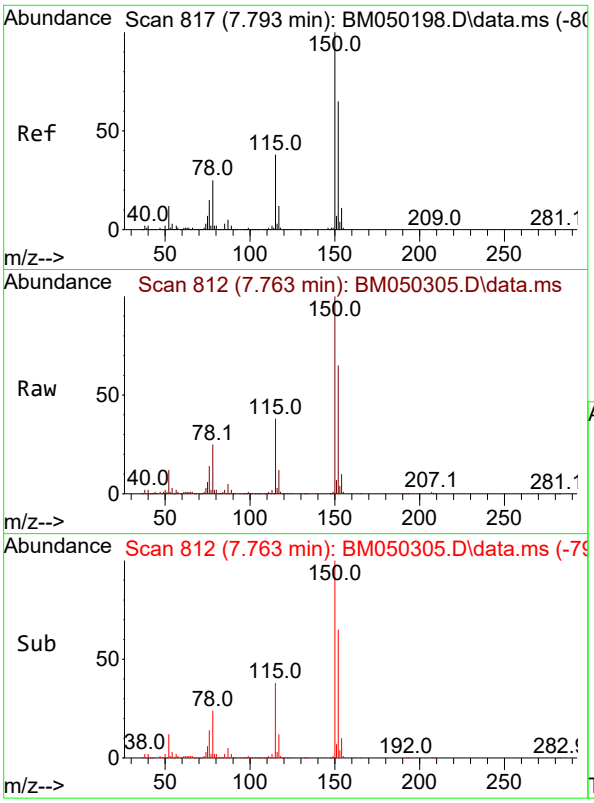


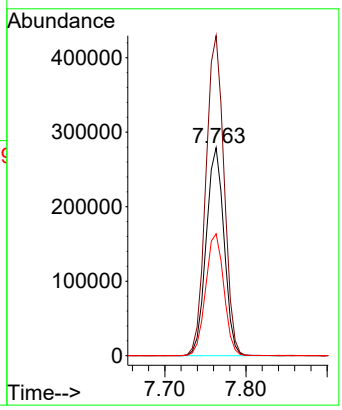


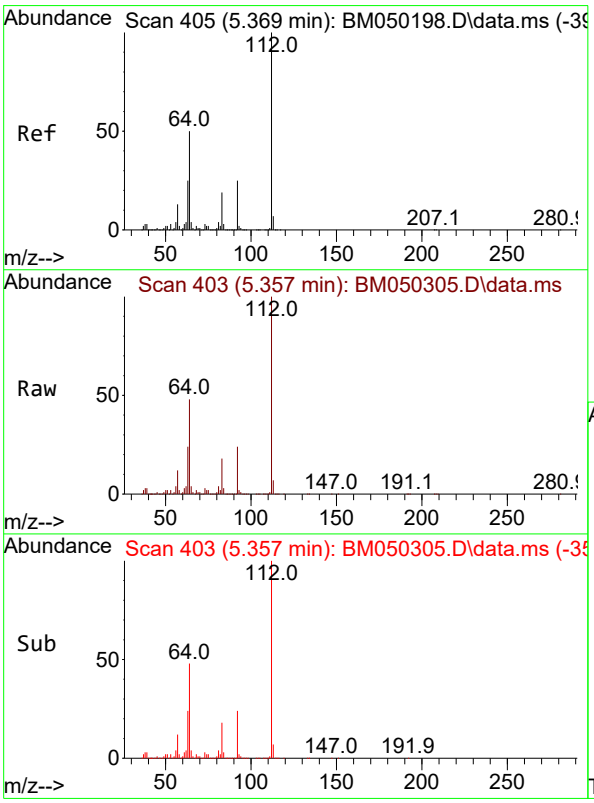
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Instrument :
BNA_M
ClientSampleId :
TP01-MH1-WC

Tgt Ion:152 Resp: 426179

Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.2	183.4
115	58.6	46.3	69.5

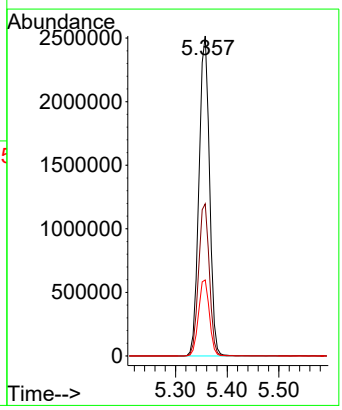


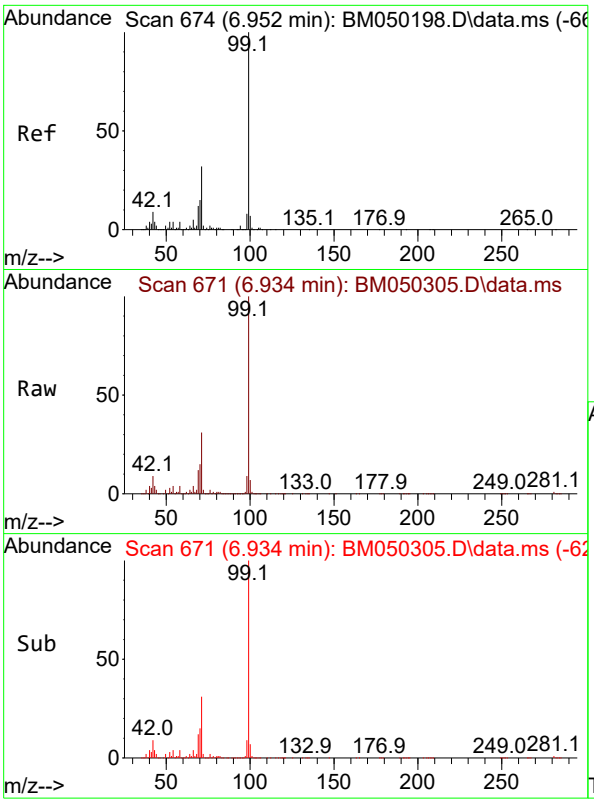


#5
2-Fluorophenol
Concen: 139.772 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Tgt Ion:112 Resp: 3570907

Ion	Ratio	Lower	Upper
112	100		
64	47.5	39.8	59.6
63	23.7	19.8	29.8



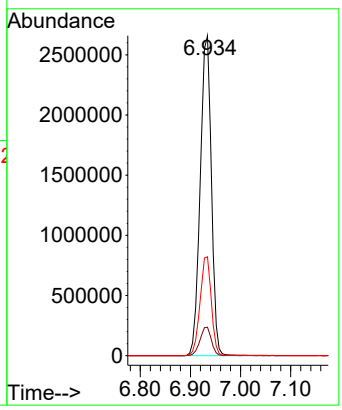


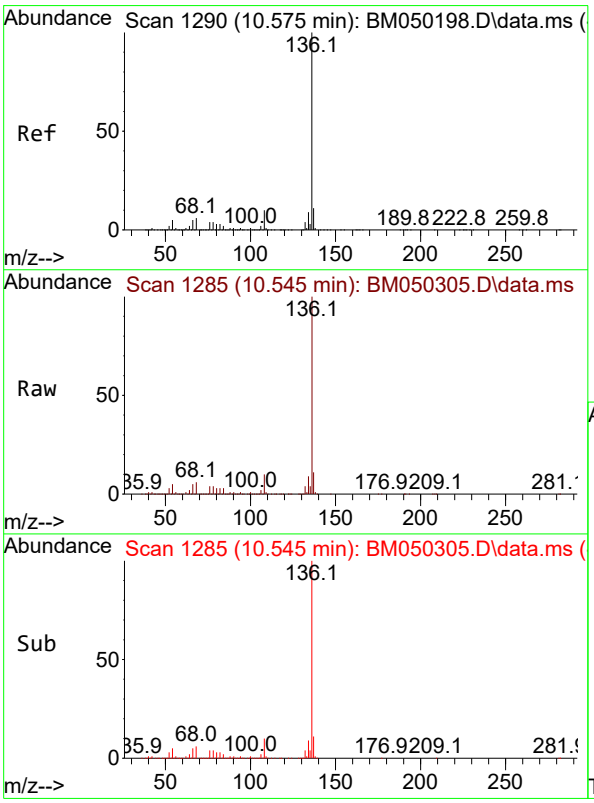
#7
Phenol-d6
Concen: 122.325 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Instrument :
BNA_M
ClientSampleId :
TP01-MH1-WC

Tgt Ion: 99 Resp: 4113999

Ion	Ratio	Lower	Upper
99	100		
42	8.9	6.9	10.3
71	30.9	25.3	37.9

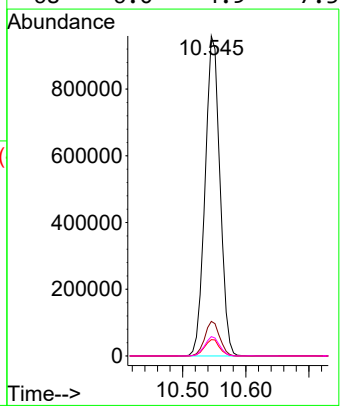


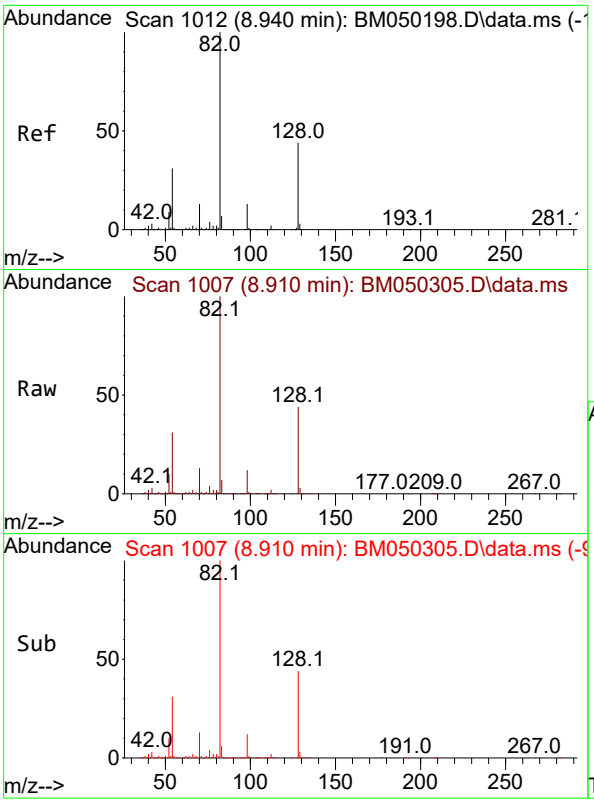


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Tgt Ion:136 Resp: 1570236

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.1	3.8	5.8
68	6.0	4.9	7.3



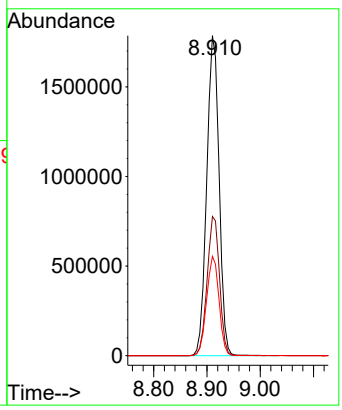


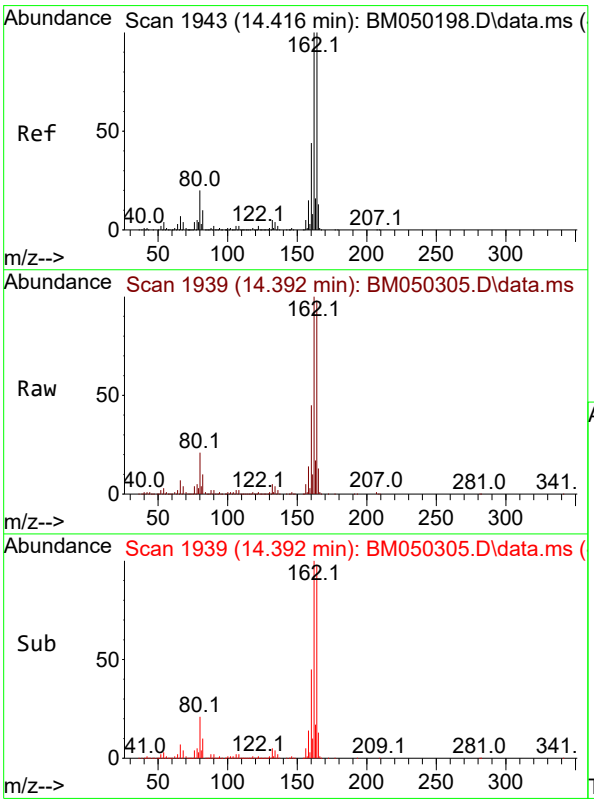
#23
Nitrobenzene-d5
Concen: 95.239 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Instrument :
BNA_M
ClientSampleId :
TP01-MH1-WC

Tgt Ion: 82 Resp: 2875456

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.2	52.8
54	31.1	24.5	36.7

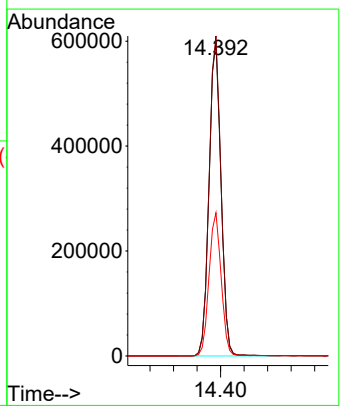


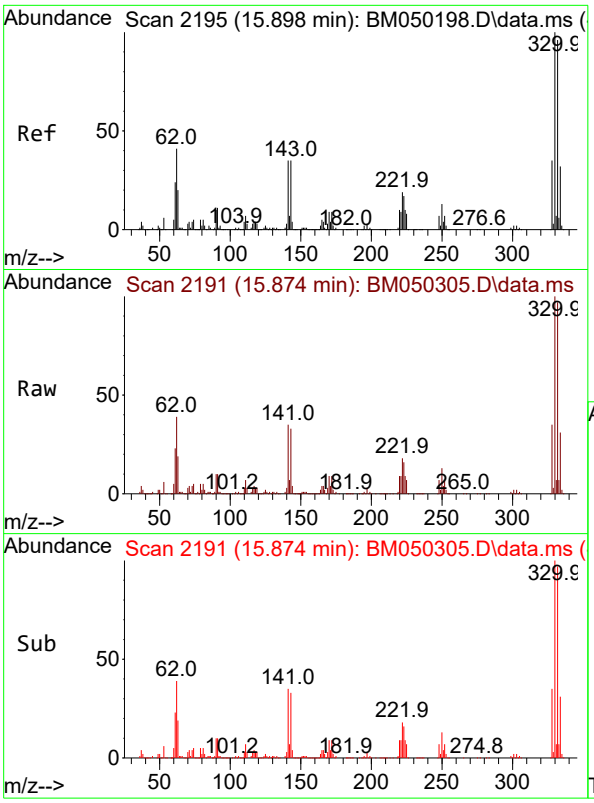


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Tgt Ion:164 Resp: 848155

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.4
160	45.7	35.7	53.5



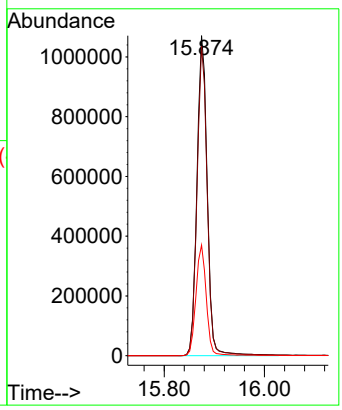


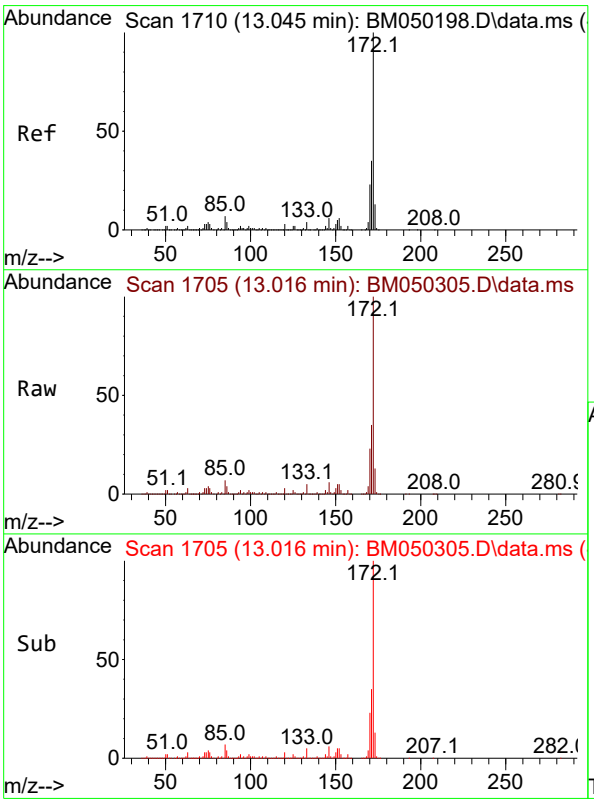
#42
2,4,6-Tribromophenol
Concen: 157.700 ng
RT: 15.874 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Instrument :
BNA_M
ClientSampleId :
TP01-MH1-WC

Tgt Ion:330 Resp: 1521361

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.5	116.3
141	34.9	28.8	43.2

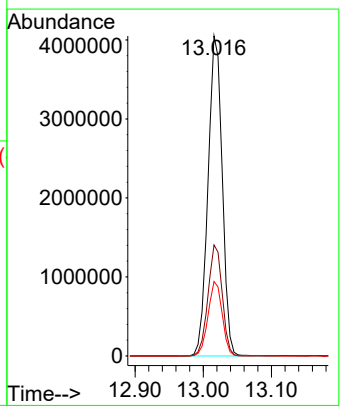


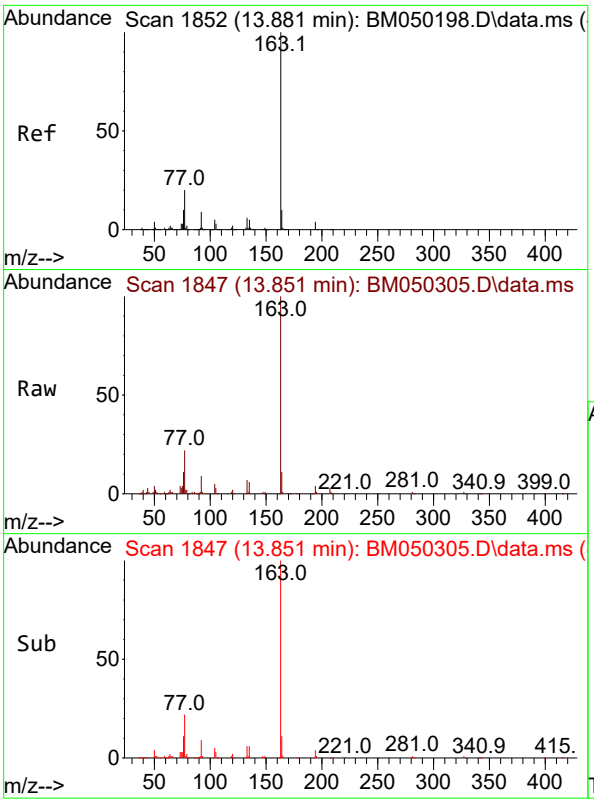


#45
2-Fluorobiphenyl
Concen: 93.913 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Tgt Ion:172 Resp: 5883405

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.2	18.6	27.8



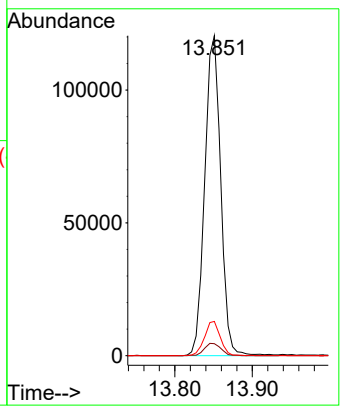


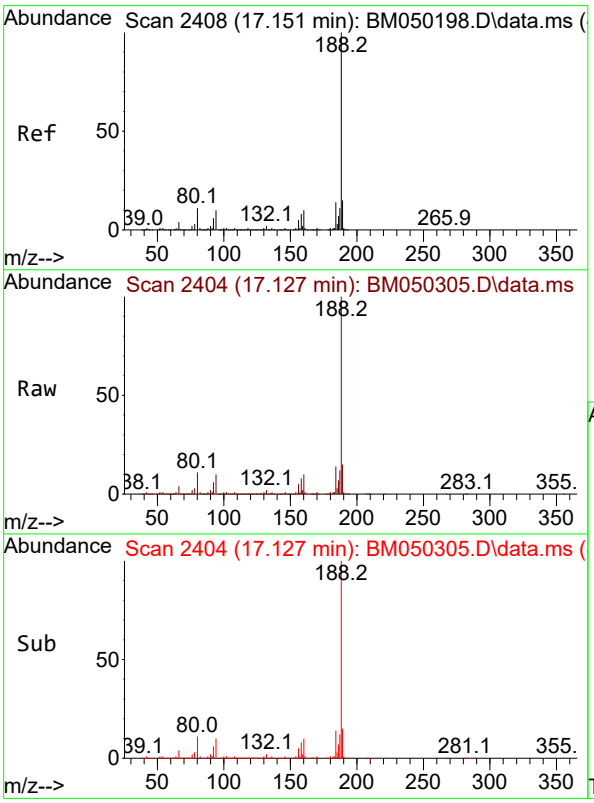
#50
Dimethylphthalate
Concen: 3.006 ng
RT: 13.851 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Instrument :
BNA_M
ClientSampleId :
TP01-MH1-WC

Tgt Ion:163 Resp: 172413

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.7	7.9	11.9

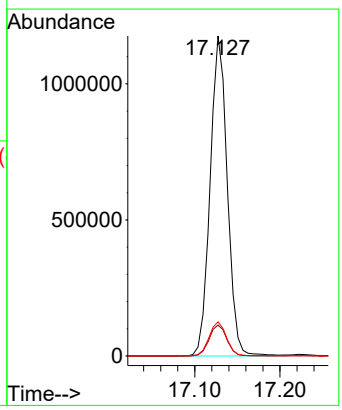


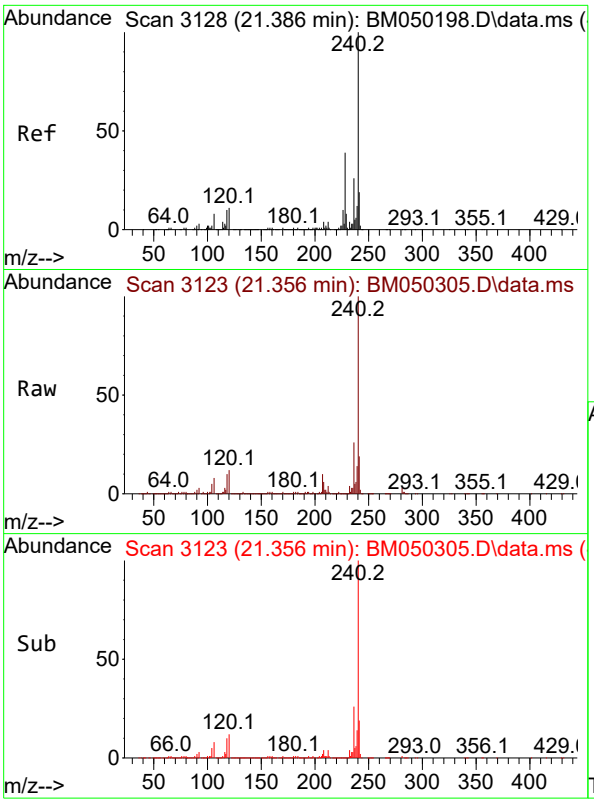


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Tgt Ion:188 Resp: 1649184

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.6	8.6	13.0



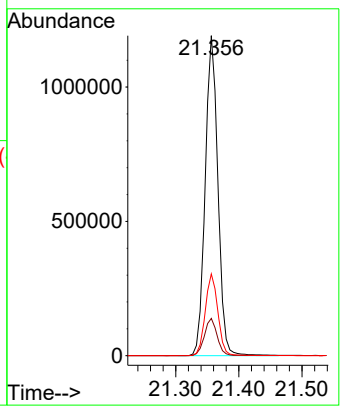


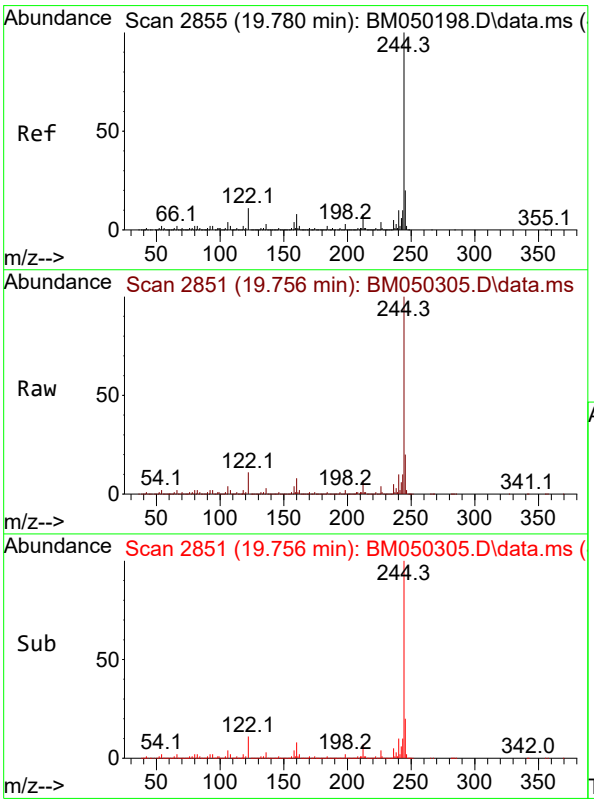
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Instrument :
BNA_M
ClientSampleId :
TP01-MH1-WC

Tgt Ion:240 Resp: 1661619

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.4
236	25.6	20.7	31.1

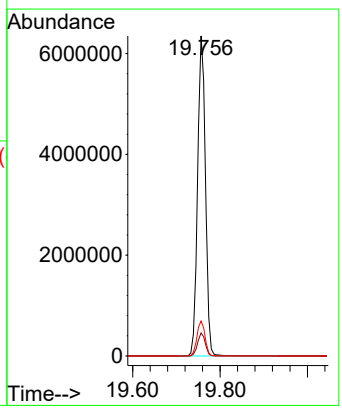


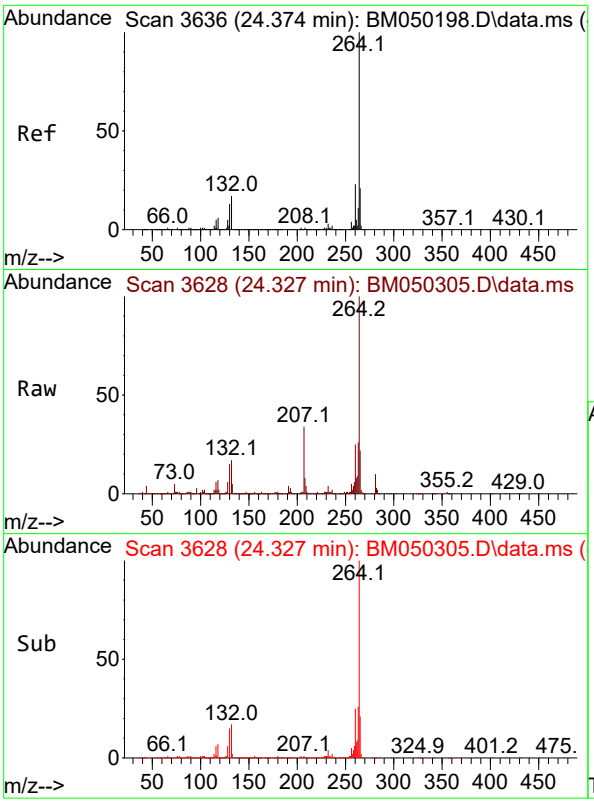


#79
Terphenyl-d14
Concen: 90.653 ng
RT: 19.756 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Tgt Ion:244 Resp: 7948761

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.9	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.327 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050305.D
Acq: 13 Jun 2025 18:29

Instrument :
BNA_M
ClientSampleId :
TP01-MH1-WC

Tgt Ion:264 Resp: 990702

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	21.6	16.8	25.2