Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050397.D
Acq On : 10 Jul 2025 19:59
Operator : RC/JU
Sample : Q2489-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G4(0-6)

Quant Time: Jul 11 01:26:54 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	561976	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	2091010	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1369169	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2769354	20.000	ng	0.00
76) Chrysene-d12	21.451	240	2918200	20.000	ng	0.00
86) Perylene-d12	24.486	264	2873438	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1770139	54.219	ng	0.00
7) Phenol-d6	7.016	99	1368150	33.243	ng	0.00
23) Nitrobenzene-d5	9.016	82	3124285	76.229	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	2667817	160.369	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	8273364	74.622	ng	0.00
79) Terphenyl-d14	19.839	244	13018069	78.489	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.939	163	289254	3.069	ng	99

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

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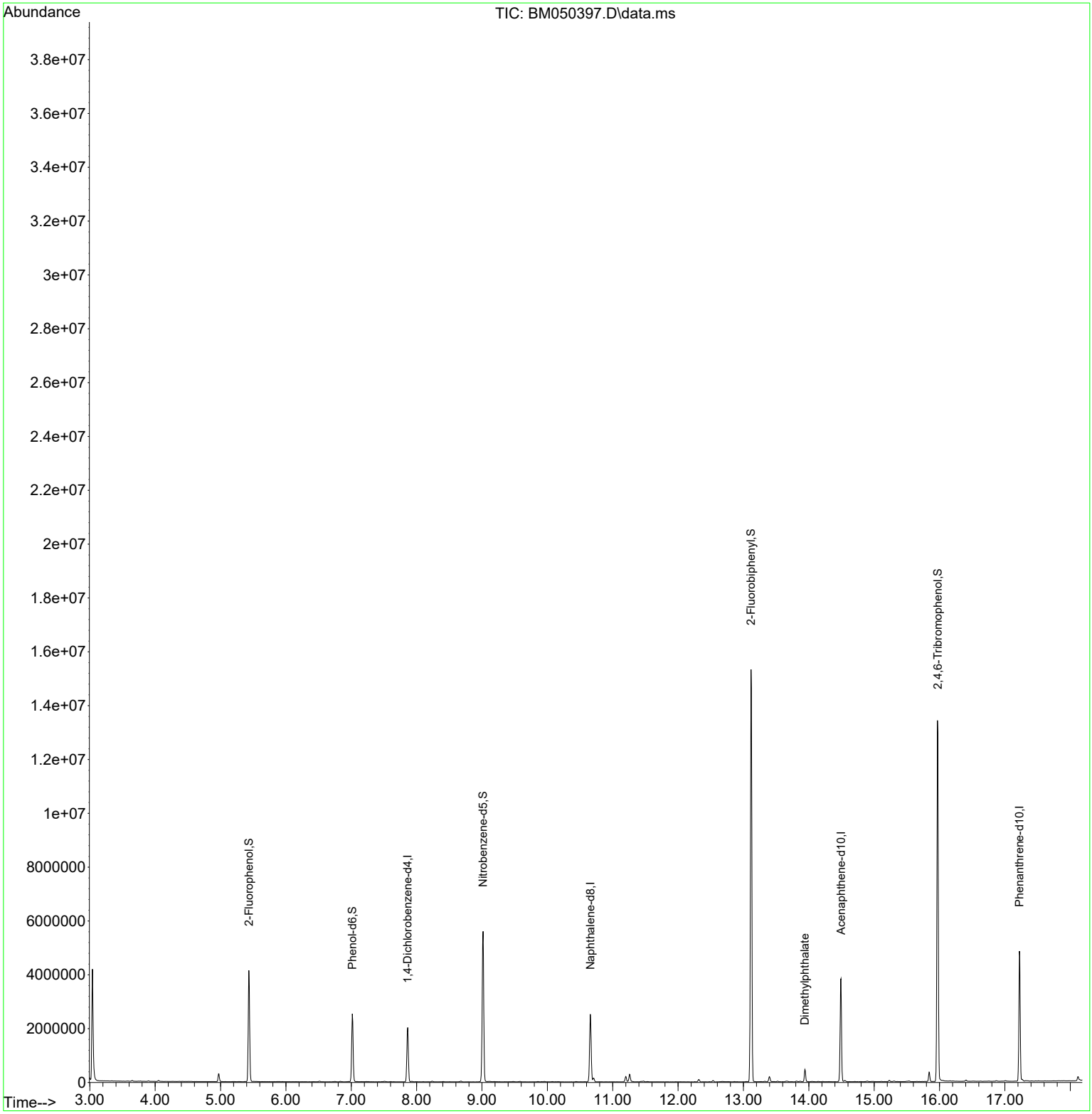

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050397.D
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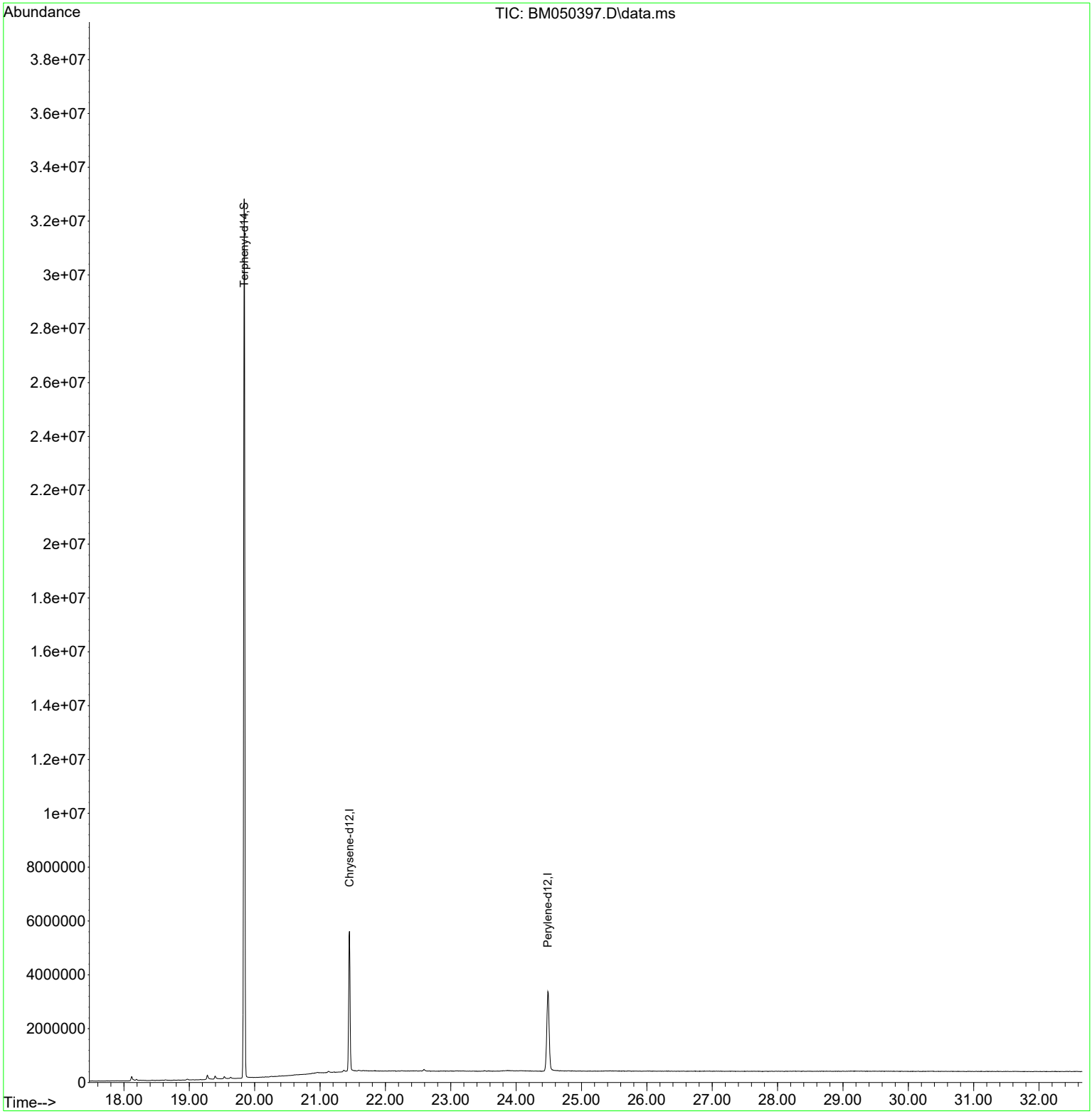
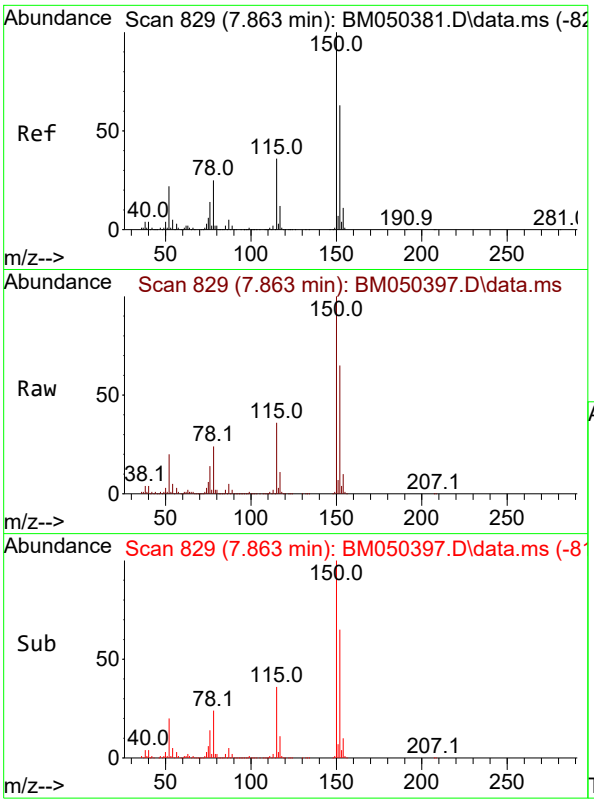


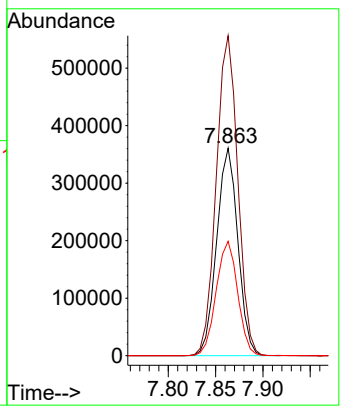


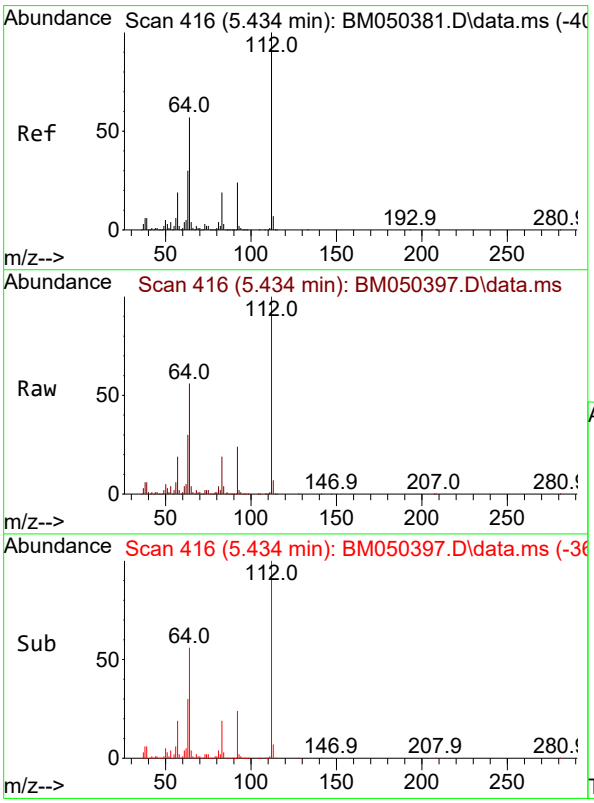
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Instrument :
BNA_M
ClientSampleId :
G4(0-6)

Tgt Ion:152 Resp: 561976

Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.4
115	55.1	45.8	68.8

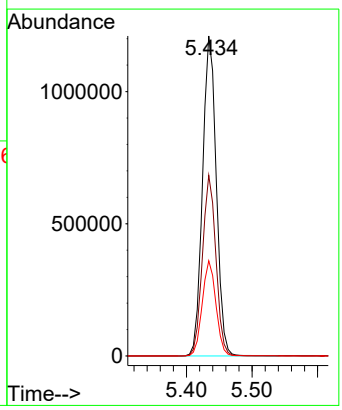


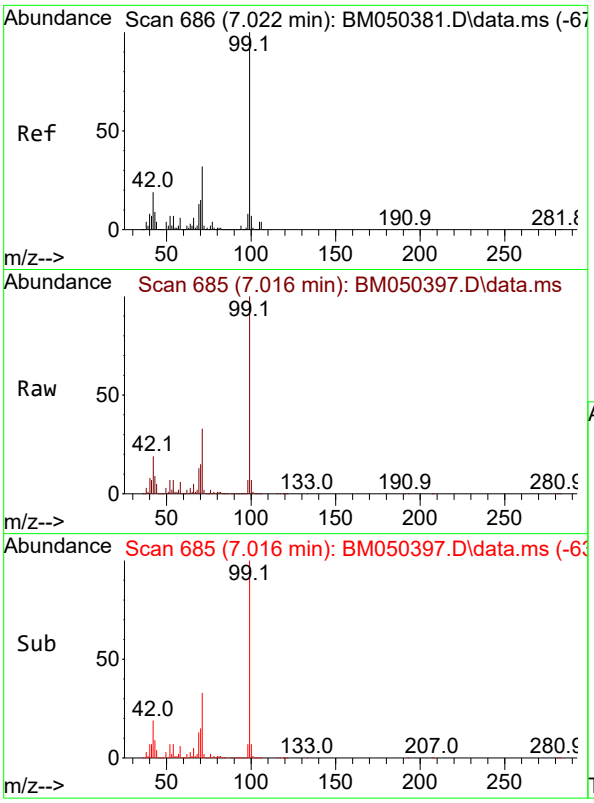


#5
2-Fluorophenol
Concen: 54.219 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Tgt Ion:112 Resp: 1770139

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.5	68.3
63	29.8	24.2	36.4



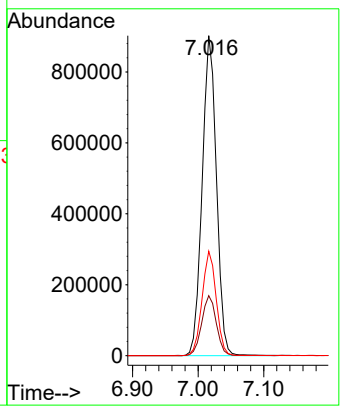


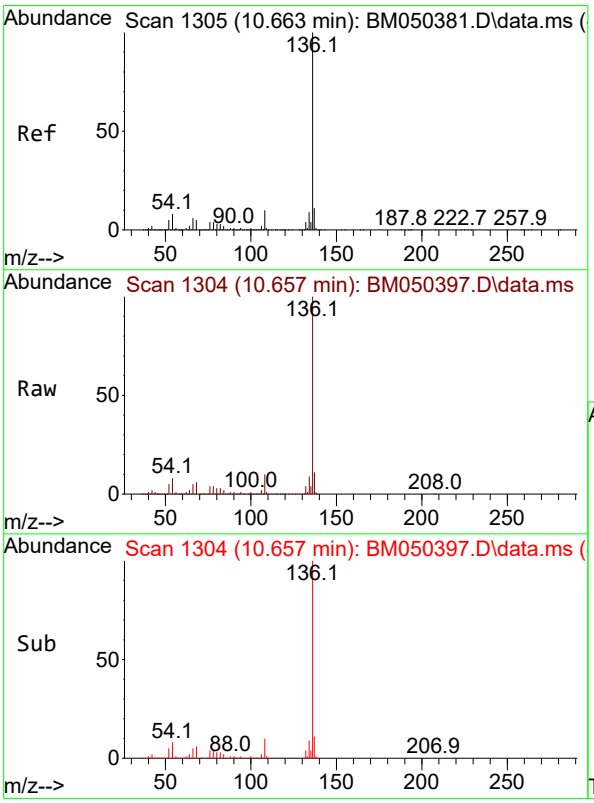
#7
Phenol-d6
Concen: 33.243 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Instrument :
BNA_M
ClientSampleId :
G4(0-6)

Tgt Ion: 99 Resp: 1368150

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.6
71	32.7	25.9	38.9

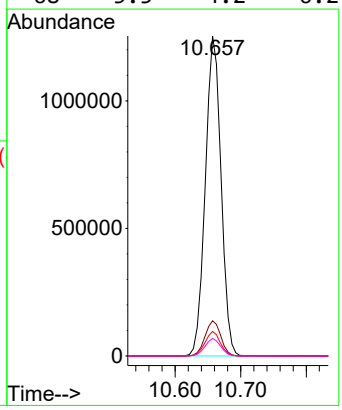


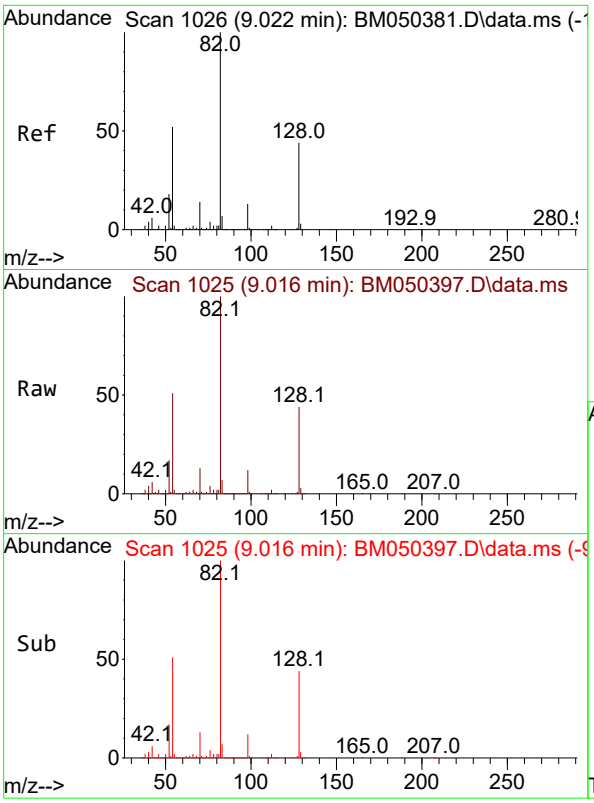


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Tgt Ion:136 Resp: 2091010

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.3	9.5
68	5.5	4.2	6.2



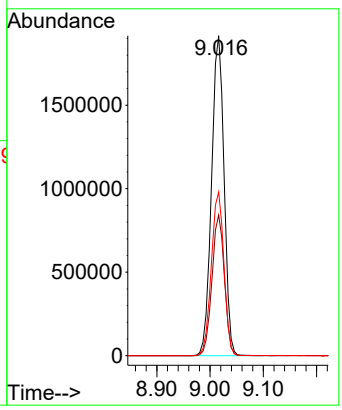


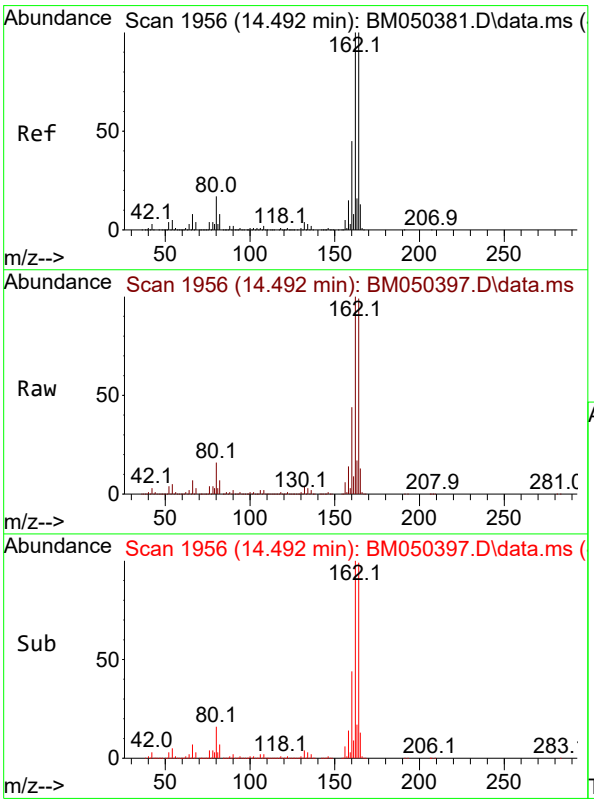
#23
Nitrobenzene-d5
Concen: 76.229 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Instrument :
BNA_M
ClientSampleId :
G4(0-6)

Tgt Ion: 82 Resp: 3124285

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.2	52.8
54	51.1	41.5	62.3

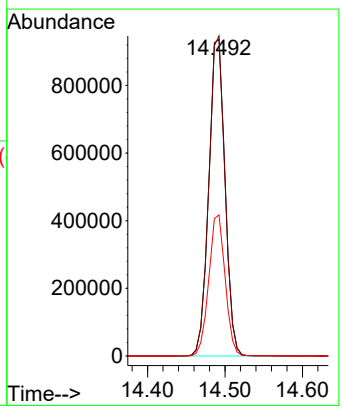


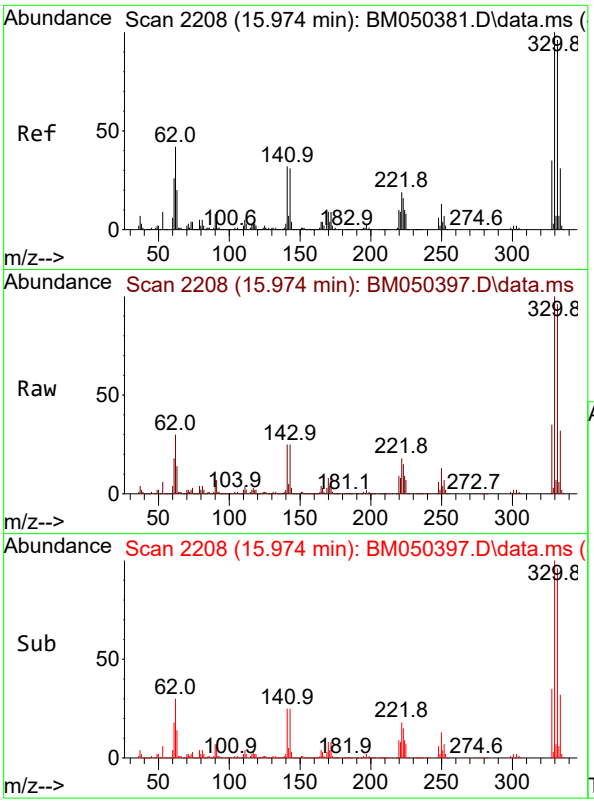


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Tgt Ion:164 Resp: 1369169

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.9	119.9
160	44.6	36.2	54.4



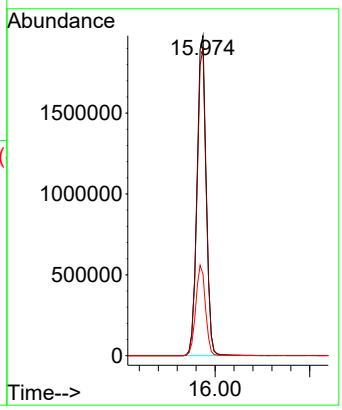


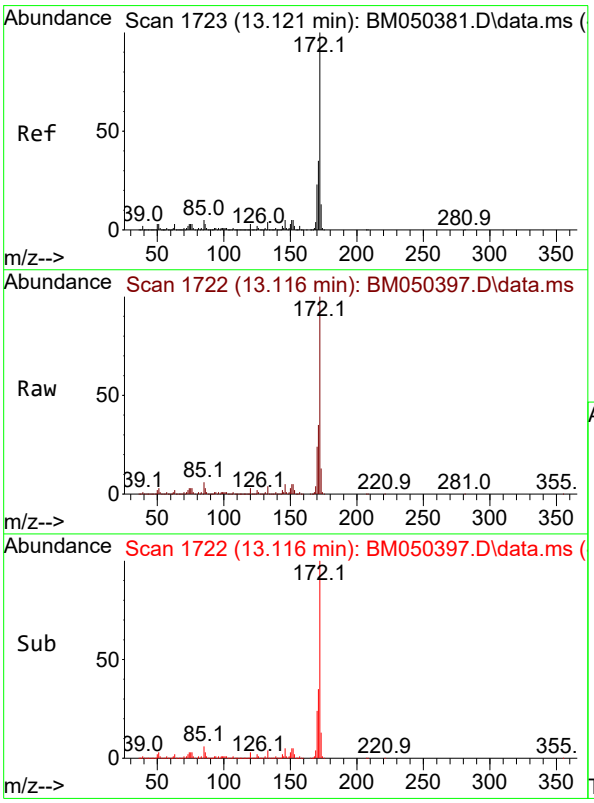
#42
2,4,6-Tribromophenol
Concen: 160.369 ng
RT: 15.974 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Instrument :
BNA_M
ClientSampleId :
G4(0-6)

Tgt Ion:330 Resp: 2667817

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	30.0	27.4	41.0

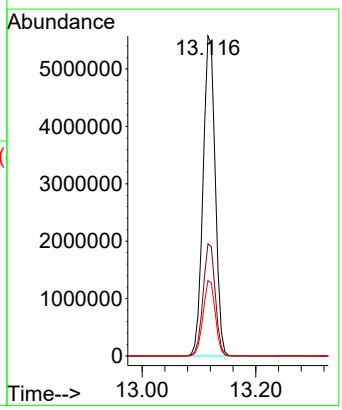


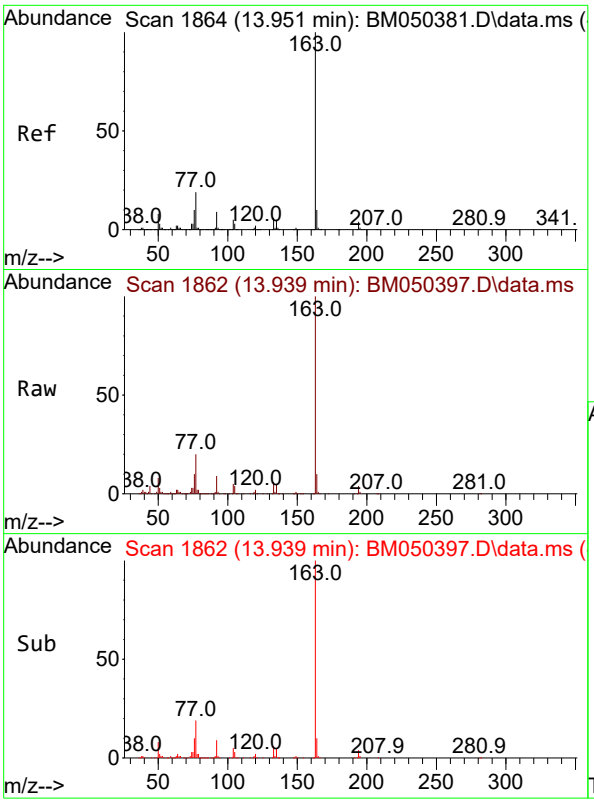


#45
2-Fluorobiphenyl
Concen: 74.622 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Tgt Ion:172 Resp: 8273364

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.6	18.8	28.2



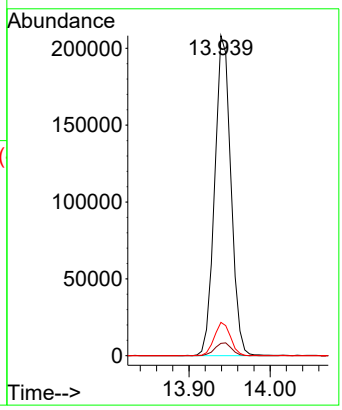


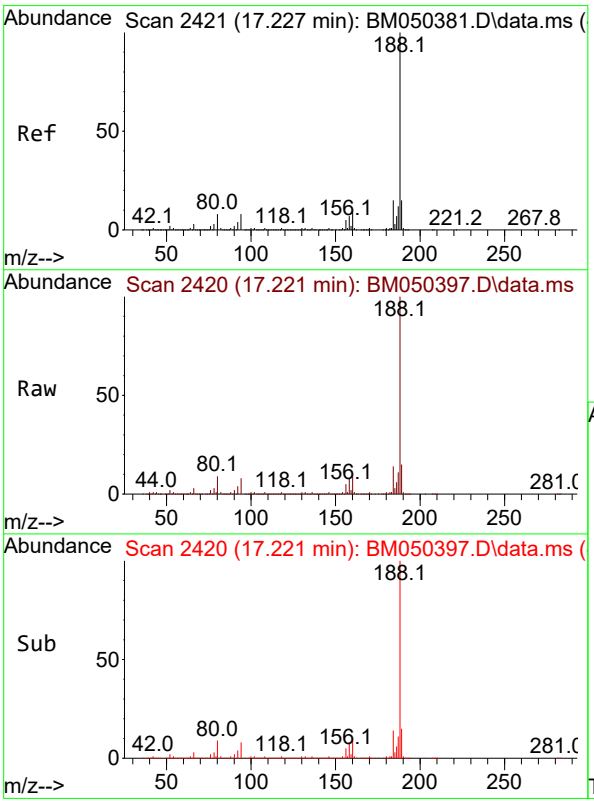
#50
Dimethylphthalate
Concen: 3.069 ng
RT: 13.939 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Instrument :
BNA_M
ClientSampleId :
G4(0-6)

Tgt Ion:163 Resp: 289254

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.4	8.2	12.2

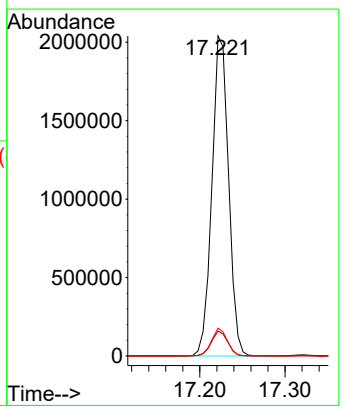


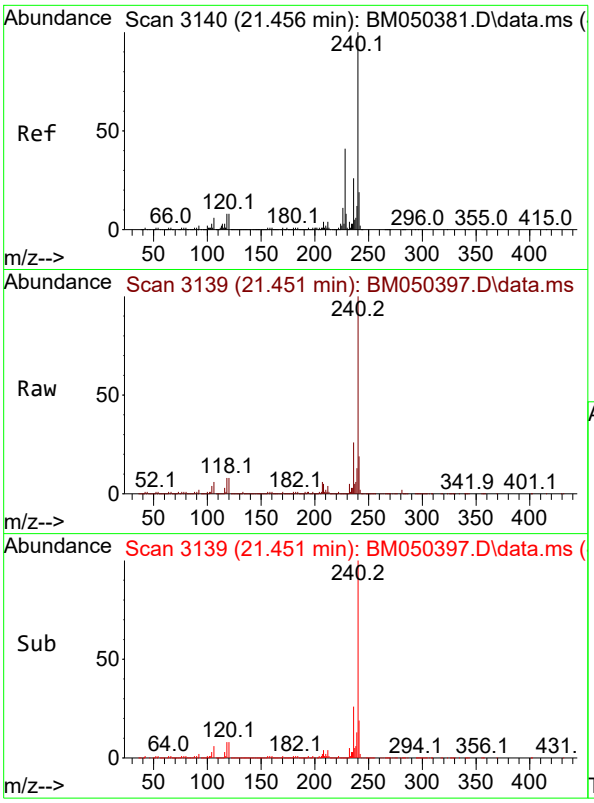


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Tgt Ion:188 Resp: 2769354

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.0	9.0
80	8.7	6.5	9.7



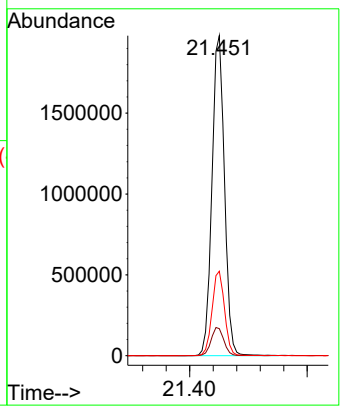


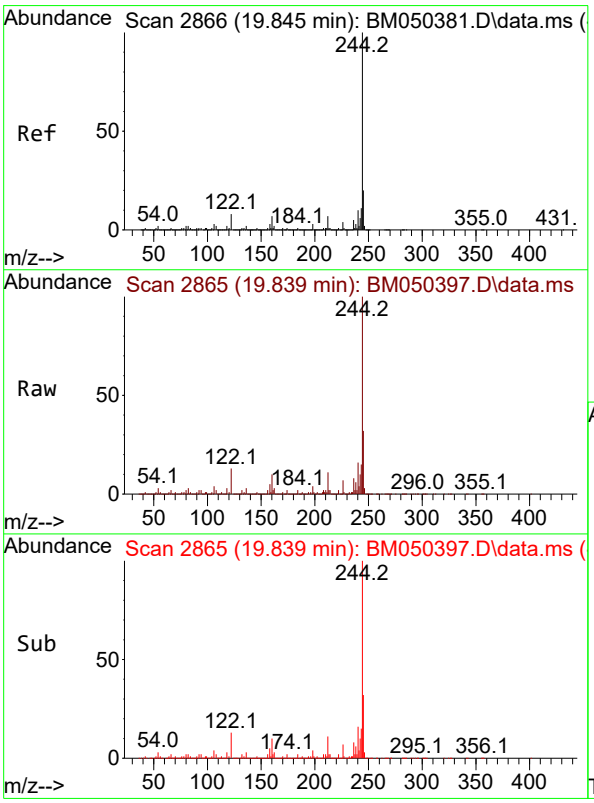
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Instrument :
BNA_M
ClientSampleId :
G4(0-6)

Tgt Ion:240 Resp: 2918200

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.7	10.1
236	26.4	20.7	31.1

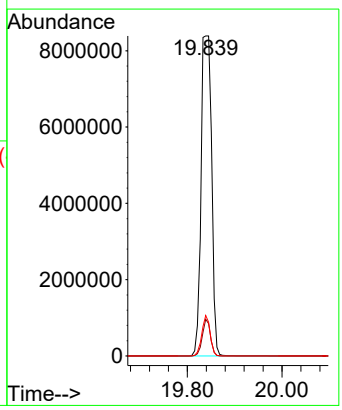


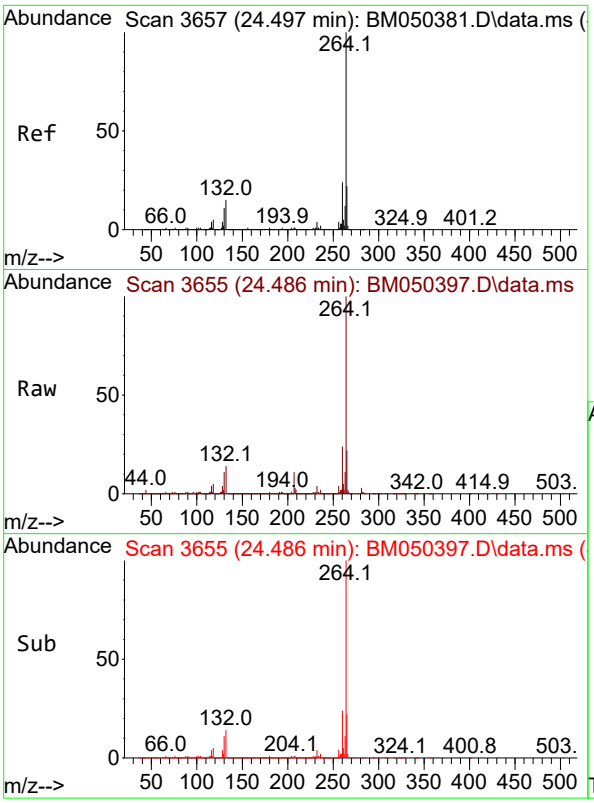


#79
Terphenyl-d14
Concen: 78.489 ng
RT: 19.839 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM050397.D
Acq: 10 Jul 2025 19:59

Tgt Ion:244 Resp:13018069

Ion	Ratio	Lower	Upper
244	100		
212	11.5	5.7	8.5#
122	12.7	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: BM050397.D
Acq: 10 Jul 2025 19:59

Instrument :
BNA_M
ClientSampleId :
G4(0-6)

Tgt Ion:264 Resp: 2873438

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.8	26.6