Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 08 18:19:03 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 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	378493	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1426576	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	874661	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1666049	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1594000	20.000	ng	0.00
86) Perylene-d12	24.491	264	1645810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.663	70	37375	2.226	ng	100

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

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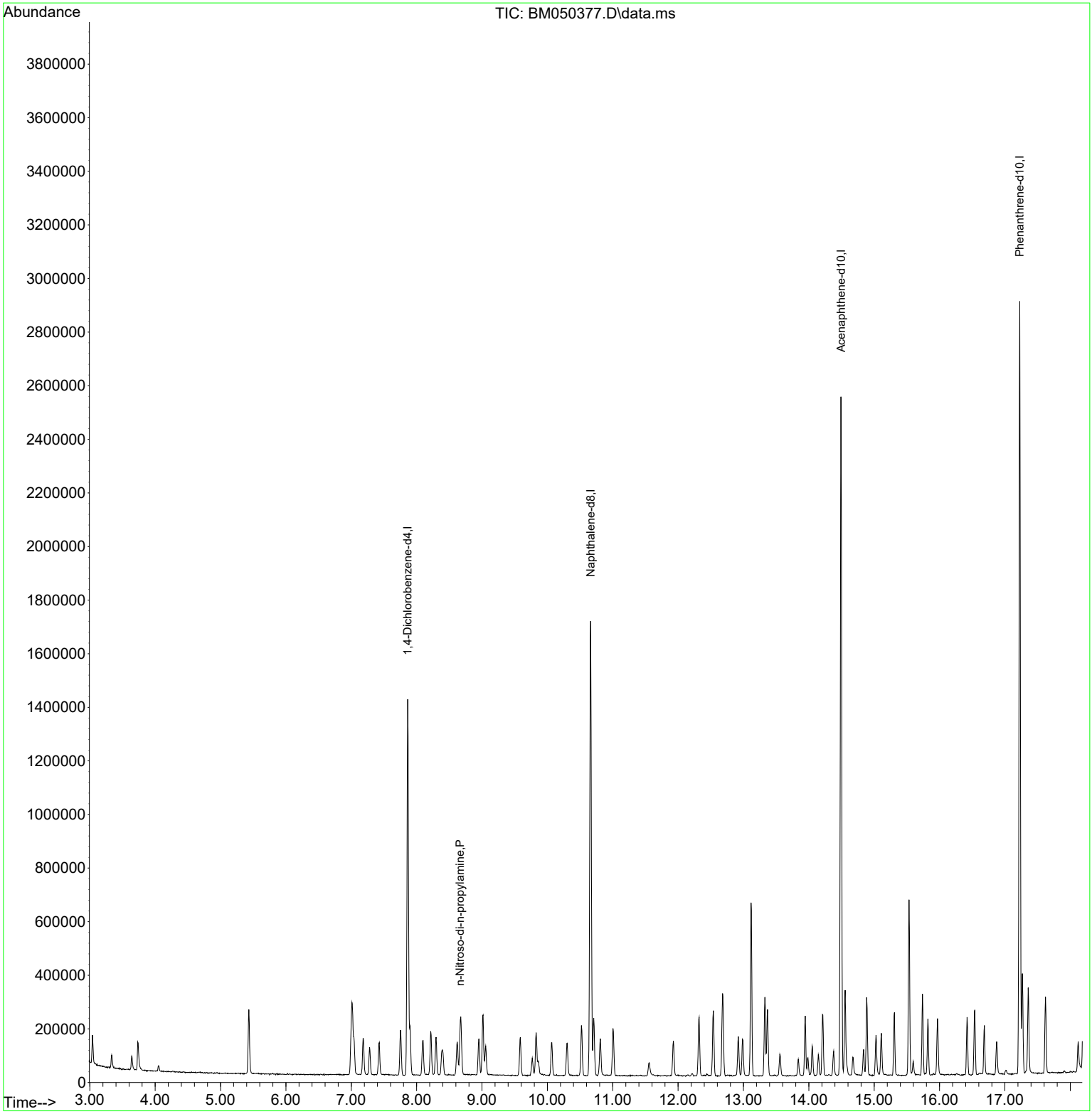

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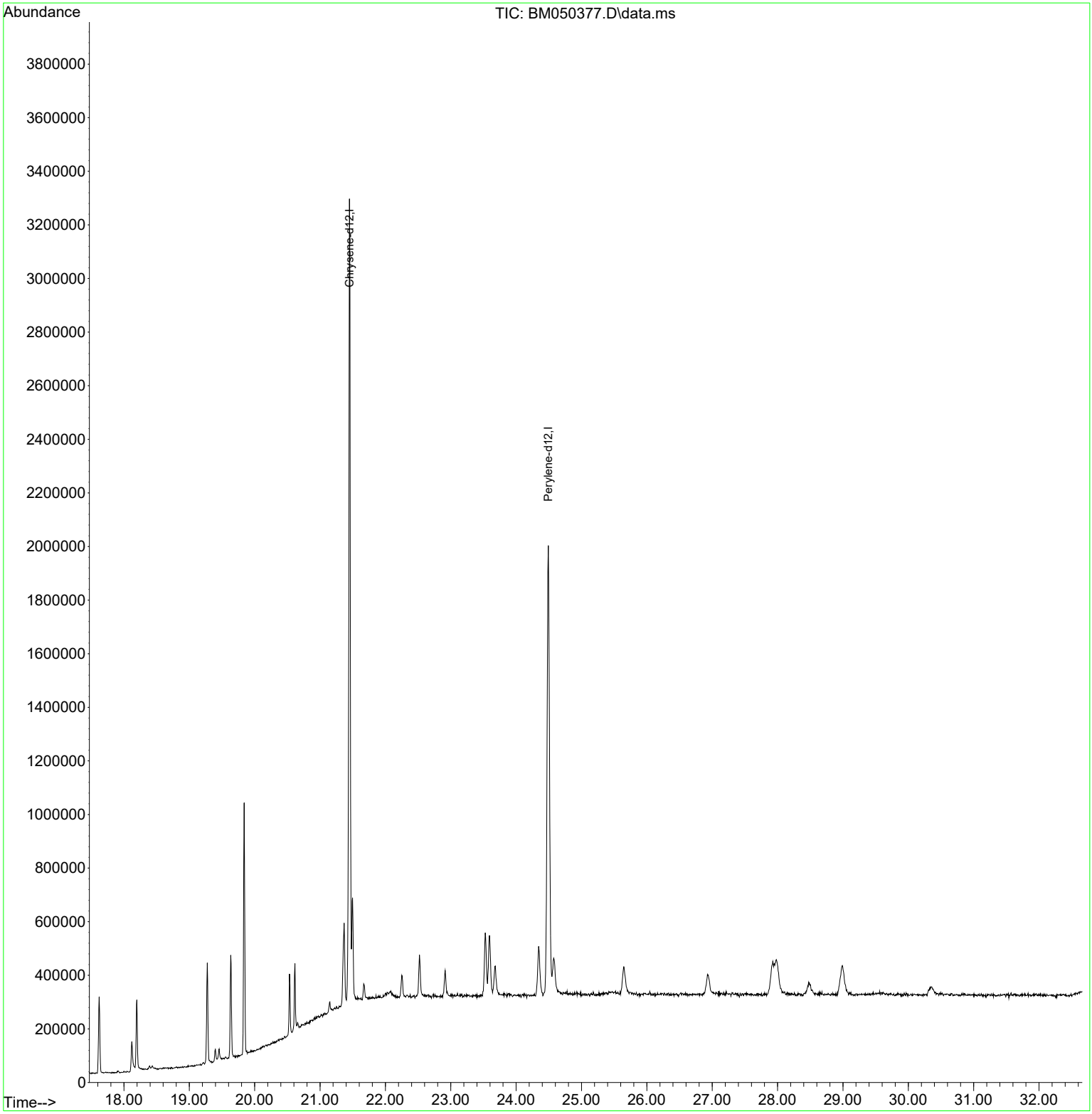
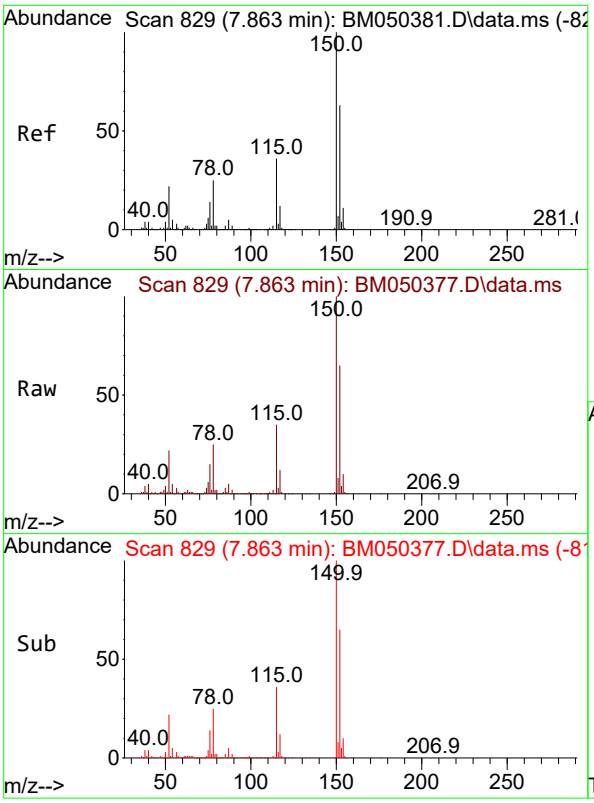


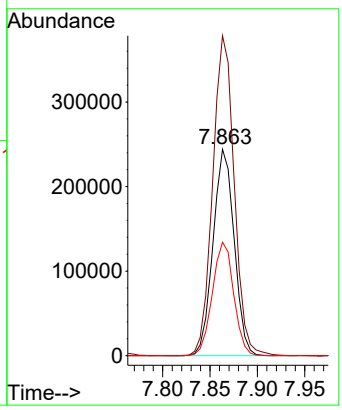


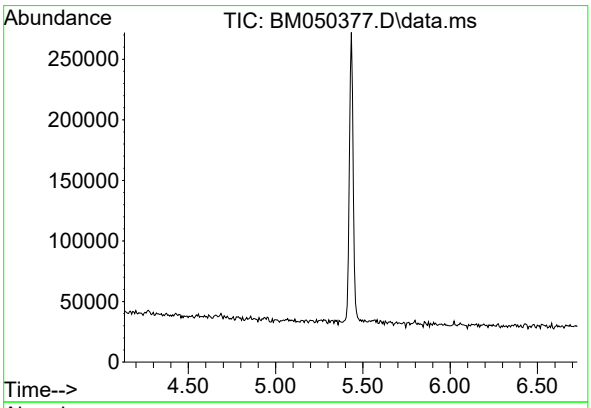
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 378493

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.4
115	55.0	45.8	68.8



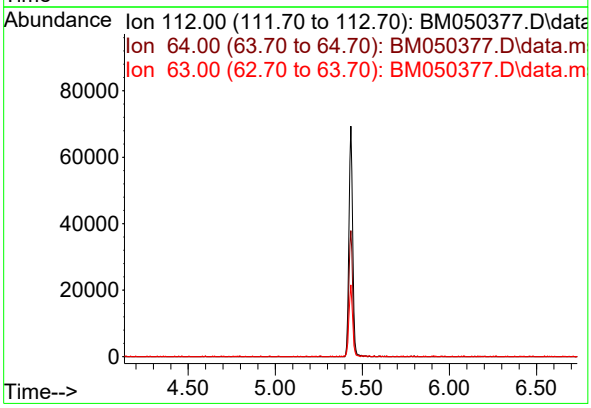


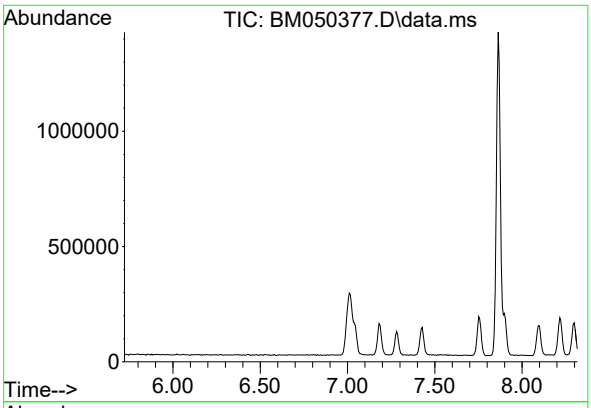
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	56.9
63	30.3





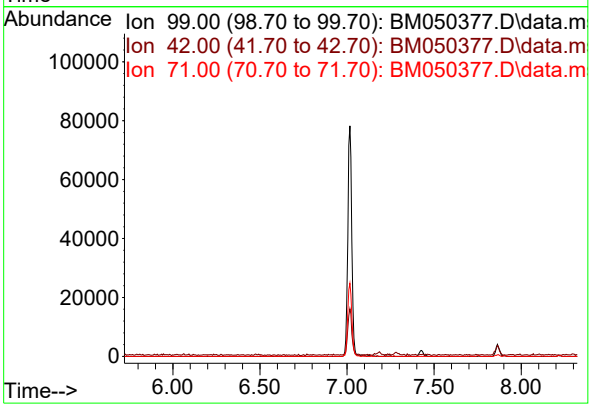
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.02 min

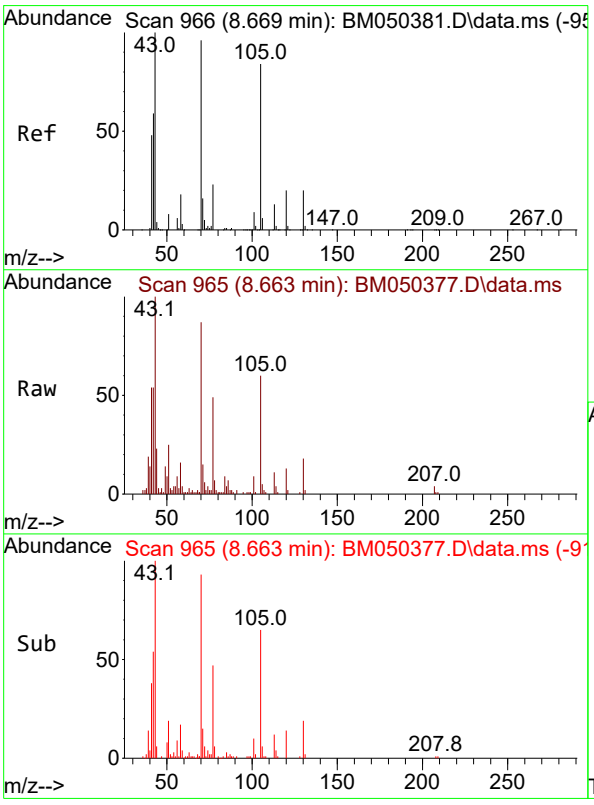
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.8
71	32.4

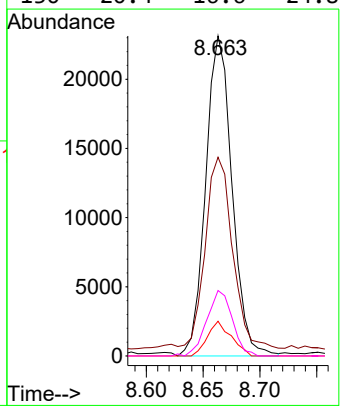


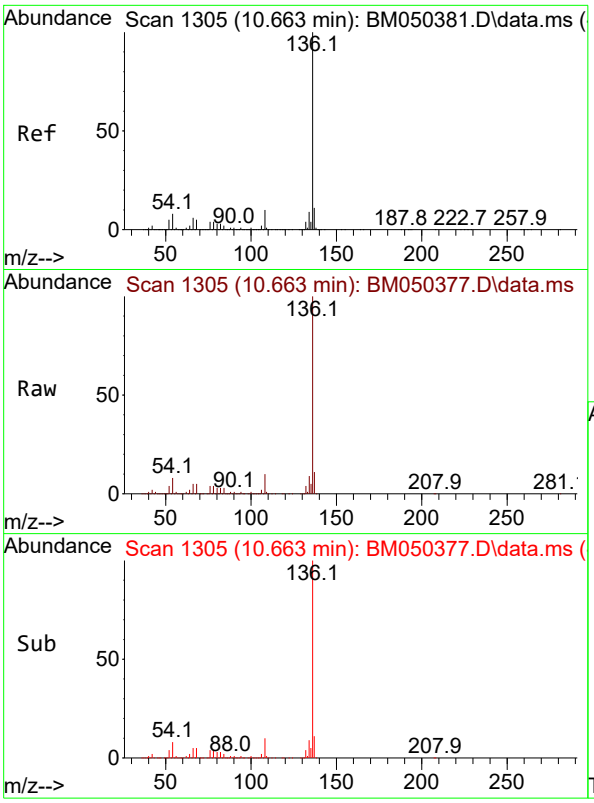


#19
n-Nitroso-di-n-propylamine
Concen: 2.226 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 70 Resp: 37375

Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.7	74.5
101	10.8	7.7	11.5
130	20.4	16.6	24.8



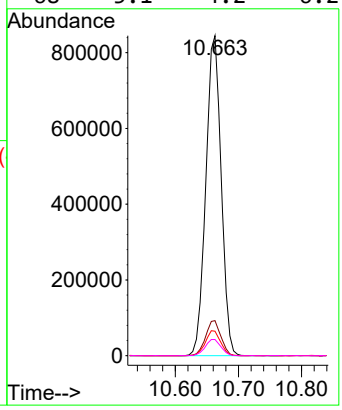


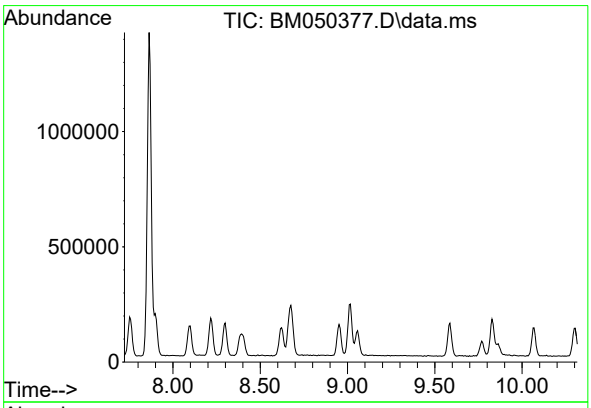
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1426576

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.1	4.2	6.2



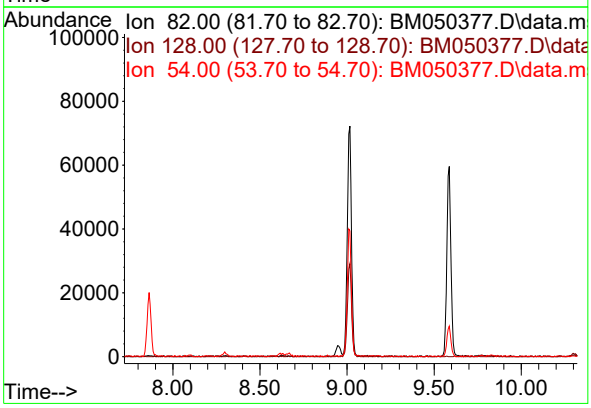


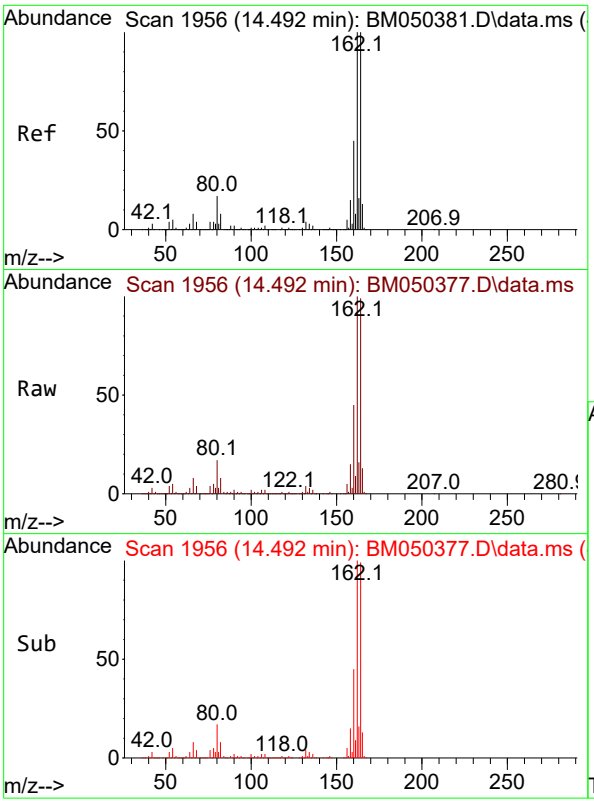
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.02 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.0
54	51.9



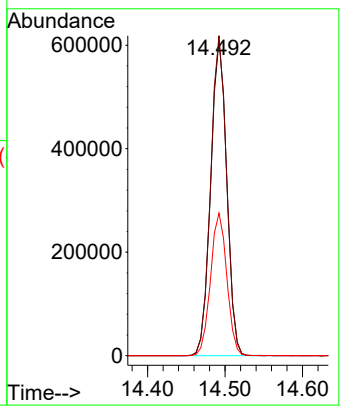


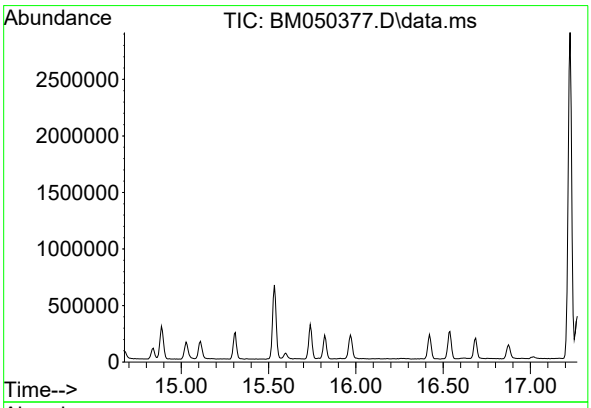
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 874661

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.9	119.9
160	45.2	36.2	54.4



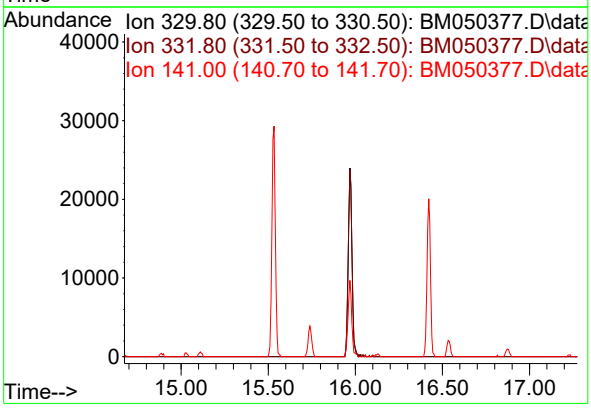


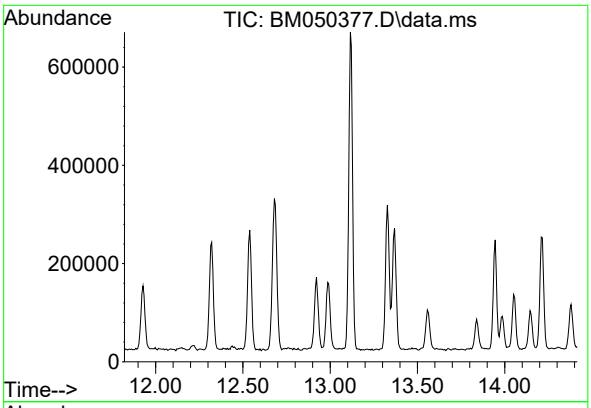
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.97 min

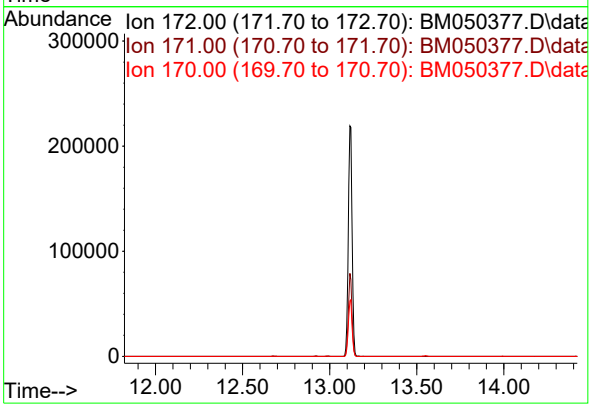
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.1
141	34.2







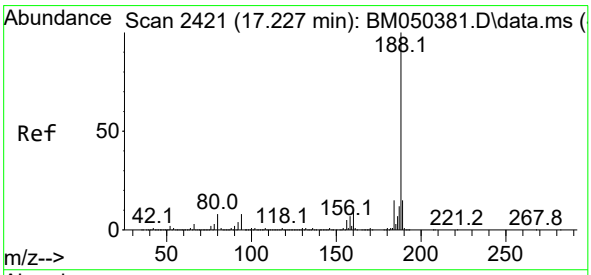
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.12 min

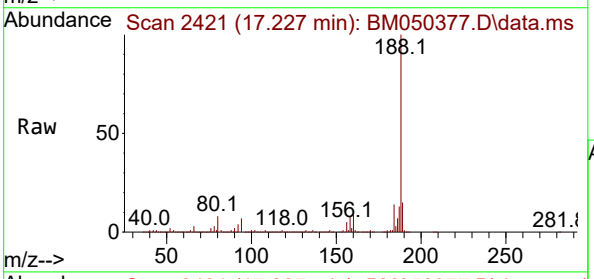
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

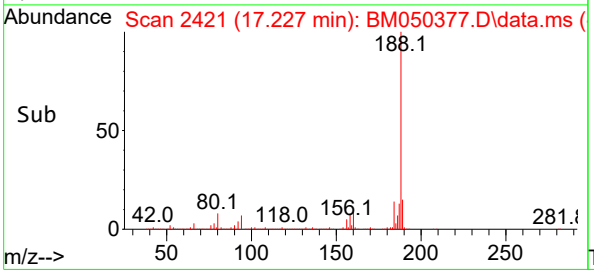
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	34.6
170	23.5



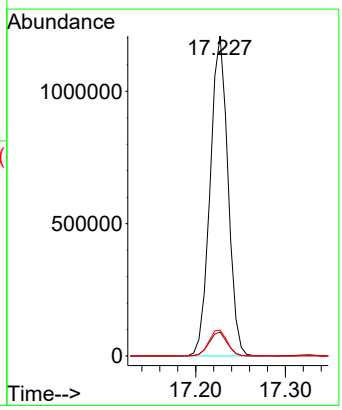


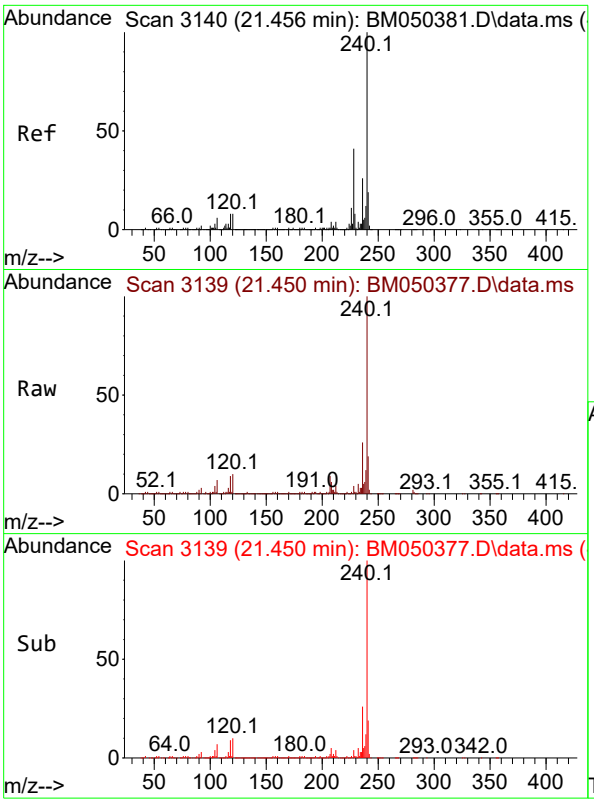


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion:188 Resp: 1666049

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.0	6.5	9.7



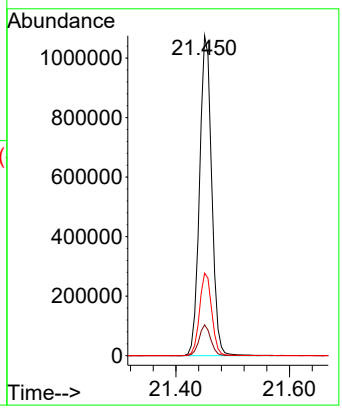


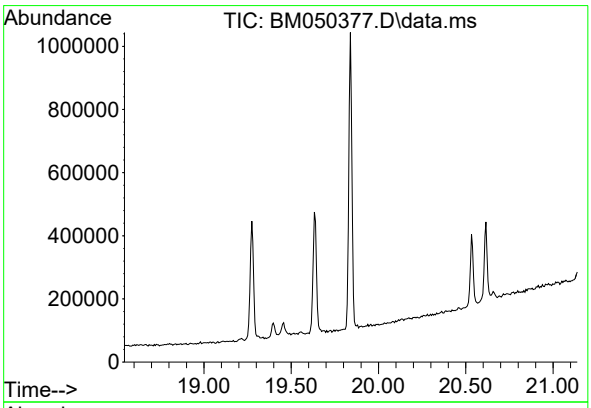
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1594000

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.7	10.1
236	25.8	20.7	31.1



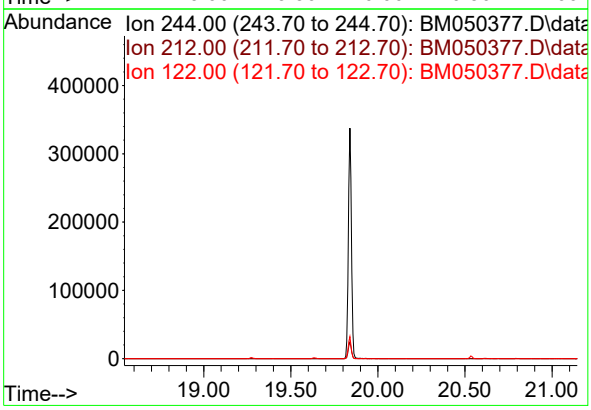


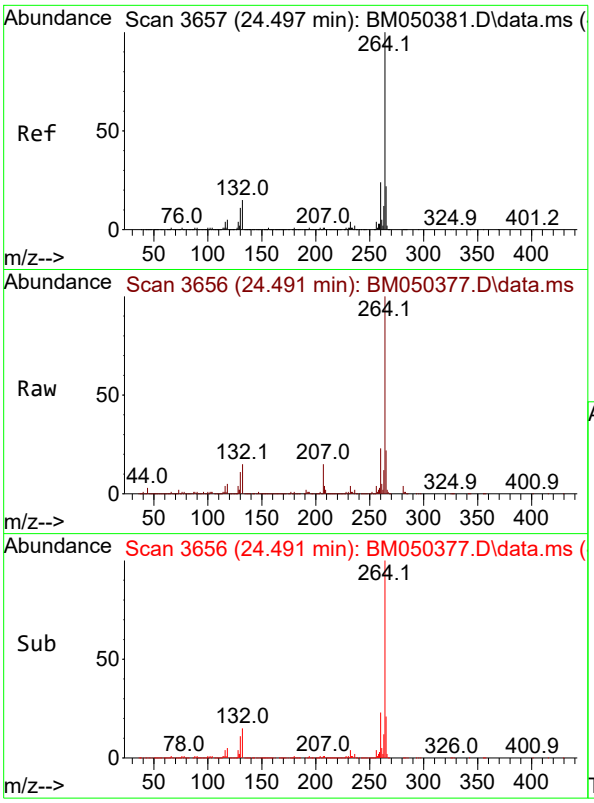
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.84 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.1
122	7.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1645810

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.8	26.6