Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050209.D
Acq On : 06 Jun 2025 11:27
Operator : RC/JU
Sample : Q2177-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-187-SB01

Quant Time: Jun 06 12:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	304642	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1159115	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	659350	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1216071	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1157737	20.000	ng	0.00
86) Perylene-d12	24.368	264	1244732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2178864	119.309	ng	0.00
7) Phenol-d6	6.951	99	2491728	103.646	ng	0.00
23) Nitrobenzene-d5	8.934	82	1787618	80.208	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	943327	125.783	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3806562	78.161	ng	-0.01
79) Terphenyl-d14	19.780	244	4737529	77.545	ng	0.00
Target Compounds						Qvalue

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

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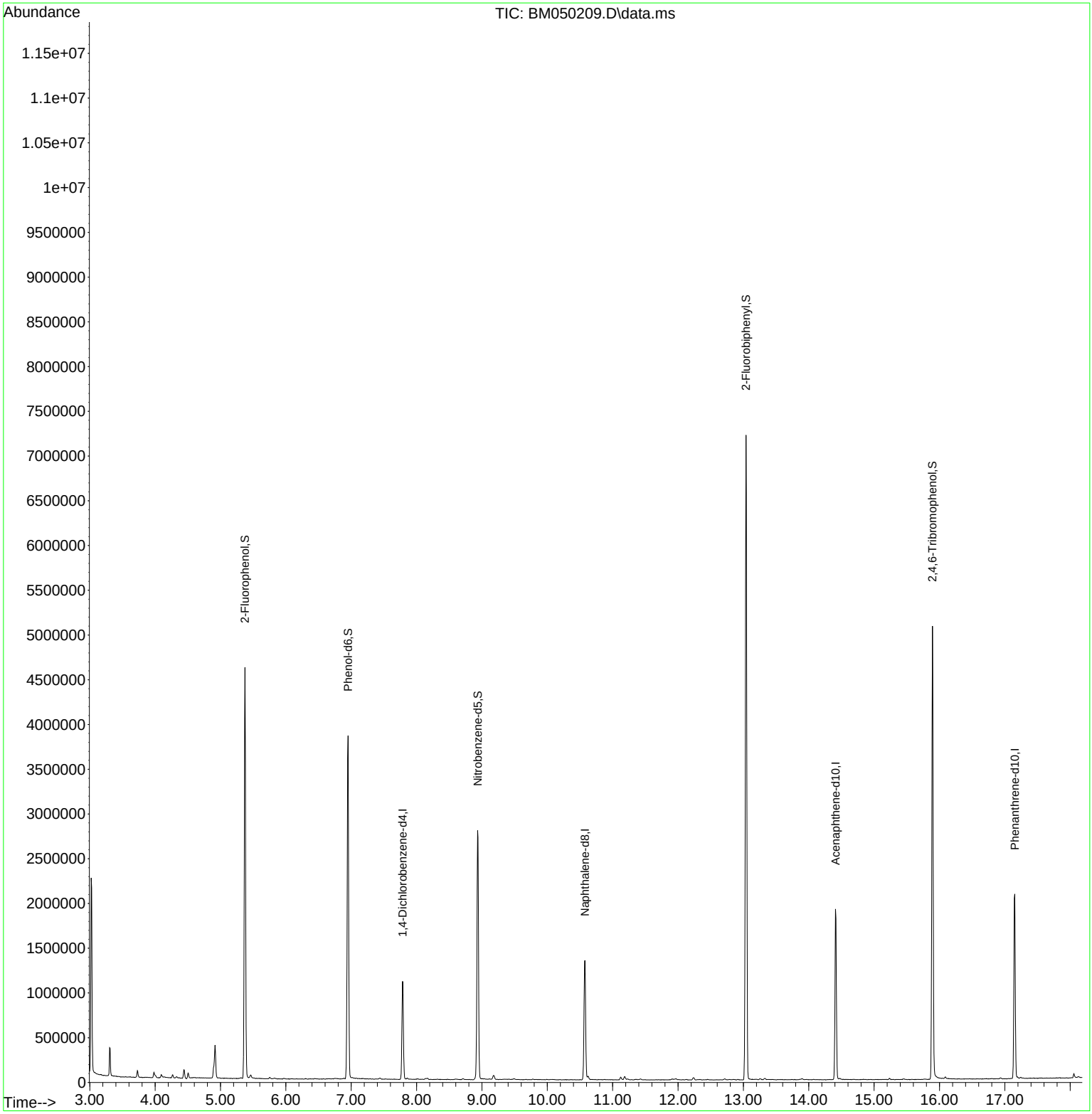

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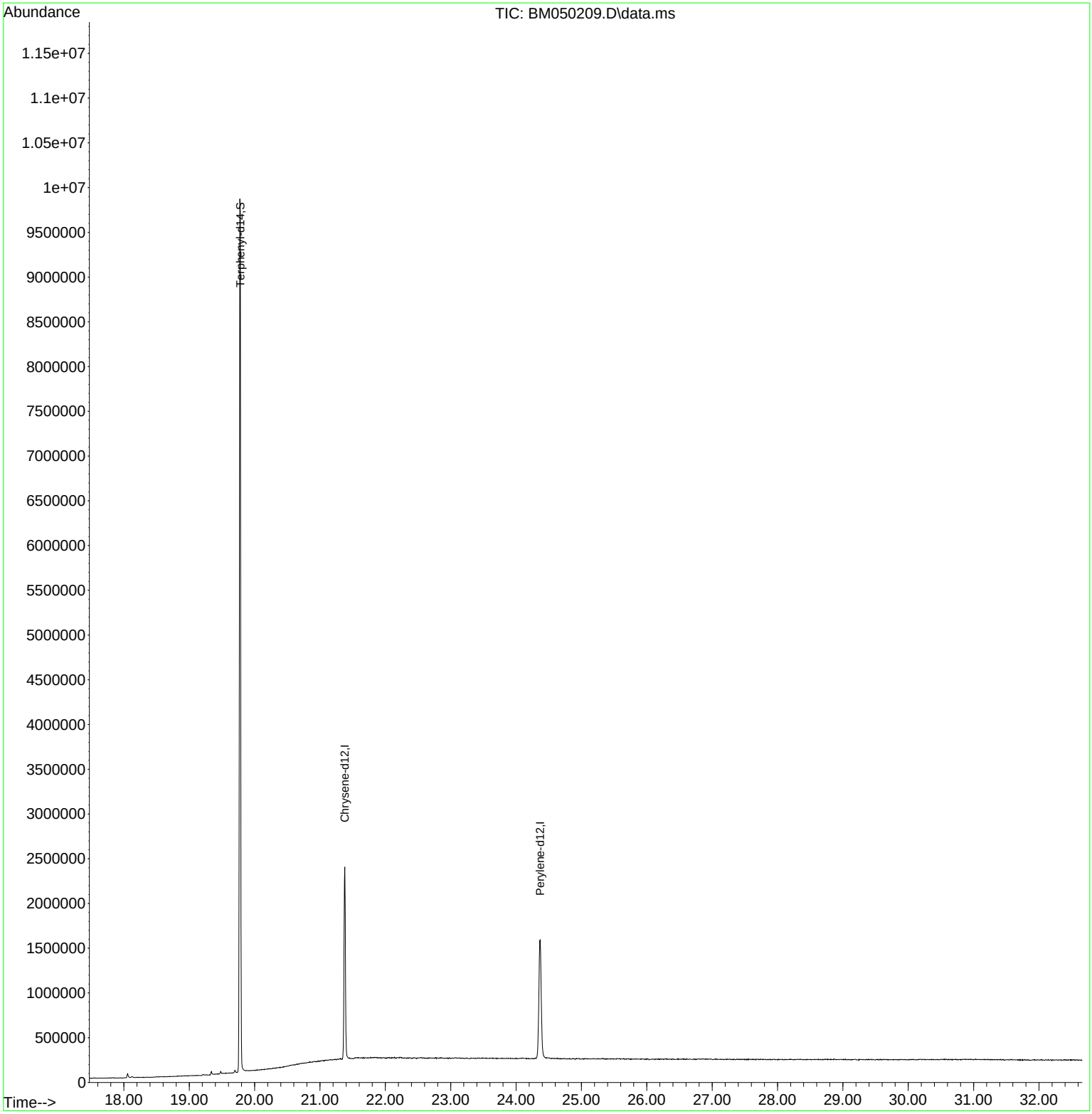
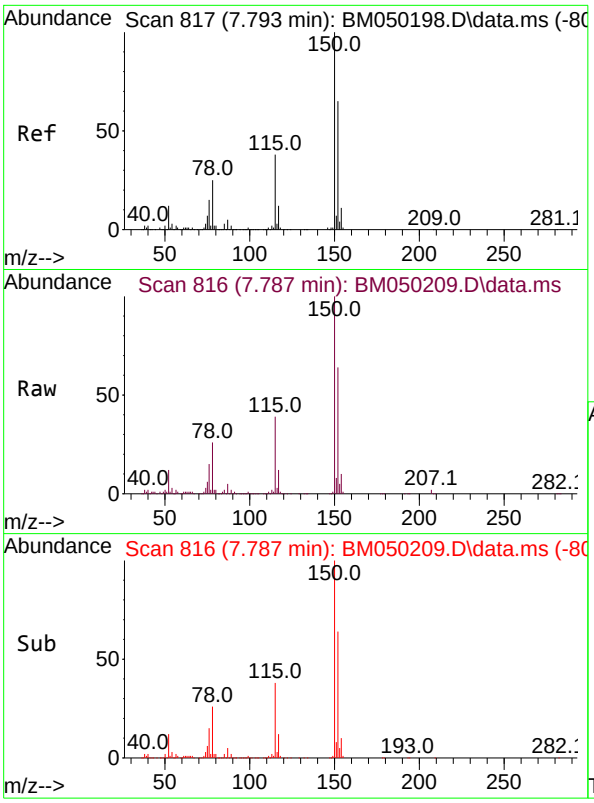


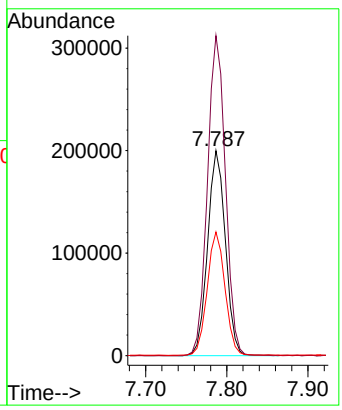


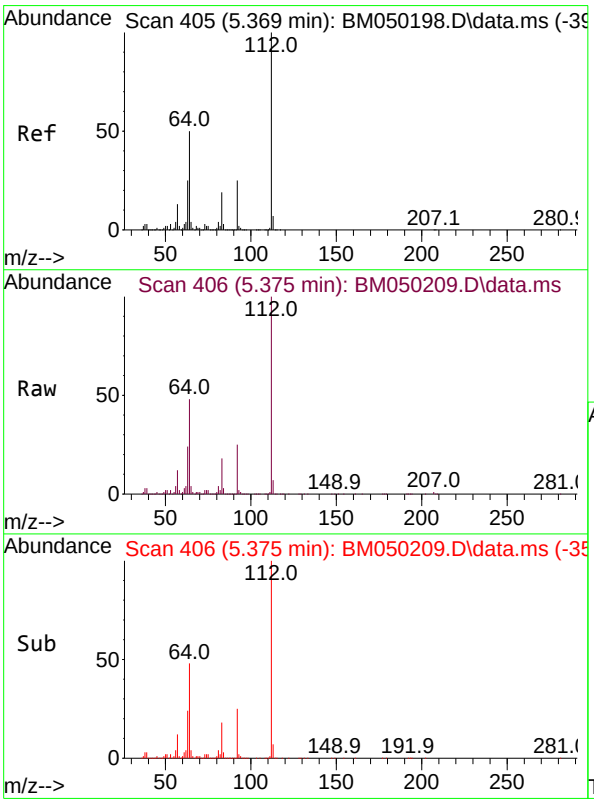
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Instrument :
BNA_M
ClientSampleId :
B-187-SB01

Tgt Ion:152 Resp: 304642

Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.2	183.4
115	60.3	46.3	69.5

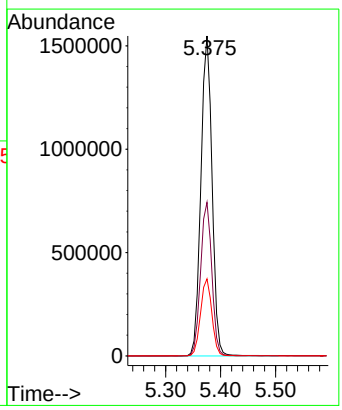


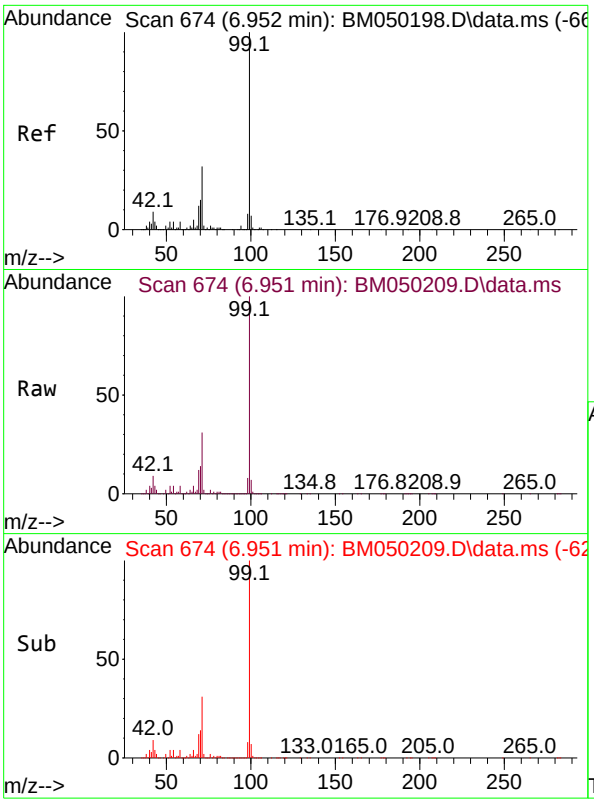


#5
2-Fluorophenol
Concen: 119.309 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:112 Resp: 2178864

Ion	Ratio	Lower	Upper
112	100		
64	48.0	39.8	59.6
63	24.1	19.8	29.8



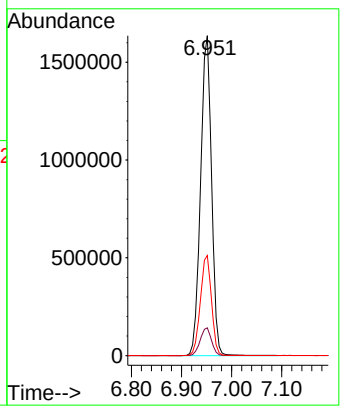


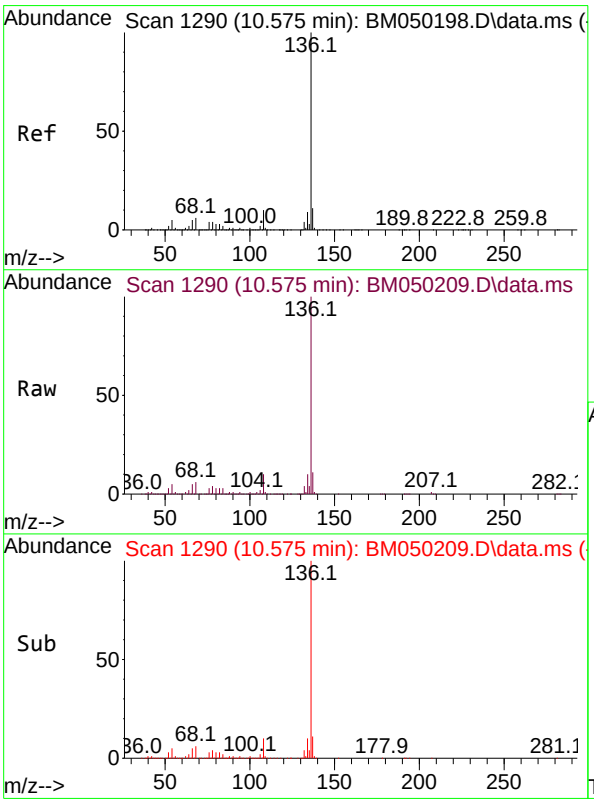
#7
Phenol-d6
Concen: 103.646 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Instrument :
BNA_M
ClientSampleId :
B-187-SB01

Tgt Ion: 99 Resp: 2491728

Ion	Ratio	Lower	Upper
99	100		
42	8.7	6.9	10.3
71	31.3	25.3	37.9

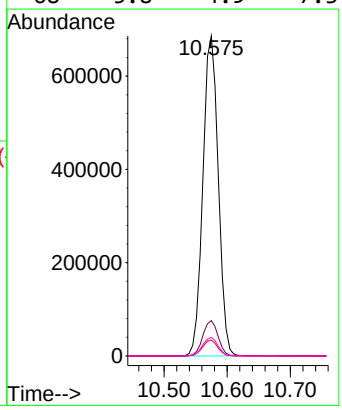


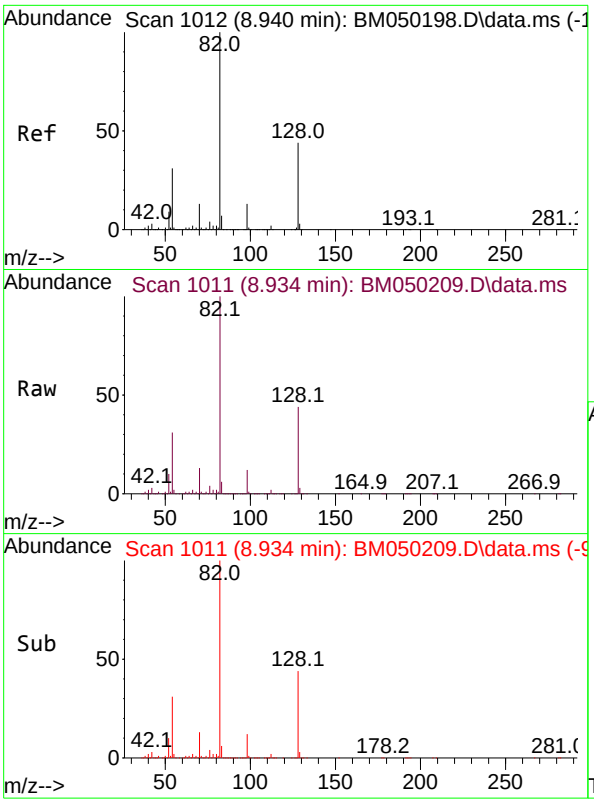


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:136 Resp: 1159115

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.0	3.8	5.8
68	5.8	4.9	7.3



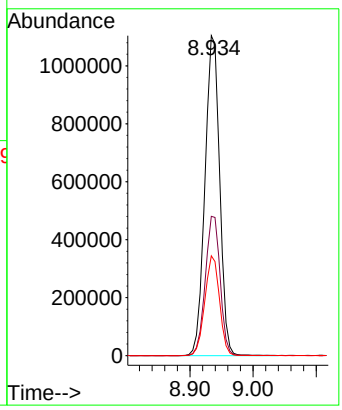


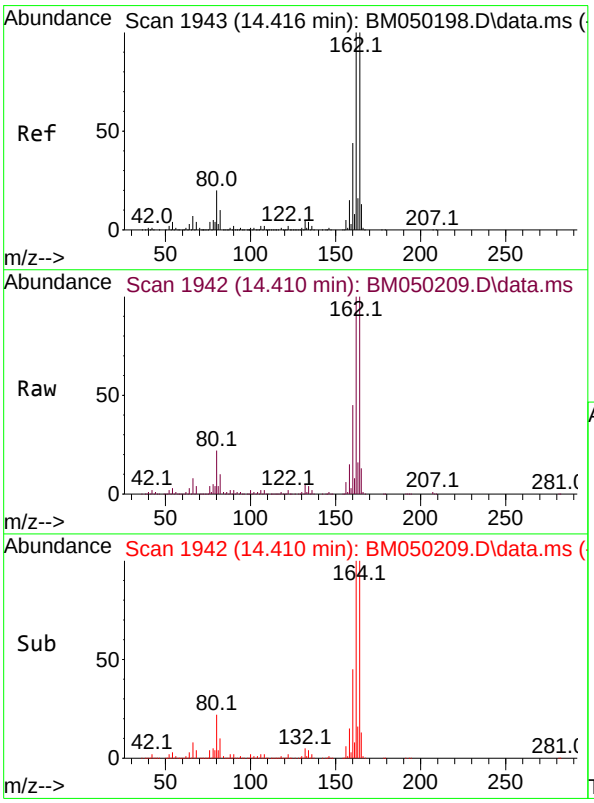
#23
Nitrobenzene-d5
Concen: 80.208 ng
RT: 8.934 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Instrument :
BNA_M
ClientSampleId :
B-187-SB01

Tgt Ion: 82 Resp: 1787618

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.2	52.8
54	31.2	24.5	36.7

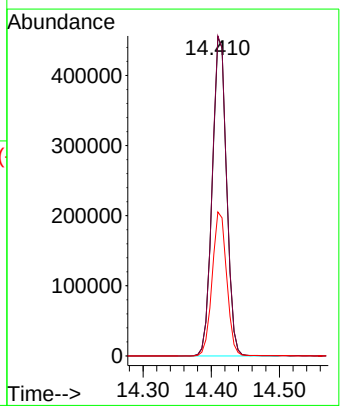


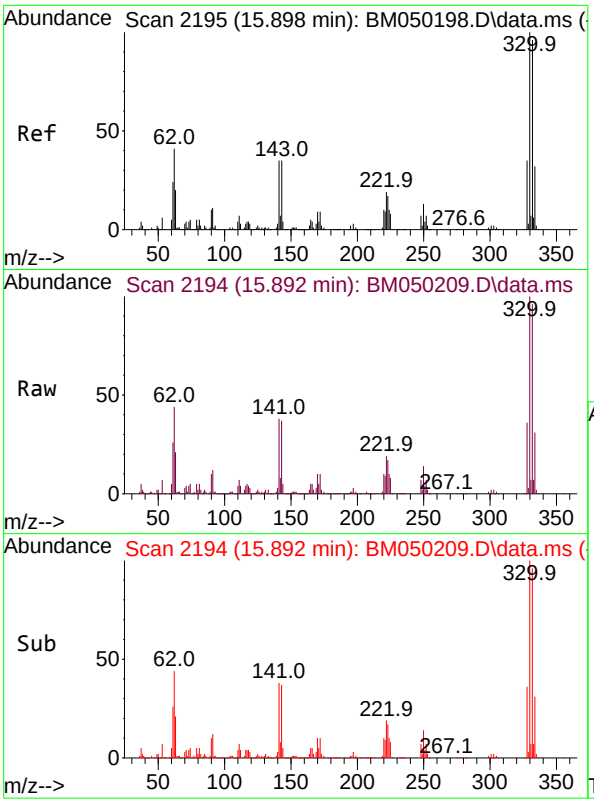


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:164 Resp: 659350

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.4
160	45.2	35.7	53.5



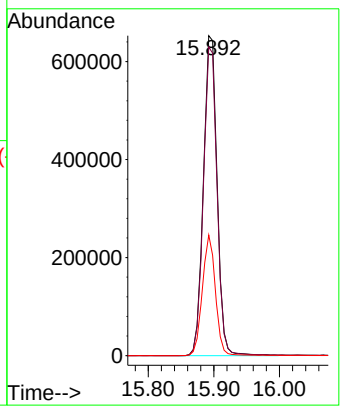


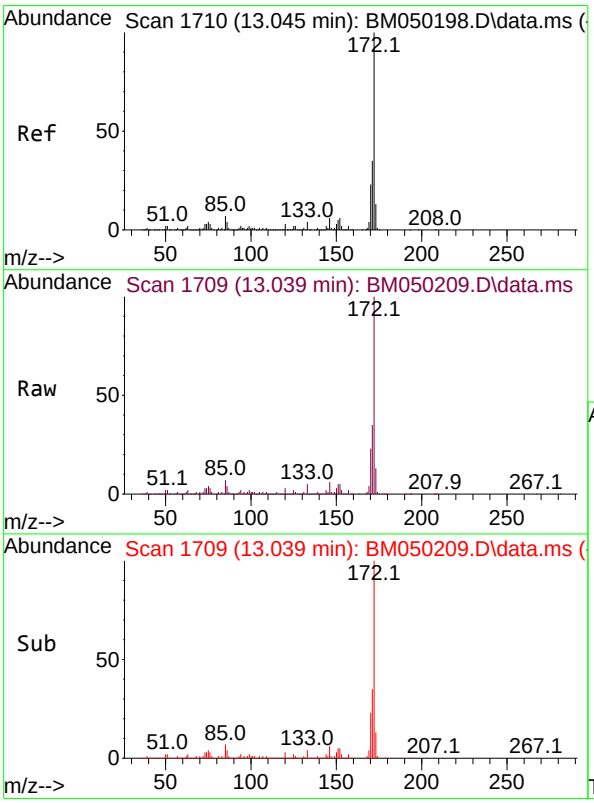
#42
2,4,6-Tribromophenol
Concen: 125.783 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Instrument :
BNA_M
ClientSampleId :
B-187-SB01

Tgt Ion:330 Resp: 943327

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.5	116.3
141	36.0	28.8	43.2

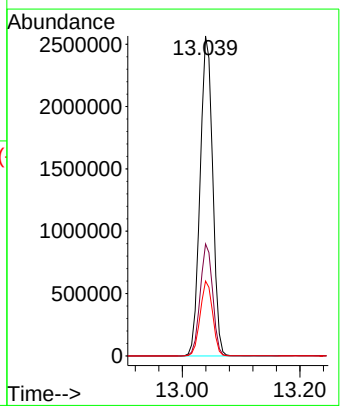


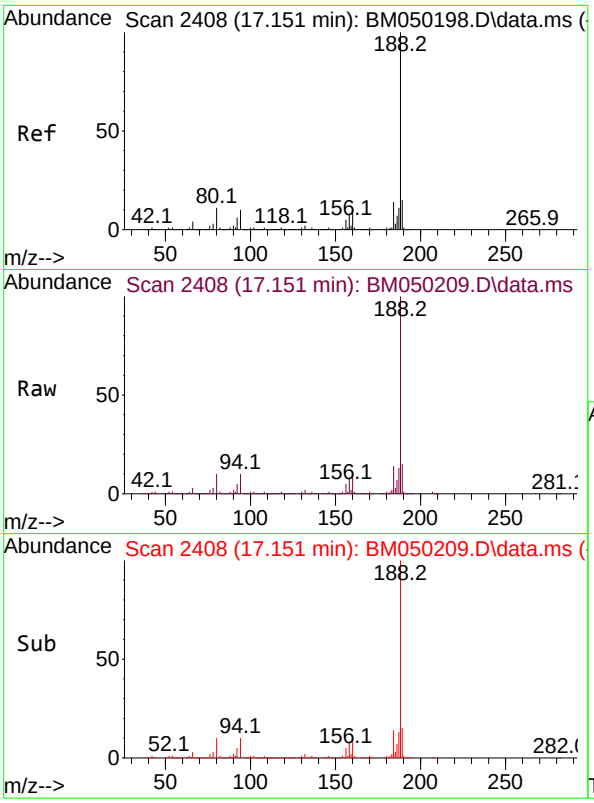


#45
2-Fluorobiphenyl
Concen: 78.161 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:172 Resp: 3806562

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.4	18.6	27.8



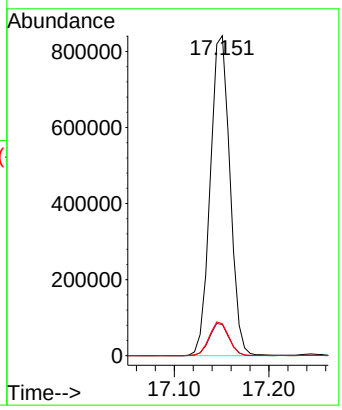


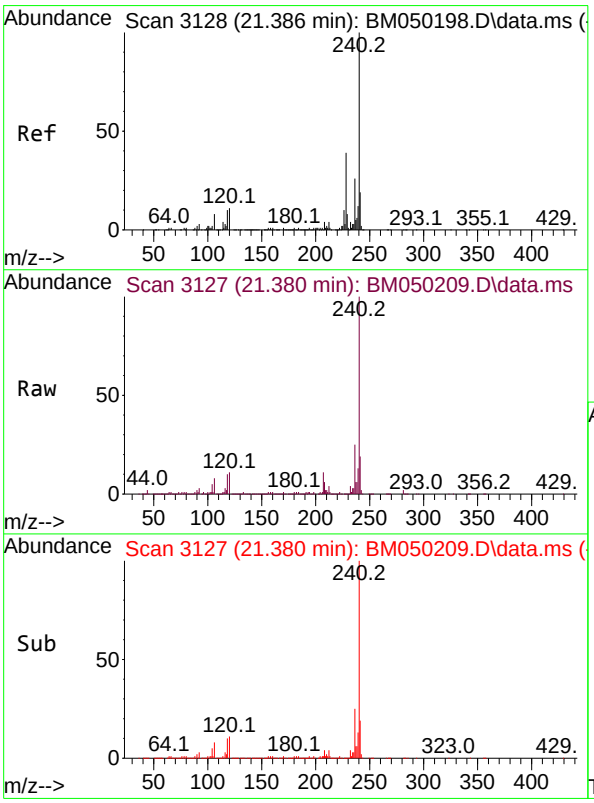
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Instrument :
BNA_M
ClientSampleId :
B-187-SB01

Tgt Ion:188 Resp: 1216071

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	10.0	8.6	13.0

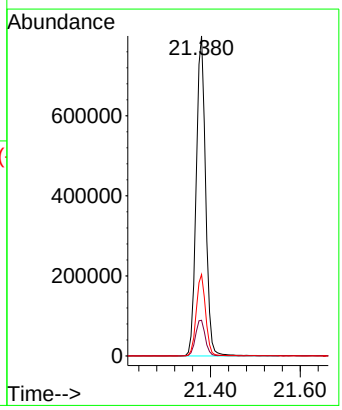


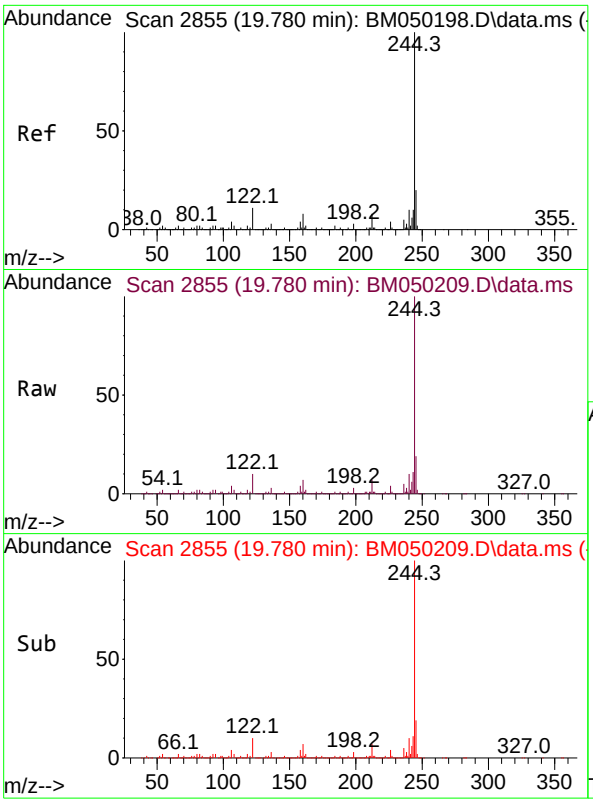


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:240 Resp: 1157737

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	25.4	20.7	31.1



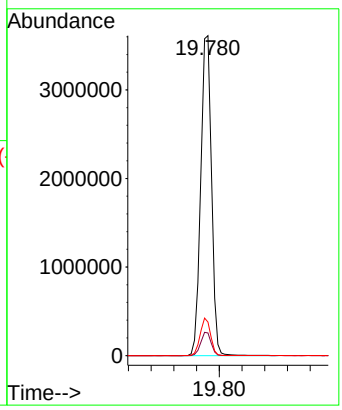


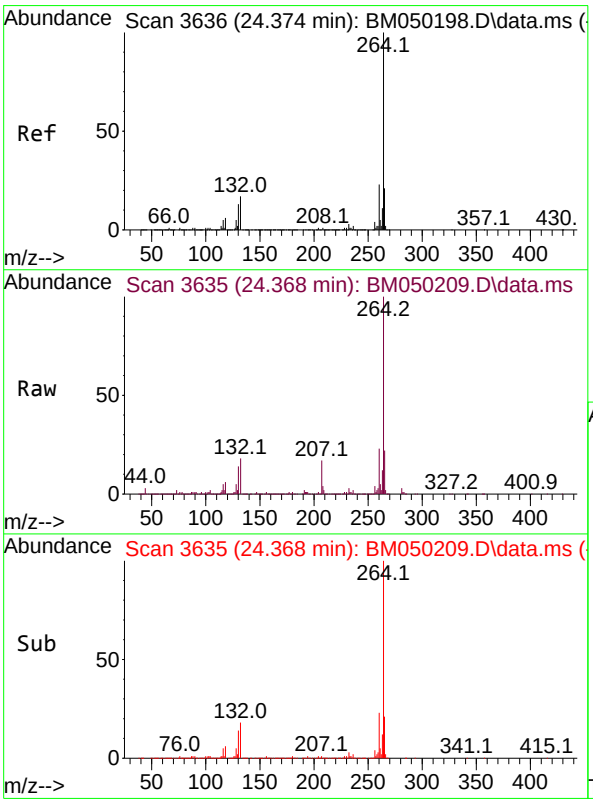
#79
Terphenyl-d14
Concen: 77.545 ng
RT: 19.780 min Scan# 28
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Instrument :
BNA_M
ClientSampleId :
B-187-SB01

Tgt Ion:244 Resp: 4737529

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.5	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:264 Resp: 1244732

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.5	16.8	25.2