Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050203.D
Acq On : 05 Jun 2025 16:35
Operator : RC/JU
Sample : PB168224TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168224TB

Quant Time: Jun 05 17:43:45 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	259307	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	956559	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	522891	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	932766	20.000	ng	0.00
76) Chrysene-d12	21.380	240	869671	20.000	ng	0.00
86) Perylene-d12	24.374	264	921150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2041130	131.307	ng	0.00
7) Phenol-d6	6.952	99	2485850	121.480	ng	0.00
23) Nitrobenzene-d5	8.940	82	1472280	80.048	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	712283	119.761	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	3094556	80.123	ng	0.00
79) Terphenyl-d14	19.780	244	3588909	78.203	ng	0.00
Target Compounds						Qvalue

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

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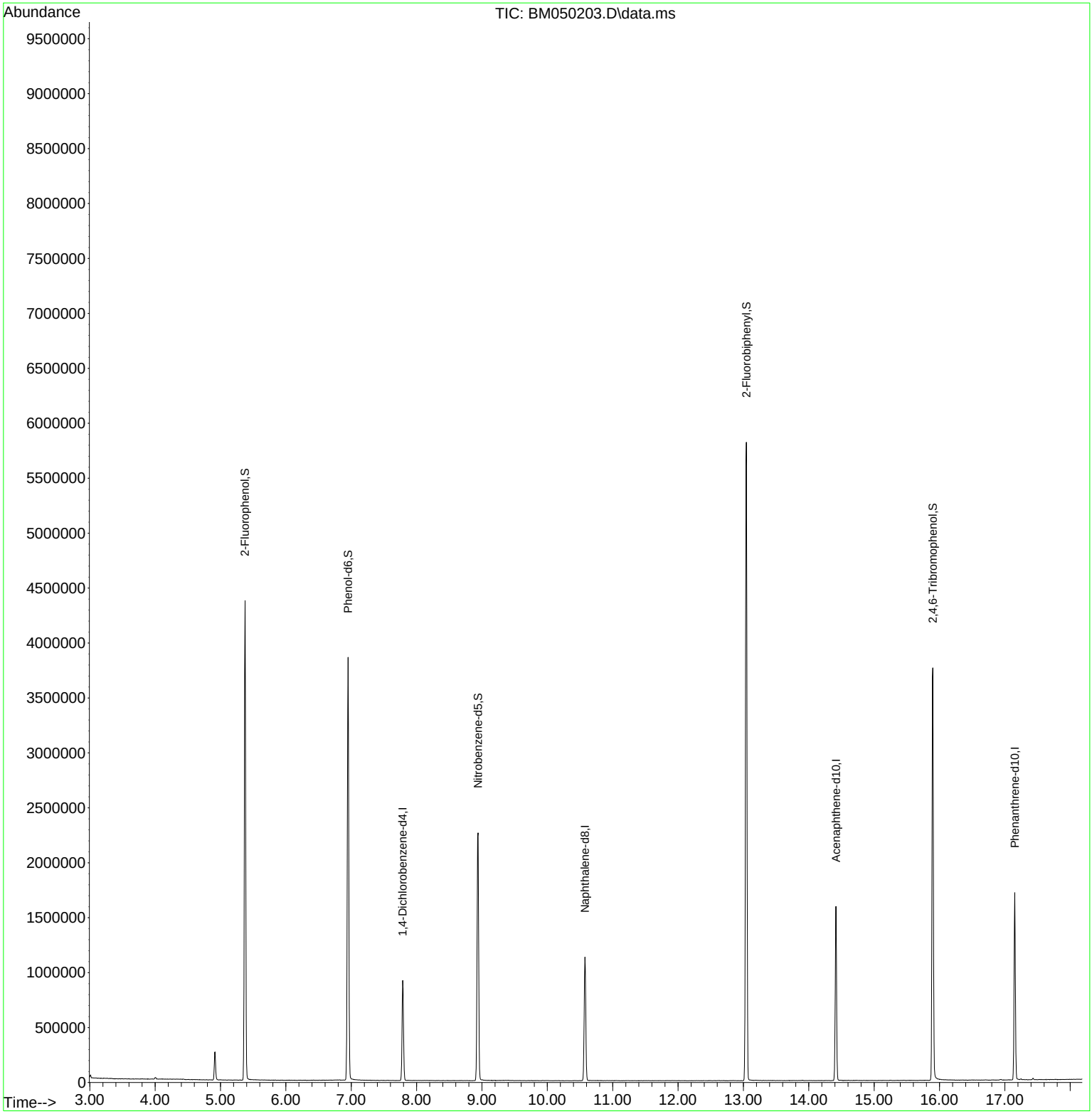

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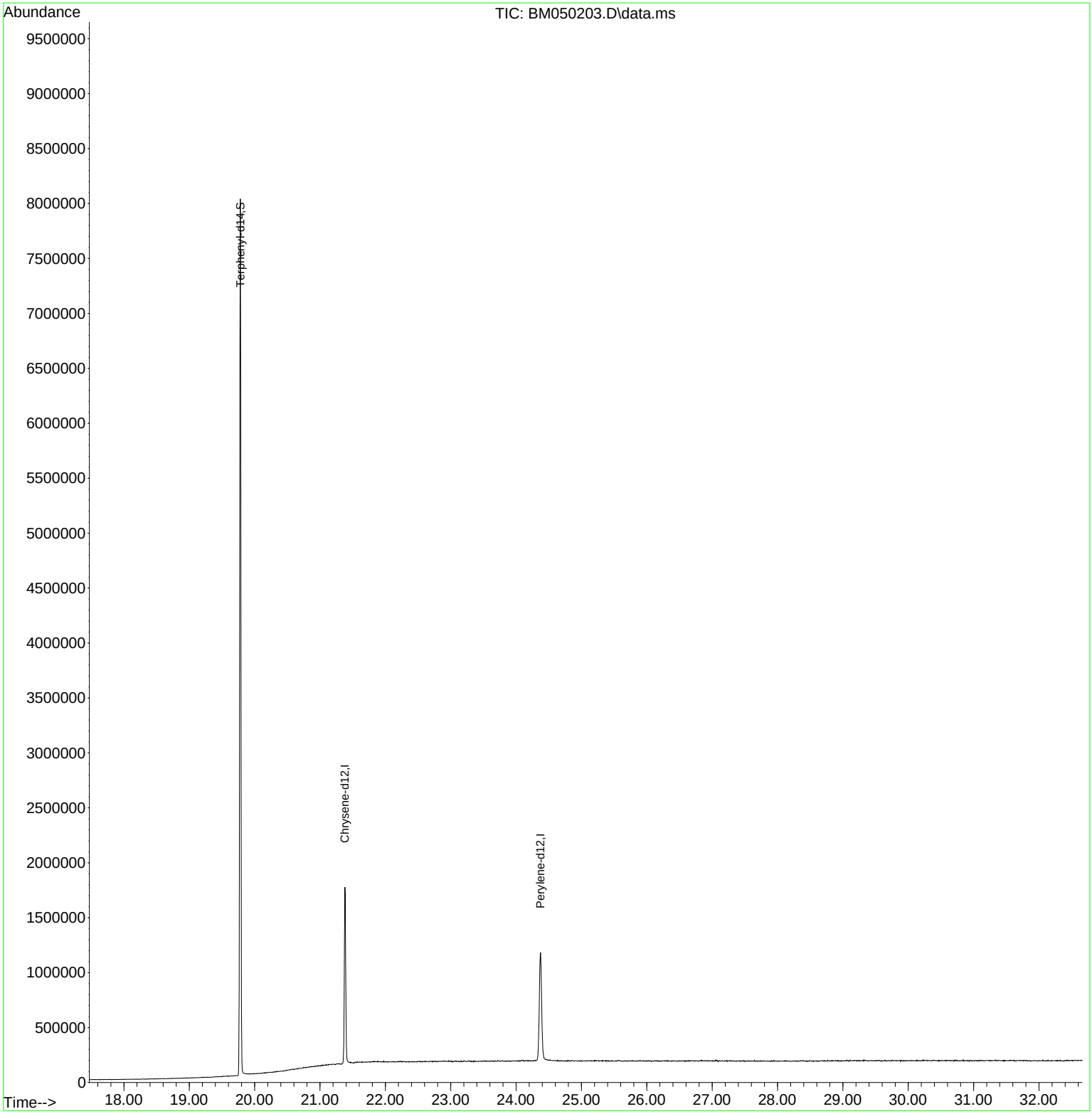
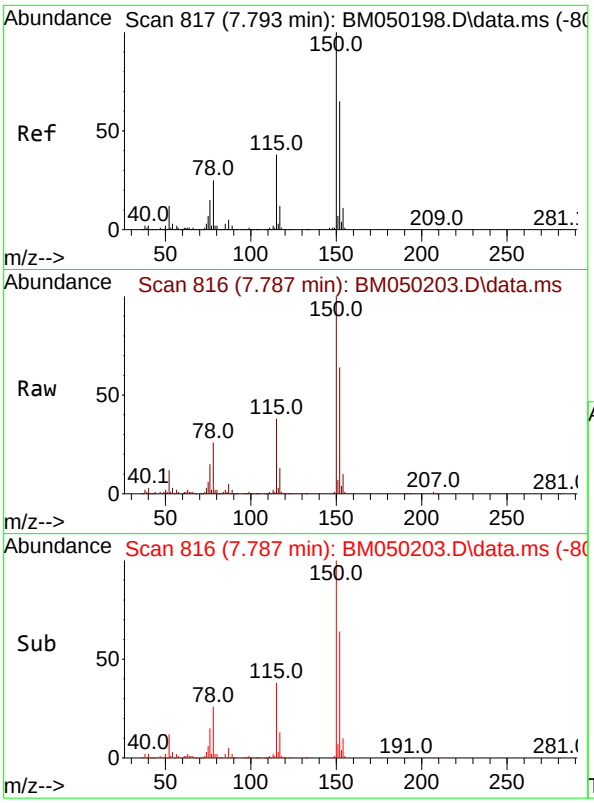


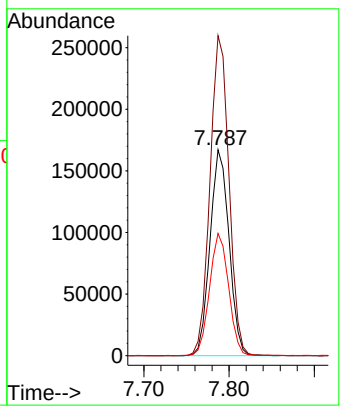


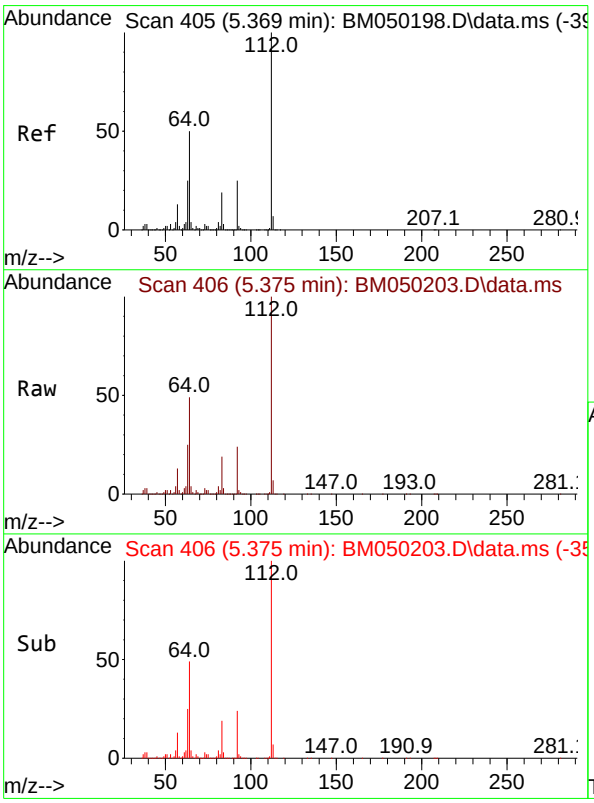
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Instrument :
BNA_M
ClientSampleId :
PB168224TB

Tgt Ion:152 Resp: 259307

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.2	183.4
115	59.4	46.3	69.5

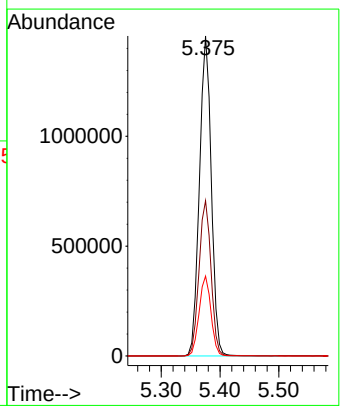


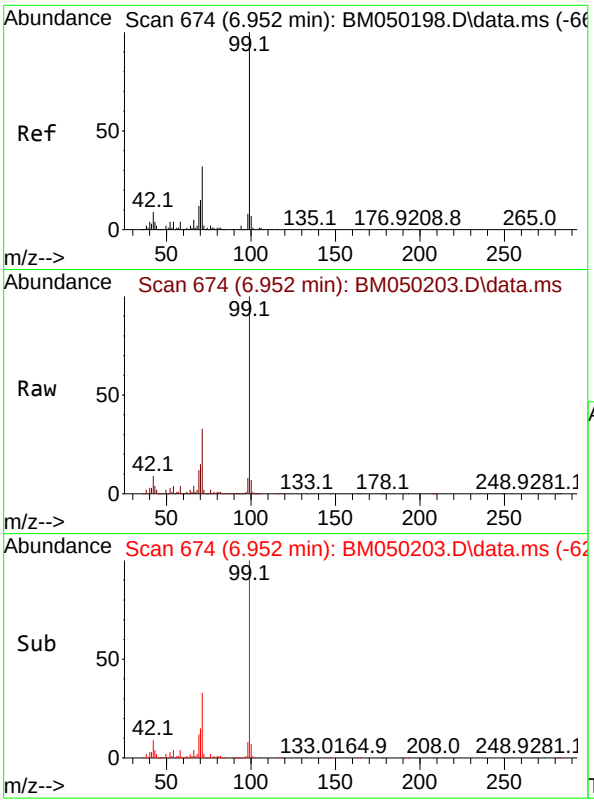


#5
2-Fluorophenol
Concen: 131.307 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Tgt Ion:112 Resp: 2041130

Ion	Ratio	Lower	Upper
112	100		
64	48.5	39.8	59.6
63	24.9	19.8	29.8



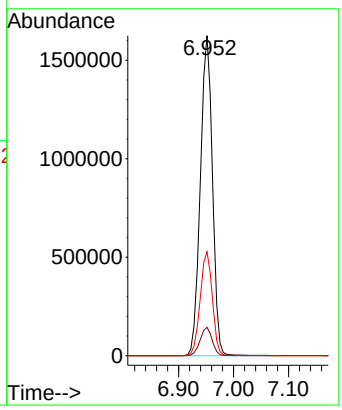


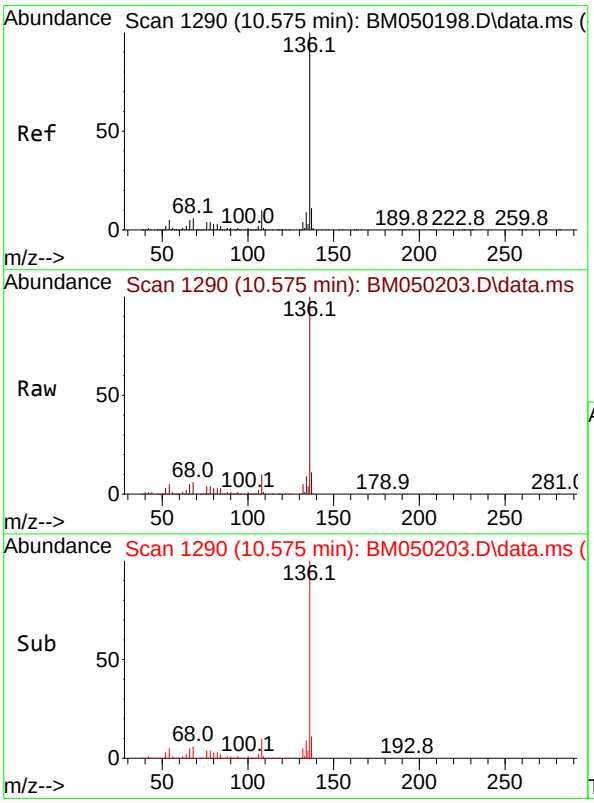
#7
Phenol-d6
Concen: 121.480 ng
RT: 6.952 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Instrument :
BNA_M
ClientSampleId :
PB168224TB

Tgt Ion: 99 Resp: 2485850

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	32.5	25.3	37.9

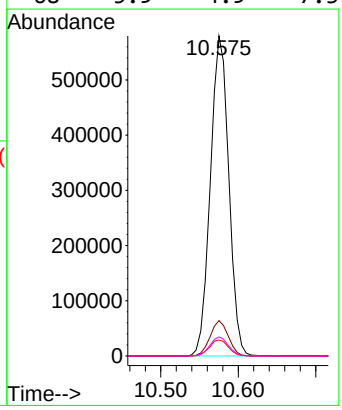


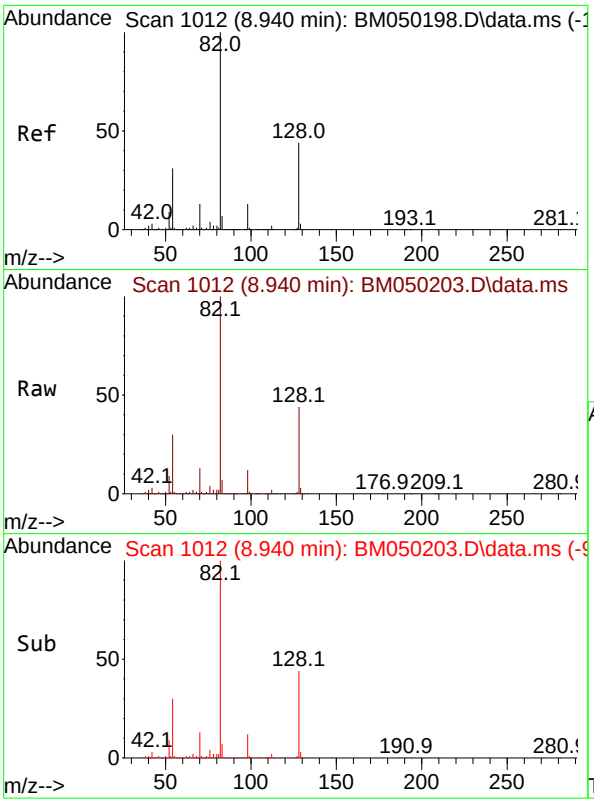


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Tgt Ion:136 Resp: 956559

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.0	3.8	5.8
68	5.9	4.9	7.3



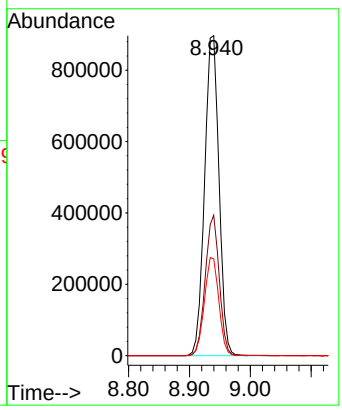


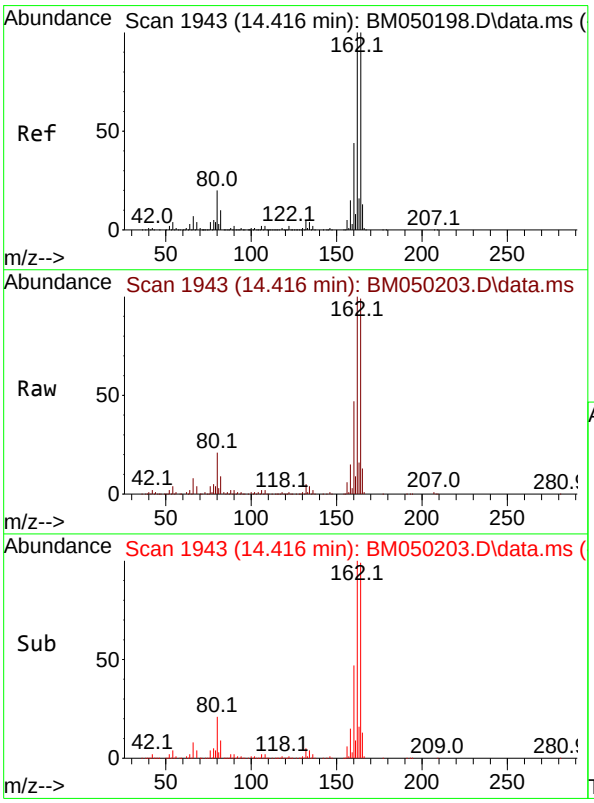
#23
Nitrobenzene-d5
Concen: 80.048 ng
RT: 8.940 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Instrument :
BNA_M
ClientSampleId :
PB168224TB

Tgt Ion: 82 Resp: 1472280

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.2	52.8
54	30.3	24.5	36.7

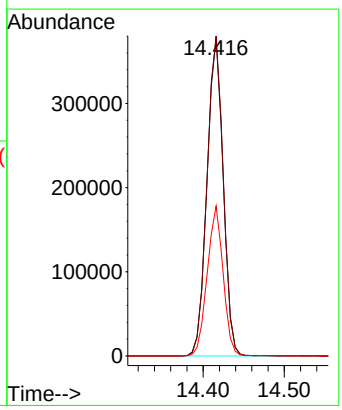


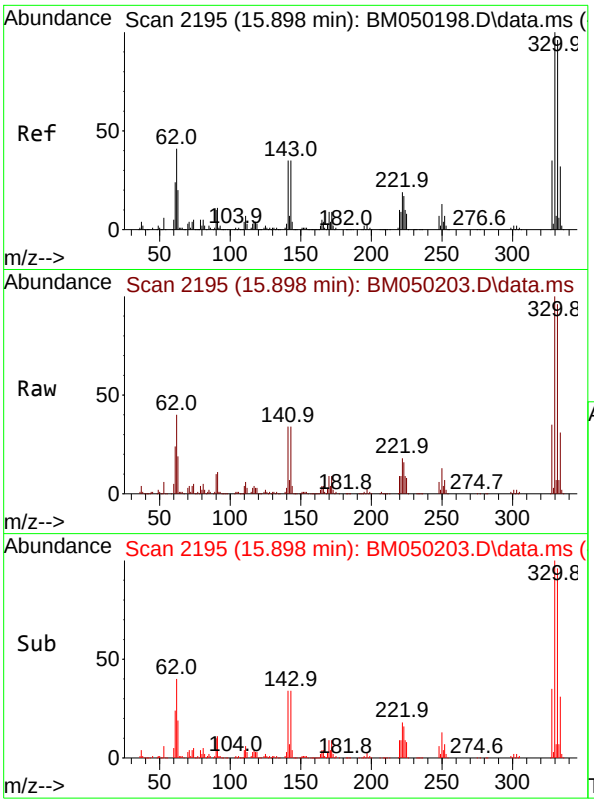


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Tgt Ion:164 Resp: 522891

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.4
160	47.2	35.7	53.5



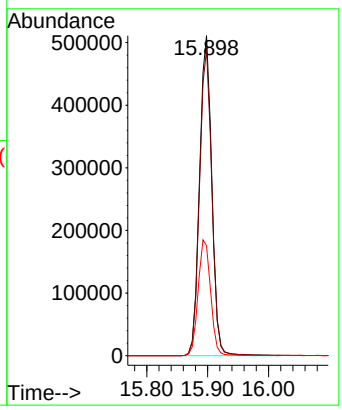


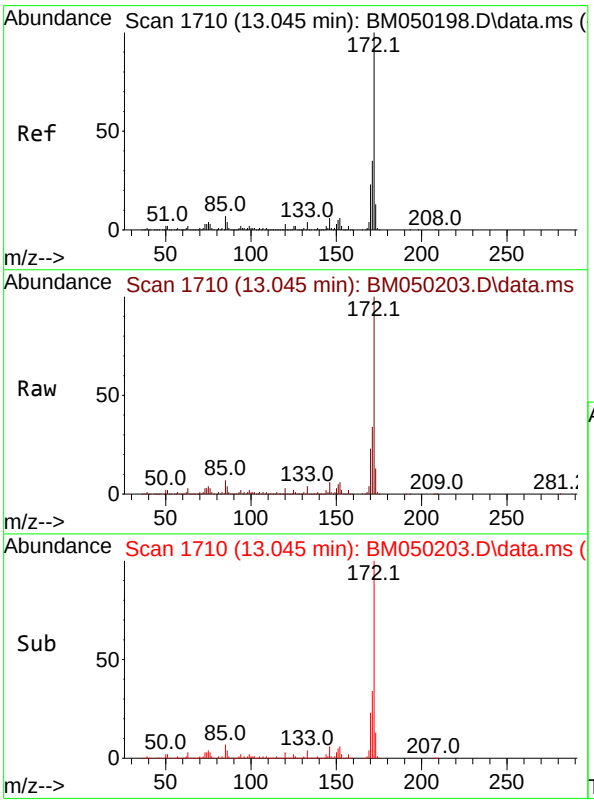
#42
2,4,6-Tribromophenol
Concen: 119.761 ng
RT: 15.898 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Instrument :
BNA_M
ClientSampleId :
PB168224TB

Tgt Ion:330 Resp: 712283

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.5	116.3
141	37.0	28.8	43.2

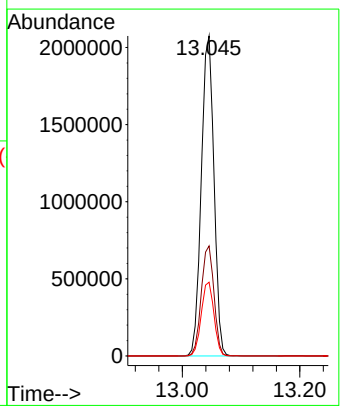


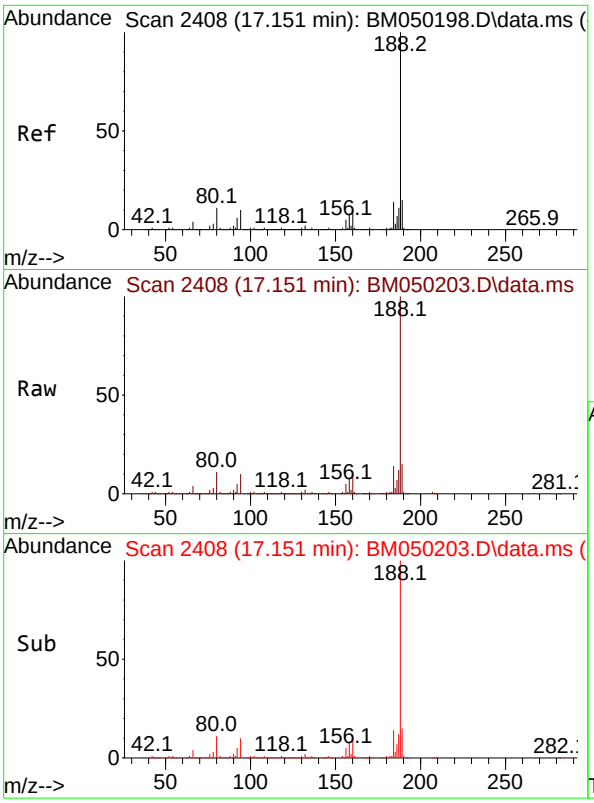


#45
2-Fluorobiphenyl
Concen: 80.123 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Tgt Ion:172 Resp: 3094556

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.0	18.6	27.8



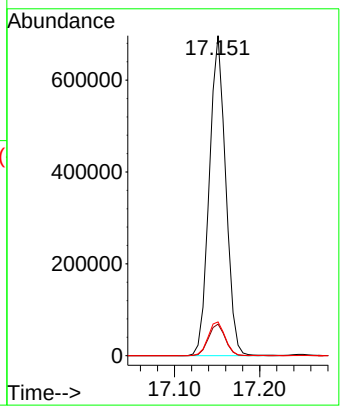


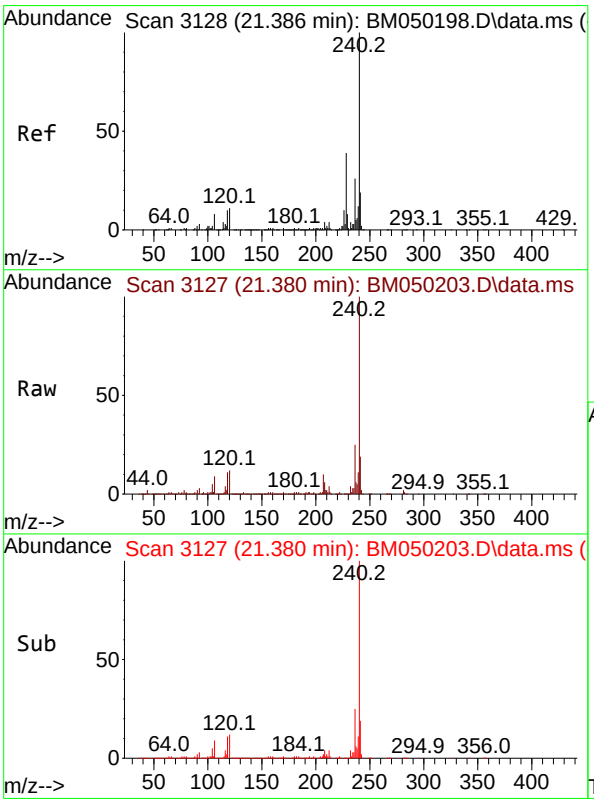
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Instrument :
BNA_M
ClientSampleId :
PB168224TB

Tgt Ion:188 Resp: 932766

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	10.6	8.6	13.0

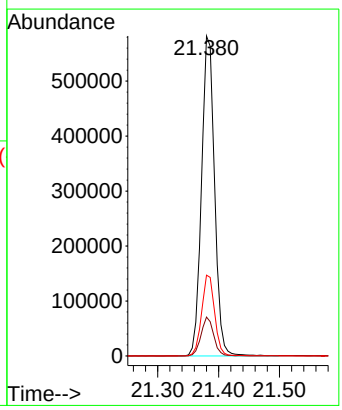


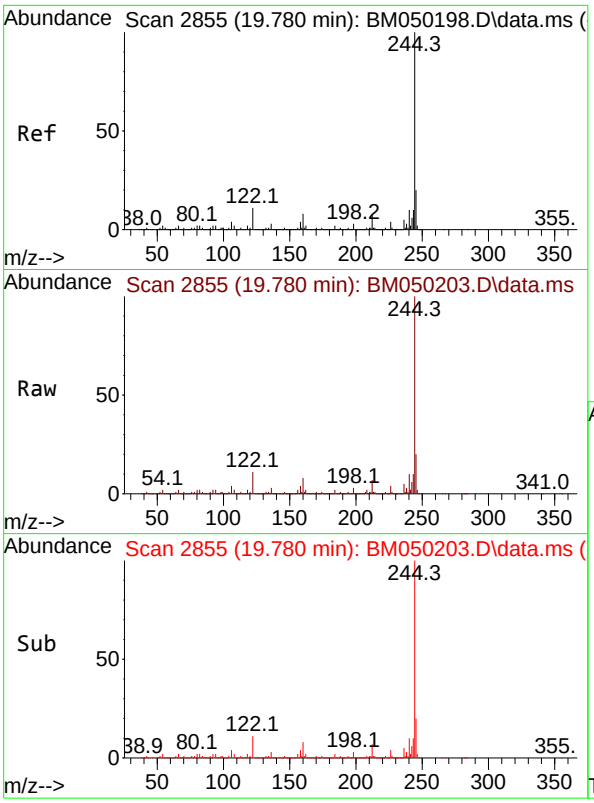


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Tgt Ion:240 Resp: 869671

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.4
236	25.2	20.7	31.1



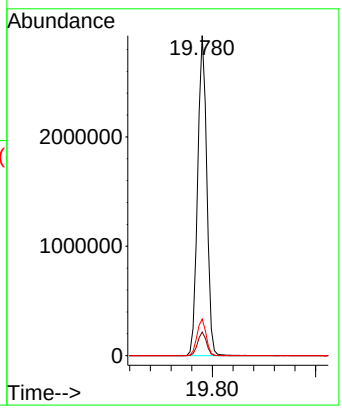


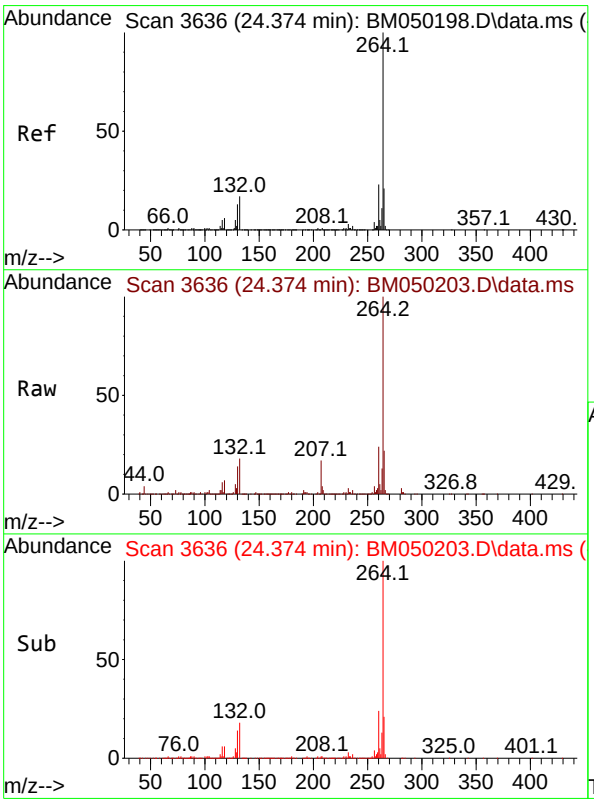
#79
Terphenyl-d14
Concen: 78.203 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Instrument :
BNA_M
ClientSampleId :
PB168224TB

Tgt Ion:244 Resp: 3588909

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.4	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Tgt Ion:264 Resp: 921150

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.8	16.8	25.2