Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050246.D
Acq On : 09 Jun 2025 17:43
Operator : RC/JU
Sample : PB168311TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168311TB

Quant Time: Jun 10 01:25:35 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	7.769	152	348706	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1311818	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	755301	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1467647	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1523440	20.000	ng	0.00
86) Perylene-d12	24.344	264	1647706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2951685	141.203	ng	0.00
7) Phenol-d6	6.934	99	3637251	132.177	ng	0.00
23) Nitrobenzene-d5	8.916	82	2171348	86.085	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1216044	141.548	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4669156	83.693	ng	0.00
79) Terphenyl-d14	19.768	244	6569575	81.720	ng	0.00
Target Compounds						Qvalue

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

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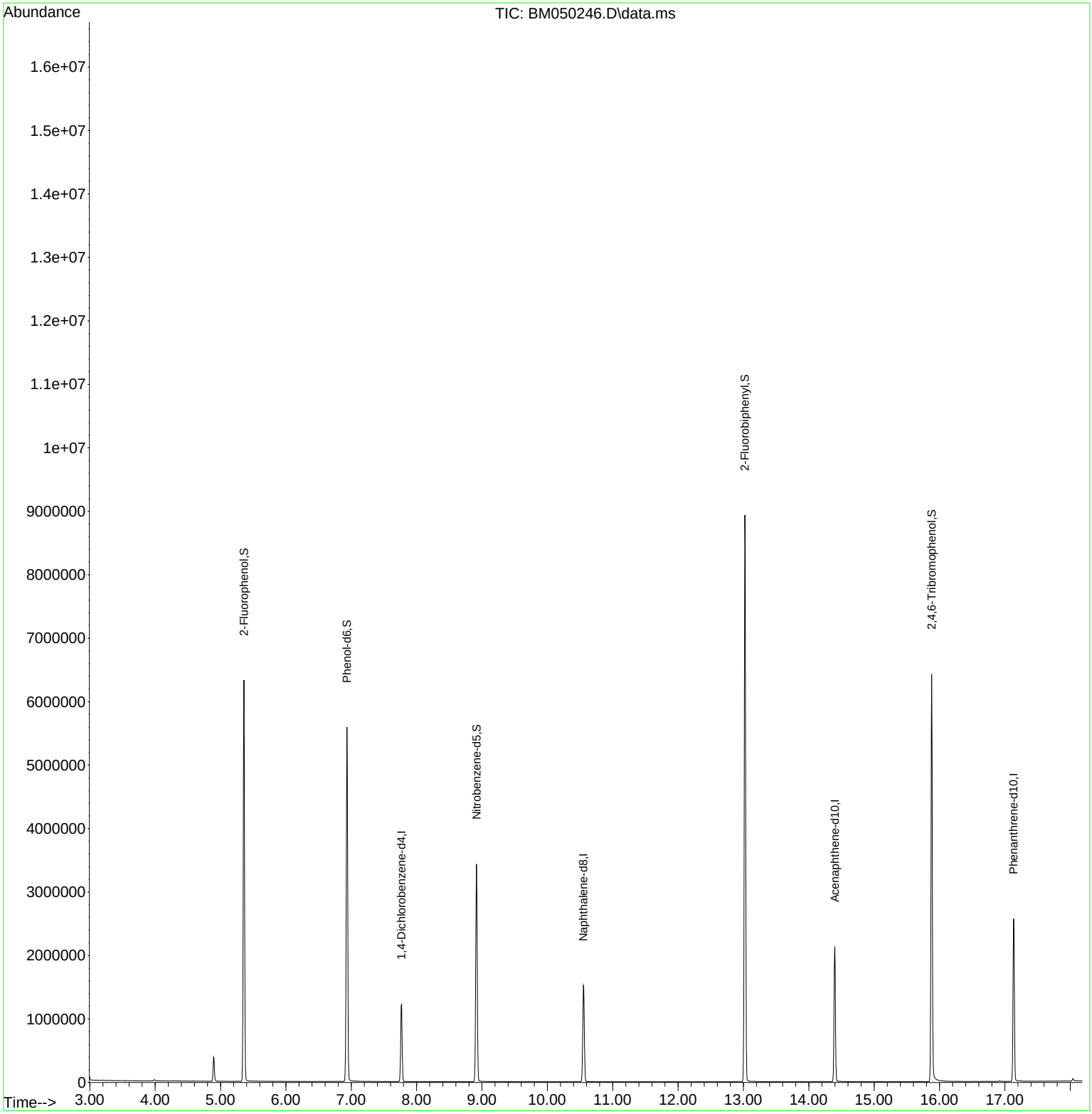

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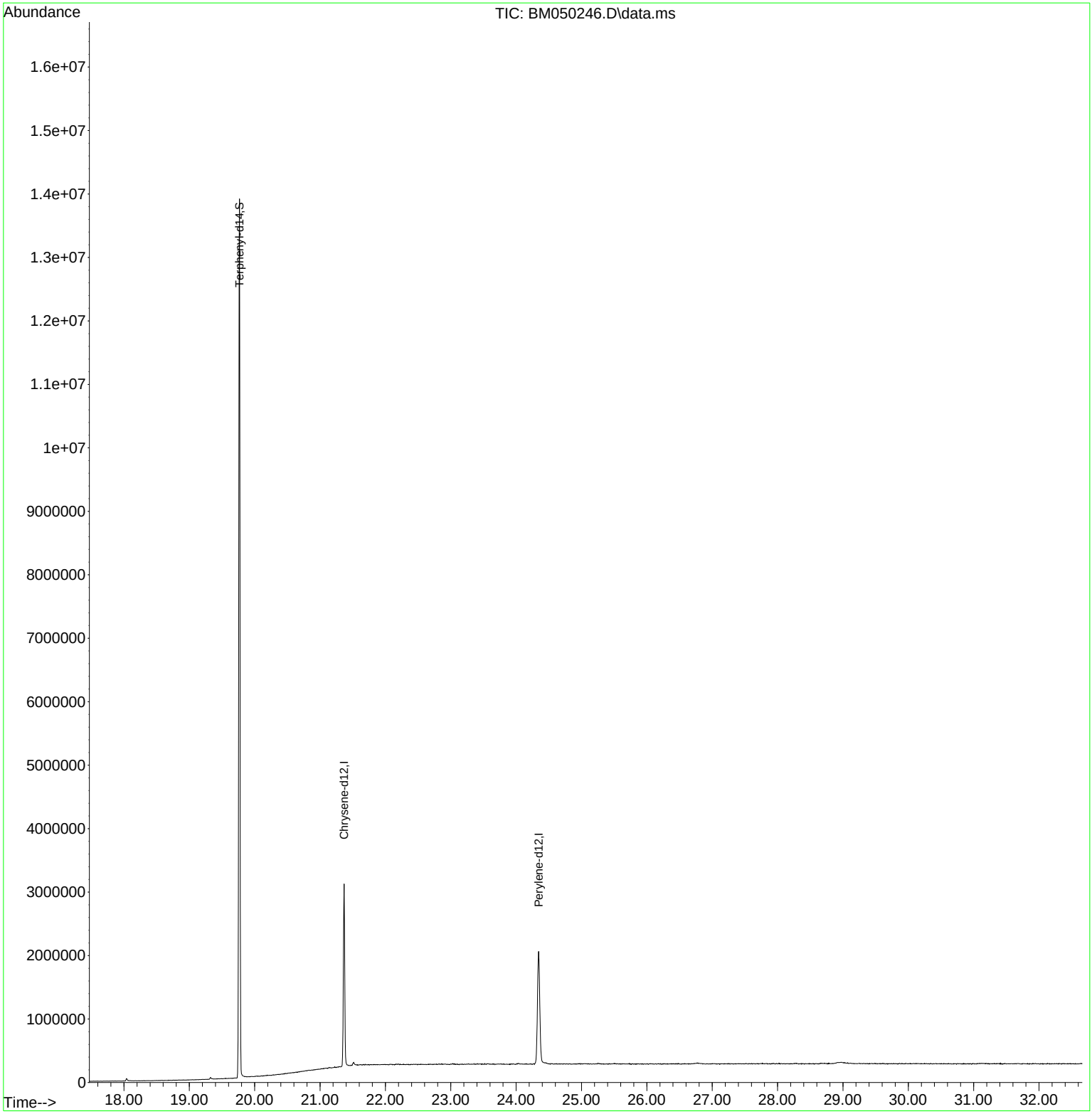
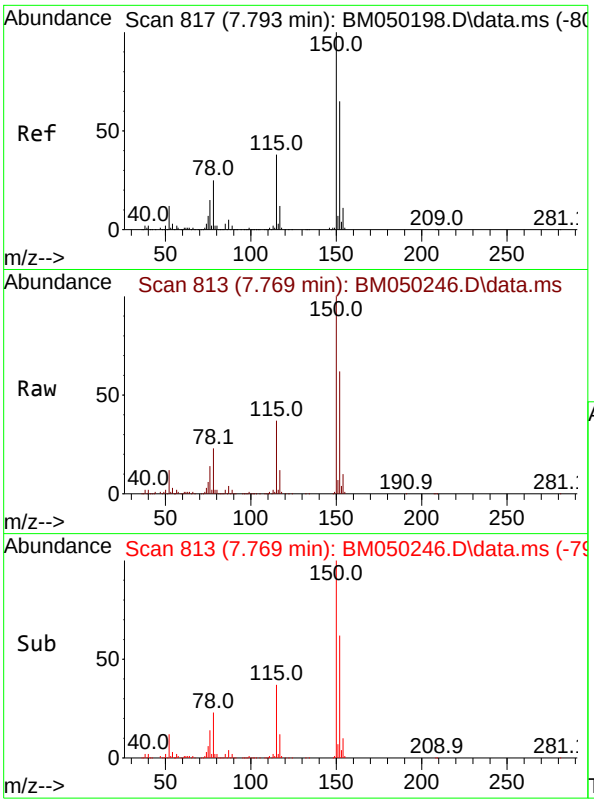


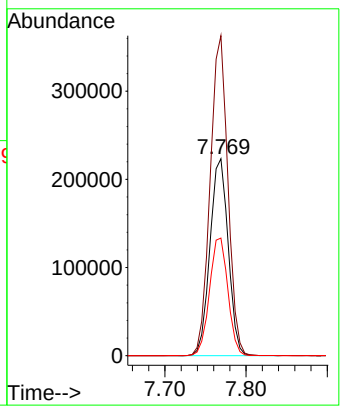


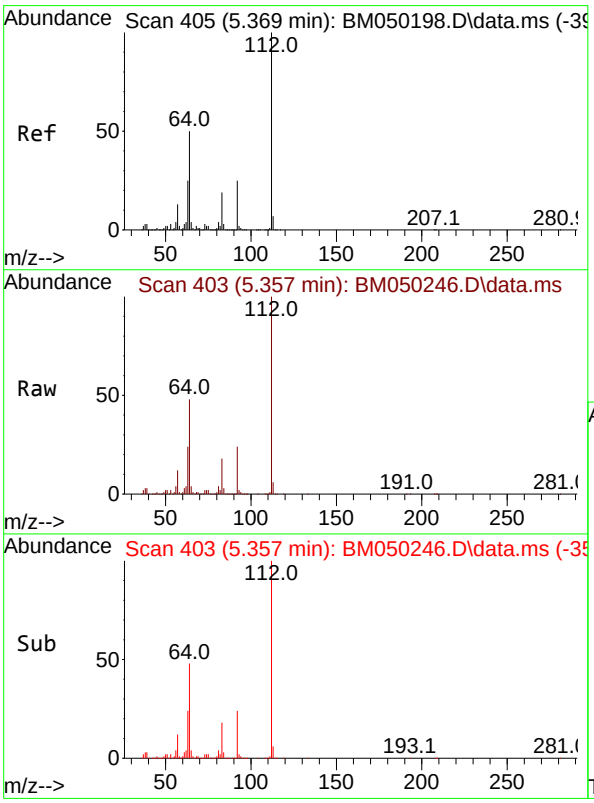
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Instrument :
BNA_M
ClientSampleId :
PB168311TB

Tgt Ion:152 Resp: 348706

Ion	Ratio	Lower	Upper
152	100		
150	162.5	122.2	183.4
115	59.7	46.3	69.5

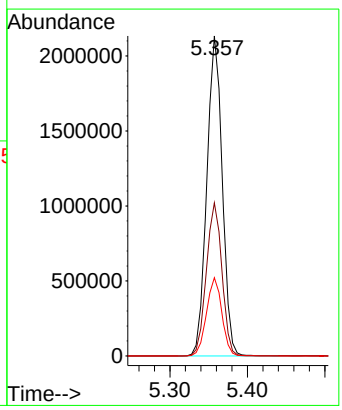


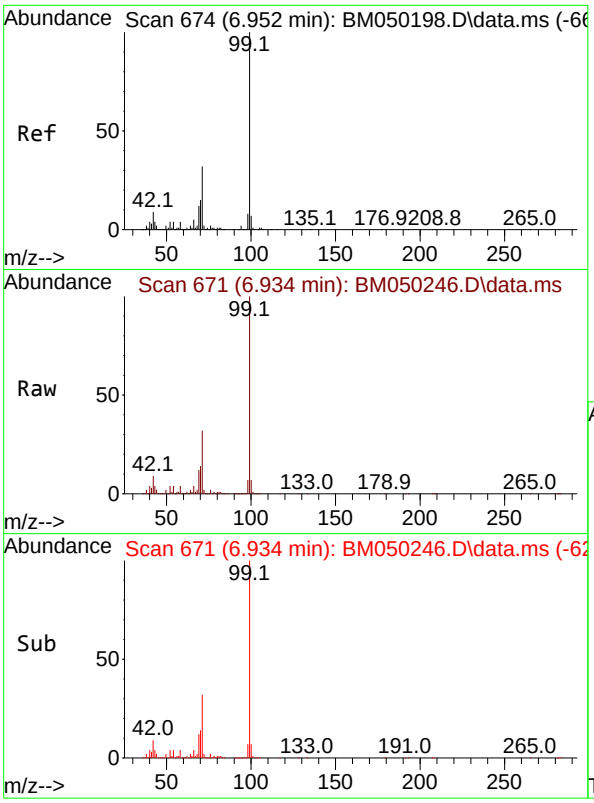


#5
2-Fluorophenol
Concen: 141.203 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Tgt Ion:112 Resp: 2951685

Ion	Ratio	Lower	Upper
112	100		
64	47.9	39.8	59.6
63	24.5	19.8	29.8



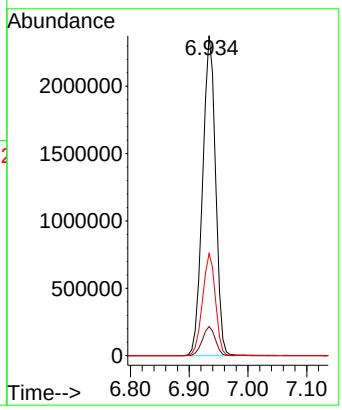


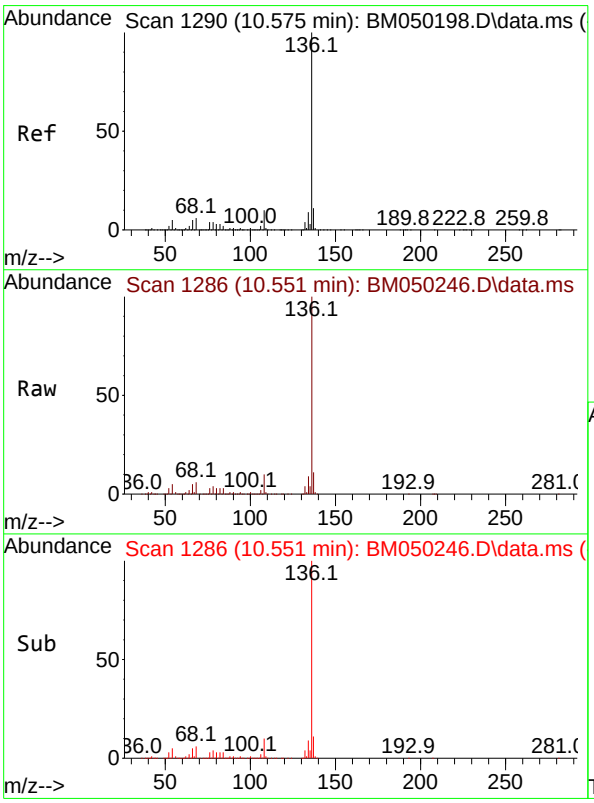
#7
Phenol-d6
Concen: 132.177 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Instrument :
BNA_M
ClientSampleId :
PB168311TB

Tgt Ion: 99 Resp: 3637251

Ion	Ratio	Lower	Upper
99	100		
42	9.1	6.9	10.3
71	31.9	25.3	37.9

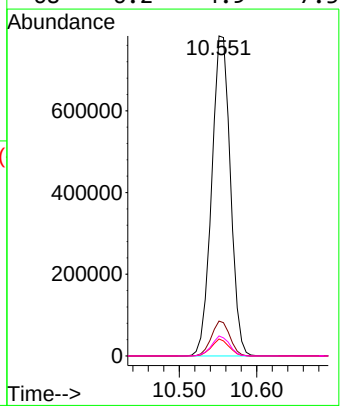


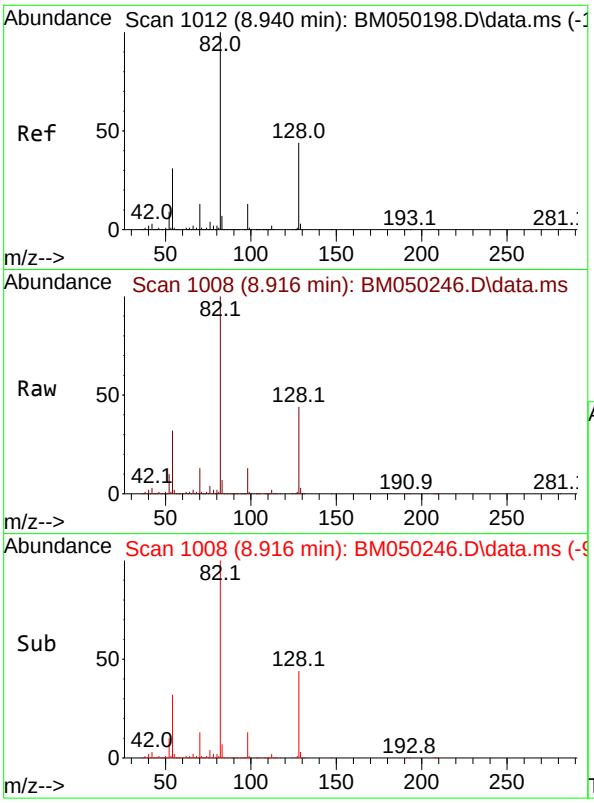


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Tgt Ion:136 Resp: 1311818

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.3	3.8	5.8
68	6.2	4.9	7.3



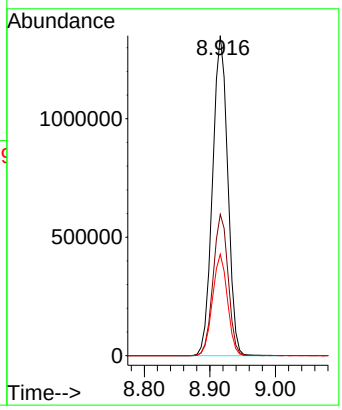


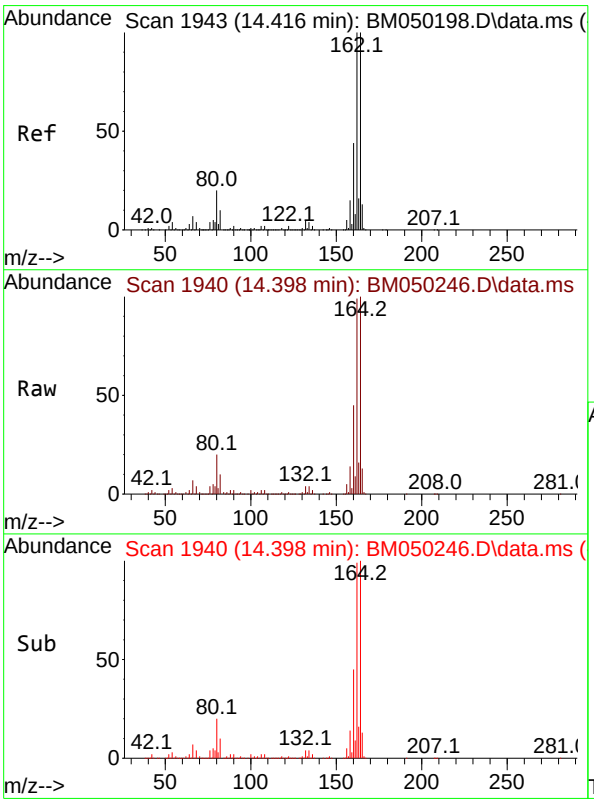
#23
Nitrobenzene-d5
Concen: 86.085 ng
RT: 8.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Instrument :
BNA_M
ClientSampleId :
PB168311TB

Tgt Ion: 82 Resp: 2171348

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.2	52.8
54	31.7	24.5	36.7

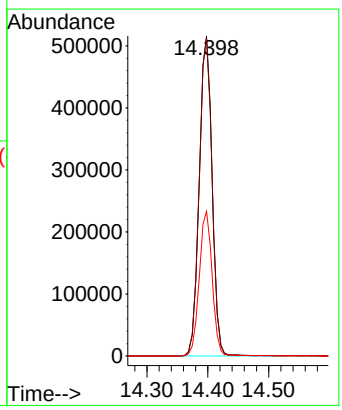


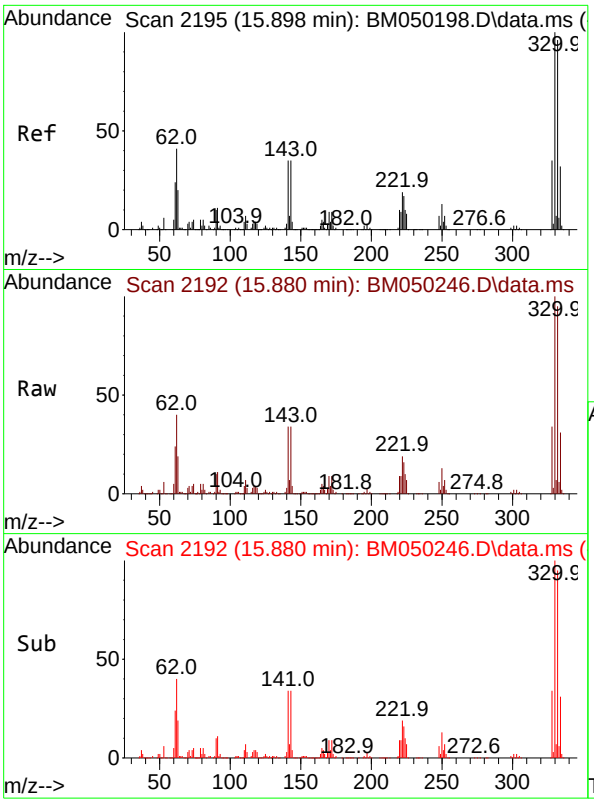


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Tgt Ion:164 Resp: 755301

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.4
160	45.2	35.7	53.5



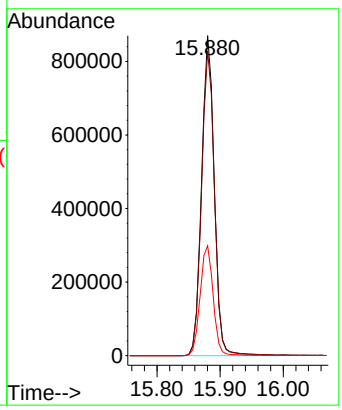


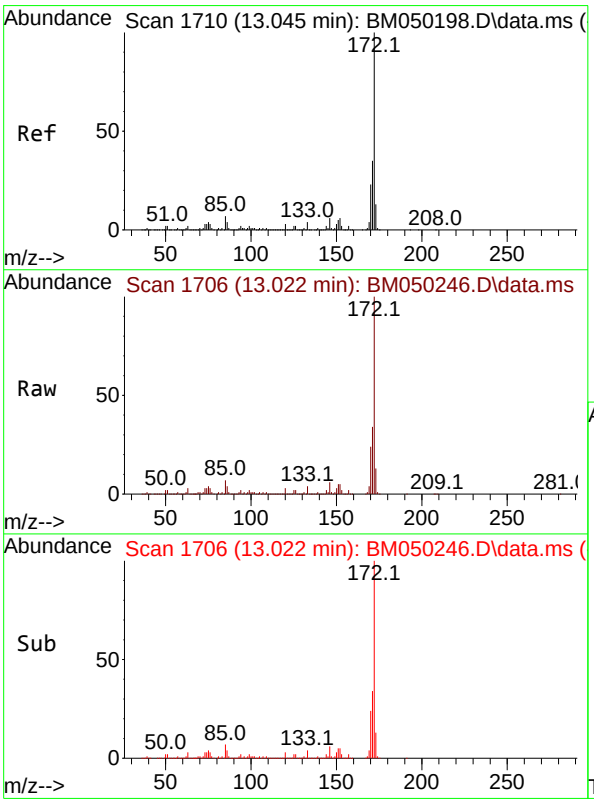
#42
2,4,6-Tribromophenol
Concen: 141.548 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Instrument :
BNA_M
ClientSampleId :
PB168311TB

Tgt Ion:330 Resp: 1216044

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.5	116.3
141	35.5	28.8	43.2

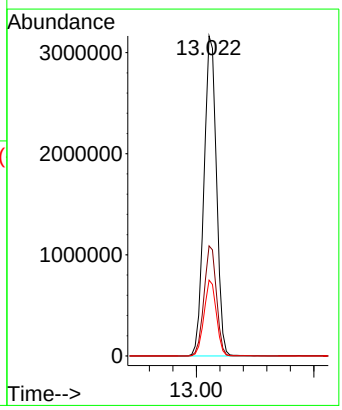


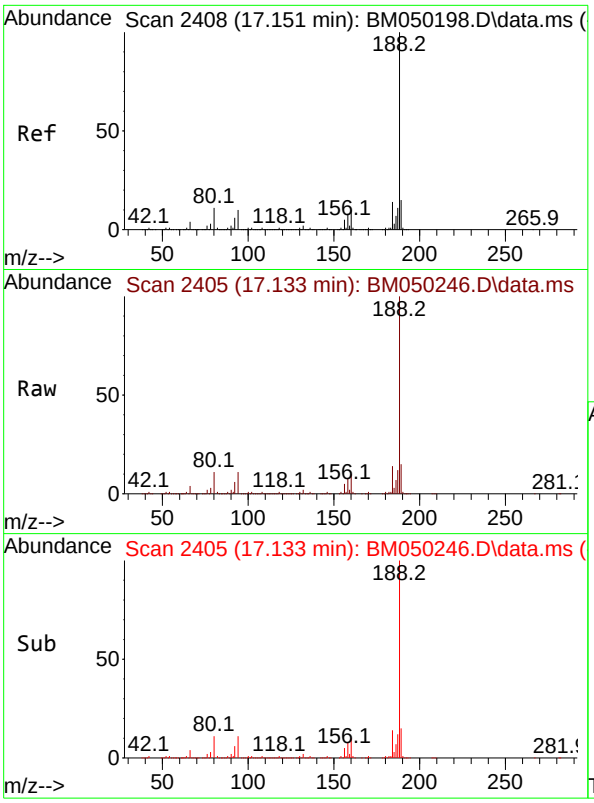


#45
2-Fluorobiphenyl
Concen: 83.693 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Tgt Ion:172 Resp: 4669156

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.7	18.6	27.8



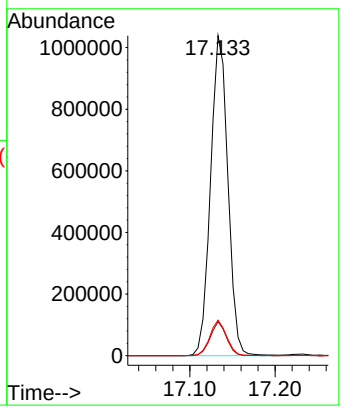


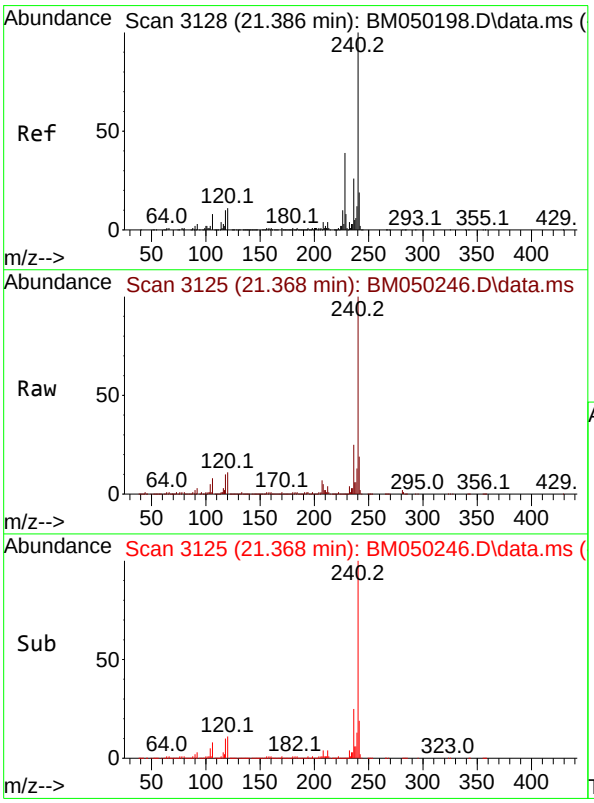
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Instrument :
BNA_M
ClientSampleId :
PB168311TB

Tgt Ion:188 Resp: 1467647

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	11.1	8.6	13.0

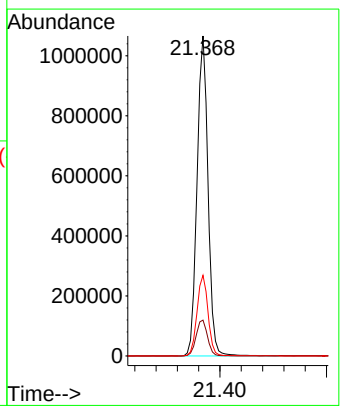


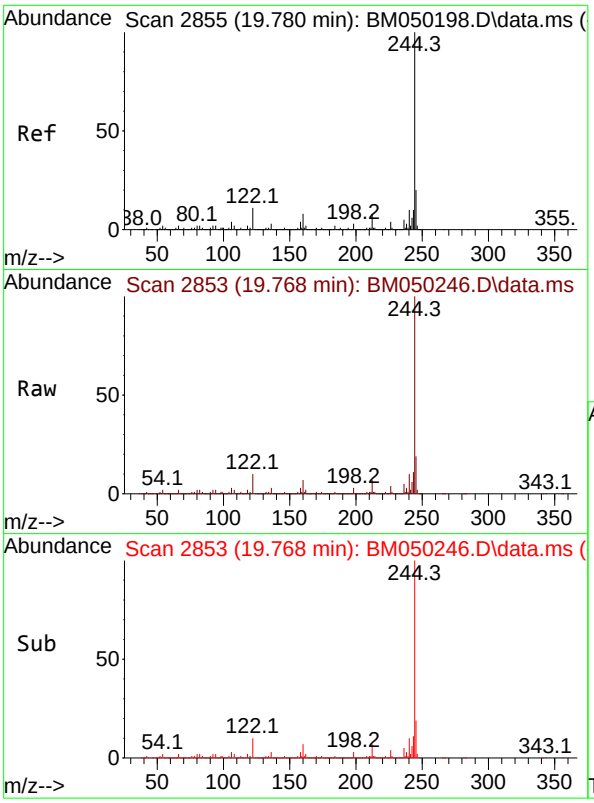


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Tgt Ion:240 Resp: 1523440

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.2	20.7	31.1



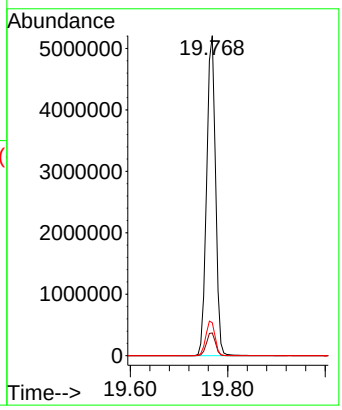


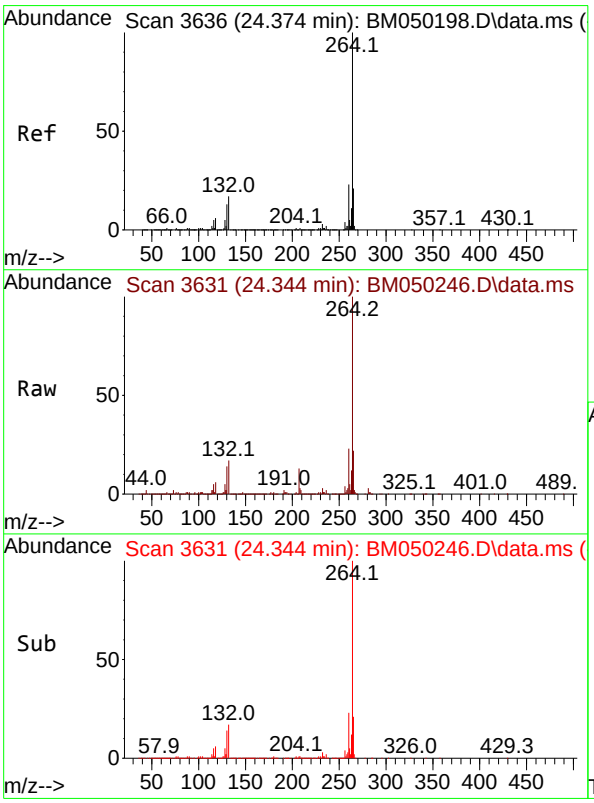
#79
Terphenyl-d14
Concen: 81.720 ng
RT: 19.768 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Instrument :
BNA_M
ClientSampleId :
PB168311TB

Tgt Ion:244 Resp: 6569575

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.3	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Tgt Ion:264 Resp: 1647706

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.6	16.8	25.2