Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050224.D
Acq On : 06 Jun 2025 22:03
Operator : RC/JU
Sample : PB168314BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Quant Time: Jun 07 01:21:07 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	7.786	152	315983	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1181137	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	658679	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1198309	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1134031	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1193795	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2551038	134.675	ng	0.00
7) Phenol-d6	6.951	99	3124058	125.285	ng	0.00
23) Nitrobenzene-d5	8.933	82	1813937	79.872	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	935918	124.922	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3959669	81.387	ng	-0.01
79) Terphenyl-d14	19.774	244	4894065	81.782	ng	-0.01
Target Compounds						Qvalue

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

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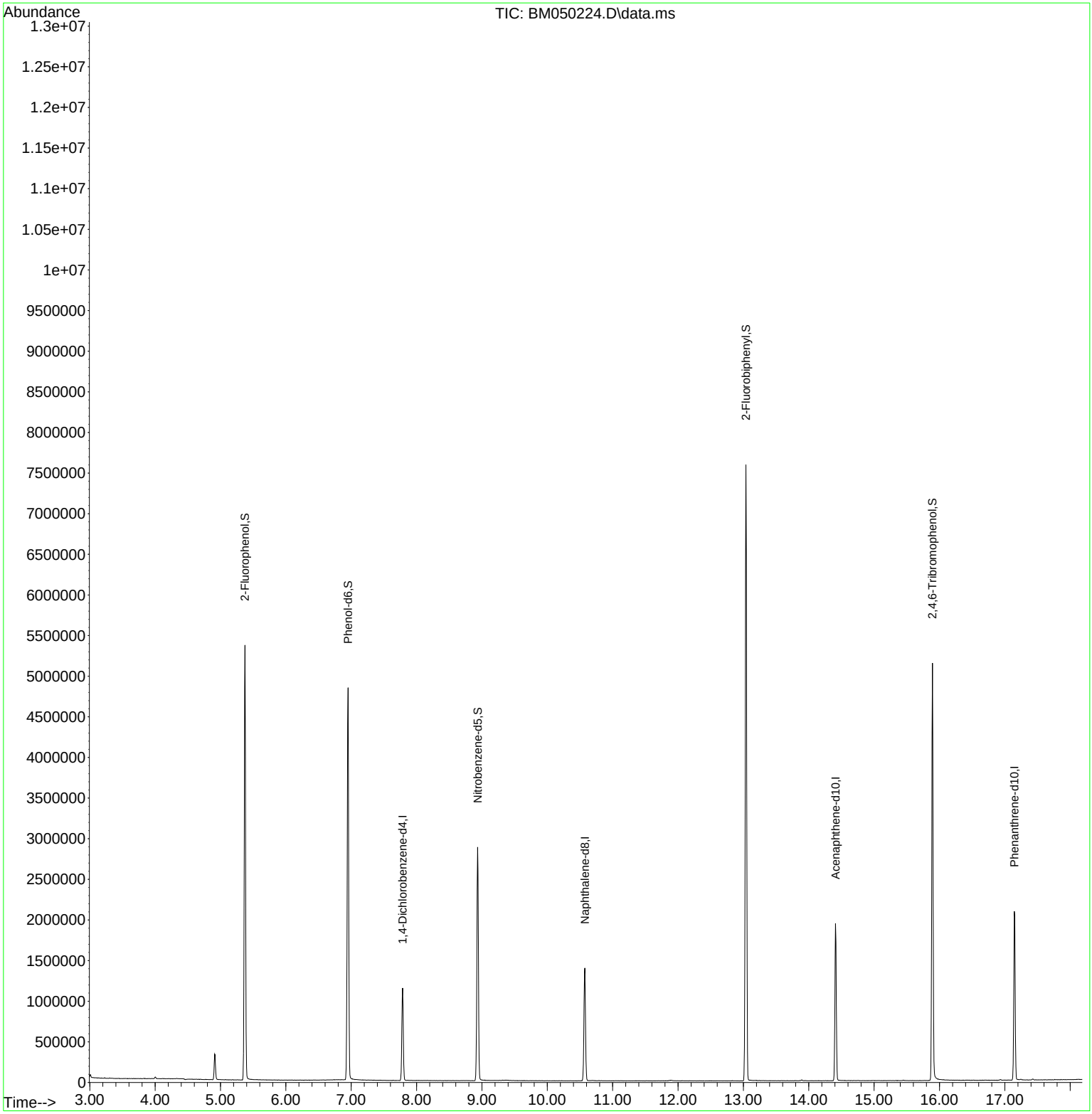

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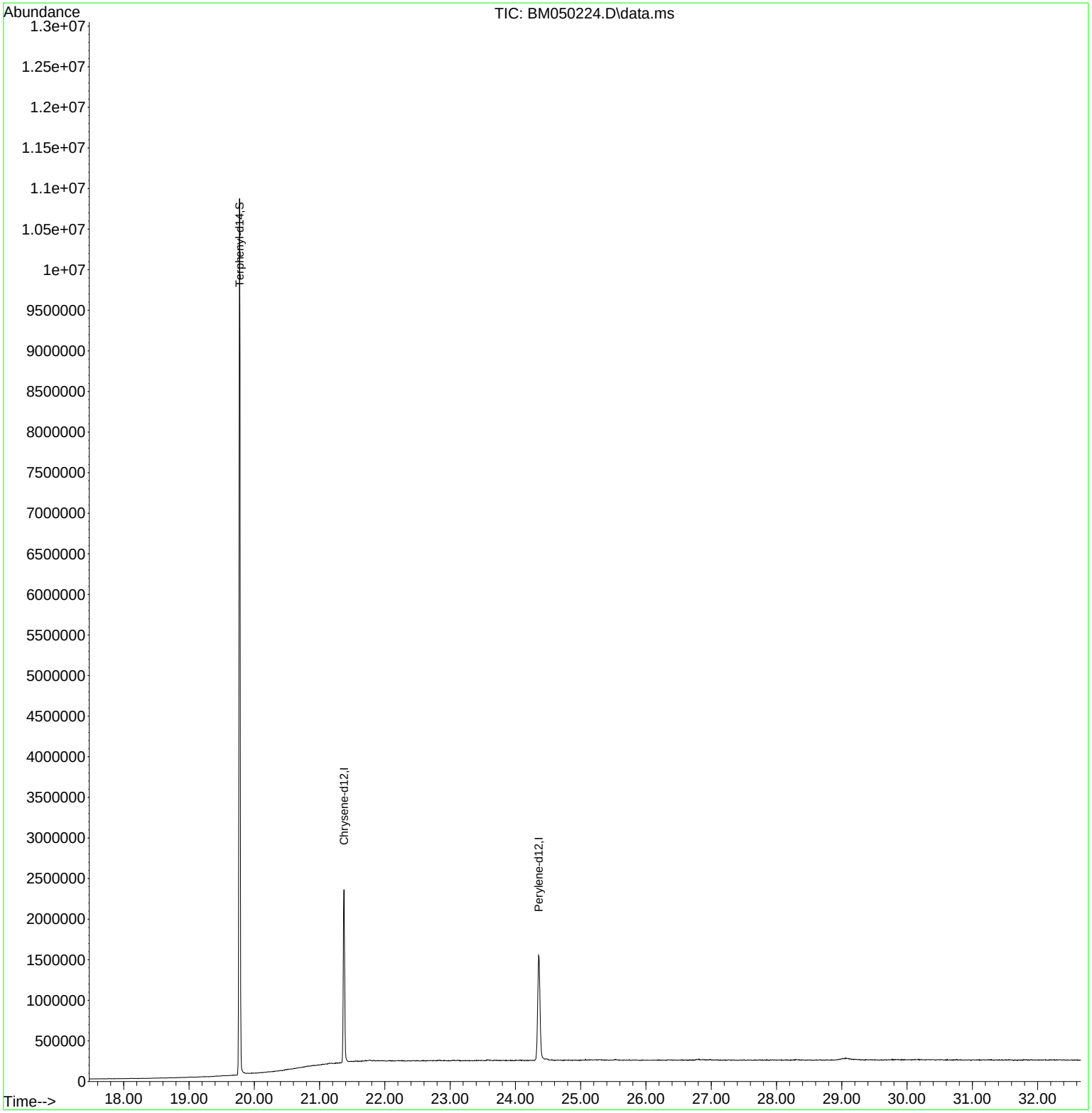
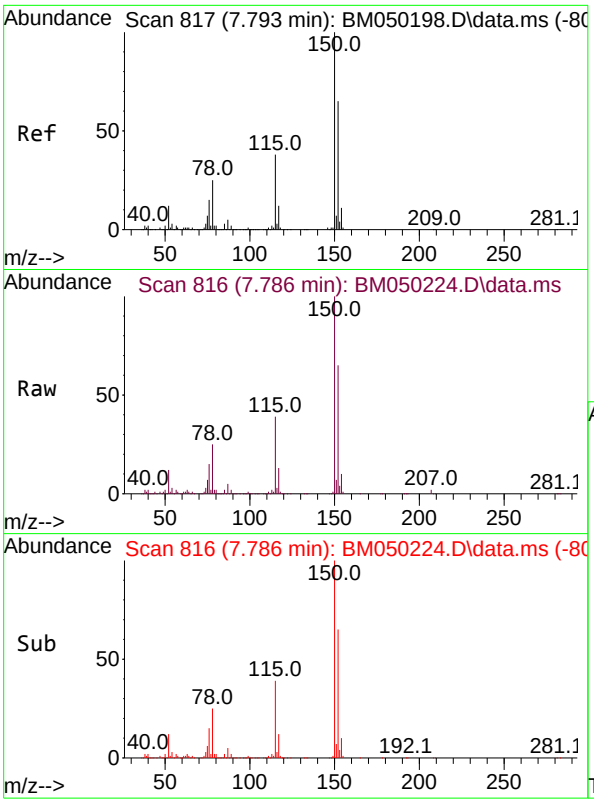


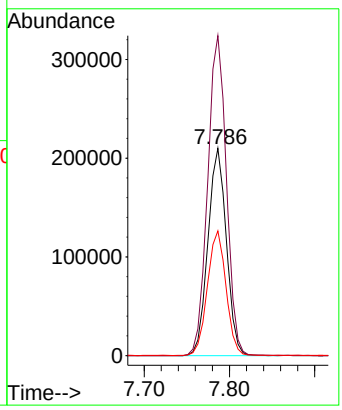


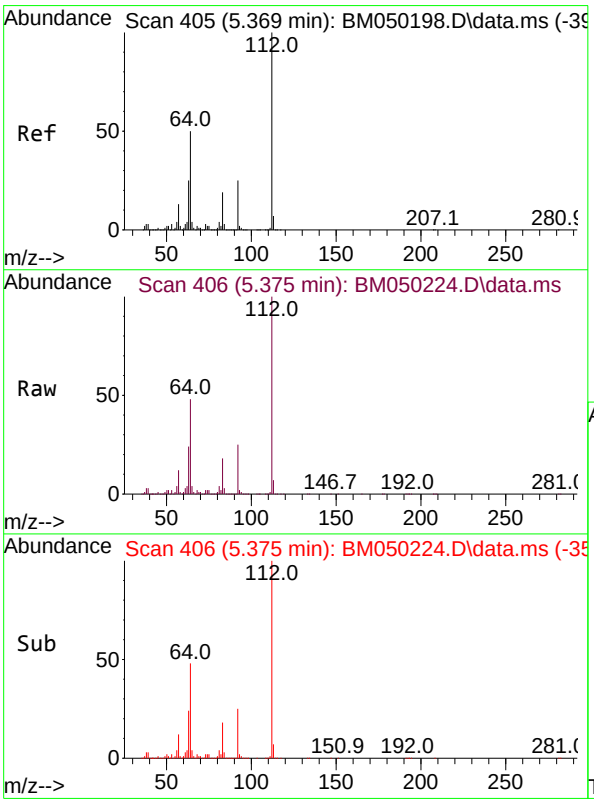
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion:152 Resp: 315983

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.2	183.4
115	60.2	46.3	69.5

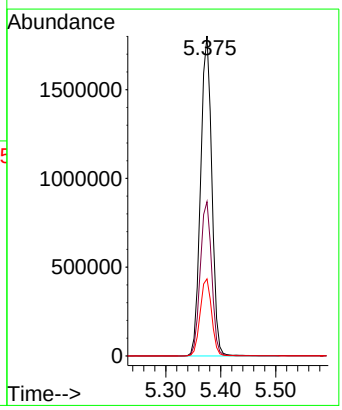


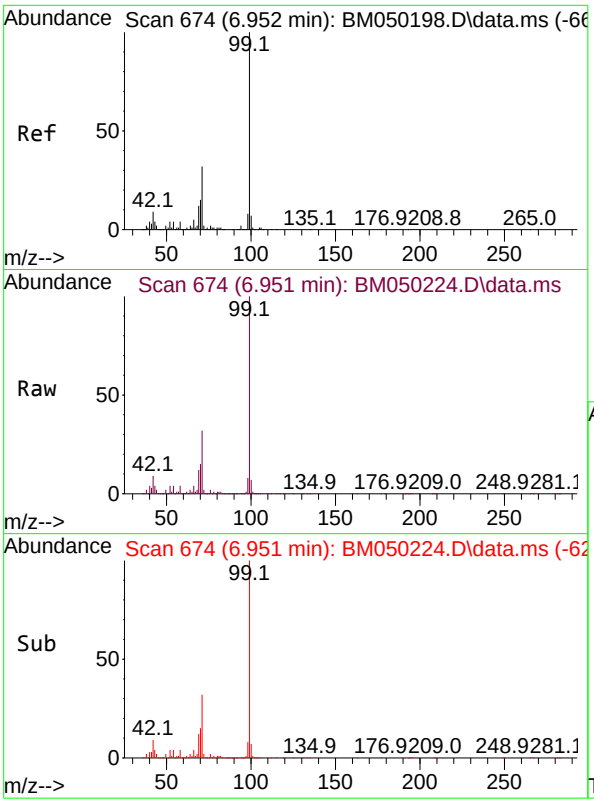


#5
2-Fluorophenol
Concen: 134.675 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:112 Resp: 2551038

Ion	Ratio	Lower	Upper
112	100		
64	48.2	39.8	59.6
63	24.1	19.8	29.8



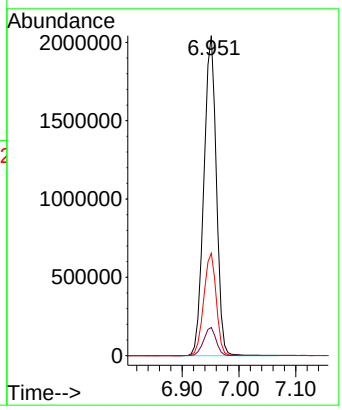


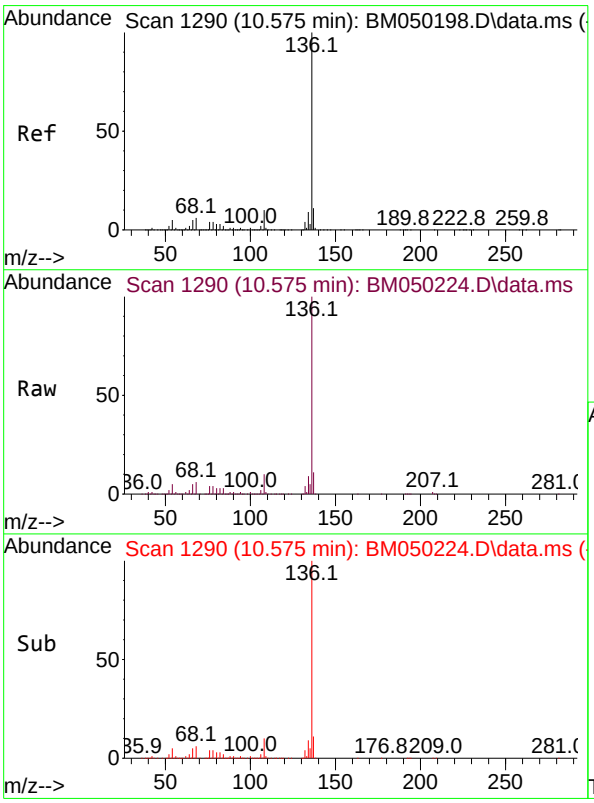
#7
Phenol-d6
Concen: 125.285 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion: 99 Resp: 3124058

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	32.0	25.3	37.9

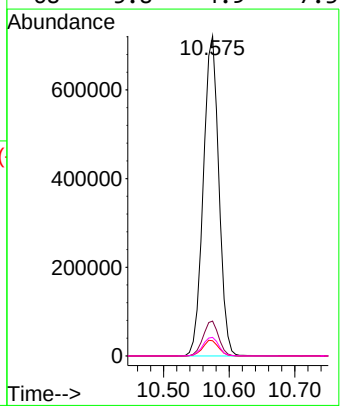


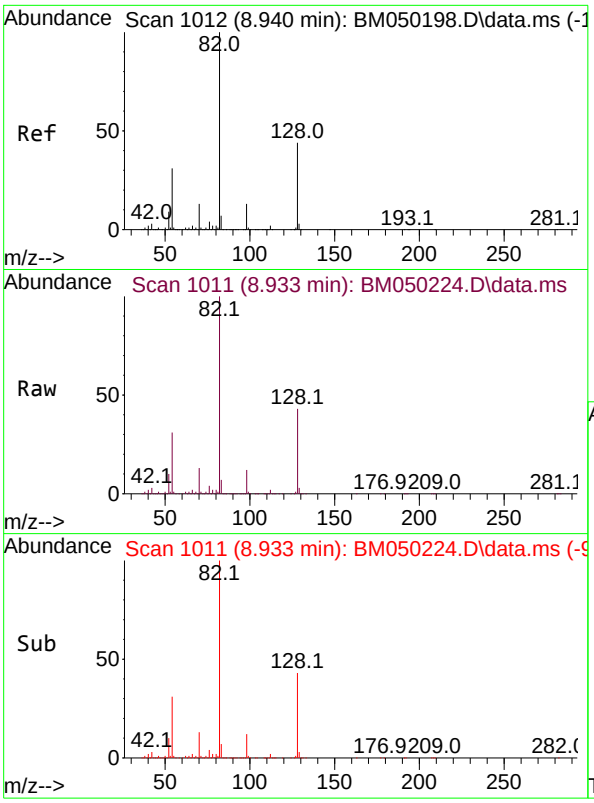


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:136 Resp: 1181137

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	4.7	3.8	5.8
68	5.8	4.9	7.3



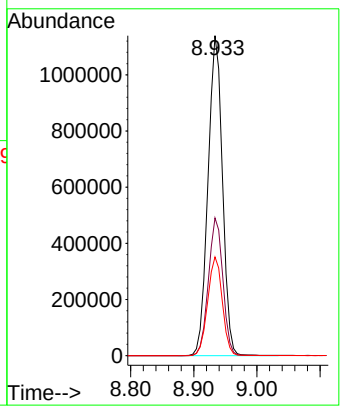


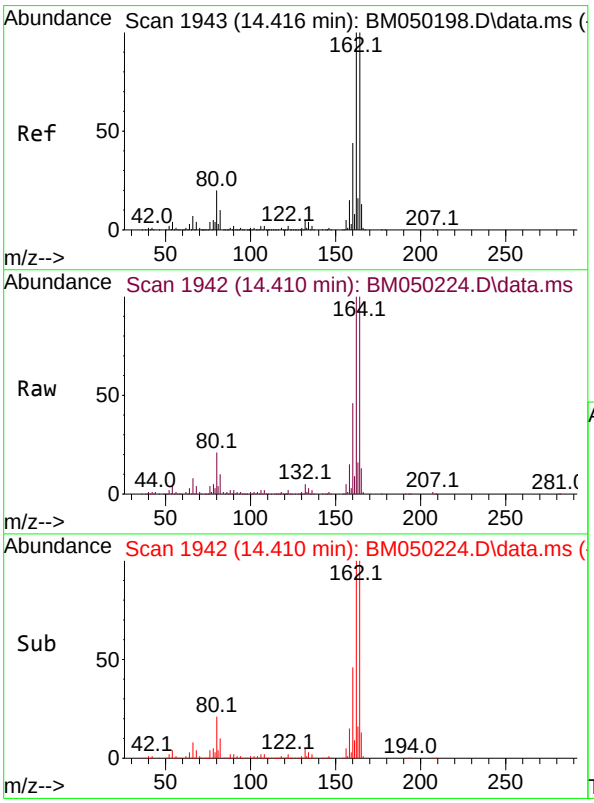
#23
Nitrobenzene-d5
Concen: 79.872 ng
RT: 8.933 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion: 82 Resp: 1813937

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.2	52.8
54	30.8	24.5	36.7

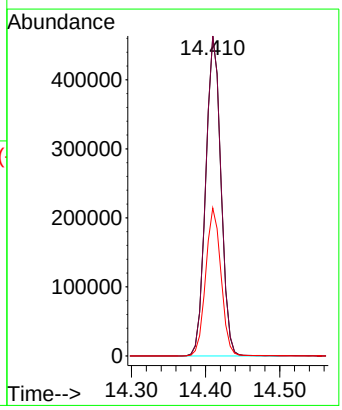


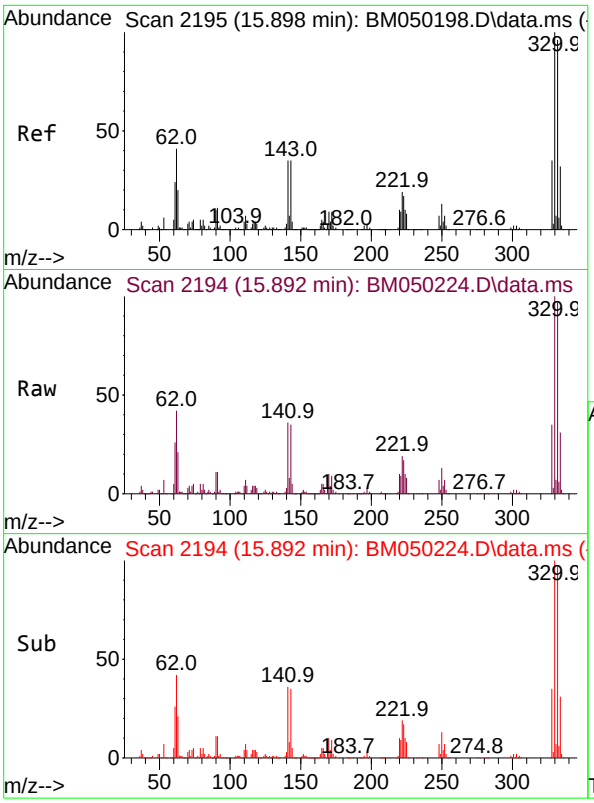


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:164 Resp: 658679

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.4
160	46.3	35.7	53.5



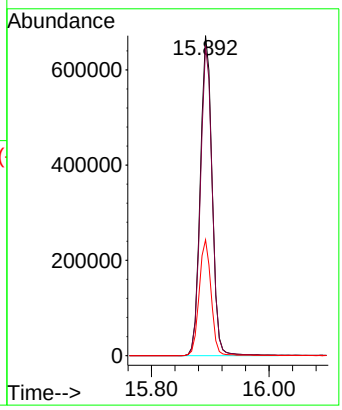


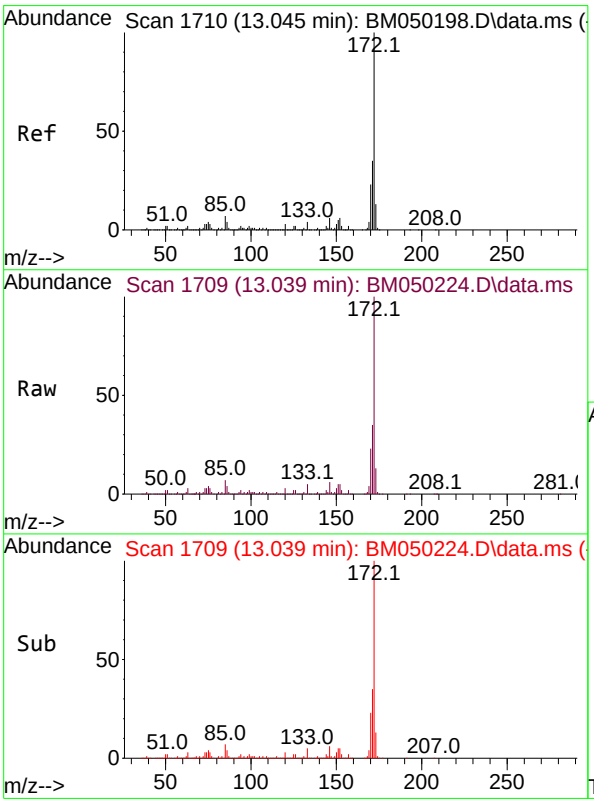
#42
2,4,6-Tribromophenol
Concen: 124.922 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion:330 Resp: 935918

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	36.4	28.8	43.2

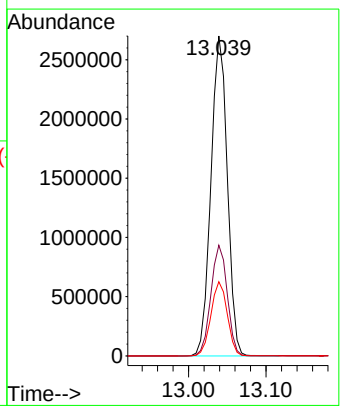


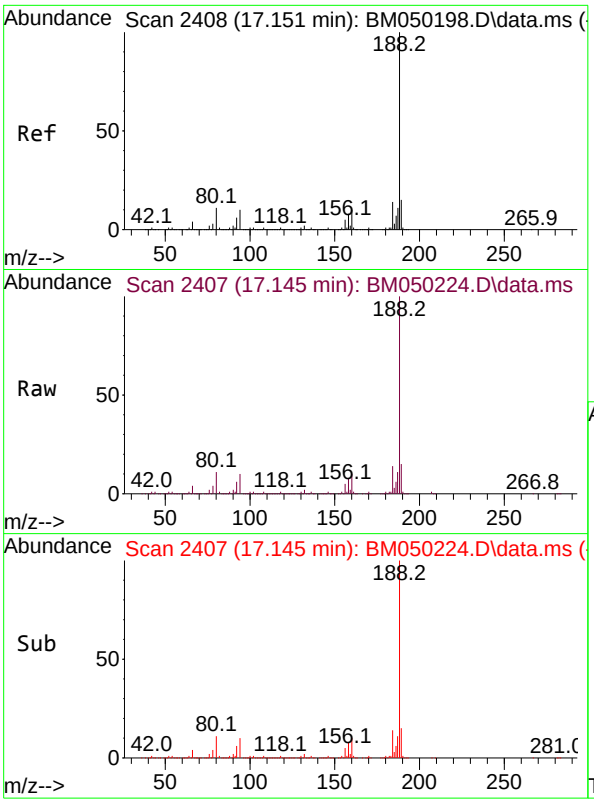


#45
2-Fluorobiphenyl
Concen: 81.387 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:172 Resp: 3959669

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	27.8



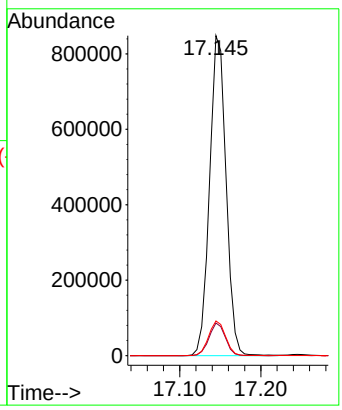


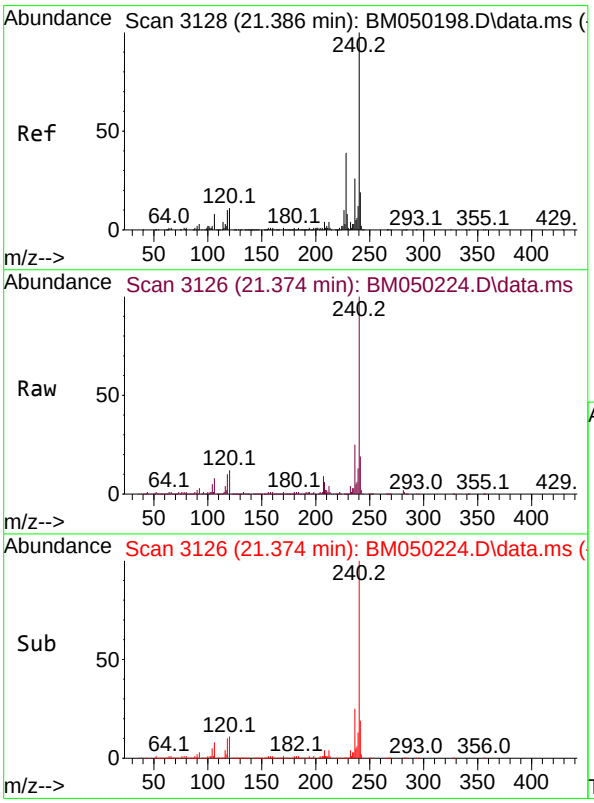
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion:188 Resp: 1198309

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	10.8	8.6	13.0

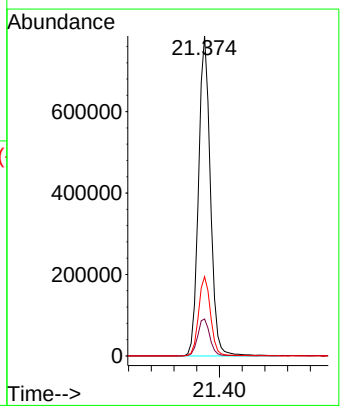


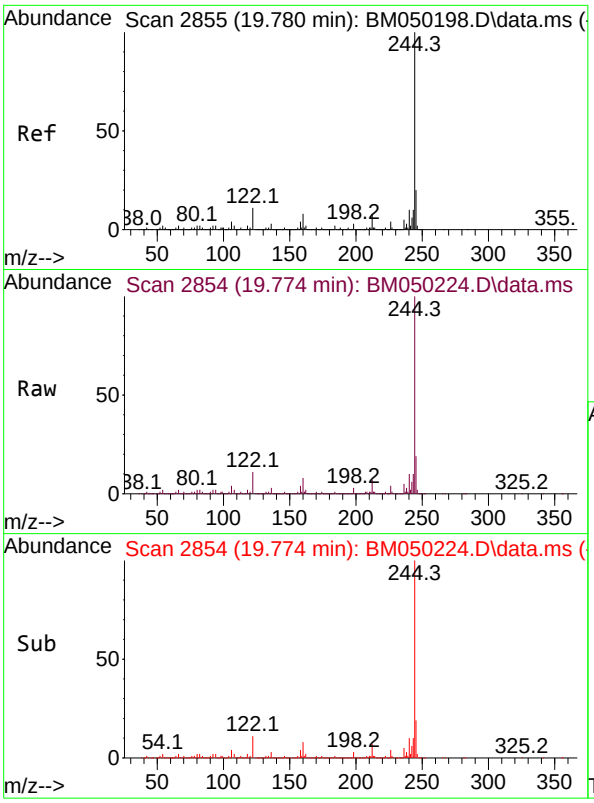


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:240 Resp: 1134031

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.4
236	24.8	20.7	31.1



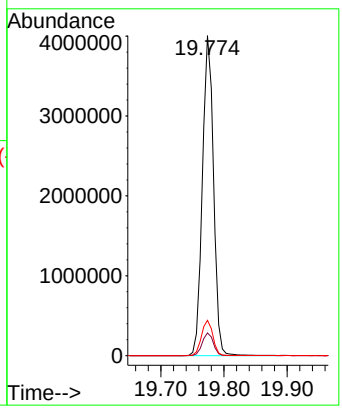


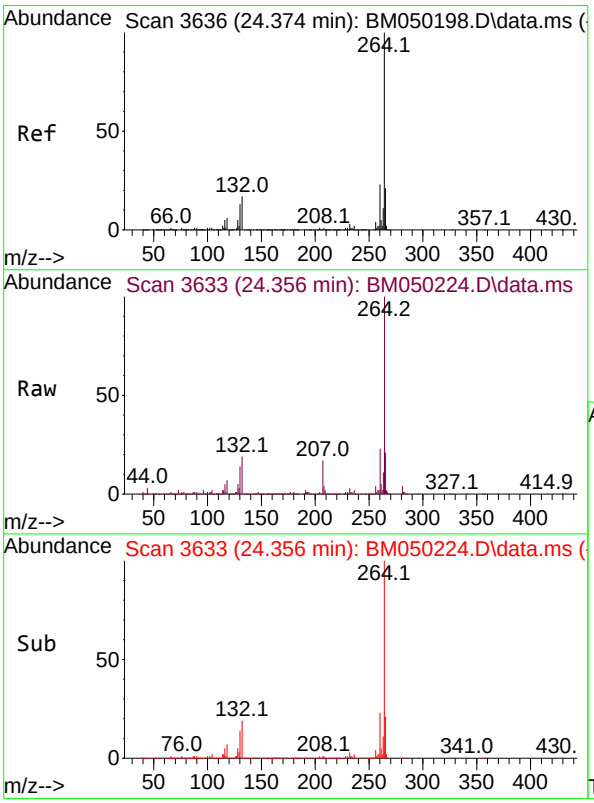
#79
Terphenyl-d14
Concen: 81.782 ng
RT: 19.774 min Scan# 28
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion:244 Resp: 4894065

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.0	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.356 min Scan# 3633
Delta R.T. -0.018 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:264 Resp: 1193795

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.4	16.8	25.2