Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050018.D
Acq On : 23 Apr 2025 17:53
Operator : RC/JU
Sample : Q1859-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Time: Apr 23 18:31:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	290826	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	982749	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	636055	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1255045	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1294101	20.000	ng	0.00
86) Perylene-d12	24.403	264	1384950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1344403	78.497	ng	0.00
7) Phenol-d6	6.951	99	1616168	75.845	ng	0.00
23) Nitrobenzene-d5	8.922	82	981126	55.593	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	764200	82.601	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2535072	54.045	ng	-0.02
79) Terphenyl-d14	19.780	244	4224893	61.183	ng	-0.01

Target Compounds	Qvalue

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

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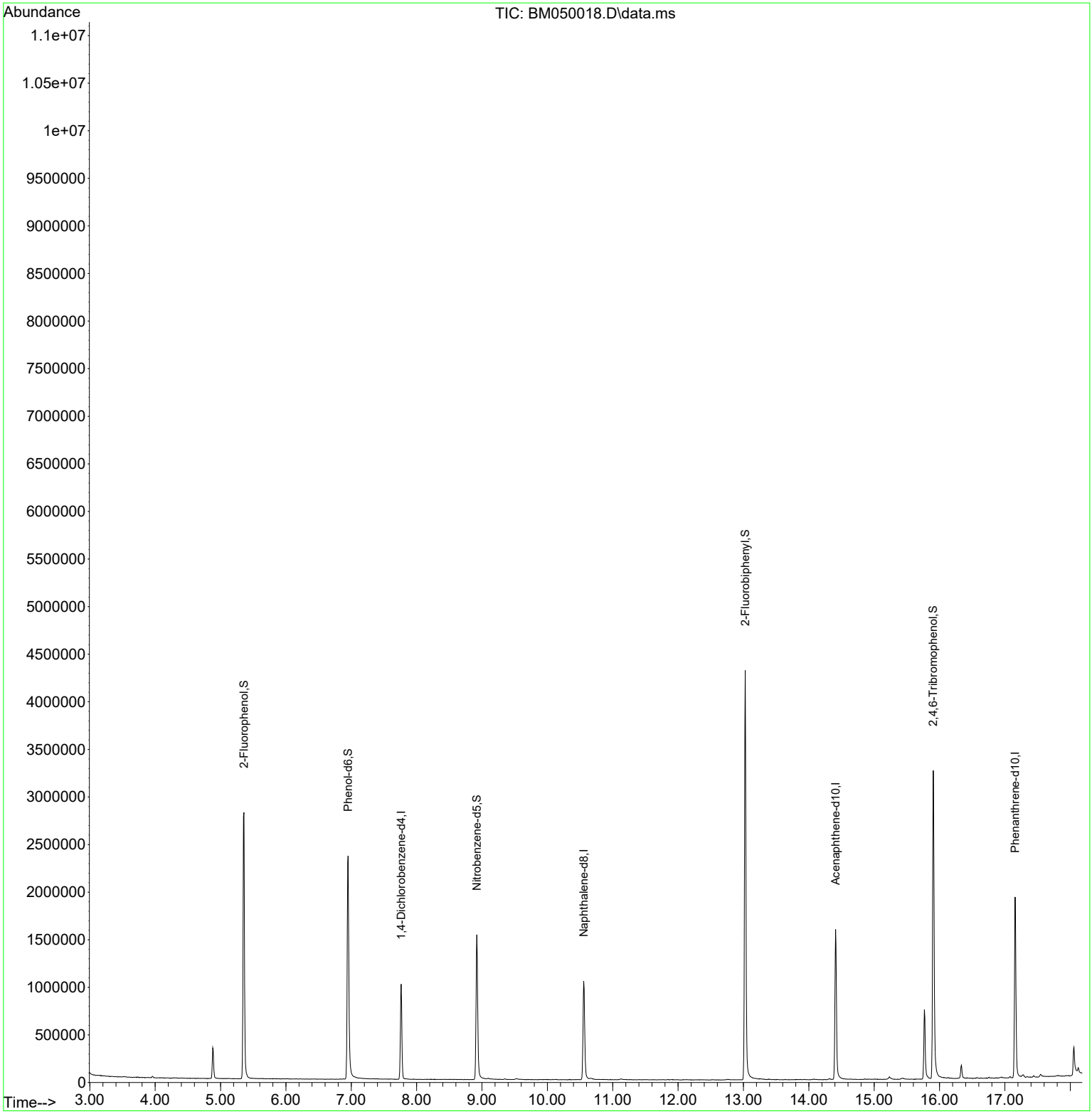

Quantitation Report (LSC Reviewed)

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Data File : BM050018.D
Acq On : 23 Apr 2025 17:53
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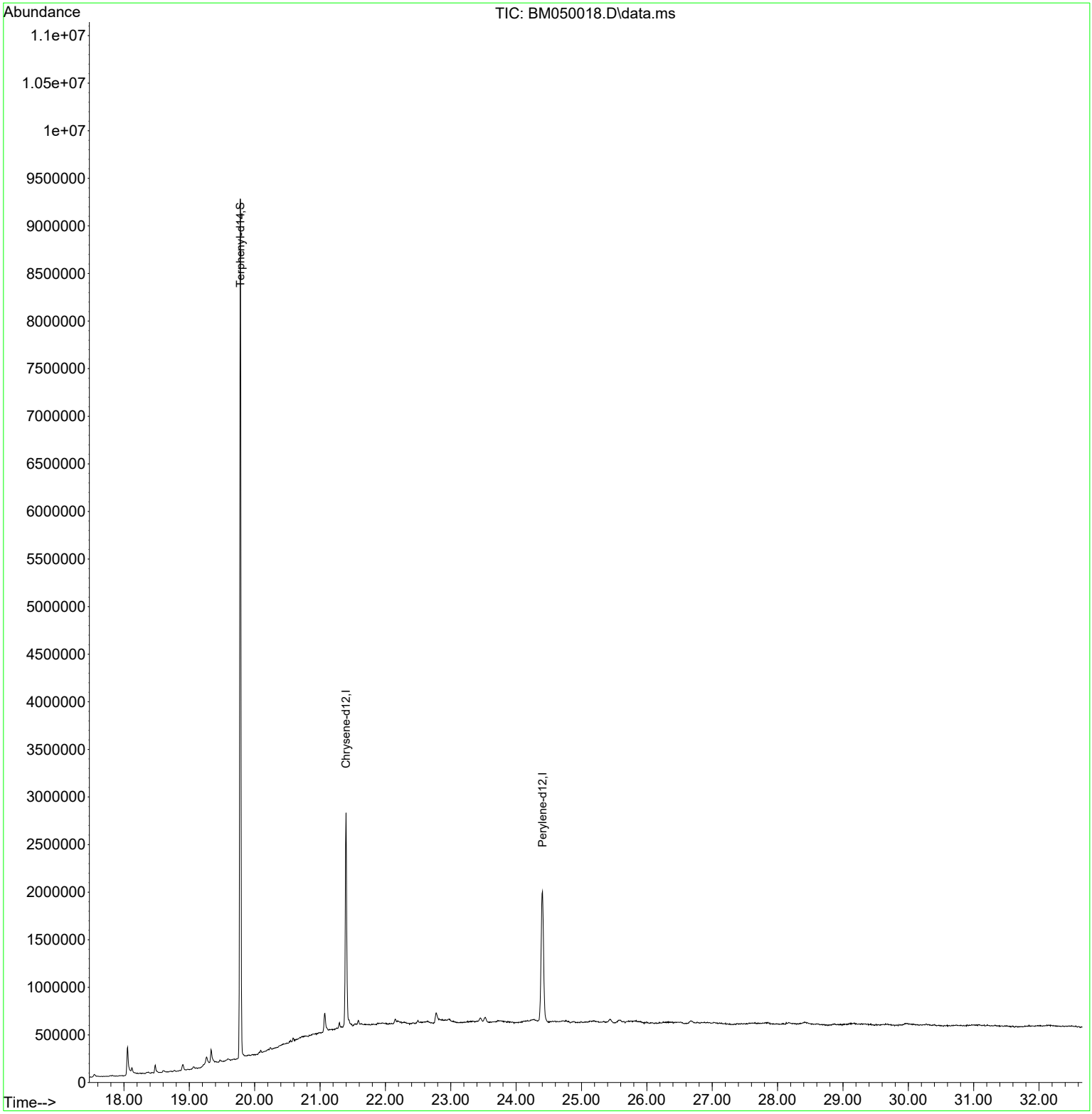
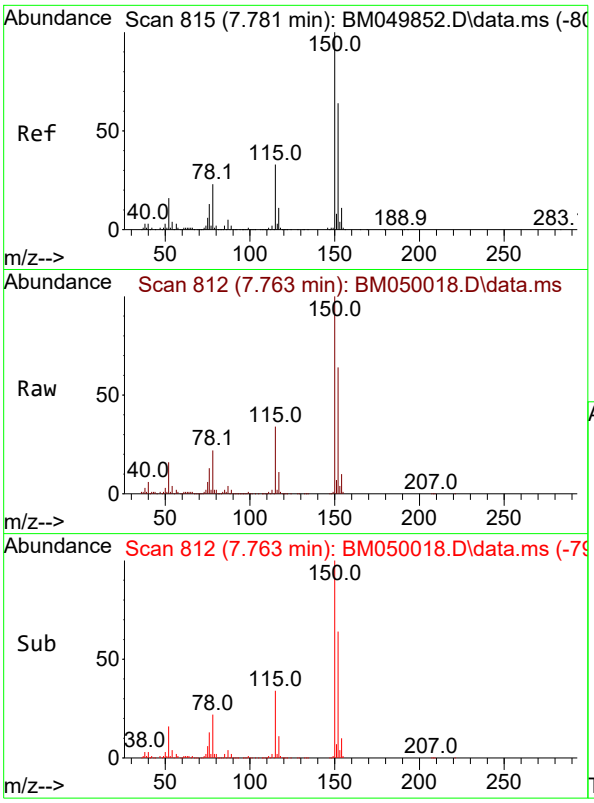


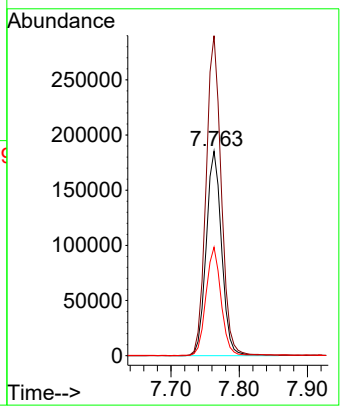


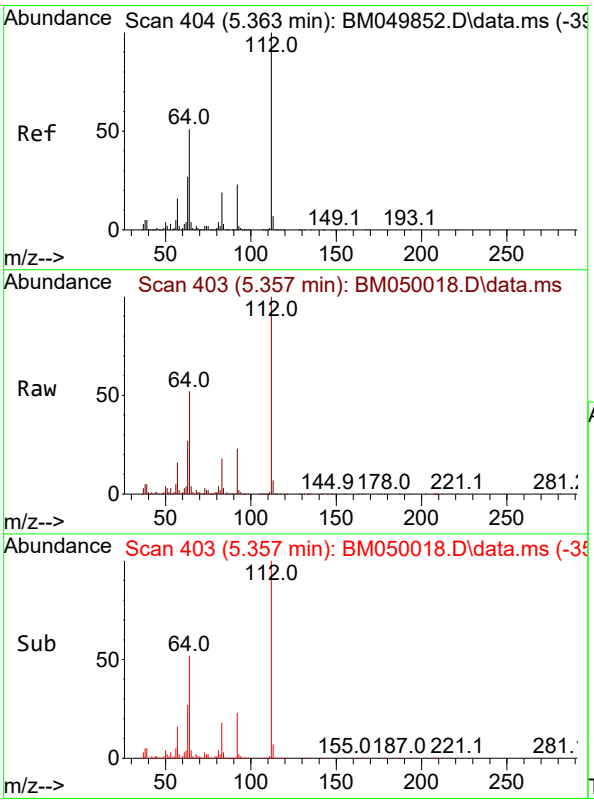
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 290826

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.3	186.5
115	53.0	41.1	61.7

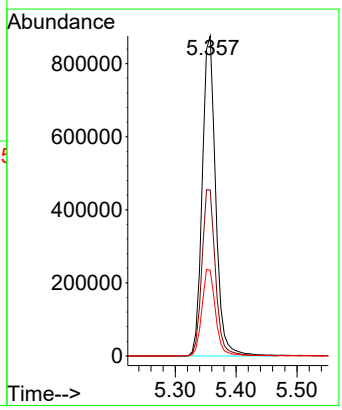


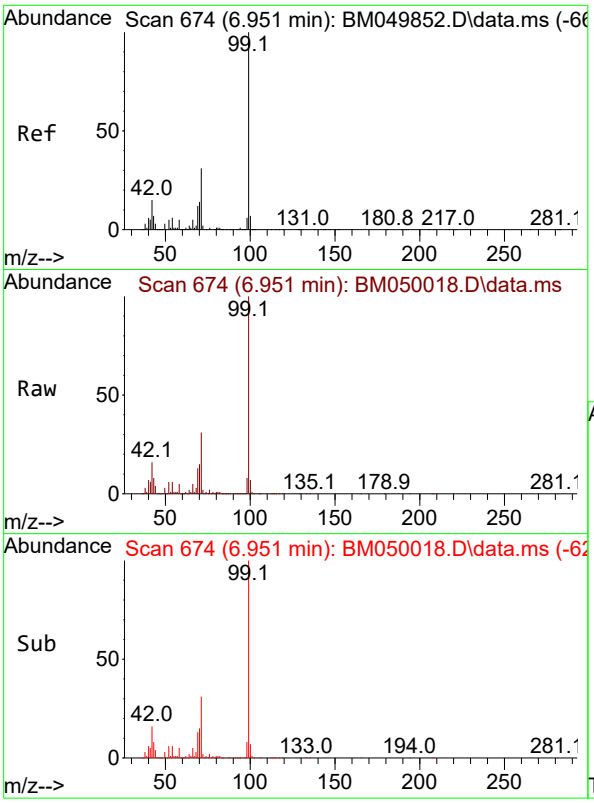


#5
2-Fluorophenol
Concen: 78.497 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Tgt Ion:112 Resp: 1344403

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.0	61.6
63	26.8	21.5	32.3



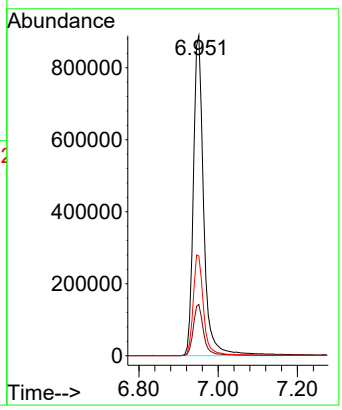


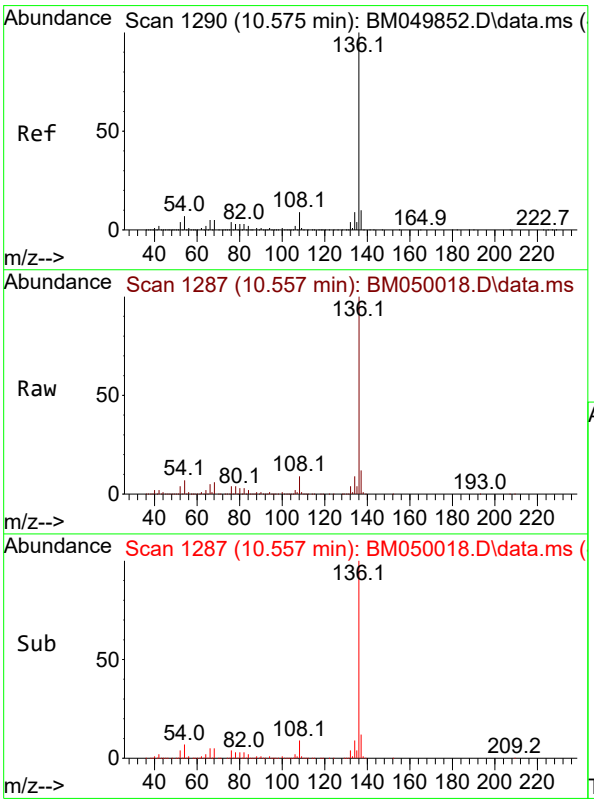
#7
Phenol-d6
Concen: 75.845 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 1616168

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.1	18.1
71	31.2	24.9	37.3

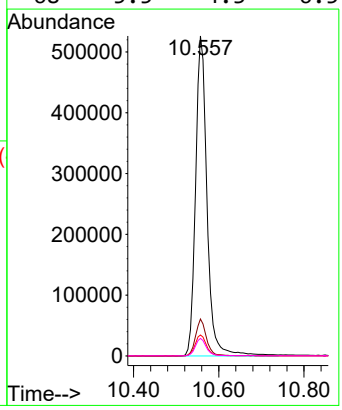


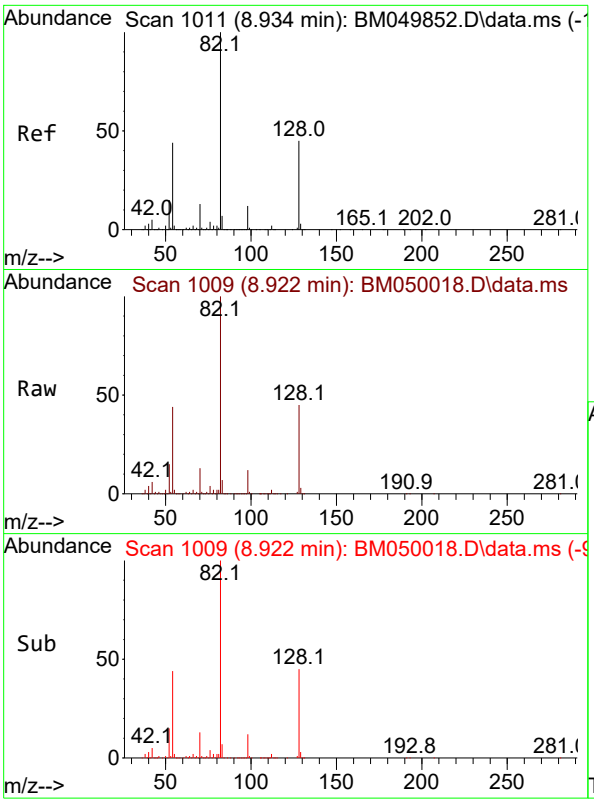


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Tgt Ion:136 Resp: 982749

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	6.6	5.3	7.9
68	5.5	4.3	6.5



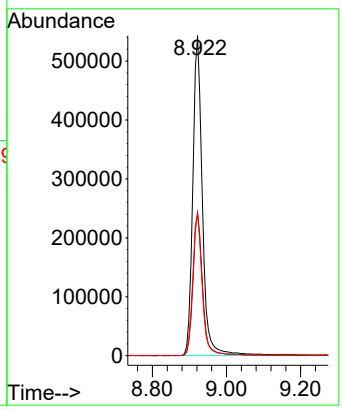


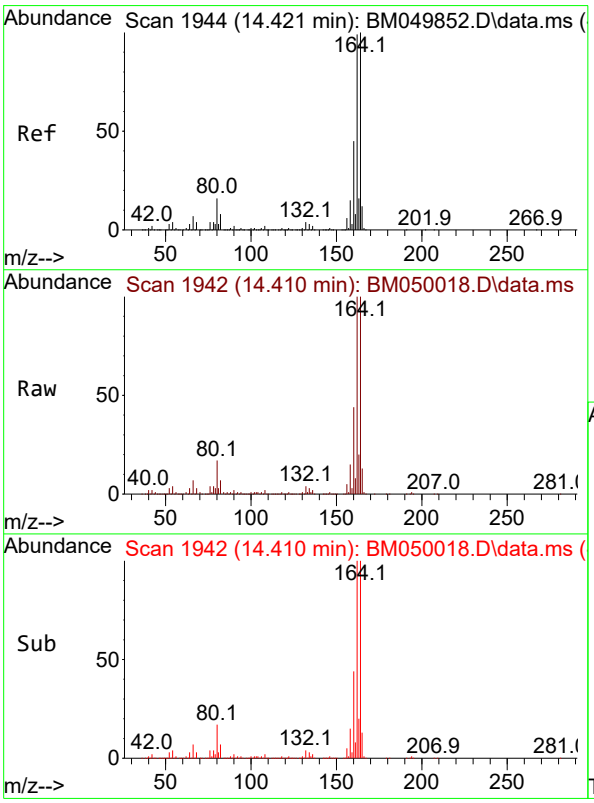
#23
Nitrobenzene-d5
Concen: 55.593 ng
RT: 8.922 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion: 82 Resp: 981126

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.2	54.2
54	44.3	35.0	52.6

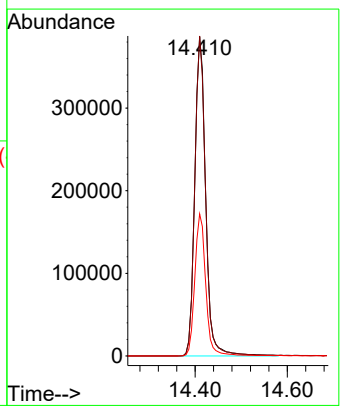


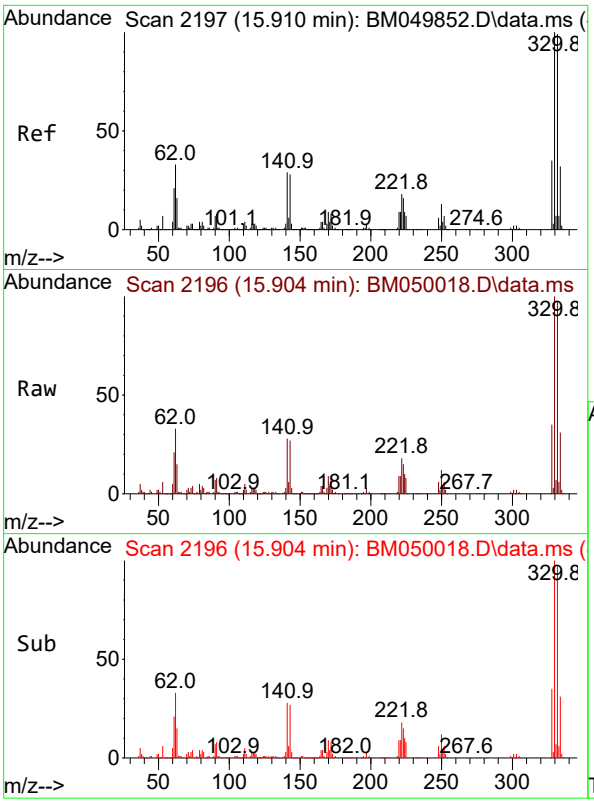


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Tgt Ion:164 Resp: 636055

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.4	119.0
160	44.5	36.2	54.2



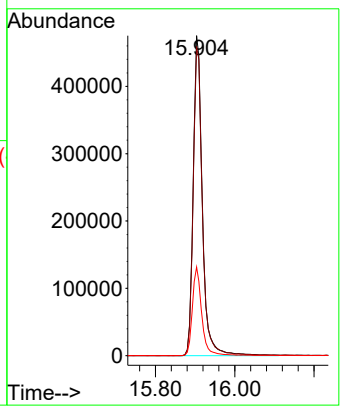


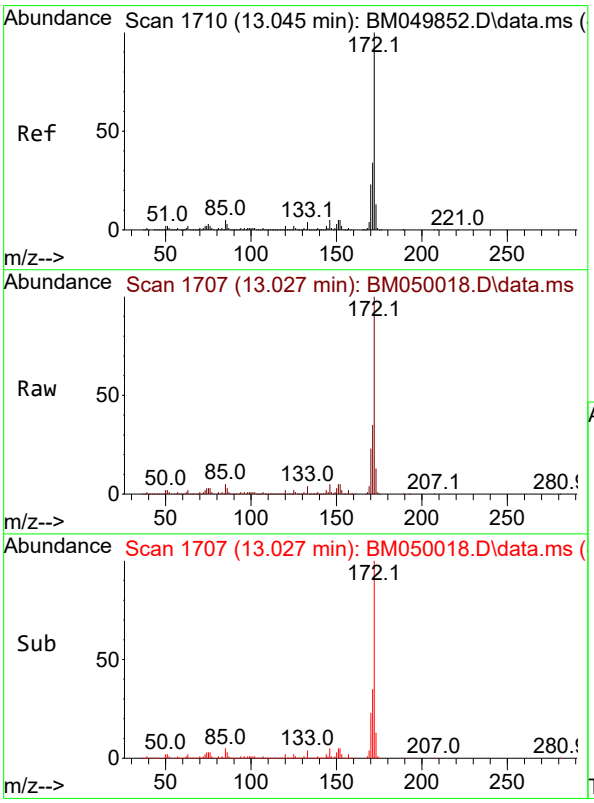
#42
2,4,6-Tribromophenol
Concen: 82.601 ng
RT: 15.904 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion:330 Resp: 764200

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	28.5	23.5	35.3

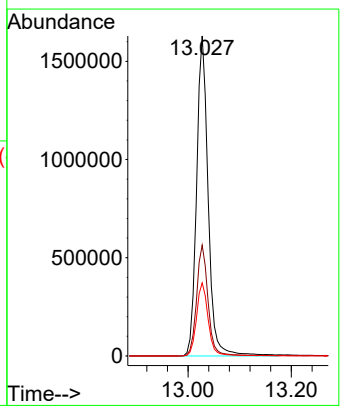


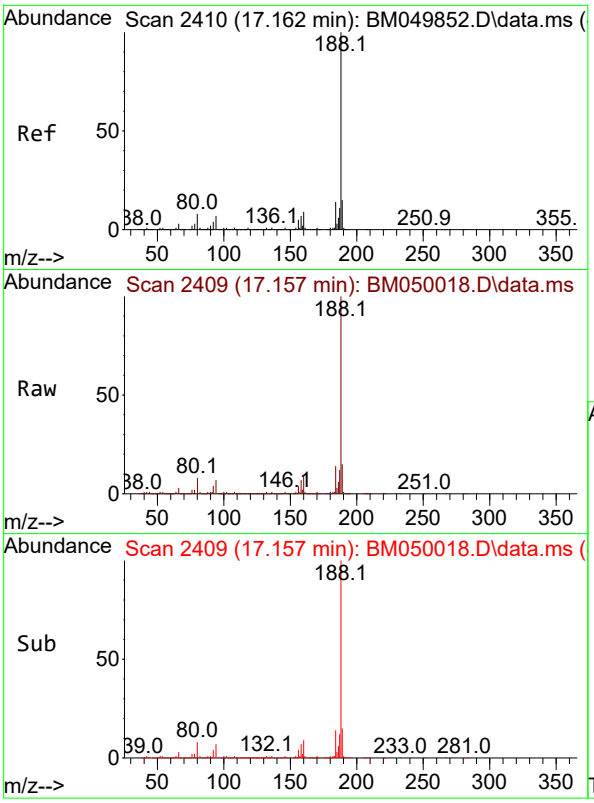


#45
2-Fluorobiphenyl
Concen: 54.045 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.018 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Tgt Ion:172 Resp: 2535072

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.2
170	22.9	18.6	28.0



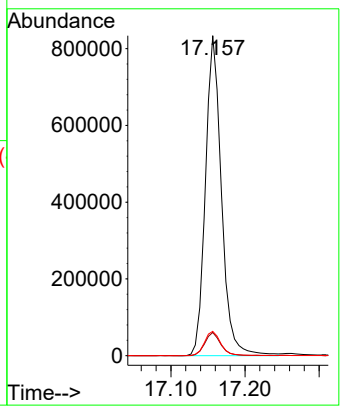


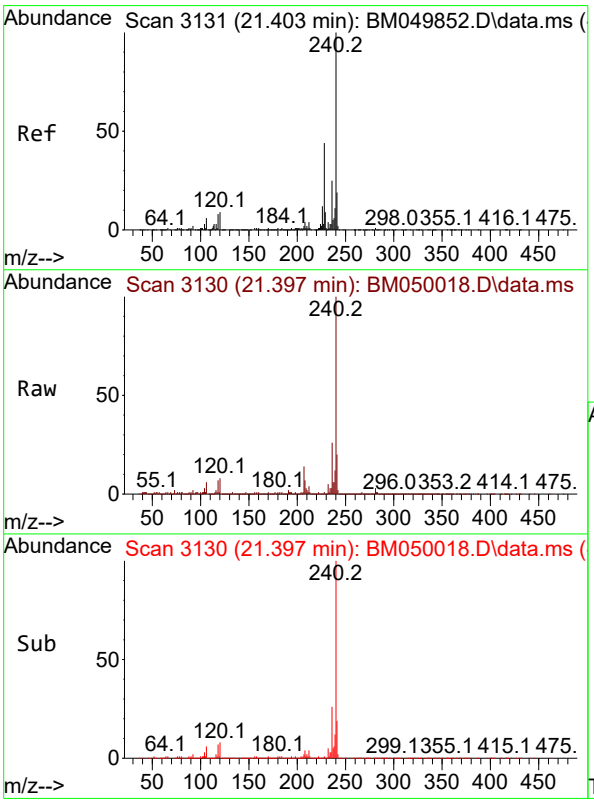
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion:188 Resp: 1255045

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.6
80	7.6	6.4	9.6

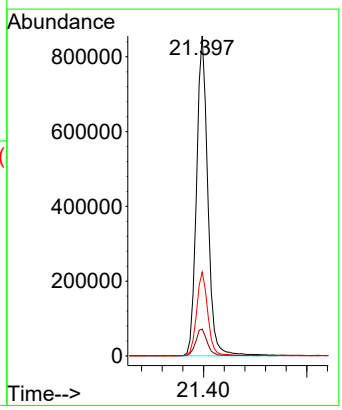


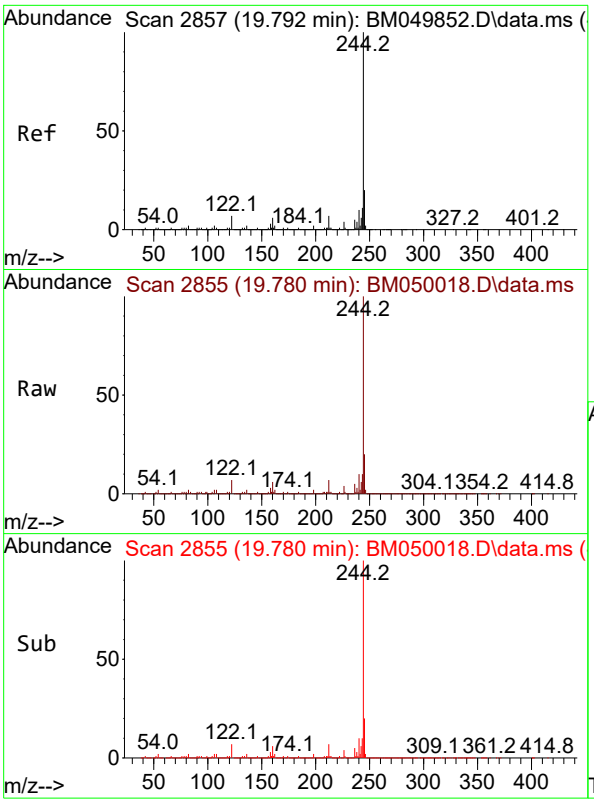


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Tgt Ion:240 Resp: 1294101

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	26.2	20.4	30.6



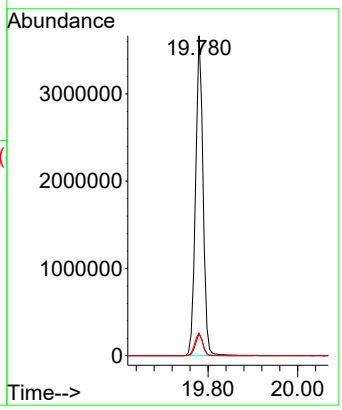


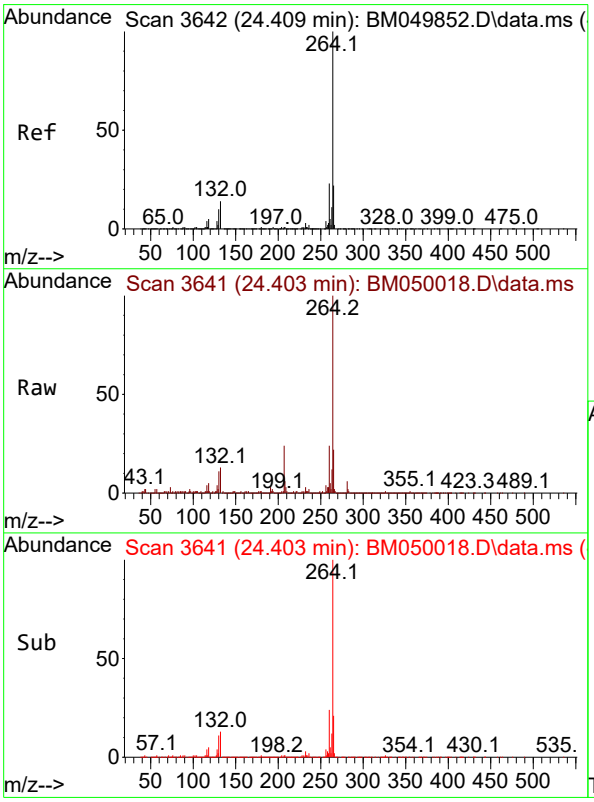
#79
Terphenyl-d14
Concen: 61.183 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion:244 Resp: 4224893

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	7.1	5.4	8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.006 min
Lab File: BM050018.D
Acq: 23 Apr 2025 17:53

Tgt Ion:264 Resp: 1384950

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.9	17.8	26.8