Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
Data File : BM049775.D
Acq On : 01 Apr 2025 15:30
Operator : RC/JU
Sample : Q1674-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
72-11991

Quant Time: Apr 01 16:08:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	354702	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1251017	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	838370	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1642322	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	1177242	20.000	ng	-0.02
86) Perylene-d12	24.409	264	881802	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3545960	168.682	ng	0.00
7) Phenol-d6	6.969	99	4412838	167.274	ng	-0.01
23) Nitrobenzene-d5	8.951	82	2695910	110.640	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	2130507	217.629	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	7179338	107.247	ng	-0.01
79) Terphenyl-d14	19.798	244	10360490	148.302	ng	-0.01
Target Compounds						Qvalue

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

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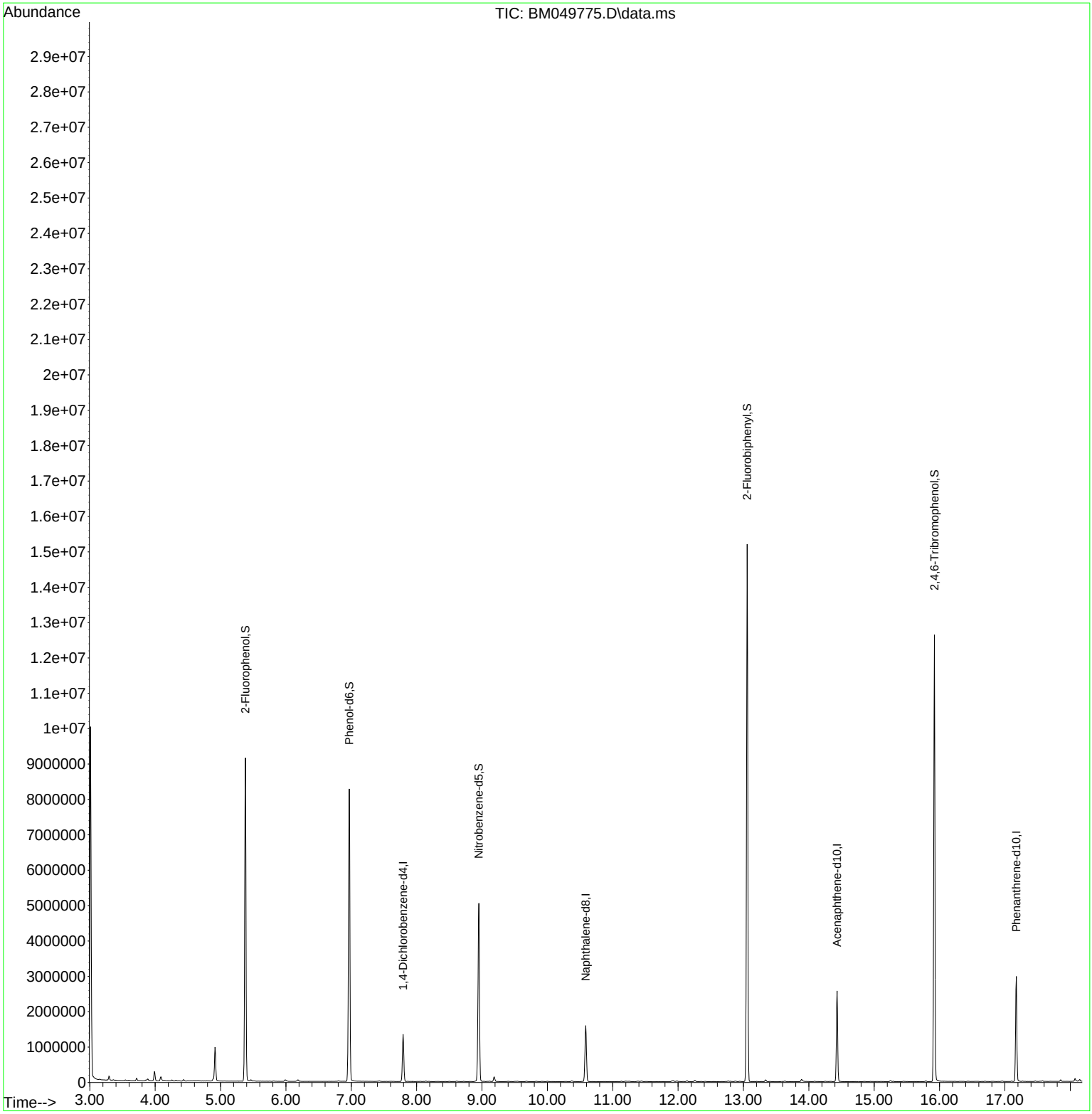

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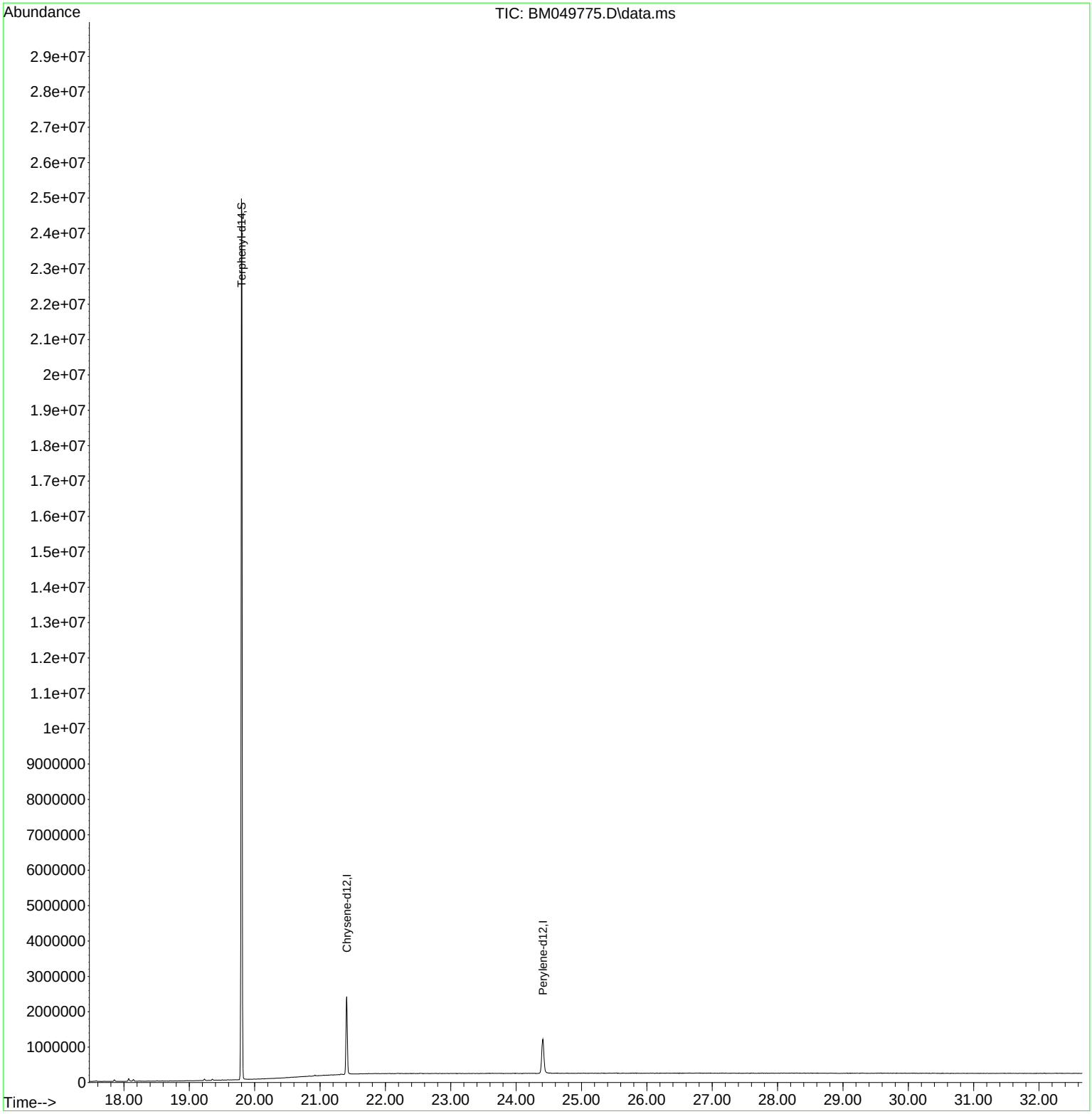
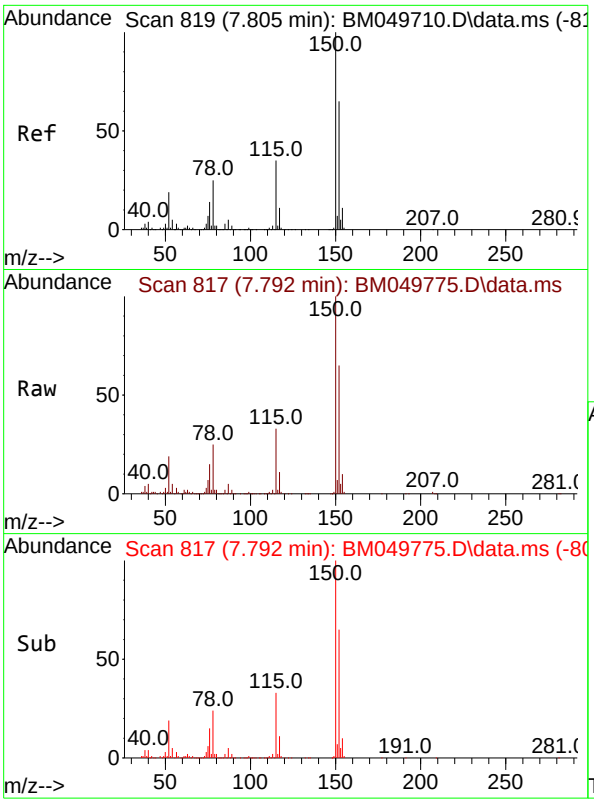


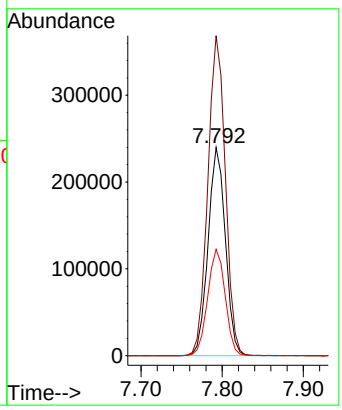


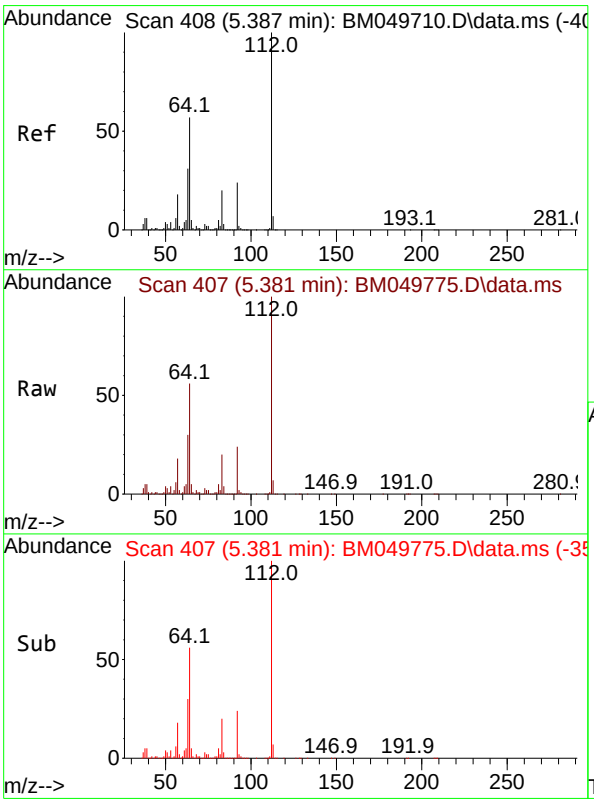
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 81
Delta R.T. -0.013 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Instrument :
BNA_M
ClientSampleId :
72-11991

Tgt Ion:152 Resp: 354702

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.8	185.8
115	51.1	43.0	64.6

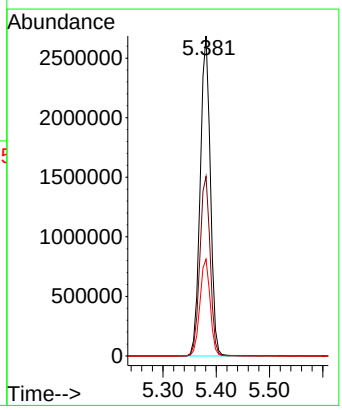


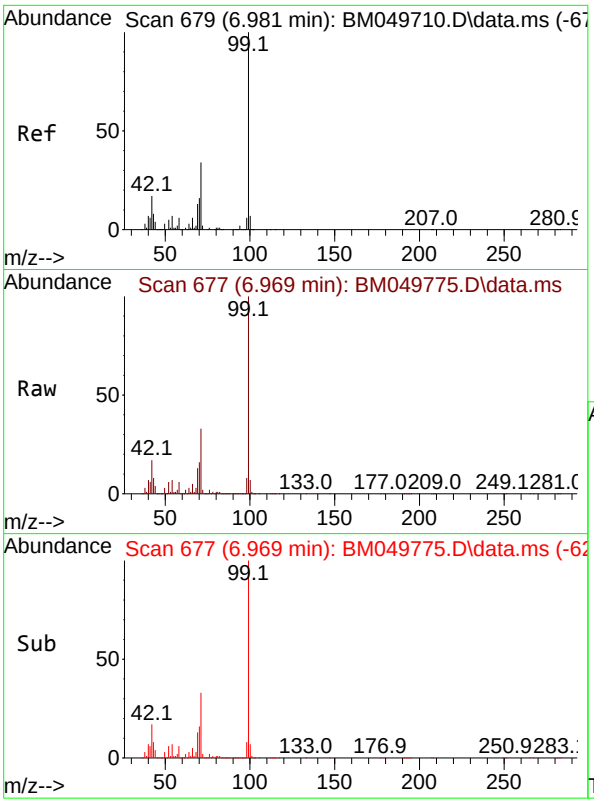


#5
2-Fluorophenol
Concen: 168.682 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Tgt Ion:112 Resp: 3545960

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.3	67.9
63	30.2	24.4	36.6



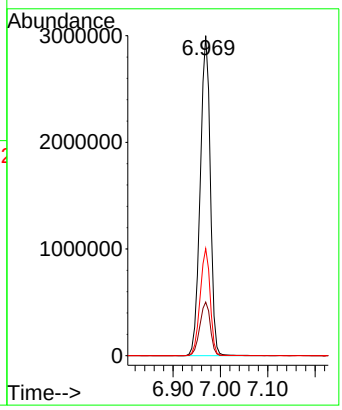


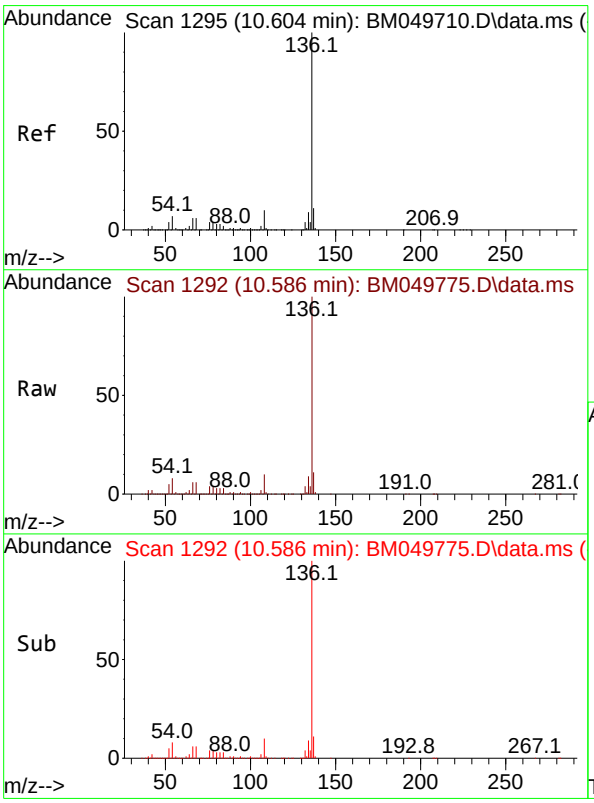
#7
Phenol-d6
Concen: 167.274 ng
RT: 6.969 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Instrument :
BNA_M
ClientSampleId :
72-11991

Tgt Ion: 99 Resp: 4412838

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	33.5	27.0	40.6

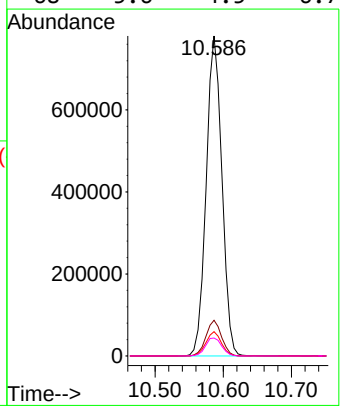


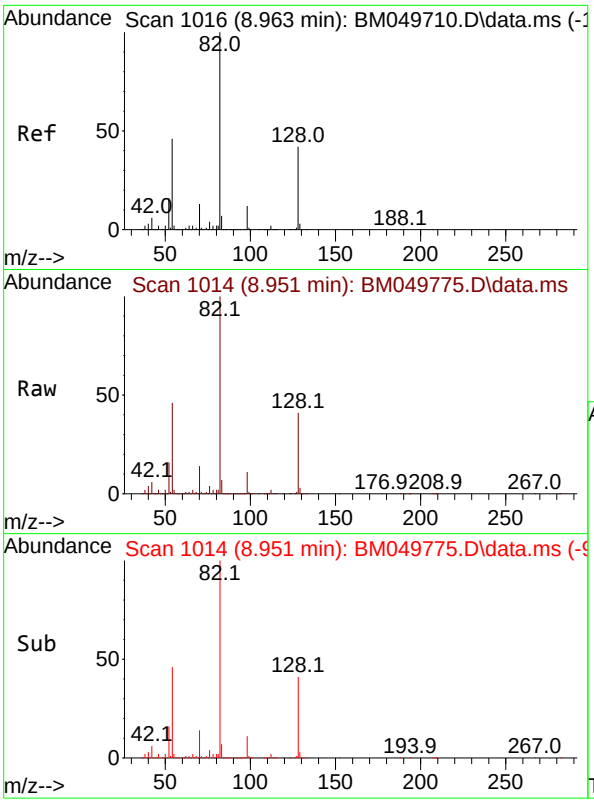


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Tgt Ion:136 Resp: 1251017

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	7.6	5.8	8.8
68	5.6	4.5	6.7



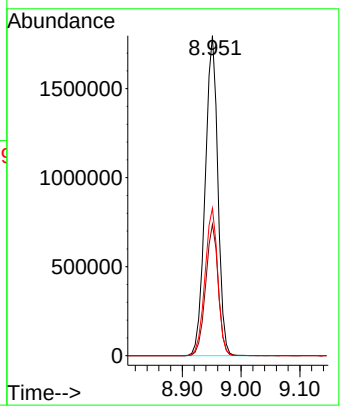


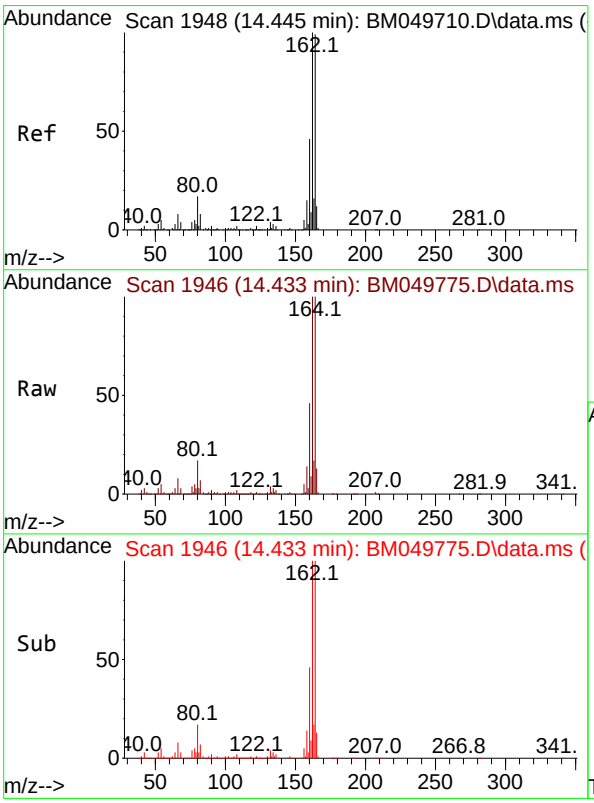
#23
Nitrobenzene-d5
Concen: 110.640 ng
RT: 8.951 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Instrument :
BNA_M
ClientSampleId :
72-11991

Tgt Ion: 82 Resp: 2695910

Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.4	50.0
54	46.1	36.4	54.6

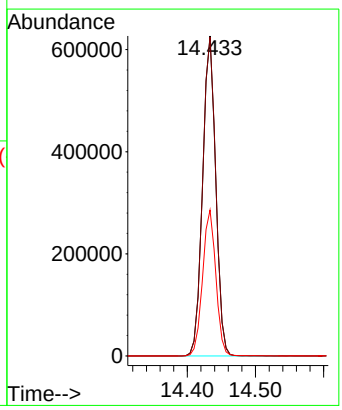


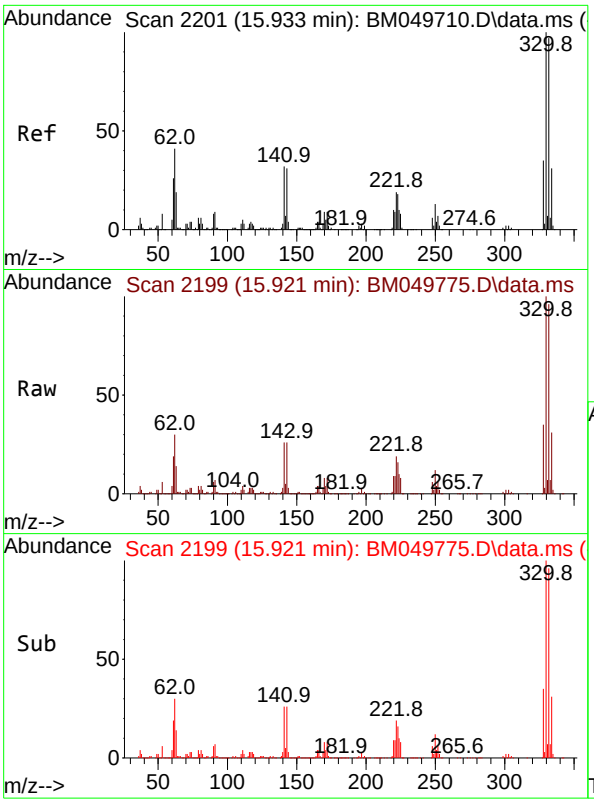


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Tgt Ion:164 Resp: 838370

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.5	120.7
160	45.6	36.9	55.3



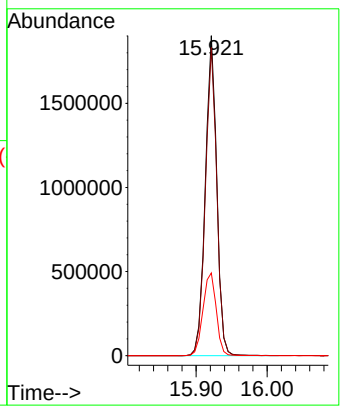


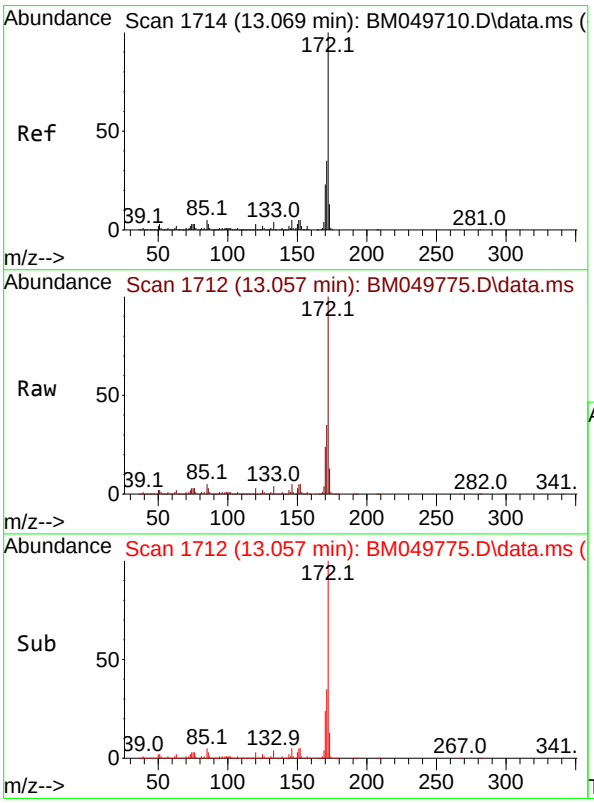
#42
2,4,6-Tribromophenol
Concen: 217.629 ng
RT: 15.921 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Instrument :
BNA_M
ClientSampleId :
72-11991

Tgt Ion:330 Resp: 2130507

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	30.0	27.8	41.6

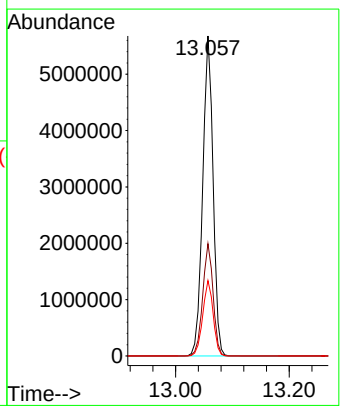


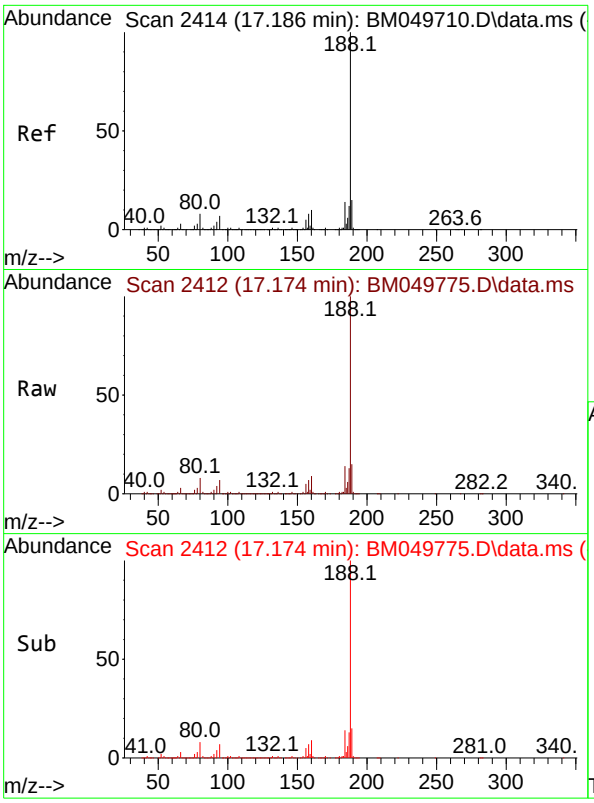


#45
2-Fluorobiphenyl
Concen: 107.247 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Tgt Ion:172 Resp: 7179338

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.5	18.6	28.0



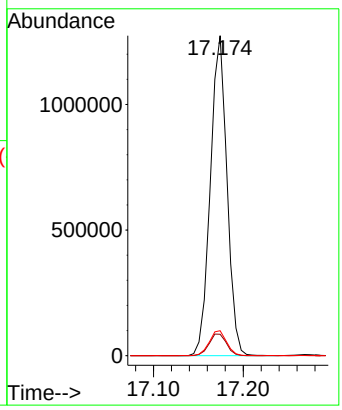


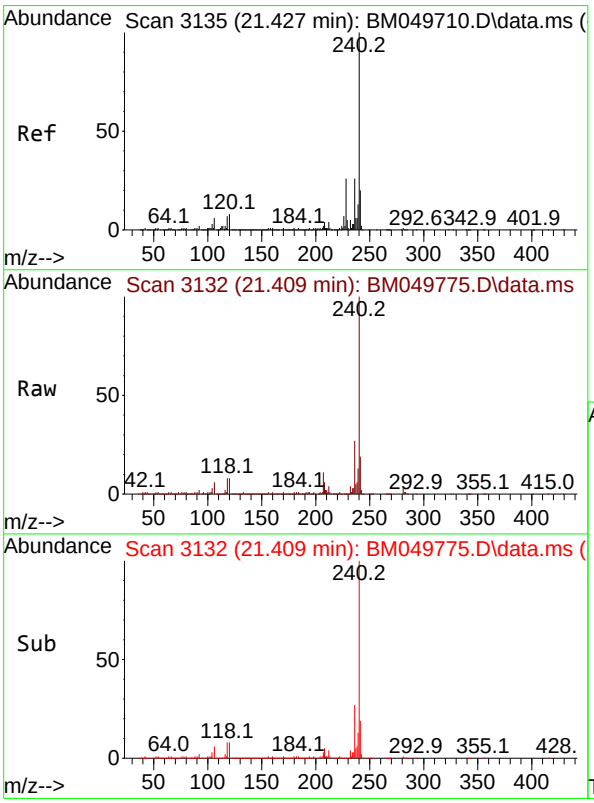
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Instrument :
BNA_M
ClientSampleId :
72-11991

Tgt Ion:188 Resp: 1642322

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.6
80	7.8	6.3	9.5

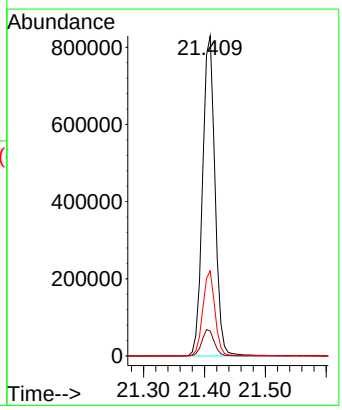


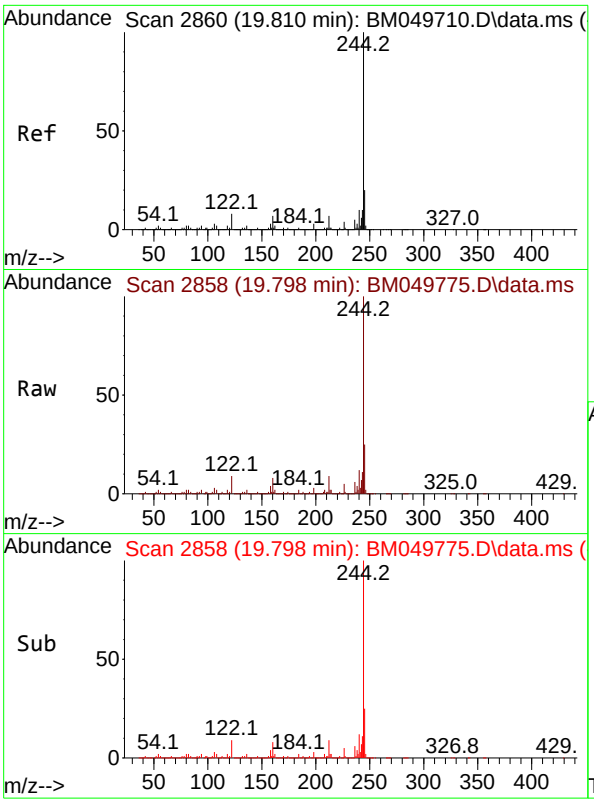


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Tgt Ion:240 Resp: 1177242

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.5	9.7
236	26.6	20.7	31.1



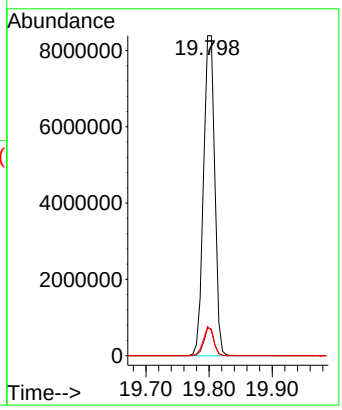


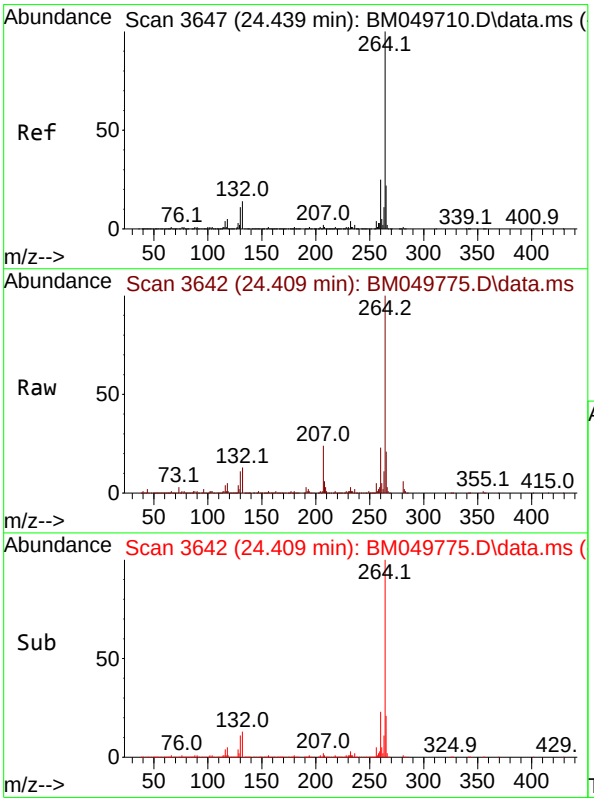
#79
Terphenyl-d14
Concen: 148.302 ng
RT: 19.798 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Instrument :
BNA_M
ClientSampleId :
72-11991

Tgt Ion:244 Resp:10360490

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.6#
122	9.1	6.0	9.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3642
Delta R.T. -0.030 min
Lab File: BM049775.D
Acq: 01 Apr 2025 15:30

Tgt Ion:264 Resp: 881802

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.5	18.2	27.2