Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049953.D
Acq On : 16 Apr 2025 15:26
Operator : RC/JU
Sample : Q1810-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

Quant Time: Apr 16 16:25:16 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	7.769	152	481610	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1680773	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	1065529	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	2013577	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1687155	20.000	ng	0.00
86) Perylene-d12	24.403	264	1779017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1675566	59.078	ng	0.00
7) Phenol-d6	6.946	99	1761482	49.918	ng	0.00
23) Nitrobenzene-d5	8.928	82	2194526	72.706	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	2048173	132.153	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5961875	75.872	ng	-0.01
79) Terphenyl-d14	19.786	244	8687043	96.494	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.010	79	93342	4.201	ng	98

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

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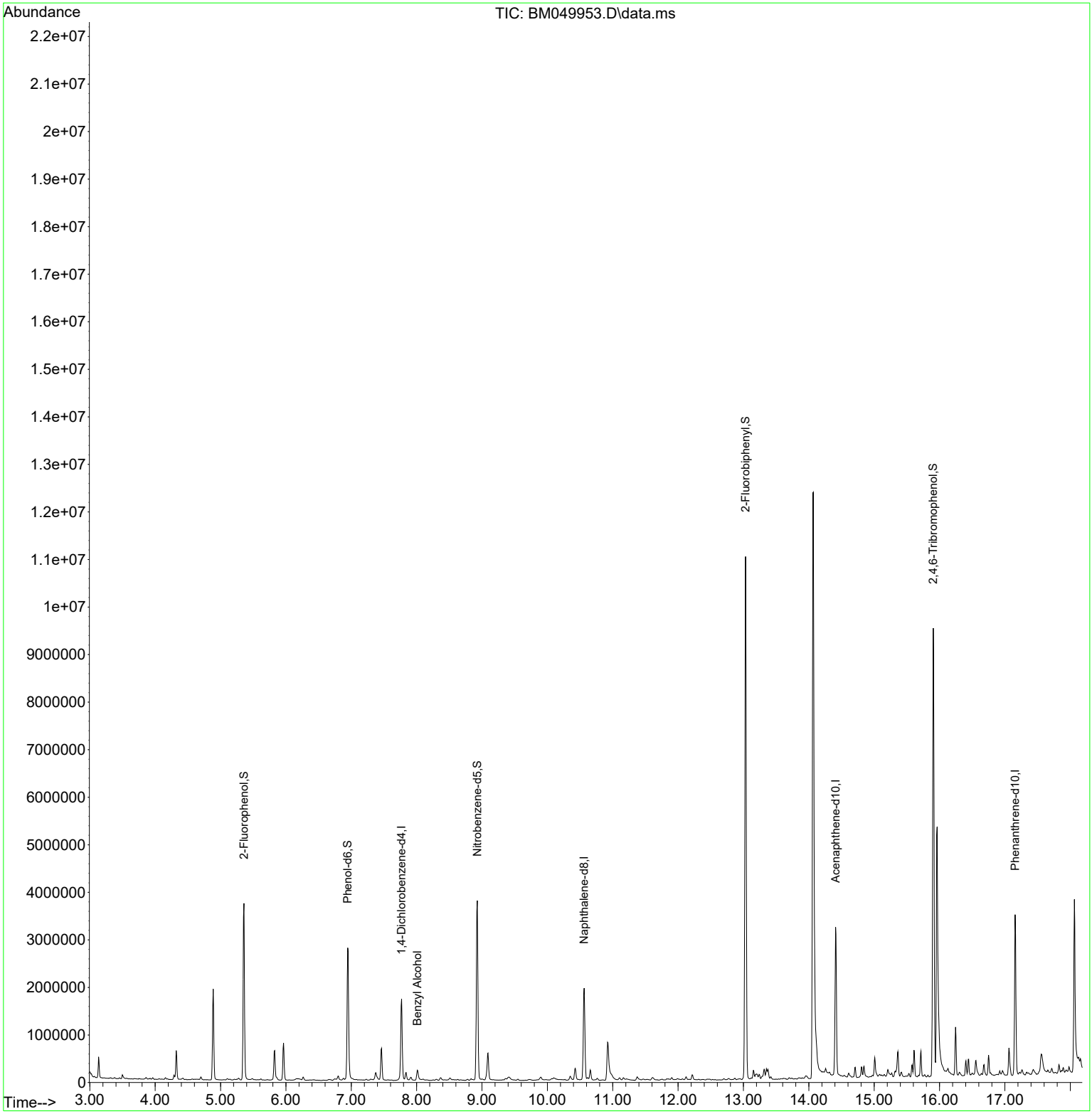

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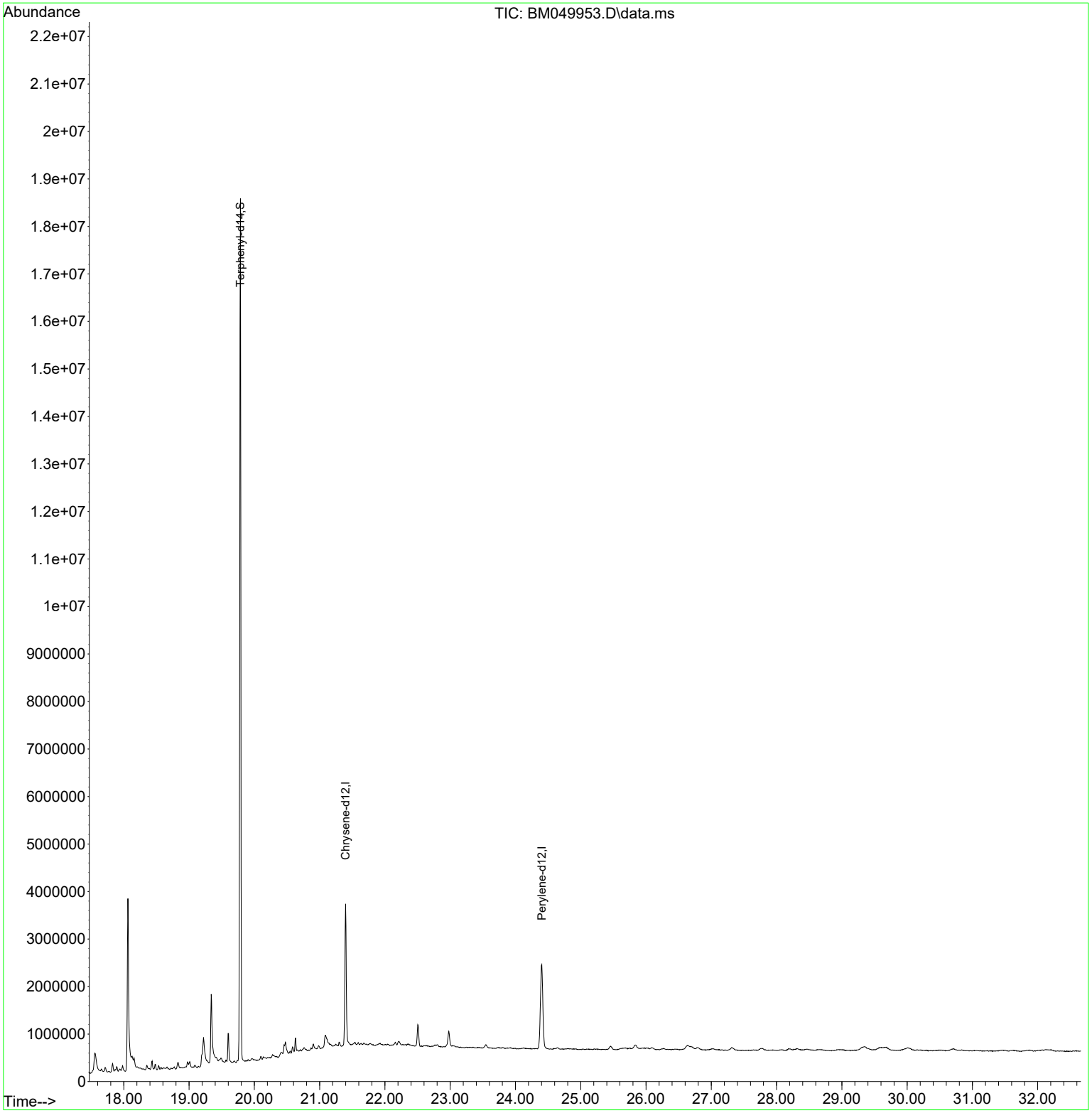
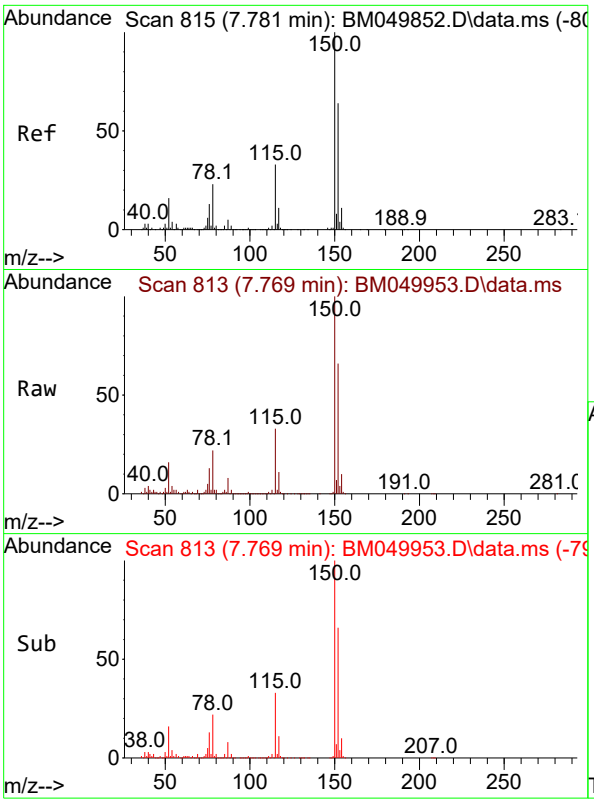


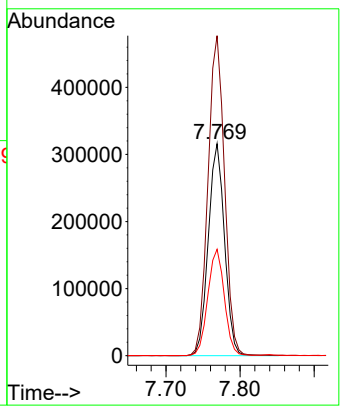


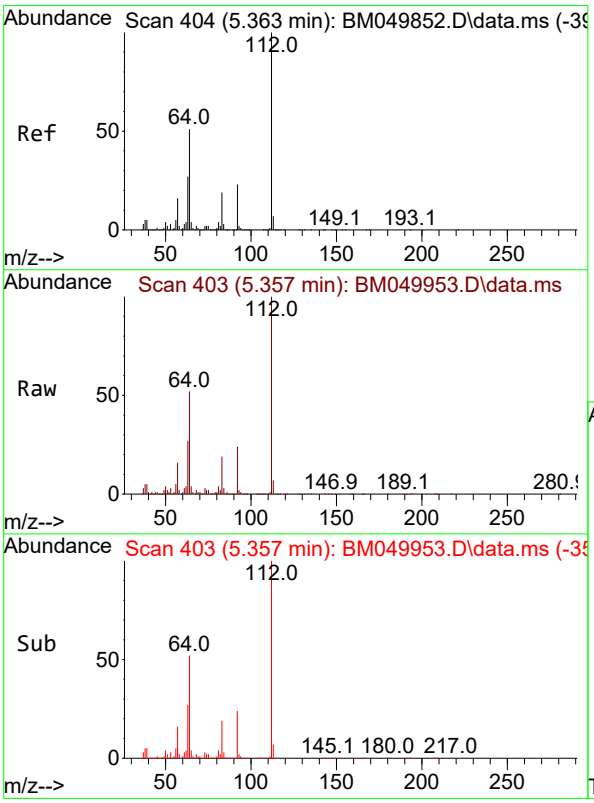
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

Tgt Ion:152 Resp: 481610

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.3	186.5
115	50.2	41.1	61.7

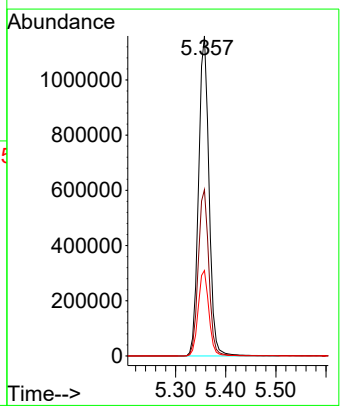


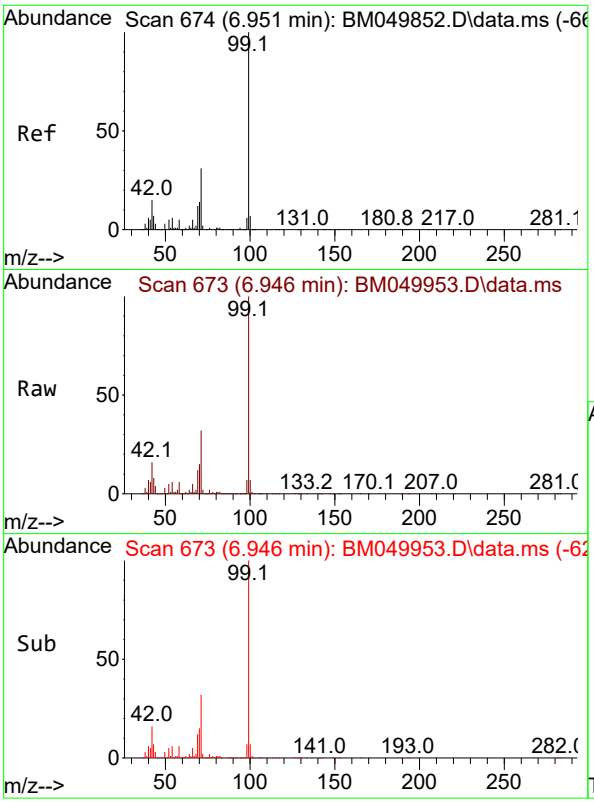


#5
2-Fluorophenol
Concen: 59.078 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Tgt Ion:112 Resp: 1675566

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.0	61.6
63	26.7	21.5	32.3



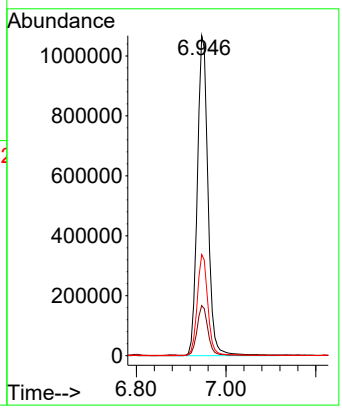


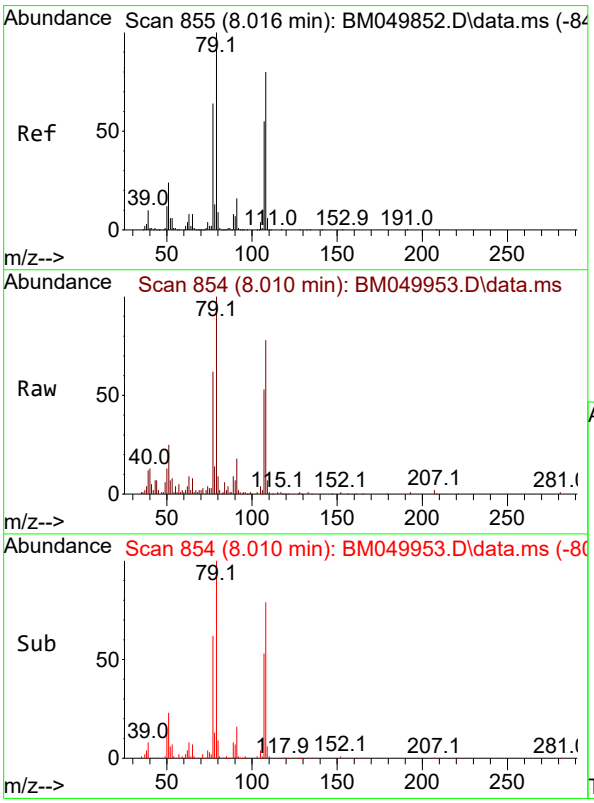
#7
Phenol-d6
Concen: 49.918 ng
RT: 6.946 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

Tgt Ion: 99 Resp: 1761482

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.1	18.1
71	31.6	24.9	37.3

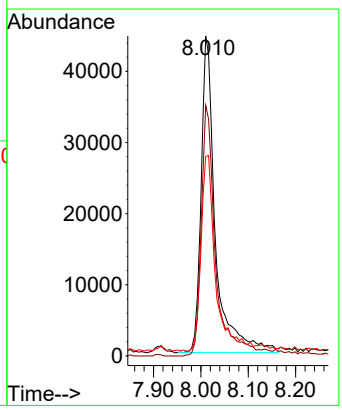


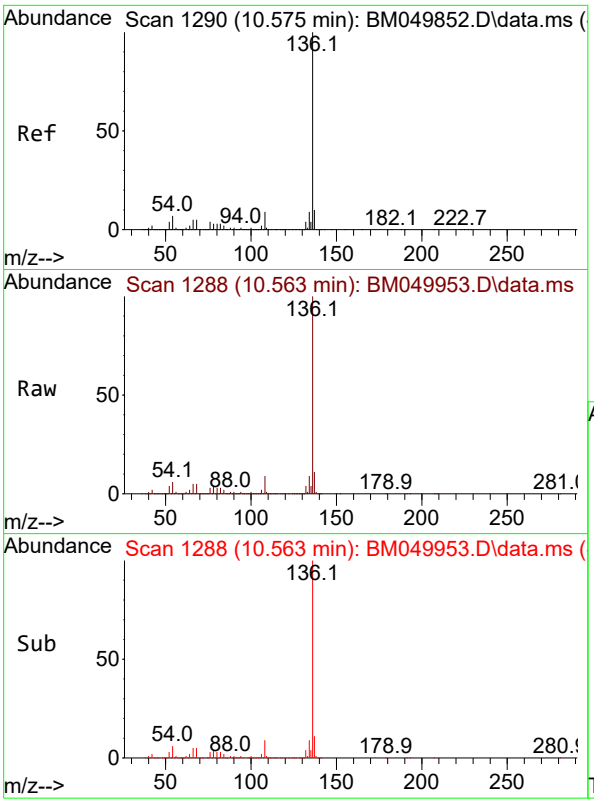


#15
Benzyl Alcohol
Concen: 4.201 ng
RT: 8.010 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Tgt Ion: 79 Resp: 93342

Ion	Ratio	Lower	Upper
79	100		
108	78.3	63.6	95.4
77	62.3	51.3	76.9



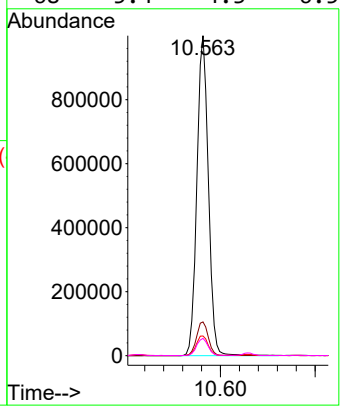


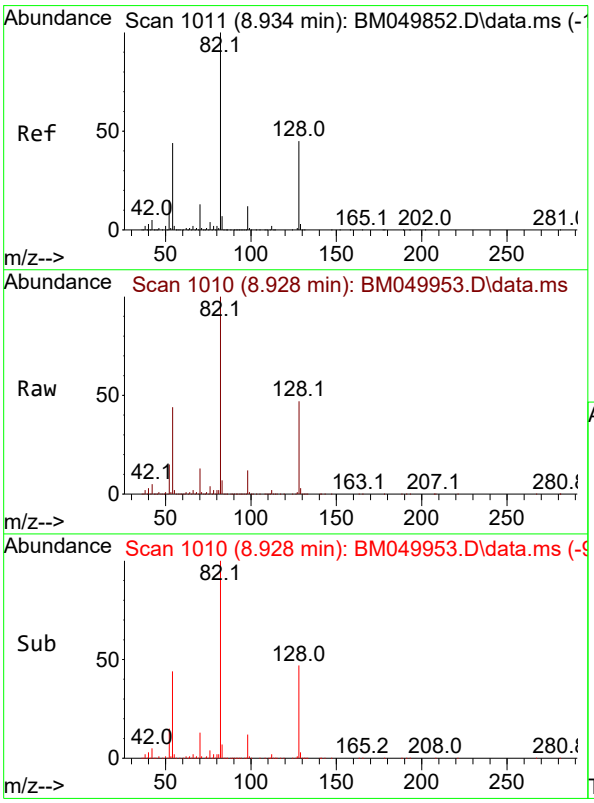
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

Tgt Ion:136 Resp: 1680773

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.2	5.3	7.9
68	5.4	4.3	6.5

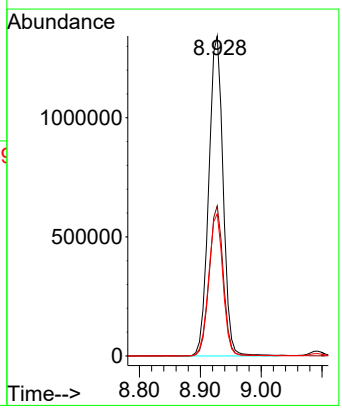


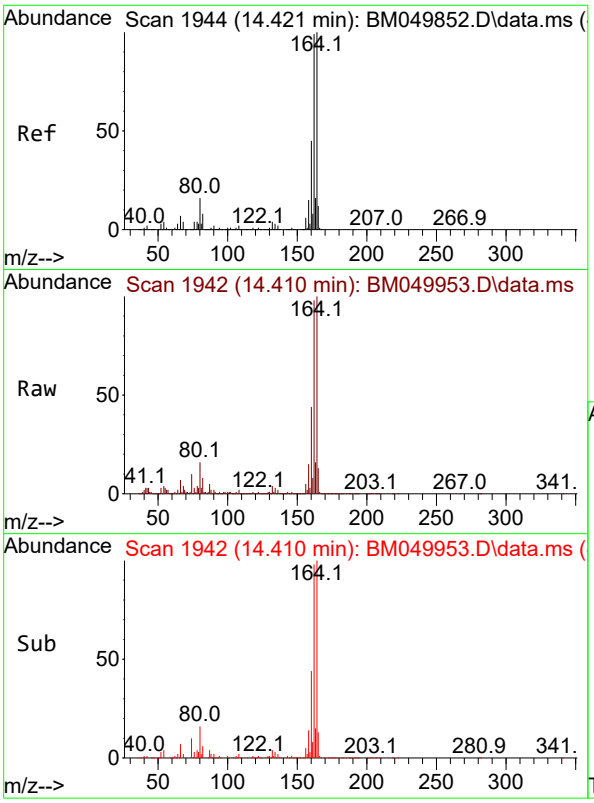


#23
Nitrobenzene-d5
Concen: 72.706 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Tgt Ion: 82 Resp: 2194526

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.2	54.2
54	44.4	35.0	52.6



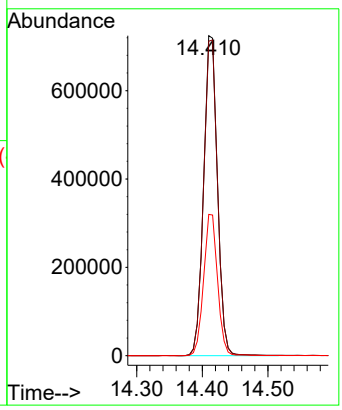


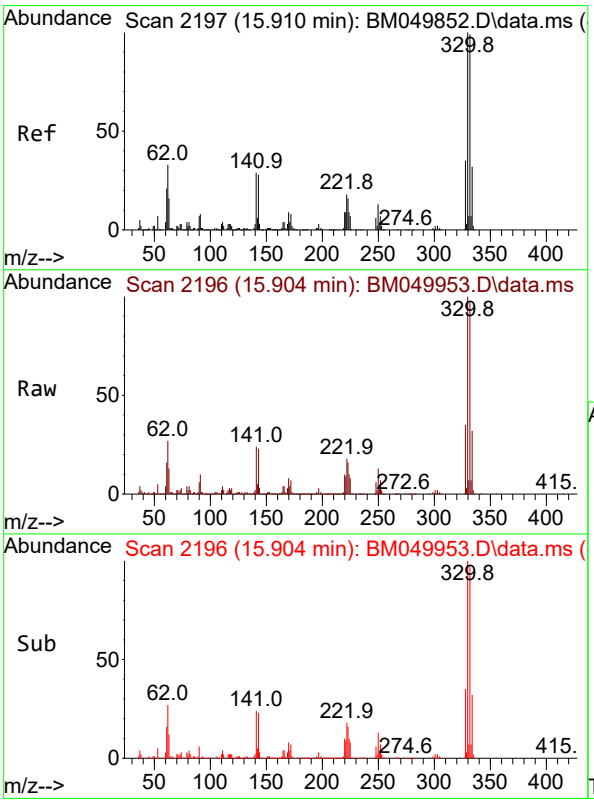
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

Tgt Ion:164 Resp: 1065529

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.4	119.0
160	44.1	36.2	54.2

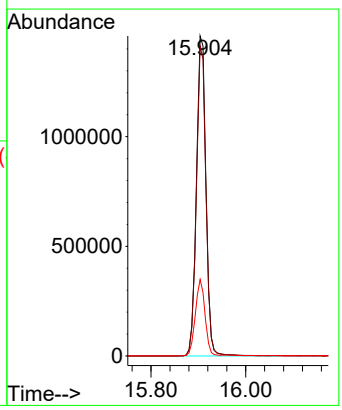


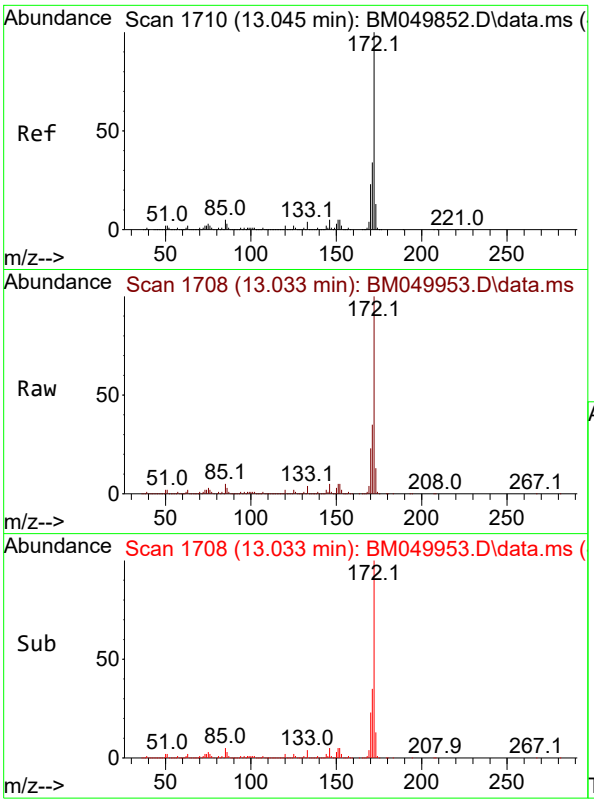


#42
2,4,6-Tribromophenol
Concen: 132.153 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Tgt Ion:330 Resp: 2048173

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.0	117.0
141	24.1	23.5	35.3



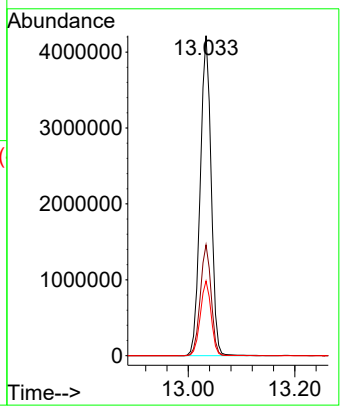


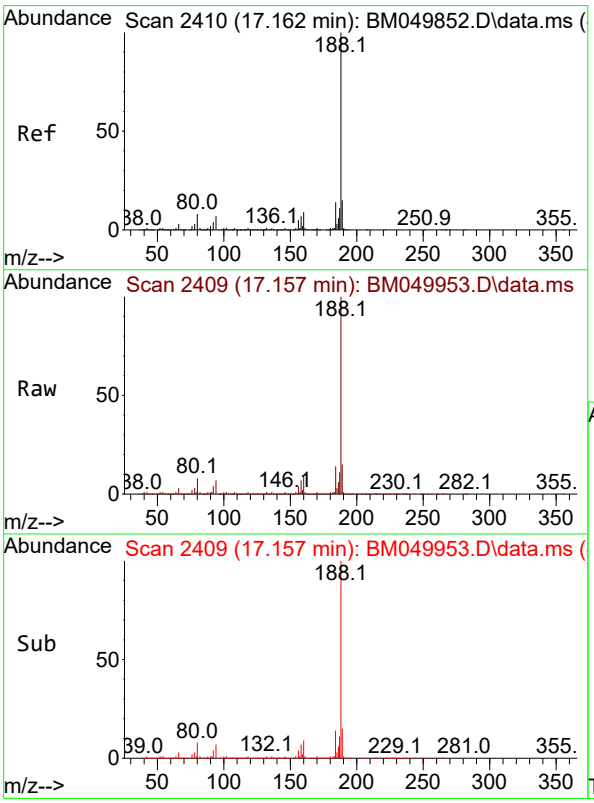
#45
2-Fluorobiphenyl
Concen: 75.872 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

Tgt Ion:172 Resp: 5961875

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.4	41.2
170	23.4	18.6	28.0

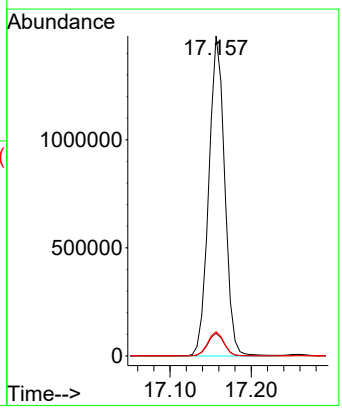


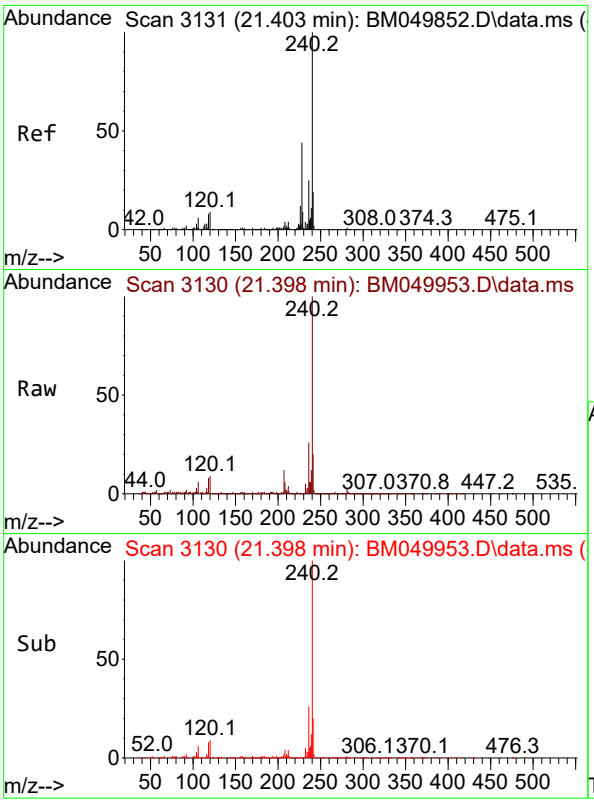


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Tgt Ion:188 Resp: 2013577

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.6
80	7.6	6.4	9.6



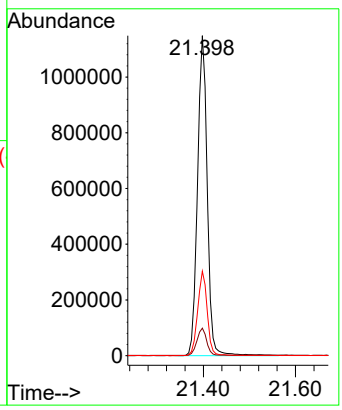


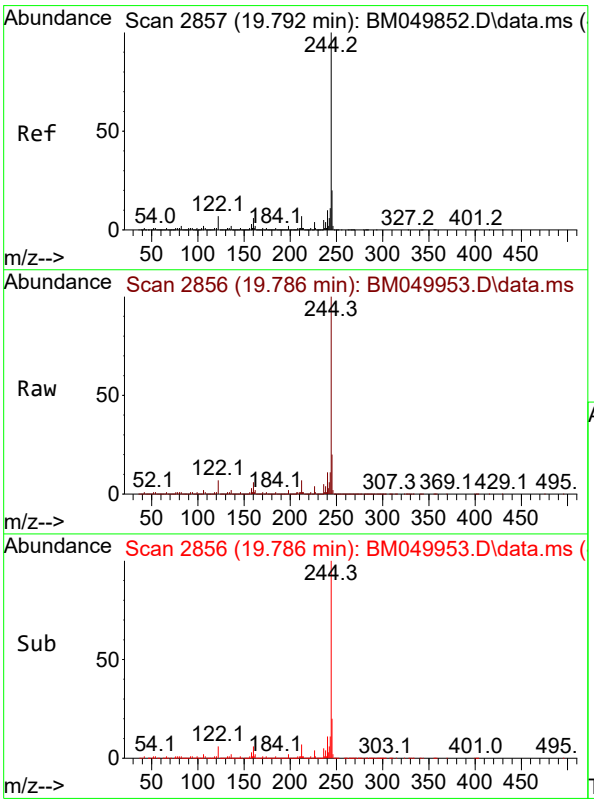
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

Tgt Ion:240 Resp: 1687155

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.4	20.4	30.6

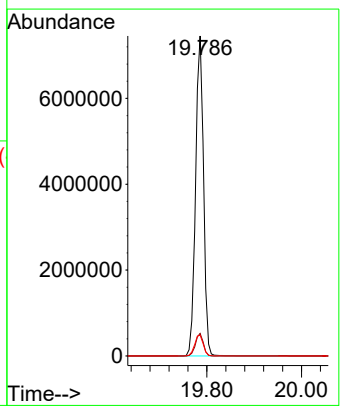


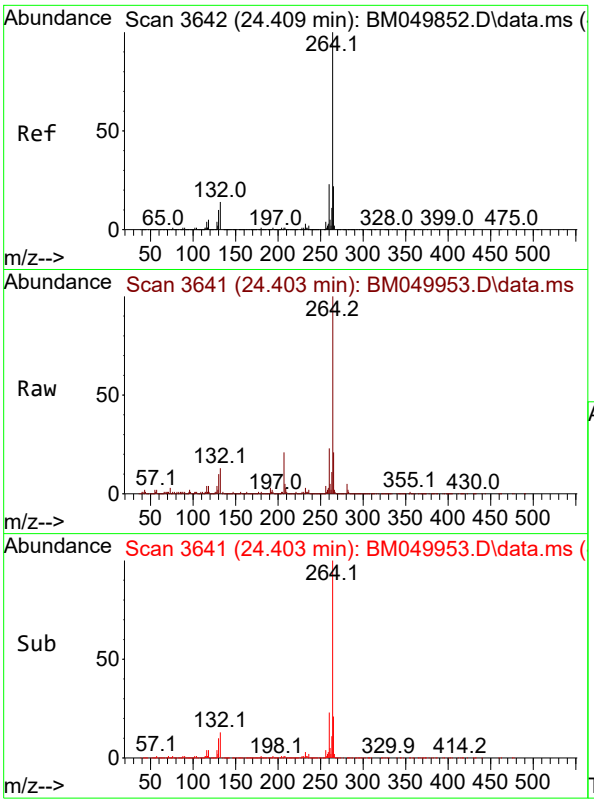


#79
Terphenyl-d14
Concen: 96.494 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Tgt Ion:244 Resp: 8687043

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	6.5	5.4	8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

Tgt Ion:264 Resp: 1779017

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.4	17.8	26.8