Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049996.D
Acq On : 22 Apr 2025 15:10
Operator : RC/JU
Sample : Q1847-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PAD-24125

Quant Time: Apr 22 15:46:25 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	272361	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	937308	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	631805	20.000	ng	-0.01
64) Phenanthrene-d10	17.163	188	1062180	20.000	ng	# 0.00
76) Chrysene-d12	21.403	240	1118445	20.000	ng	0.00
86) Perylene-d12	24.409	264	1262104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	81863	5.104	ng	0.00
7) Phenol-d6	6.957	99	118065	5.916	ng	0.00
23) Nitrobenzene-d5	8.928	82	89900	5.341	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	52464	5.709	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	263455	5.654	ng	-0.01
79) Terphenyl-d14	19.792	244	372865	6.248	ng	0.00
Target Compounds						Qvalue

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

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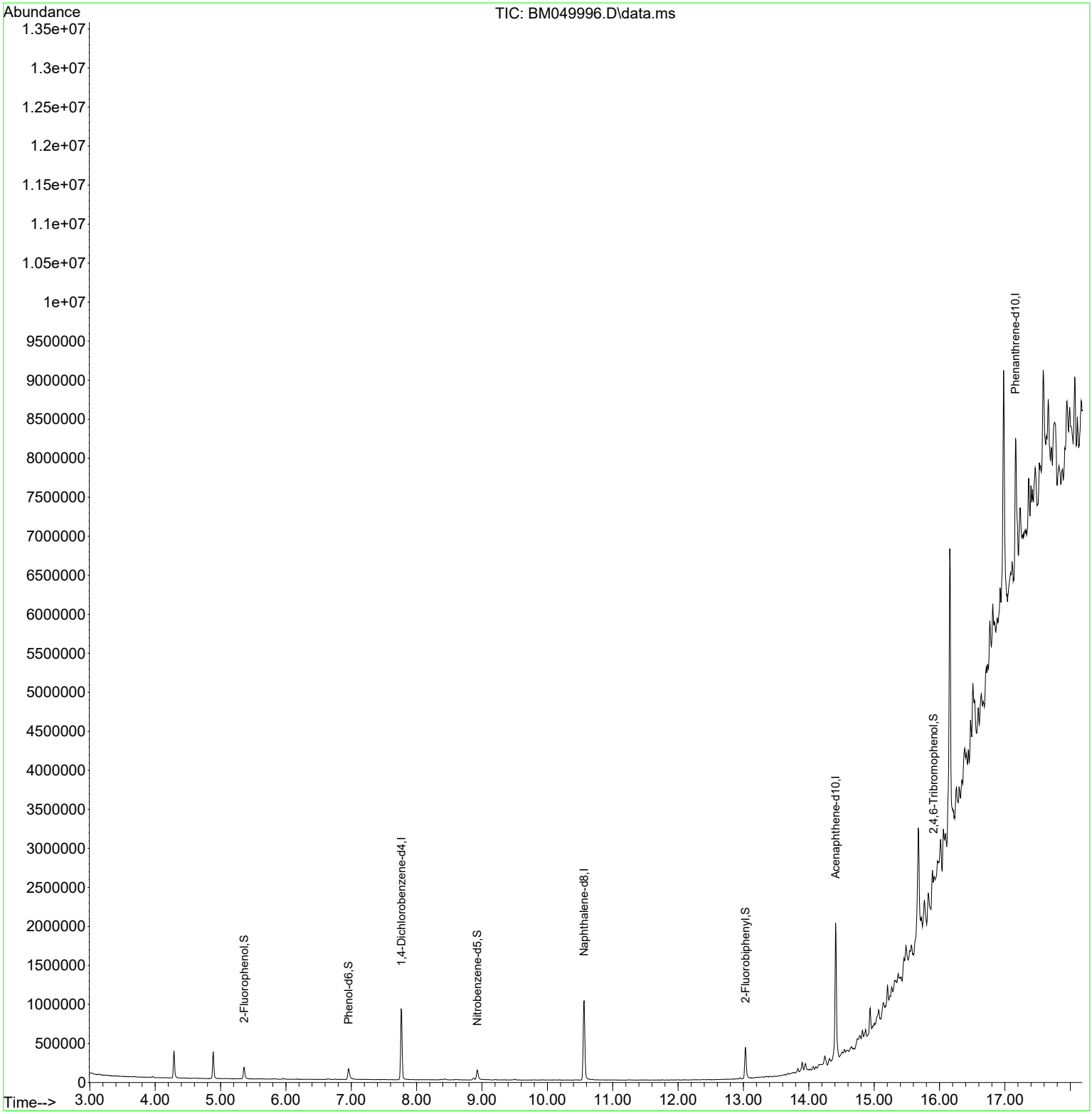

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
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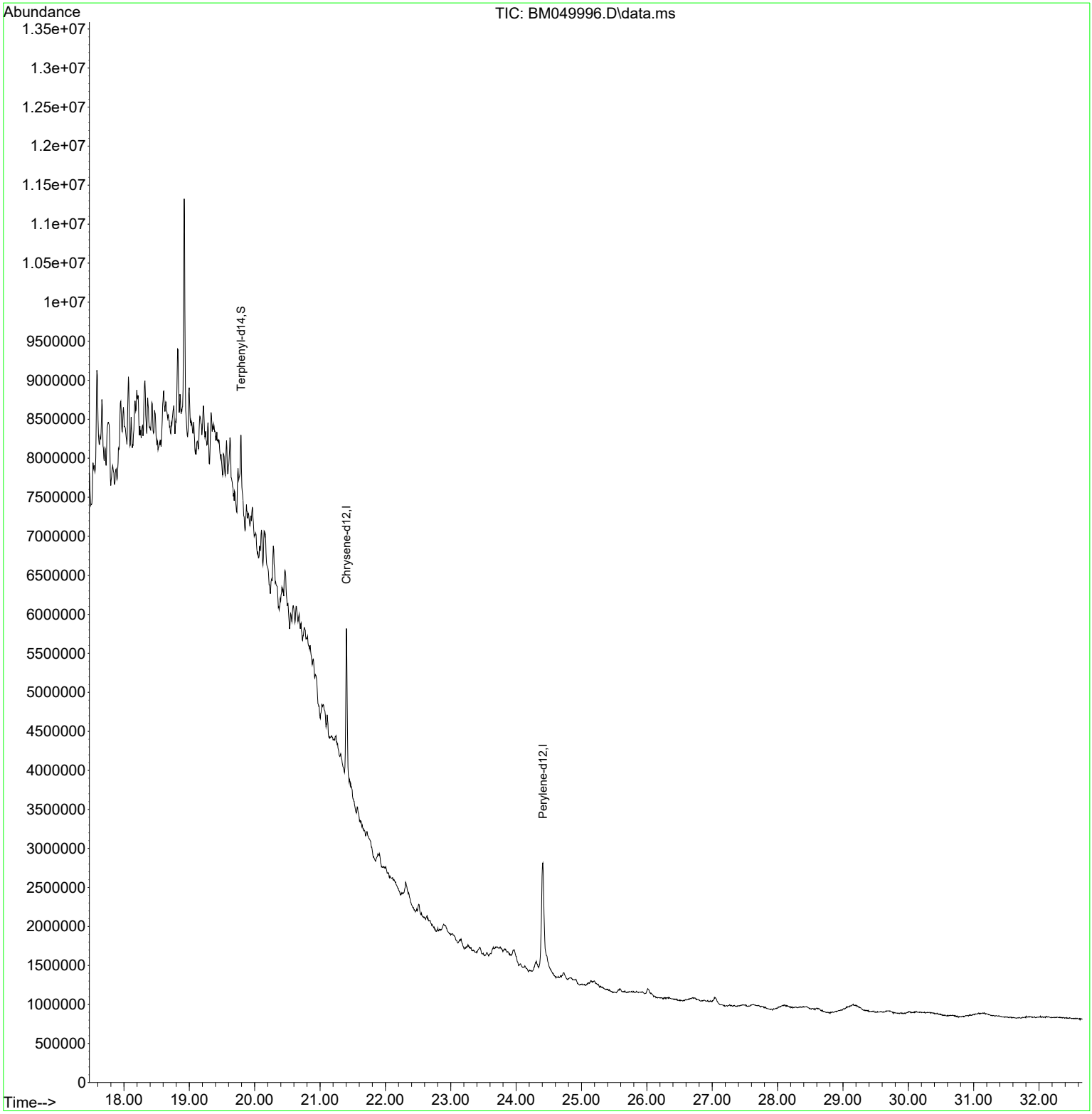
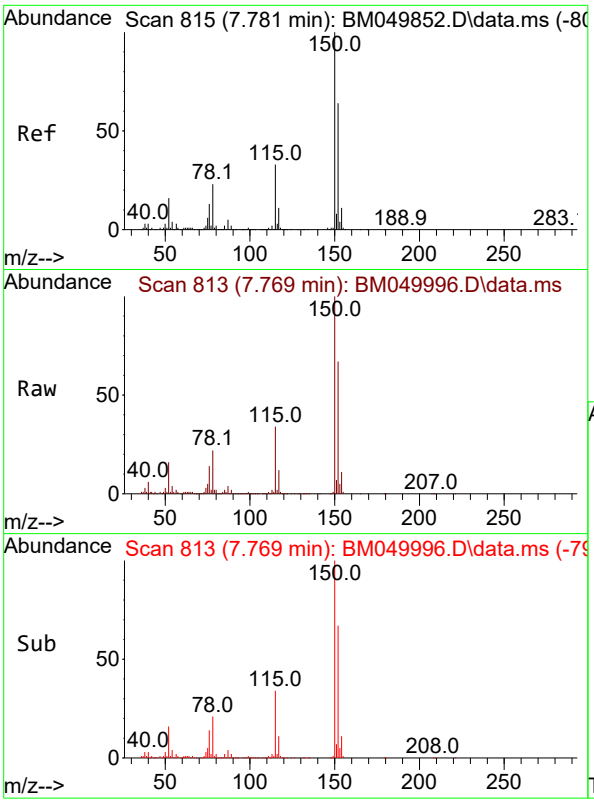


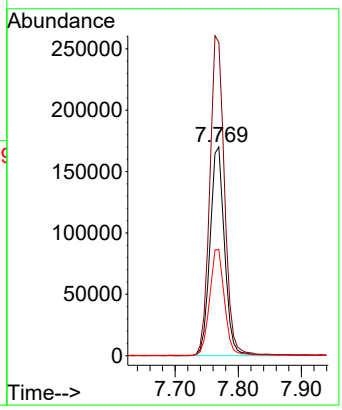


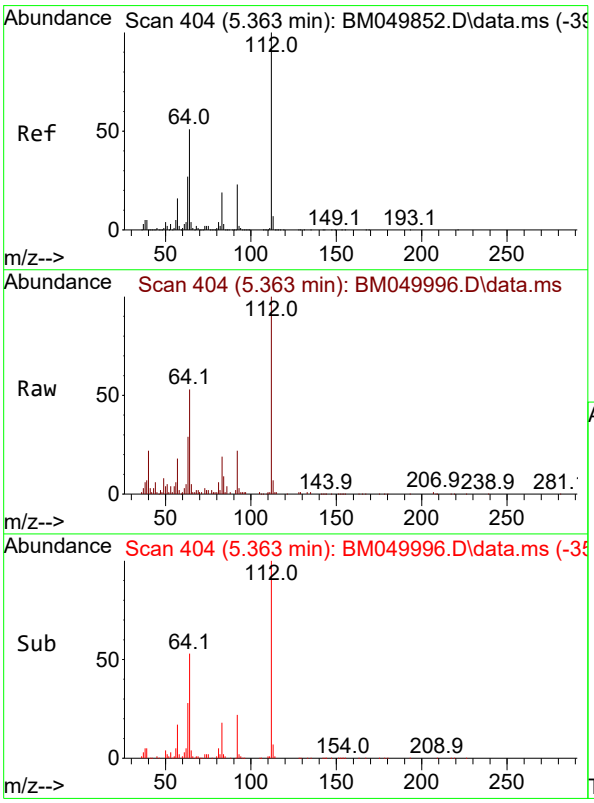
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Instrument :
BNA_M
ClientSampleId :
PAD-24125

Tgt Ion:152 Resp: 272361

Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.3	186.5
115	50.8	41.1	61.7

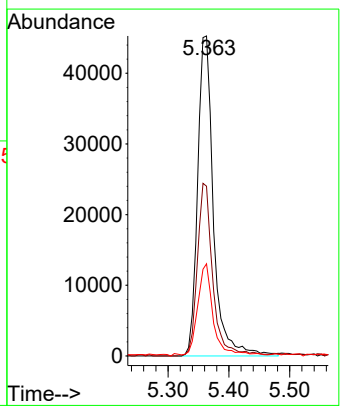


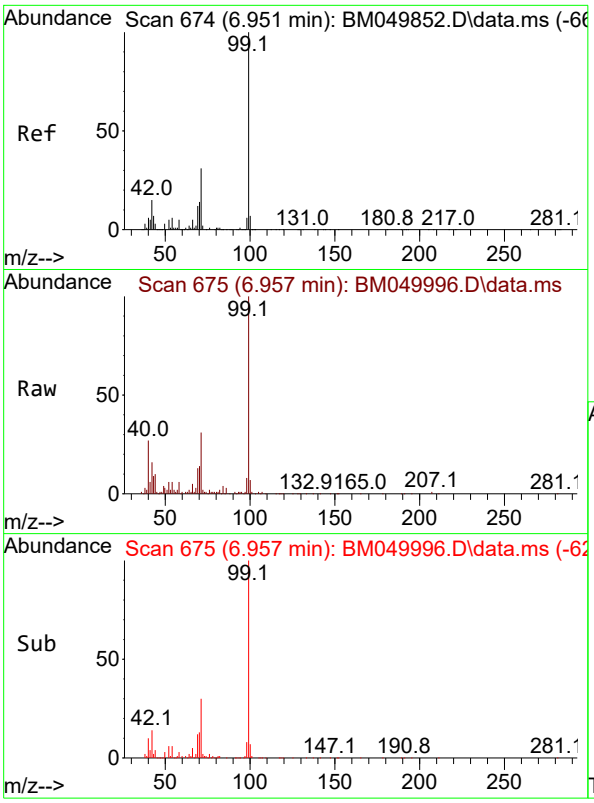


#5
2-Fluorophenol
Concen: 5.104 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion:112 Resp: 81863

Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.0	61.6
63	28.8	21.5	32.3



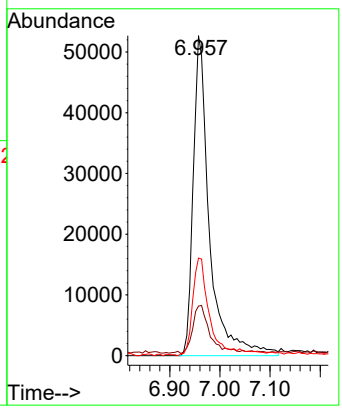


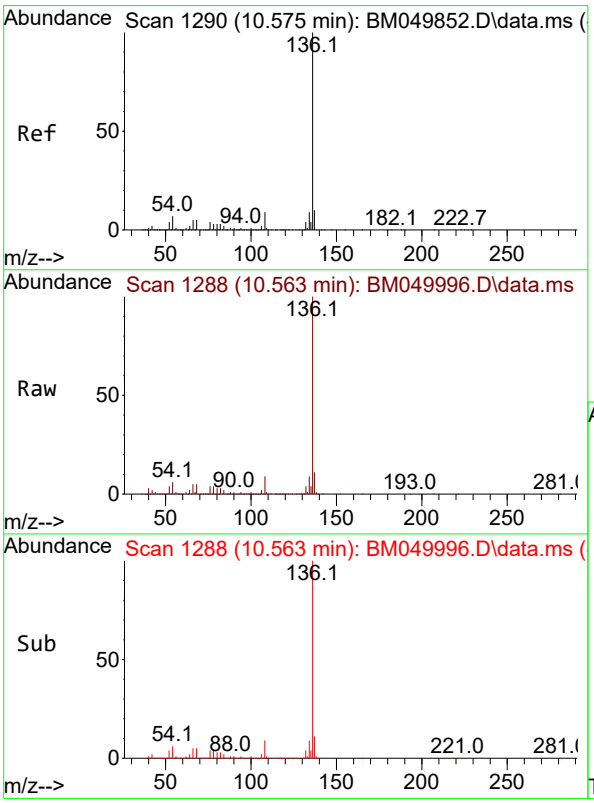
#7
Phenol-d6
Concen: 5.916 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Instrument :
BNA_M
ClientSampleId :
PAD-24125

Tgt Ion: 99 Resp: 118065

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.1	18.1
71	30.5	24.9	37.3

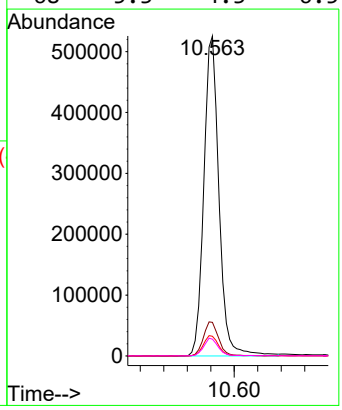


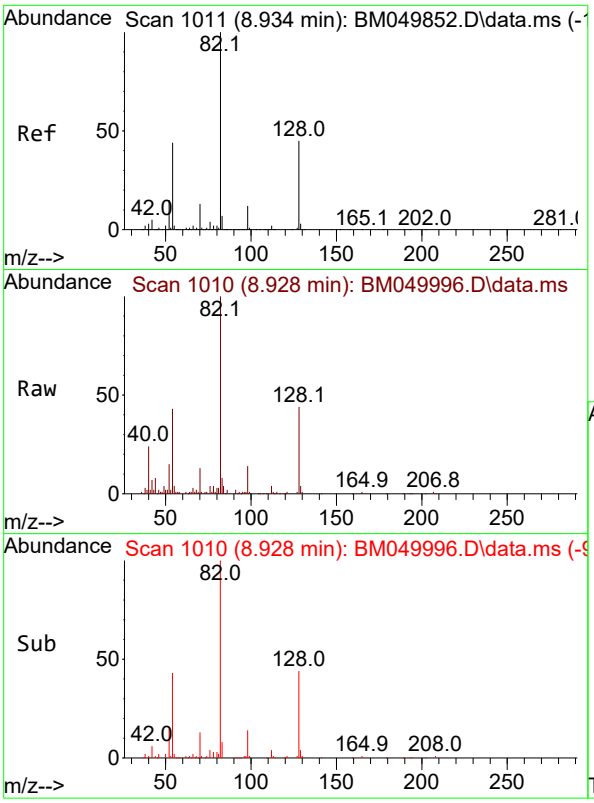


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion:136 Resp: 937308

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.2	5.3	7.9
68	5.3	4.3	6.5



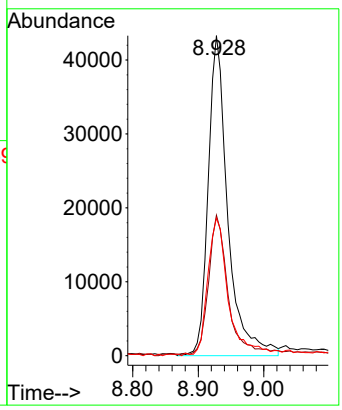


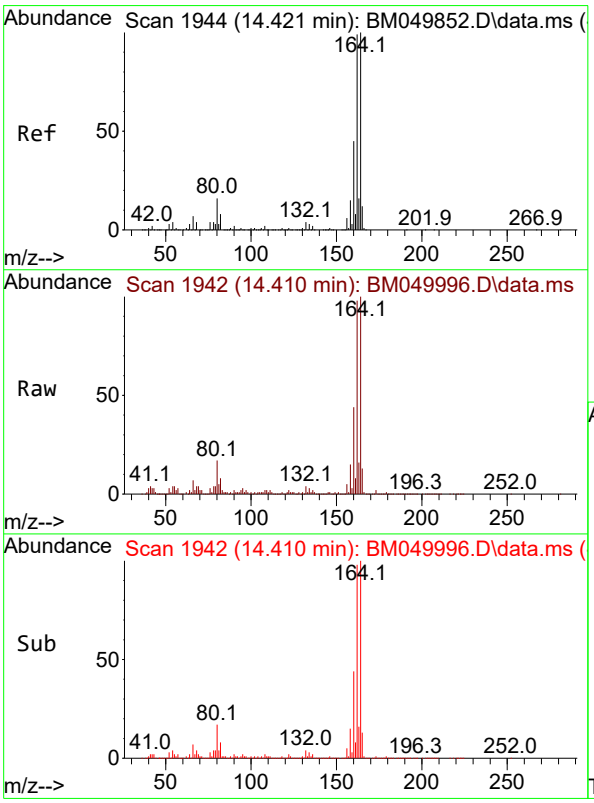
#23
Nitrobenzene-d5
Concen: 5.341 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Instrument :
BNA_M
ClientSampleId :
PAD-24125

Tgt Ion: 82 Resp: 89900

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.2	54.2
54	43.0	35.0	52.6

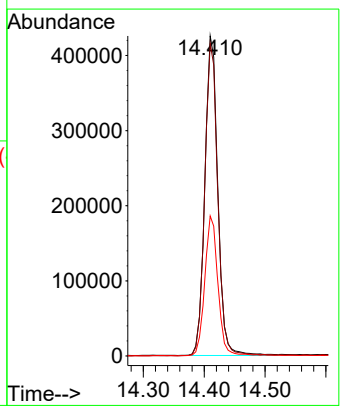


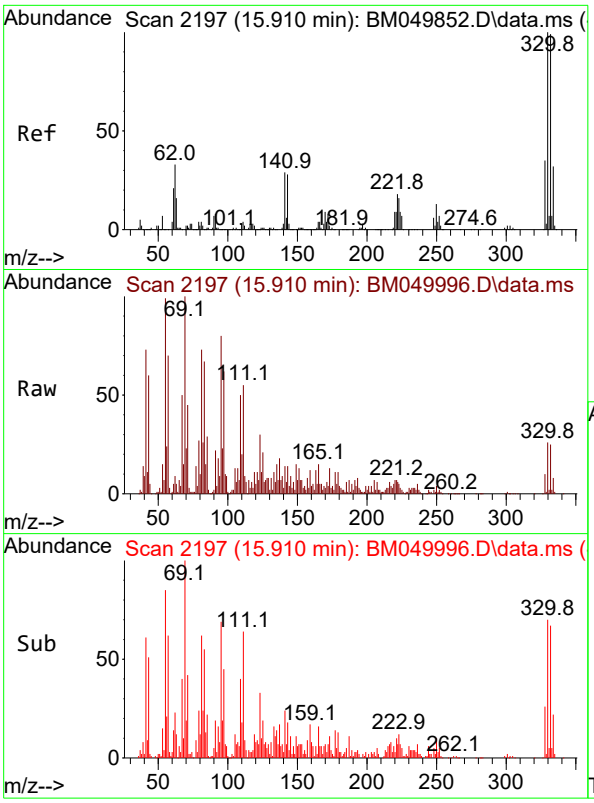


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion:164 Resp: 631805

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.4	119.0
160	43.8	36.2	54.2



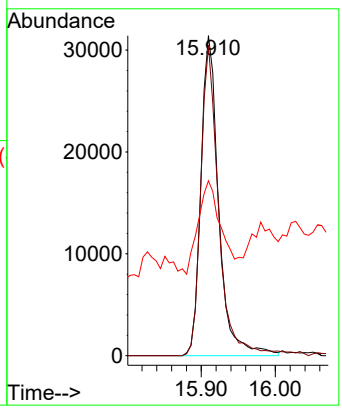


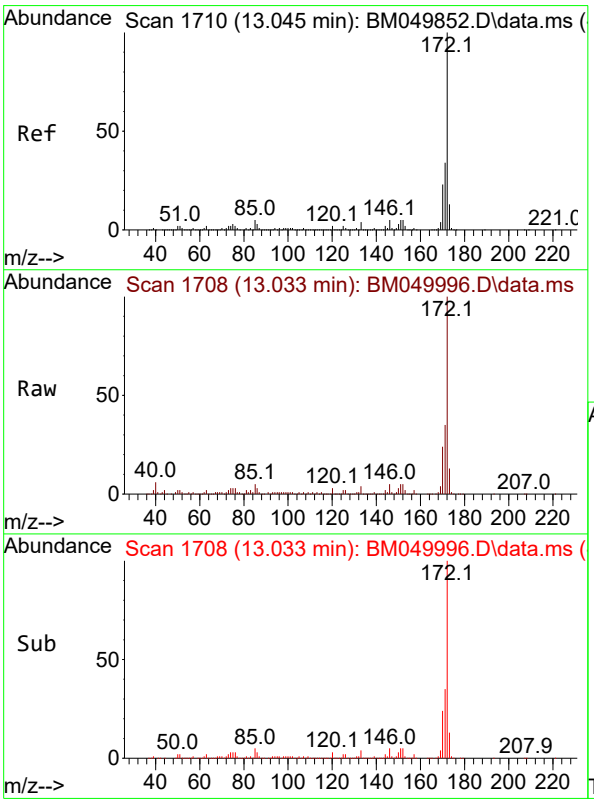
#42
2,4,6-Tribromophenol
Concen: 5.709 ng
RT: 15.910 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Instrument :
BNA_M
ClientSampleId :
PAD-24125

Tgt Ion:330 Resp: 52464

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.0	117.0
141	36.5	23.5	35.3#

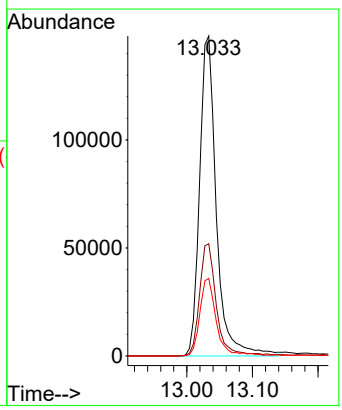


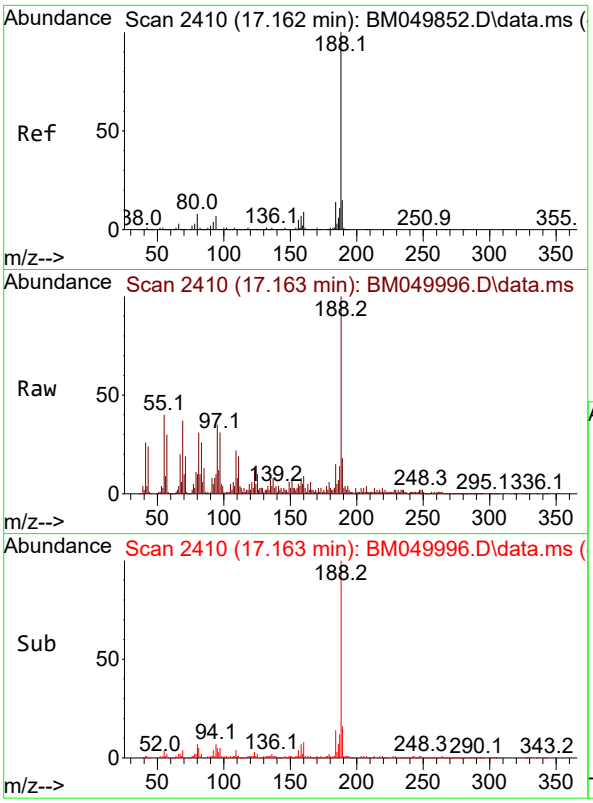


#45
2-Fluorobiphenyl
Concen: 5.654 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion:172 Resp: 263455

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.4	41.2
170	24.3	18.6	28.0



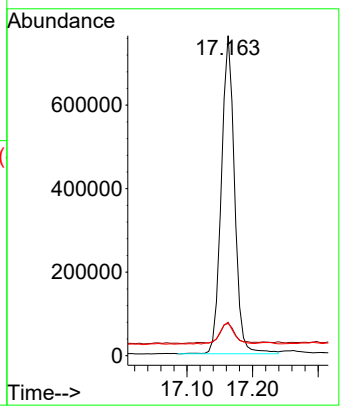


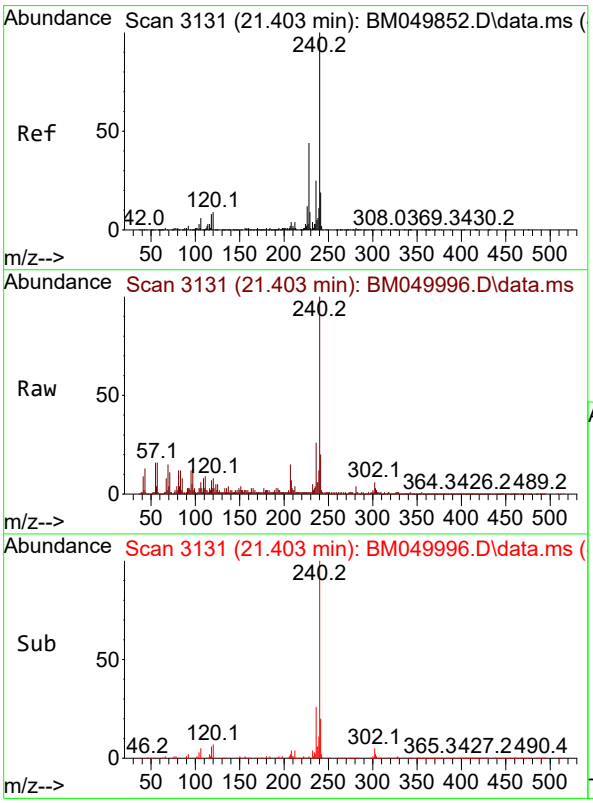
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Instrument :
BNA_M
ClientSampleId :
PAD-24125

Tgt Ion:188 Resp: 1062180

Ion	Ratio	Lower	Upper
188	100		
94	10.1	5.8	8.6#
80	10.4	6.4	9.6#

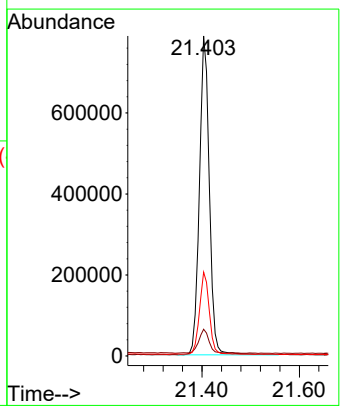


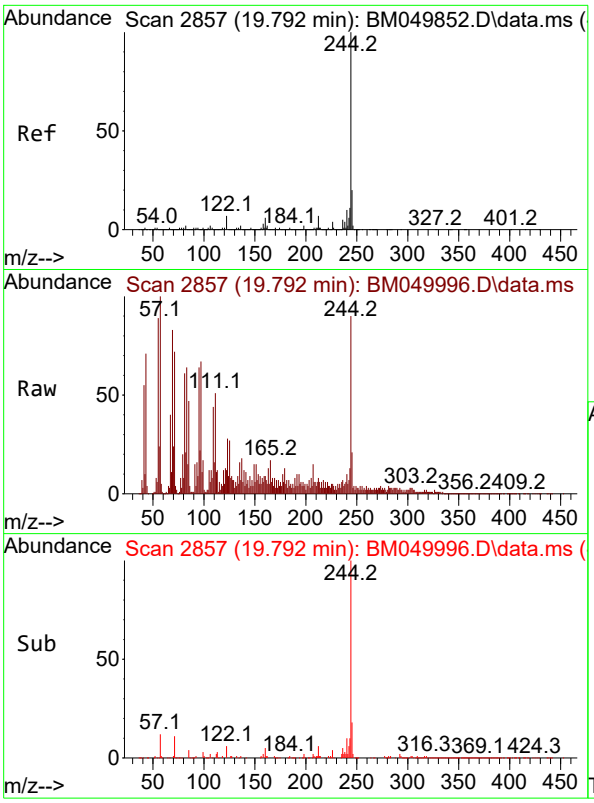


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion:240 Resp: 1118445

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



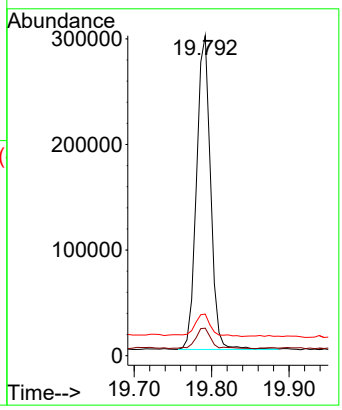


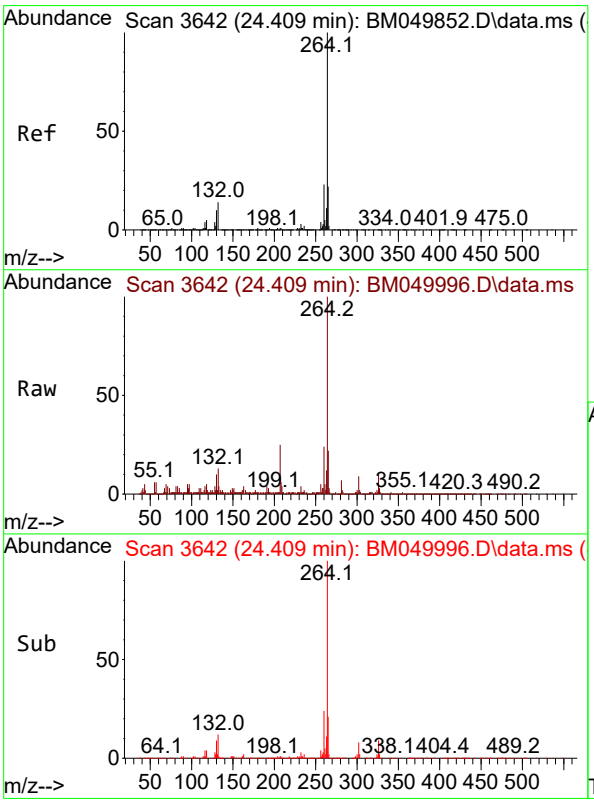
#79
Terphenyl-d14
Concen: 6.248 ng
RT: 19.792 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Instrument :
BNA_M
ClientSampleId :
PAD-24125

Tgt Ion:244 Resp: 372865

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.5	8.3#
122	13.0	5.4	8.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3642
Delta R.T. 0.000 min
Lab File: BM049996.D
Acq: 22 Apr 2025 15:10

Tgt Ion:264 Resp: 1262104

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.9	17.8	26.8