Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049958.D
Acq On : 16 Apr 2025 18:42
Operator : RC/JU
Sample : Q1808-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LAW-25-0060

Quant Time: Apr 17 01:45:59 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	427607	20.000	ng		-0.01
21) Naphthalene-d8	10.563	136	1475755	20.000	ng		-0.01
39) Acenaphthene-d10	14.416	164	967607	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1869451	20.000	ng		0.00
76) Chrysene-d12	21.403	240	1684750	20.000	ng		0.00
86) Perylene-d12	24.403	264	1907190	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2004362	79.595	ng		0.00
7) Phenol-d6	6.951	99	2482650	79.240	ng		0.00
23) Nitrobenzene-d5	8.922	82	1513651	57.115	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	1314233	93.379	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	4182483	58.614	ng		-0.01
79) Terphenyl-d14	19.786	244	5658349	62.941	ng		0.00
Target Compounds							Qvalue
75) Fluoranthene	19.221	202	343380	2.725	ng		88
78) Pyrene	19.586	202	312823	2.694	ng	#	88
84) Bis(2-ethylhexyl)phtha...	21.303	149	168262	2.647	ng	#	94
88) Benzo(b)fluoranthene	23.456	252	265295	2.178	ng	#	92

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
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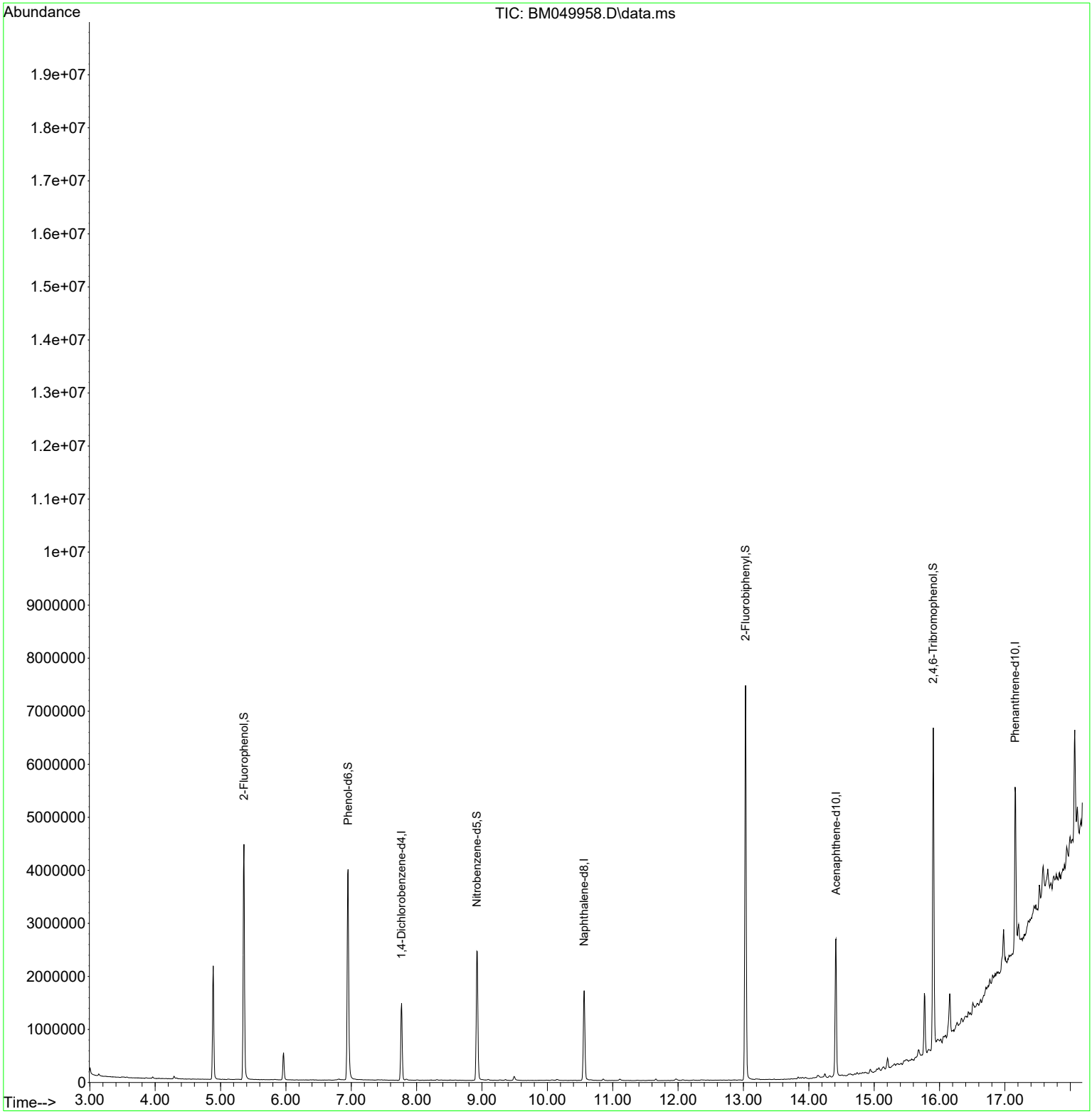

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049958.D
Acq On : 16 Apr 2025 18:42
Operator : RC/JU
Sample : Q1808-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Apr 17 01:45:59 2025
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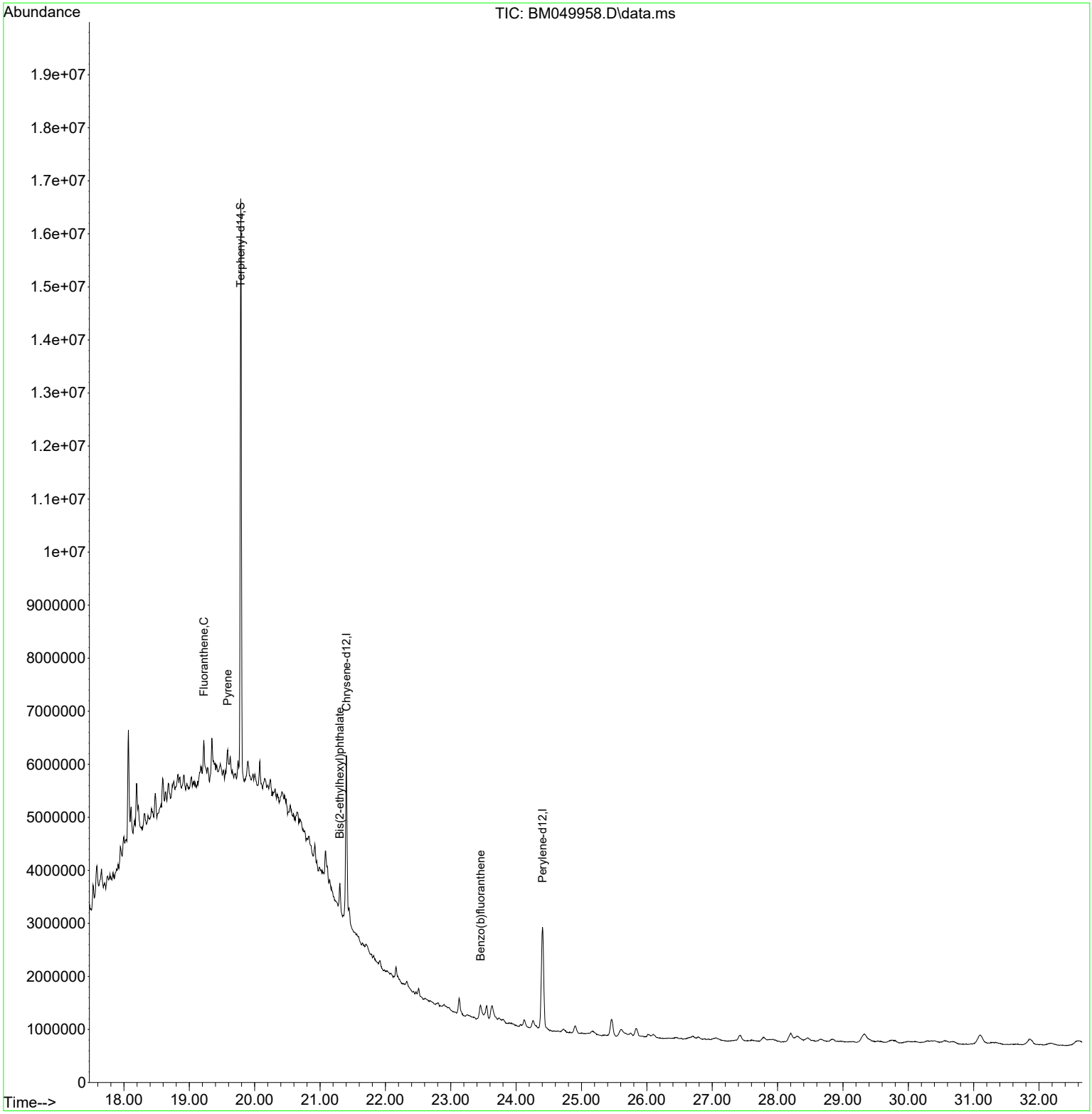
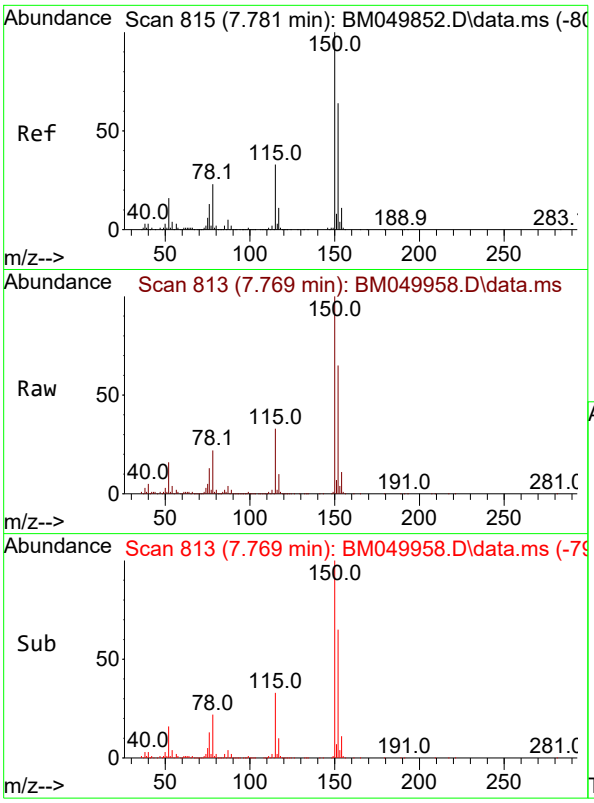


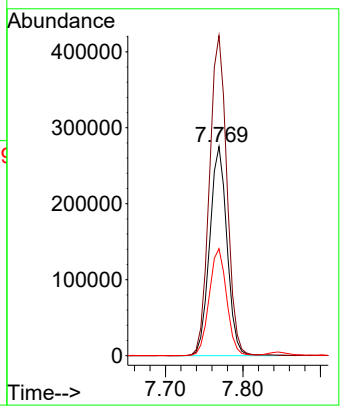


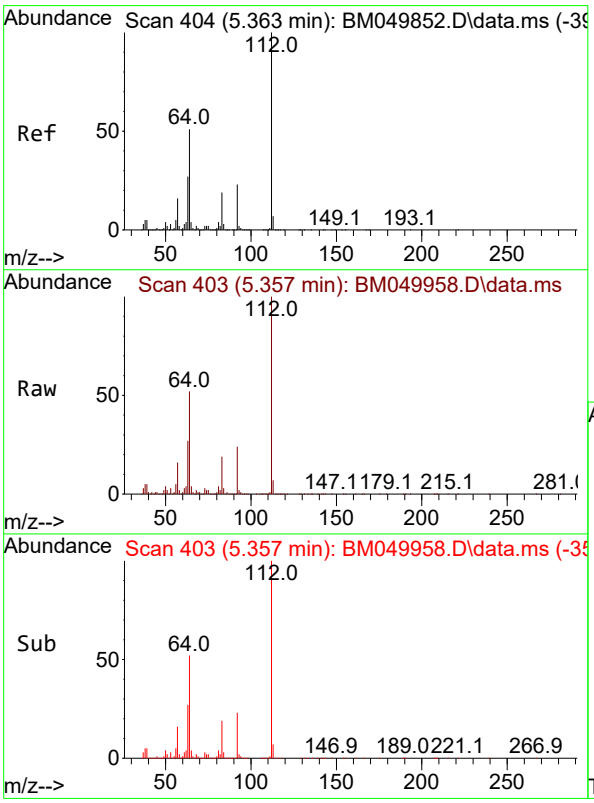
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Instrument :
BNA_M
ClientSampleId :
LAW-25-0060

Tgt Ion:152 Resp: 427607

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.3	186.5
115	51.2	41.1	61.7

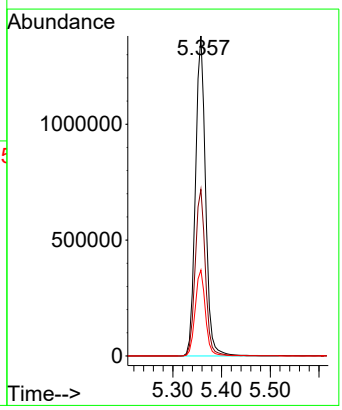


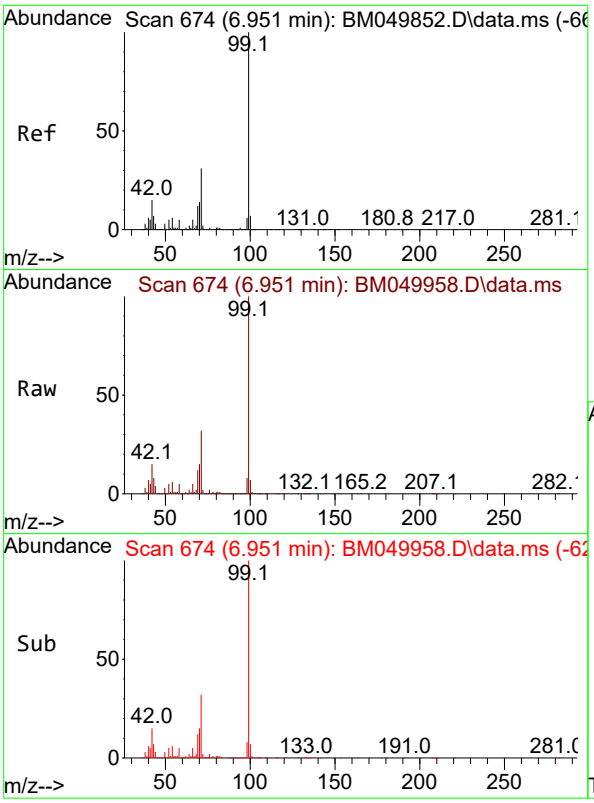


#5
2-Fluorophenol
Concen: 79.595 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Tgt Ion:112 Resp: 2004362

Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.0	61.6
63	26.9	21.5	32.3



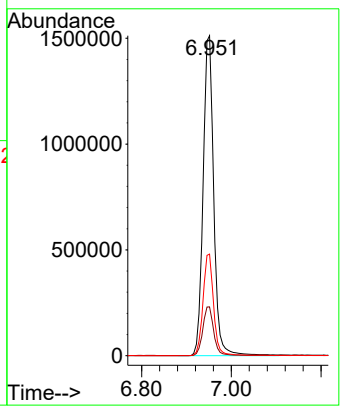


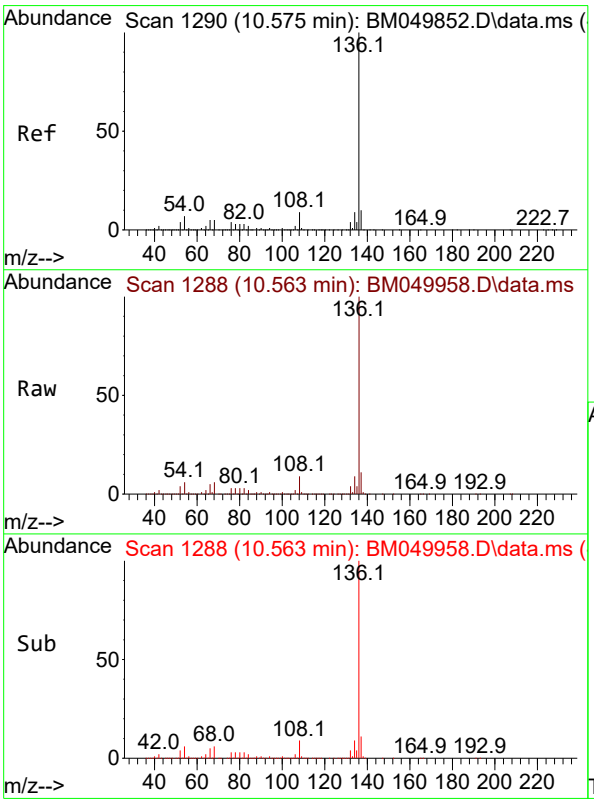
#7
Phenol-d6
Concen: 79.240 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Instrument :
BNA_M
ClientSampleId :
LAW-25-0060

Tgt Ion: 99 Resp: 2482650

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.1	18.1
71	31.8	24.9	37.3

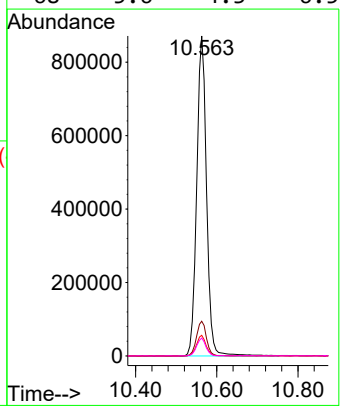


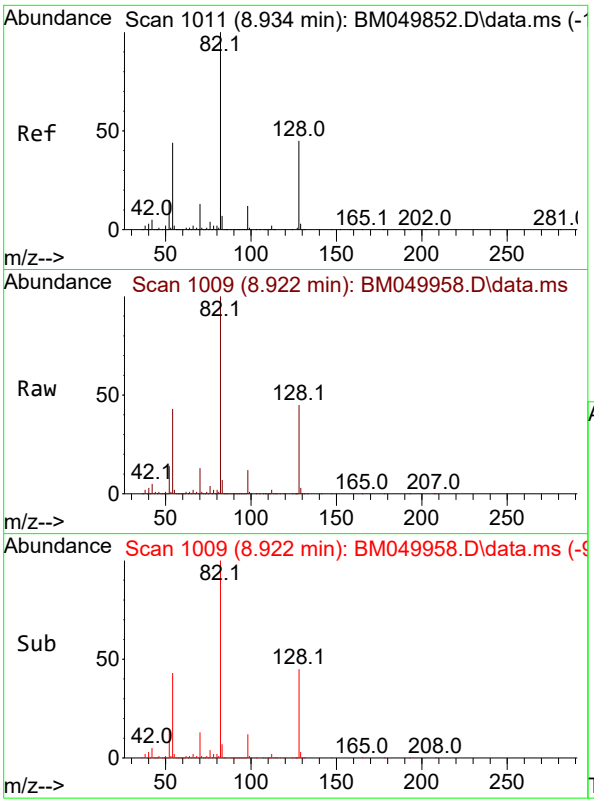


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Tgt Ion:136 Resp: 1475755

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.5	5.3	7.9
68	5.6	4.3	6.5



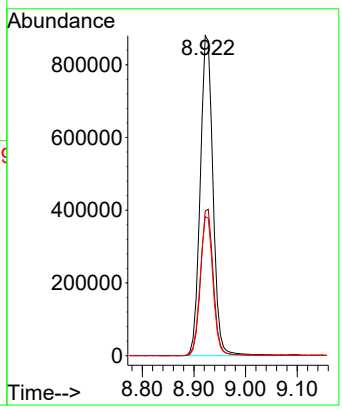


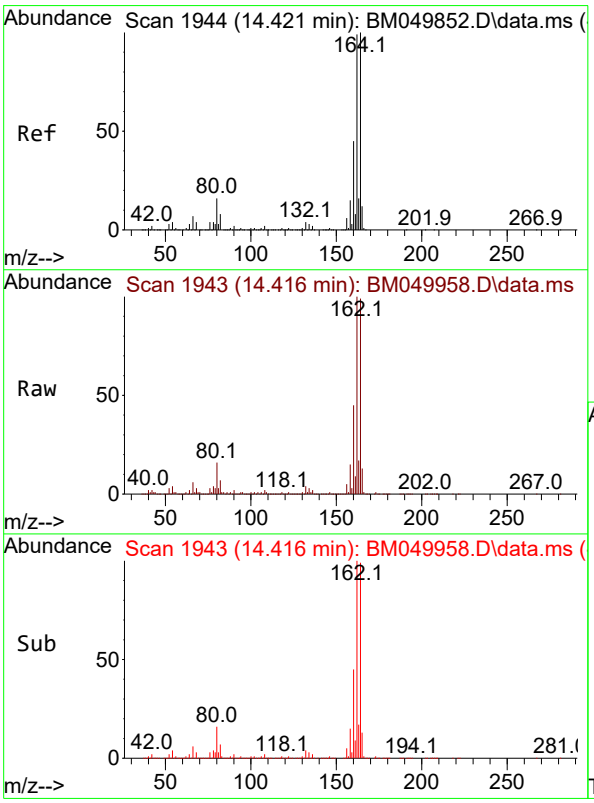
#23
Nitrobenzene-d5
Concen: 57.115 ng
RT: 8.922 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Instrument :
BNA_M
ClientSampleId :
LAW-25-0060

Tgt Ion: 82 Resp: 1513651

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.2	54.2
54	43.5	35.0	52.6

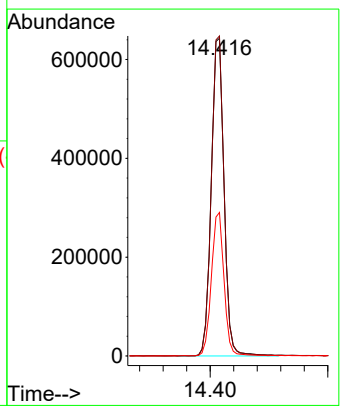


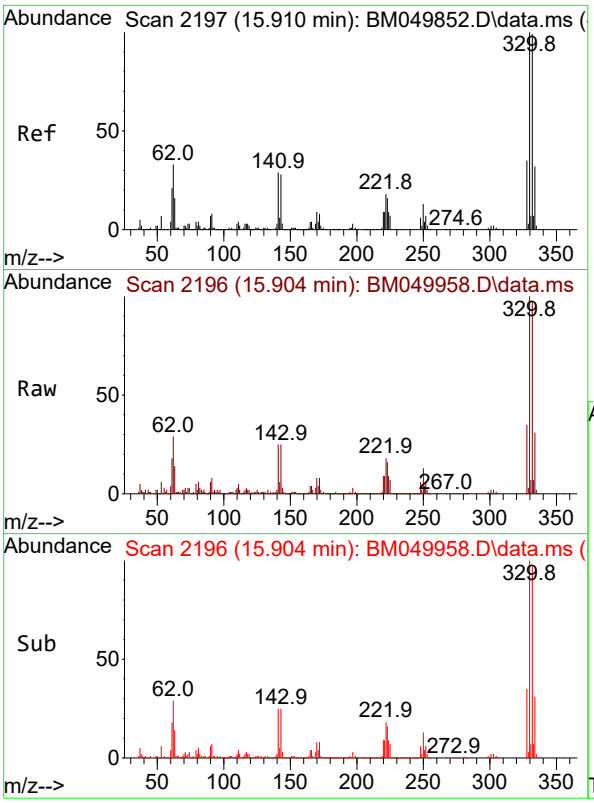


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Tgt Ion:164 Resp: 967607

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.4	119.0
160	45.2	36.2	54.2



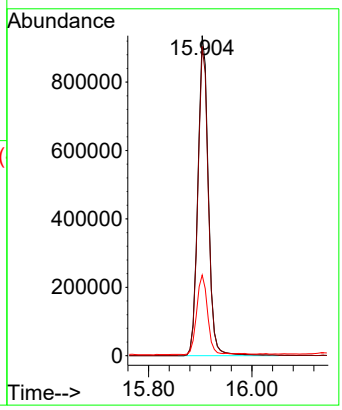


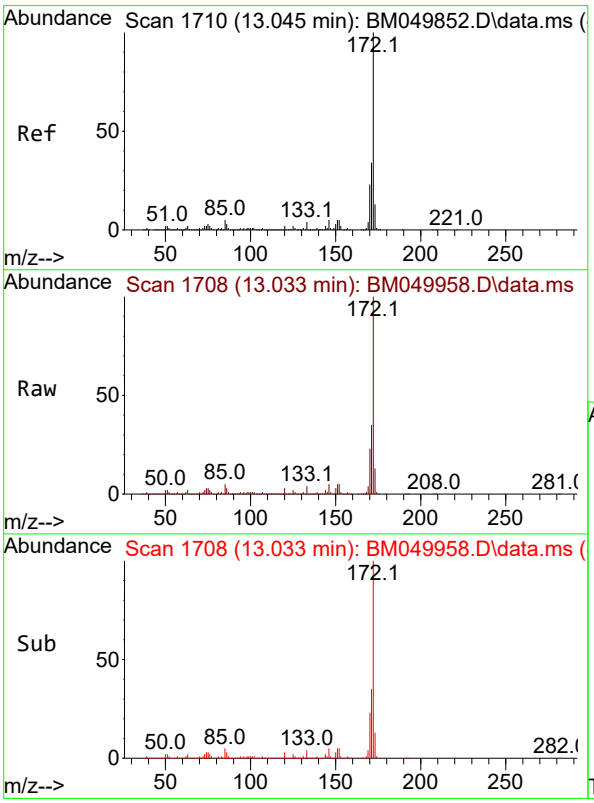
#42
2,4,6-Tribromophenol
Concen: 93.379 ng
RT: 15.904 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Instrument :
BNA_M
ClientSampleId :
LAW-25-0060

Tgt Ion:330 Resp: 1314233

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	25.7	23.5	35.3

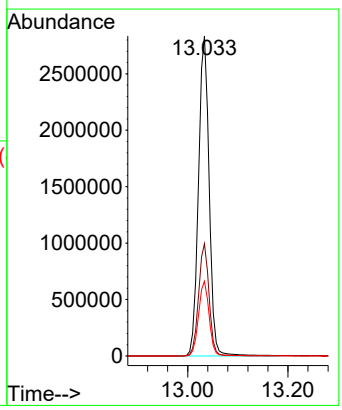


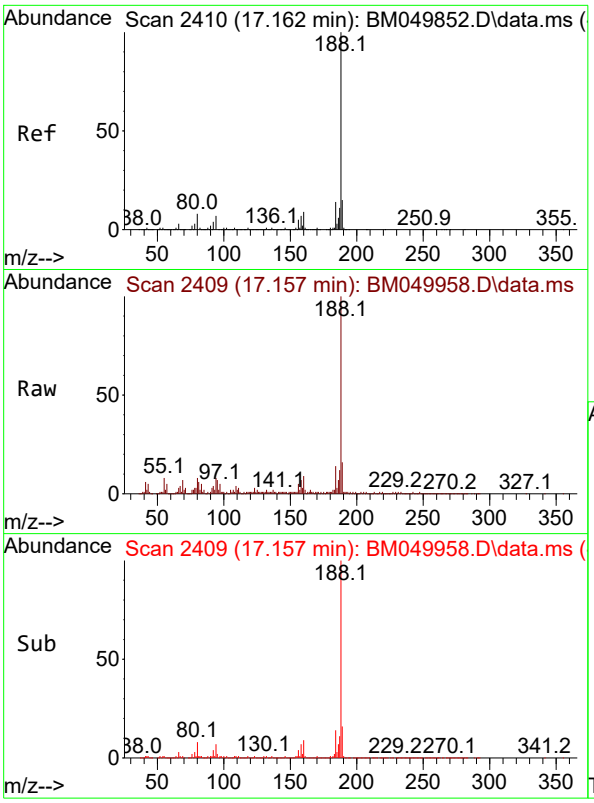


#45
2-Fluorobiphenyl
Concen: 58.614 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Tgt Ion:172 Resp: 4182483

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.4	41.2
170	23.3	18.6	28.0



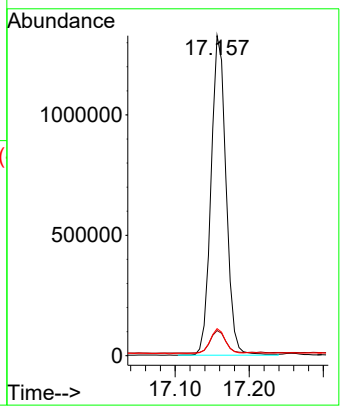


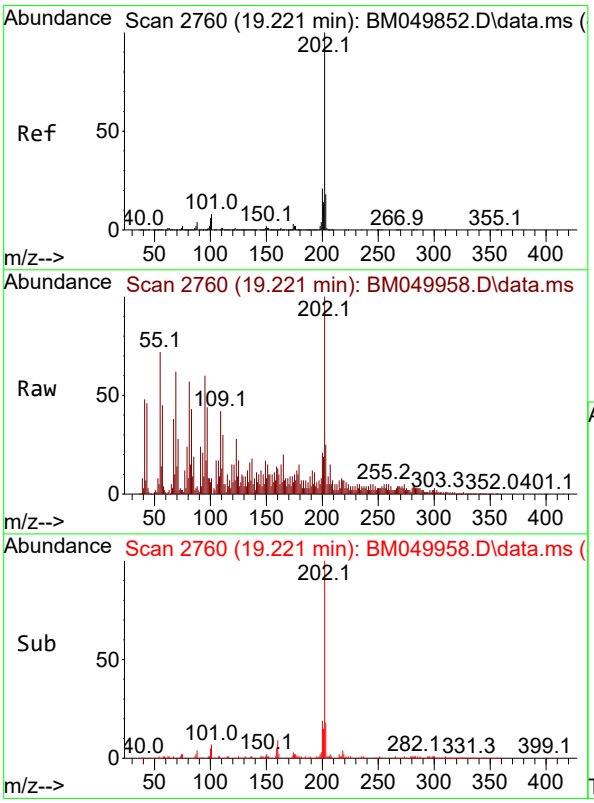
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Instrument :
BNA_M
ClientSampleId :
LAW-25-0060

Tgt Ion:188 Resp: 1869451

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	8.4	6.4	9.6

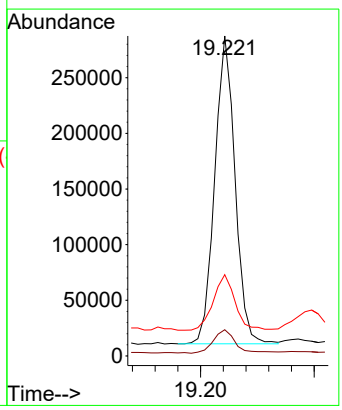


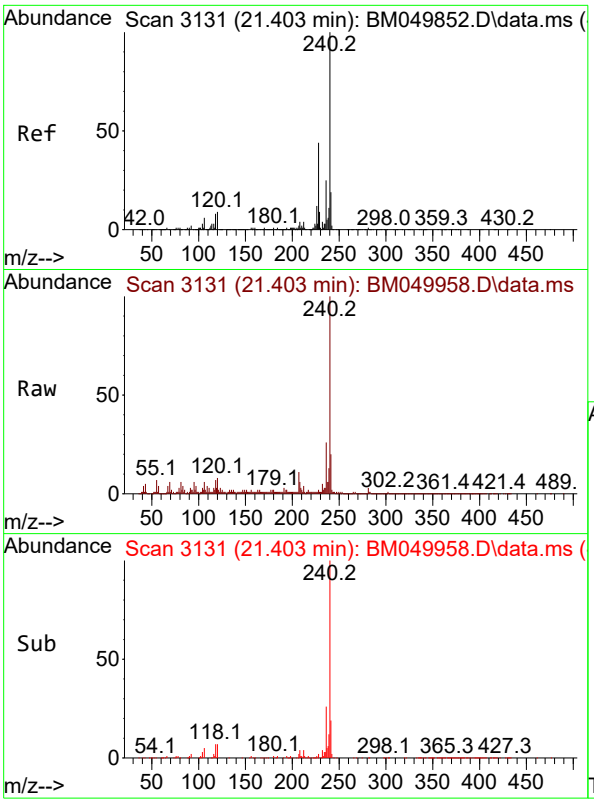


#75
Fluoranthene
Concen: 2.725 ng
RT: 19.221 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Tgt Ion:202 Resp: 343380

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.4
203	25.4	0.0	37.8



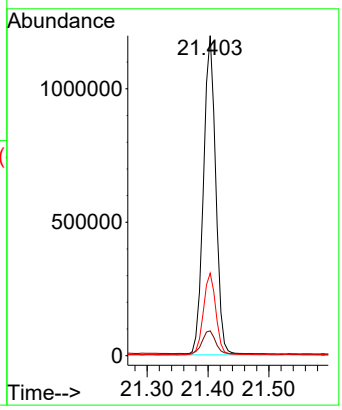


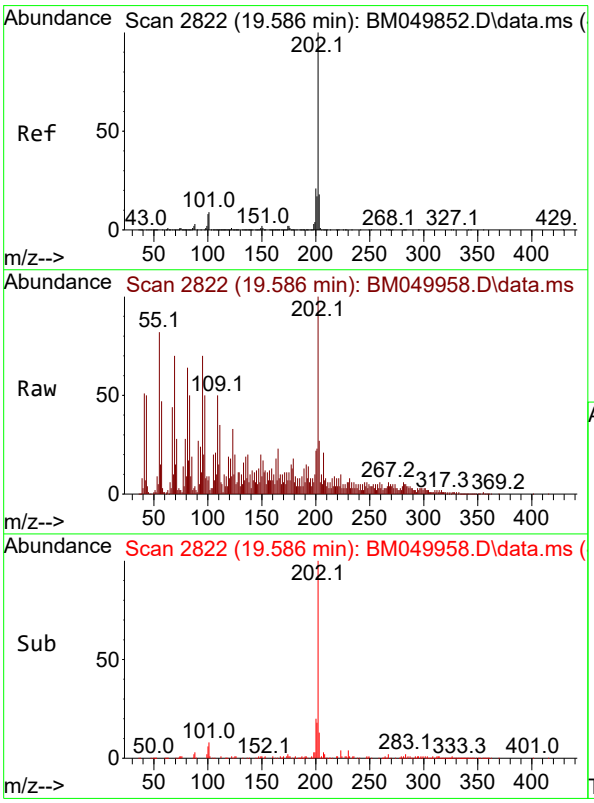
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Instrument :
BNA_M
ClientSampleId :
LAW-25-0060

Tgt Ion:240 Resp: 1684750

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.9	10.3
236	25.8	20.4	30.6

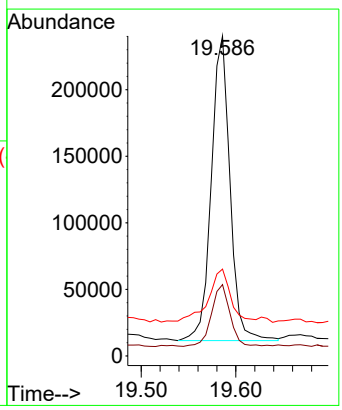


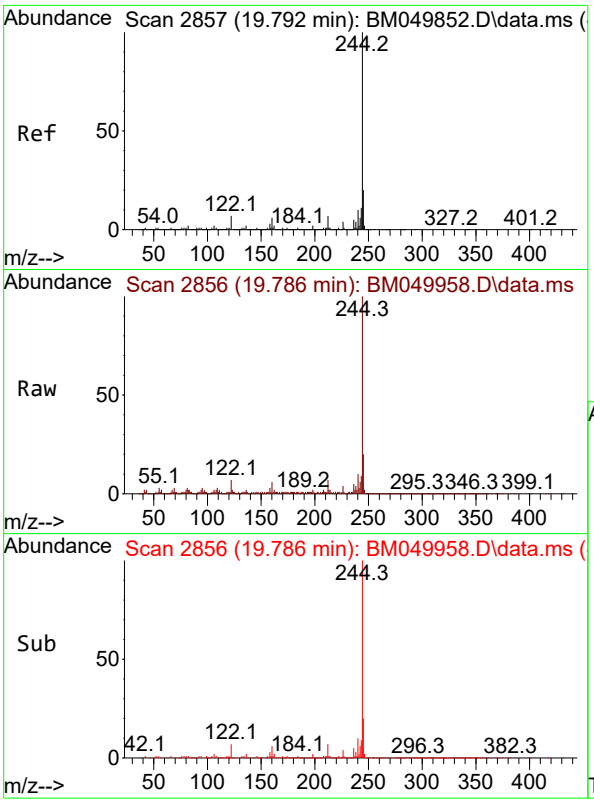


#78
Pyrene
Concen: 2.694 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Tgt Ion:202 Resp: 312823

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.5	24.7
203	27.1	14.0	21.0#



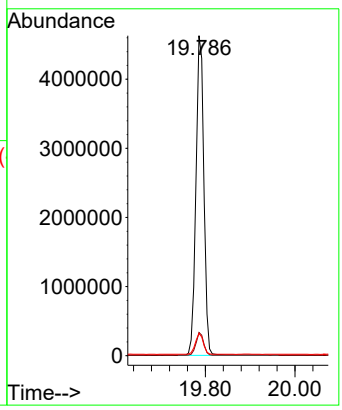


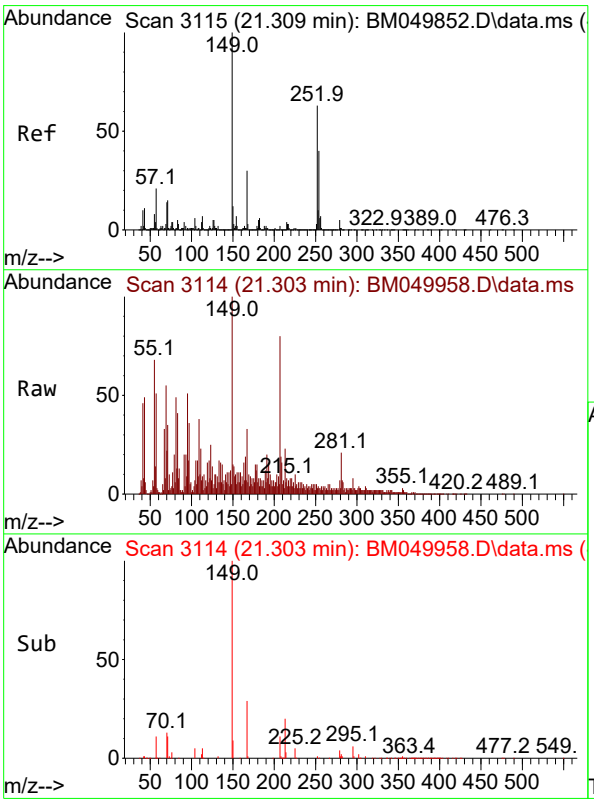
#79
Terphenyl-d14
Concen: 62.941 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Instrument :
BNA_M
ClientSampleId :
LAW-25-0060

Tgt Ion:244 Resp: 5658349

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	7.0	5.4	8.0

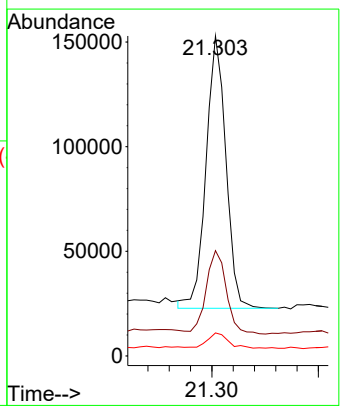


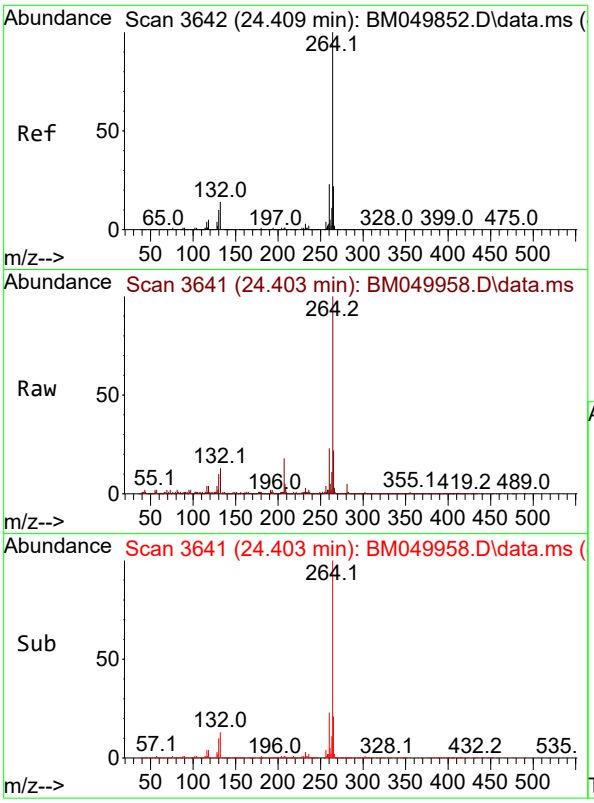


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.647 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Tgt Ion:149 Resp: 168262

Ion	Ratio	Lower	Upper
149	100		
167	32.9	23.8	35.6
279	7.2	3.8	5.8#



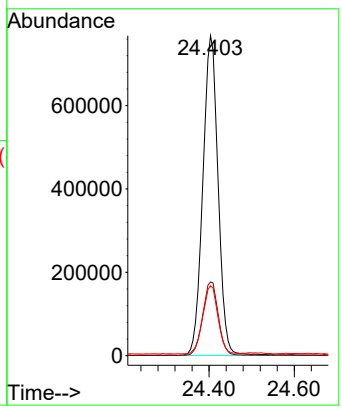


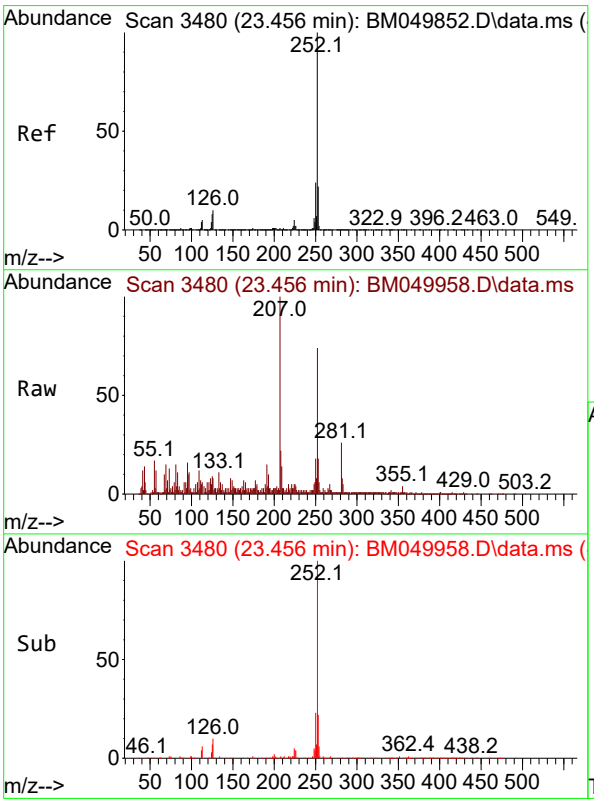
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Instrument :
BNA_M
ClientSampleId :
LAW-25-0060

Tgt Ion:264 Resp: 1907190

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.9	17.8	26.8





#88
Benzo(b)fluoranthene
Concen: 2.178 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.000 min
Lab File: BM049958.D
Acq: 16 Apr 2025 18:42

Tgt Ion:252 Resp: 265295

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	12.4	6.2	9.4#