Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Time: May 07 15:01:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.746	152	277291	20.000	ng		-0.02
21) Naphthalene-d8	10.540	136	994970	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	676090	20.000	ng		-0.02
64) Phenanthrene-d10	17.145	188	1357979	20.000	ng		-0.01
76) Chrysene-d12	21.392	240	1252372	20.000	ng		0.00
86) Perylene-d12	24.386	264	1282159	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1154676	72.917	ng		-0.02
7) Phenol-d6	6.940	99	906174	45.529	ng		-0.01
23) Nitrobenzene-d5	8.904	82	1712536	84.814	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	1605708	160.621	ng		-0.01
45) 2-Fluorobiphenyl	13.010	172	4624825	80.923	ng		-0.02
79) Terphenyl-d14	19.774	244	7828359	92.496	ng		0.00
Target Compounds							Qvalue
35) Caprolactam	11.516	113	646736	133.856	ng		96
54) 2,4-Dinitrophenol	14.404	184	66	5.752	ng	#	1
56) 4-Nitrophenol	14.651	139	67	4.542	ng	#	55
63) Azobenzene	15.757	77	99725	2.556	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
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Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
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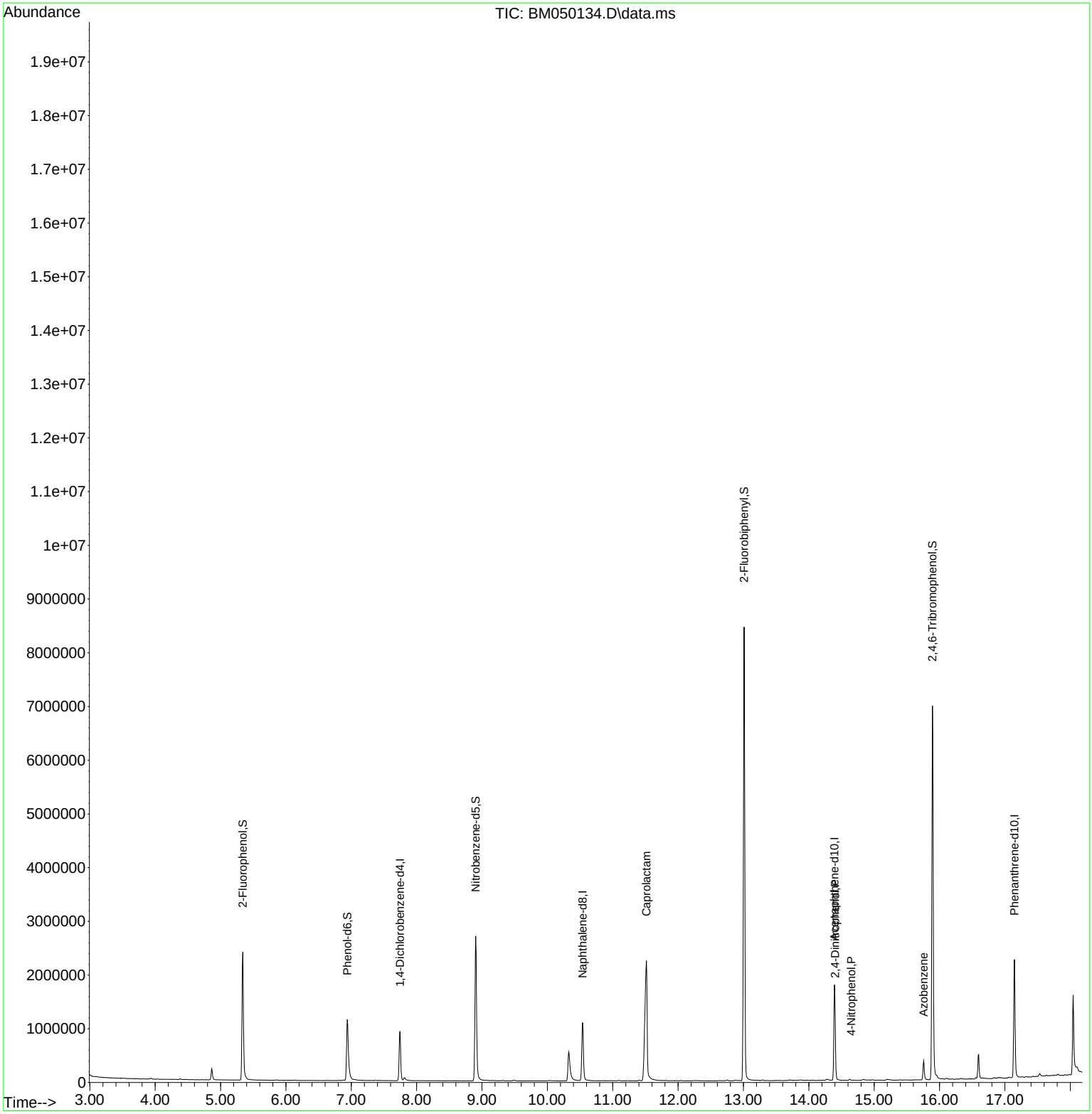

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
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Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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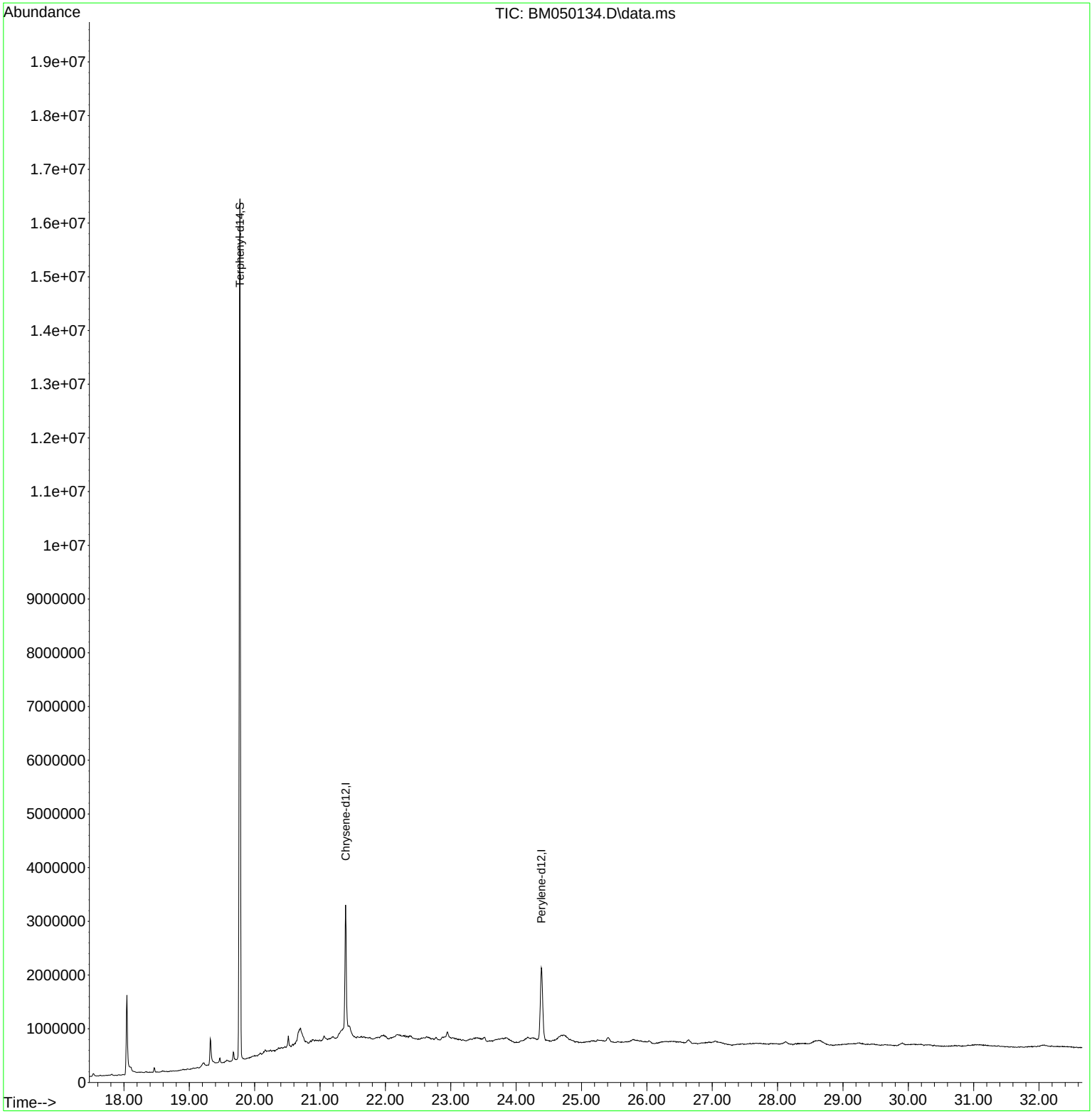
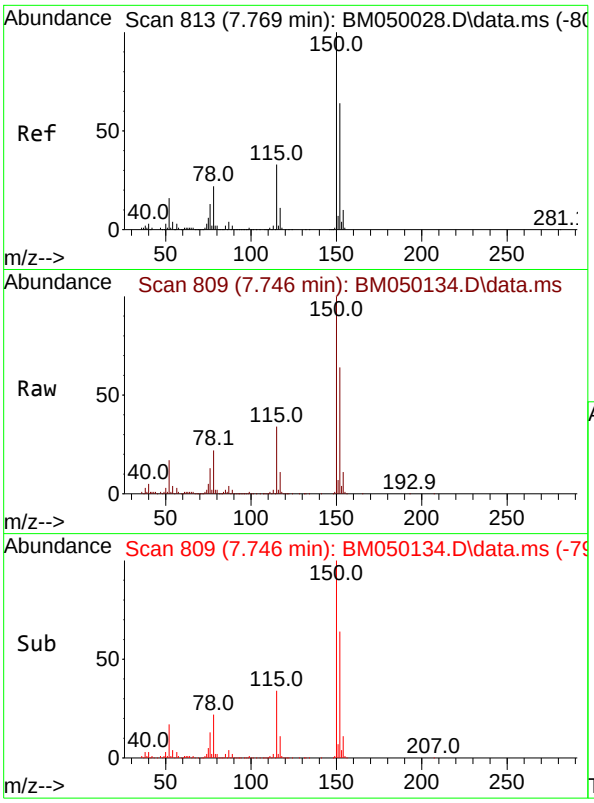
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



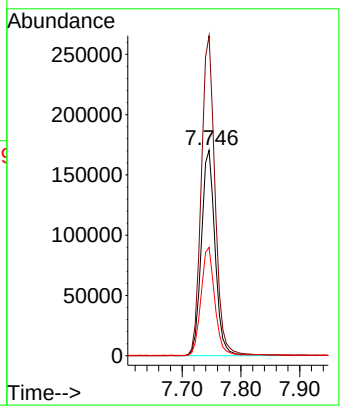


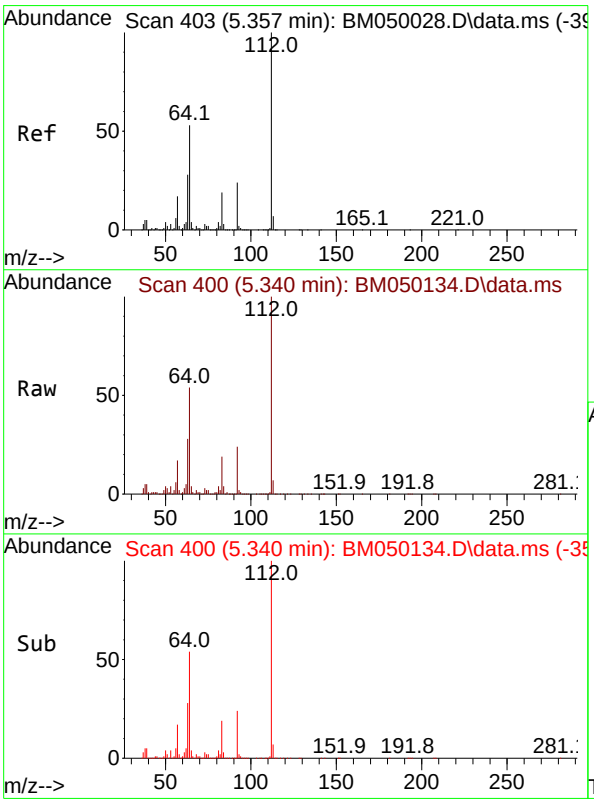
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Instrument :
BNA_M
ClientSampleId :
GB1W

Tgt Ion:152 Resp: 277291

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.1	186.1
115	52.7	41.2	61.8

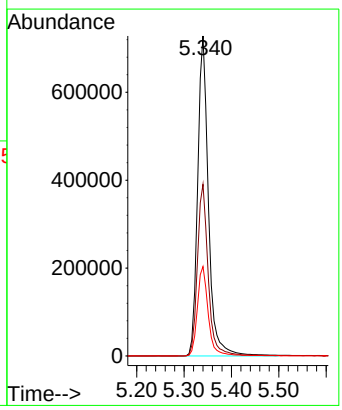


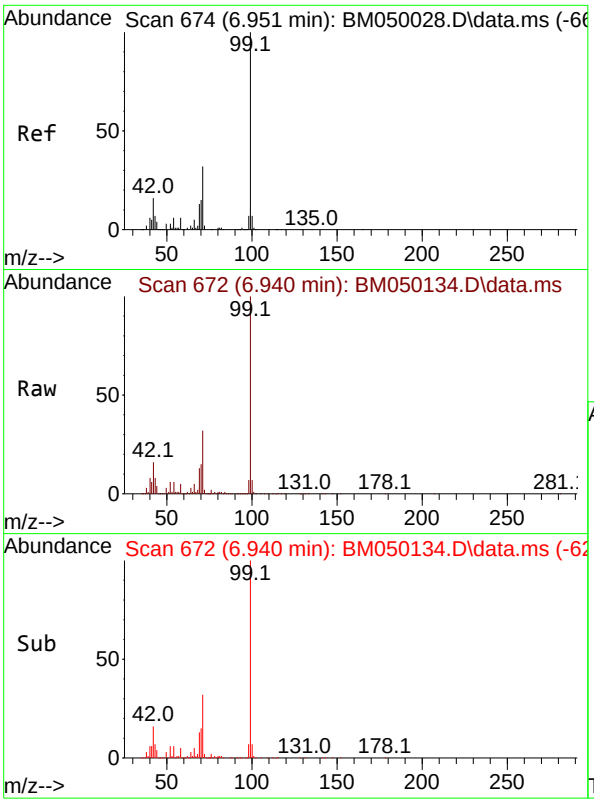


#5
2-Fluorophenol
Concen: 72.917 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.017 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:112 Resp: 1154676

Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.6	64.0
63	28.0	22.2	33.4



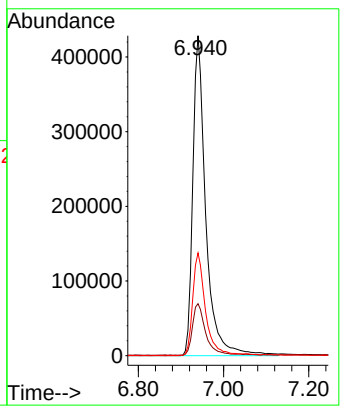


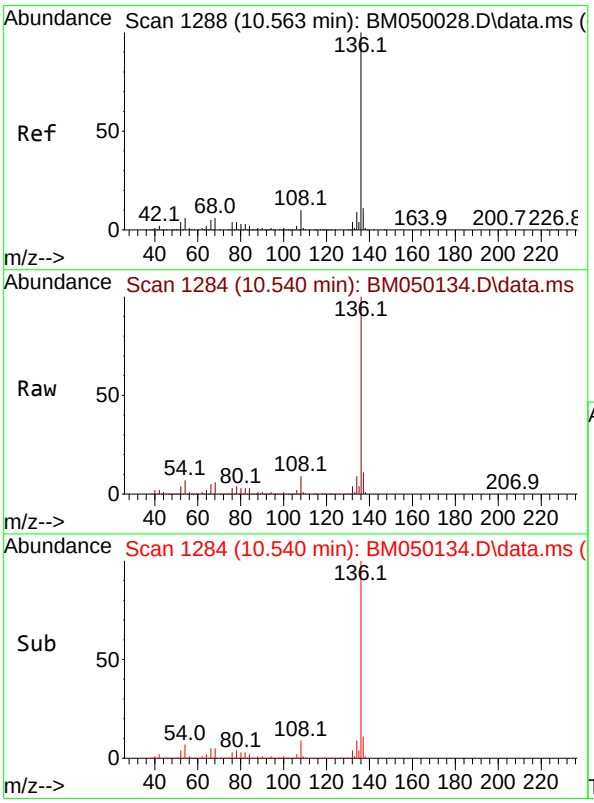
#7
Phenol-d6
Concen: 45.529 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Instrument :
BNA_M
ClientSampleId :
GB1W

Tgt Ion: 99 Resp: 906174

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.0	19.4
71	32.1	25.6	38.4

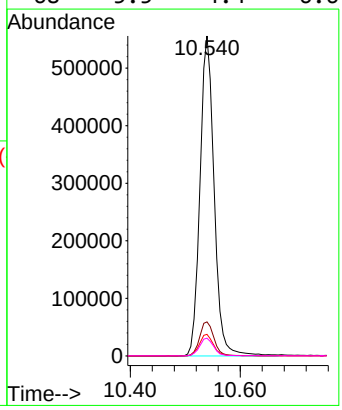


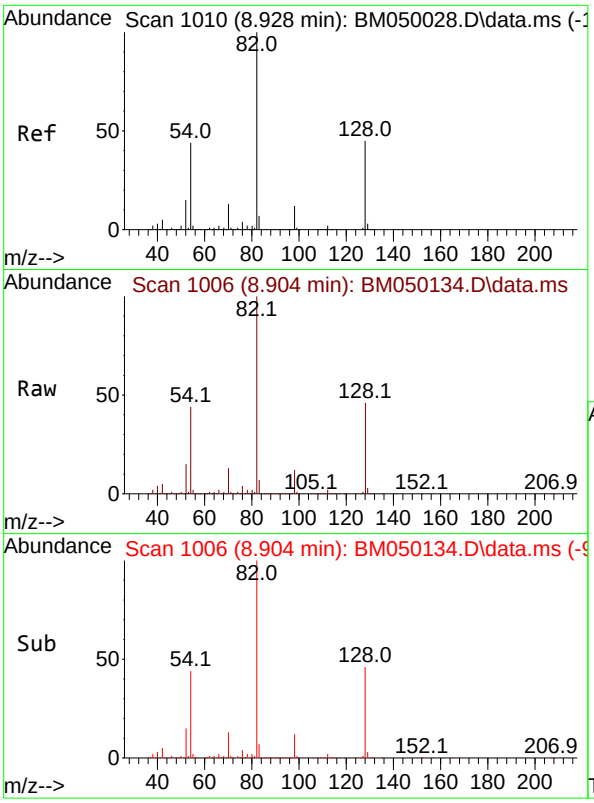


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:136 Resp: 994970

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.8	5.1	7.7
68	5.5	4.4	6.6



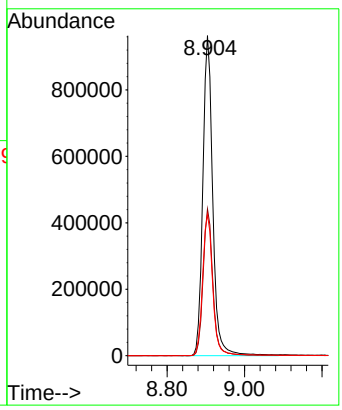


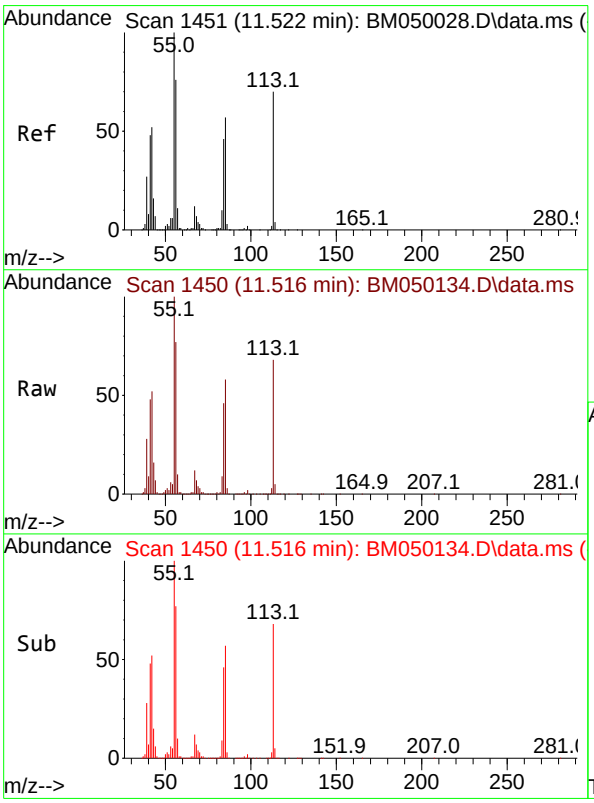
#23
Nitrobenzene-d5
Concen: 84.814 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Instrument :
BNA_M
ClientSampleId :
GB1W

Tgt Ion: 82 Resp: 1712536

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.7	53.5
54	44.1	35.4	53.2

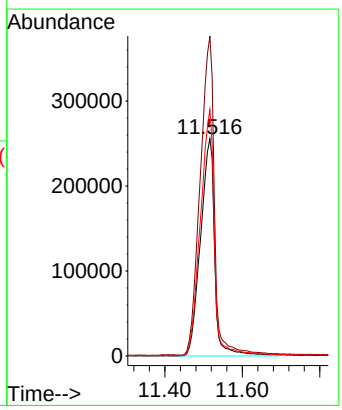


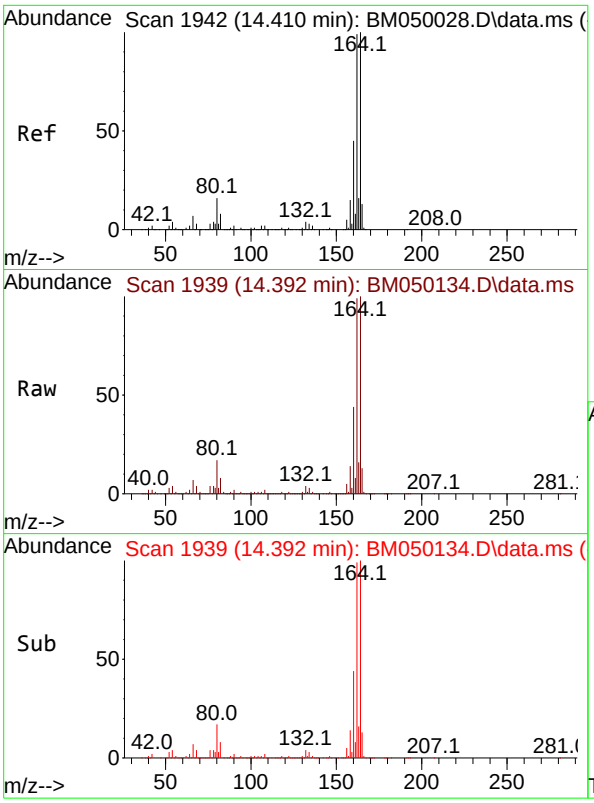


#35
Caprolactam
Concen: 133.856 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:113 Resp: 646736

Ion	Ratio	Lower	Upper
113	100		
55	147.2	122.9	162.9
56	113.3	88.1	128.1



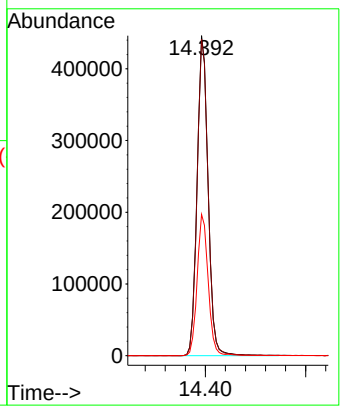


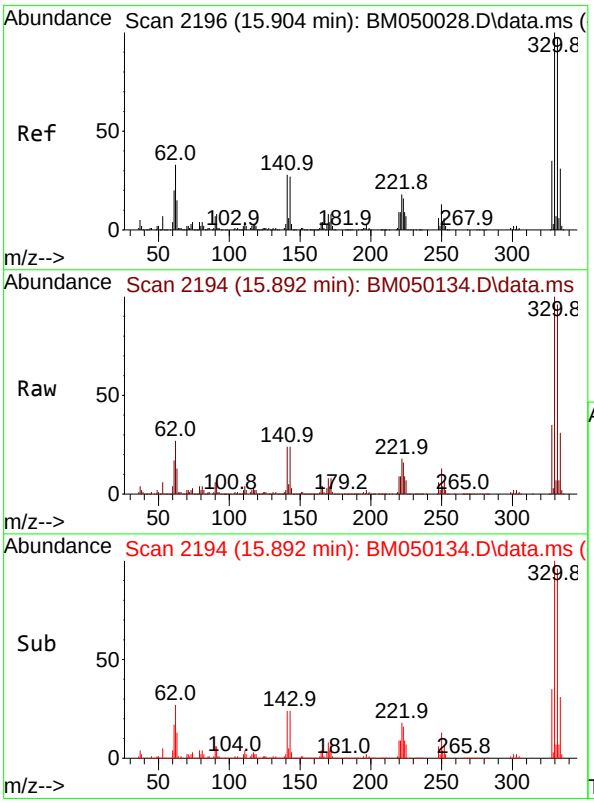
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Instrument :
BNA_M
ClientSampleId :
GB1W

Tgt Ion:164 Resp: 676090

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.4	119.0
160	44.1	36.2	54.4

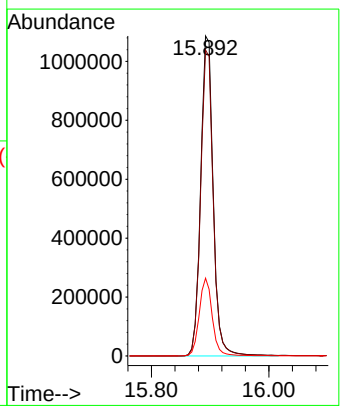


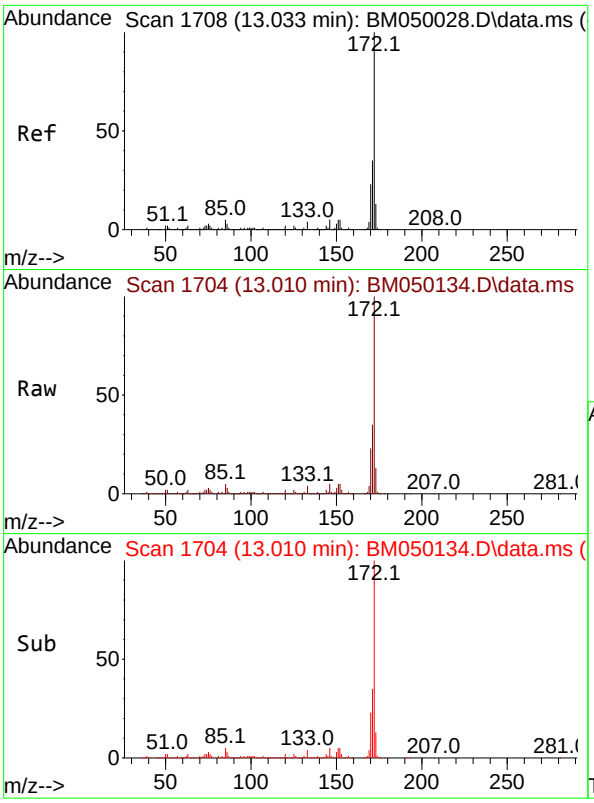


#42
2,4,6-Tribromophenol
Concen: 160.621 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:330 Resp: 1605708

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	25.2	22.5	33.7



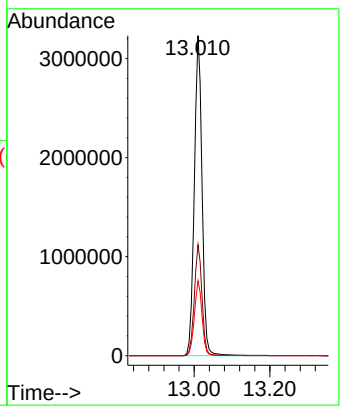


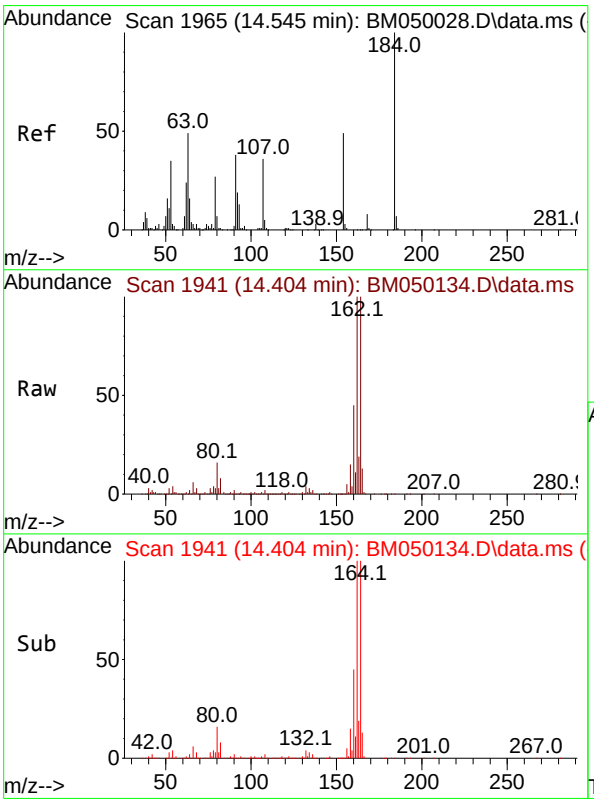
#45
2-Fluorobiphenyl
Concen: 80.923 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Instrument :
BNA_M
ClientSampleId :
GB1W

Tgt Ion:172 Resp: 4624825

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.4	18.6	28.0

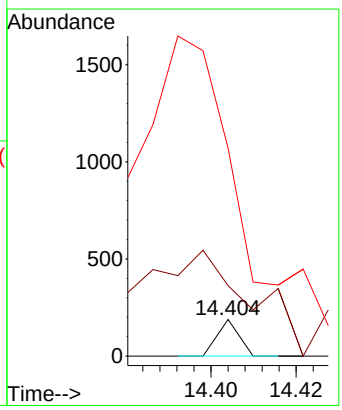


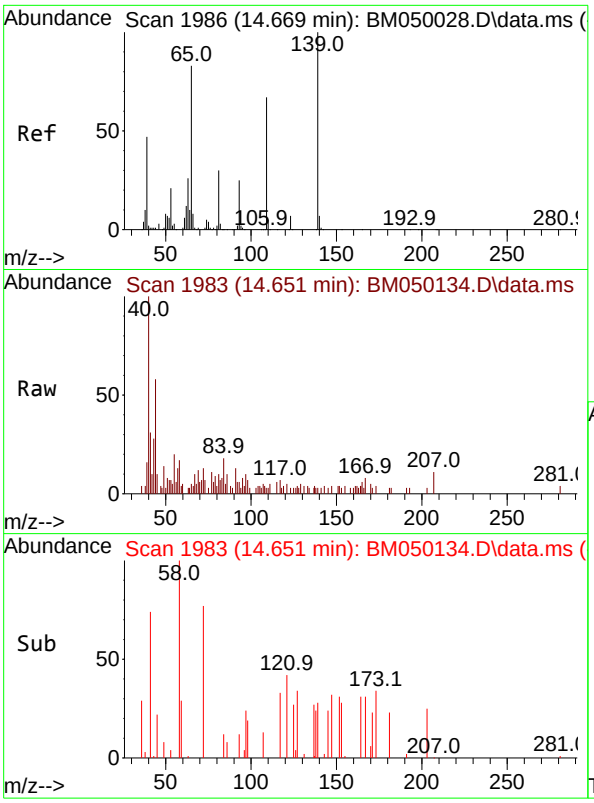


#54
2,4-Dinitrophenol
Concen: 5.752 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.141 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:184 Resp: 66

Ion	Ratio	Lower	Upper
184	100		
63	192.6	39.8	59.6#
154	569.1	46.1	69.1#



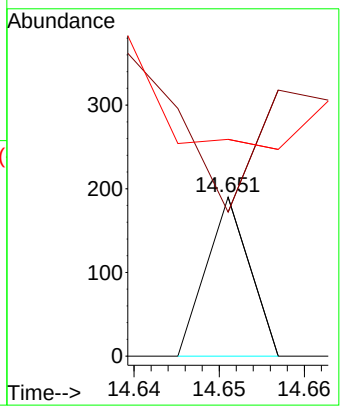


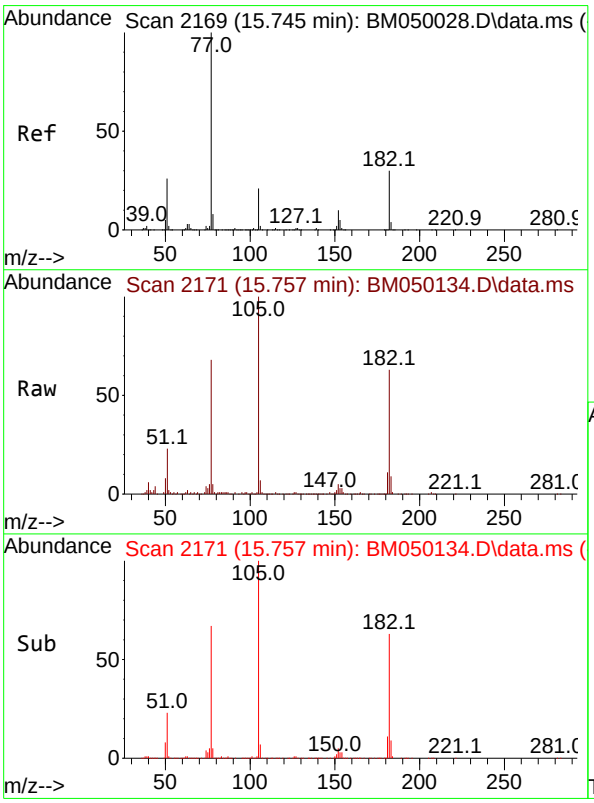
#56
4-Nitrophenol
Concen: 4.542 ng
RT: 14.651 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Instrument :
BNA_M
ClientSampleId :
GB1W

Tgt Ion:139 Resp: 67

Ion	Ratio	Lower	Upper
139	100		
109	90.5	47.0	87.0#
65	136.3	64.3	104.3#

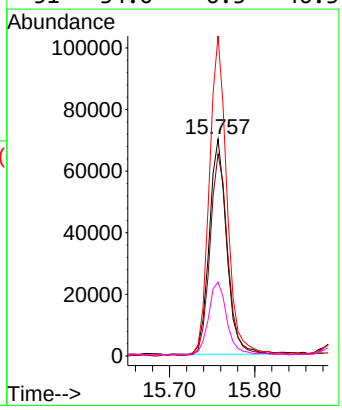


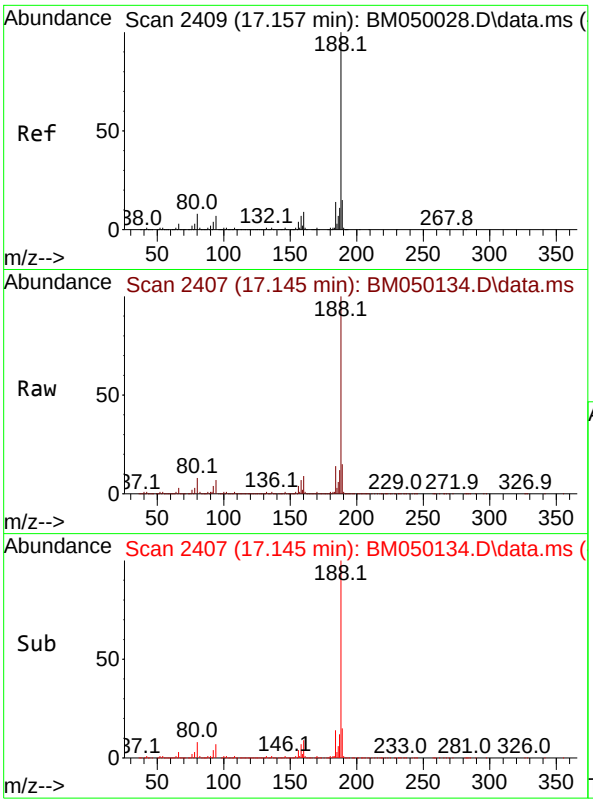


#63
Azobenzene
Concen: 2.556 ng
RT: 15.757 min Scan# 2171
Delta R.T. 0.012 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion: 77 Resp: 99725

Ion	Ratio	Lower	Upper
77	100		
182	93.1	10.5	50.5#
105	147.5	1.1	41.1#
51	34.0	6.3	46.3



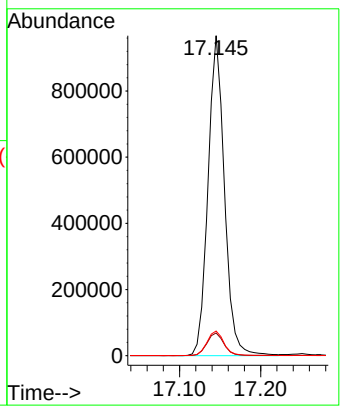


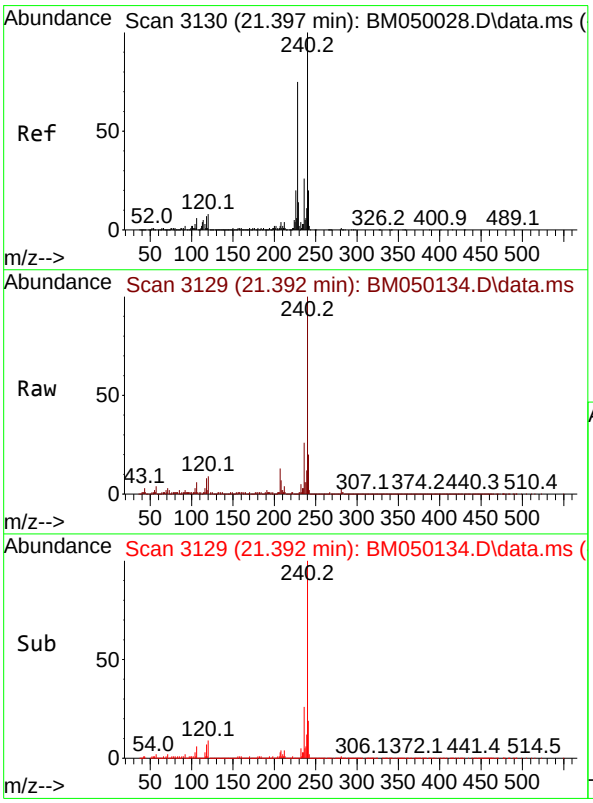
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Instrument :
BNA_M
ClientSampleId :
GB1W

Tgt Ion:188 Resp: 1357979

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.7	6.2	9.4

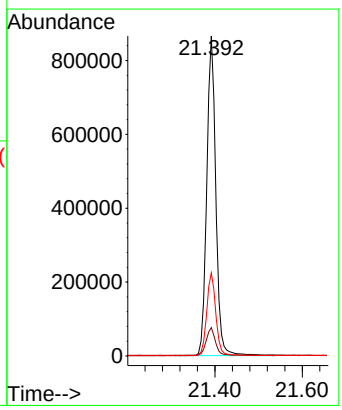


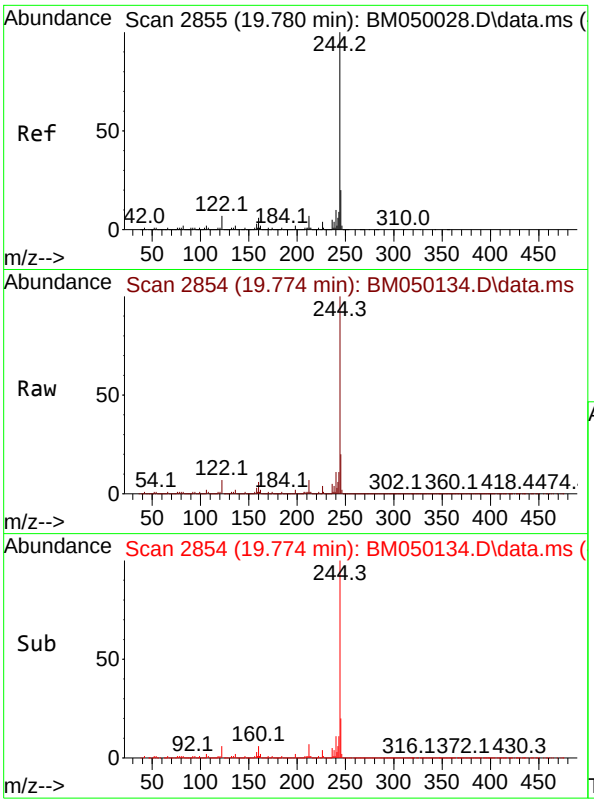


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:240 Resp: 1252372

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.5	9.7
236	25.9	20.9	31.3



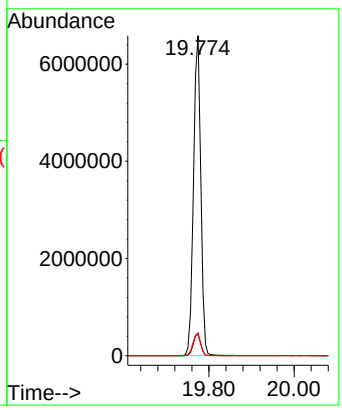


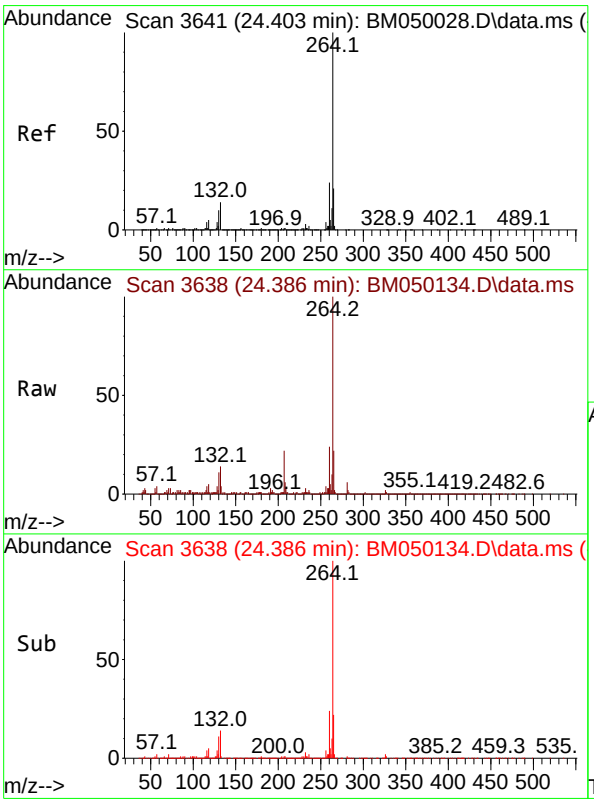
#79
Terphenyl-d14
Concen: 92.496 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Instrument :
BNA_M
ClientSampleId :
GB1W

Tgt Ion:244 Resp: 7828359

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.5	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 3638
Delta R.T. -0.017 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:264 Resp: 1282159

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.2	17.0	25.4