Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050274.D
Acq On : 10 Jun 2025 12:38
Operator : RC/JU
Sample : Q2202-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 10 13:12:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	334632	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1355551	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	770915	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1509253	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1638874	20.000	ng	-0.01
86) Perylene-d12	24.339	264	1724623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	202238	10.082	ng	0.00
7) Phenol-d6	6.928	99	150293	5.691	ng	0.00
23) Nitrobenzene-d5	8.910	82	242976	9.322	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	130318	14.862	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	562182	9.873	ng	-0.01
79) Terphenyl-d14	19.763	244	918863	10.625	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.881	79	39282	2.086	ng	# 1
18) Hexachloroethane	8.875	117	48297	5.196	ng	# 1
31) Naphthalene	10.604	128	5303692	75.675	ng	100
33) 4-Chloroaniline	10.604	127	678725	22.715	ng	# 32
37) 2-Methylnaphthalene	12.216	142	652389	15.430	ng	100
38) 1-Methylnaphthalene	12.434	142	2300363	51.261	ng	99
46) 1,1'-Biphenyl	13.228	154	241213	4.179	ng	97
52) Acenaphthene	14.457	154	388430	8.555	ng	96
58) Fluorene	15.439	166	159079	3.127	ng	98
71) Phenanthrene	17.175	178	429996	4.987	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
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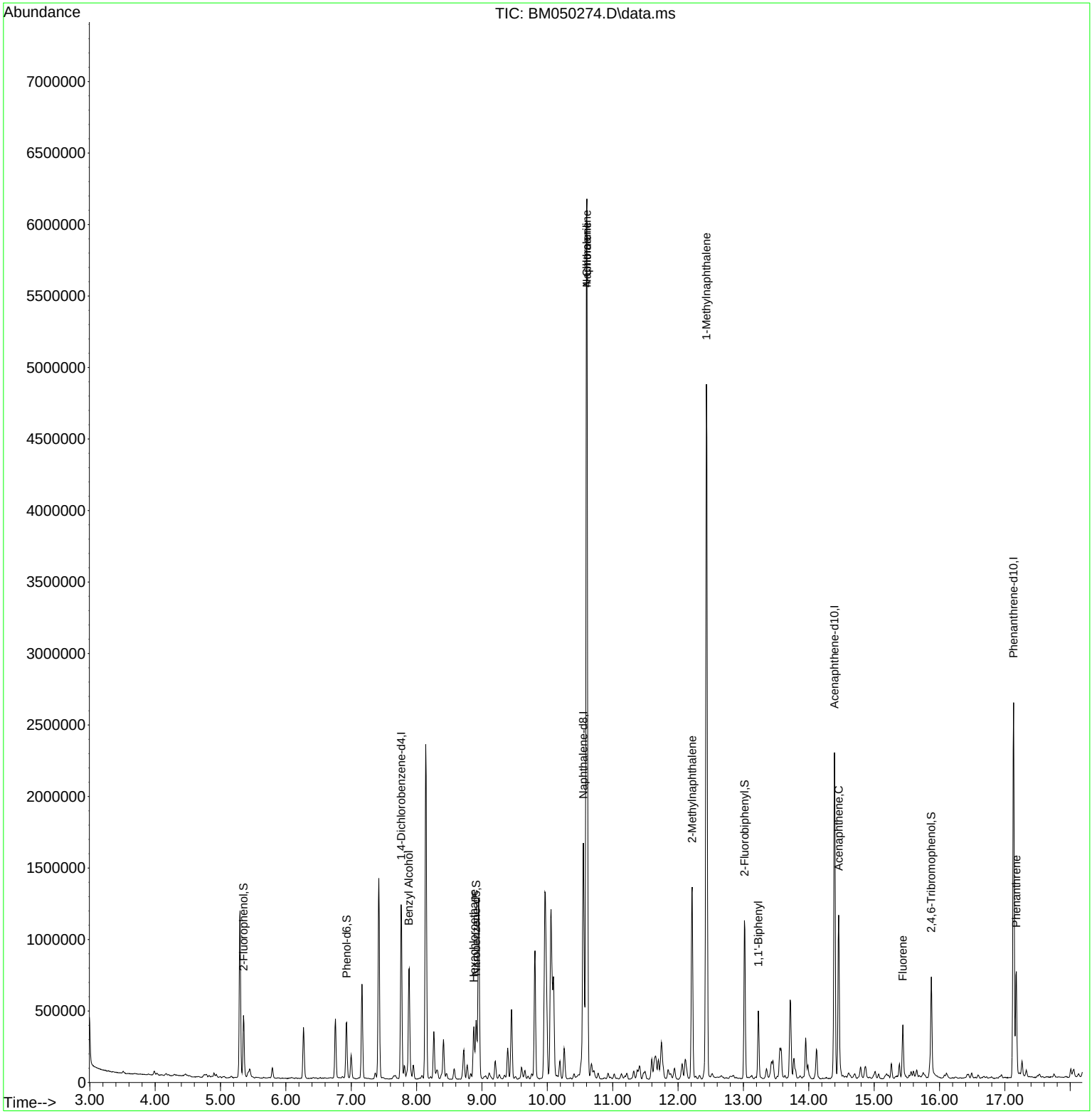
Acq On : 10 Jun 2025 12:38
Operator : RC/JU
Sample : Q2202-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

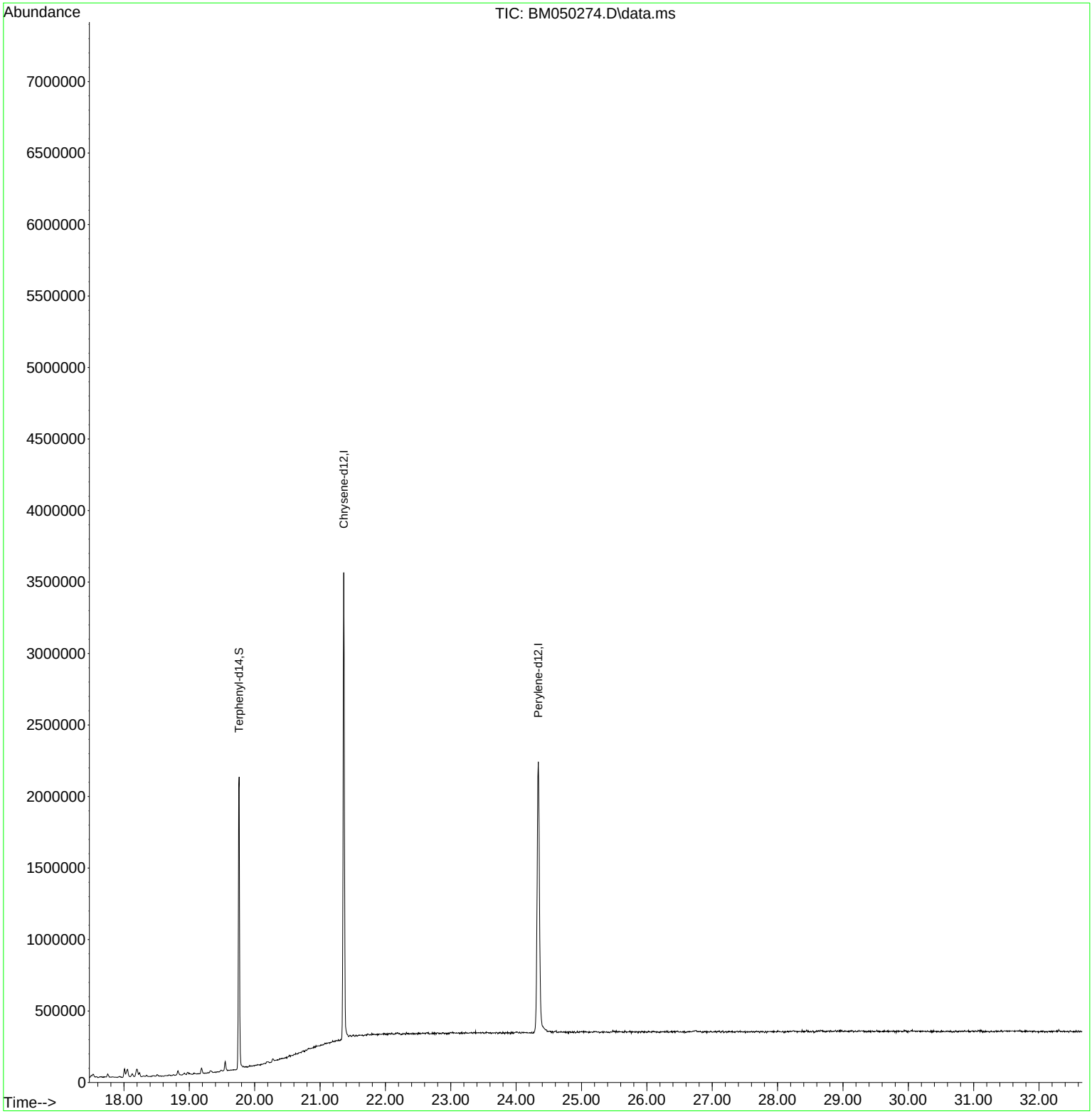
Quant Time: Jun 10 13:12:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

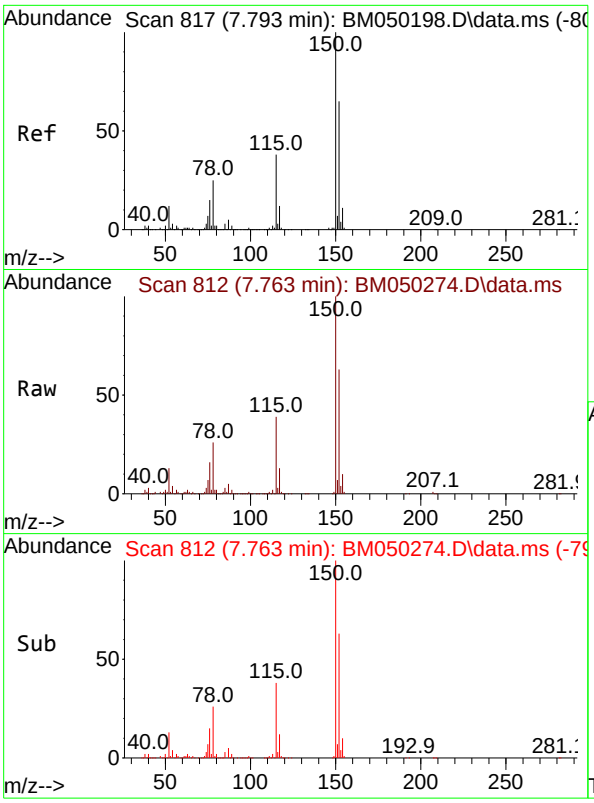


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050274.D
Acq On : 10 Jun 2025 12:38
Operator : RC/JU
Sample : Q2202-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 10 13:12:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



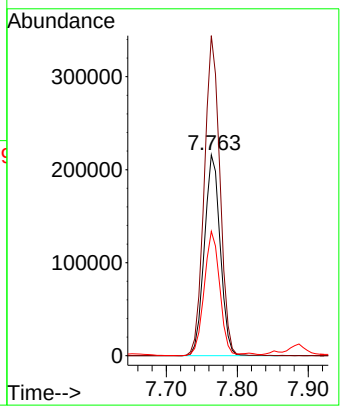


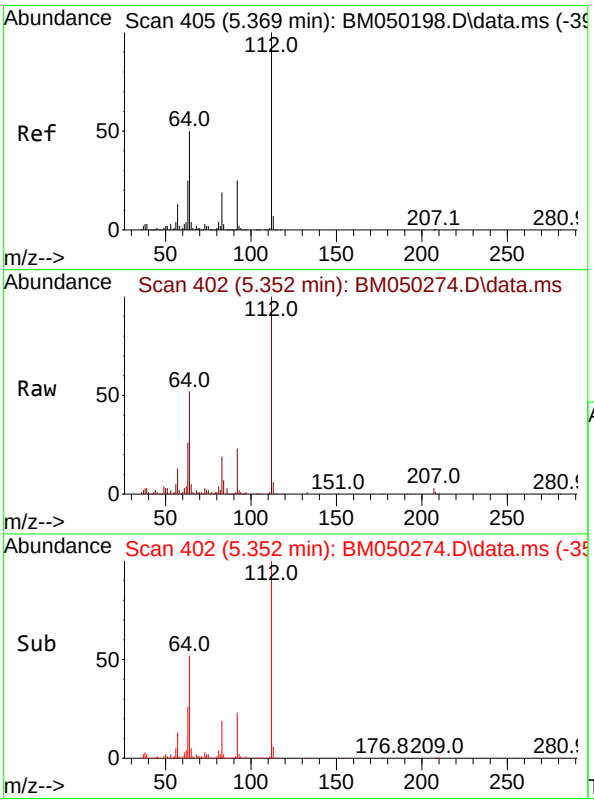
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 334632

Ion	Ratio	Lower	Upper
152	100		
150	159.4	122.2	183.4
115	61.9	46.3	69.5

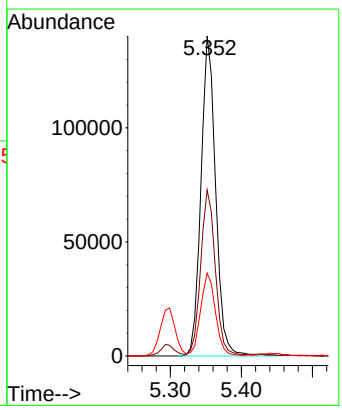


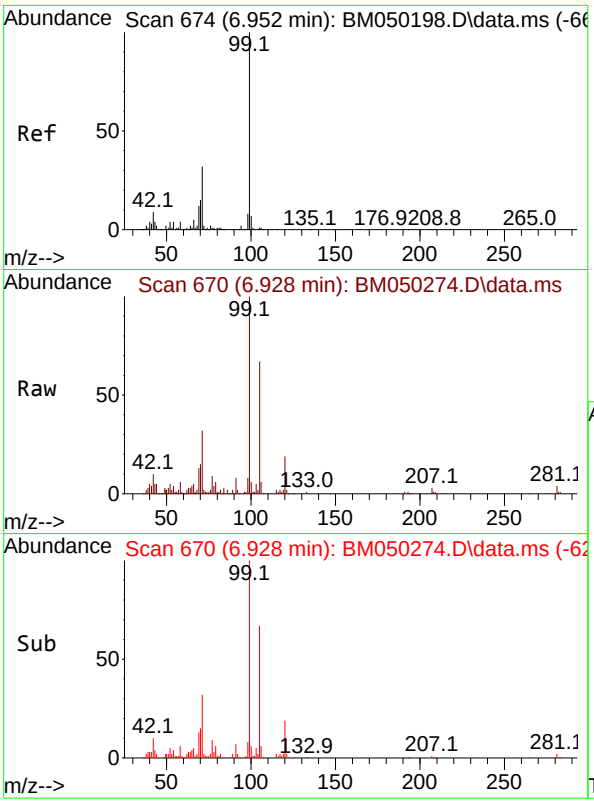


#5
2-Fluorophenol
Concen: 10.082 ng
RT: 5.352 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion:112 Resp: 202238

Ion	Ratio	Lower	Upper
112	100		
64	51.9	39.8	59.6
63	25.9	19.8	29.8



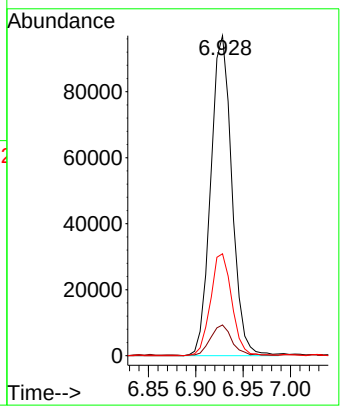


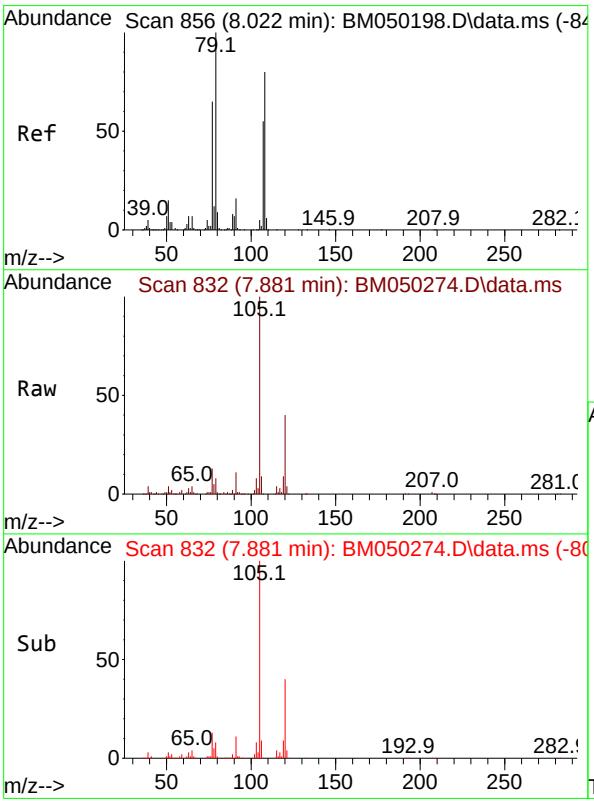
#7
Phenol-d6
Concen: 5.691 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 150293

Ion	Ratio	Lower	Upper
99	100		
42	9.6	6.9	10.3
71	31.9	25.3	37.9

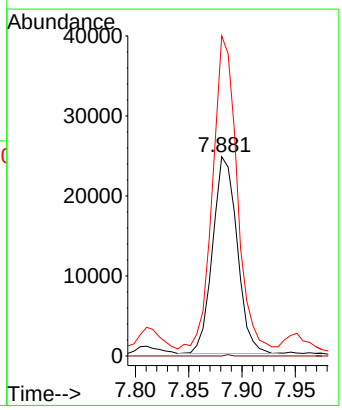


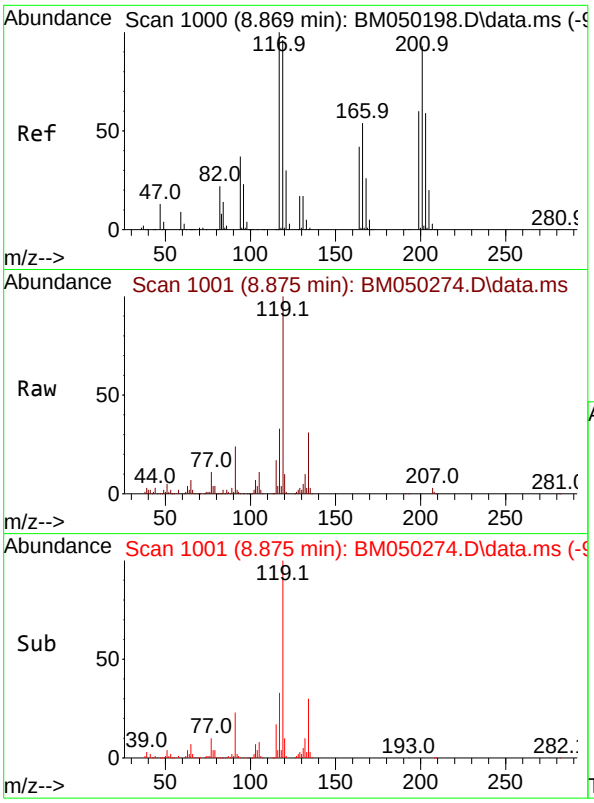


#15
Benzyl Alcohol
Concen: 2.086 ng
RT: 7.881 min Scan# 832
Delta R.T. -0.123 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion: 79 Resp: 39282

Ion	Ratio	Lower	Upper
79	100		
108	0.0	64.0	96.0#
77	160.6	52.2	78.2#



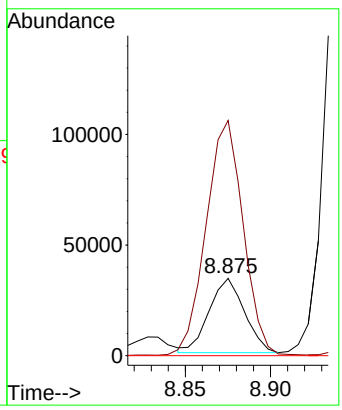


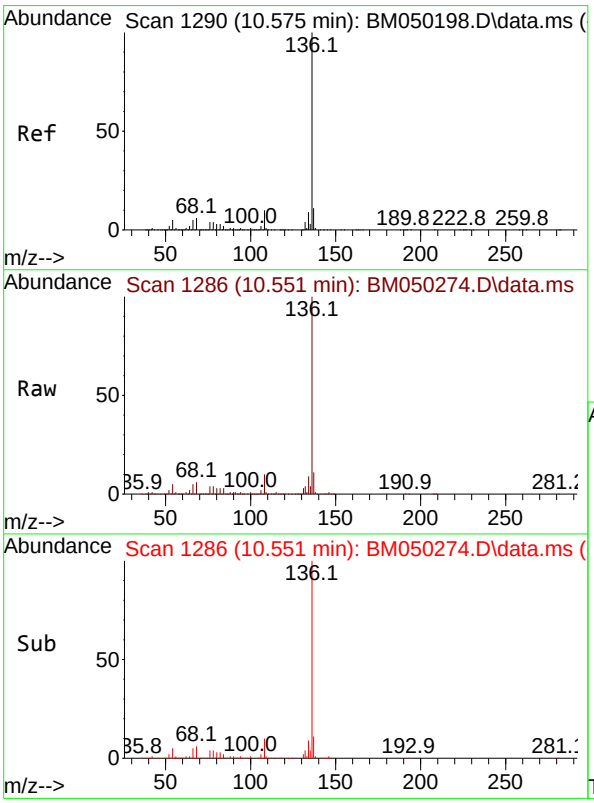
#18
Hexachloroethane
Concen: 5.196 ng
RT: 8.875 min Scan# 1(
Delta R.T. 0.024 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 48297

Ion	Ratio	Lower	Upper
117	100		
119	304.2	77.0	115.6#
201	0.0	74.6	111.8#

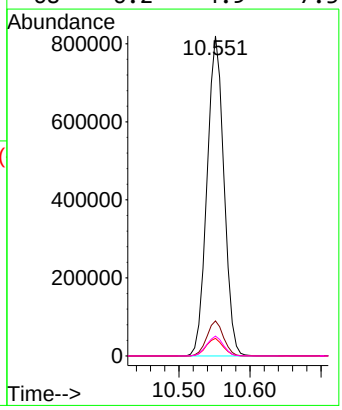


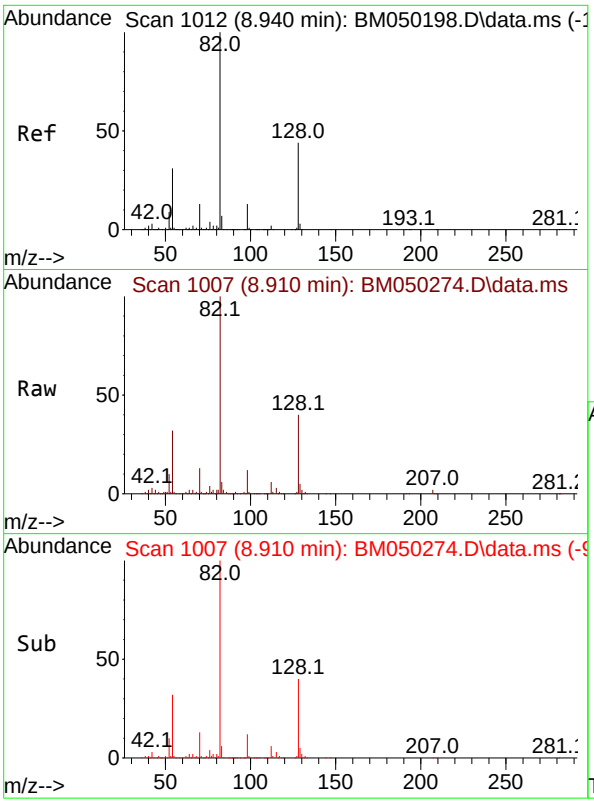


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion:136 Resp: 1355551

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.5	3.8	5.8
68	6.2	4.9	7.3



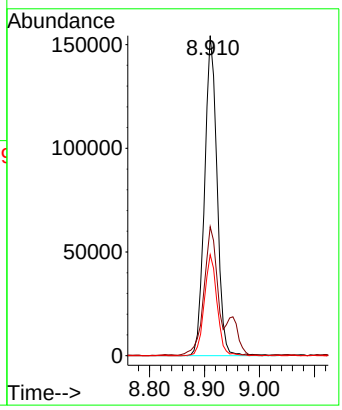


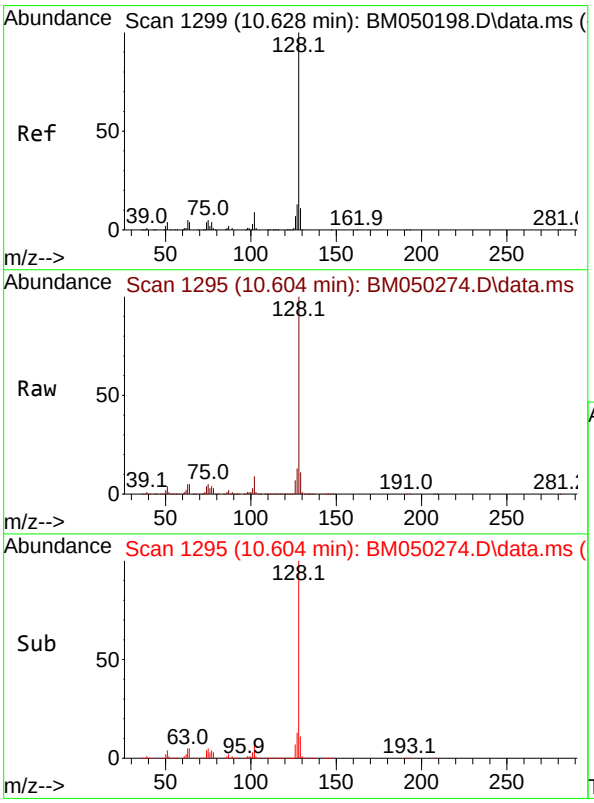
#23
Nitrobenzene-d5
Concen: 9.322 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 242976

Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.2	52.8
54	31.5	24.5	36.7

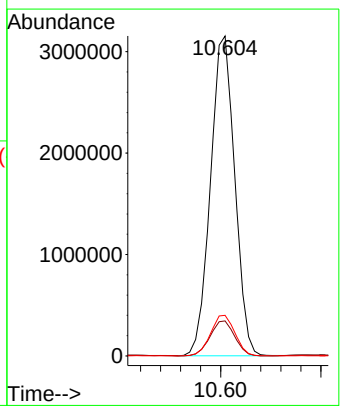


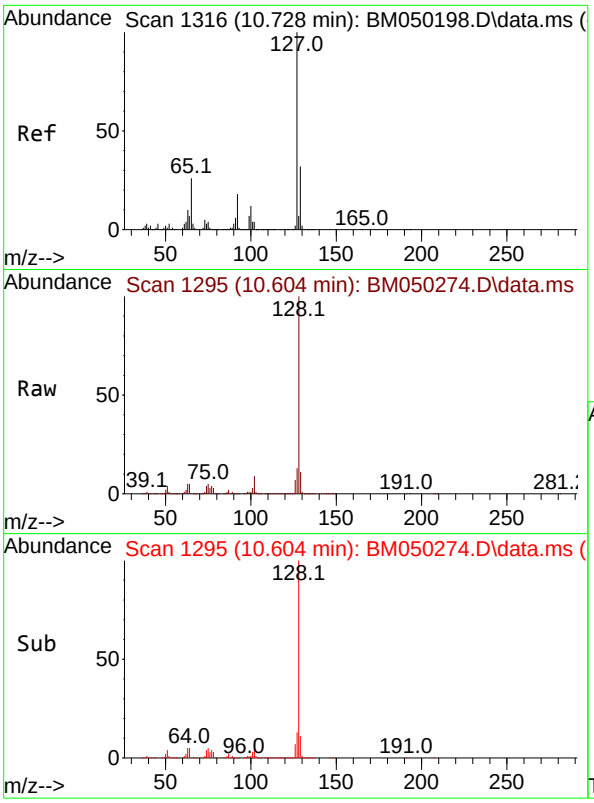


#31
Naphthalene
Concen: 75.675 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion:128 Resp: 5303692

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.7	10.2	15.4



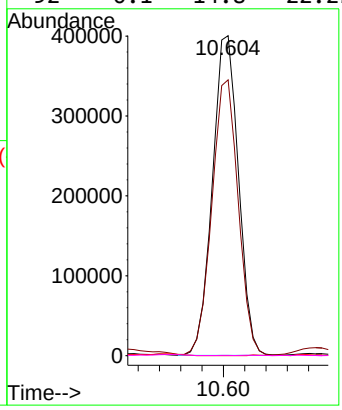


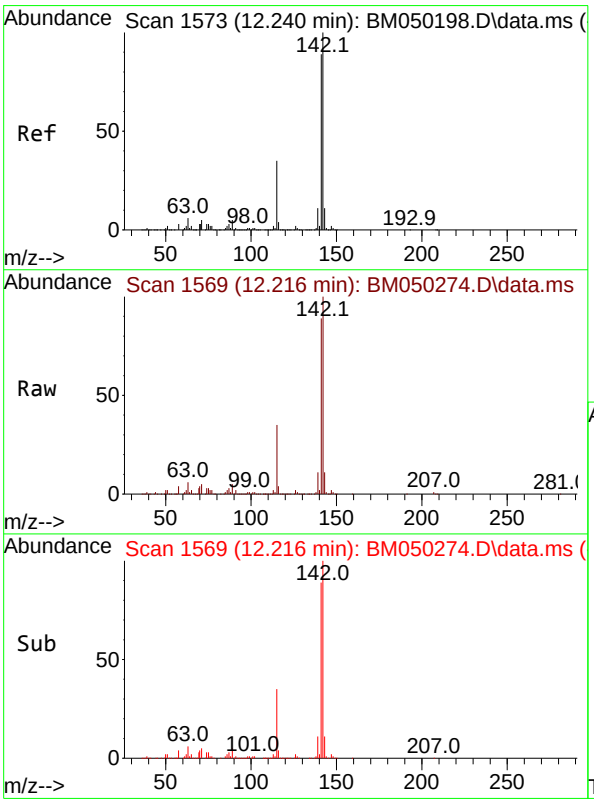
#33
4-Chloroaniline
Concen: 22.715 ng
RT: 10.604 min Scan# 1
Delta R.T. -0.106 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 678725

Ion	Ratio	Lower	Upper
127	100		
129	86.2	25.4	38.0#
65	0.0	21.0	31.4#
92	0.1	14.8	22.2#

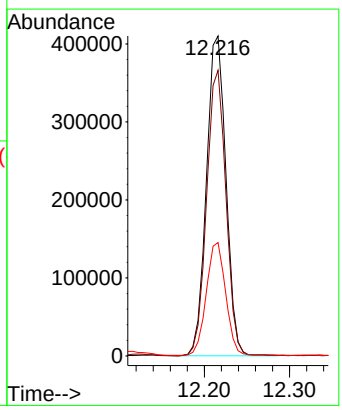


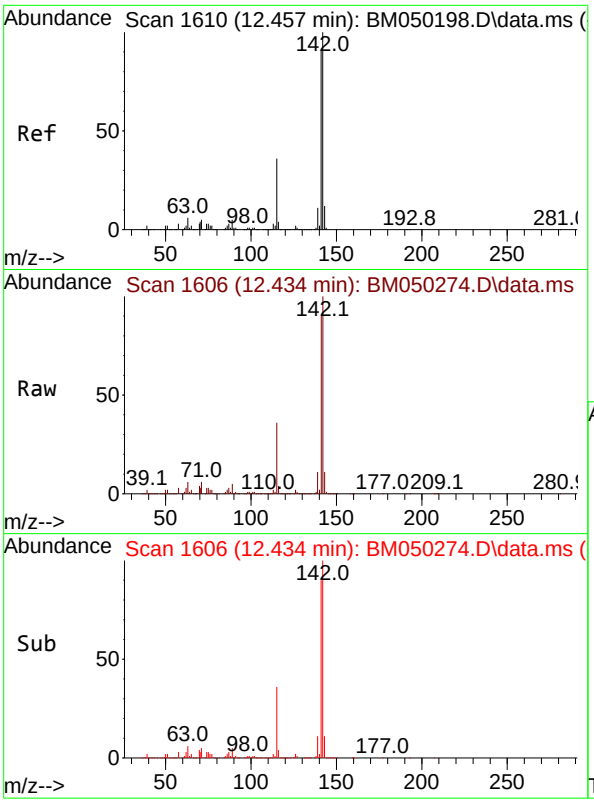


#37
2-Methylnaphthalene
Concen: 15.430 ng
RT: 12.216 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion:142 Resp: 652389

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.5	107.3
115	35.4	27.8	41.8



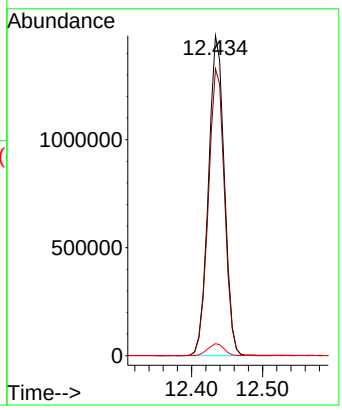


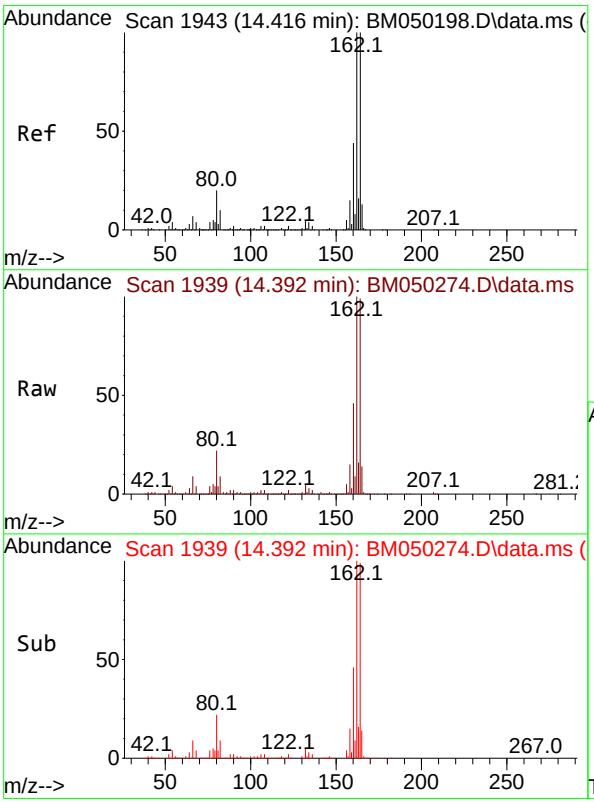
#38
1-Methylnaphthalene
Concen: 51.261 ng
RT: 12.434 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 2300363

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.9	109.3
116	3.7	3.0	4.6

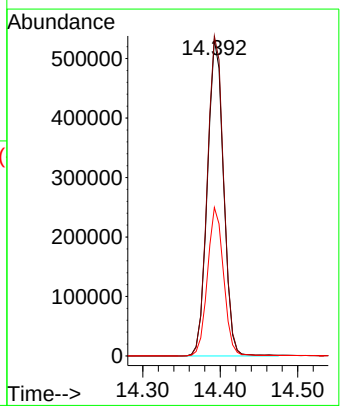


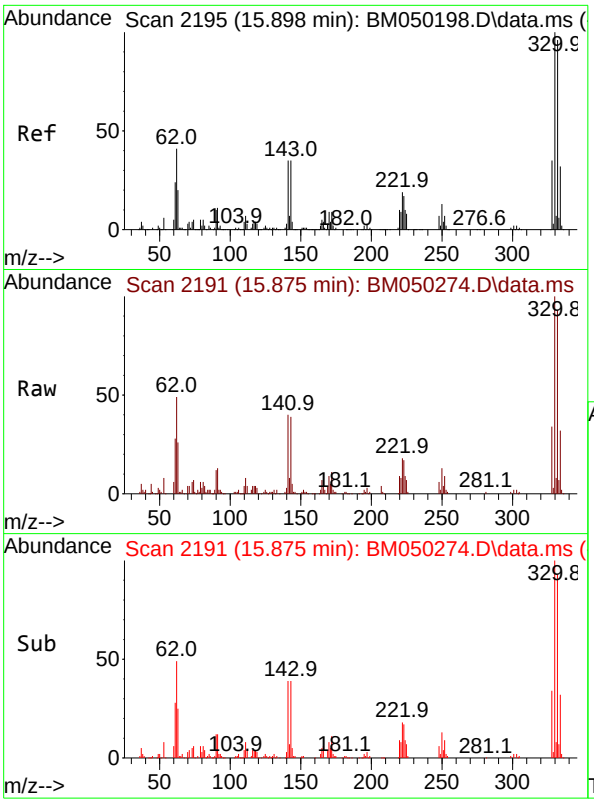


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion:164 Resp: 770915

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.4
160	47.0	35.7	53.5



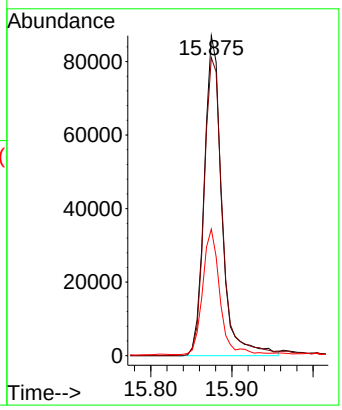


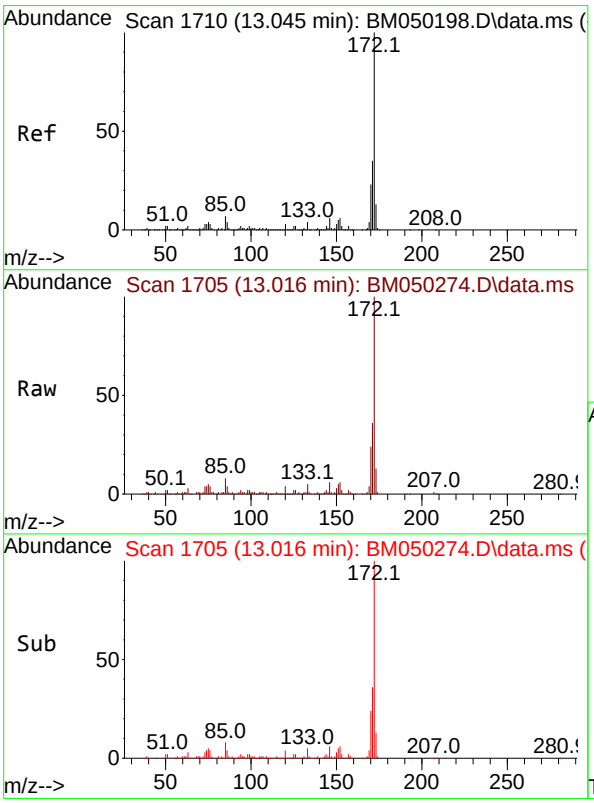
#42
2,4,6-Tribromophenol
Concen: 14.862 ng
RT: 15.875 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 130318

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.5	116.3
141	38.3	28.8	43.2

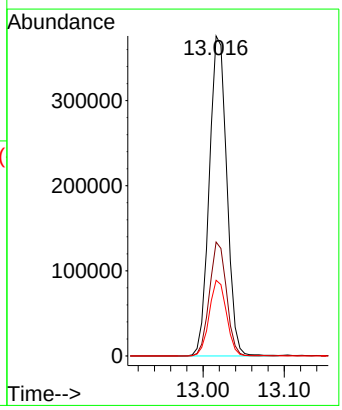


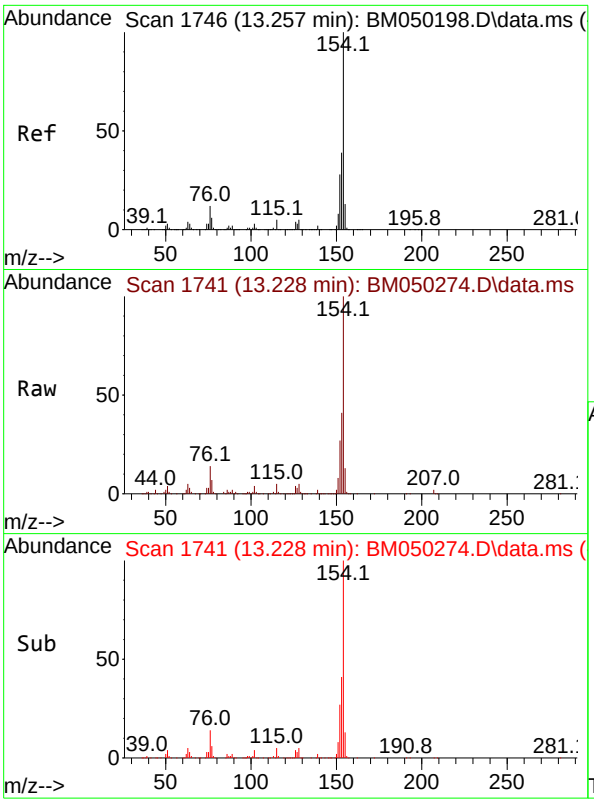


#45
2-Fluorobiphenyl
Concen: 9.873 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion:172 Resp: 562182

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	23.7	18.6	27.8



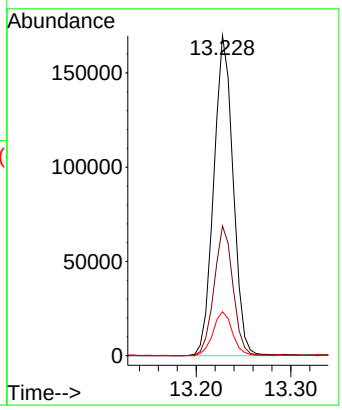


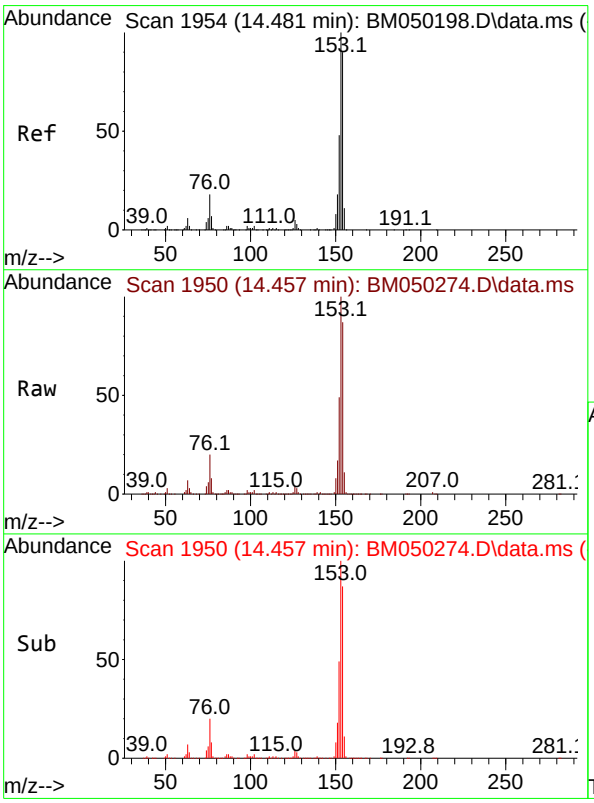
#46
1,1'-Biphenyl
Concen: 4.179 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 241213

Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.2	59.2
76	13.8	0.0	32.0

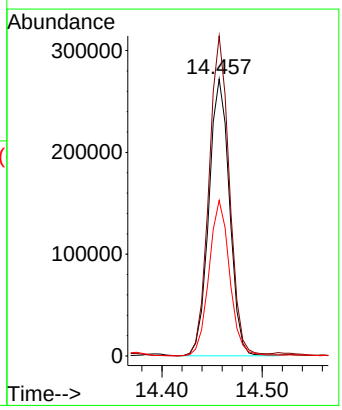


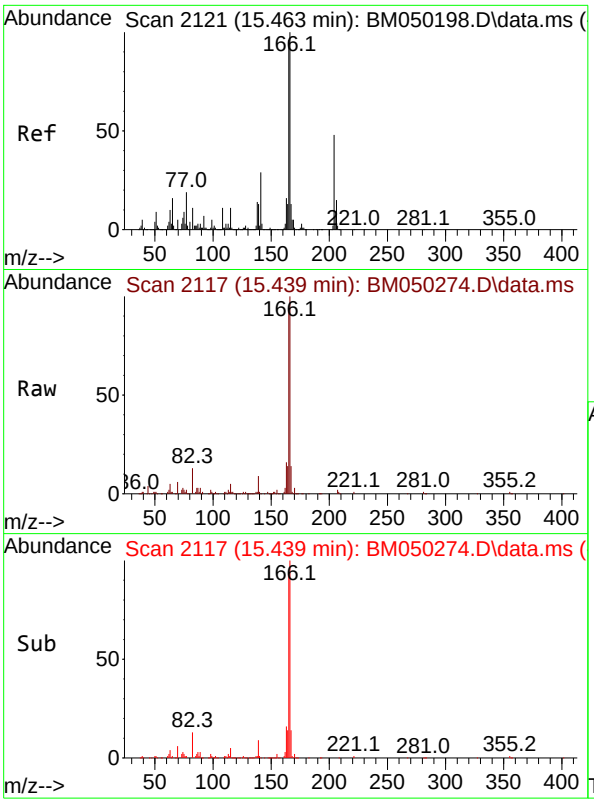


#52
Acenaphthene
Concen: 8.555 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion:154 Resp: 388430

Ion	Ratio	Lower	Upper
154	100		
153	115.5	88.7	133.1
152	56.2	42.6	63.8



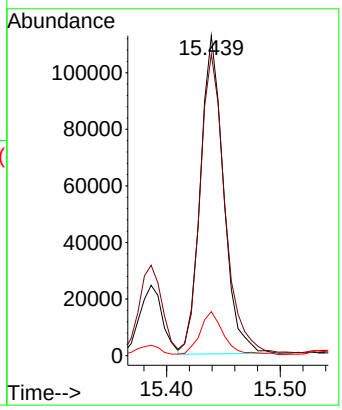


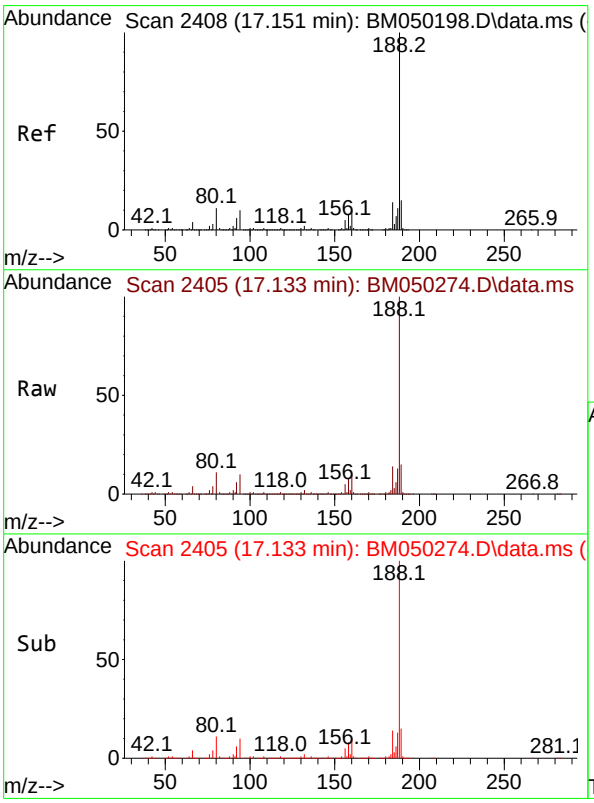
#58
Fluorene
Concen: 3.127 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 159079

Ion	Ratio	Lower	Upper
166	100		
165	94.2	77.0	115.4
167	13.8	10.7	16.1

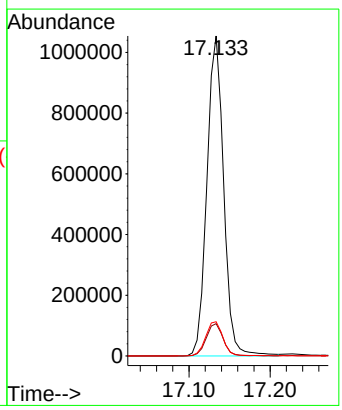


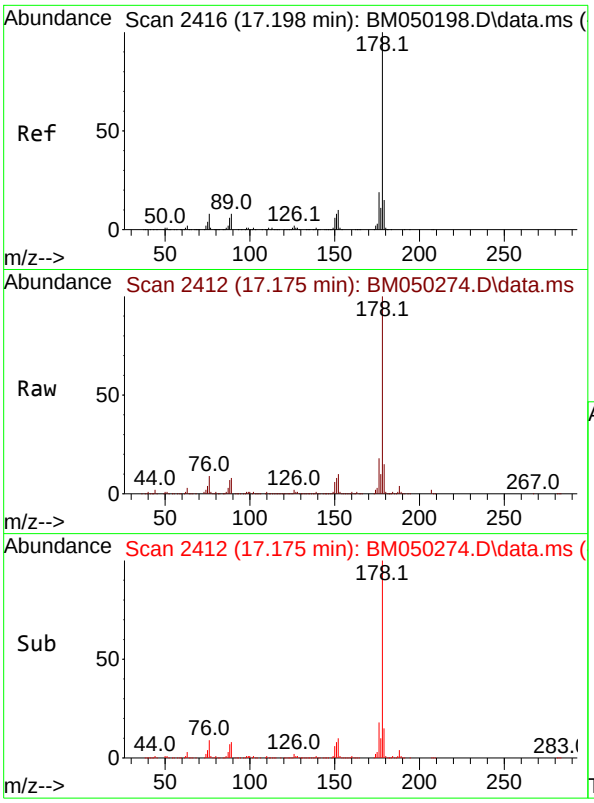


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion:188 Resp: 1509253

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.7	8.6	13.0



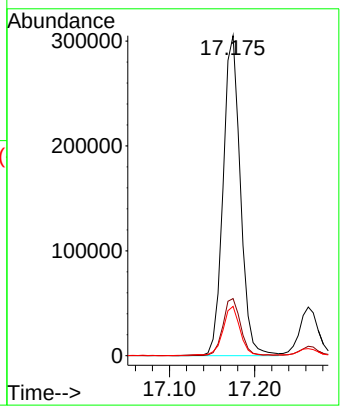


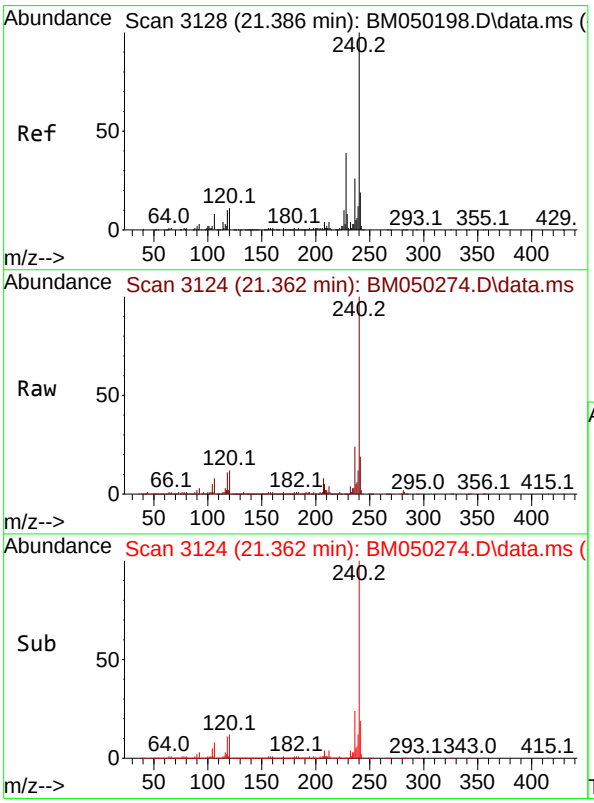
#71
Phenanthrene
Concen: 4.987 ng
RT: 17.175 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 429996

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.6	23.4
179	15.4	12.3	18.5

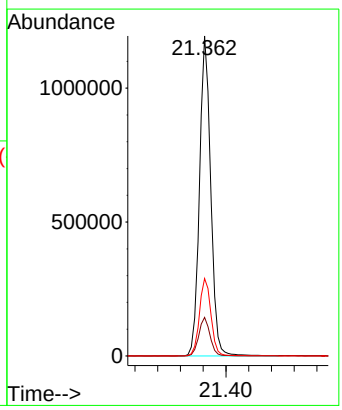


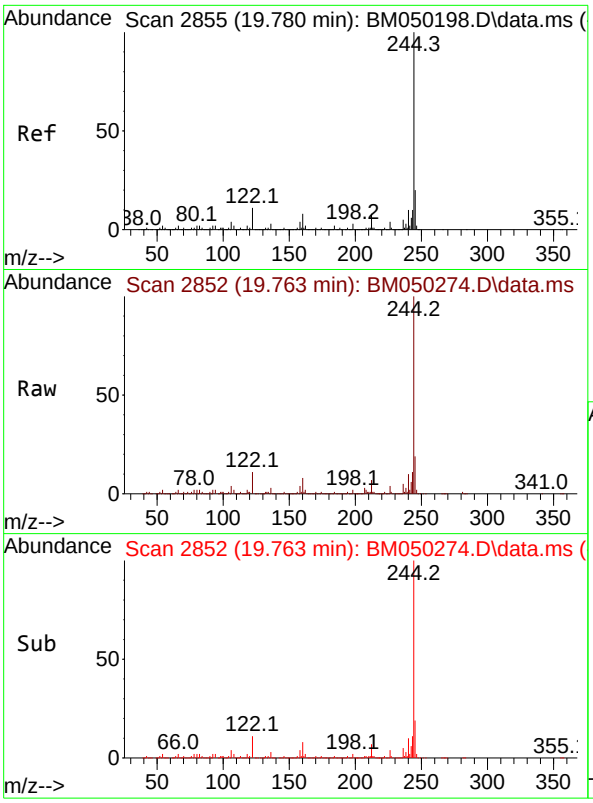


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion:240 Resp: 1638874

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.0	13.4
236	24.2	20.7	31.1



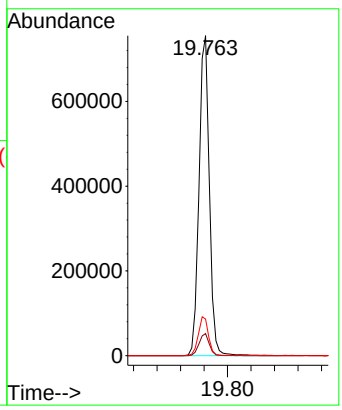


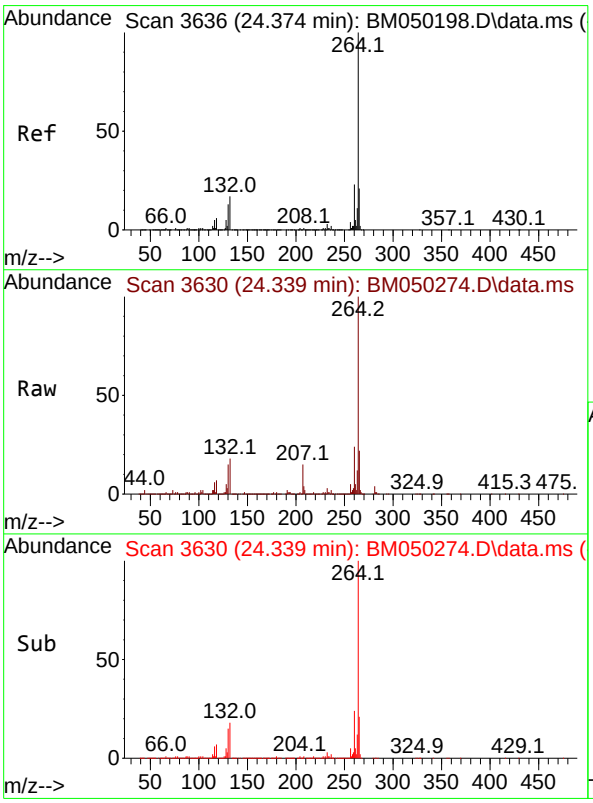
#79
Terphenyl-d14
Concen: 10.625 ng
RT: 19.763 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 918863

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.5	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.339 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BM050274.D
Acq: 10 Jun 2025 12:38

Tgt Ion:264 Resp: 1724623

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.8	16.8	25.2