Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
Data File : BM043905.D
Acq On : 25 Jan 2024 16:06
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Quant Time: Jan 26 00:39:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 00:26:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	264879	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1077081	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	623535	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1278089	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1246991	20.000	ng	0.00
86) Perylene-d12	23.933	264	1366509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1415078	86.311	ng	0.00
7) Phenol-d6	7.087	99	1811094	85.085	ng	0.00
23) Nitrobenzene-d5	9.092	82	1763902	87.698	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	632661	87.233	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	4004243	83.423	ng	0.00
79) Terphenyl-d14	19.962	244	6259343	85.636	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	312021	41.234	ng	99
3) Pyridine	3.787	79	773589	41.895	ng	99
4) n-Nitrosodimethylamine	3.710	42	363617	40.826	ng	95
6) Aniline	7.251	93	1069195	41.408	ng	99
8) 2-Chlorophenol	7.481	128	750543	43.368	ng	98
9) Benzaldehyde	7.069	77	463749	42.754	ng	100
10) Phenol	7.110	94	956400	42.508	ng	100
11) bis(2-Chloroethyl)ether	7.357	93	764441	41.406	ng	99
12) 1,3-Dichlorobenzene	7.804	146	848410	41.082	ng	99
13) 1,4-Dichlorobenzene	7.957	146	861157	41.047	ng	100
14) 1,2-Dichlorobenzene	8.269	146	826397	41.121	ng	98
15) Benzyl Alcohol	8.169	79	656111	42.841	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1172071	41.311	ng	100
17) 2-Methylphenol	8.363	107	604412	42.090	ng	100
18) Hexachloroethane	8.998	117	322344	42.581	ng	98
19) n-Nitroso-di-n-propyla...	8.739	70	627242	41.492	ng	100
20) 3+4-Methylphenols	8.698	107	817700	43.039	ng	99
22) Acetophenone	8.751	105	1183258	41.126	ng	100
24) Nitrobenzene	9.133	77	840632	42.890	ng	98
25) Isophorone	9.657	82	1638374	41.478	ng	100
26) 2-Nitrophenol	9.845	139	300400	43.032	ng	99
27) 2,4-Dimethylphenol	9.904	122	551050	42.909	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	1004236	41.617	ng	99
29) 2,4-Dichlorophenol	10.375	162	656937	44.260	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	758739	41.027	ng	99
31) Naphthalene	10.780	128	2369119	40.926	ng	100
32) Benzoic acid	10.028	122	281618	46.427	ng	97
33) 4-Chloroaniline	10.892	127	980984	40.760	ng	98
34) Hexachlorobutadiene	11.051	225	439629	41.341	ng	99
35) Caprolactam	11.675	113	218700	45.033	ng	97
36) 4-Chloro-3-methylphenol	12.016	107	684759	43.309	ng	98
37) 2-Methylnaphthalene	12.392	142	1644249	41.026	ng	99
38) 1-Methylnaphthalene	12.610	142	1522228	40.834	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	838966	41.816	ng	100
41) Hexachlorocyclopentadiene	12.727	237	335446	45.852	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	495012	46.183	ng	97

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
Data File : BM043905.D
Acq On : 25 Jan 2024 16:06
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Quant Time: Jan 26 00:39:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 00:26:01 2024
Response via : Initial Calibration

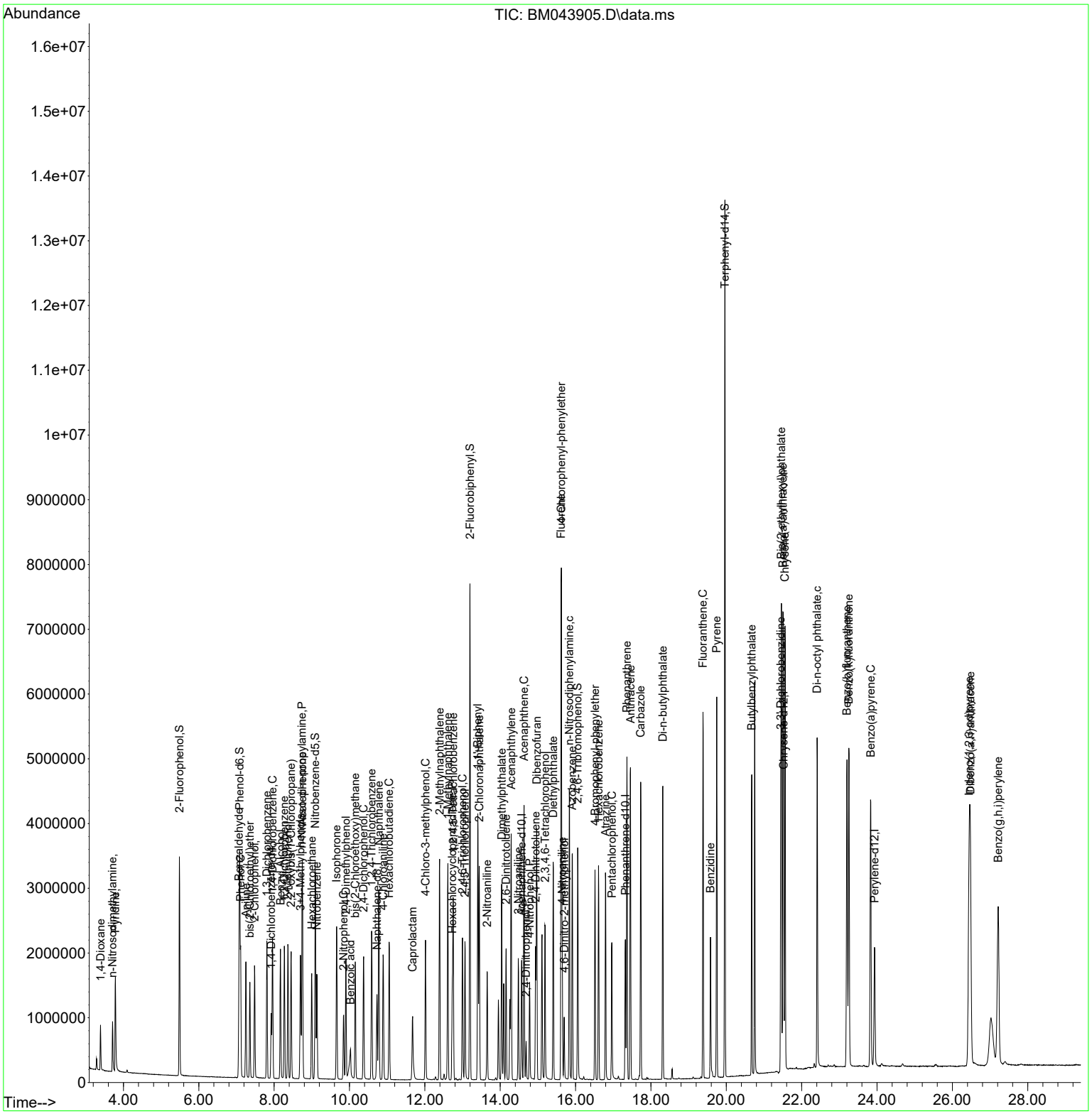
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	546250	46.437	ng	100
46) 1,1'-Biphenyl	13.404	154	2089268	41.321	ng	99
47) 2-Chloronaphthalene	13.445	162	1608126	41.352	ng	100
48) 2-Nitroaniline	13.651	65	439268	42.477	ng	98
49) Acenaphthylene	14.292	152	2629653	41.342	ng	100
50) Dimethylphthalate	14.039	163	1908653	41.730	ng	100
51) 2,6-Dinitrotoluene	14.157	165	384706	42.173	ng	98
52) Acenaphthene	14.633	154	1506895	41.521	ng	100
53) 3-Nitroaniline	14.480	138	432072	41.293	ng	97
54) 2,4-Dinitrophenol	14.686	184	106360	45.970	ng	98
55) Dibenzofuran	14.968	168	2370507	41.050	ng	100
56) 4-Nitrophenol	14.780	139	340881	41.754	ng	95
57) 2,4-Dinitrotoluene	14.939	165	502316	41.301	ng	99
58) Fluorene	15.615	166	1983566	41.393	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	471580	41.972	ng	98
60) Diethylphthalate	15.404	149	1928551	41.432	ng	100
61) 4-Chlorophenyl-phenyle...	15.621	204	981417	41.366	ng	98
62) 4-Nitroaniline	15.645	138	459856	41.549	ng	97
63) Azobenzene	15.910	77	2018620	41.169	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	175756	45.413	ng	98
66) n-Nitrosodiphenylamine	15.833	169	1670463	41.755	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	589712	41.106	ng	99
68) Hexachlorobenzene	16.610	284	674522	40.833	ng	98
69) Atrazine	16.798	200	533798	42.878	ng	98
70) Pentachlorophenol	16.962	266	368865	41.527	ng	98
71) Phenanthrene	17.362	178	2943211	41.134	ng	100
72) Anthracene	17.456	178	3014731	41.368	ng	100
73) Carbazole	17.727	167	2789138	41.485	ng	100
74) Di-n-butylphthalate	18.315	149	3318358	42.922	ng	99
75) Fluoranthene	19.380	202	3347336	40.989	ng	100
77) Benzidine	19.580	184	1203424	44.413	ng	99
78) Pyrene	19.745	202	3540066	41.521	ng	100
80) Butylbenzylphthalate	20.674	149	1248909	40.450	ng	99
81) Benzo(a)anthracene	21.503	228	3638767	41.276	ng	100
82) 3,3'-Dichlorobenzidine	21.444	252	1196605	44.154	ng	99
83) Chrysene	21.556	228	3441642	41.604	ng	99
84) Bis(2-ethylhexyl)phtha...	21.462	149	2177597	40.621	ng	99
85) Di-n-octyl phthalate	22.409	149	3431700	43.136	ng	100
87) Indeno(1,2,3-cd)pyrene	26.444	276	4300962	41.996	ng	100
88) Benzo(b)fluoranthene	23.203	252	3532131	41.633	ng	100
89) Benzo(k)fluoranthene	23.250	252	3587388	41.873	ng	99
90) Benzo(a)pyrene	23.833	252	3306741	42.112	ng	99
91) Dibenzo(a,h)anthracene	26.479	278	3520685	42.155	ng	99
92) Benzo(g,h,i)perylene	27.215	276	3313580	42.577	ng	100

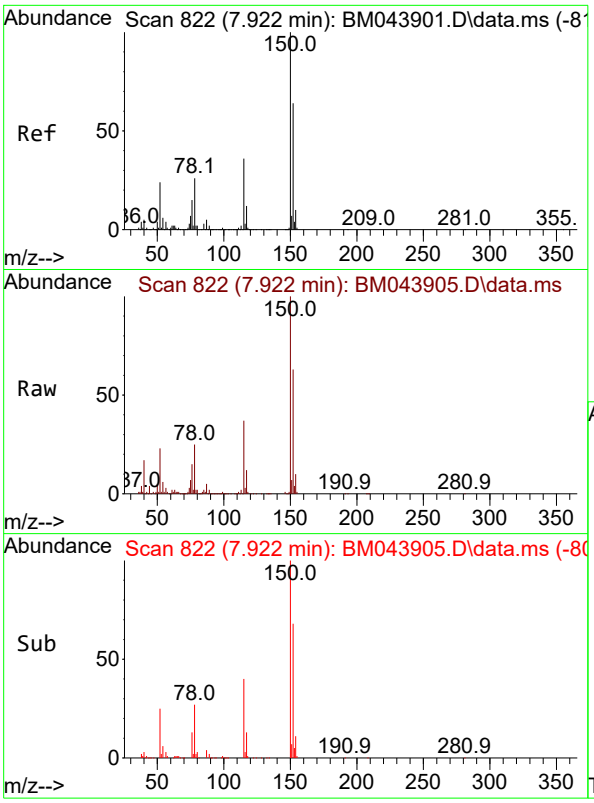
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
Data File : BM043905.D
Acq On : 25 Jan 2024 16:06
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Quant Time: Jan 26 00:39:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 00:26:01 2024
Response via : Initial Calibration



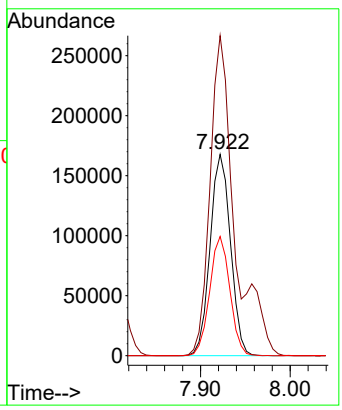


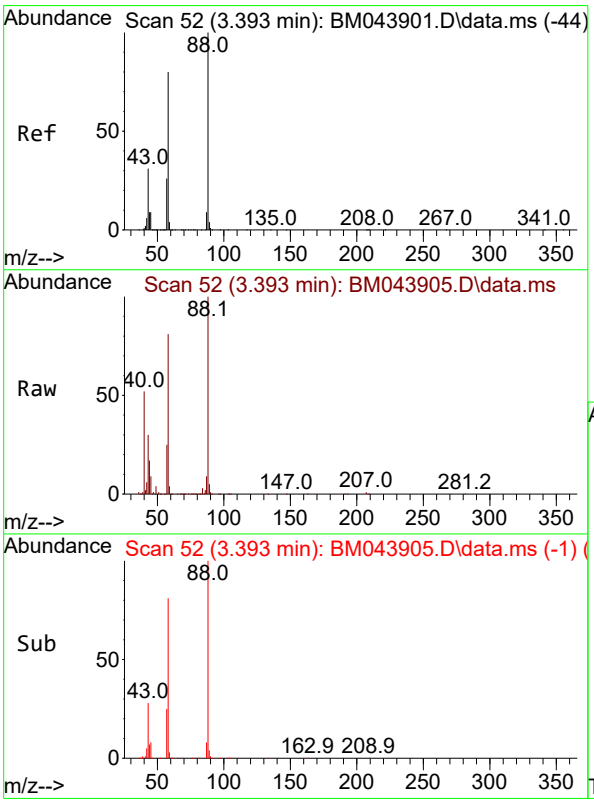
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:152 Resp: 264879

Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.8	188.6
115	59.2	45.3	67.9

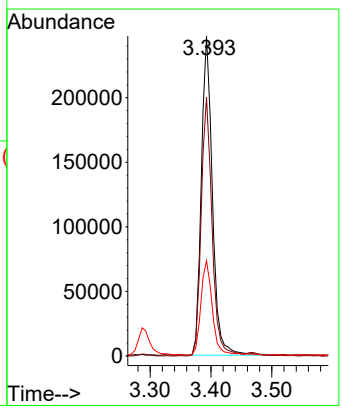


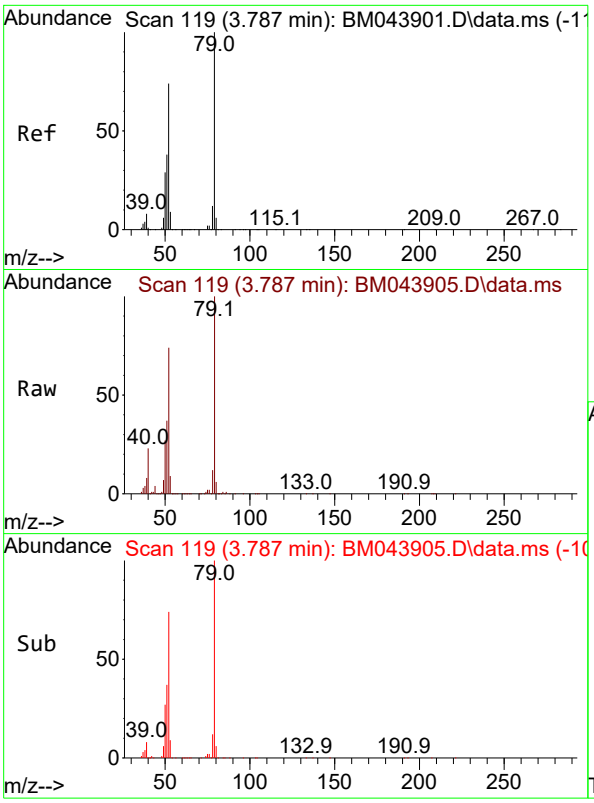


#2
1,4-Dioxane
Concen: 41.234 ng
RT: 3.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion: 88 Resp: 312021

Ion	Ratio	Lower	Upper
88	100		
58	79.3	63.7	95.5
43	30.1	25.1	37.7



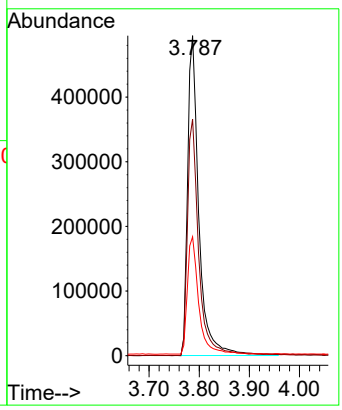


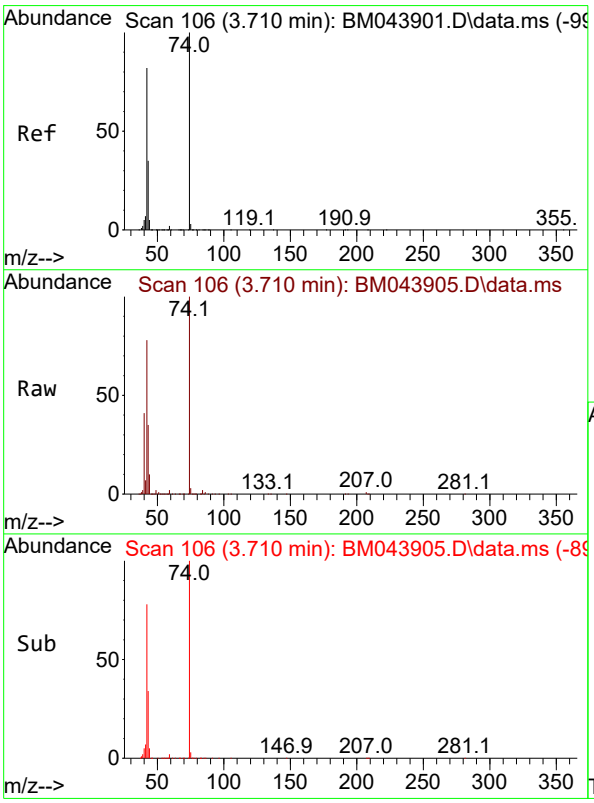
#3
Pyridine
Concen: 41.895 ng
RT: 3.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion: 79 Resp: 773589

Ion	Ratio	Lower	Upper
79	100		
52	74.0	59.4	89.0
51	37.1	30.8	46.2

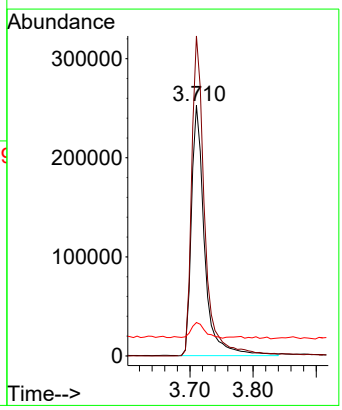


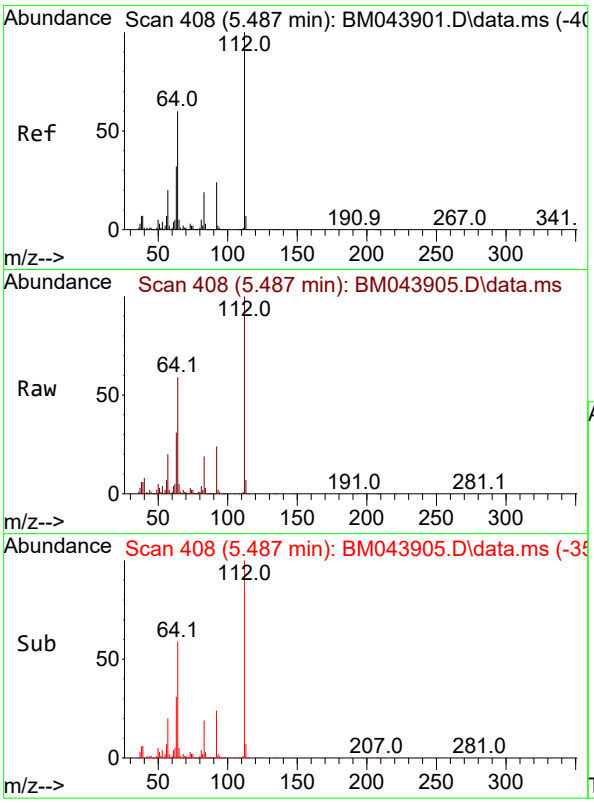


#4
n-Nitrosodimethylamine
Concen: 40.826 ng
RT: 3.710 min Scan# 106
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion: 42 Resp: 363617

Ion	Ratio	Lower	Upper
42	100		
74	127.7	97.4	146.2
44	13.3	9.8	14.8



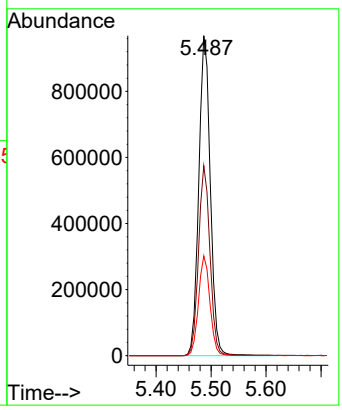


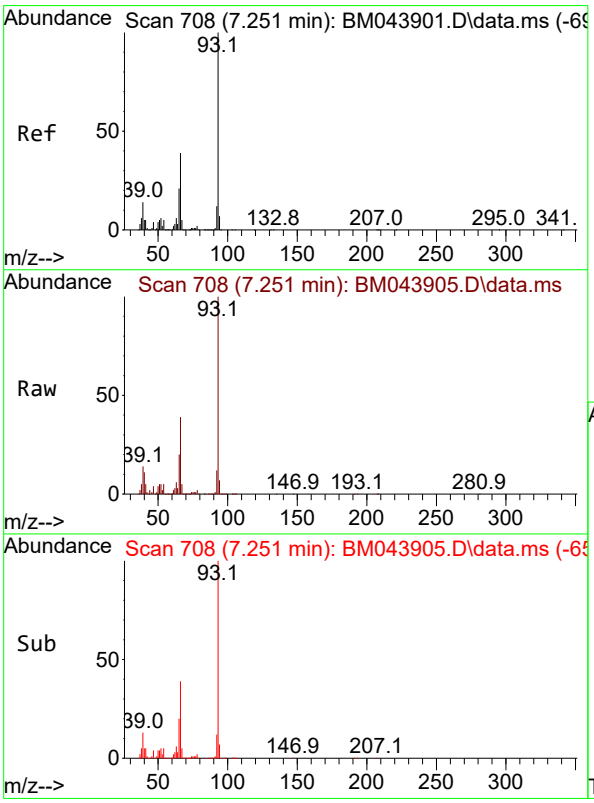
#5
2-Fluorophenol
Concen: 86.311 ng
RT: 5.487 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:112 Resp: 1415078

Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.3	72.5
63	31.2	25.6	38.4

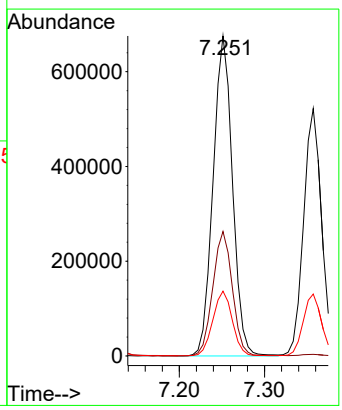


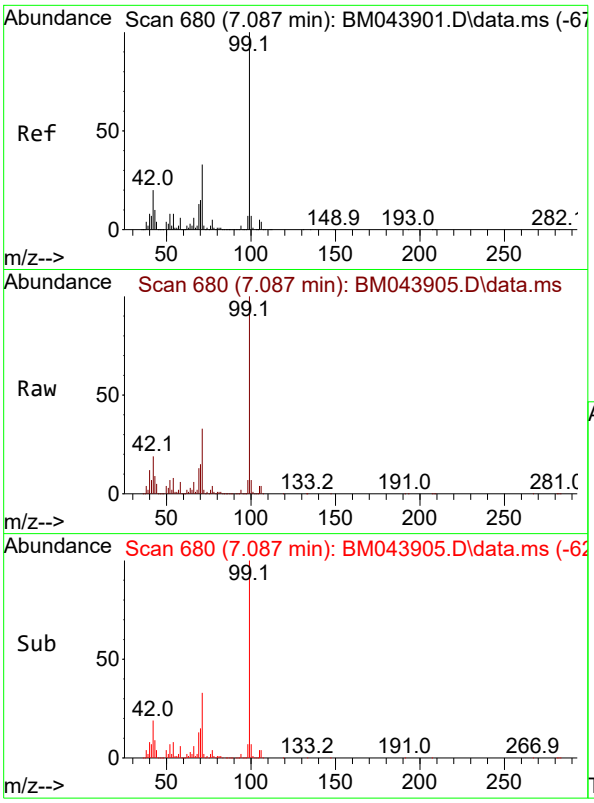


#6
Aniline
Concen: 41.408 ng
RT: 7.251 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion: 93 Resp: 1069195

Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.3	46.9
65	20.2	16.7	25.1



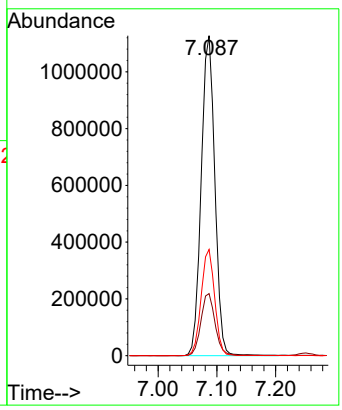


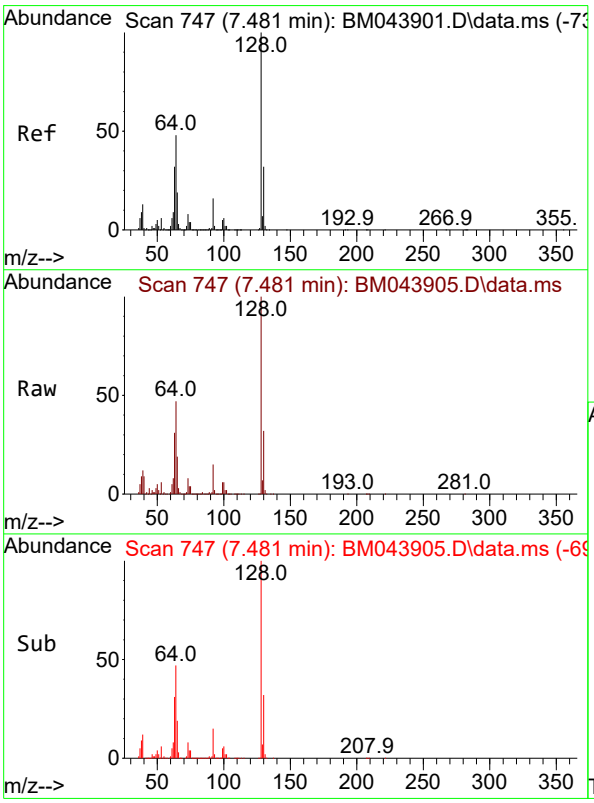
#7
Phenol-d6
Concen: 85.085 ng
RT: 7.087 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion: 99 Resp: 1811094

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.0	24.0
71	33.2	26.6	40.0

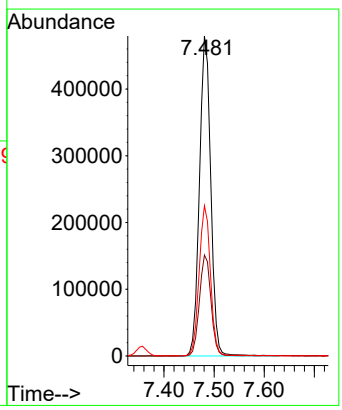


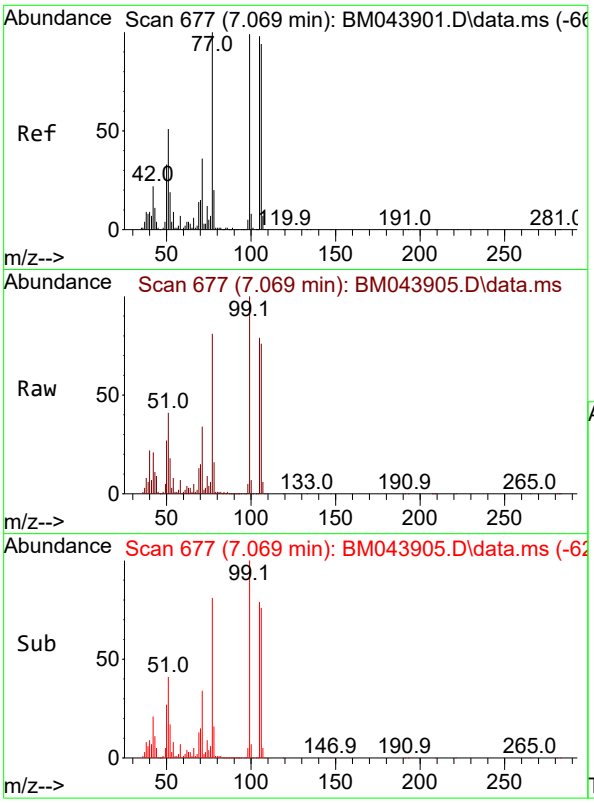


#8
2-Chlorophenol
Concen: 43.368 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:128 Resp: 750543

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.4	52.4
64	46.9	28.0	68.0



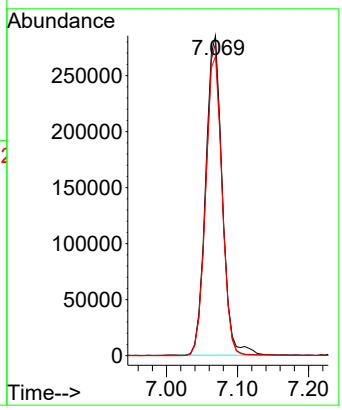


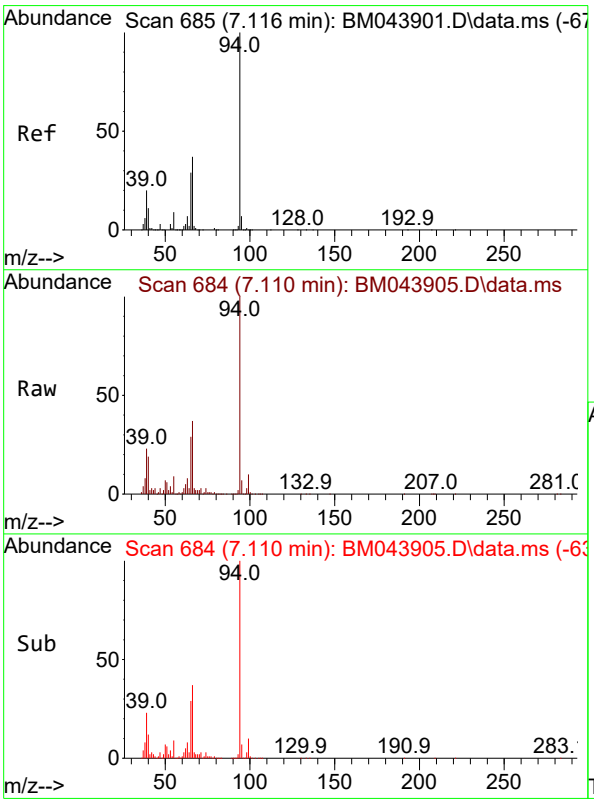
#9
Benzaldehyde
Concen: 42.754 ng
RT: 7.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion: 77 Resp: 463749

Ion	Ratio	Lower	Upper
77	100		
105	97.5	78.1	118.1
106	93.6	73.9	113.9

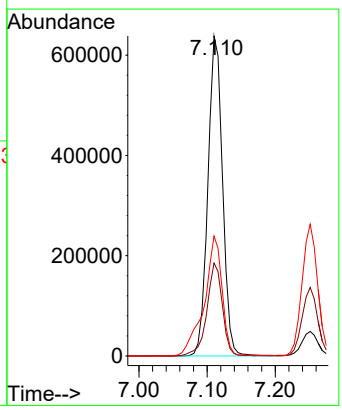


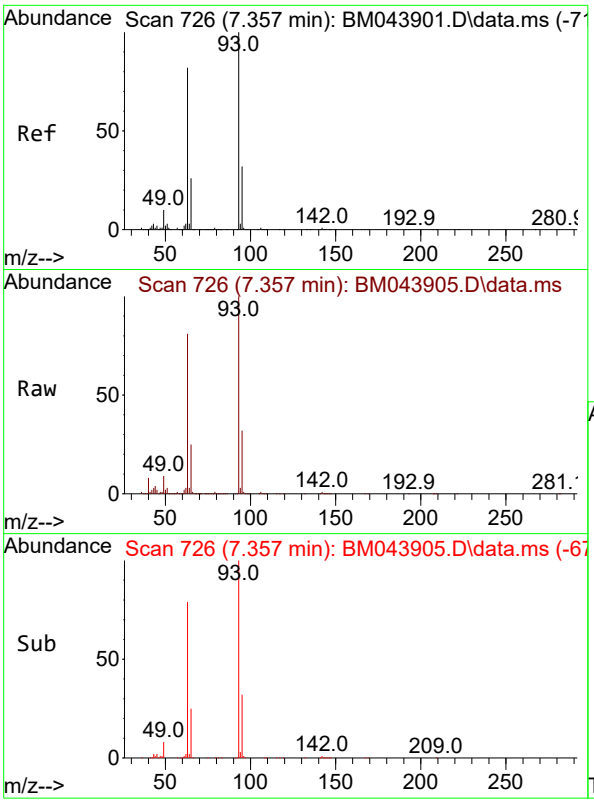


#10
Phenol
Concen: 42.508 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion: 94 Resp: 956400

Ion	Ratio	Lower	Upper
94	100		
65	29.0	8.9	48.9
66	37.5	17.4	57.4



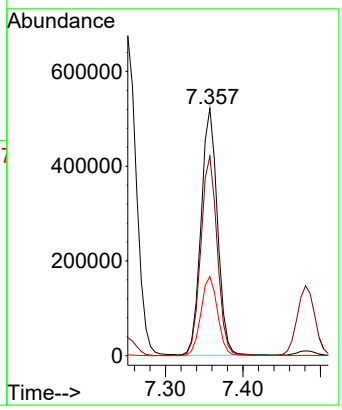


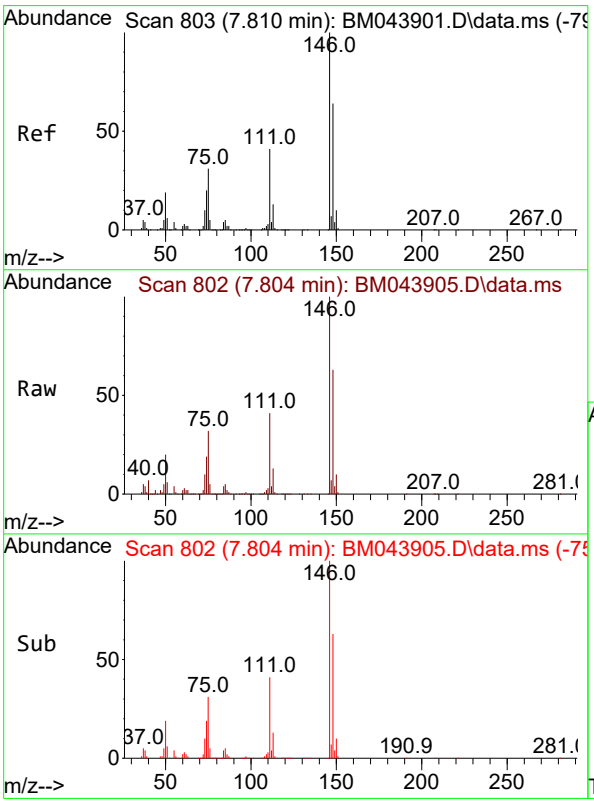
#11
bis(2-Chloroethyl)ether
Concen: 41.406 ng
RT: 7.357 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion: 93 Resp: 764441

Ion	Ratio	Lower	Upper
93	100		
63	80.6	61.4	101.4
95	32.1	12.0	52.0

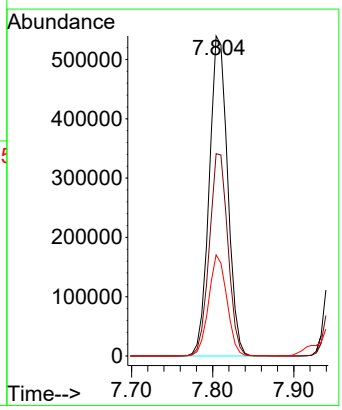


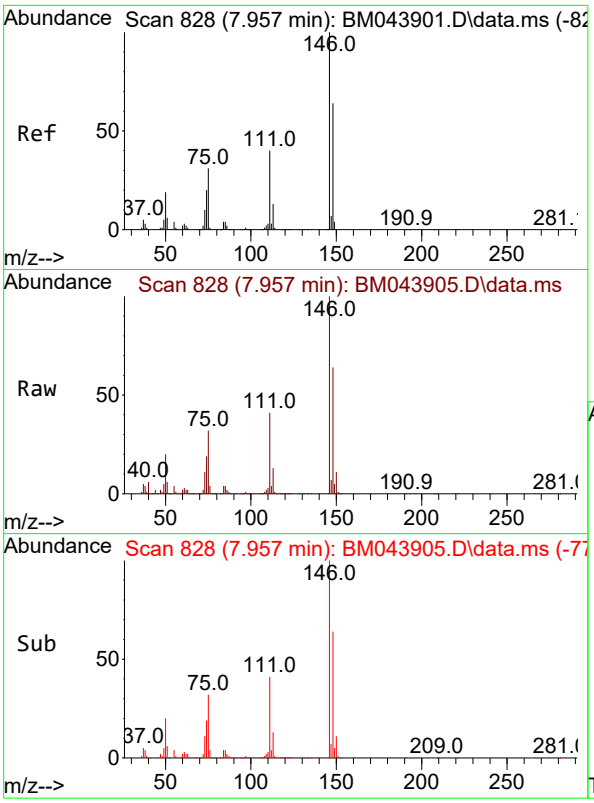


#12
1,3-Dichlorobenzene
Concen: 41.082 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:146 Resp: 848410

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.5	77.3
75	31.6	25.0	37.4



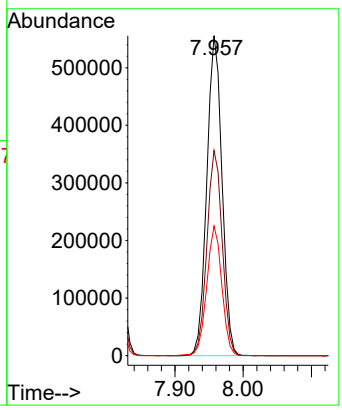


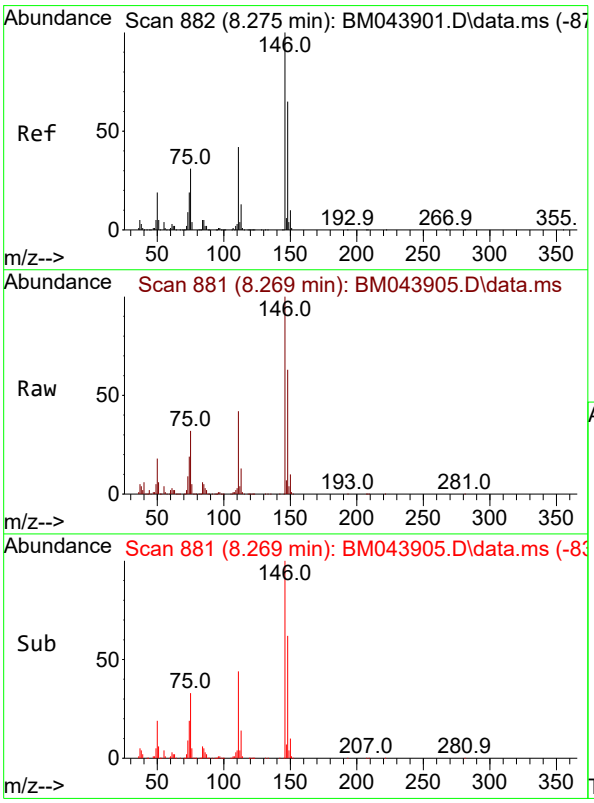
#13
1,4-Dichlorobenzene
Concen: 41.047 ng
RT: 7.957 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:146 Resp: 861157

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
111	40.5	32.2	48.4

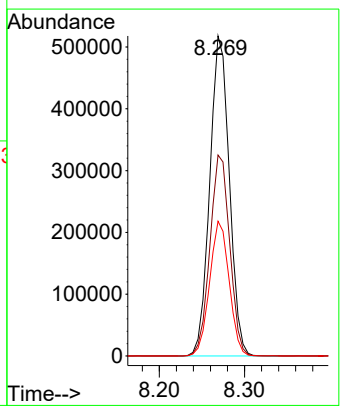


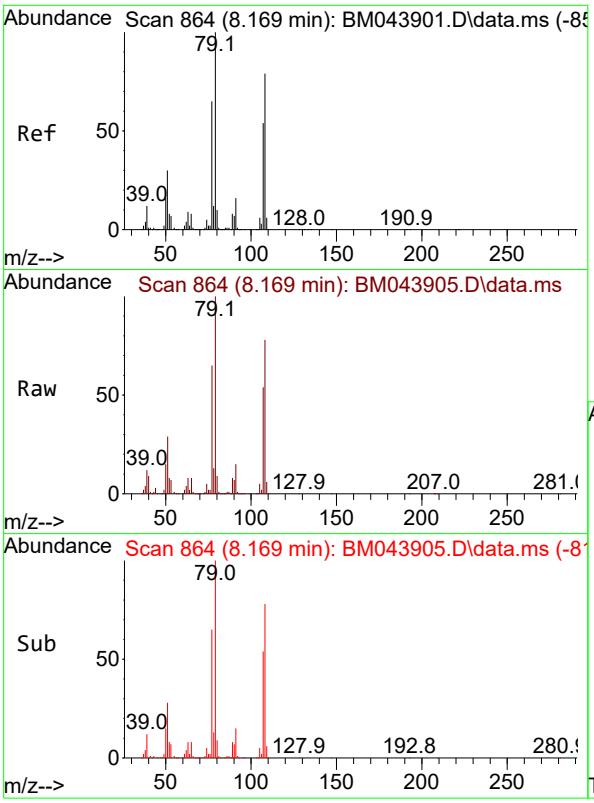


#14
1,2-Dichlorobenzene
Concen: 41.121 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:146 Resp: 826397

Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.1	78.1
111	42.1	33.5	50.3



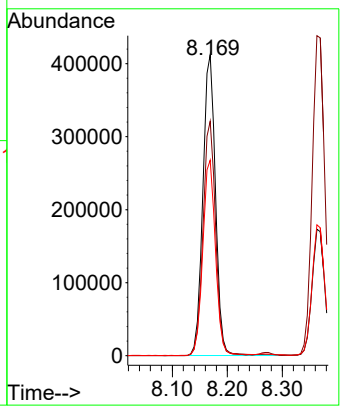


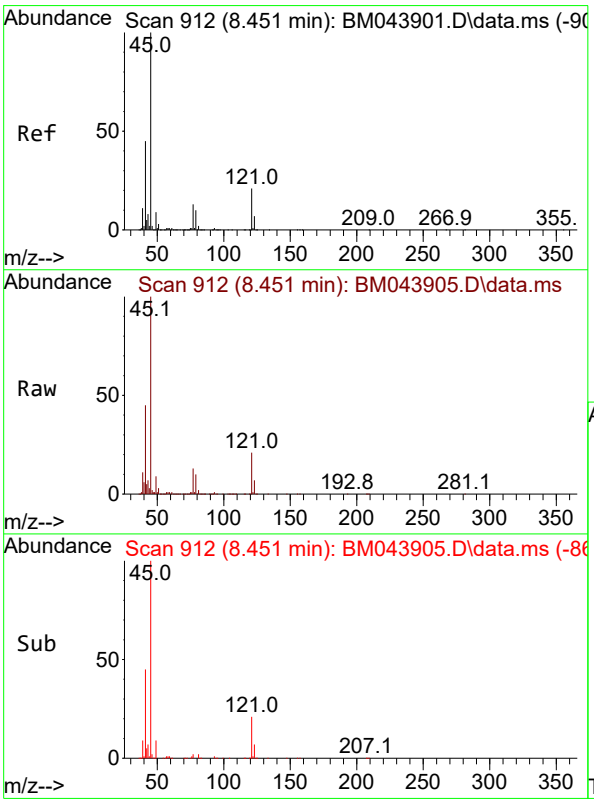
#15
Benzyl Alcohol
Concen: 42.841 ng
RT: 8.169 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion: 79 Resp: 656111

Ion	Ratio	Lower	Upper
79	100		
108	77.9	63.0	94.4
77	65.0	51.9	77.9

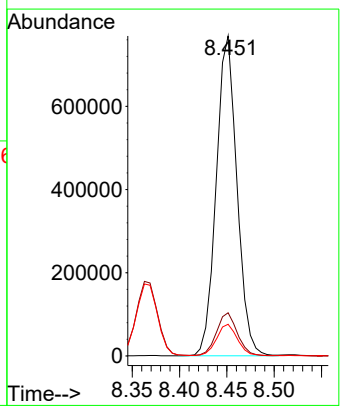


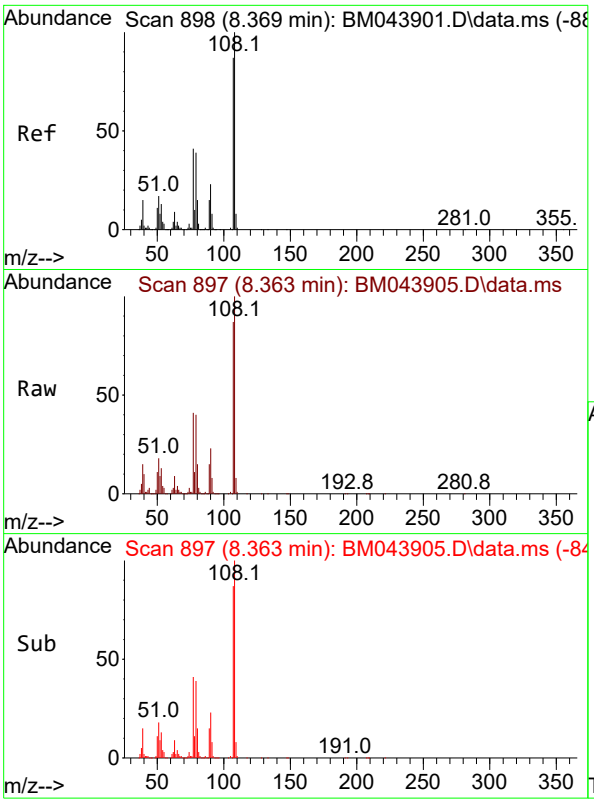


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.311 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion: 45 Resp: 1172071

Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.3
79	9.9	0.0	30.0



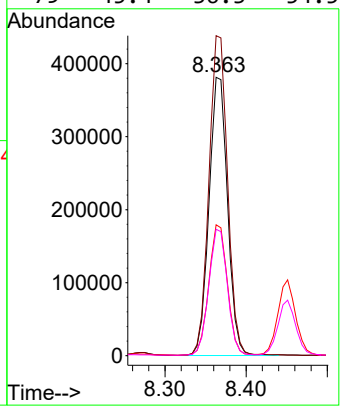


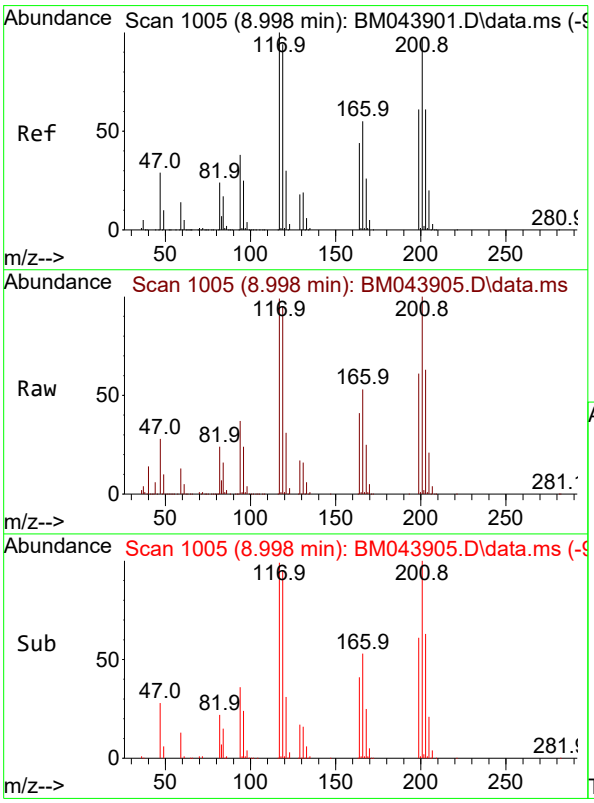
#17
2-Methylphenol
Concen: 42.090 ng
RT: 8.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:107 Resp: 604412

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.7	137.5
77	47.0	37.7	56.5
79	45.4	36.3	54.5

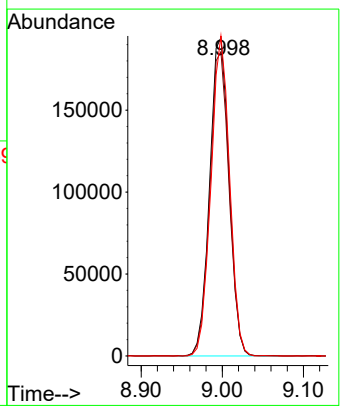


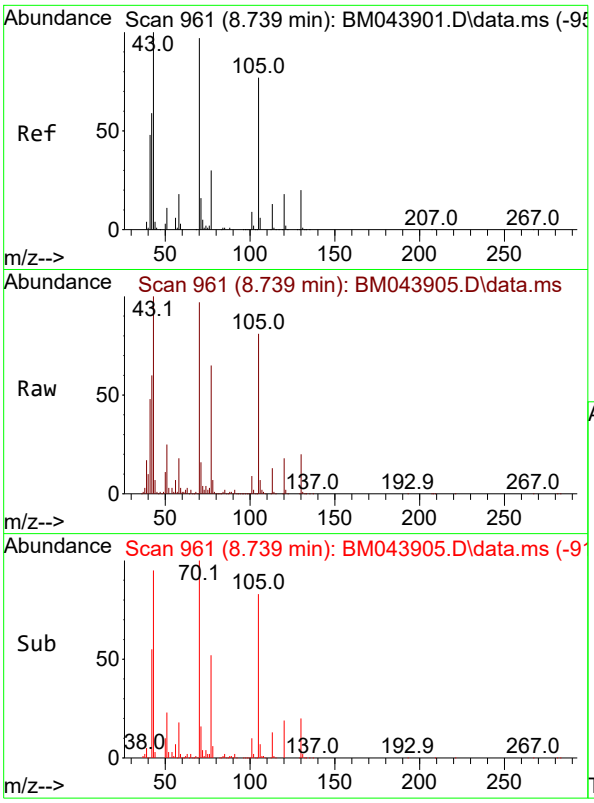


#18
Hexachloroethane
Concen: 42.581 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:117 Resp: 322344

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.2
201	100.6	77.7	116.5



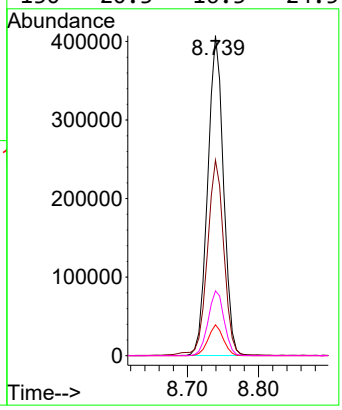


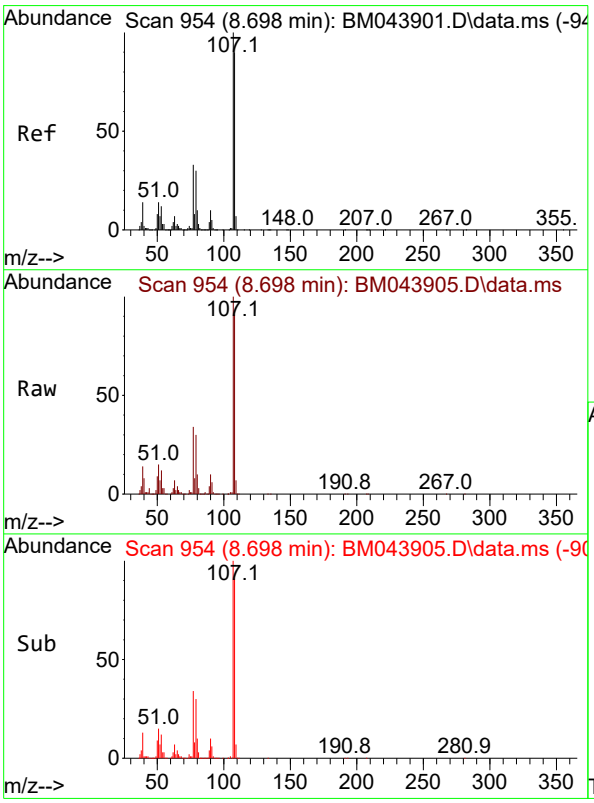
#19
n-Nitroso-di-n-propylamine
Concen: 41.492 ng
RT: 8.739 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion: 70 Resp: 627242

Ion	Ratio	Lower	Upper
70	100		
42	61.1	48.7	73.1
101	9.6	7.2	10.8
130	20.3	16.3	24.5

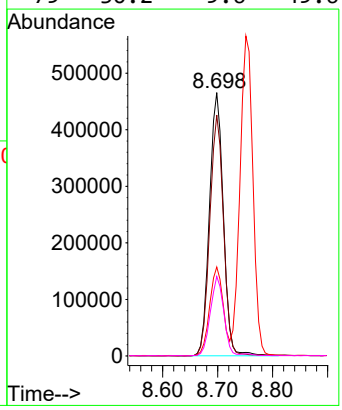


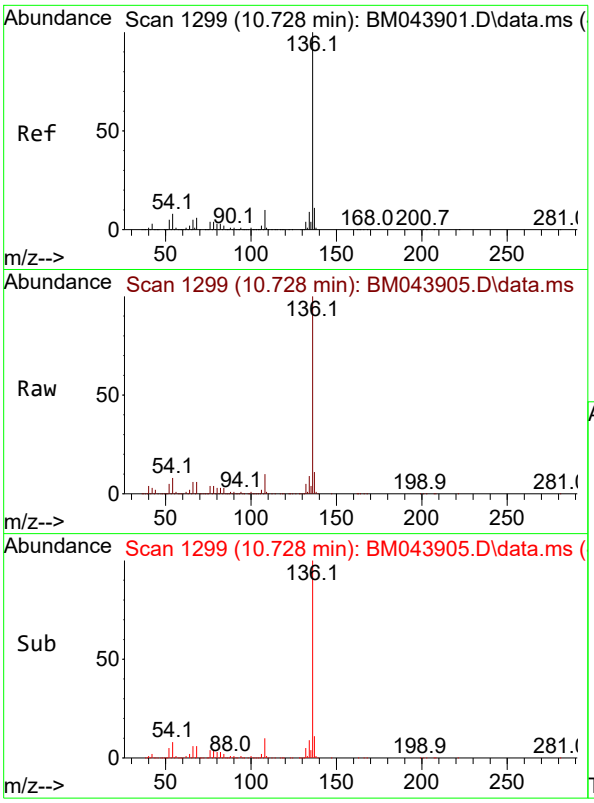


#20
3+4-Methylphenols
Concen: 43.039 ng
RT: 8.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:107 Resp: 817700

Ion	Ratio	Lower	Upper
107	100		
108	91.5	70.2	110.2
77	33.8	13.2	53.2
79	30.2	9.6	49.6



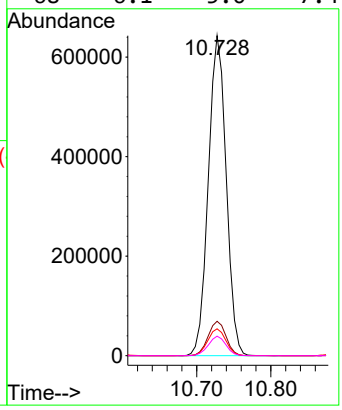


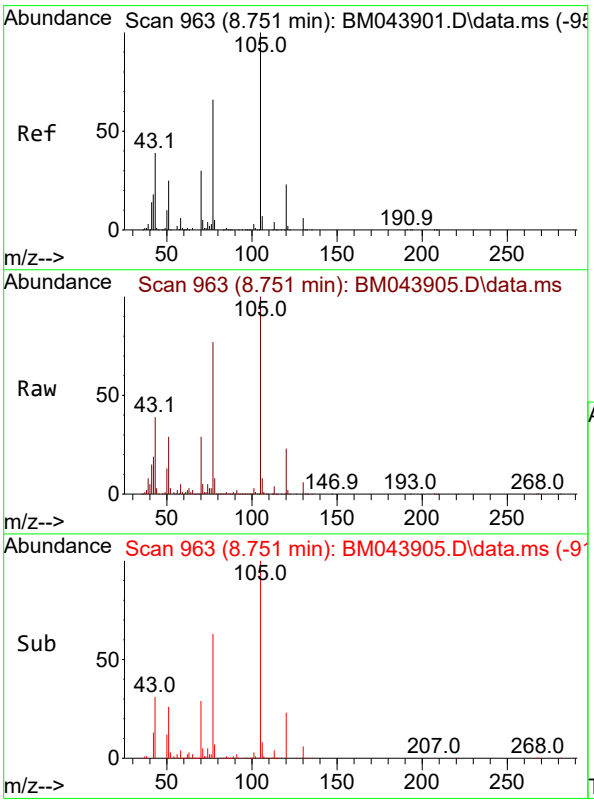
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:136 Resp: 1077081

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.4	6.6	10.0
68	6.1	5.0	7.4

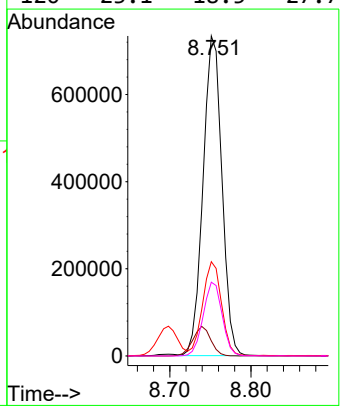


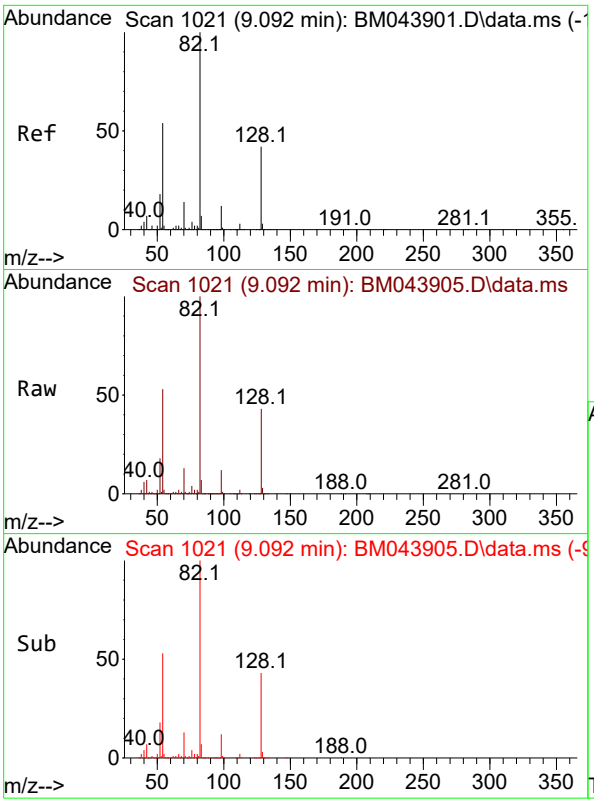


#22
Acetophenone
Concen: 41.126 ng
RT: 8.751 min Scan# 963
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:105 Resp: 1183258

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.0	6.0
51	29.5	23.7	35.5
120	23.1	18.5	27.7



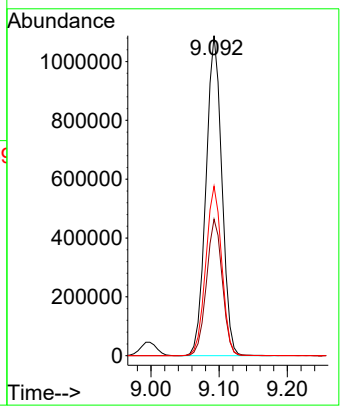


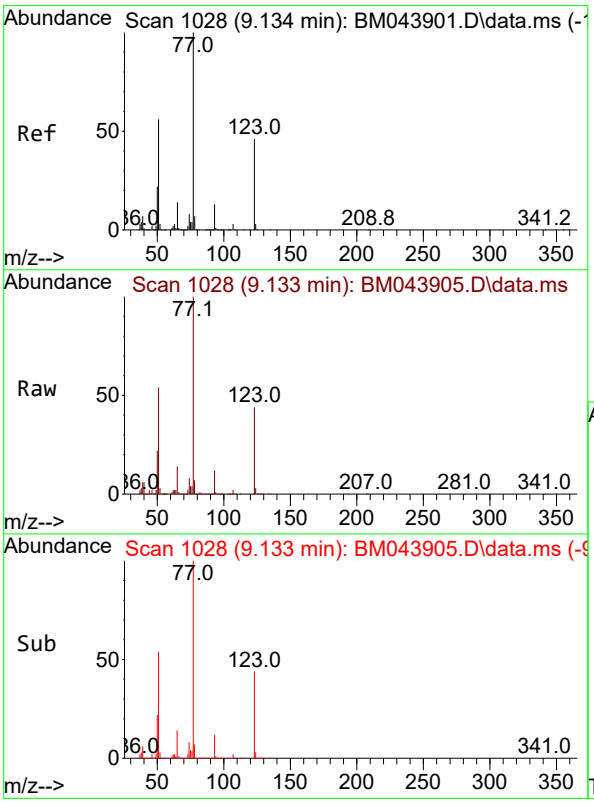
#23
Nitrobenzene-d5
Concen: 87.698 ng
RT: 9.092 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion: 82 Resp: 1763902

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.6	50.4
54	53.0	43.3	64.9

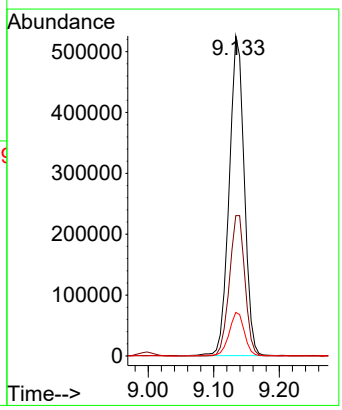


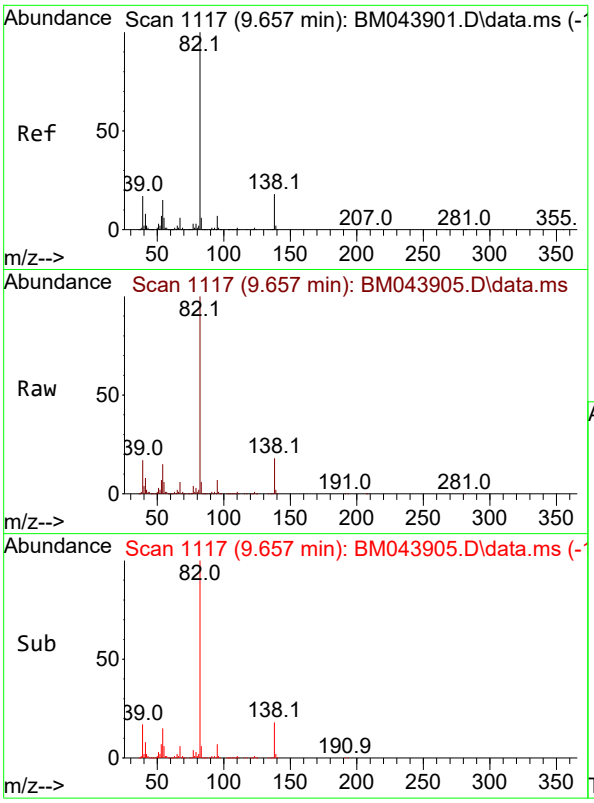


#24
Nitrobenzene
Concen: 42.890 ng
RT: 9.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion: 77 Resp: 840632

Ion	Ratio	Lower	Upper
77	100		
123	43.9	36.4	54.6
65	13.6	11.3	16.9



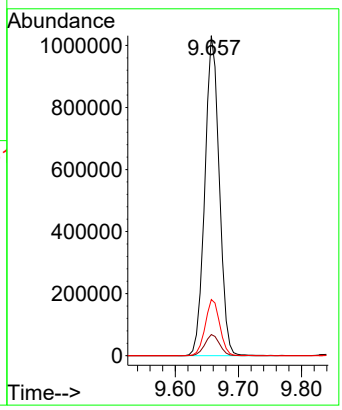


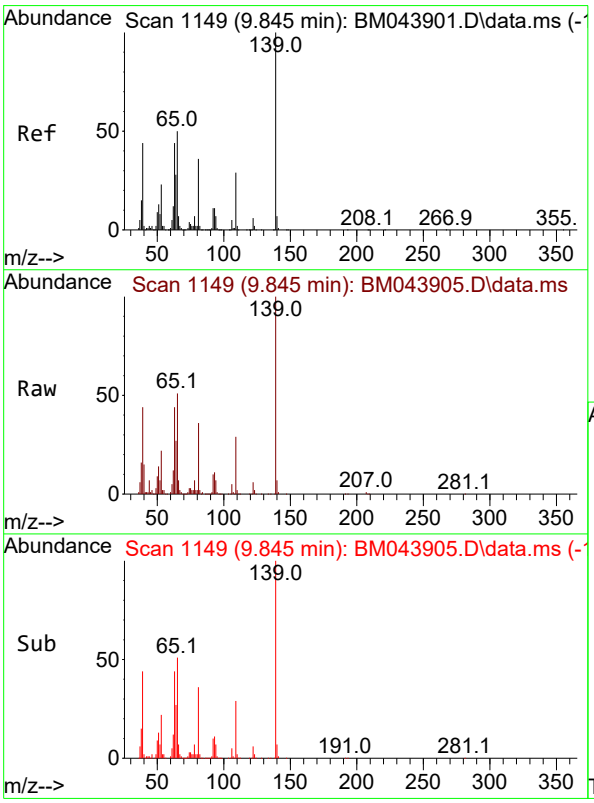
#25
Isophorone
Concen: 41.478 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion: 82 Resp: 1638374

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.0
138	17.6	14.2	21.2

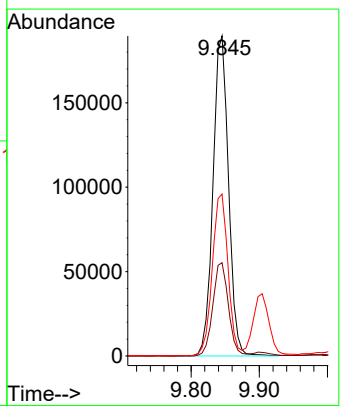


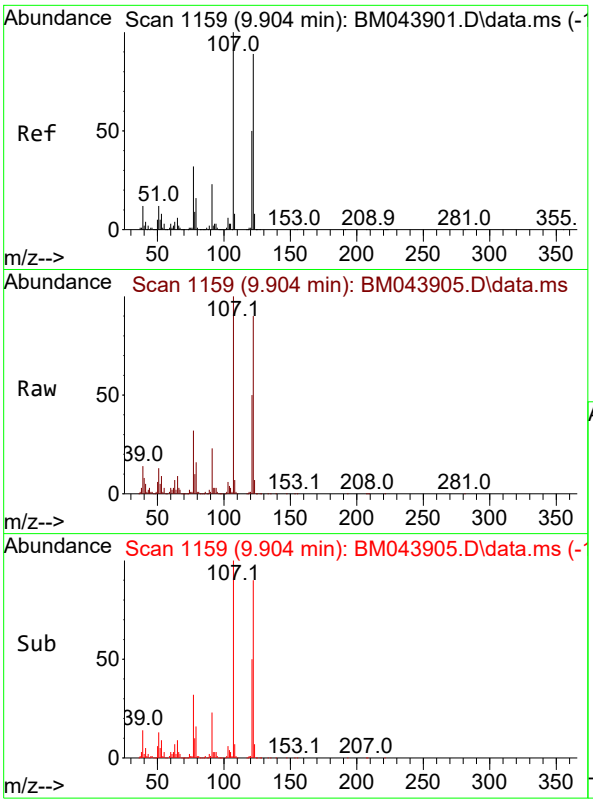


#26
2-Nitrophenol
Concen: 43.032 ng
RT: 9.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:139 Resp: 300400

Ion	Ratio	Lower	Upper
139	100		
109	29.1	22.9	34.3
65	50.6	39.7	59.5



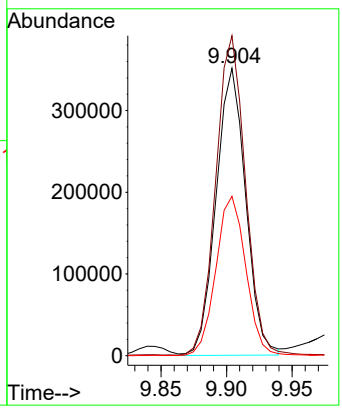


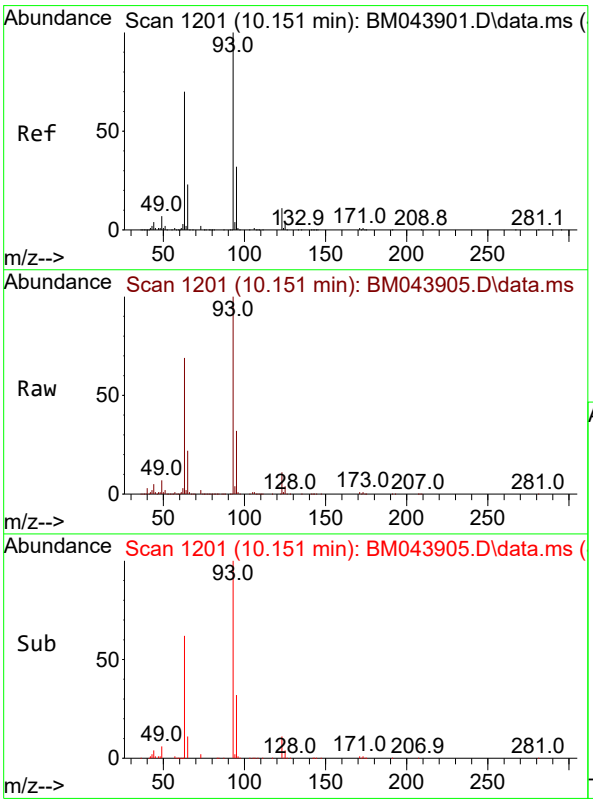
#27
2,4-Dimethylphenol
Concen: 42.909 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:122 Resp: 551050

Ion	Ratio	Lower	Upper
122	100		
107	111.4	89.4	134.2
121	55.5	44.8	67.2

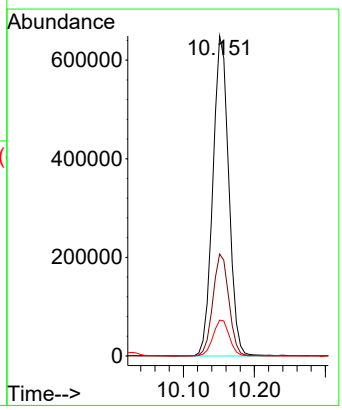


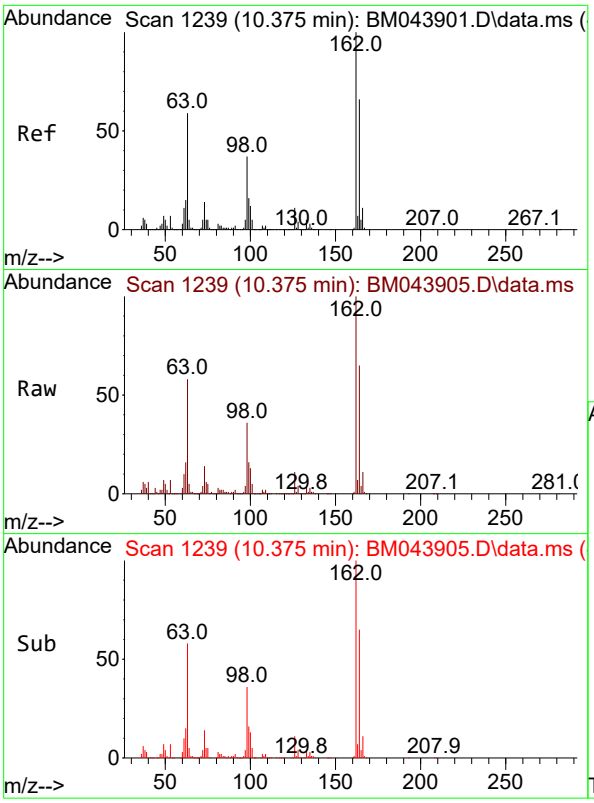


#28
bis(2-Chloroethoxy)methane
Concen: 41.617 ng
RT: 10.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion: 93 Resp: 1004236

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.8
123	11.2	9.2	13.8



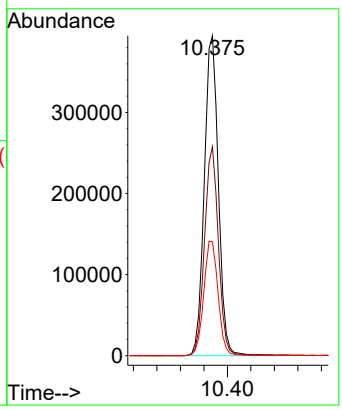


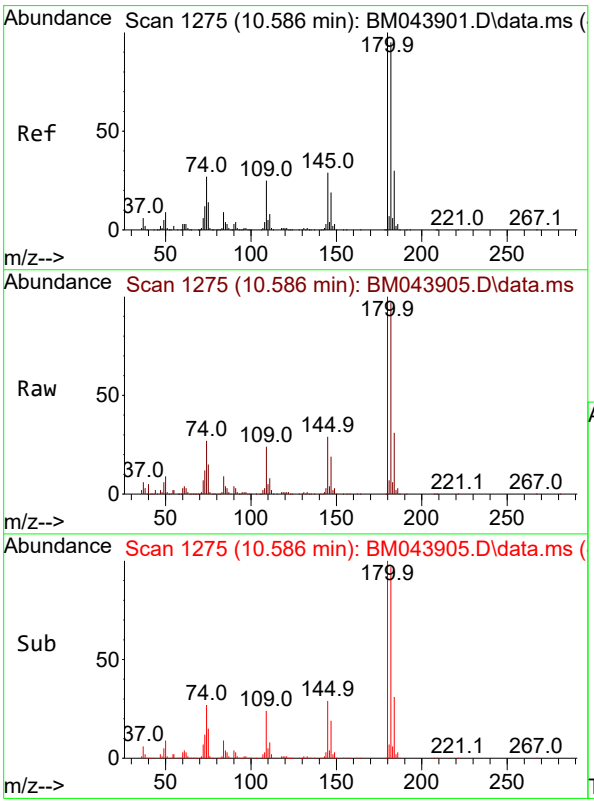
#29
2,4-Dichlorophenol
Concen: 44.260 ng
RT: 10.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:162 Resp: 656937

Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.6	85.6
98	35.7	16.5	56.5

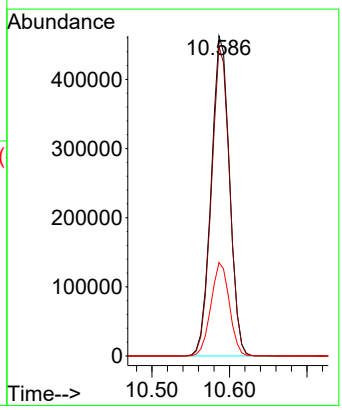


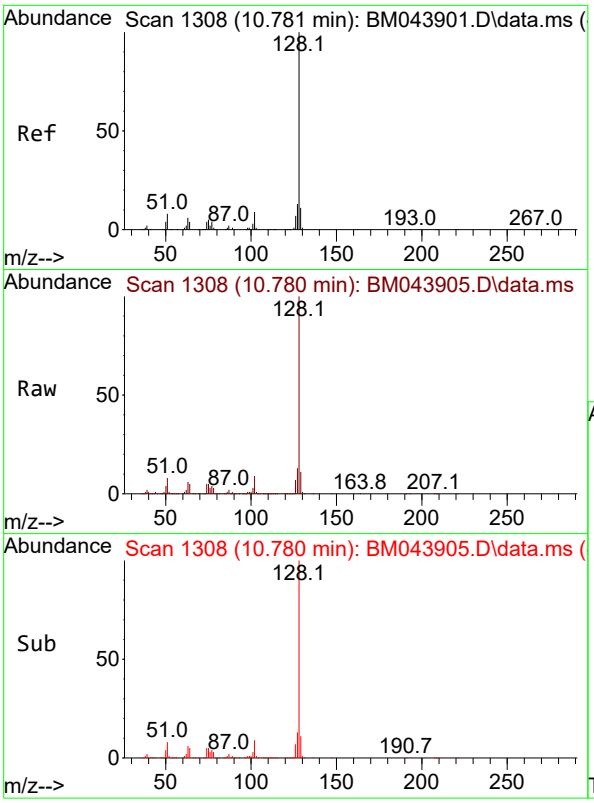


#30
1,2,4-Trichlorobenzene
Concen: 41.027 ng
RT: 10.586 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:180 Resp: 758739

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.2	114.2
145	29.2	23.3	34.9



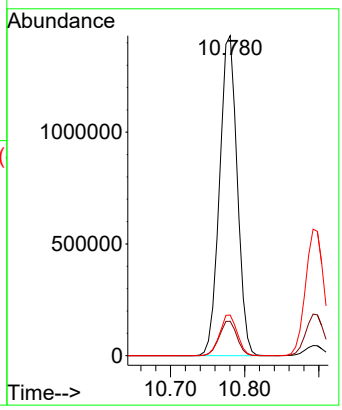


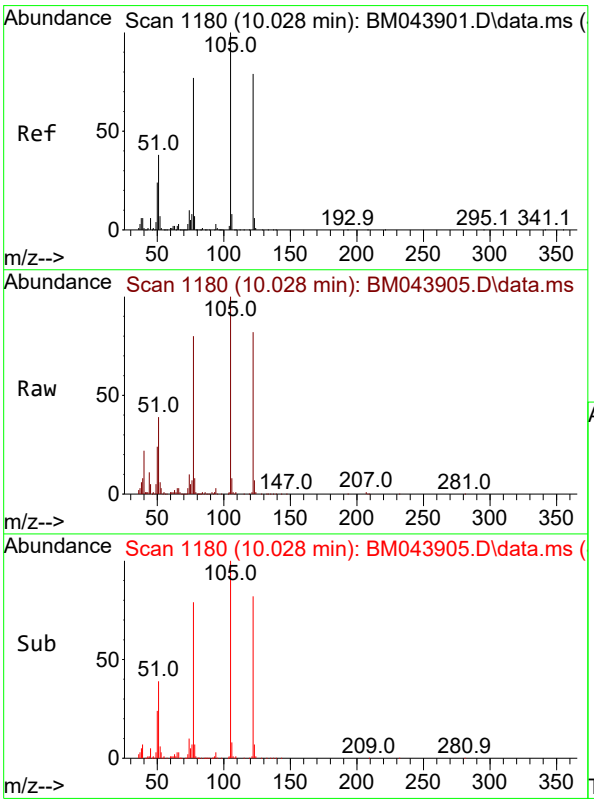
#31
Naphthalene
Concen: 40.926 ng
RT: 10.780 min Scan# 1
Delta R.T. -0.001 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:128 Resp: 2369119

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.7	10.2	15.4

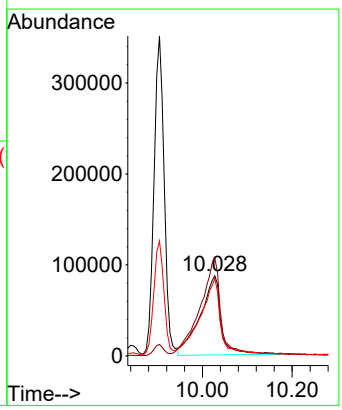


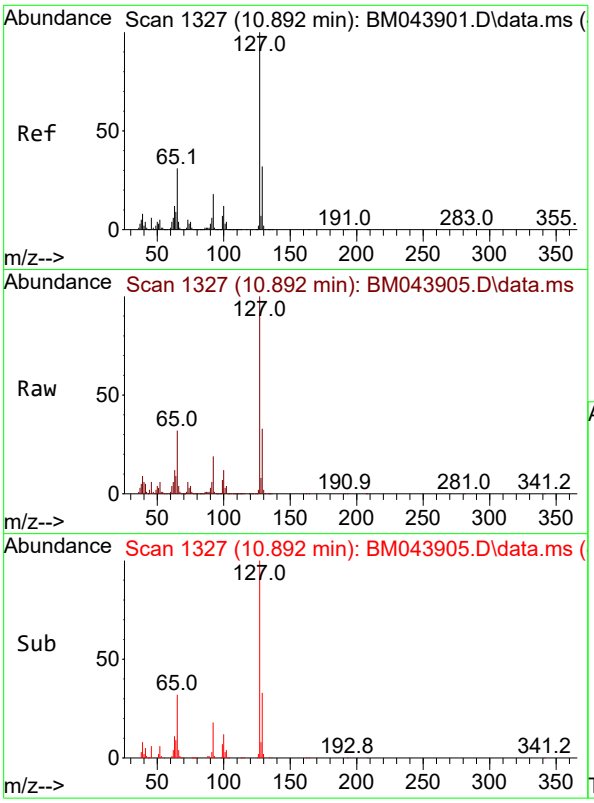


#32
Benzoic acid
Concen: 46.427 ng
RT: 10.028 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:122 Resp: 281618

Ion	Ratio	Lower	Upper
122	100		
105	122.2	99.2	139.2
77	97.2	73.2	113.2



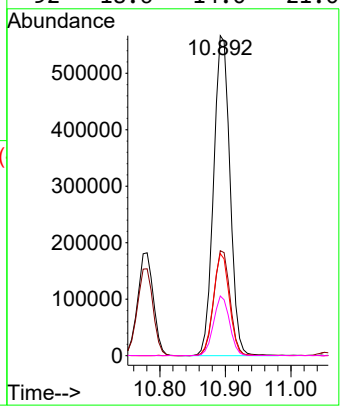


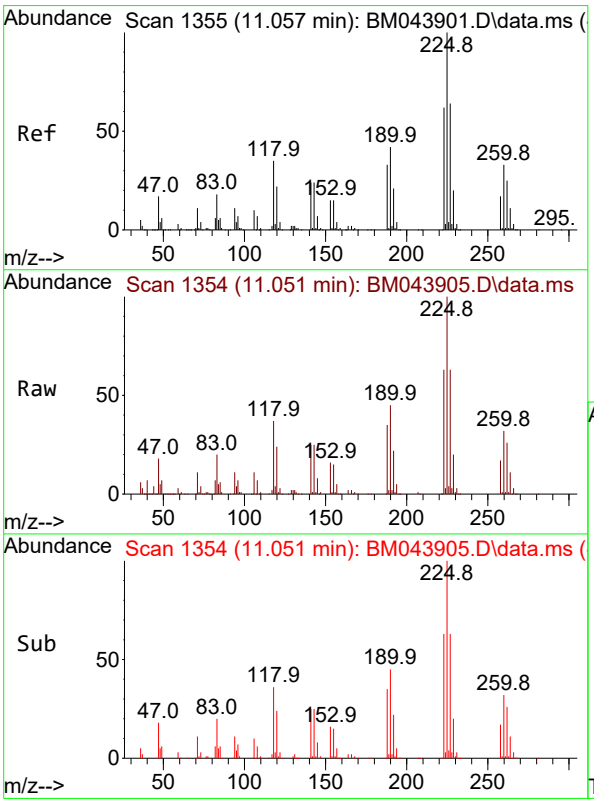
#33
4-Chloroaniline
Concen: 40.760 ng
RT: 10.892 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:127 Resp: 980984

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.6	38.4
65	31.9	25.0	37.6
92	18.6	14.0	21.0

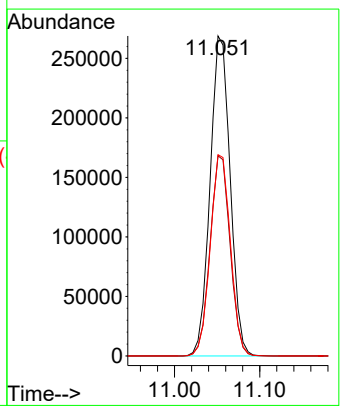


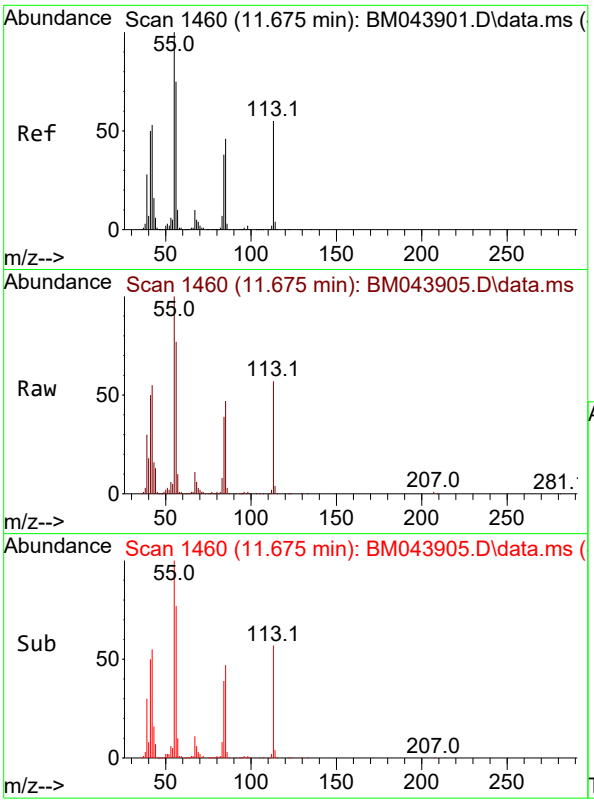


#34
Hexachlorobutadiene
Concen: 41.341 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:225 Resp: 439629

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.3	73.9
227	62.9	51.1	76.7



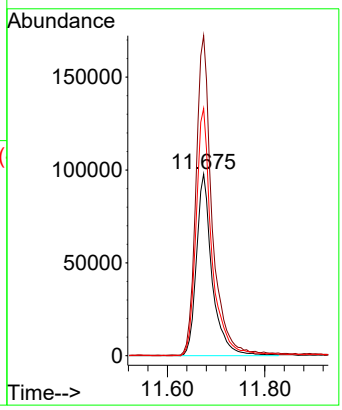


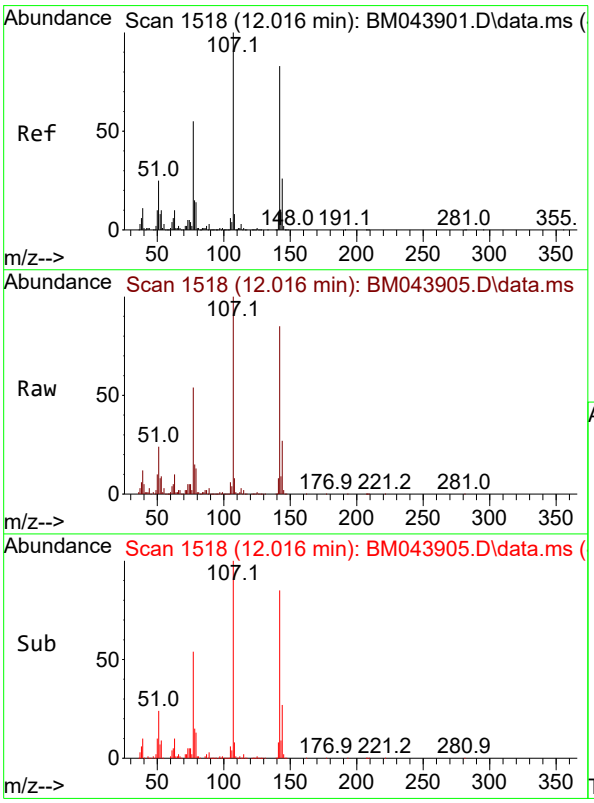
#35
Caprolactam
Concen: 45.033 ng
RT: 11.675 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:113 Resp: 218700

Ion	Ratio	Lower	Upper
113	100		
55	176.2	161.6	201.6
56	136.2	115.1	155.1

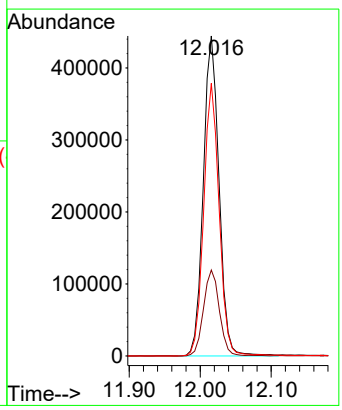


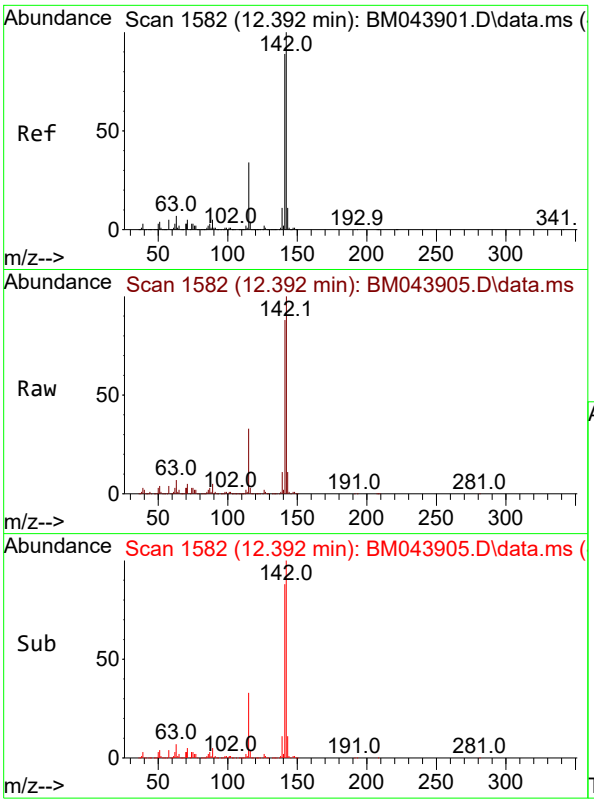


#36
4-Chloro-3-methylphenol
Concen: 43.309 ng
RT: 12.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:107 Resp: 684759

Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.1	31.7
142	85.2	66.7	100.1



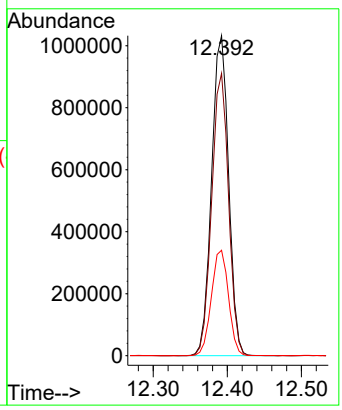


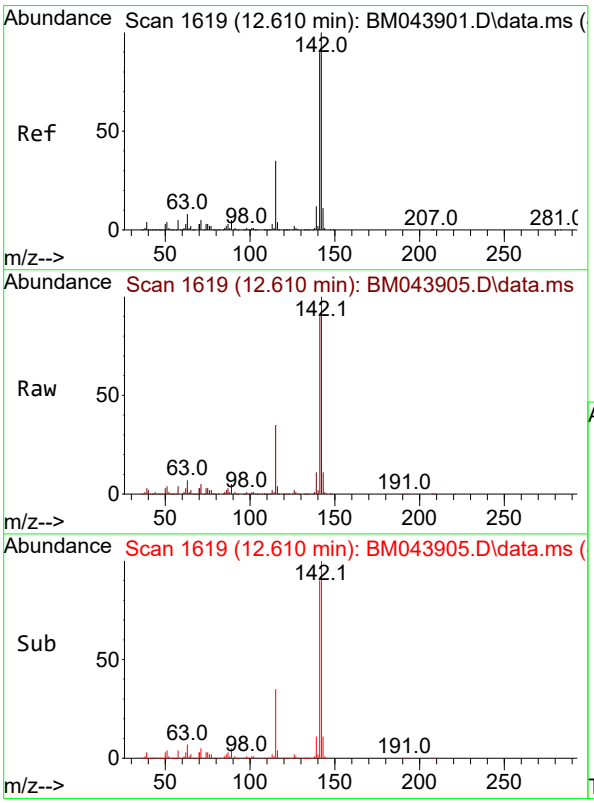
#37
2-Methylnaphthalene
Concen: 41.026 ng
RT: 12.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:142 Resp: 1644249

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	32.9	27.4	41.0

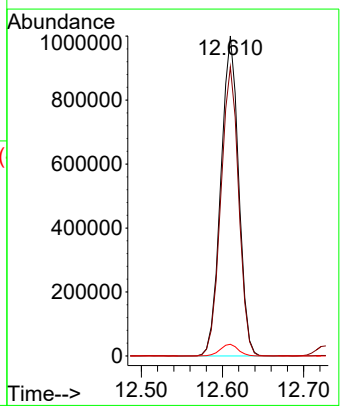


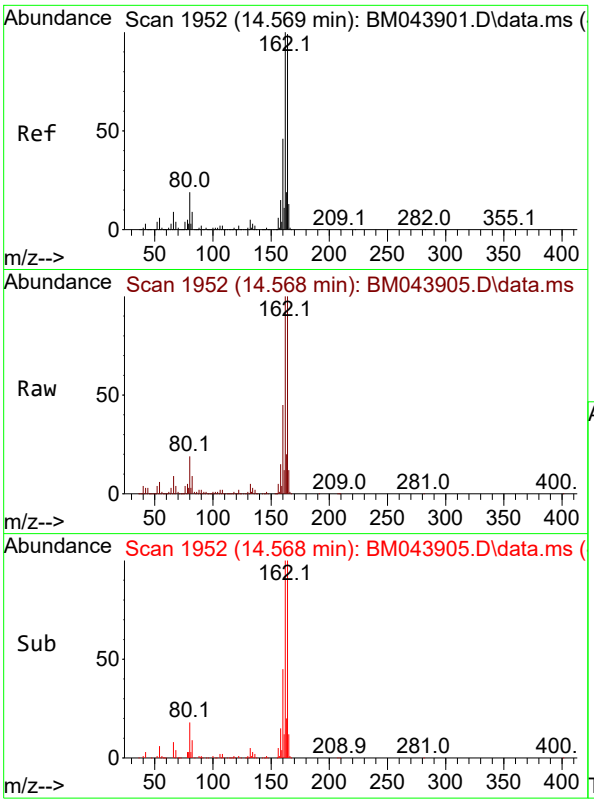


#38
1-Methylnaphthalene
Concen: 40.834 ng
RT: 12.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:142 Resp: 1522228

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.7	107.5
116	3.7	2.9	4.3



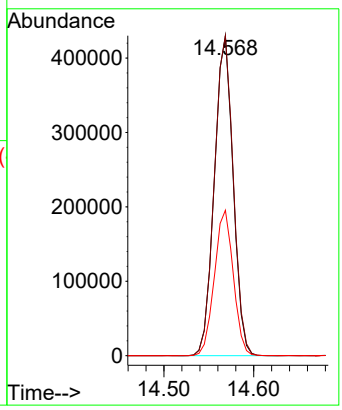


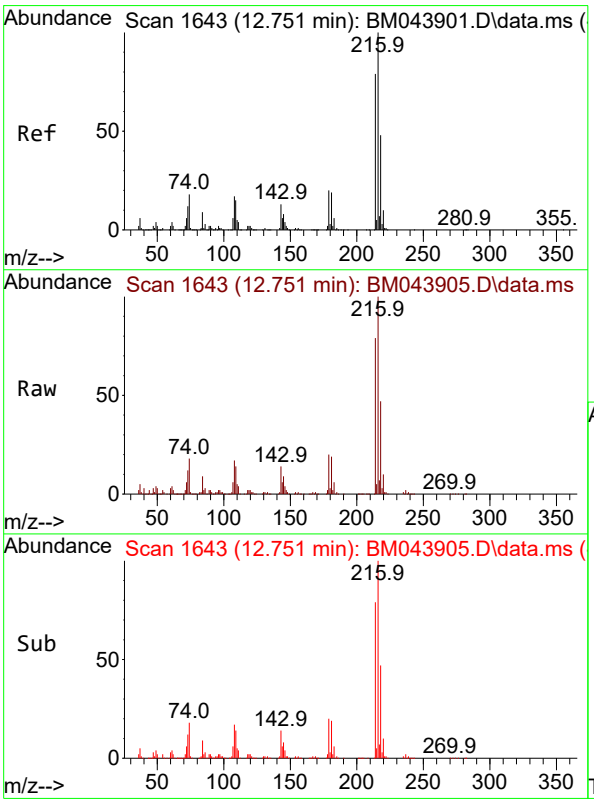
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:164 Resp: 623535

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	45.4	37.4	56.0

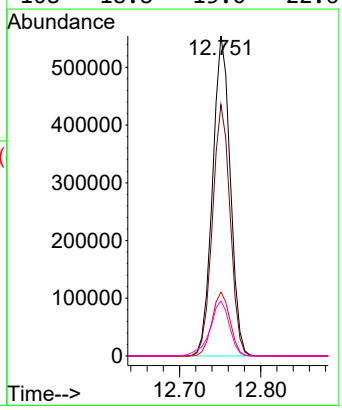


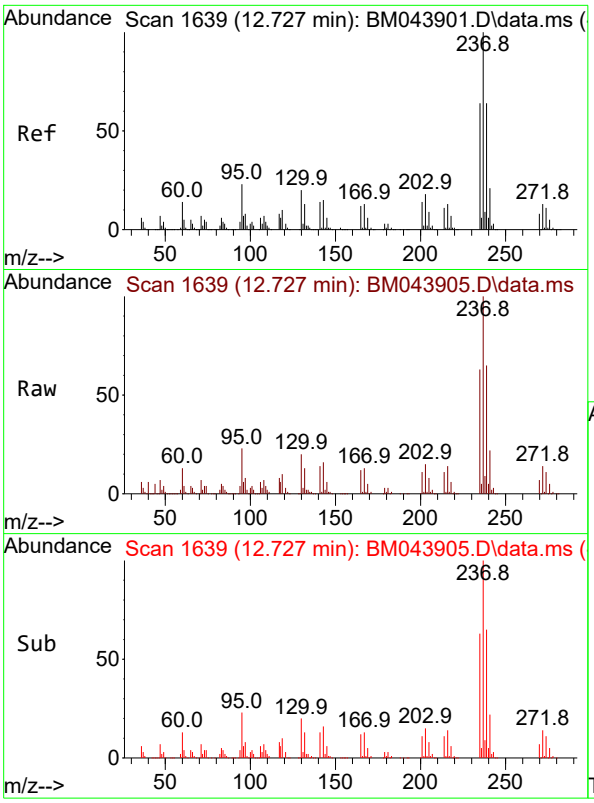


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.816 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:216 Resp: 838966

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.9	94.3
179	20.2	16.2	24.4
108	18.8	15.0	22.6



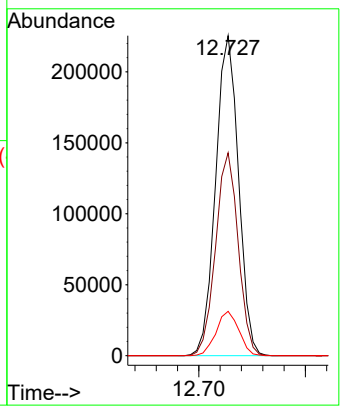


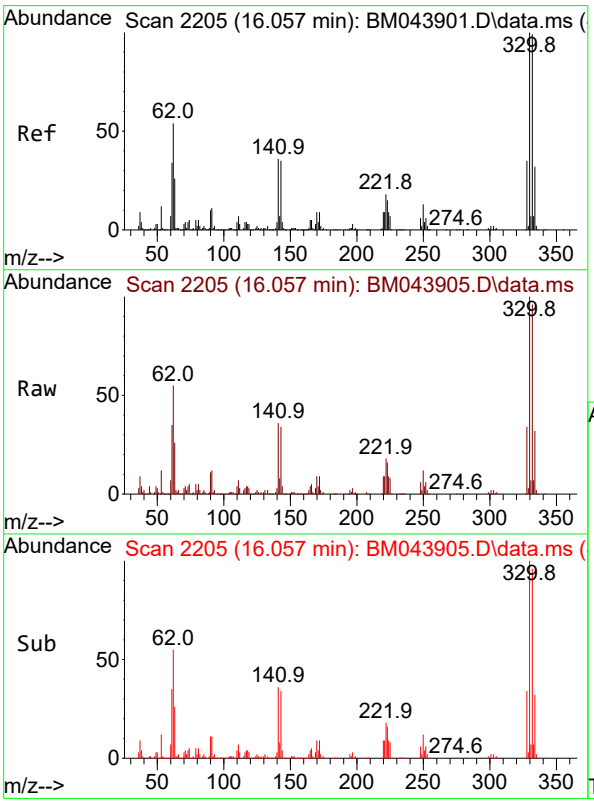
#41
Hexachlorocyclopentadiene
Concen: 45.852 ng
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:237 Resp: 335446

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.9	83.9
272	13.9	0.0	33.4

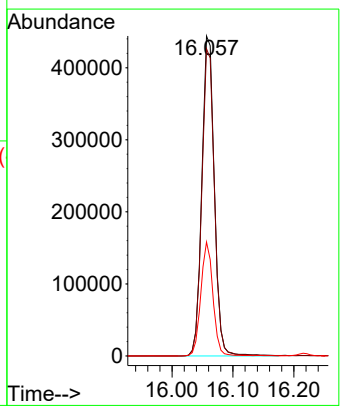


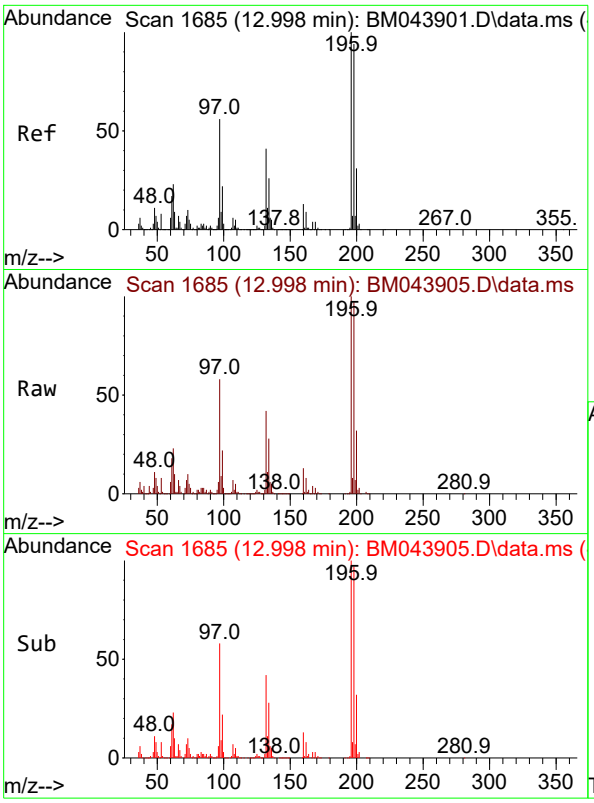


#42
2,4,6-Tribromophenol
Concen: 87.233 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:330 Resp: 632661

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	34.6	28.2	42.4



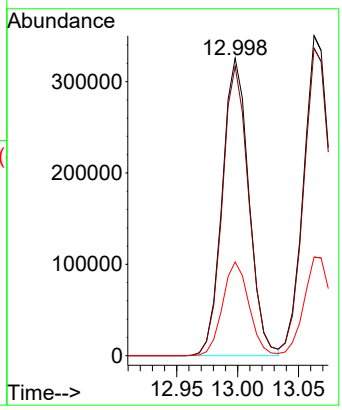


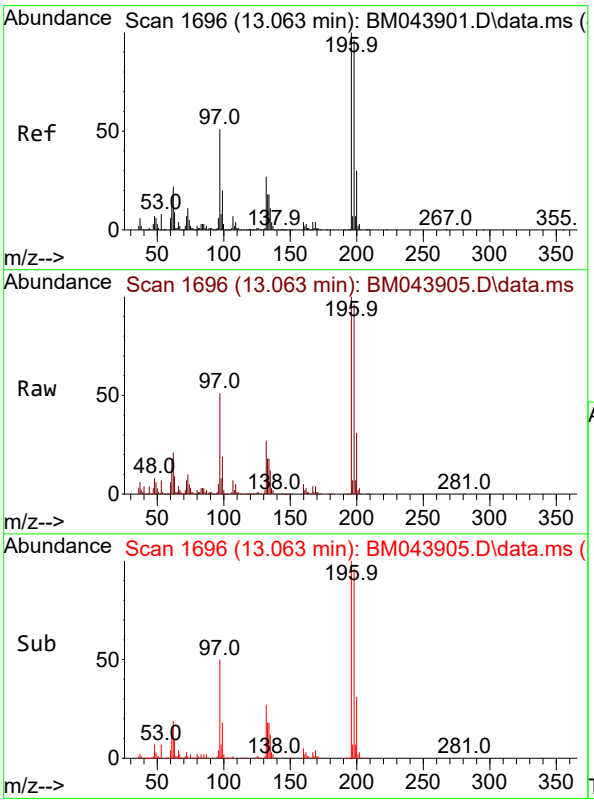
#43
2,4,6-Trichlorophenol
Concen: 46.183 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:196 Resp: 495012

Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.5	113.3
200	31.5	24.6	37.0

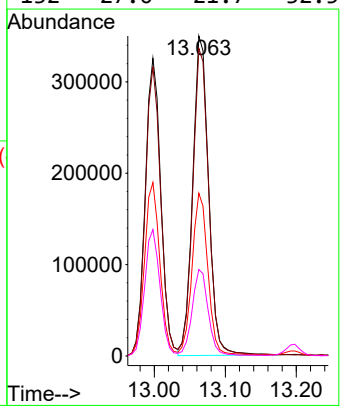


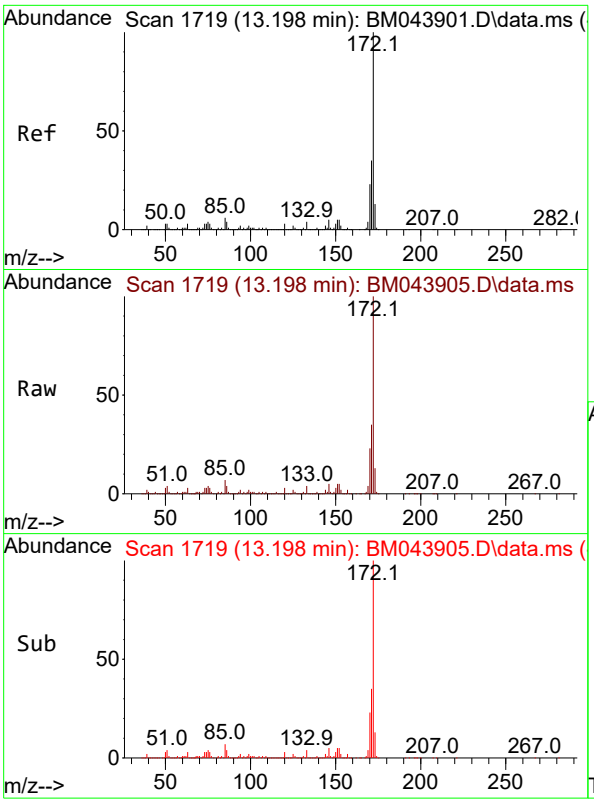


#44
2,4,5-Trichlorophenol
Concen: 46.437 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:196 Resp: 546250

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	115.0
97	50.8	41.0	61.4
132	27.0	21.7	32.5



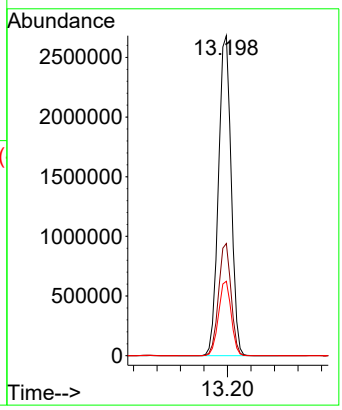


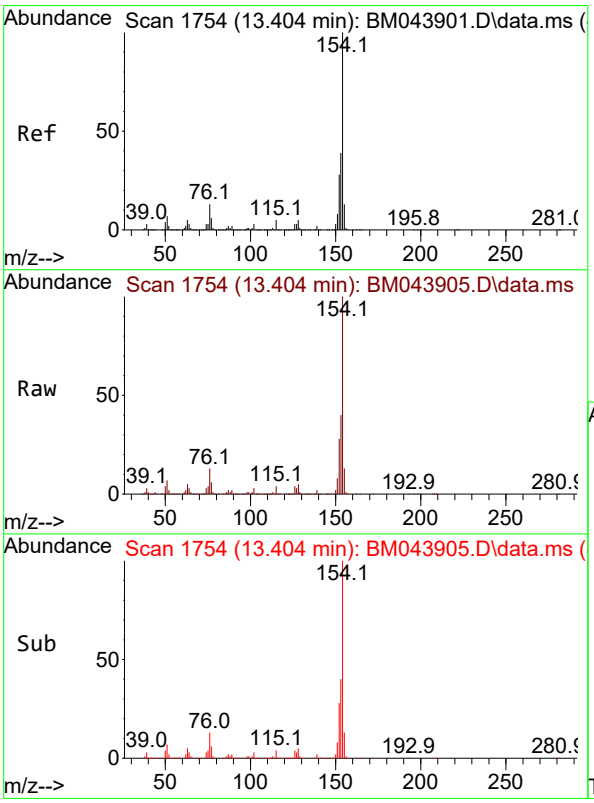
#45
2-Fluorobiphenyl
Concen: 83.423 ng
RT: 13.198 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:172 Resp: 4004243

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.3	18.6	27.8

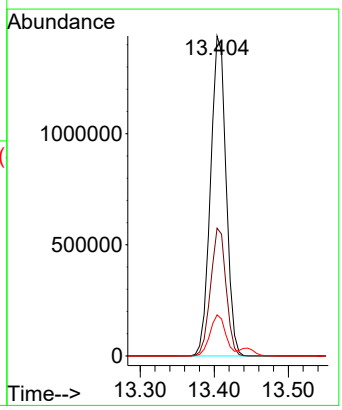


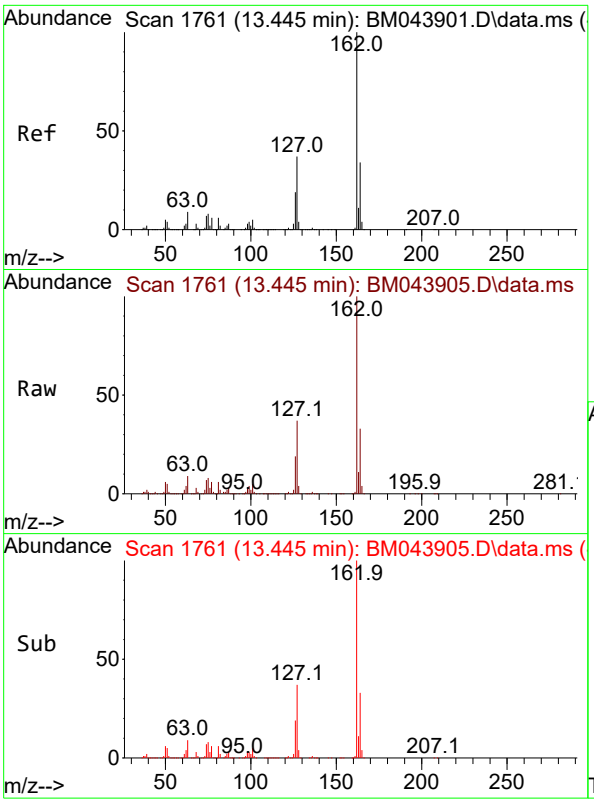


#46
1,1'-Biphenyl
Concen: 41.321 ng
RT: 13.404 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:154 Resp: 2089268

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.3	59.3
76	12.9	0.0	32.6



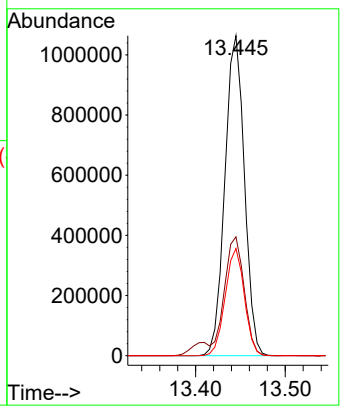


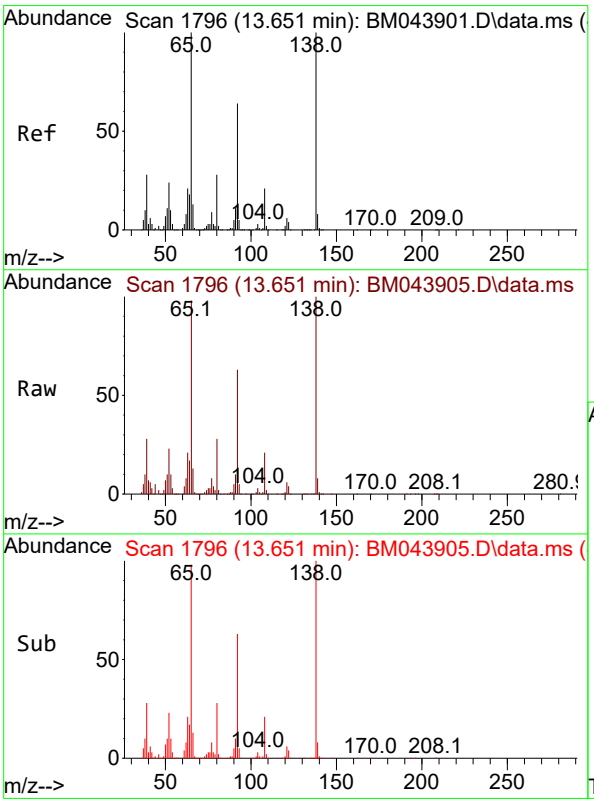
#47
2-Chloronaphthalene
Concen: 41.352 ng
RT: 13.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:162 Resp: 1608126

Ion	Ratio	Lower	Upper
162	100		
127	37.2	29.8	44.8
164	33.5	26.9	40.3

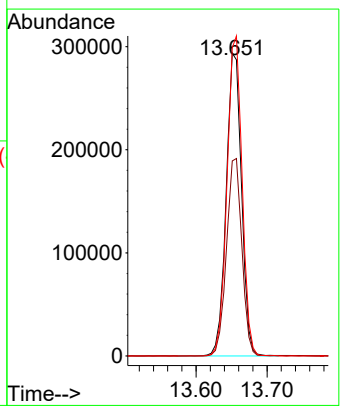


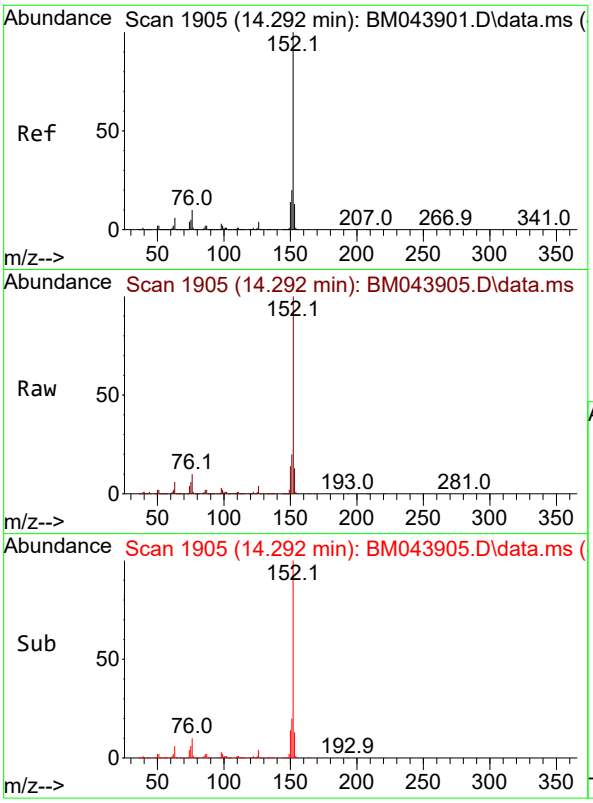


#48
2-Nitroaniline
Concen: 42.477 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion: 65 Resp: 439268

Ion	Ratio	Lower	Upper
65	100		
92	64.4	51.2	76.8
138	101.8	79.6	119.4



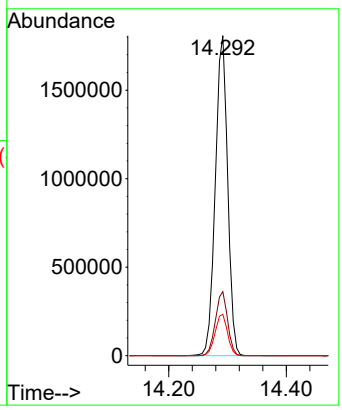


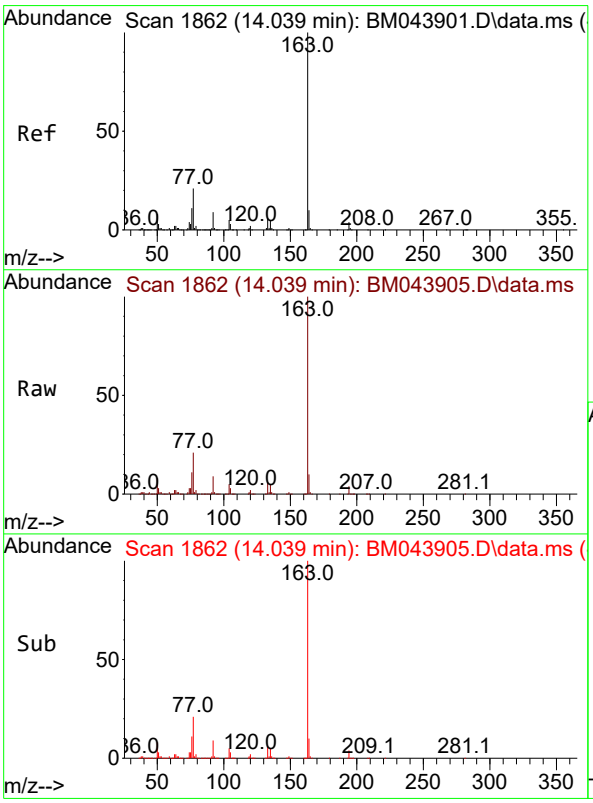
#49
Acenaphthylene
Concen: 41.342 ng
RT: 14.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:152 Resp: 2629653

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.0	10.5	15.7

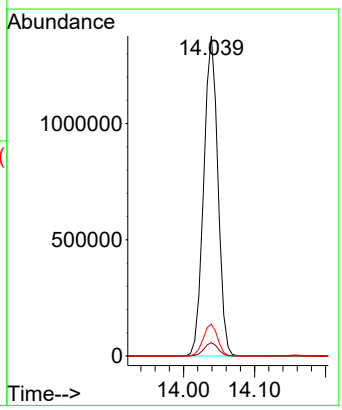


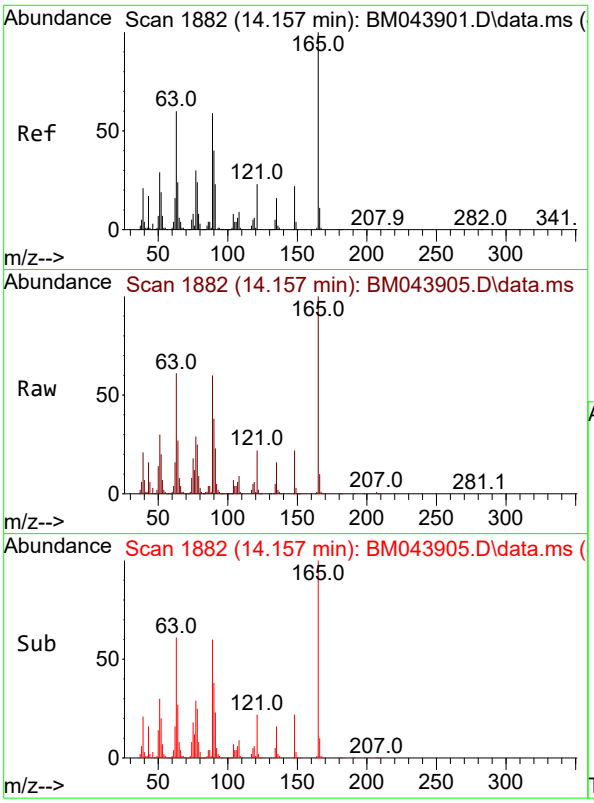


#50
Dimethylphthalate
Concen: 41.730 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:163 Resp: 1908653

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.9	7.9	11.9



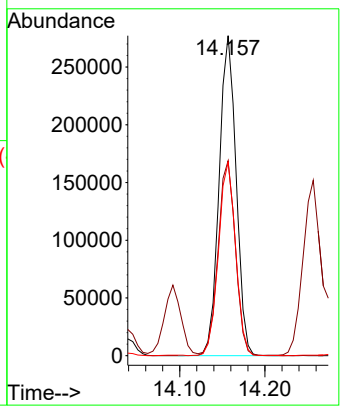


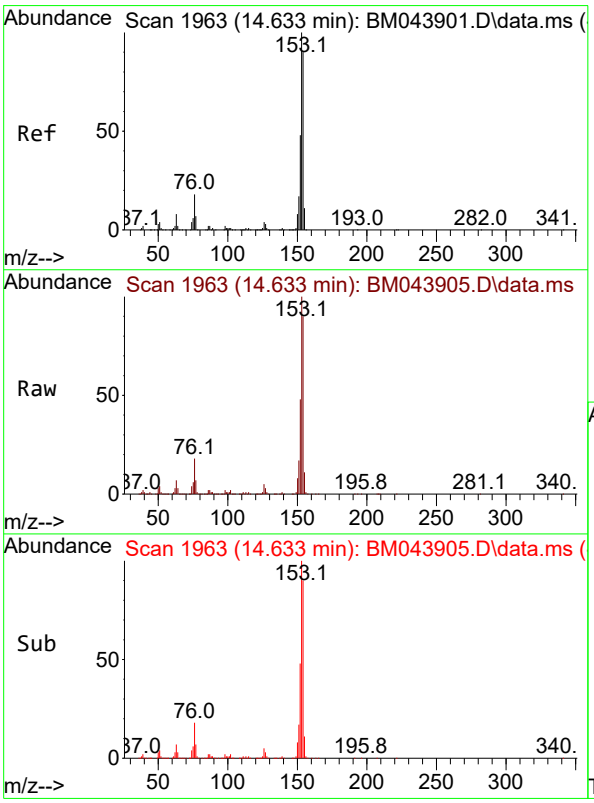
#51
2,6-Dinitrotoluene
Concen: 42.173 ng
RT: 14.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:165 Resp: 384706

Ion	Ratio	Lower	Upper
165	100		
63	60.9	50.6	76.0
89	60.5	47.5	71.3

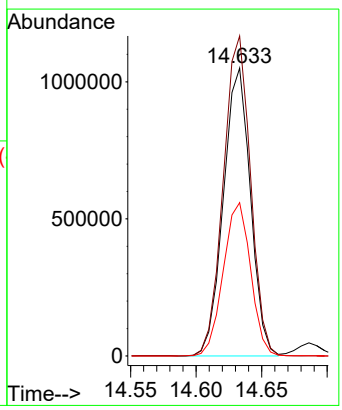


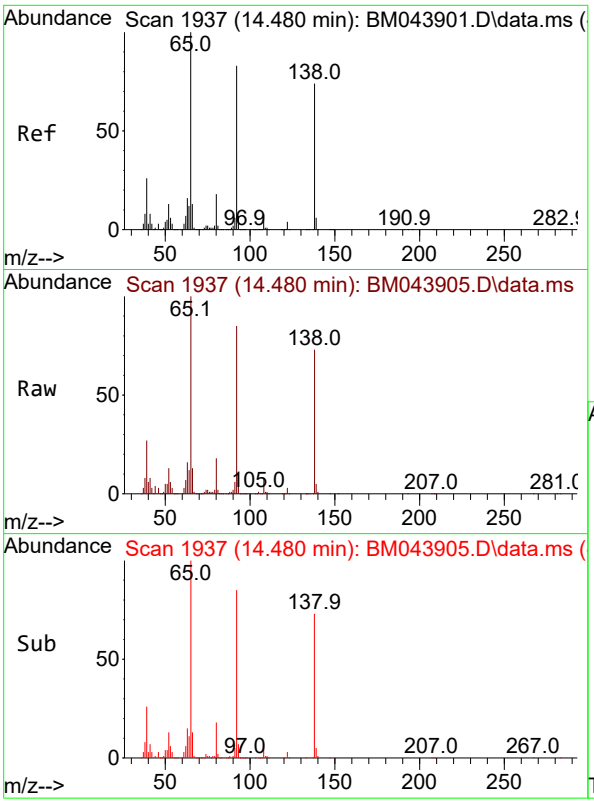


#52
Acenaphthene
Concen: 41.521 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:154 Resp: 1506895

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.1	133.7
152	53.3	42.6	64.0



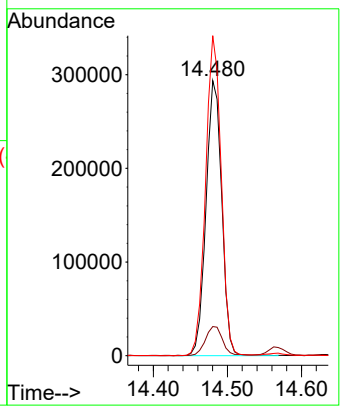


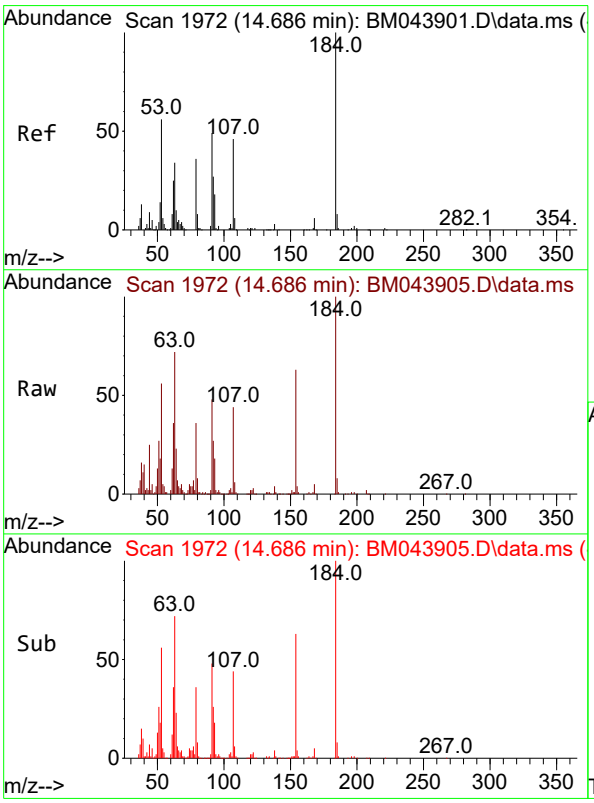
#53
3-Nitroaniline
Concen: 41.293 ng
RT: 14.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:138 Resp: 432072

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.1	13.7
92	116.3	90.7	136.1

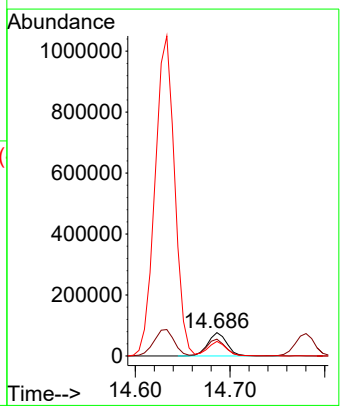


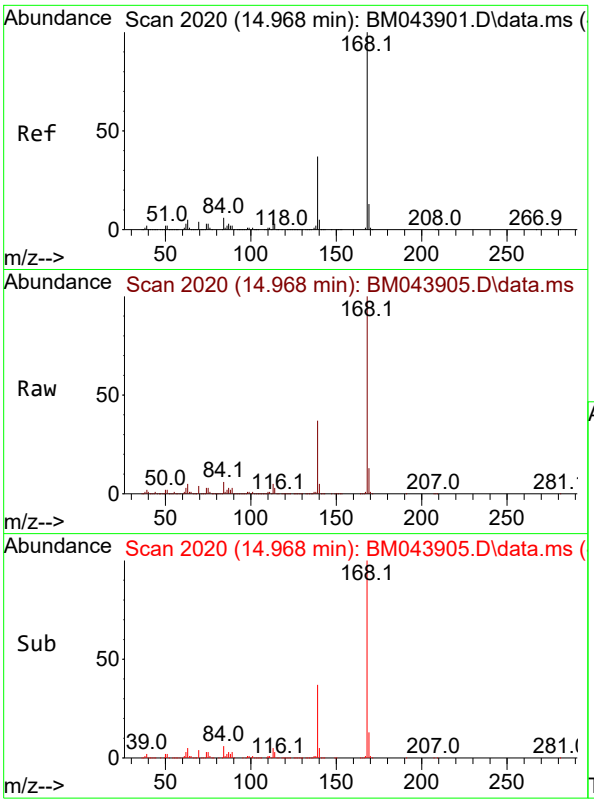


#54
2,4-Dinitrophenol
Concen: 45.970 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:184 Resp: 106360

Ion	Ratio	Lower	Upper
184	100		
63	72.2	59.8	89.6
154	62.6	50.3	75.5



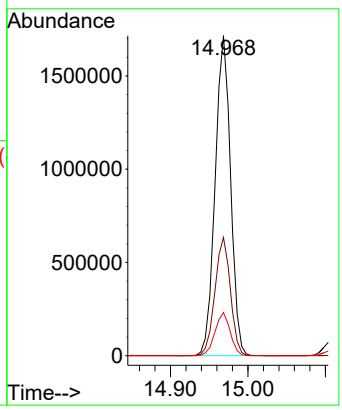


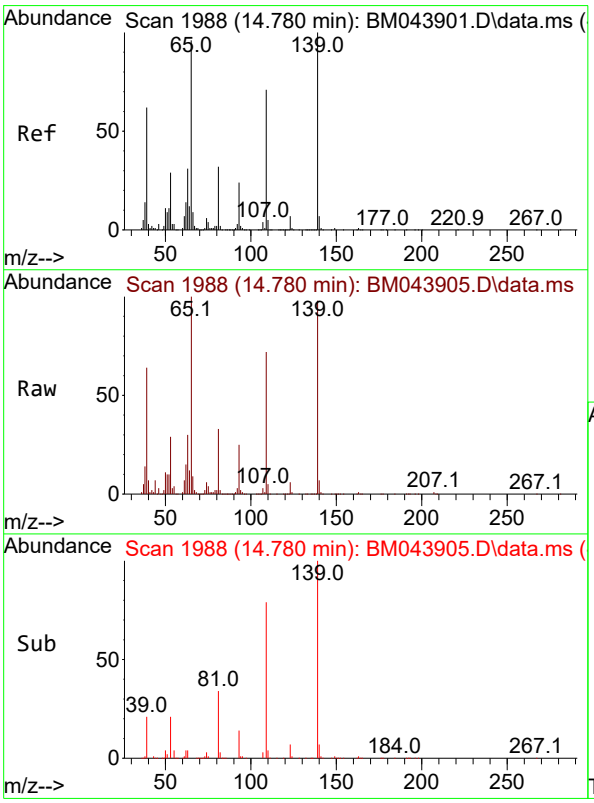
#55
Dibenzofuran
Concen: 41.050 ng
RT: 14.968 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:168 Resp: 2370507

Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.5	44.3
169	13.5	10.6	16.0

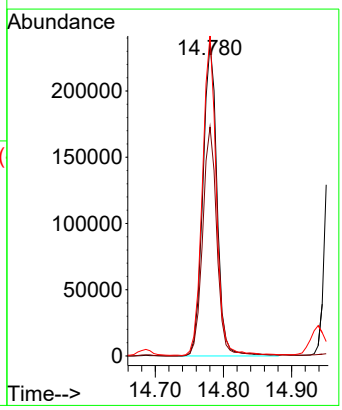


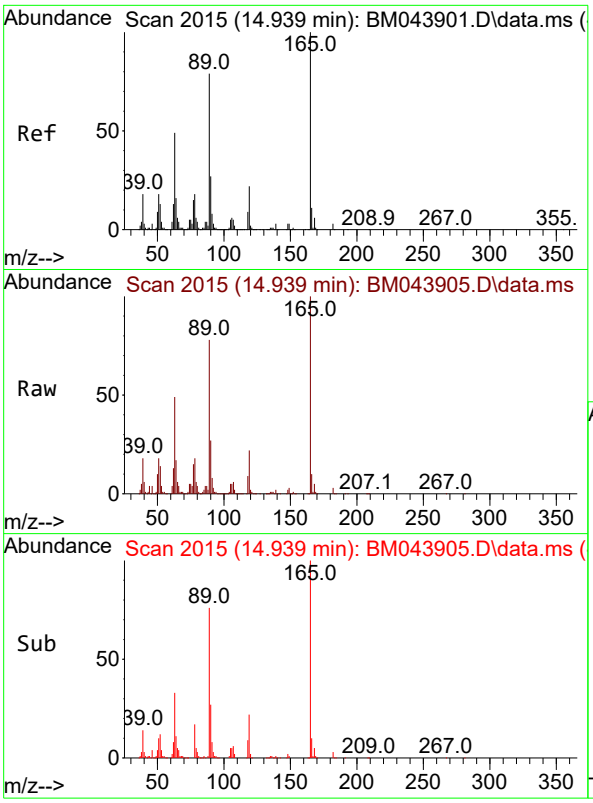


#56
4-Nitrophenol
Concen: 41.754 ng
RT: 14.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:139 Resp: 340881

Ion	Ratio	Lower	Upper
139	100		
109	73.3	51.1	91.1
65	102.4	75.8	115.8



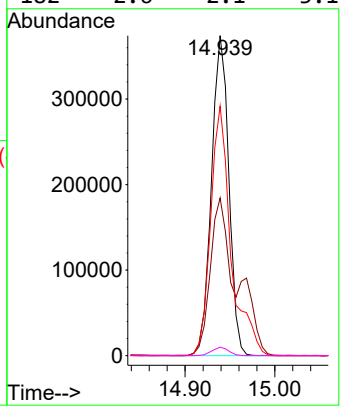


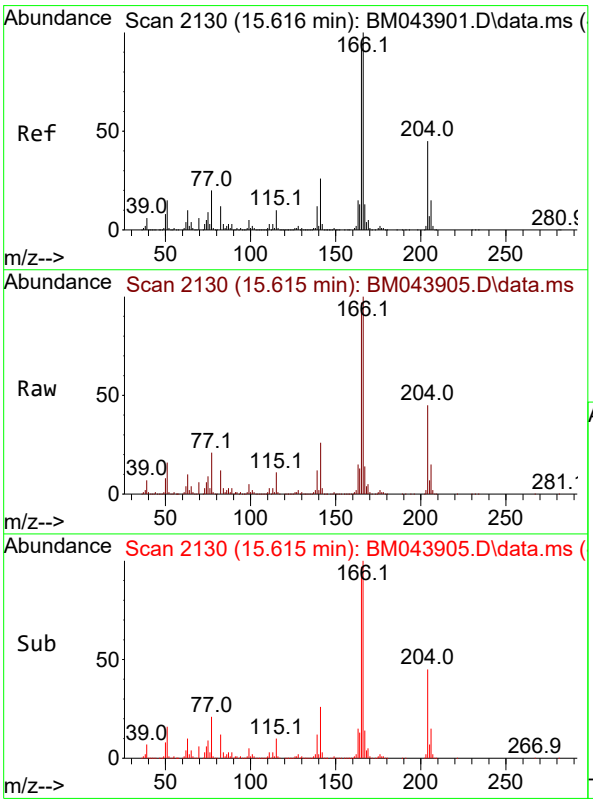
#57
2,4-Dinitrotoluene
Concen: 41.301 ng
RT: 14.939 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:165 Resp: 502316

Ion	Ratio	Lower	Upper
165	100		
63	49.3	39.0	58.6
89	78.0	63.0	94.6
182	2.6	2.1	3.1

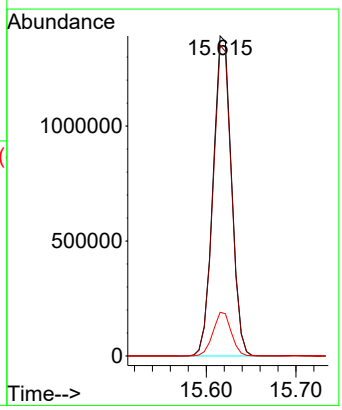


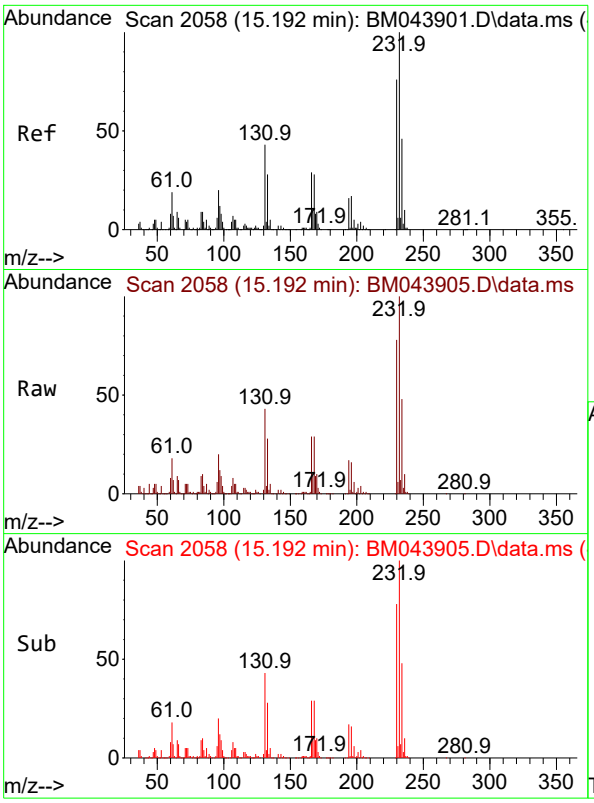


#58
Fluorene
Concen: 41.393 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:166 Resp: 1983566

Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.0	114.0
167	13.7	10.6	16.0



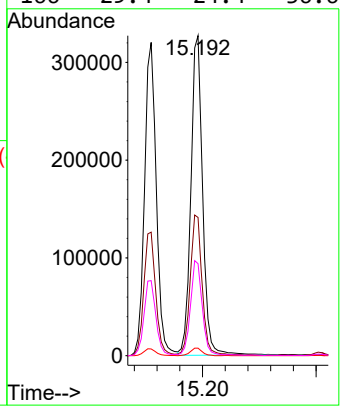


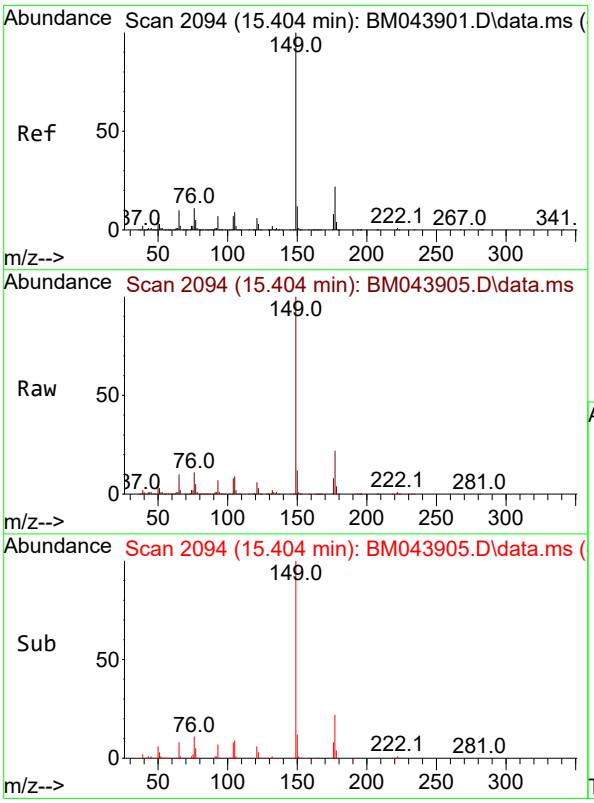
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.972 ng
RT: 15.192 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:232 Resp: 471580

Ion	Ratio	Lower	Upper
232	100		
131	44.2	36.6	55.0
130	2.4	1.9	2.9
166	29.4	24.4	36.6

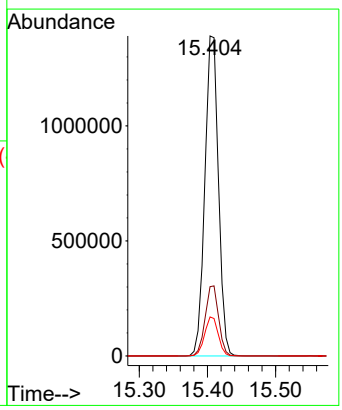


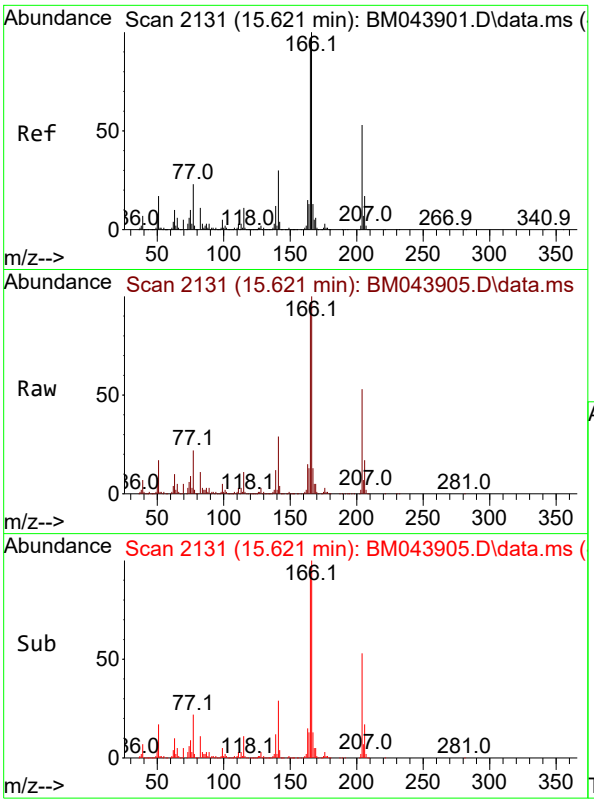


#60
Diethylphthalate
Concen: 41.432 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:149 Resp: 1928551

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.3	25.9
150	12.2	9.9	14.9



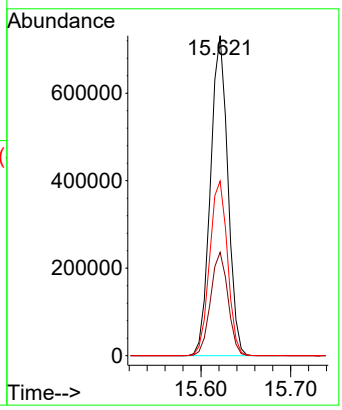


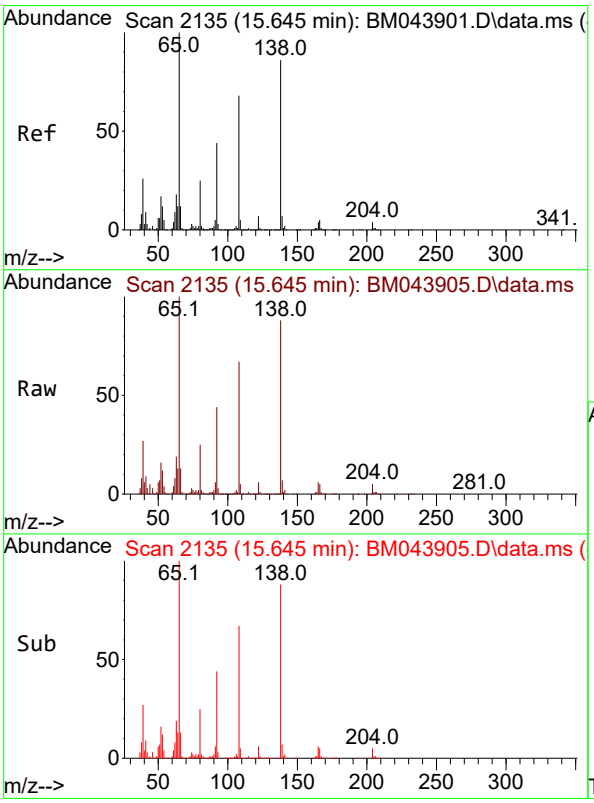
#61
4-Chlorophenyl-phenylether
Concen: 41.366 ng
RT: 15.621 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:204 Resp: 981417

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.4
141	54.6	44.9	67.3

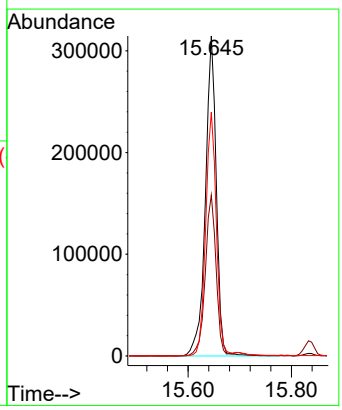


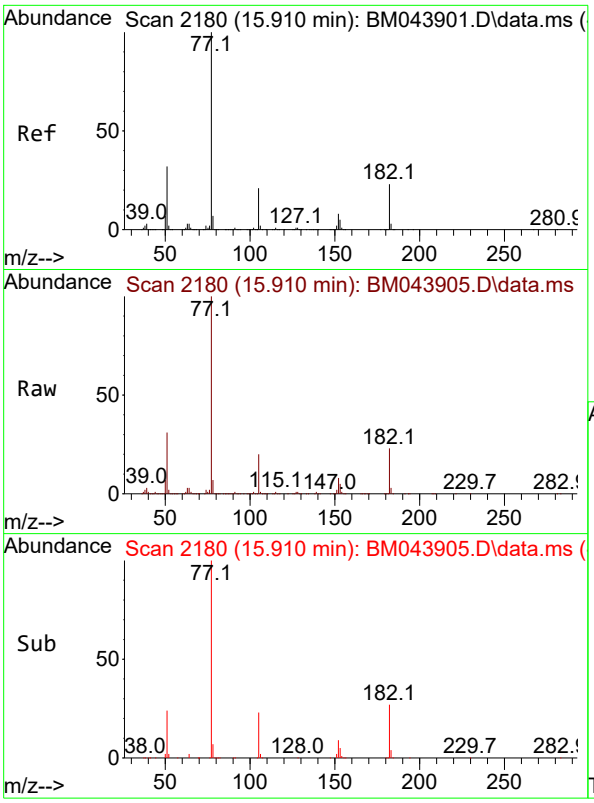


#62
4-Nitroaniline
Concen: 41.549 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:138 Resp: 459856

Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.6	71.6
108	76.2	58.9	98.9



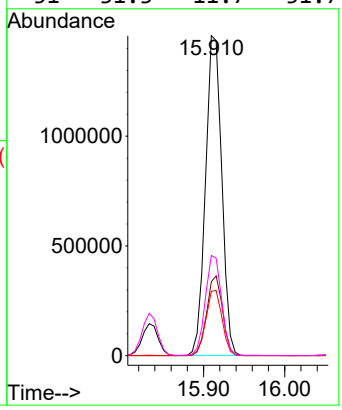


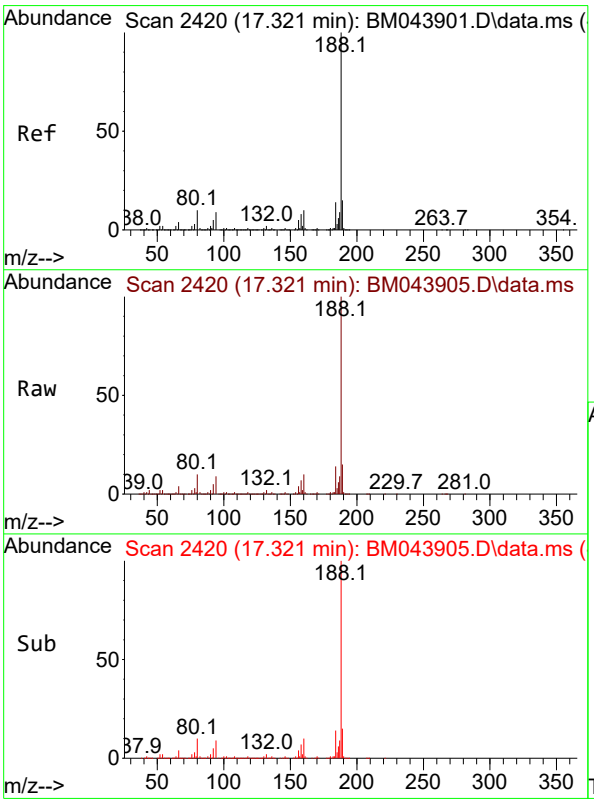
#63
Azobenzene
Concen: 41.169 ng
RT: 15.910 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion: 77 Resp: 2018620

Ion	Ratio	Lower	Upper
77	100		
182	23.1	3.3	43.3
105	20.1	0.8	40.8
51	31.3	11.7	51.7

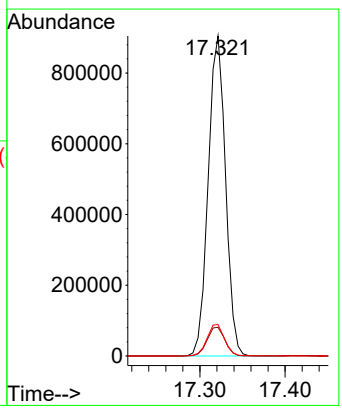


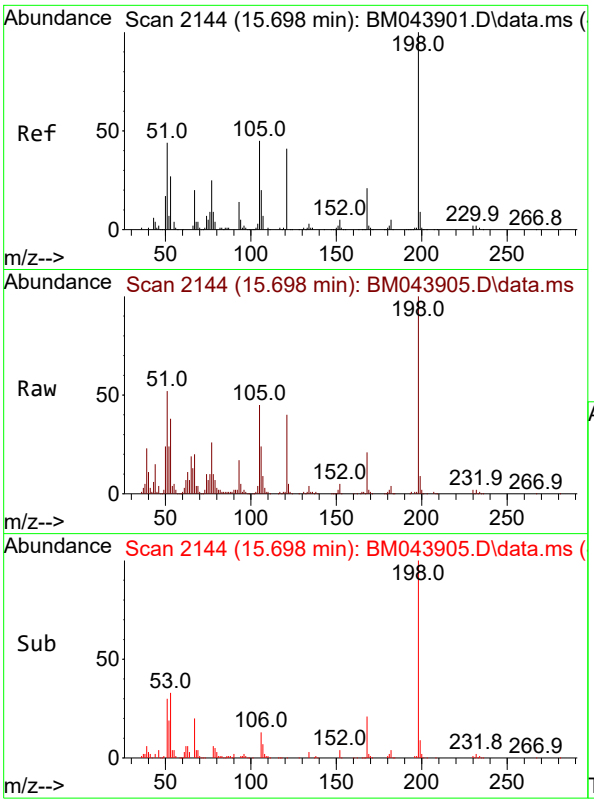


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:188 Resp: 1278089

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.8	7.8	11.8



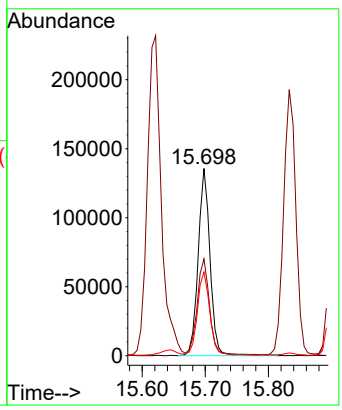


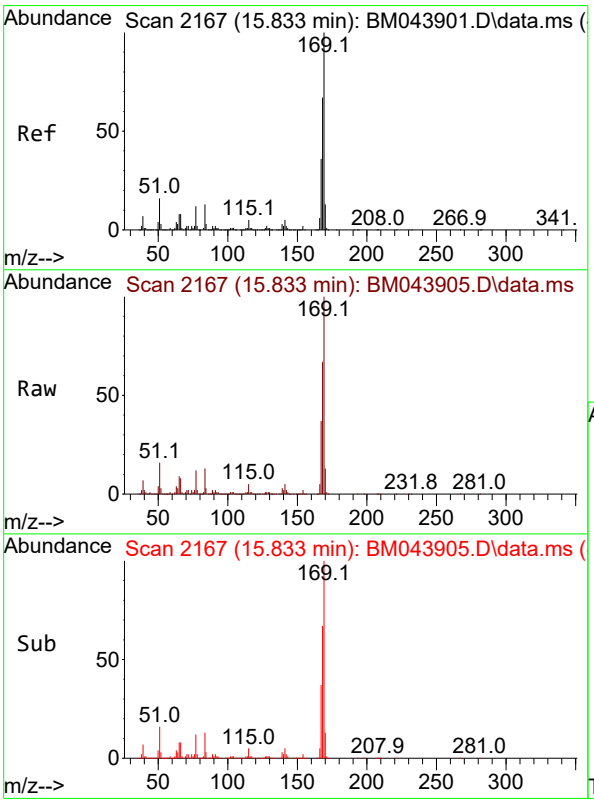
#65
4,6-Dinitro-2-methylphenol
Concen: 45.413 ng
RT: 15.698 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:198 Resp: 175756

Ion	Ratio	Lower	Upper
198	100		
51	51.7	31.7	71.7
105	44.7	27.0	67.0

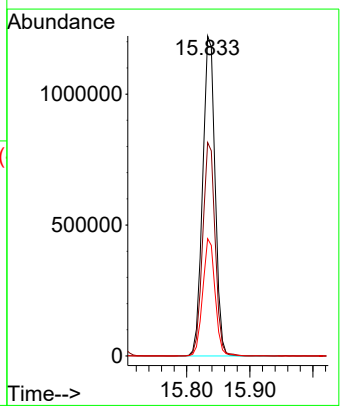


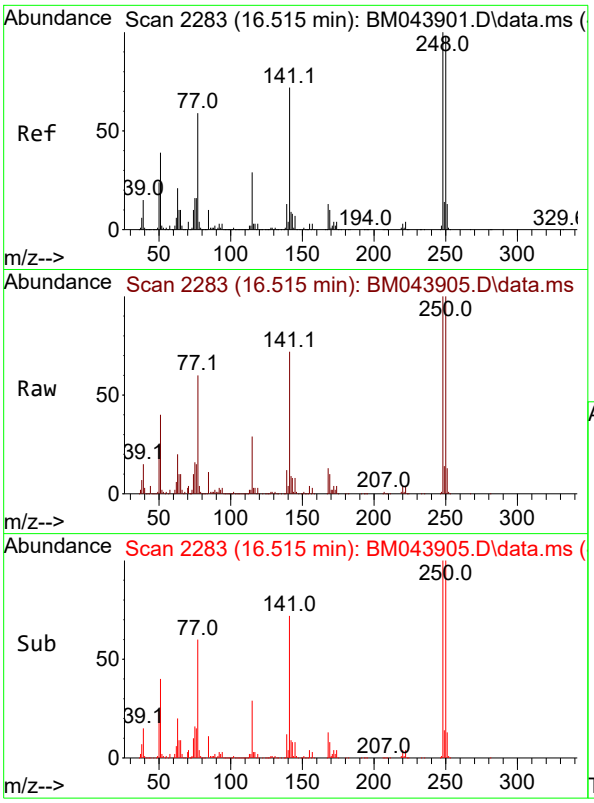


#66
n-Nitrosodiphenylamine
Concen: 41.755 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:169 Resp: 1670463

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.7	80.5
167	36.6	29.1	43.7



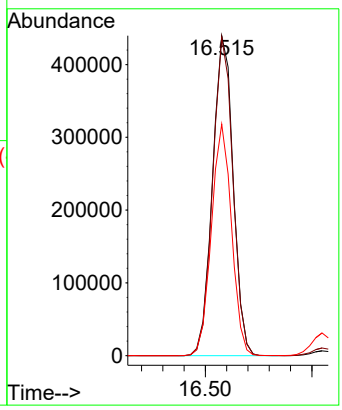


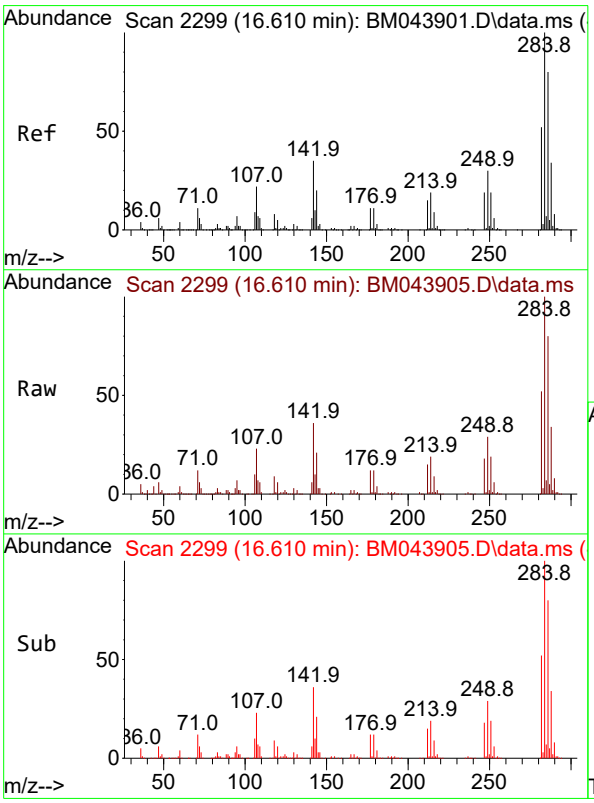
#67
4-Bromophenyl-phenylether
Concen: 41.106 ng
RT: 16.515 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:248 Resp: 589712

Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.2	117.2
141	72.4	57.4	86.0

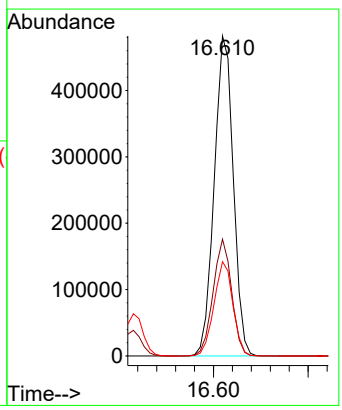


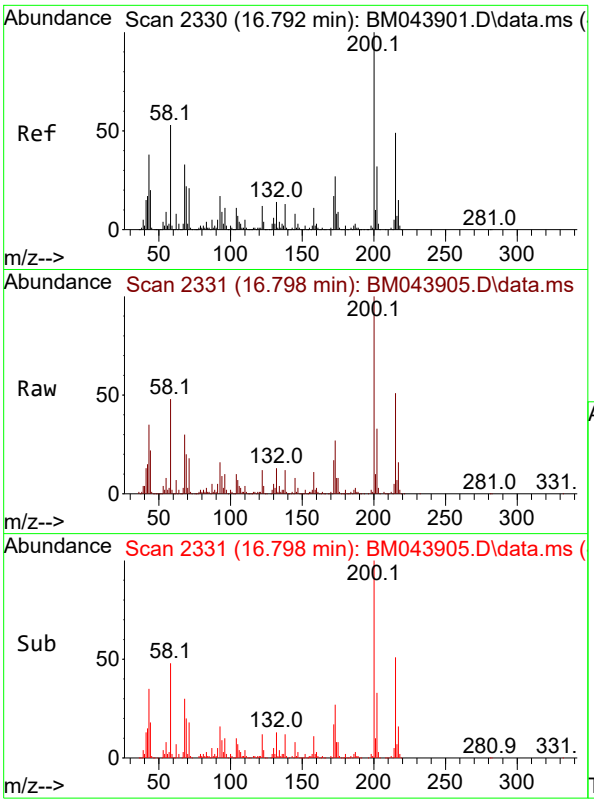


#68
Hexachlorobenzene
Concen: 40.833 ng
RT: 16.610 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:284 Resp: 674522

Ion	Ratio	Lower	Upper
284	100		
142	36.5	27.7	41.5
249	29.5	23.8	35.6



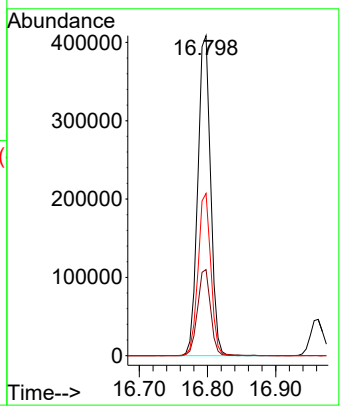


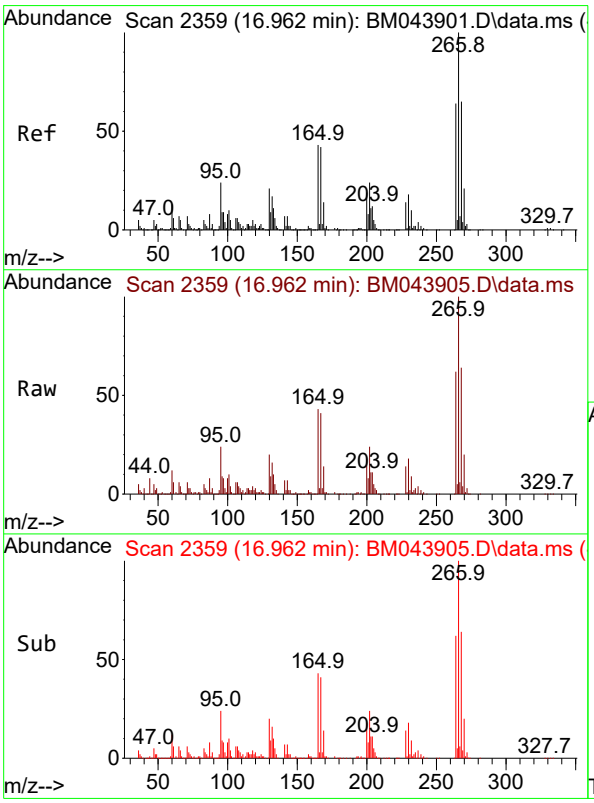
#69
Atrazine
Concen: 42.878 ng
RT: 16.798 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:200 Resp: 533798

Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.2	47.2
215	50.7	29.1	69.1

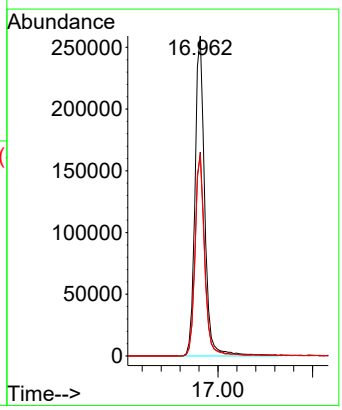


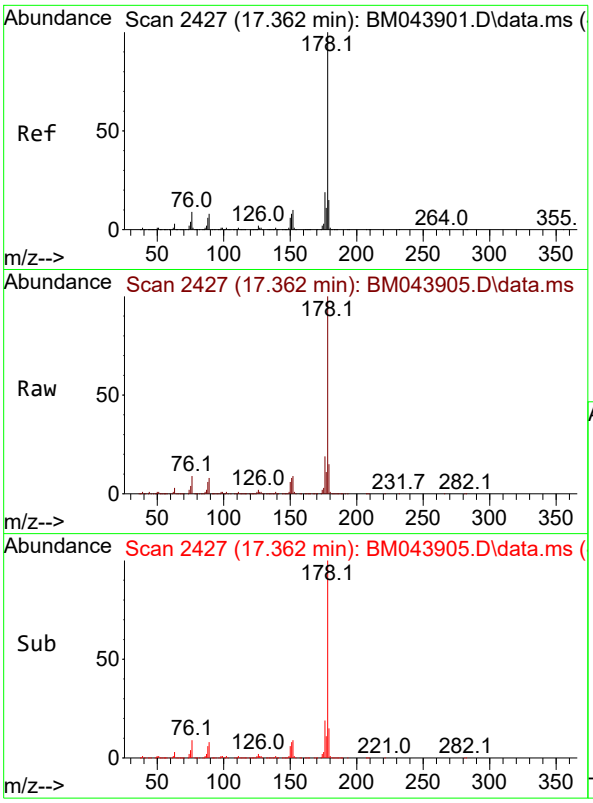


#70
Pentachlorophenol
Concen: 41.527 ng
RT: 16.962 min Scan# 2359
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:266 Resp: 368865

Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.2	78.2
264	62.4	51.6	77.4



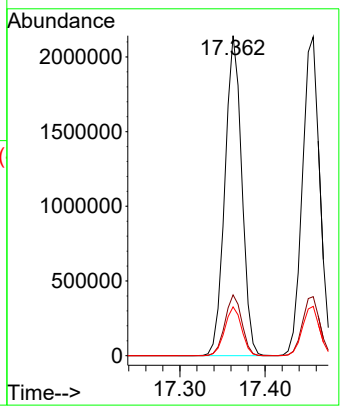


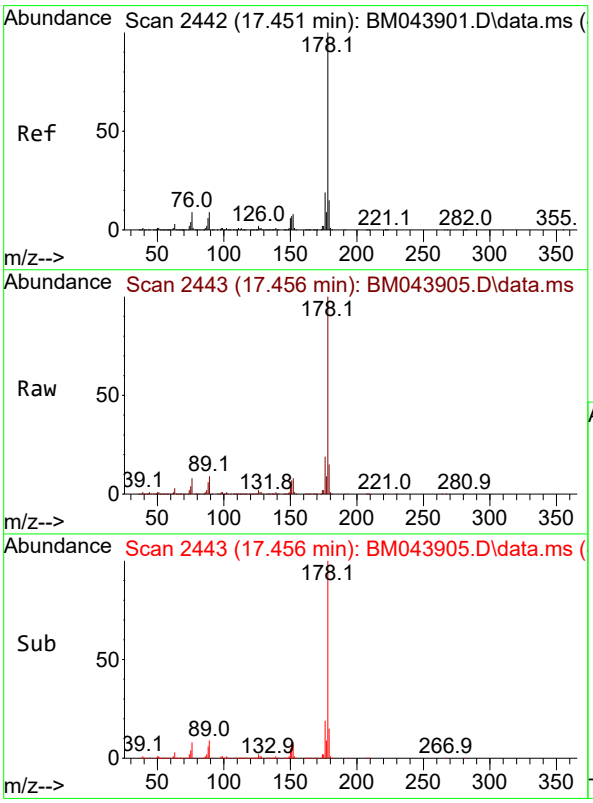
#71
Phenanthrene
Concen: 41.134 ng
RT: 17.362 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:178 Resp: 2943211

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.2	18.2

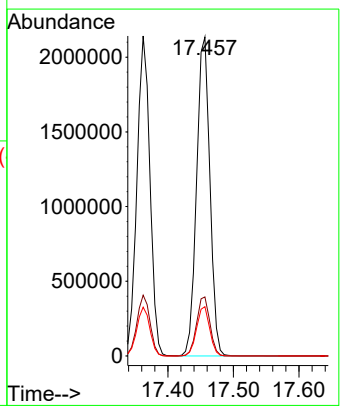


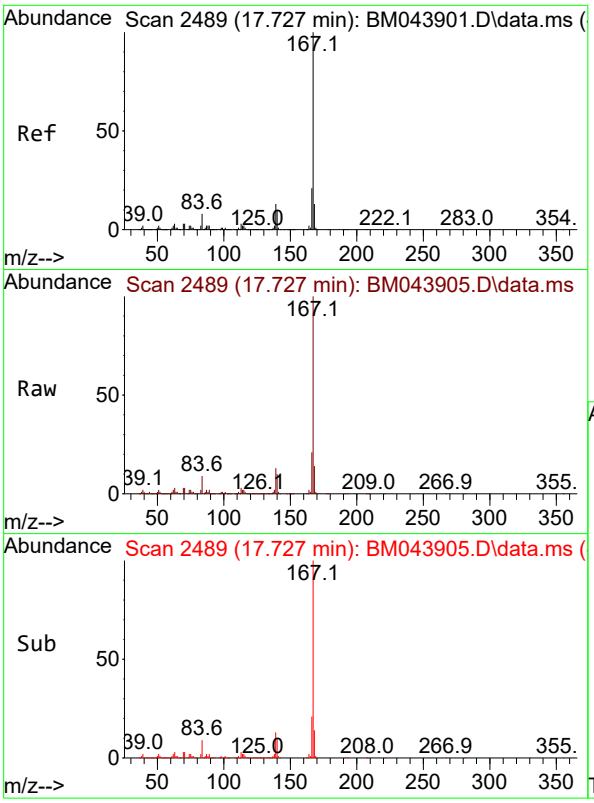


#72
Anthracene
Concen: 41.368 ng
RT: 17.456 min Scan# 2443
Delta R.T. 0.006 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:178 Resp: 3014731

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.4	12.3	18.5



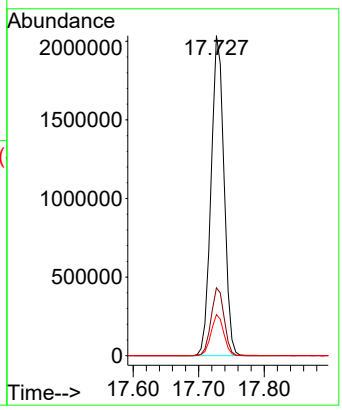


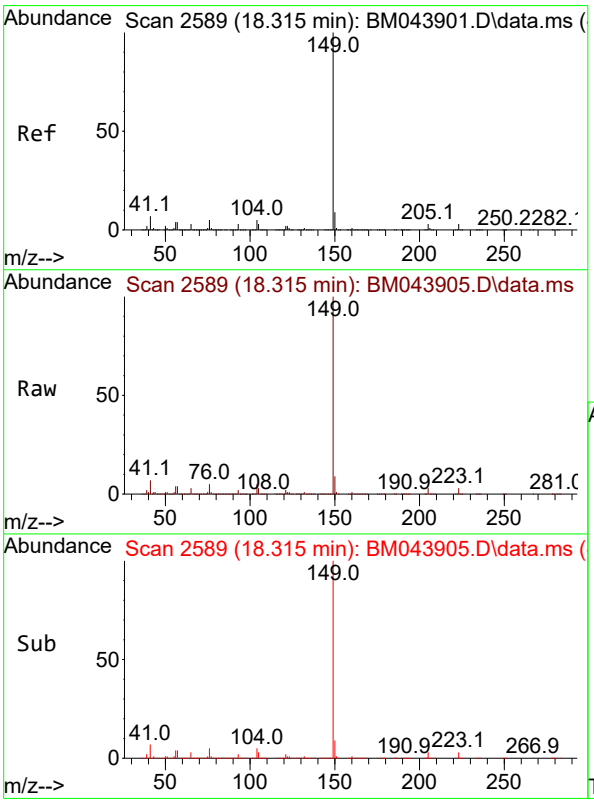
#73
Carbazole
Concen: 41.485 ng
RT: 17.727 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:167 Resp: 2789138

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.8	10.2	15.4

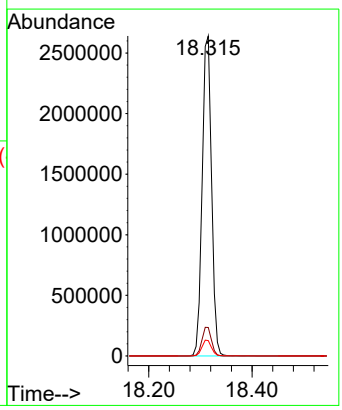


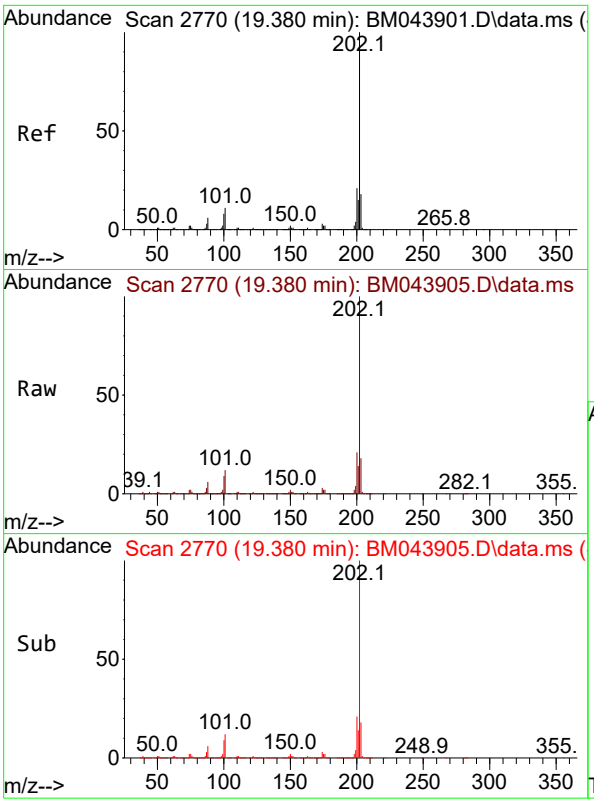


#74
Di-n-butylphthalate
Concen: 42.922 ng
RT: 18.315 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:149 Resp: 3318358

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	4.8	4.1	6.1



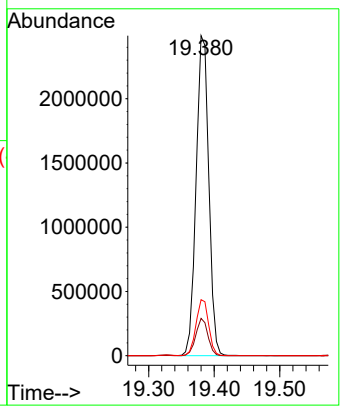


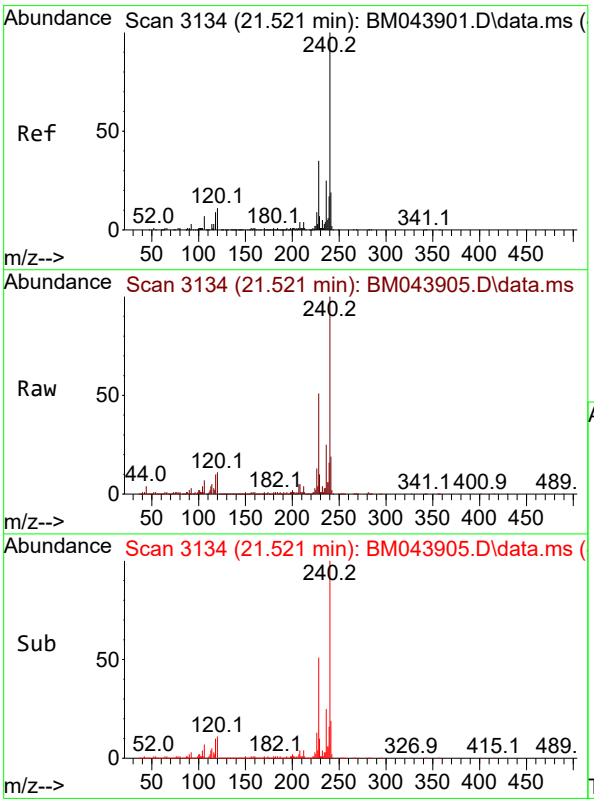
#75
Fluoranthene
Concen: 40.989 ng
RT: 19.380 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:202 Resp: 3347336

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.4
203	17.5	0.0	37.6

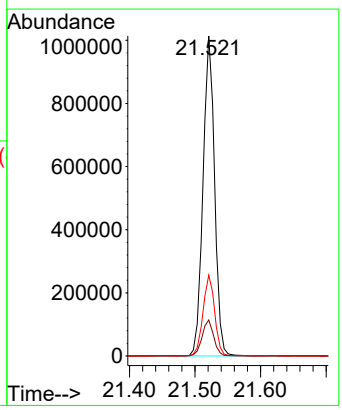


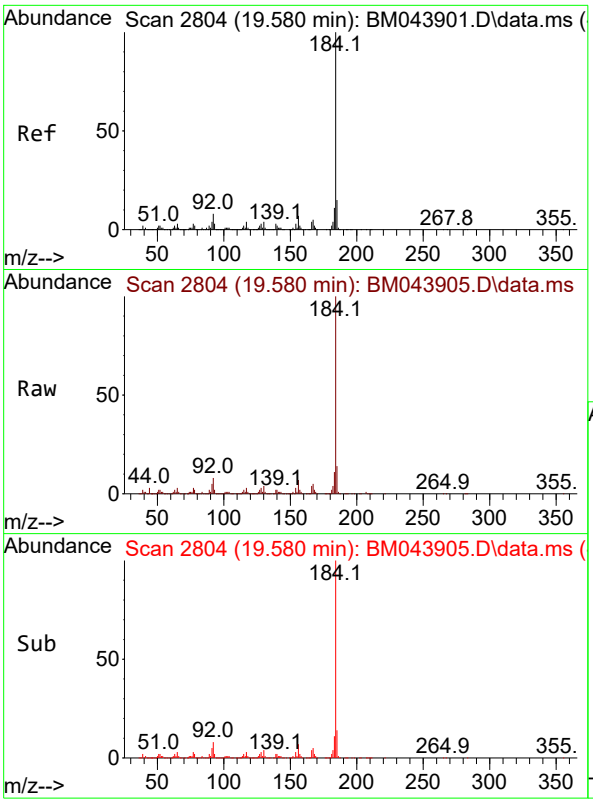


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:240 Resp: 1246991

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.6	12.8
236	25.3	20.2	30.2



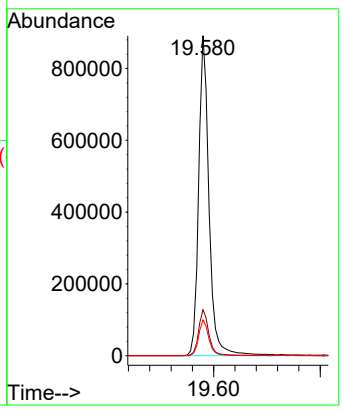


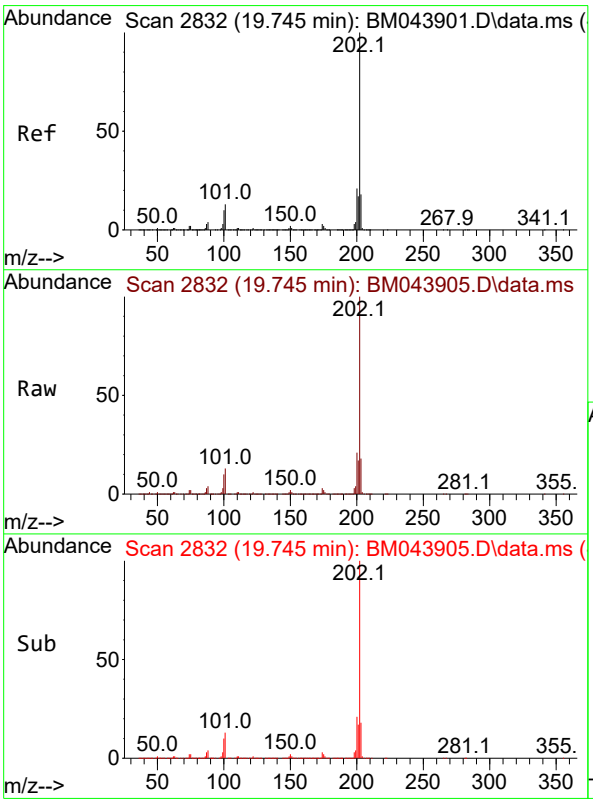
#77
Benzidine
Concen: 44.413 ng
RT: 19.580 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:184 Resp: 1203424

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	11.2	8.8	13.2

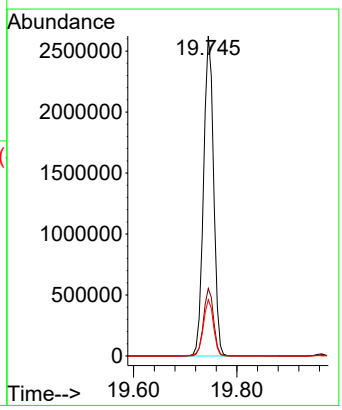


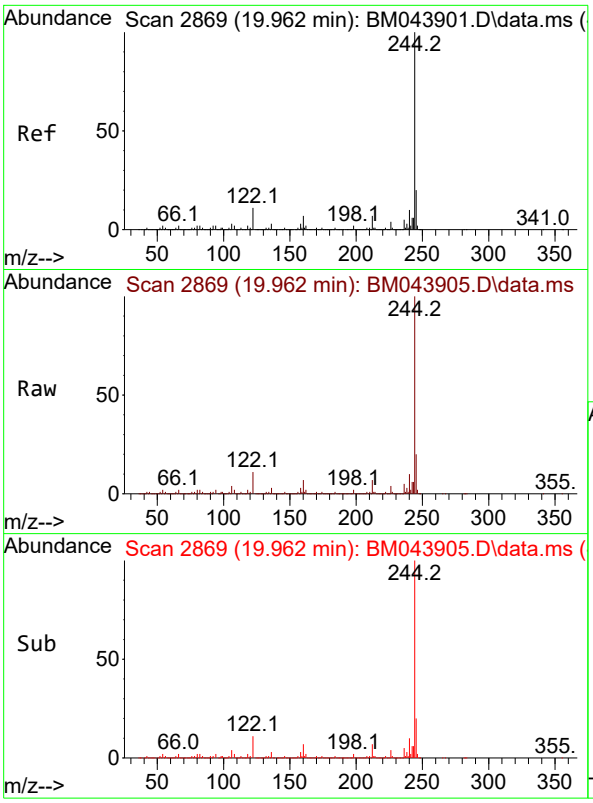


#78
Pyrene
Concen: 41.521 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:202 Resp: 3540066

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.6	14.1	21.1



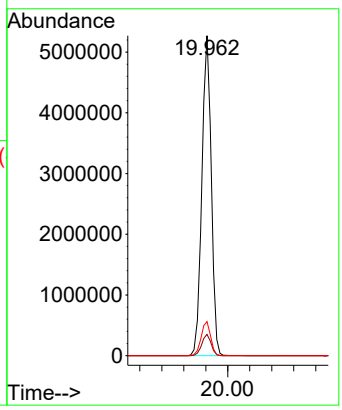


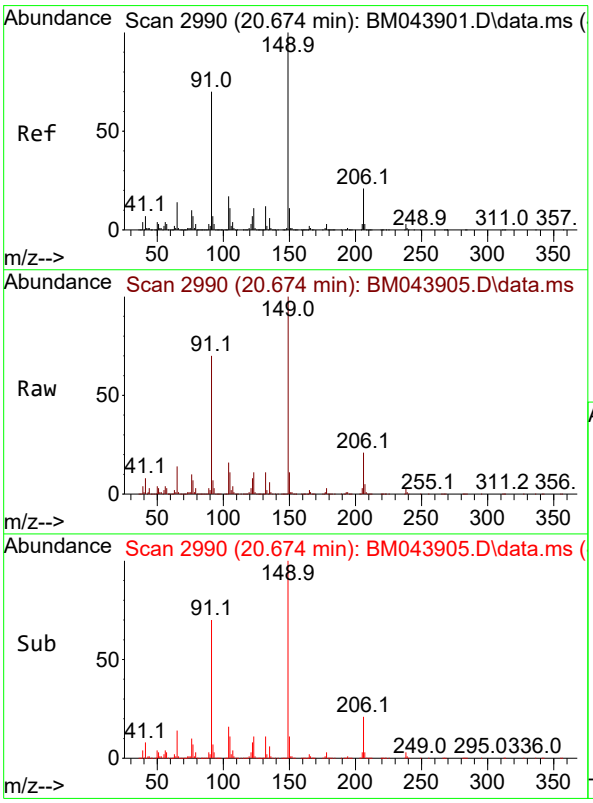
#79
Terphenyl-d14
Concen: 85.636 ng
RT: 19.962 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:244 Resp: 6259343

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.7	8.4	12.6

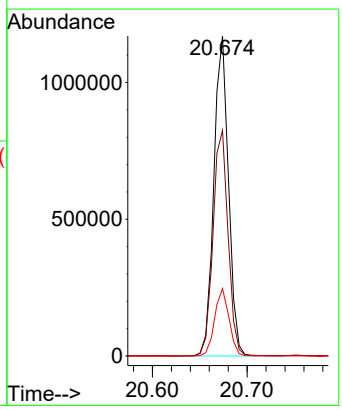


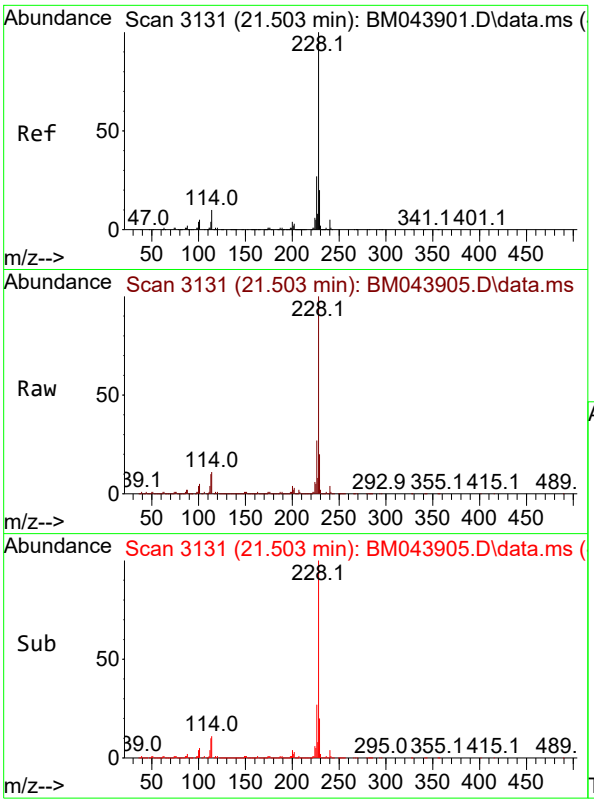


#80
Butylbenzylphthalate
Concen: 40.450 ng
RT: 20.674 min Scan# 2990
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:149 Resp: 1248909

Ion	Ratio	Lower	Upper
149	100		
91	70.5	55.6	83.4
206	21.1	17.0	25.4



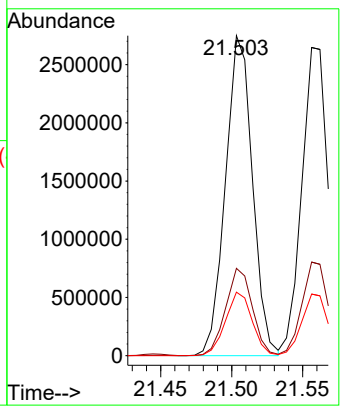


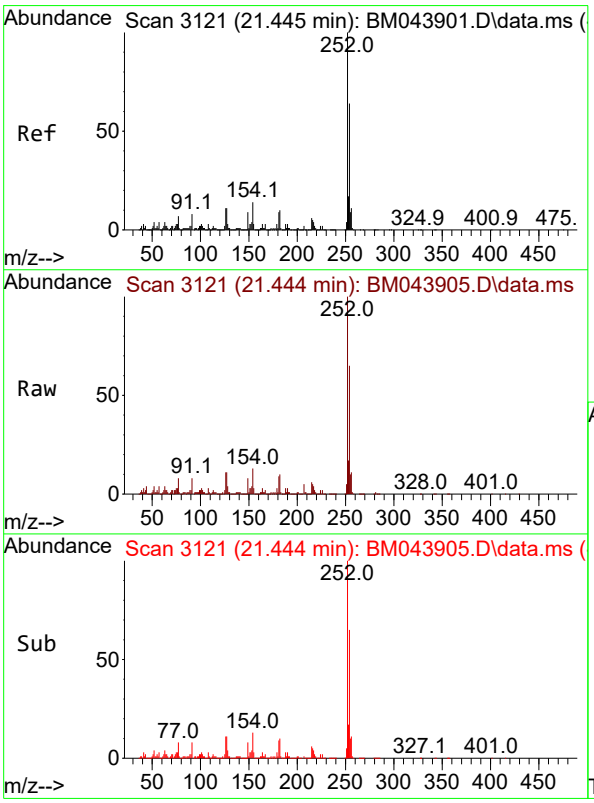
#81
Benzo(a)anthracene
Concen: 41.276 ng
RT: 21.503 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:228 Resp: 3638767

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	19.8	15.8	23.6

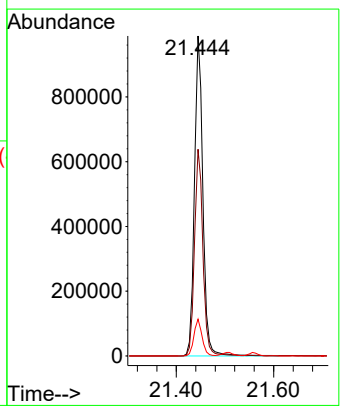


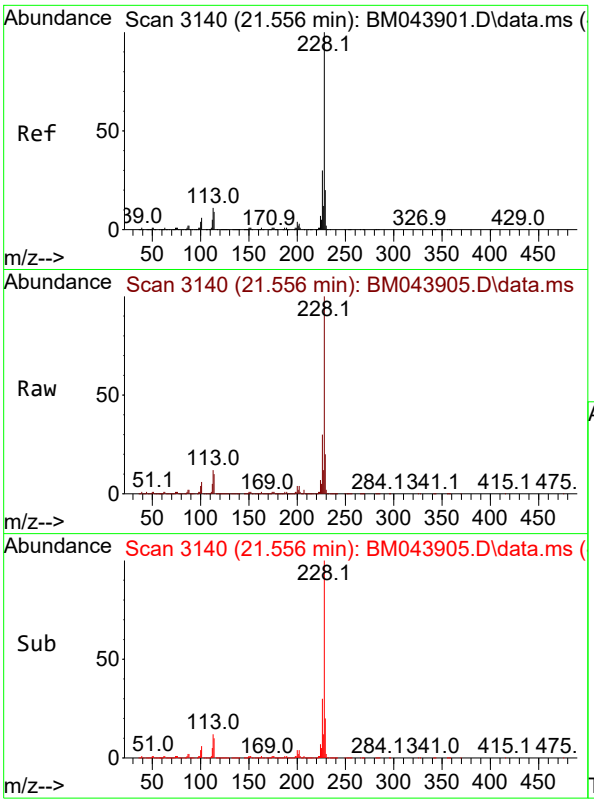


#82
3,3'-Dichlorobenzidine
Concen: 44.154 ng
RT: 21.444 min Scan# 3121
Delta R.T. -0.001 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:252 Resp: 1196605

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.2	76.8
126	11.5	9.0	13.4



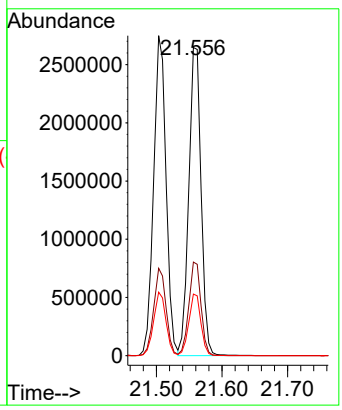


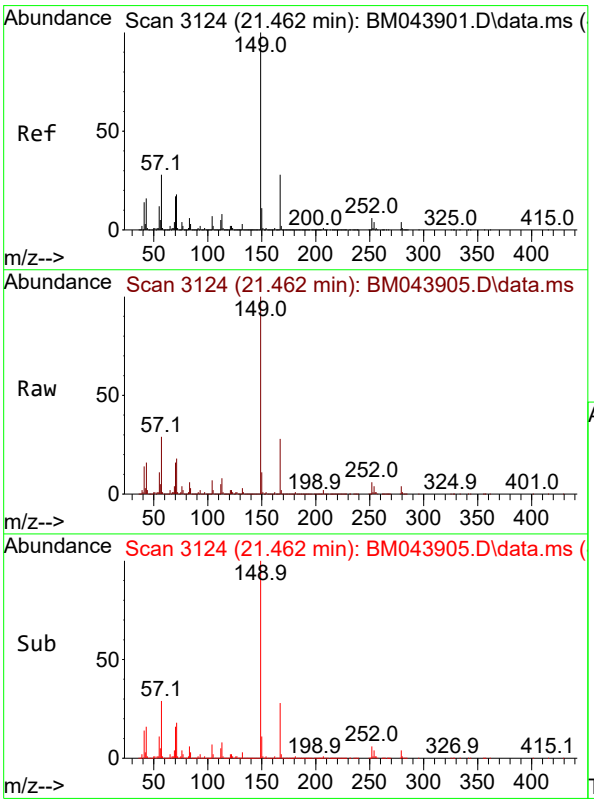
#83
Chrysene
Concen: 41.604 ng
RT: 21.556 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:228 Resp: 3441642

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	20.0	15.7	23.5

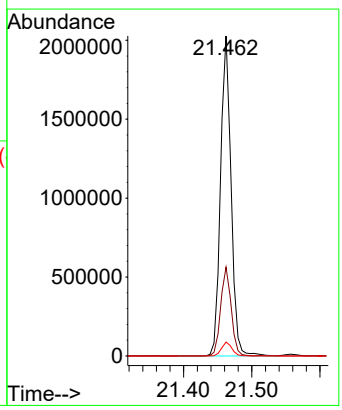


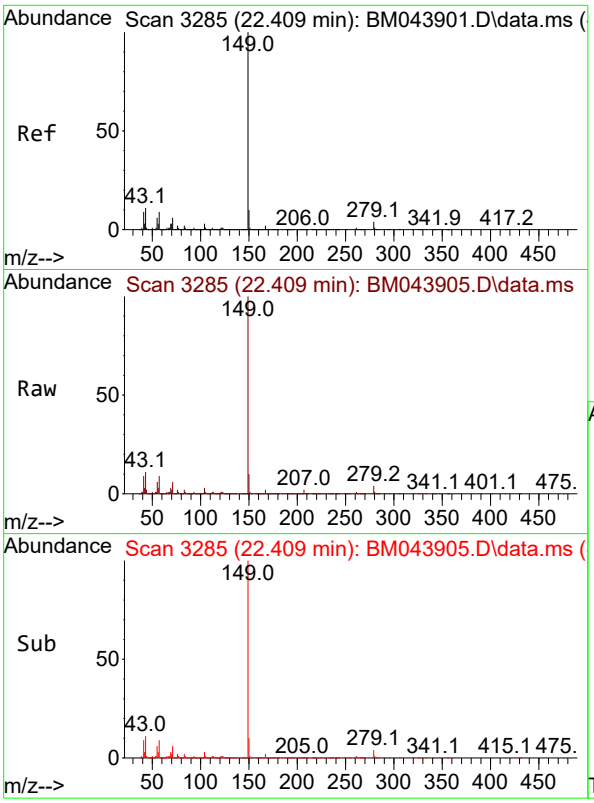


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.621 ng
RT: 21.462 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:149 Resp: 2177597

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	33.8
279	4.3	3.4	5.2



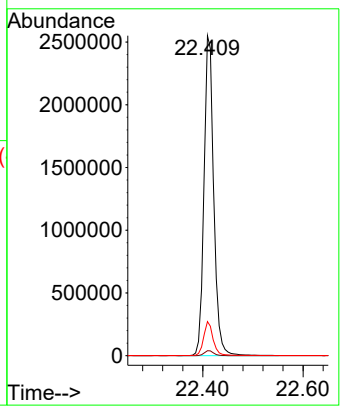


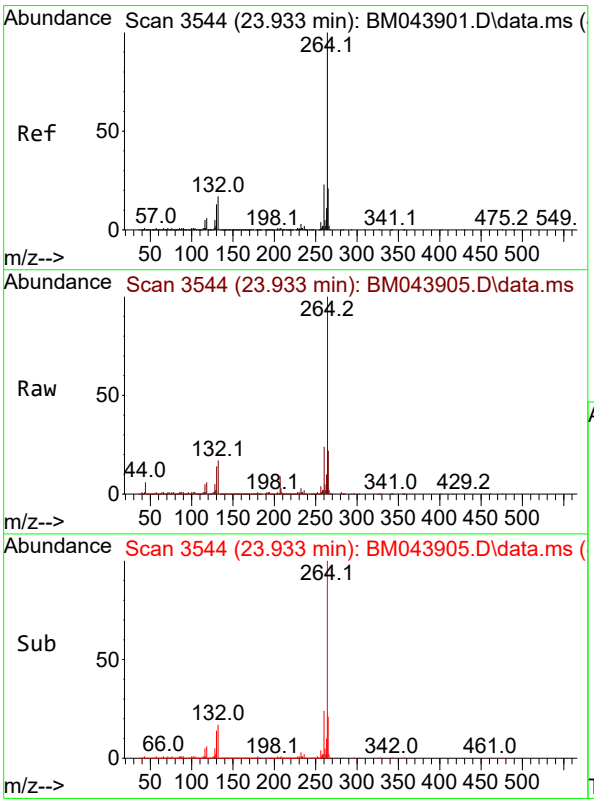
#85
Di-n-octyl phthalate
Concen: 43.136 ng
RT: 22.409 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:149 Resp: 3431700

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	8.4	12.6

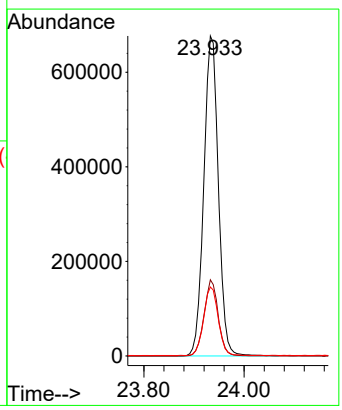


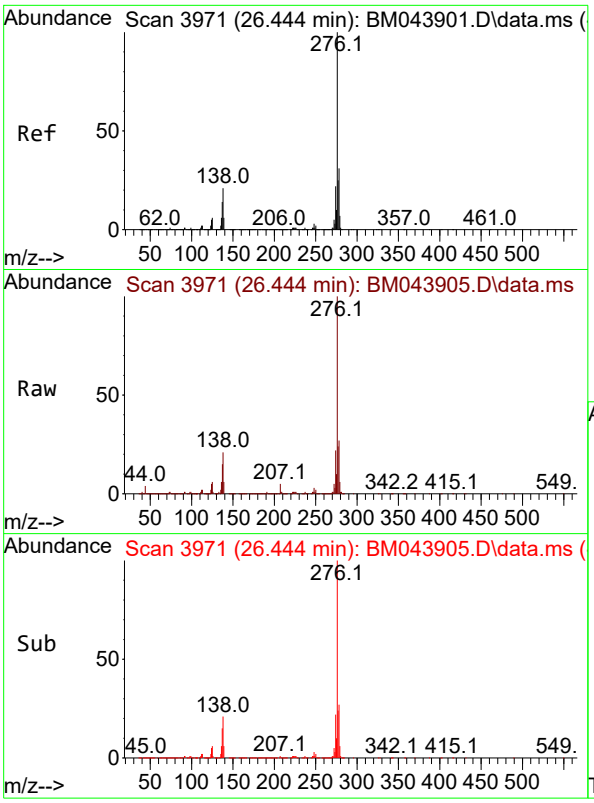


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3544
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:264 Resp: 1366509

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.6	17.3	25.9



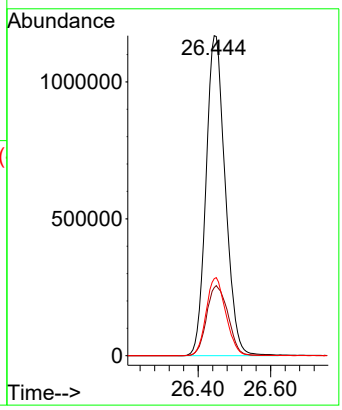


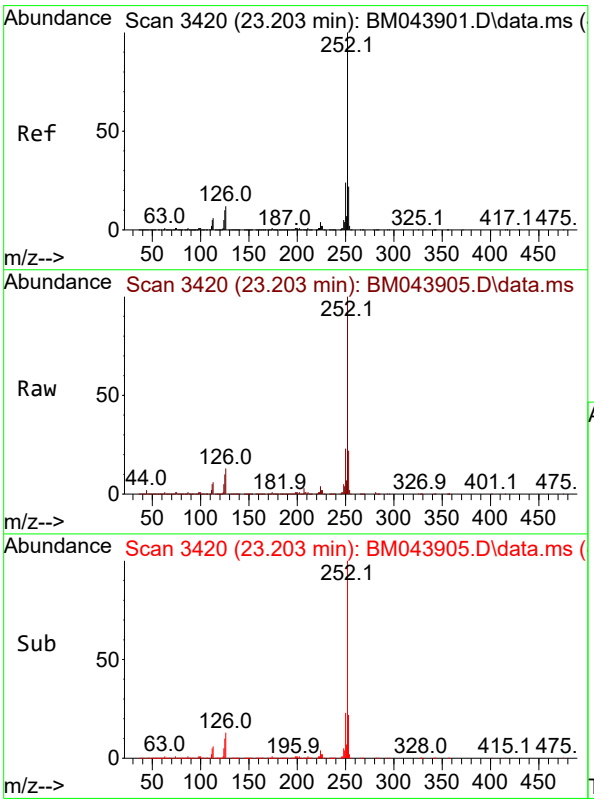
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.996 ng
RT: 26.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:276 Resp: 4300962

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.2
277	25.0	20.0	30.0

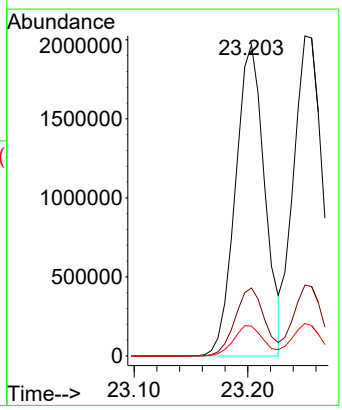


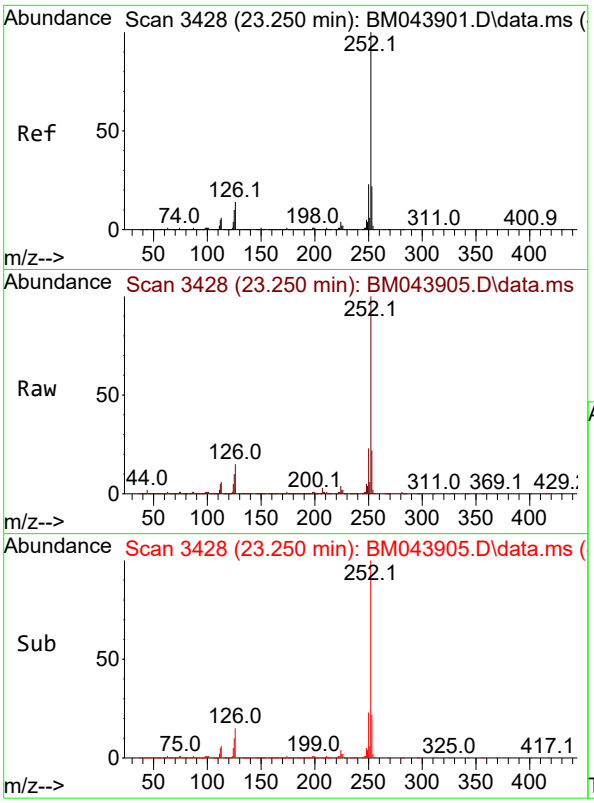


#88
Benzo(b)fluoranthene
Concen: 41.633 ng
RT: 23.203 min Scan# 3420
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:252 Resp: 3532131

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.6	7.7	11.5



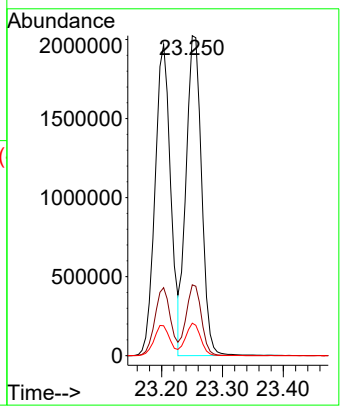


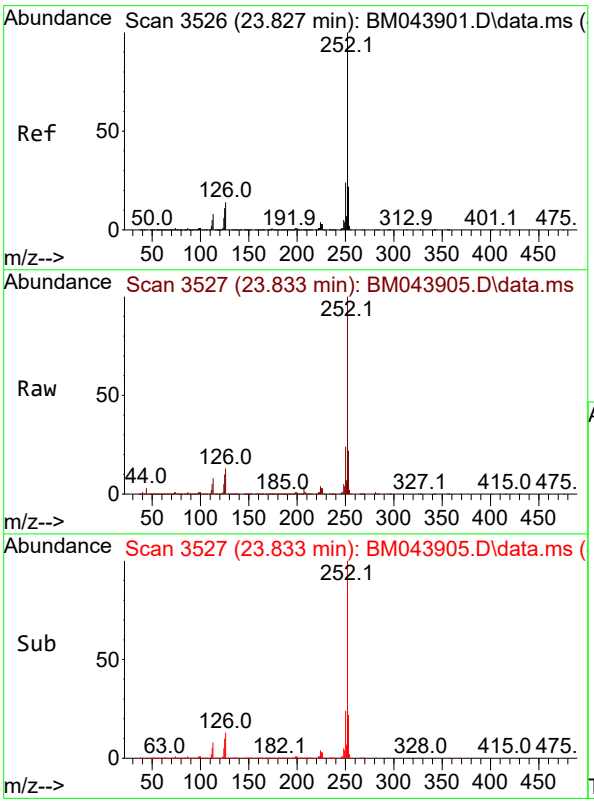
#89
Benzo(k)fluoranthene
Concen: 41.873 ng
RT: 23.250 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Tgt Ion:252 Resp: 3587388

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.2	7.8	11.8

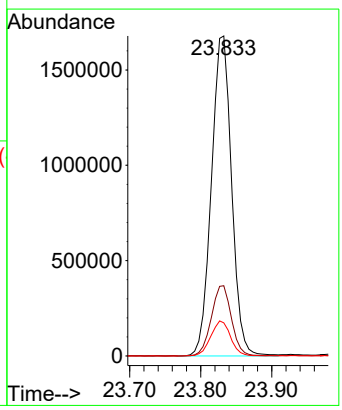


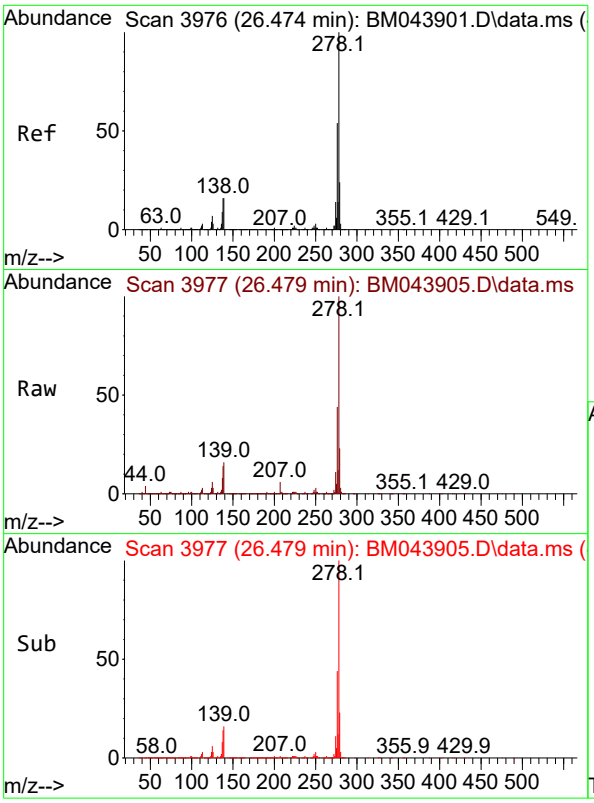


#90
Benzo(a)pyrene
Concen: 42.112 ng
RT: 23.833 min Scan# 3527
Delta R.T. 0.006 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:252 Resp: 3306741

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.3	8.7	13.1



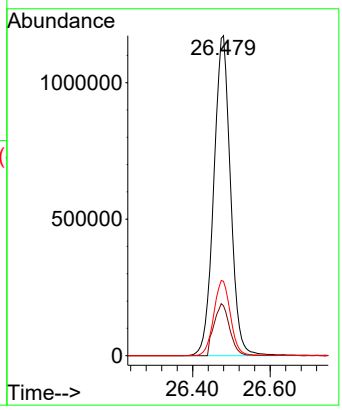


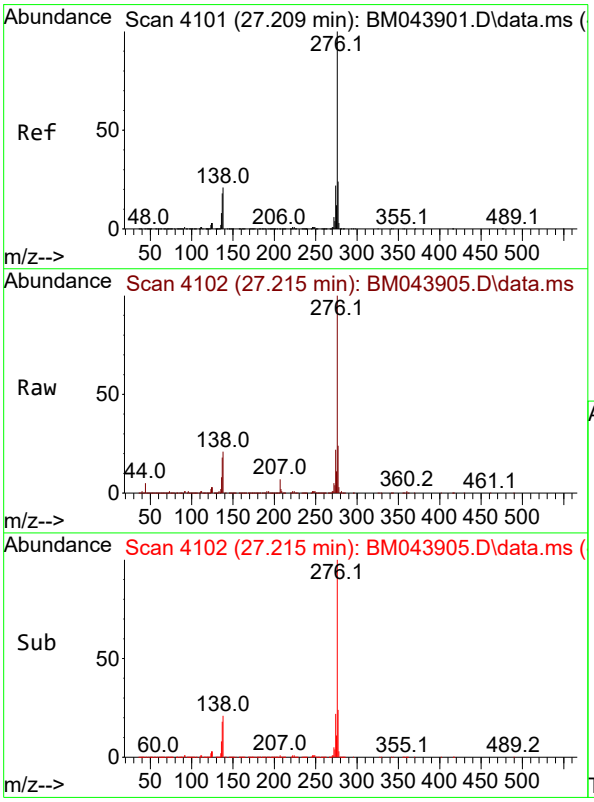
#91
Dibenzo(a,h)anthracene
Concen: 42.155 ng
RT: 26.479 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

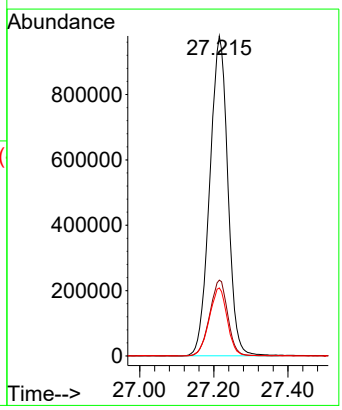
Tgt Ion:278 Resp: 3520685

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.4	18.6
279	23.2	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 42.577 ng
RT: 27.215 min Scan# 4102
Delta R.T. 0.006 min
Lab File: BM043905.D
Acq: 25 Jan 2024 16:06

Tgt Ion:276 Resp: 3313580

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	21.3	17.0	25.4