Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043983.D
Acq On : 06 Feb 2024 09:30
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 07 03:51:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	257373	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1175059	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	734305	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1634266	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1758444	20.000	ng		0.00
86) Perylene-d12	23.927	264	2114018	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1411038	80.961	ng		0.00
7) Phenol-d6	7.087	99	2059637	79.983	ng		0.00
23) Nitrobenzene-d5	9.092	82	1955136	80.207	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	727351	81.258	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	4254724	79.617	ng		0.00
79) Terphenyl-d14	19.956	244	7699993	84.530	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	275226	40.861	ng		99
3) Pyridine	3.793	79	870620	42.473	ng		99
4) n-Nitrosodimethylamine	3.716	42	357082	40.522	ng		98
6) Aniline	7.251	93	1002840	39.141	ng		99
8) 2-Chlorophenol	7.481	128	765185	39.543	ng		97
9) Benzaldehyde	7.069	77	490280	42.105	ng		98
10) Phenol	7.116	94	1011170	39.493	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	789183	39.327	ng		97
12) 1,3-Dichlorobenzene	7.810	146	815402	39.030	ng		99
13) 1,4-Dichlorobenzene	7.957	146	833371	39.443	ng		100
14) 1,2-Dichlorobenzene	8.269	146	813601	39.046	ng		100
15) Benzyl Alcohol	8.169	79	683600	38.731	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1031355m	38.325	ng		
17) 2-Methylphenol	8.369	107	641082	39.170	ng		99
18) Hexachloroethane	8.998	117	311845	39.331	ng		99
19) n-Nitroso-di-n-propyla...	8.740	70	662166	39.079	ng		99
20) 3+4-Methylphenols	8.698	107	911163	39.444	ng		99
22) Acetophenone	8.751	105	1259542	39.560	ng	#	98
24) Nitrobenzene	9.134	77	979320	40.042	ng		99
25) Isophorone	9.657	82	1795664	39.572	ng		98
26) 2-Nitrophenol	9.845	139	401720	40.641	ng		97
27) 2,4-Dimethylphenol	9.904	122	543608	40.052	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	1093712	39.468	ng		99
29) 2,4-Dichlorophenol	10.375	162	709971	41.011	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	775774	39.677	ng		100
31) Naphthalene	10.775	128	2578278	39.366	ng		99
32) Benzoic acid	10.028	122	520453	36.629	ng		93
33) 4-Chloroaniline	10.892	127	1076666	39.994	ng		99
34) Hexachlorobutadiene	11.051	225	420347	39.418	ng		99
35) Caprolactam	11.681	113	284437	40.067	ng		100
36) 4-Chloro-3-methylphenol	12.016	107	857070	40.429	ng		99
37) 2-Methylnaphthalene	12.386	142	1793399	39.265	ng		100
38) 1-Methylnaphthalene	12.610	142	1791023	39.281	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	820479	39.396	ng		99
41) Hexachlorocyclopentadiene	12.722	237	292468	42.699	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	576644	40.971	ng		98

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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 07 03:51:47 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	658697	41.021	ng	98
46) 1,1'-Biphenyl	13.404	154	2265335	39.230	ng	100
47) 2-Chloronaphthalene	13.439	162	1819384	39.508	ng	99
48) 2-Nitroaniline	13.651	65	615332	41.083	ng	97
49) Acenaphthylene	14.286	152	2803624	39.827	ng	99
50) Dimethylphthalate	14.039	163	2237484	39.228	ng	99
51) 2,6-Dinitrotoluene	14.157	165	512253	40.857	ng	99
52) Acenaphthene	14.627	154	1767832	39.615	ng	98
53) 3-Nitroaniline	14.480	138	601799	41.347	ng	95
54) 2,4-Dinitrophenol	14.686	184	256591	37.380	ng	99
55) Dibenzofuran	14.963	168	2721589	39.189	ng	99
56) 4-Nitrophenol	14.786	139	534687	42.037	ng	96
57) 2,4-Dinitrotoluene	14.939	165	724647	41.521	ng	99
58) Fluorene	15.616	166	2356459	40.180	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	553377	39.975	ng	99
60) Diethylphthalate	15.404	149	2331212	39.481	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	1093673	39.970	ng	100
62) 4-Nitroaniline	15.645	138	668165	41.986	ng	98
63) Azobenzene	15.910	77	2399168	40.681	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	371365	38.208	ng	98
66) n-Nitrosodiphenylamine	15.833	169	1950018	40.057	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	640907	39.809	ng	99
68) Hexachlorobenzene	16.610	284	753104	39.234	ng	99
69) Atrazine	16.792	200	555289	41.231	ng	99
70) Pentachlorophenol	16.957	266	526507	41.772	ng	99
71) Phenanthrene	17.362	178	3643144	40.023	ng	100
72) Anthracene	17.451	178	3599476	40.390	ng	99
73) Carbazole	17.727	167	3750260	40.633	ng	100
74) Di-n-butylphthalate	18.309	149	4145249	40.954	ng	100
75) Fluoranthene	19.380	202	4554634	40.461	ng	100
77) Benzidine	19.580	184	1430953	64.138	ng	99
78) Pyrene	19.745	202	4848857	40.115	ng	99
80) Butylbenzylphthalate	20.668	149	1974946	41.262	ng	98
81) Benzo(a)anthracene	21.503	228	4968773	40.277	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	1652207	41.885	ng	99
83) Chrysene	21.556	228	4702956	39.791	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	2976455	41.816	ng	100
85) Di-n-octyl phthalate	22.397	149	5131888	41.852	ng	100
87) Indeno(1,2,3-cd)pyrene	26.438	276	6345434	40.114	ng	100
88) Benzo(b)fluoranthene	23.197	252	5325548	40.049	ng	99
89) Benzo(k)fluoranthene	23.250	252	5221651	40.929	ng	100
90) Benzo(a)pyrene	23.821	252	4768899	40.573	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	5203701	39.888	ng	100
92) Benzo(g,h,i)perylene	27.209	276	5236274	39.351	ng	99

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

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Instrument :
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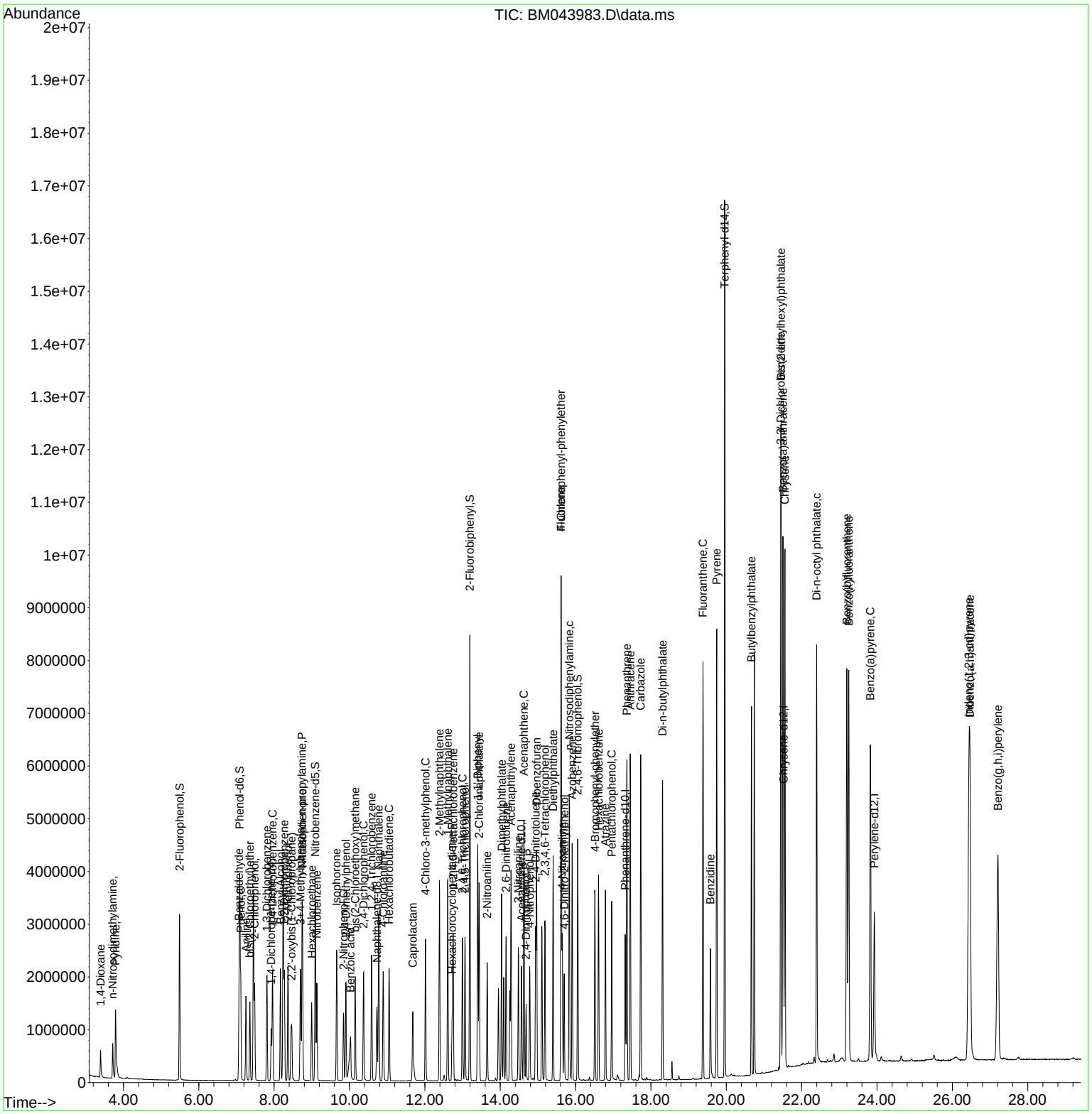
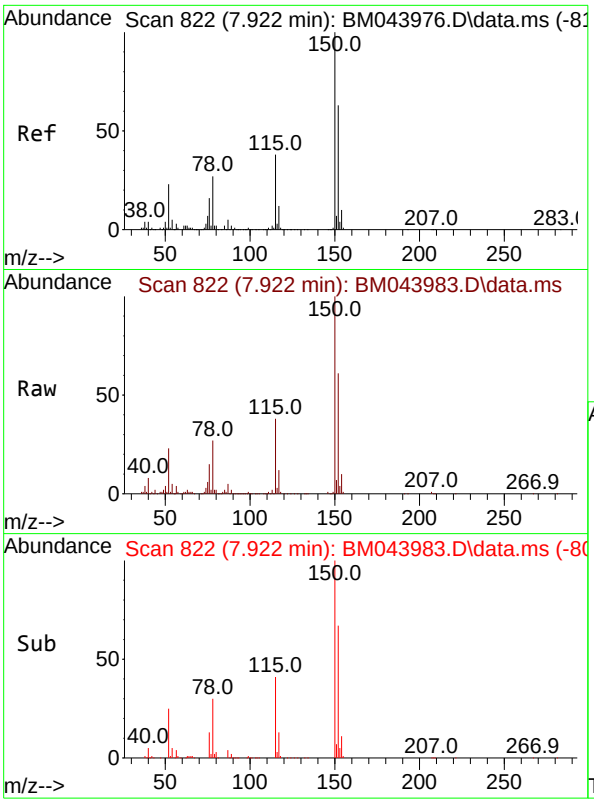
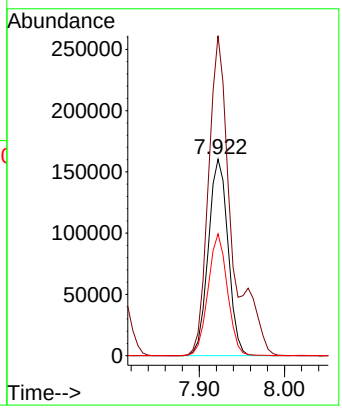




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:152 Resp: 25737

Ion	Ratio	Lower	Upper
152	100		
150	162.8	126.1	189.1
115	62.0	48.2	72.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
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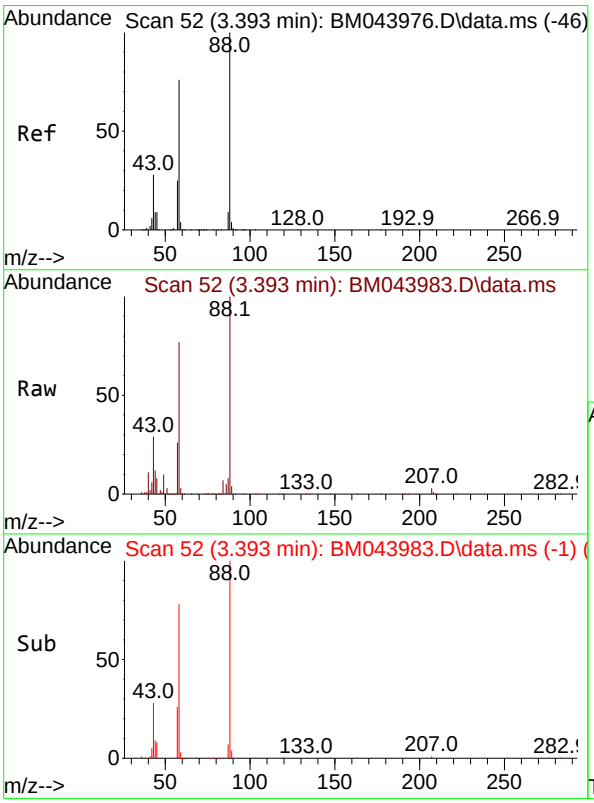
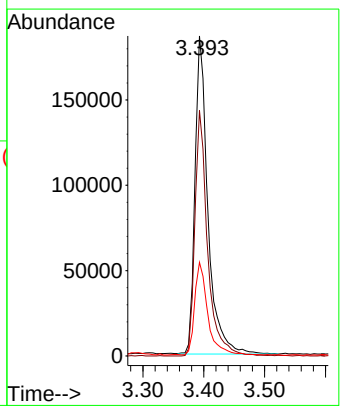
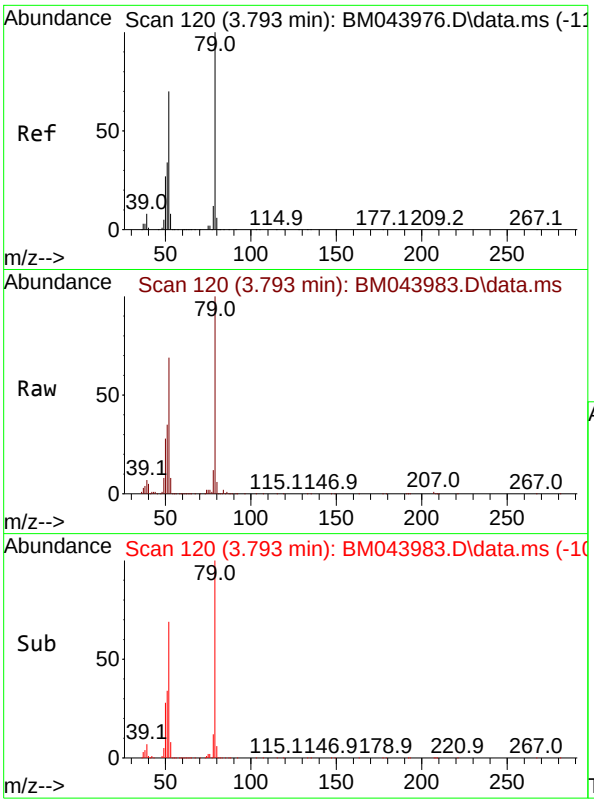


#2
1,4-Dioxane
Concen: 40.861 ng
RT: 3.393 min Scan# 52
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 88 Resp: 275226

Ion	Ratio	Lower	Upper
88	100		
58	75.6	61.0	91.6
43	29.2	23.0	34.6

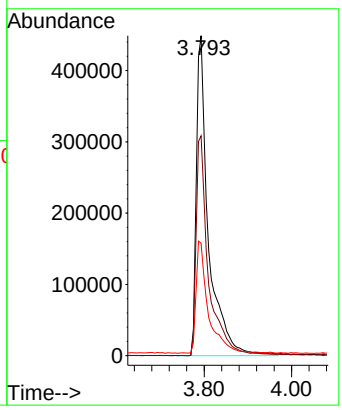




#3
Pyridine
Concen: 42.473 ng
RT: 3.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 79 Resp: 87062

Ion	Ratio	Lower	Upper
79	100		
52	68.7	55.9	83.9
51	35.1	28.2	42.2



Instrument :
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ClientSampleId :
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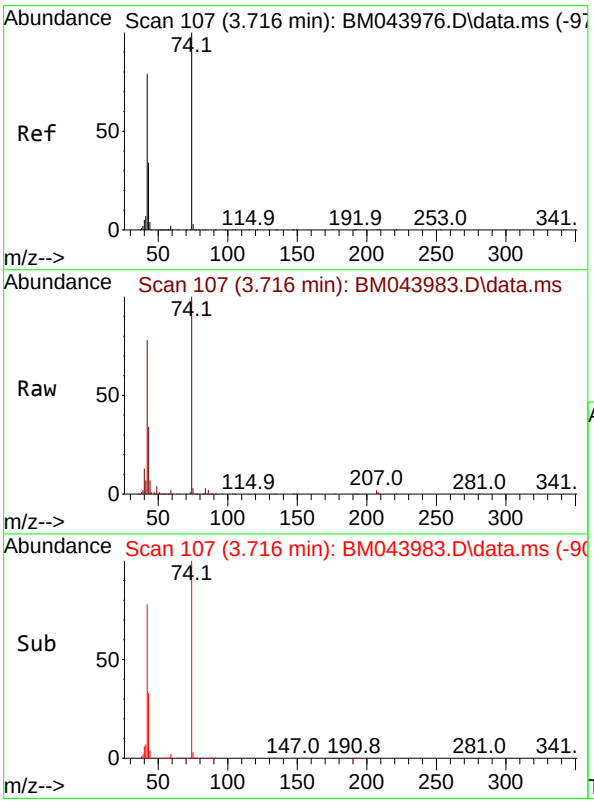
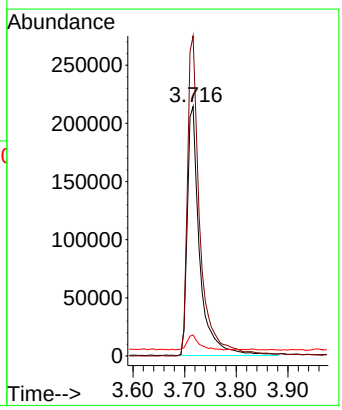
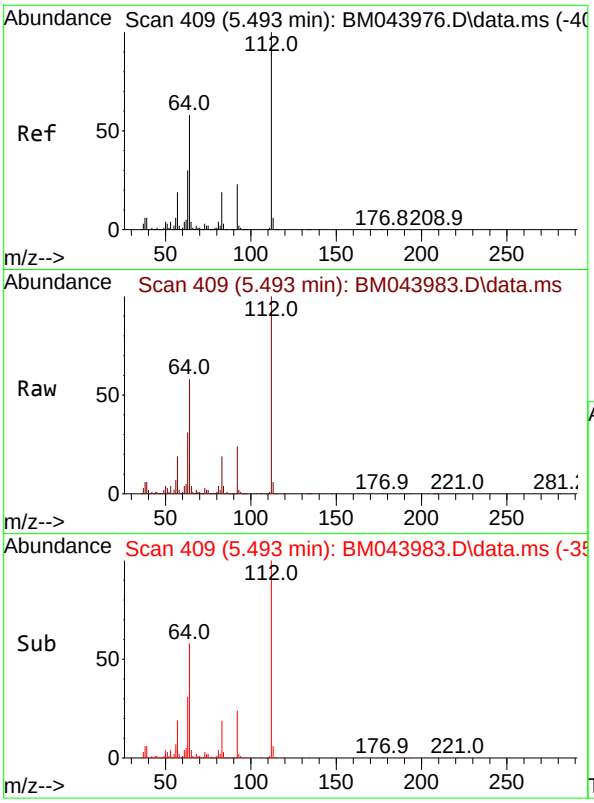


#4
n-Nitrosodimethylamine
Concen: 40.522 ng
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 42 Resp: 357082

Ion	Ratio	Lower	Upper
42	100		
74	128.3	100.7	151.1
44	8.4	7.3	10.9





#5
2-Fluorophenol
Concen: 80.961 ng
RT: 5.493 min Scan# 4(
Delta R.T. -0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:112 Resp: 141103

Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.6	70.0
63	31.0	24.2	36.4

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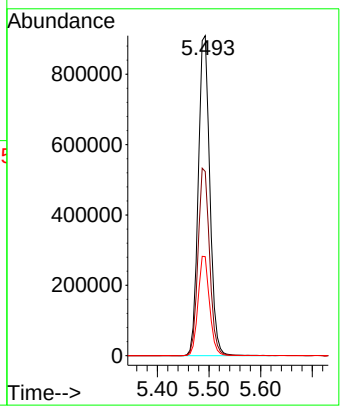
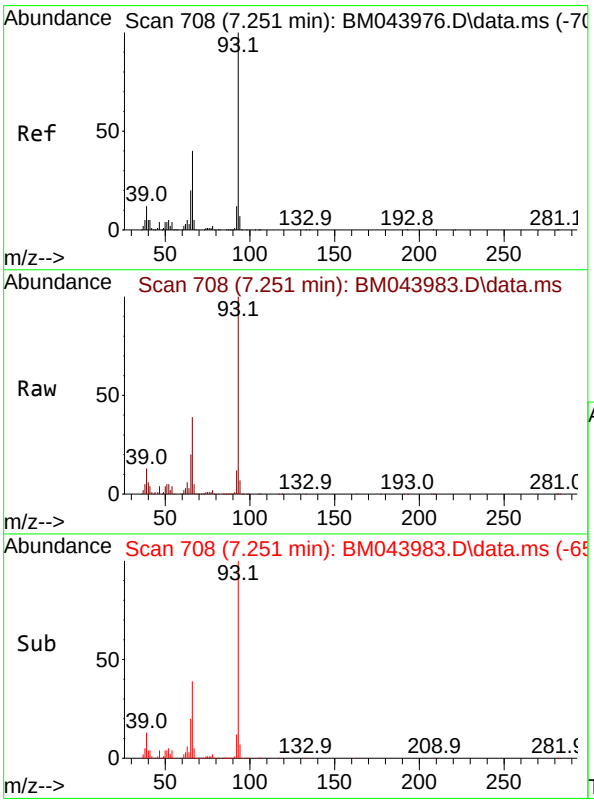
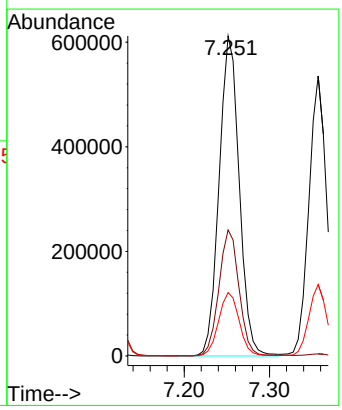


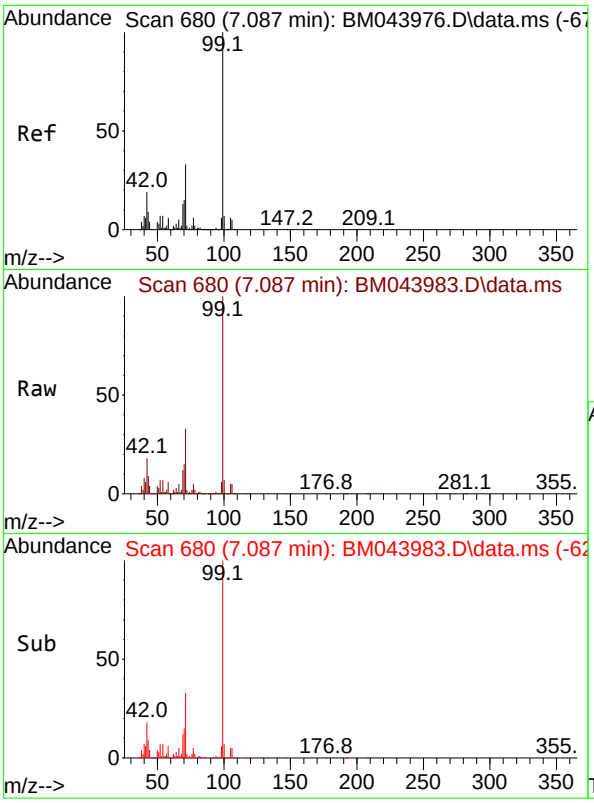


#6
Aniline
Concen: 39.141 ng
RT: 7.251 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 93 Resp: 1002840

Ion	Ratio	Lower	Upper
93	100		
66	39.4	32.2	48.2
65	19.8	15.8	23.8

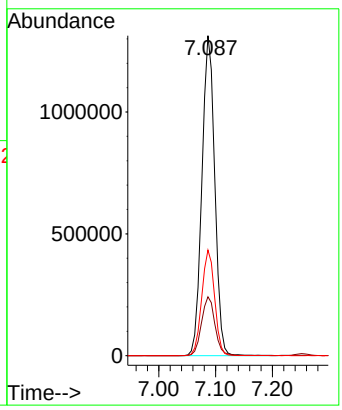




#7
Phenol-d6
Concen: 79.983 ng
RT: 7.087 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 99 Resp: 205963

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	33.0	26.3	39.5



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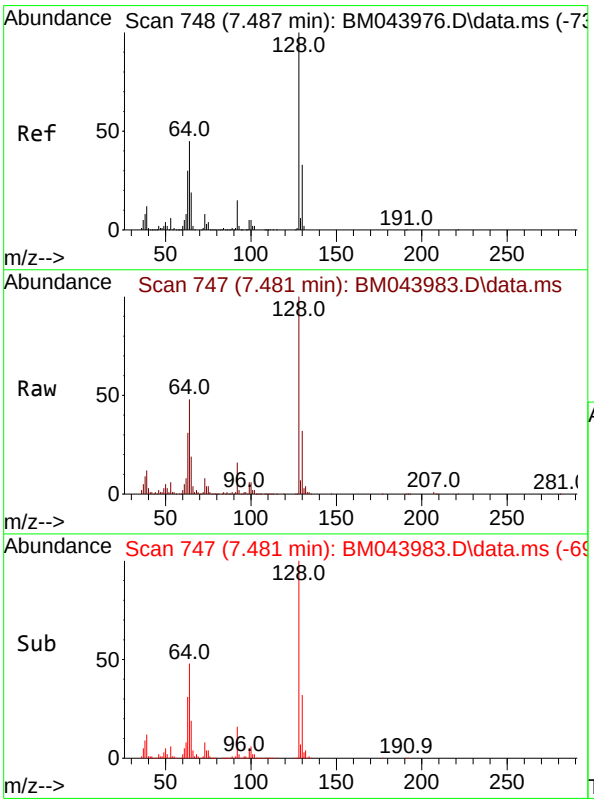
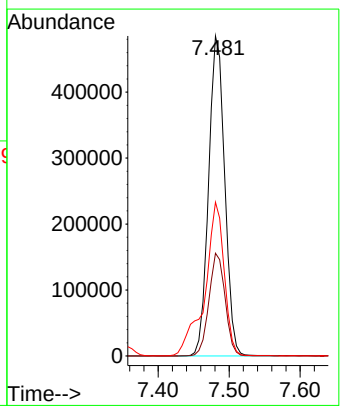
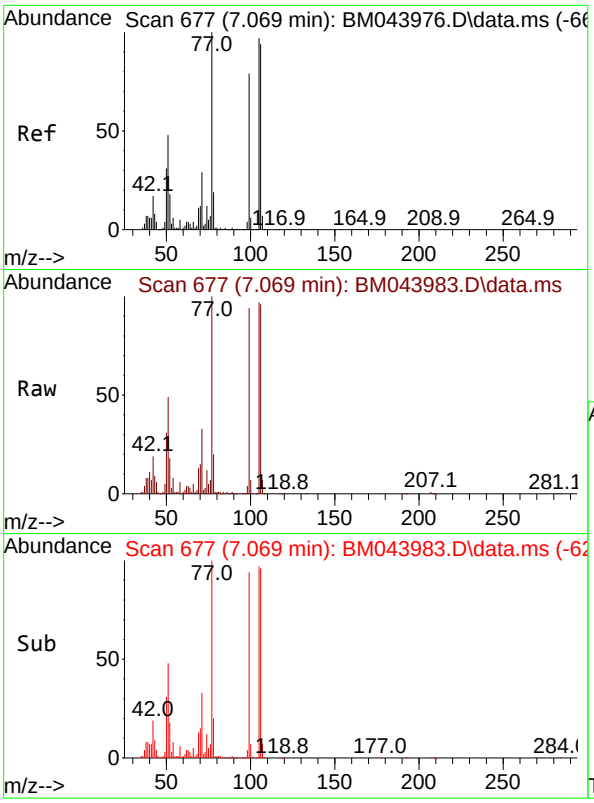


#8
2-Chlorophenol
Concen: 39.543 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:128 Resp: 765185

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	48.1	25.6	65.6

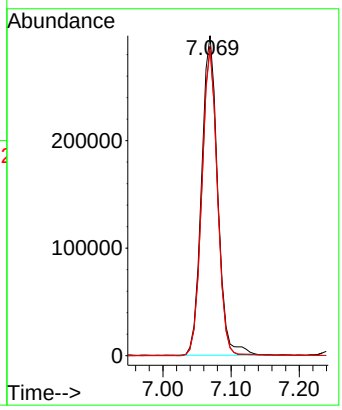




#9
Benzaldehyde
Concen: 42.105 ng
RT: 7.069 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 77 Resp: 49028

Ion	Ratio	Lower	Upper
77	100		
105	96.7	77.4	117.4
106	95.8	73.5	113.5



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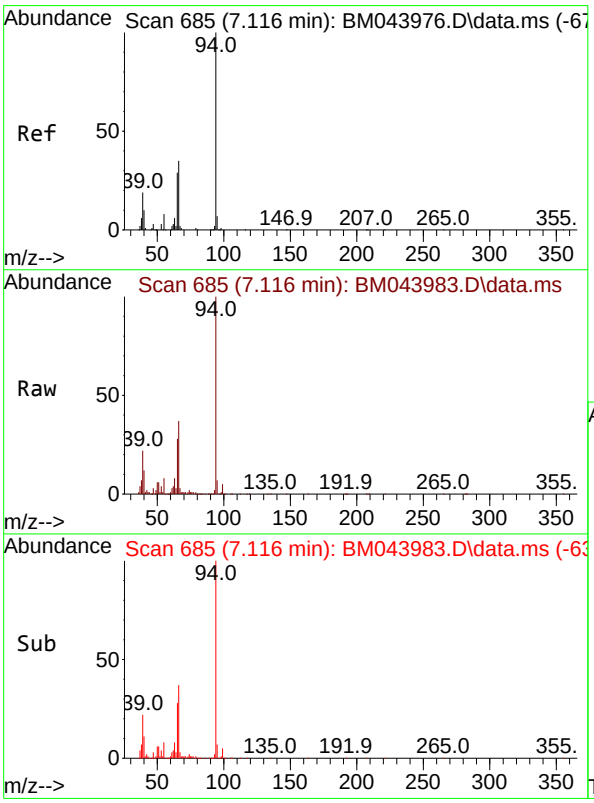
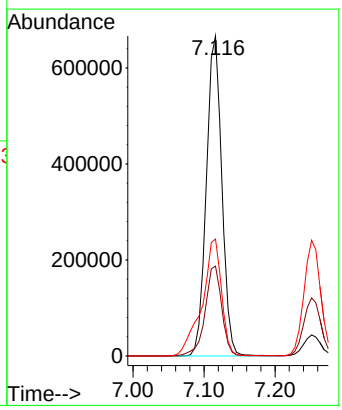
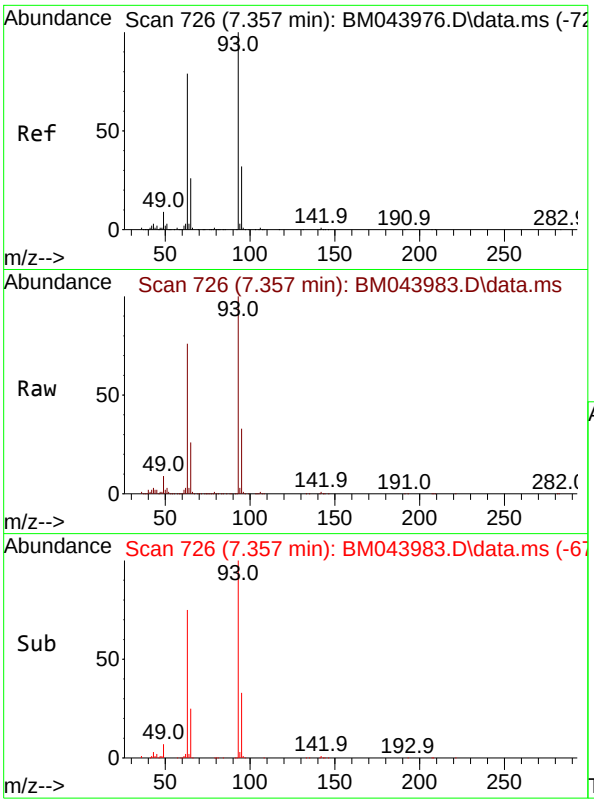


#10
Phenol
Concen: 39.493 ng
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 94 Resp: 1011170

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.3	49.3
66	36.6	15.7	55.7





#11
bis(2-Chloroethyl)ether
Concen: 39.327 ng
RT: 7.357 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 93 Resp: 78918

Ion	Ratio	Lower	Upper
93	100		
63	76.2	59.0	99.0
95	33.0	11.9	51.9

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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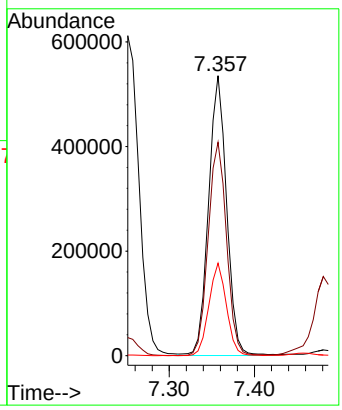
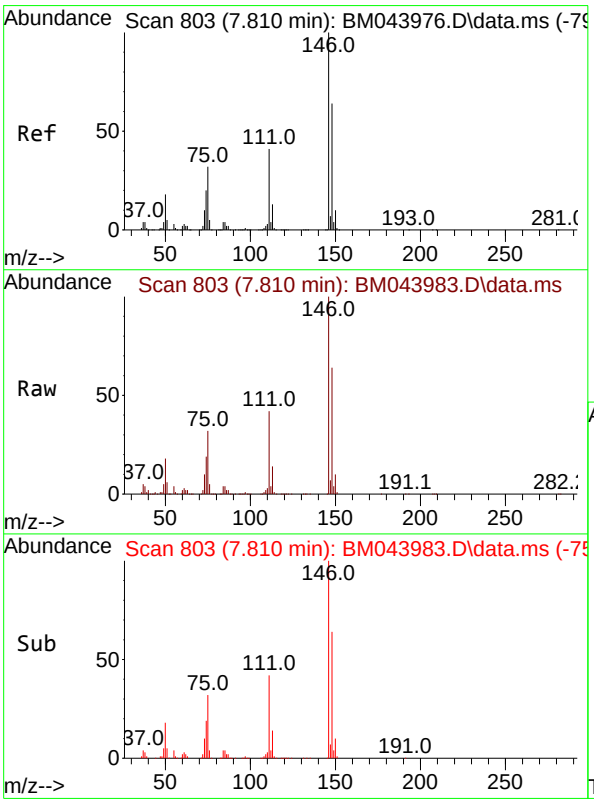
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

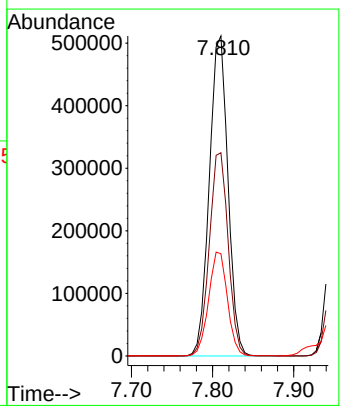


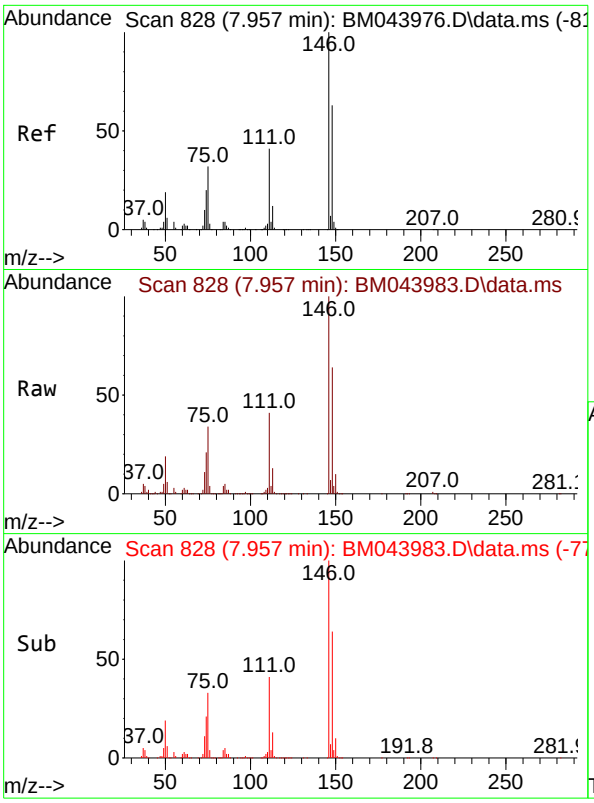


#12
1,3-Dichlorobenzene
Concen: 39.030 ng
RT: 7.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:146 Resp: 815402

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
75	32.0	26.1	39.1

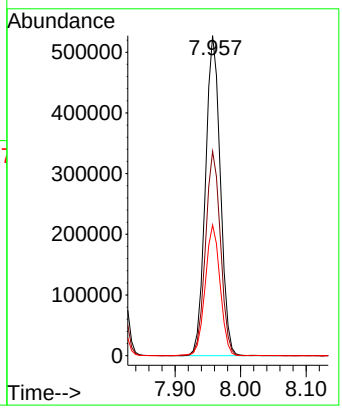




#13
1,4-Dichlorobenzene
Concen: 39.443 ng
RT: 7.957 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:146 Resp: 83337

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
111	40.9	32.6	49.0



Instrument :
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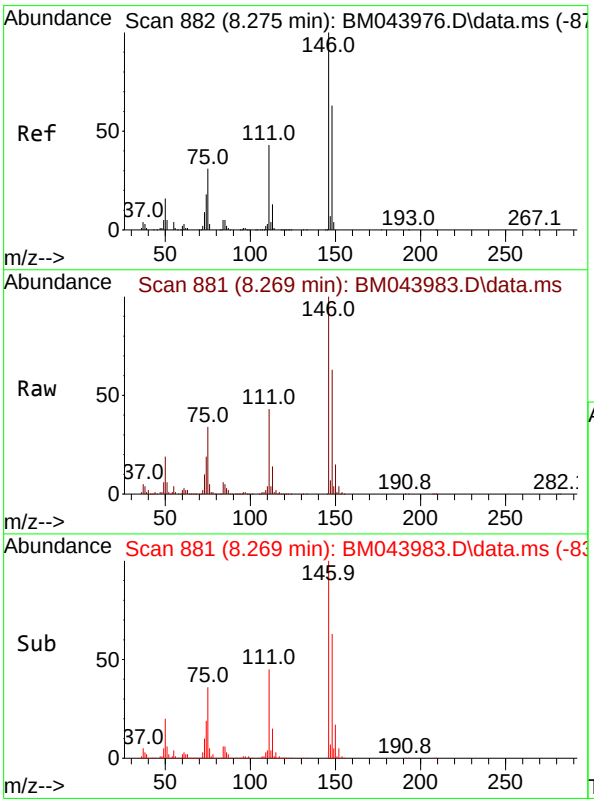
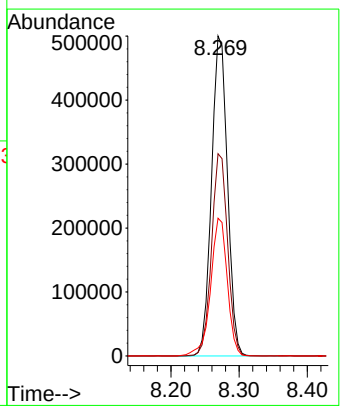
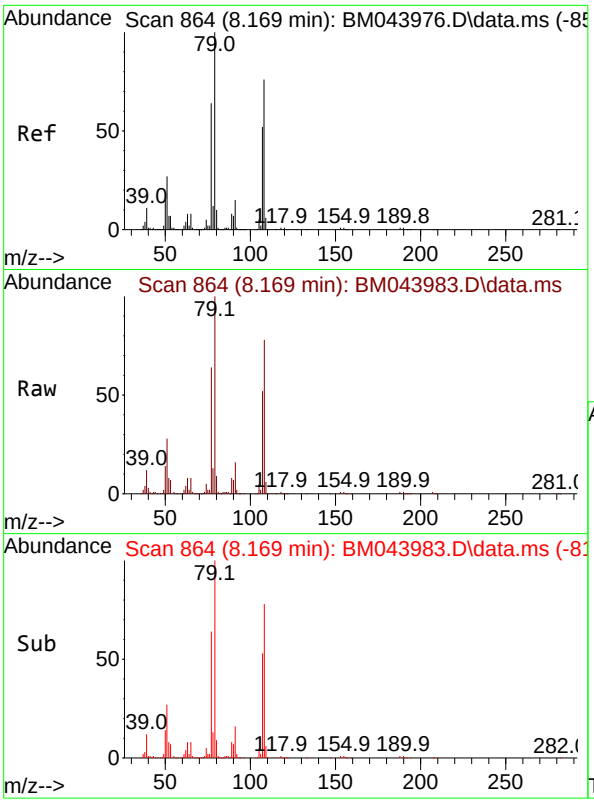


#14
1,2-Dichlorobenzene
Concen: 39.046 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:146 Resp: 813601

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
111	43.1	34.3	51.5

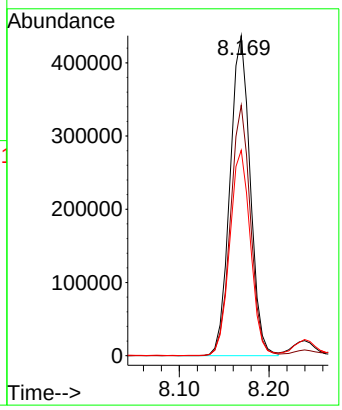




#15
Benzyl Alcohol
Concen: 38.731 ng
RT: 8.169 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 79 Resp: 68360(

Ion	Ratio	Lower	Upper
79	100		
108	78.3	60.7	91.1
77	64.2	50.9	76.3



Instrument :
BNA_M
ClientSampleId :
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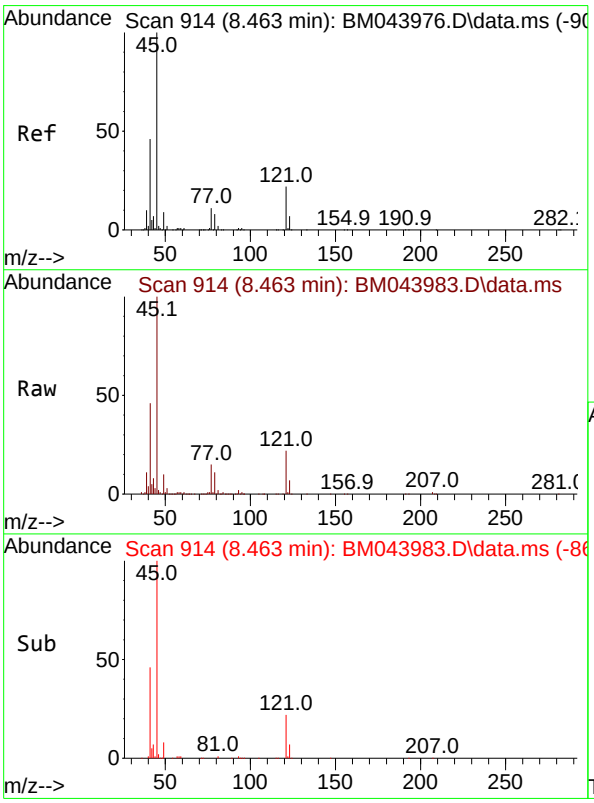
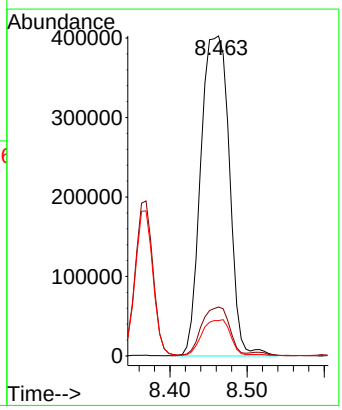
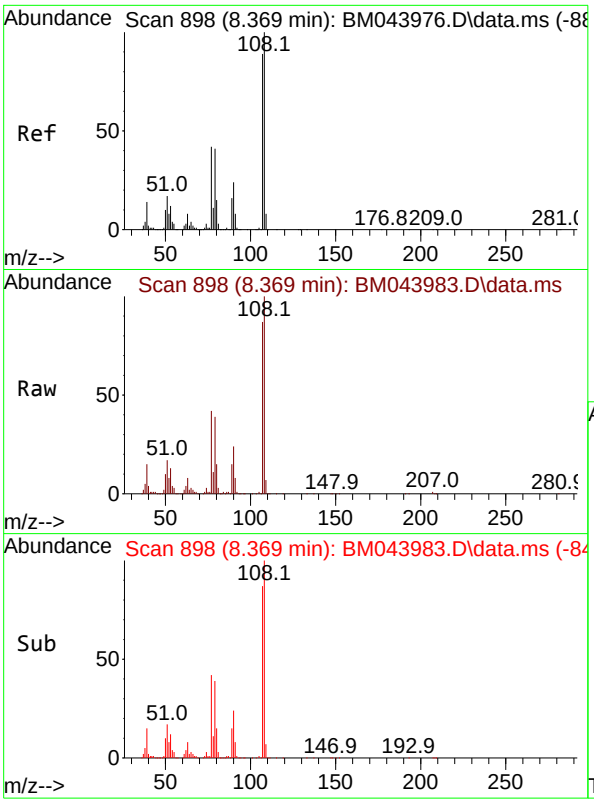


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.325 ng m
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 45 Resp: 1031355

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.4
79	11.0	0.0	31.2

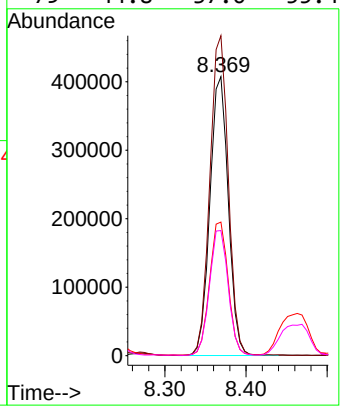




#17
2-Methylphenol
Concen: 39.170 ng
RT: 8.369 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:107 Resp: 64108

Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.4	135.6
77	47.9	38.0	57.0
79	44.8	37.0	55.4



Instrument :
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ClientSampleId :
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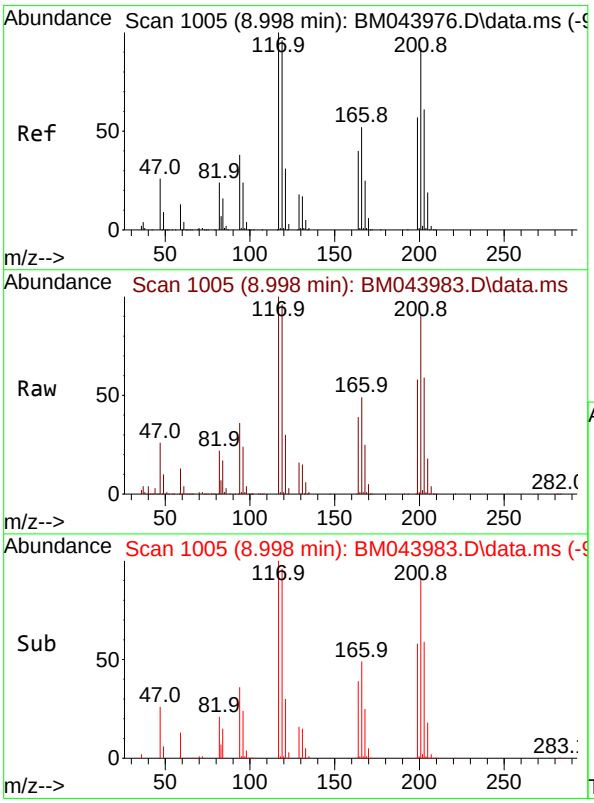
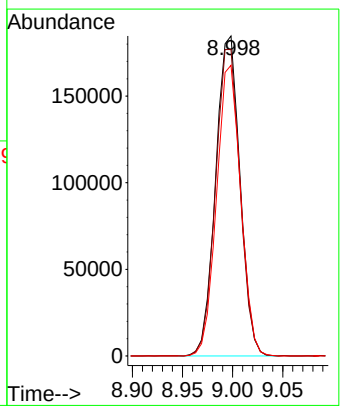
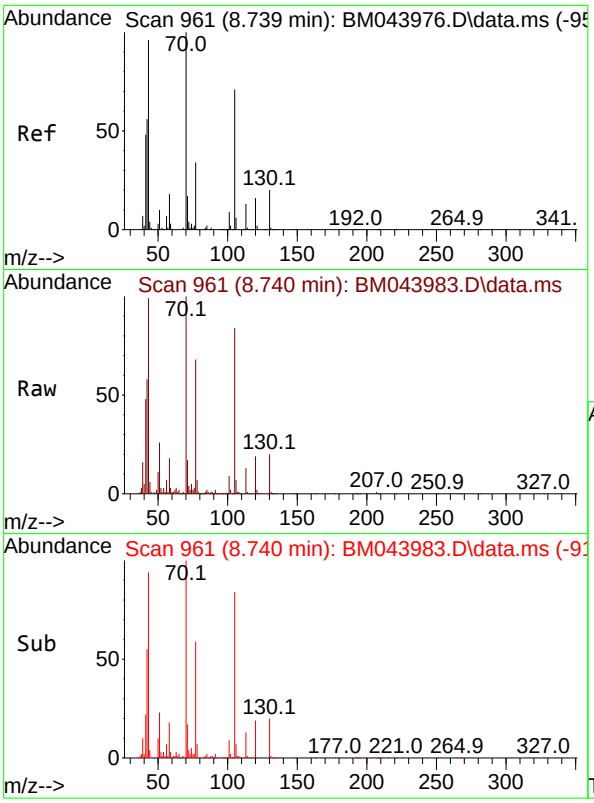


#18
Hexachloroethane
Concen: 39.331 ng
RT: 8.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:117 Resp: 311845

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.7	115.1
201	90.9	73.4	110.2

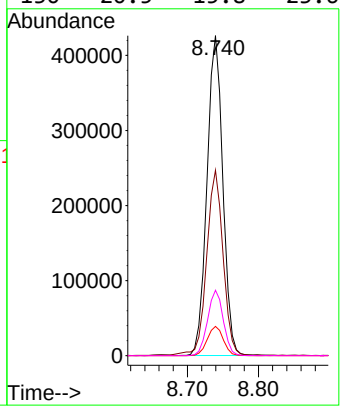




#19
n-Nitroso-di-n-propylamine
Concen: 39.079 ng
RT: 8.740 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 70 Resp: 66216(

Ion	Ratio	Lower	Upper
70	100		
42	57.9	45.6	68.4
101	9.1	7.5	11.3
130	20.5	15.8	23.6



Instrument :
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ClientSampleId :
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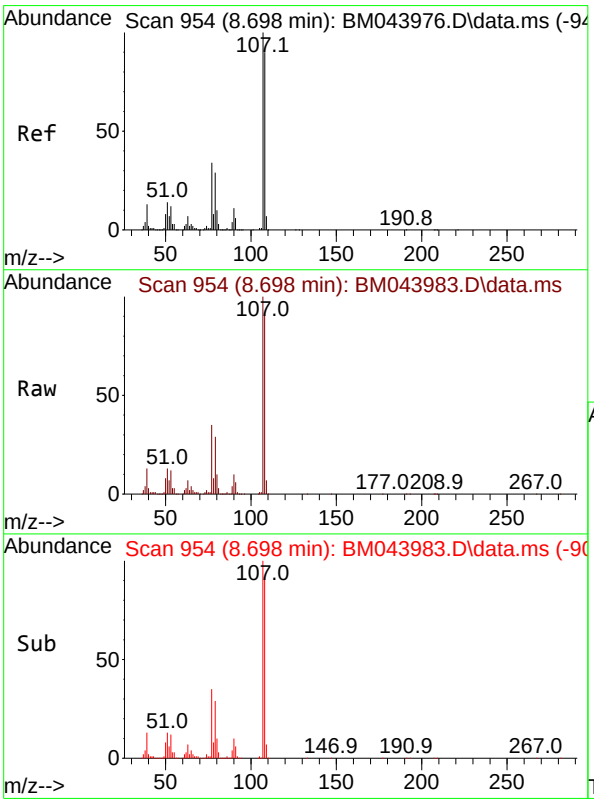
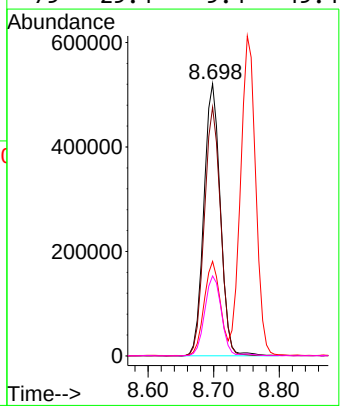
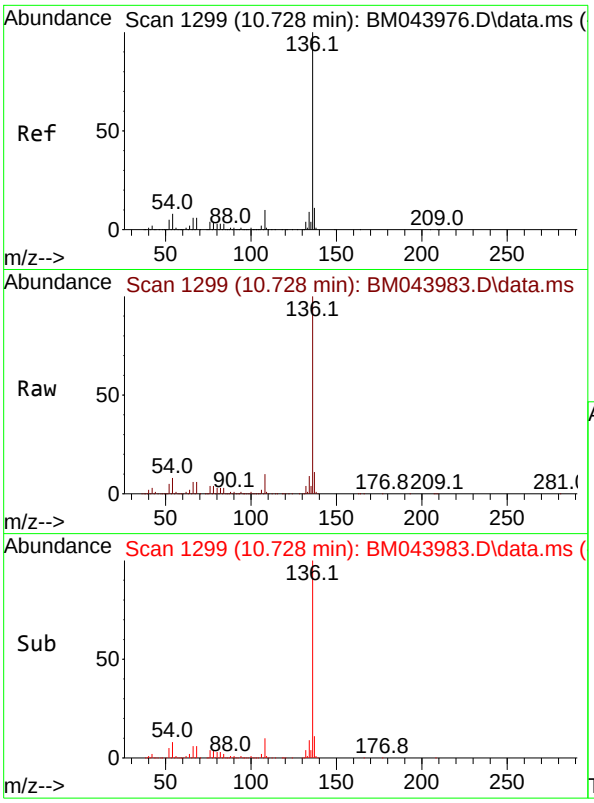


#20
3+4-Methylphenols
Concen: 39.444 ng
RT: 8.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:107 Resp: 911163

Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.3	110.3
77	34.8	14.0	54.0
79	29.4	9.4	49.4

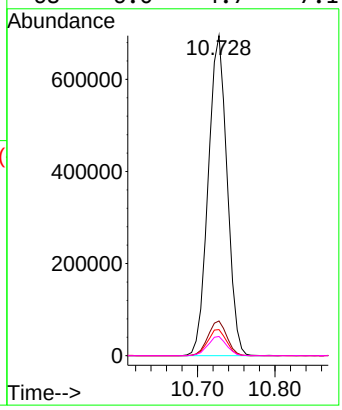




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:136 Resp: 117505

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	6.5	9.7
68	6.0	4.7	7.1



Instrument :
BNA_M
ClientSampleId :
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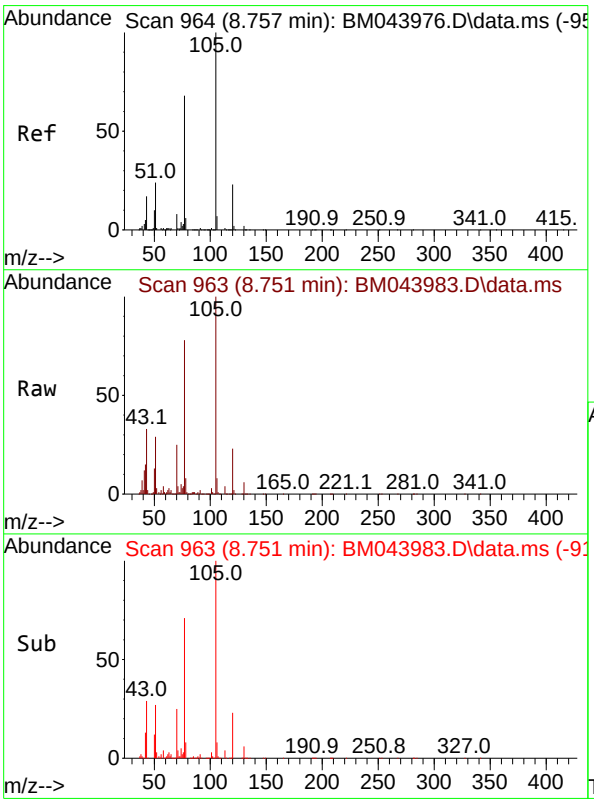
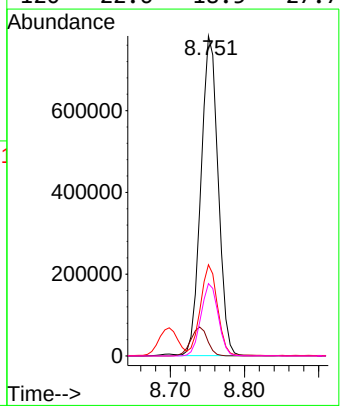
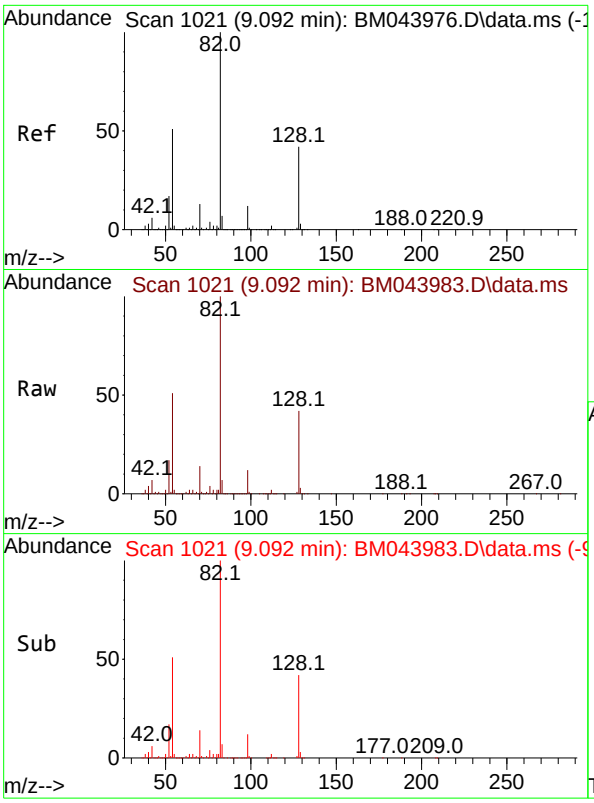


#22
Acetophenone
Concen: 39.560 ng
RT: 8.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:105 Resp: 1259542

Ion	Ratio	Lower	Upper
105	100		
71	4.3	1.6	2.4#
51	28.5	21.8	32.6
120	22.6	18.5	27.7





#23
Nitrobenzene-d5
Concen: 80.207 ng
RT: 9.092 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 82 Resp: 195513(

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.9	50.9
54	51.3	41.1	61.7

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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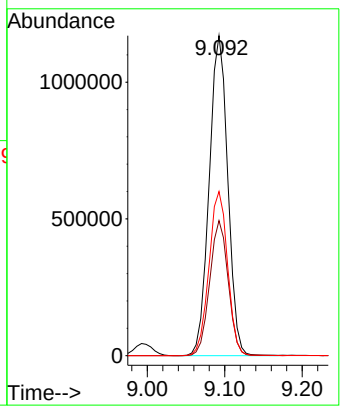
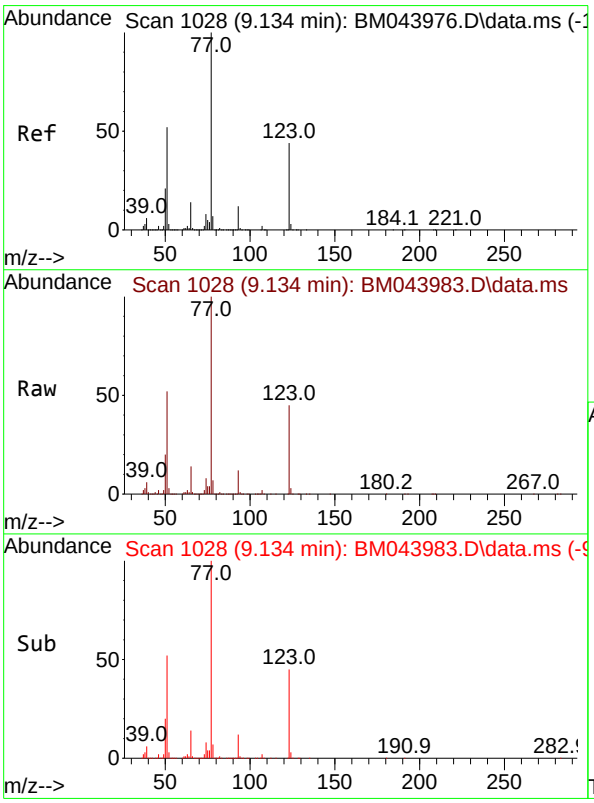
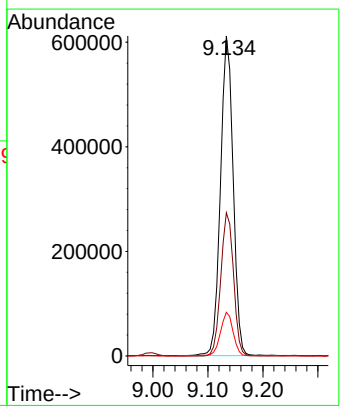


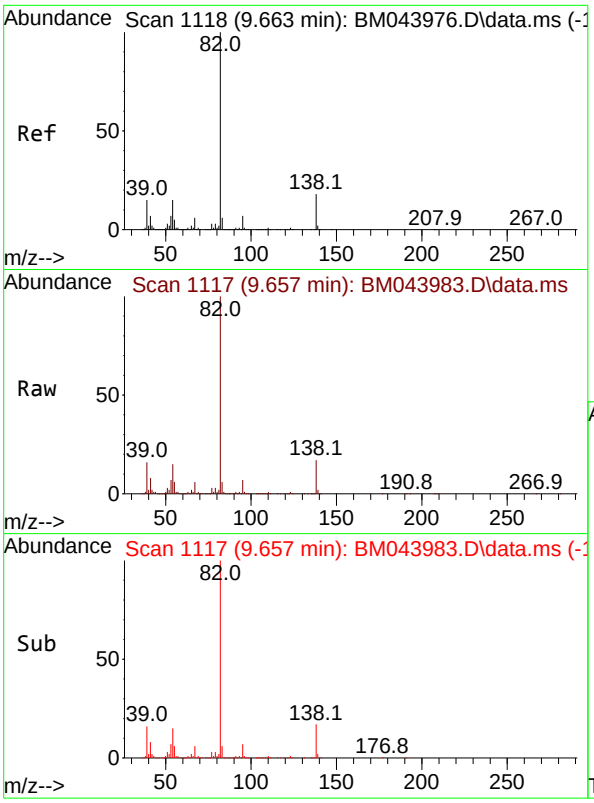


#24
Nitrobenzene
Concen: 40.042 ng
RT: 9.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 77 Resp: 979320

Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.3	52.9
65	13.7	10.9	16.3

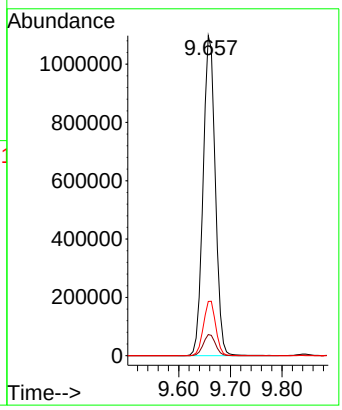




#25
Isophorone
Concen: 39.572 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 82 Resp: 179566

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	17.0	14.2	21.2



Instrument :
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ClientSampleId :
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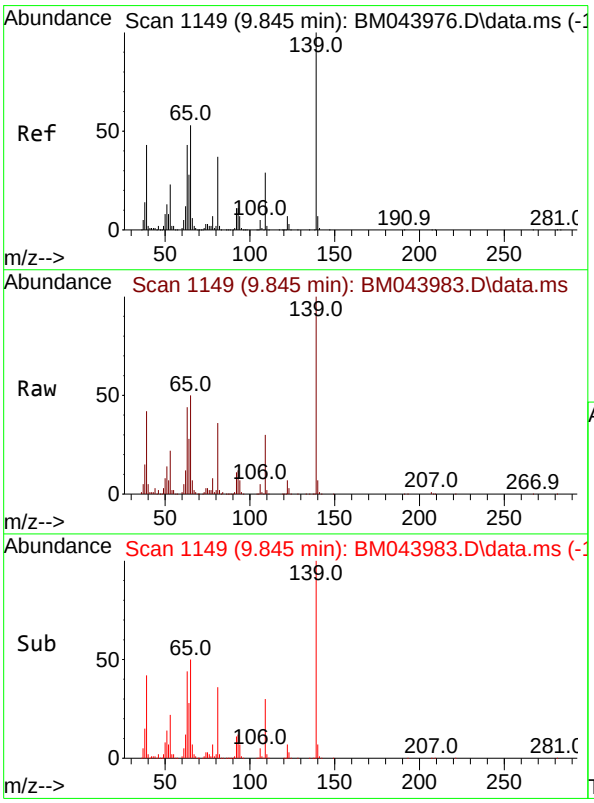
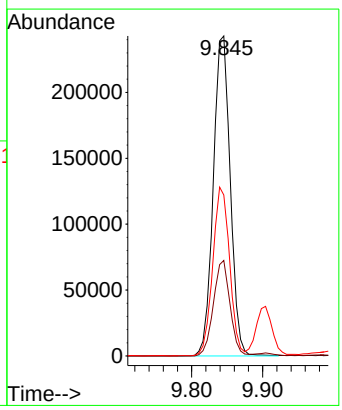
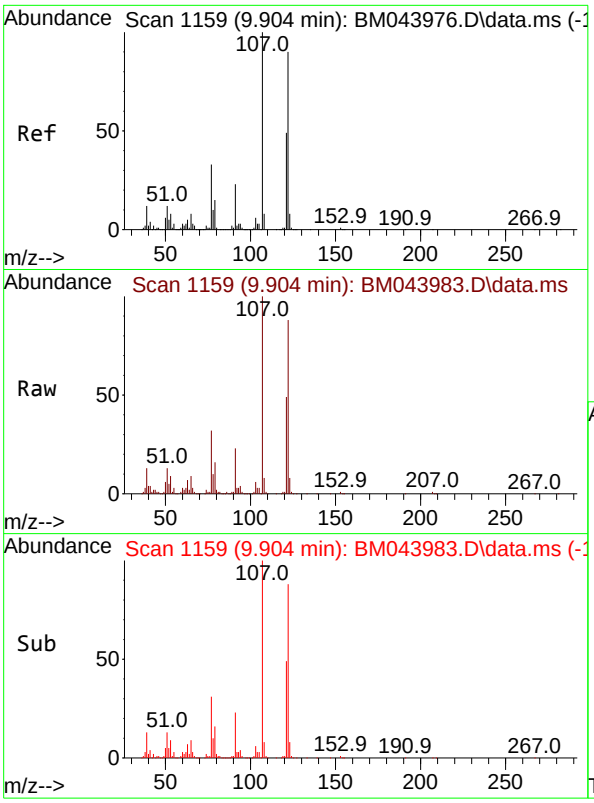


#26
2-Nitrophenol
Concen: 40.641 ng
RT: 9.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:139 Resp: 401720

Ion	Ratio	Lower	Upper
139	100		
109	29.8	23.3	34.9
65	50.3	42.5	63.7





#27
2,4-Dimethylphenol
Concen: 40.052 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:122 Resp: 54360

Ion	Ratio	Lower	Upper
122	100		
107	113.8	89.0	133.4
121	55.7	43.4	65.0

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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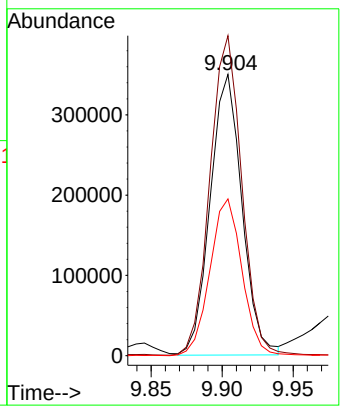
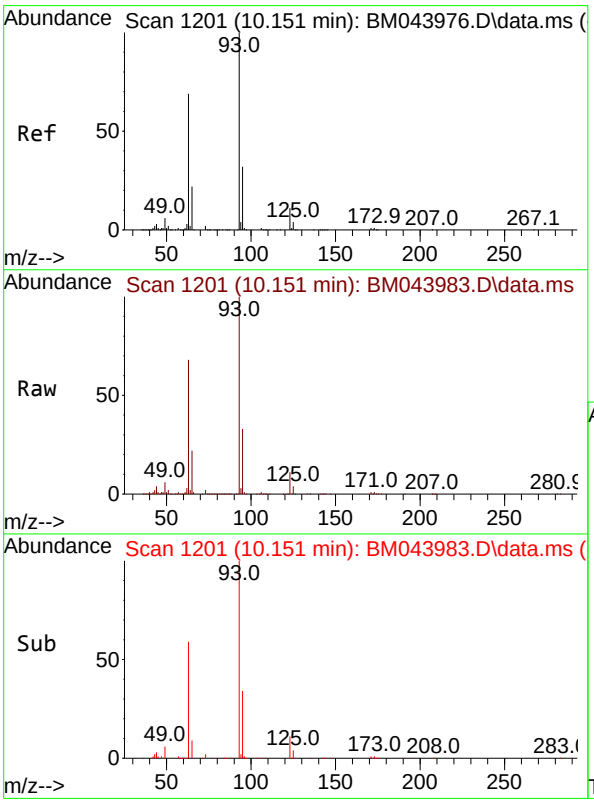
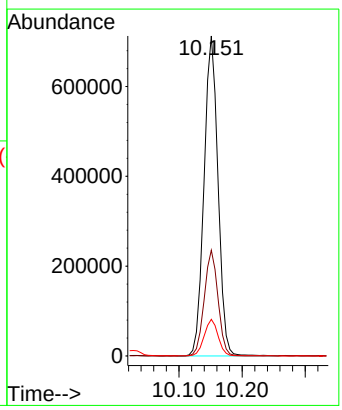


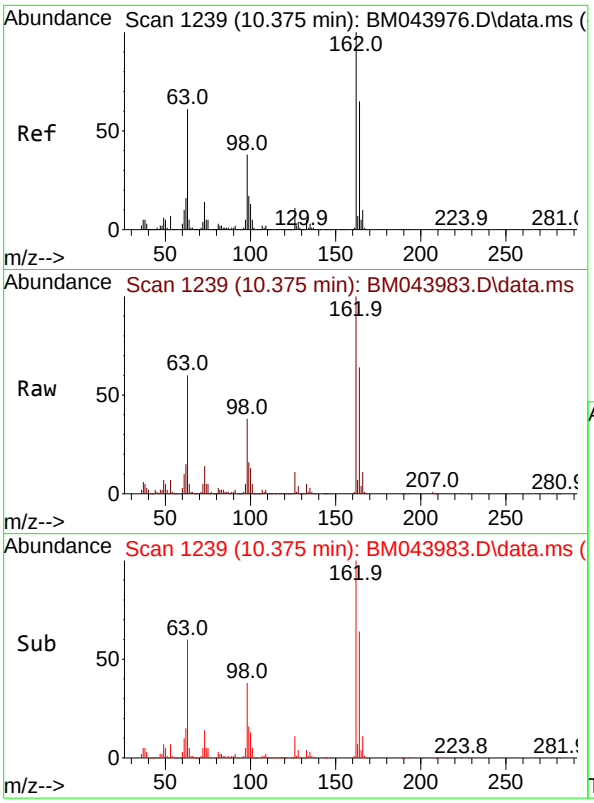


#28
bis(2-Chloroethoxy)methane
Concen: 39.468 ng
RT: 10.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 93 Resp: 1093712

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.9	38.9
123	11.4	9.1	13.7

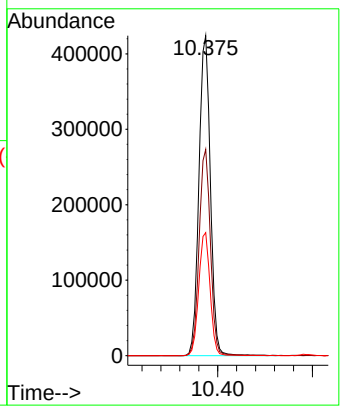




#29
2,4-Dichlorophenol
Concen: 41.011 ng
RT: 10.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:162 Resp: 70997

Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.1	85.1
98	38.4	17.8	57.8



Instrument :
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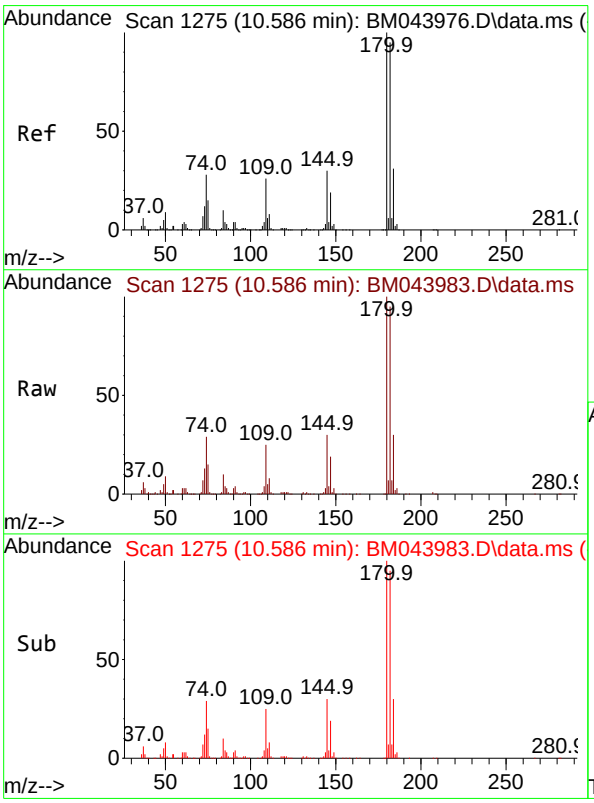
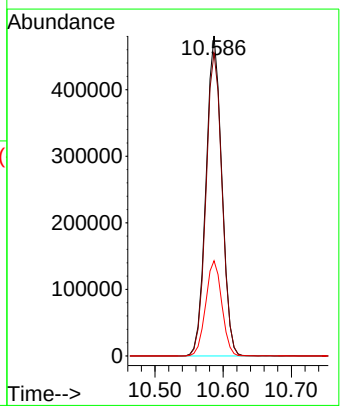
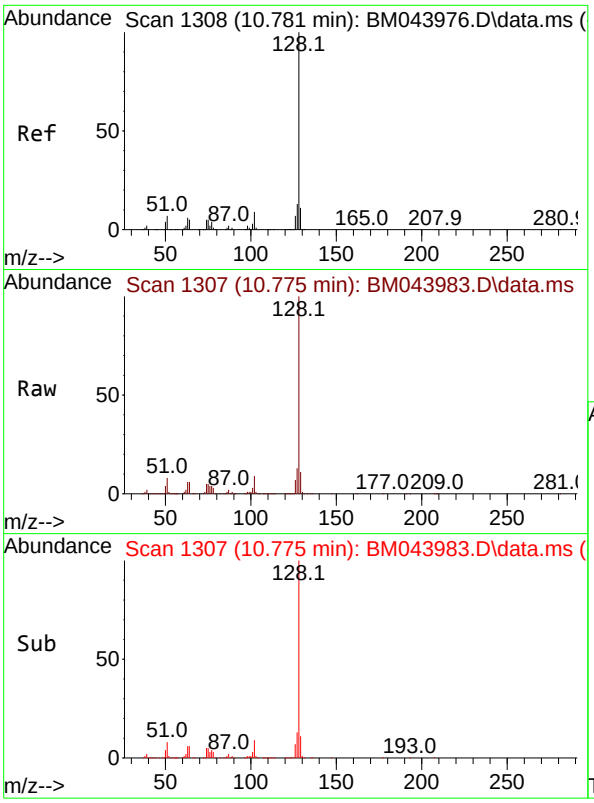


#30
1,2,4-Trichlorobenzene
Concen: 39.677 ng
RT: 10.586 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:180 Resp: 775774

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.0	114.0
145	29.7	24.2	36.2

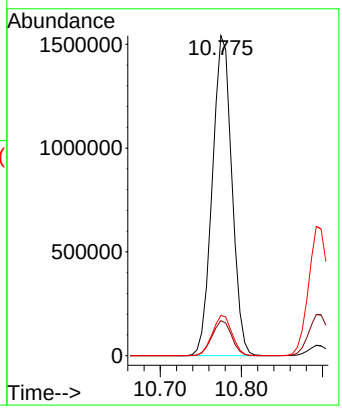




#31
Naphthalene
Concen: 39.366 ng
RT: 10.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:128 Resp: 257827

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.4	12.6
127	12.6	10.1	15.1



Instrument :
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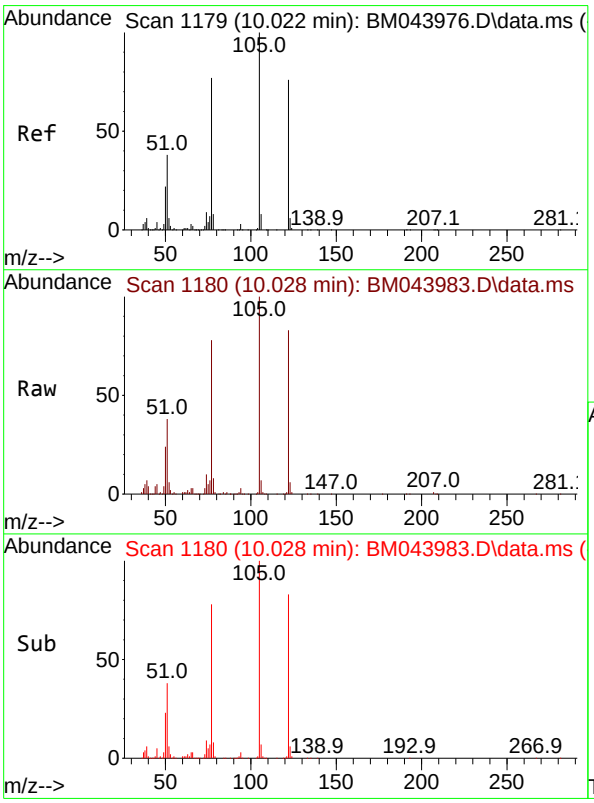
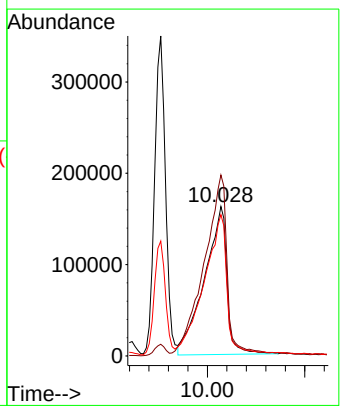
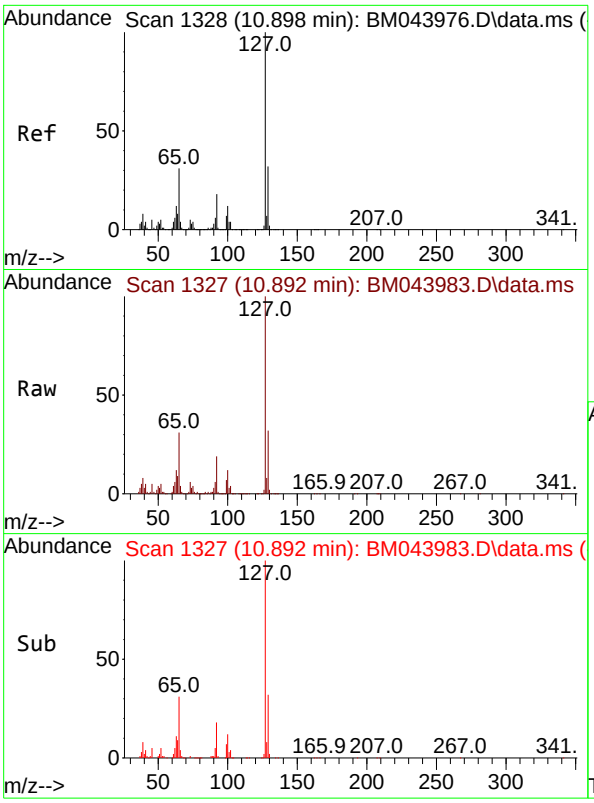


#32
Benzoic acid
Concen: 36.629 ng
RT: 10.028 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:122 Resp: 520453

Ion	Ratio	Lower	Upper
122	100		
105	121.1	109.4	149.4
77	94.5	80.5	120.5

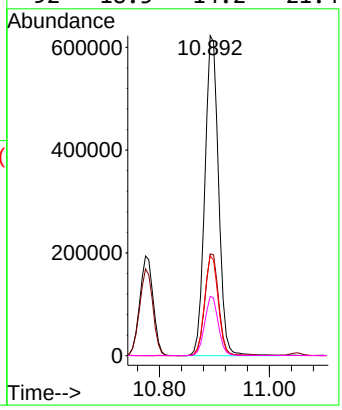




#33
4-Chloroaniline
Concen: 39.994 ng
RT: 10.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:127 Resp: 107666

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.6	38.4
65	31.2	24.5	36.7
92	18.5	14.2	21.4



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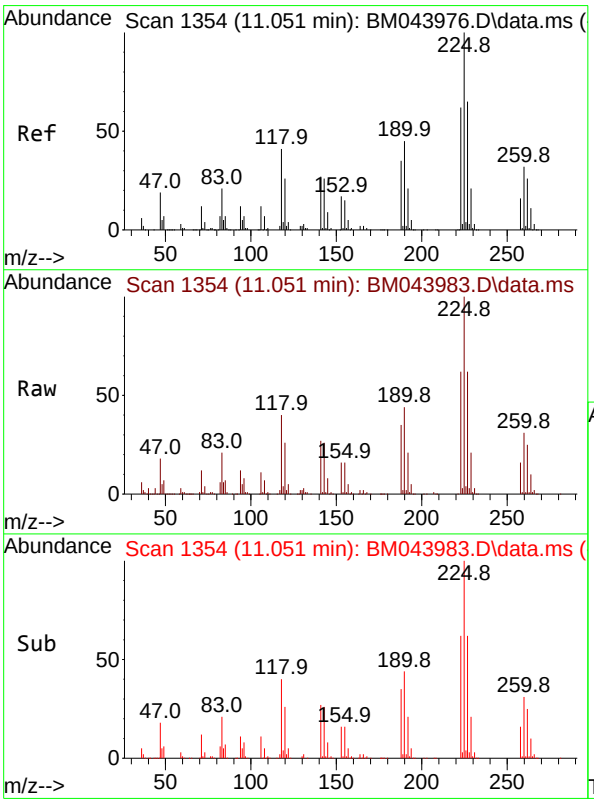
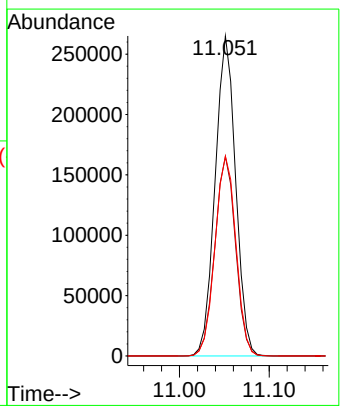
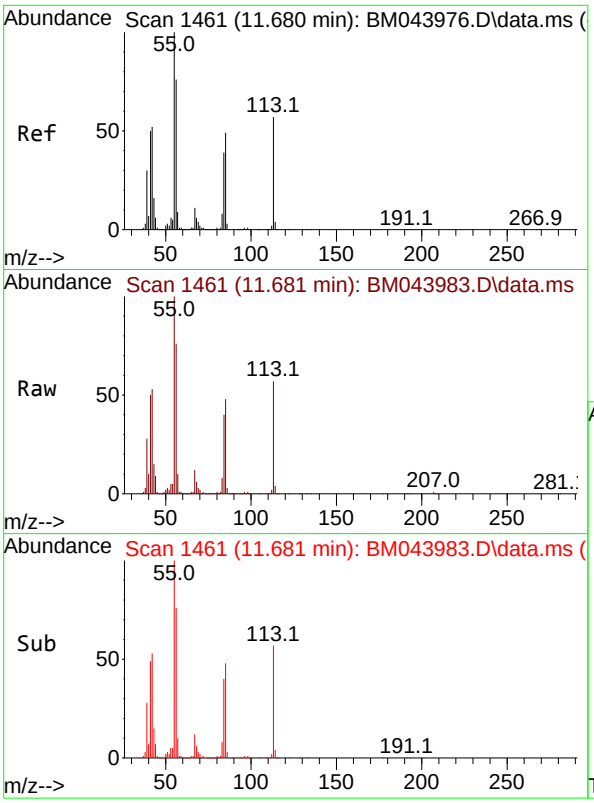


#34
Hexachlorobutadiene
Concen: 39.418 ng
RT: 11.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:225 Resp: 420347

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	62.4	51.7	77.5





#35
Caprolactam
Concen: 40.067 ng
RT: 11.681 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:113 Resp: 28443

Ion	Ratio	Lower	Upper
113	100		
55	174.1	154.3	194.3
56	131.8	112.2	152.2

Instrument :
BNA_M
ClientSampleId :
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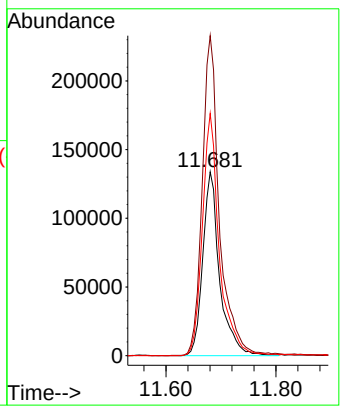
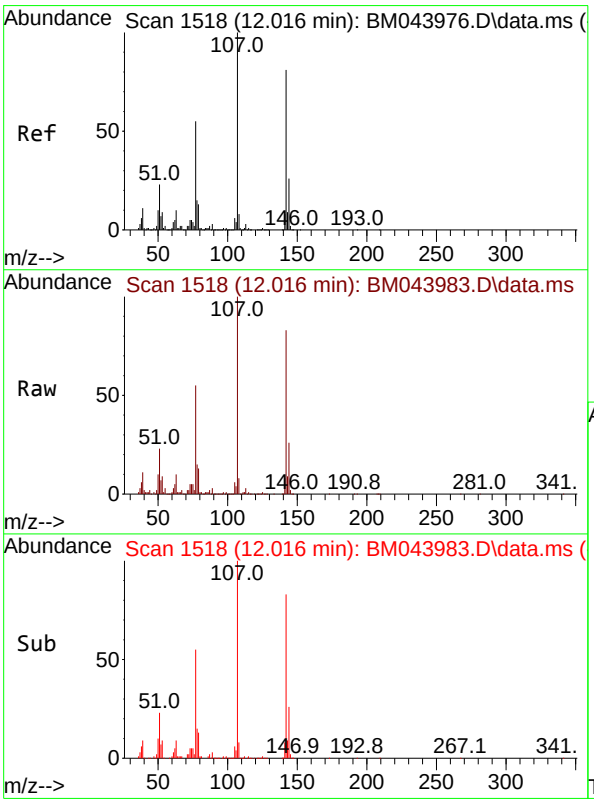
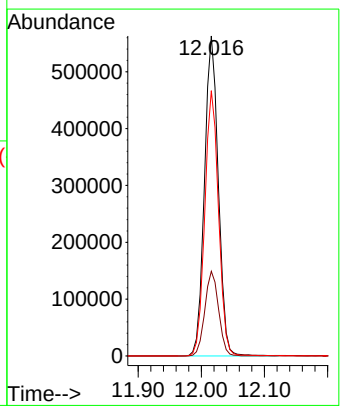


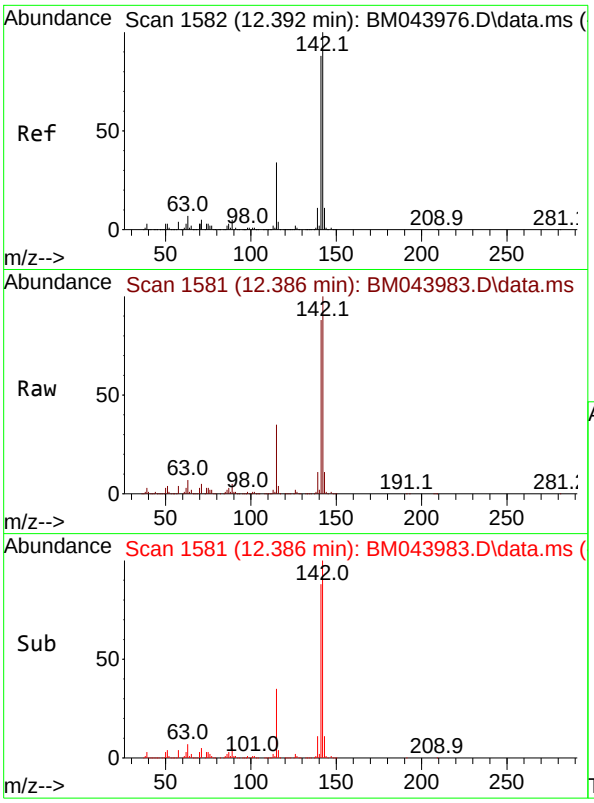


#36
4-Chloro-3-methylphenol
Concen: 40.429 ng
RT: 12.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:107 Resp: 857070

Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.1	31.7
142	82.9	65.0	97.4

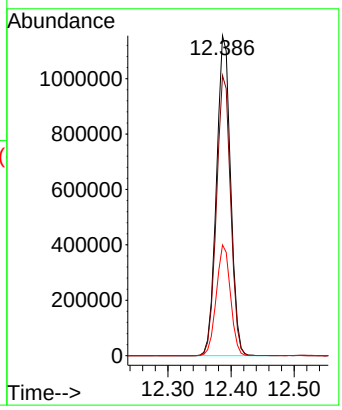




#37
2-Methylnaphthalene
Concen: 39.265 ng
RT: 12.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:142 Resp: 179339

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.2	105.2
115	34.6	27.2	40.8



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ClientSampleId :
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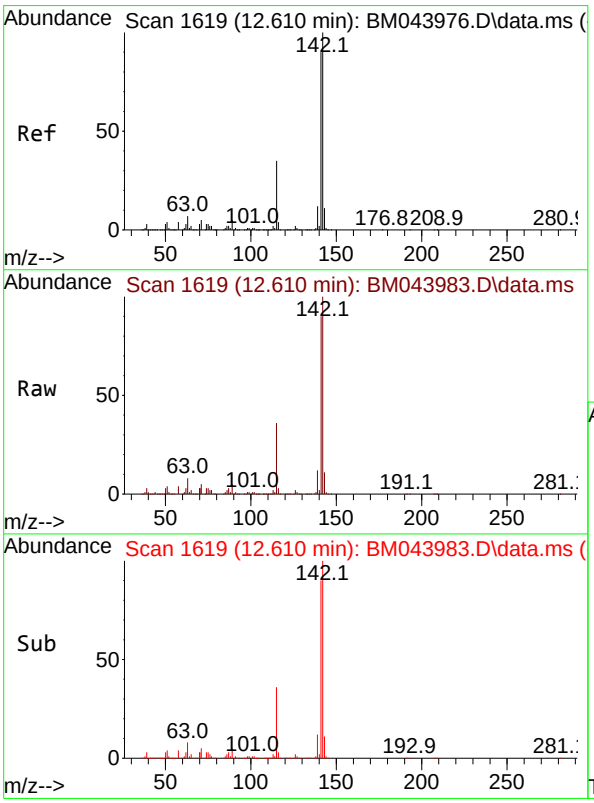
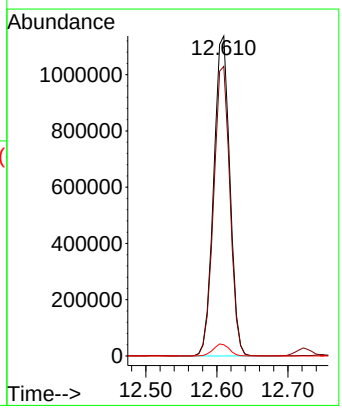
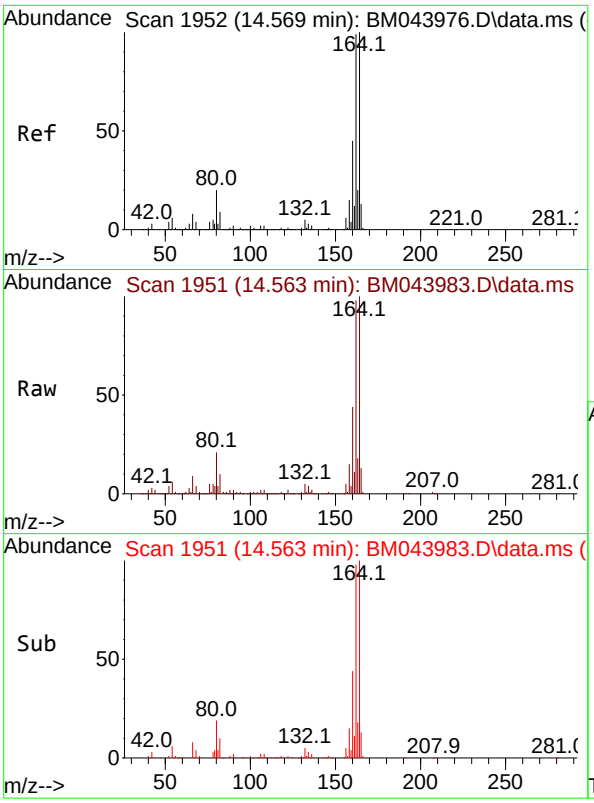


#38
1-Methylnaphthalene
Concen: 39.281 ng
RT: 12.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:142 Resp: 1791023

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.1	108.1
116	3.5	2.9	4.3

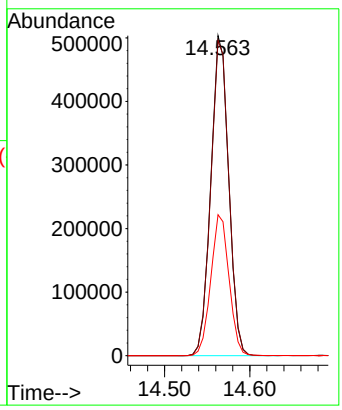




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:164 Resp: 73430

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.0	118.4
160	44.0	35.8	53.8



Instrument :
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ClientSampleId :
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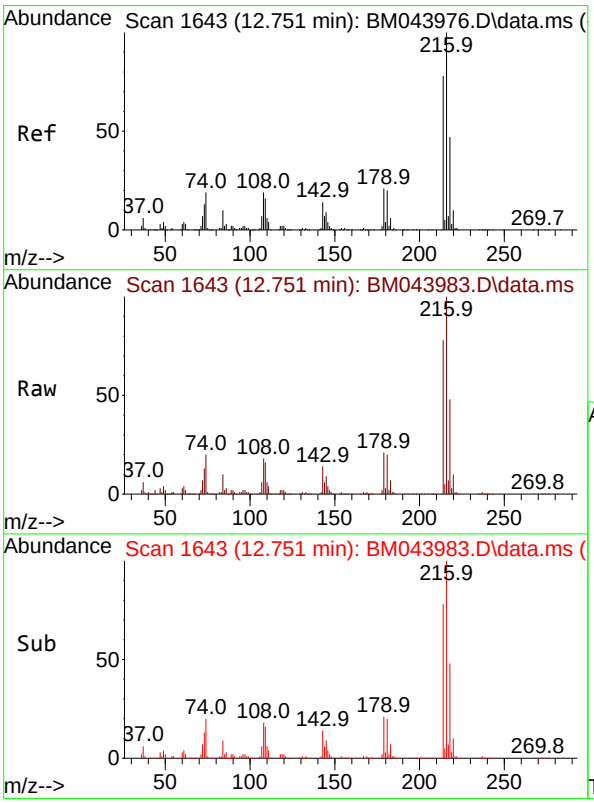
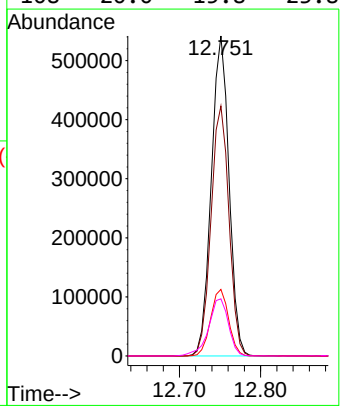
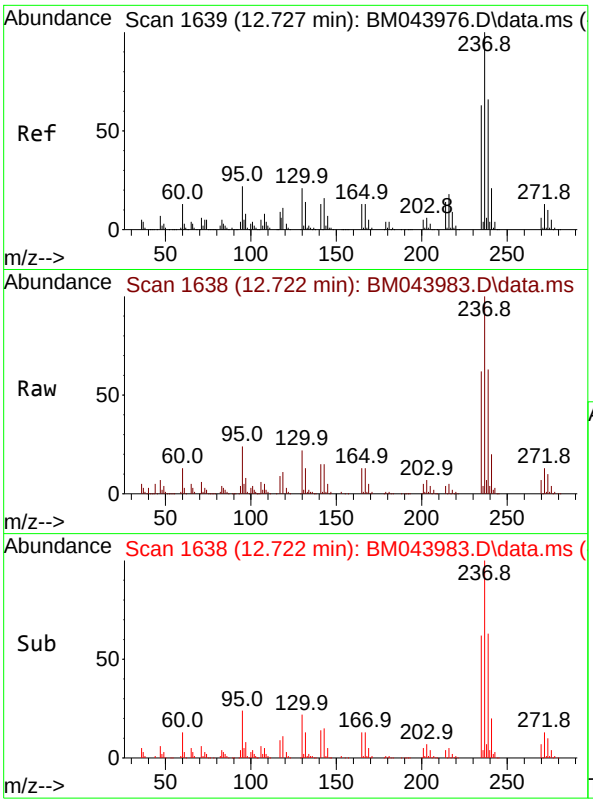


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.396 ng
RT: 12.751 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:216 Resp: 820479

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.6	94.0
179	21.1	16.7	25.1
108	20.0	15.8	23.8

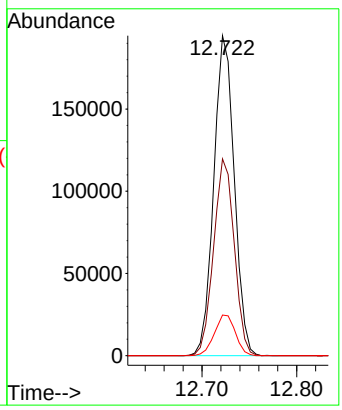




#41
Hexachlorocyclopentadiene
Concen: 42.699 ng
RT: 12.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:237 Resp: 29246

Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.5	83.5
272	12.7	0.0	33.2



Instrument :
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ClientSampleId :
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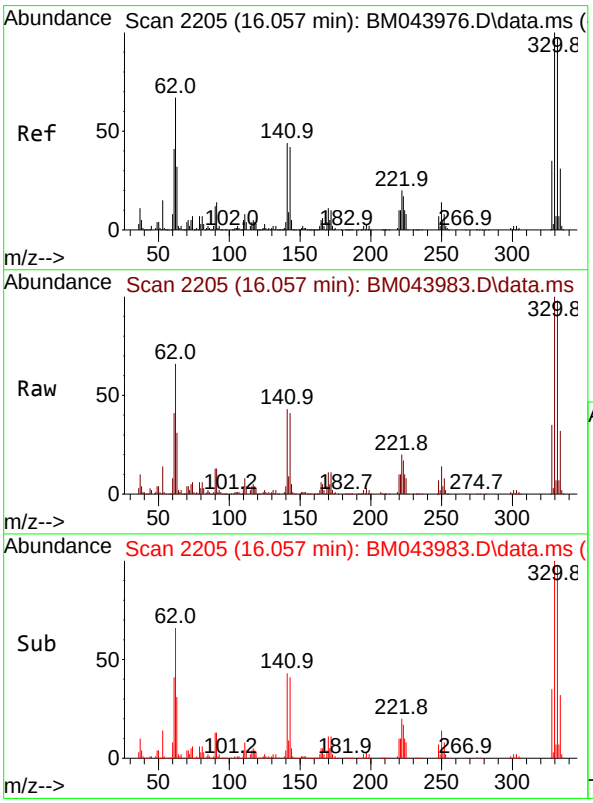
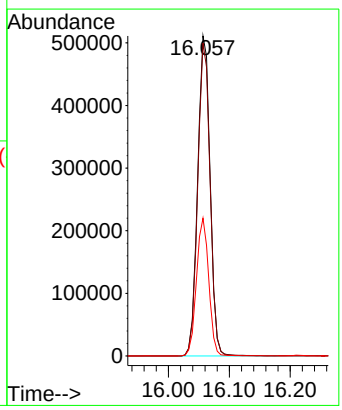
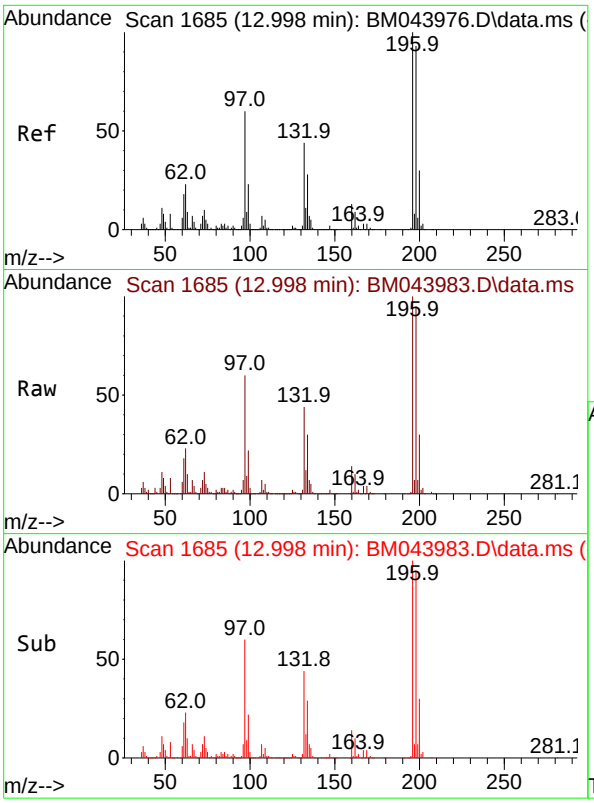


#42
2,4,6-Tribromophenol
Concen: 81.258 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:330 Resp: 727351

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	42.4	33.5	50.3





#43
2,4,6-Trichlorophenol
Concen: 40.971 ng
RT: 12.998 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:196 Resp: 57664

Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.2	111.2
200	30.5	23.8	35.8

Instrument :
BNA_M
ClientSampleId :
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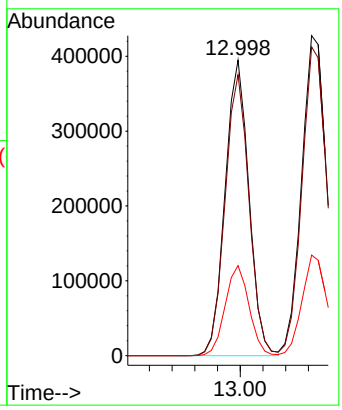
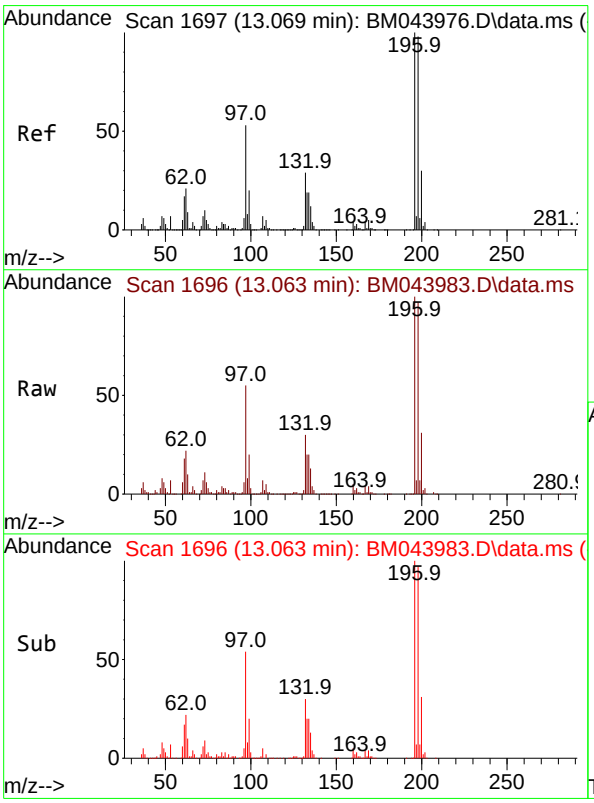
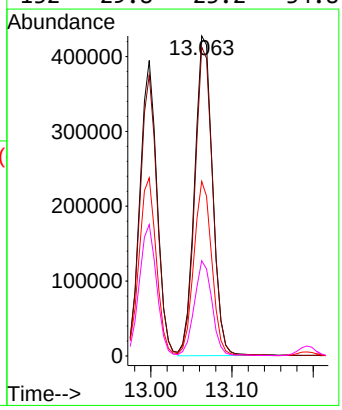


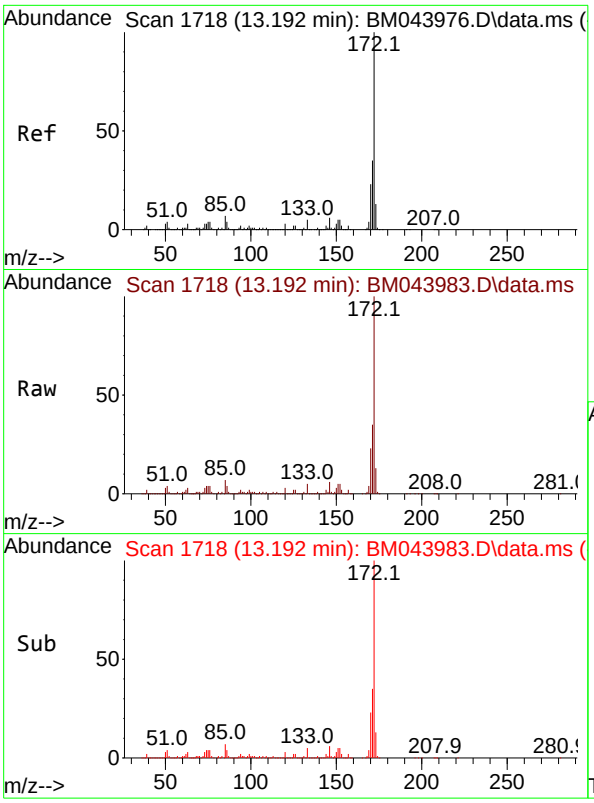


#44
2,4,5-Trichlorophenol
Concen: 41.021 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:196 Resp: 658697

Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.1	117.1
97	54.6	42.2	63.2
132	29.8	23.2	34.8

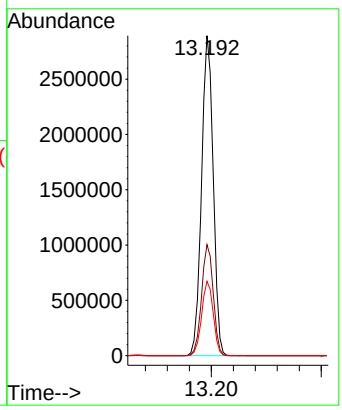




#45
2-Fluorobiphenyl
Concen: 79.617 ng
RT: 13.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:172 Resp: 425472

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.2	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
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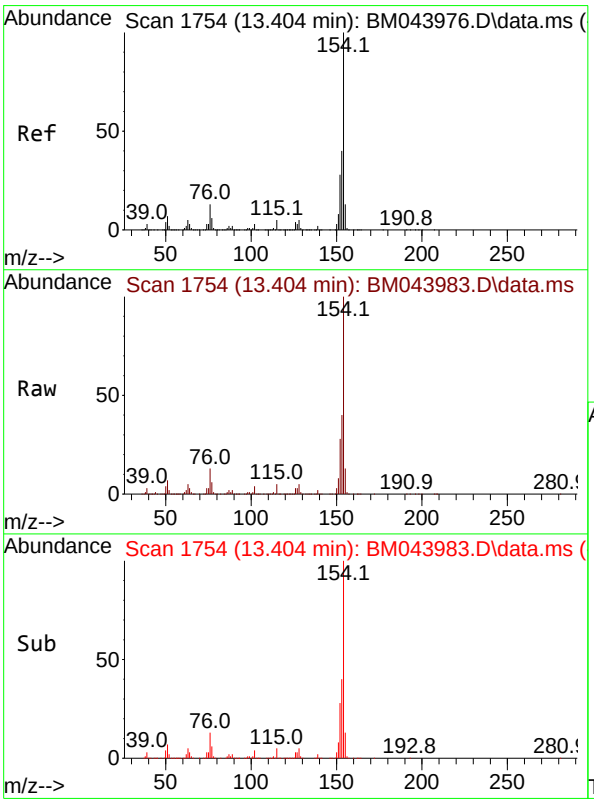
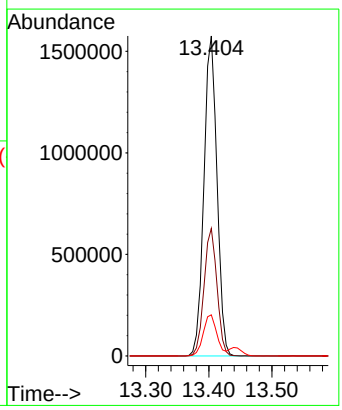
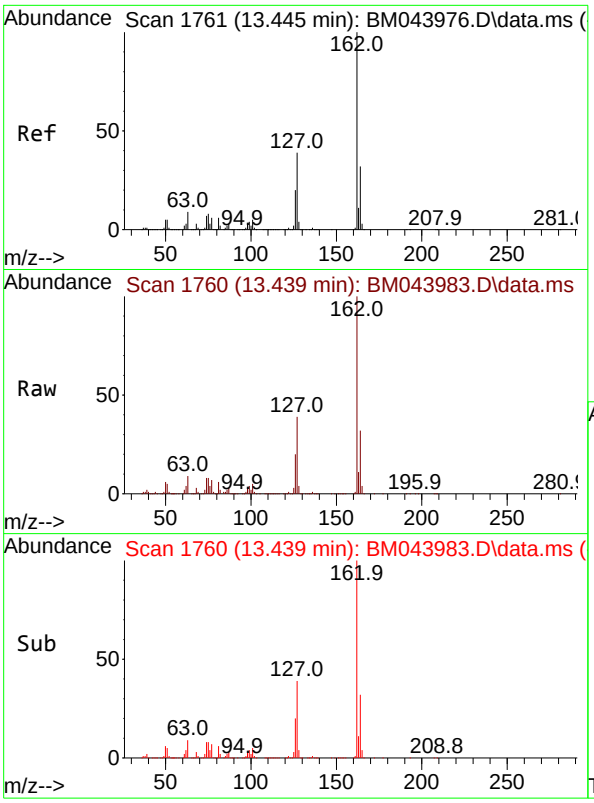


#46
1,1'-Biphenyl
Concen: 39.230 ng
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:154 Resp: 2265335

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.8	59.8
76	12.9	0.0	33.0

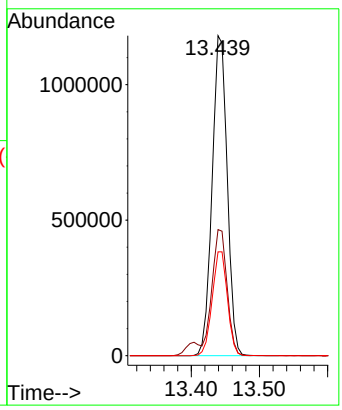




#47
2-Chloronaphthalene
Concen: 39.508 ng
RT: 13.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:162 Resp: 181938

Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.0	46.6
164	32.4	25.8	38.6



Instrument :
BNA_M
ClientSampleId :
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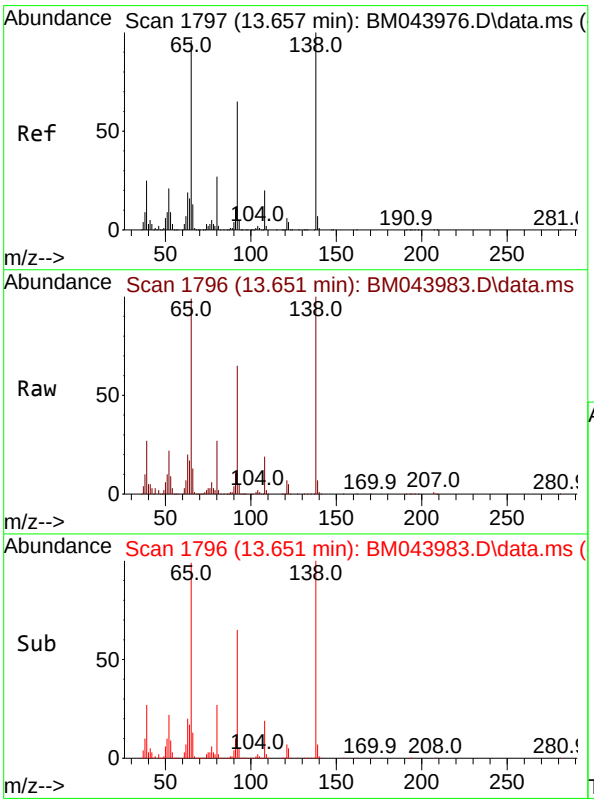
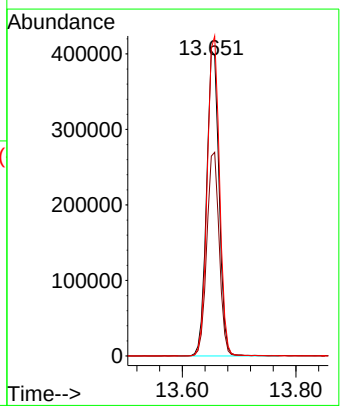
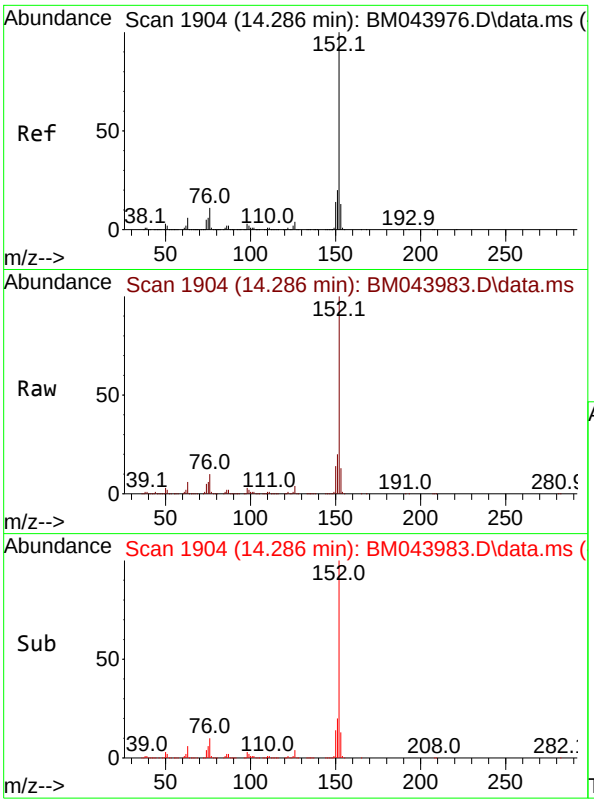


#48
2-Nitroaniline
Concen: 41.083 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 65 Resp: 615332

Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.6	80.4
138	100.7	83.0	124.6

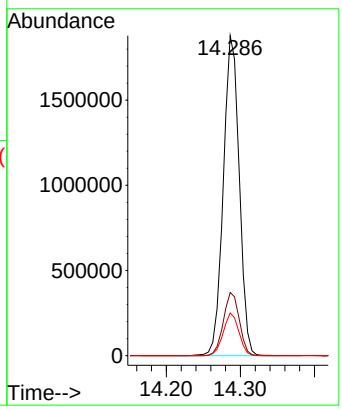




#49
Acenaphthylene
Concen: 39.827 ng
RT: 14.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:152 Resp: 280362

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.3	10.4	15.6



Instrument :
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ClientSampleId :
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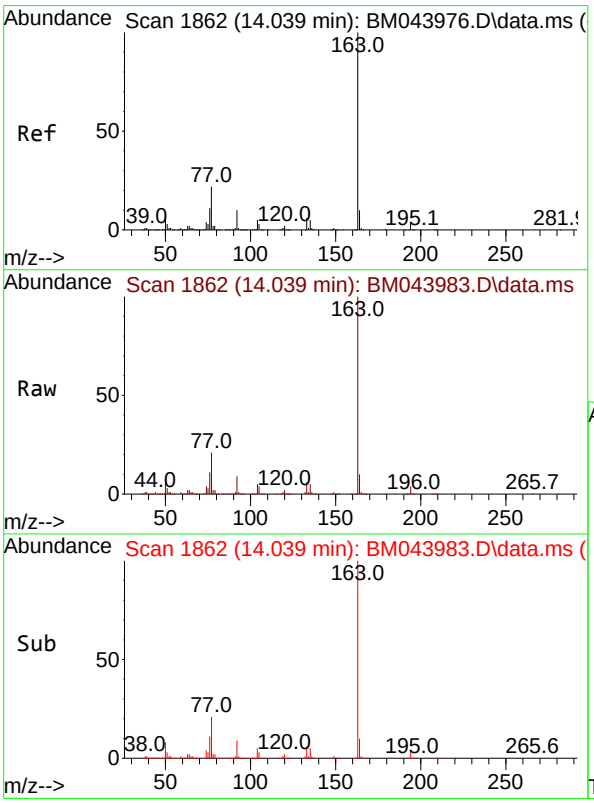
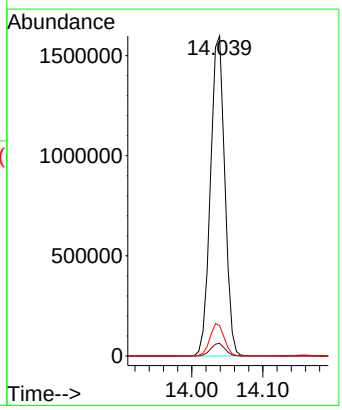
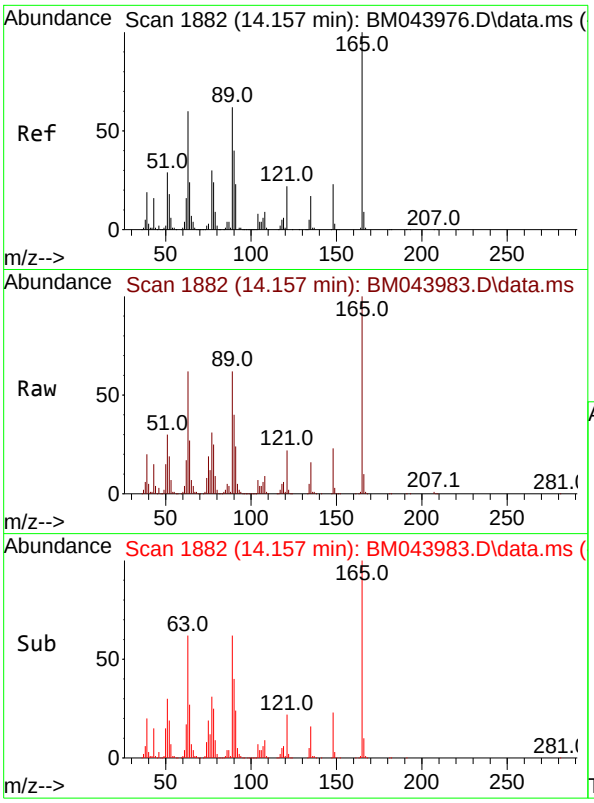


#50
Dimethylphthalate
Concen: 39.228 ng
RT: 14.039 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:163 Resp: 2237484

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.5	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 40.857 ng
RT: 14.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:165 Resp: 51225

Ion	Ratio	Lower	Upper
165	100		
63	62.3	51.1	76.7
89	61.6	49.5	74.3

Instrument :
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ClientSampleId :
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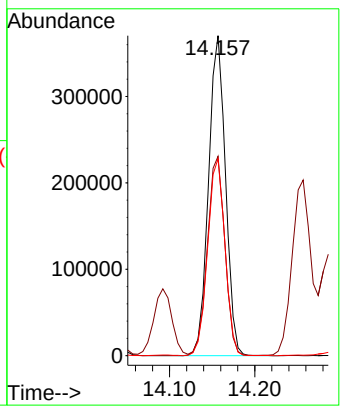
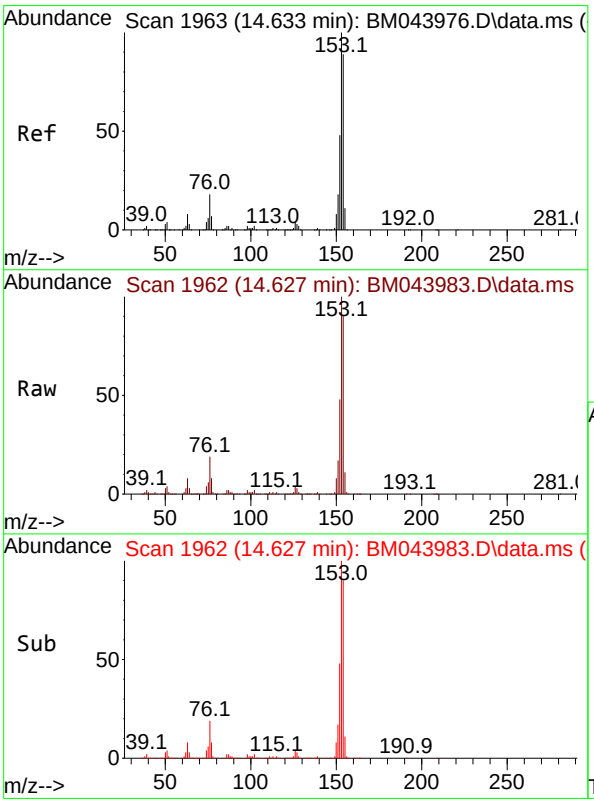
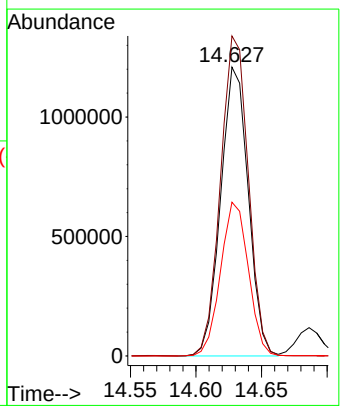


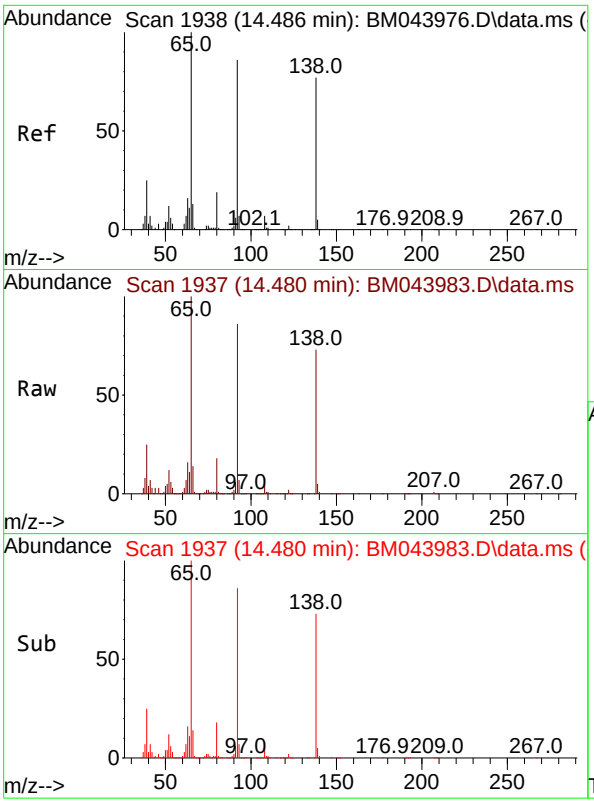


#52
Acenaphthene
Concen: 39.615 ng
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:154 Resp: 1767832

Ion	Ratio	Lower	Upper
154	100		
153	110.8	90.1	135.1
152	53.2	43.6	65.4





#53
3-Nitroaniline
Concen: 41.347 ng
RT: 14.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:138 Resp: 60179

Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.6
92	117.3	89.7	134.5

Instrument :
BNA_M
ClientSampleId :
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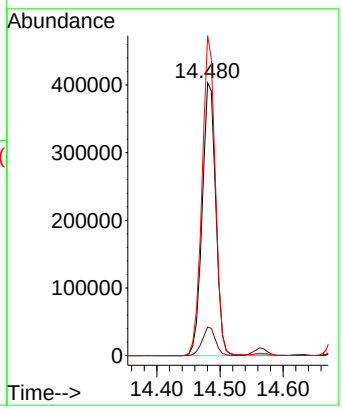
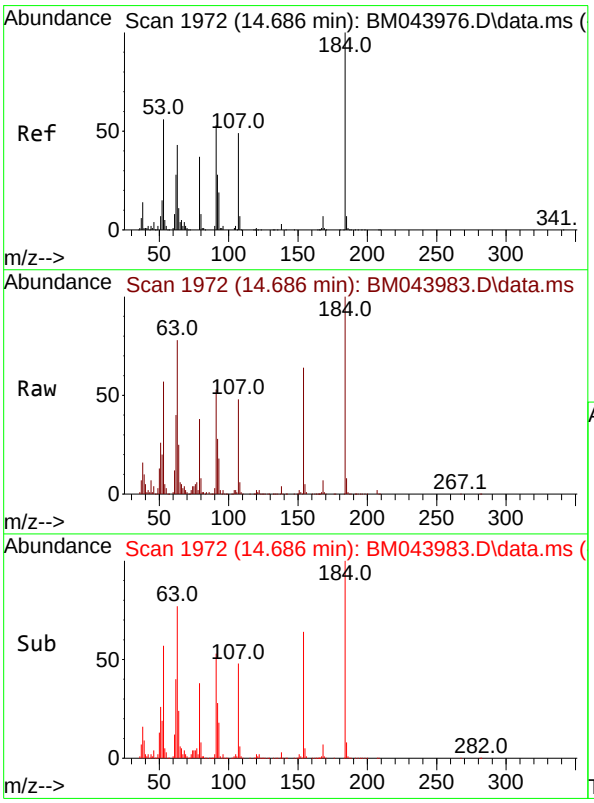
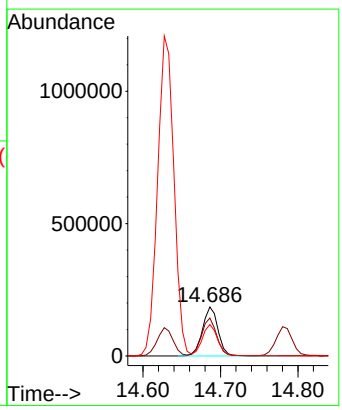


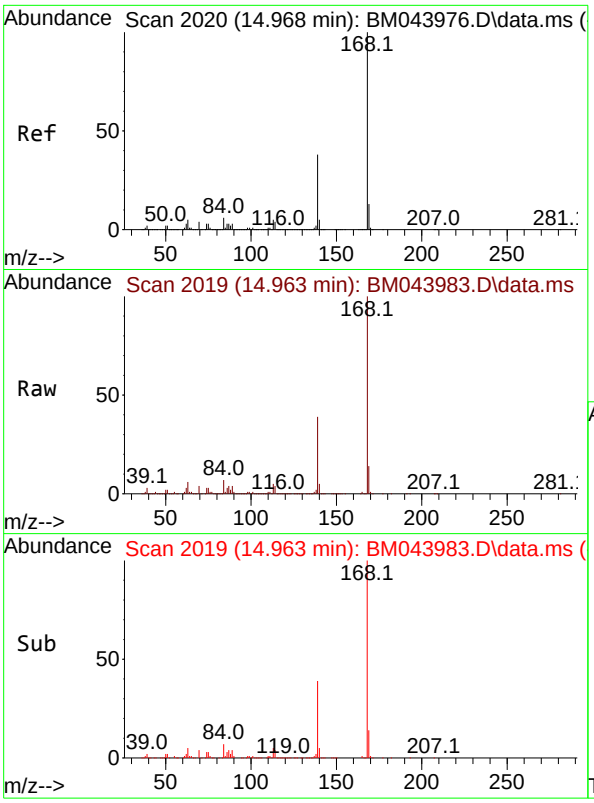


#54
2,4-Dinitrophenol
Concen: 37.380 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:184 Resp: 256591

Ion	Ratio	Lower	Upper
184	100		
63	77.5	62.8	94.2
154	63.9	51.4	77.2

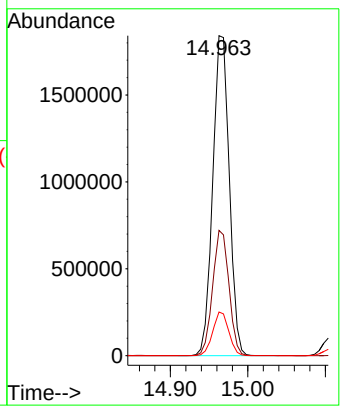




#55
Dibenzofuran
Concen: 39.189 ng
RT: 14.963 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:168 Resp: 272158

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.7	46.1
169	13.6	10.5	15.7



Instrument :
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ClientSampleId :
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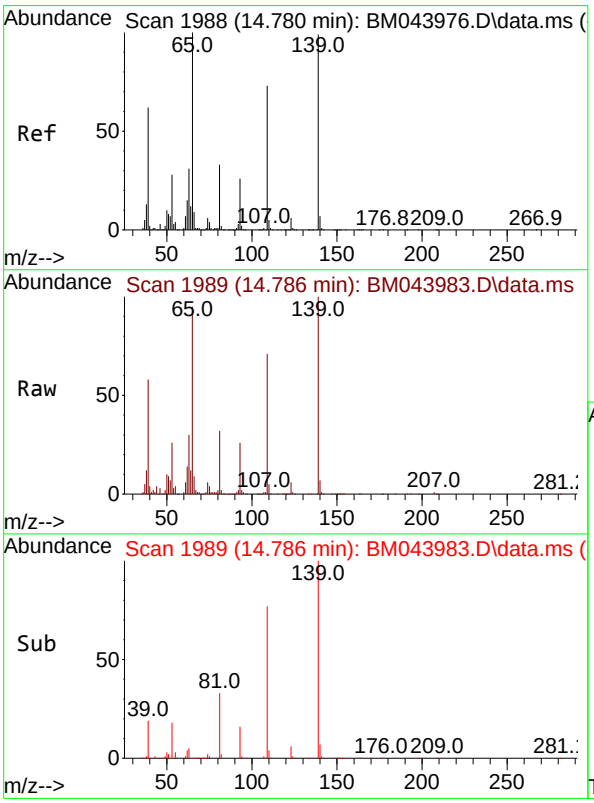
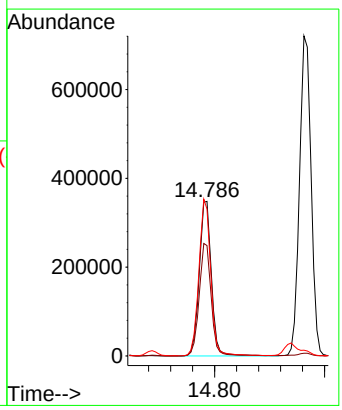
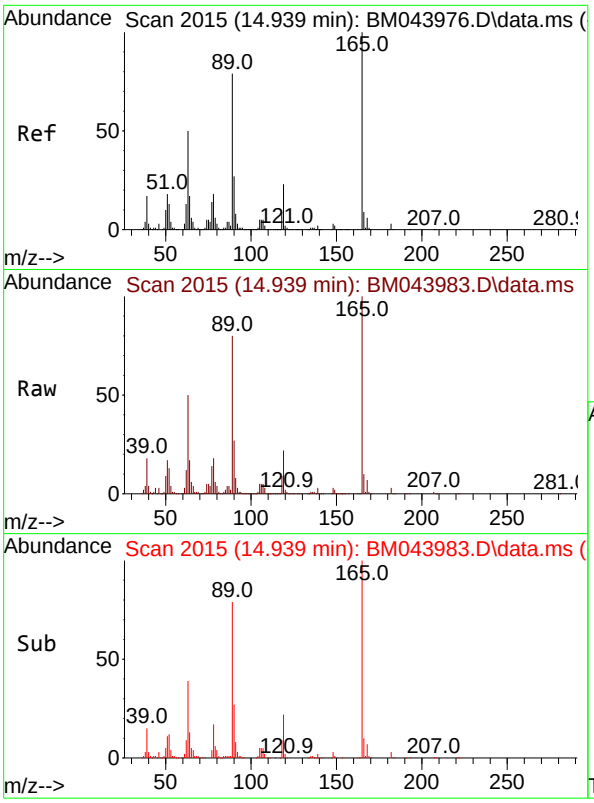


#56
4-Nitrophenol
Concen: 42.037 ng
RT: 14.786 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:139 Resp: 534687

Ion	Ratio	Lower	Upper
139	100		
109	71.4	53.2	93.2
65	95.0	80.7	120.7

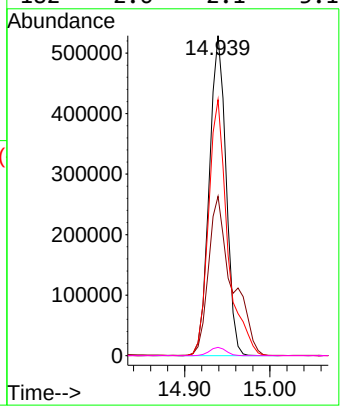




#57
2,4-Dinitrotoluene
Concen: 41.521 ng
RT: 14.939 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:165 Resp: 72464

Ion	Ratio	Lower	Upper
165	100		
63	49.8	40.2	60.4
89	80.0	63.3	94.9
182	2.6	2.1	3.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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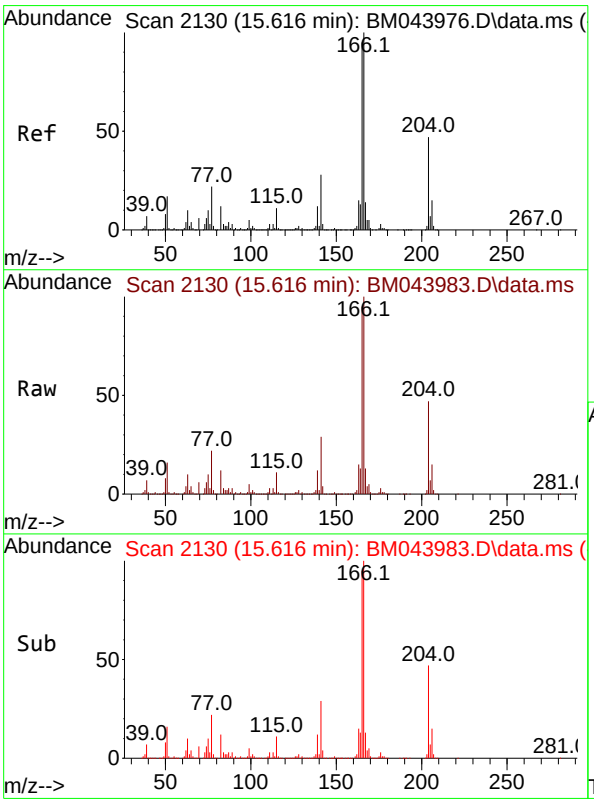
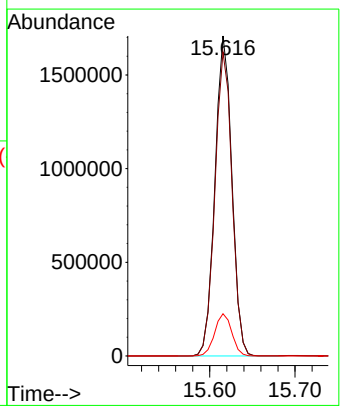
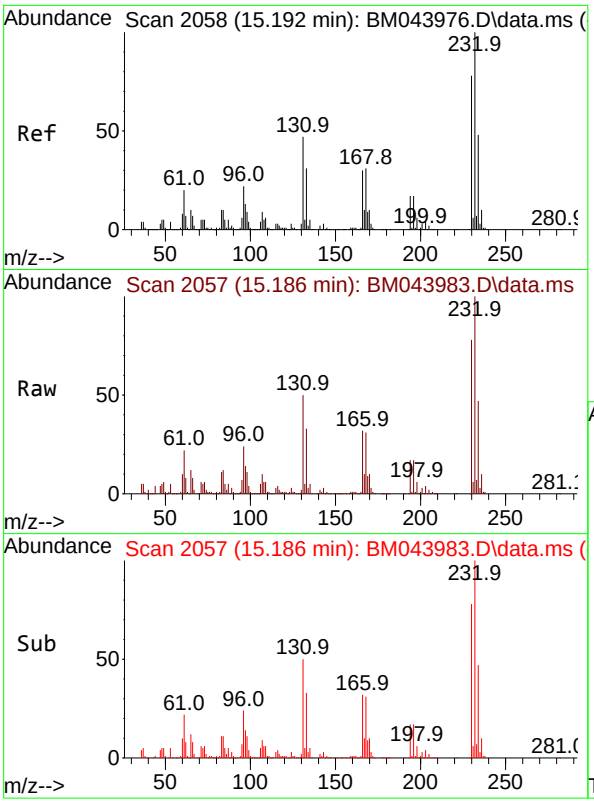


#58
Fluorene
Concen: 40.180 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:166 Resp: 2356459

Ion	Ratio	Lower	Upper
166	100		
165	94.9	76.3	114.5
167	13.2	10.9	16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.975 ng
RT: 15.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:232 Resp: 55337

Ion	Ratio	Lower	Upper
232	100		
131	50.2	39.8	59.6
130	2.4	2.0	3.0
166	32.1	25.4	38.2

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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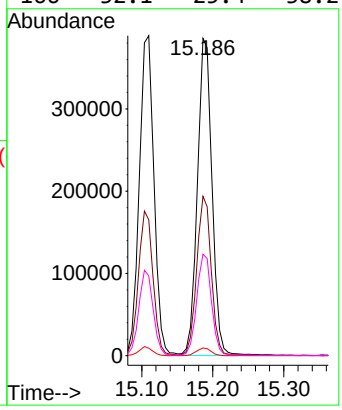
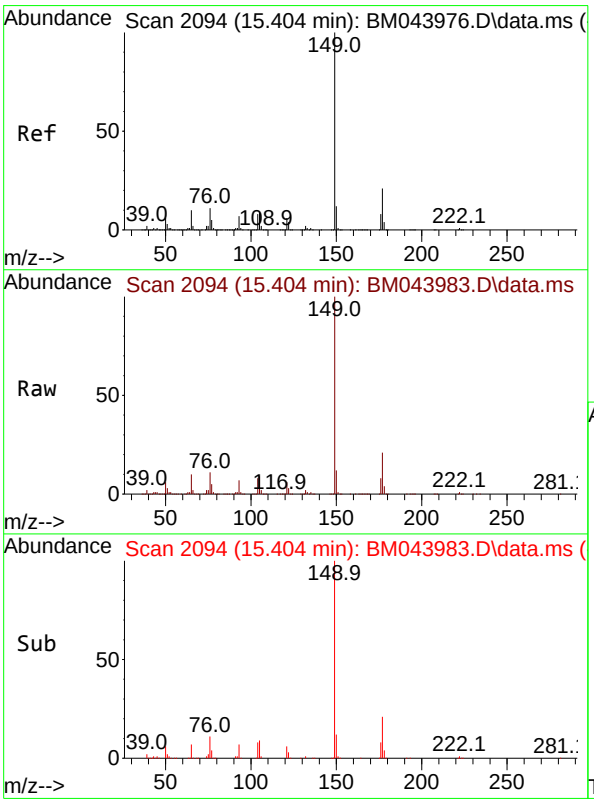
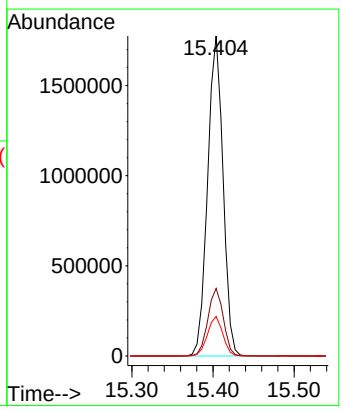


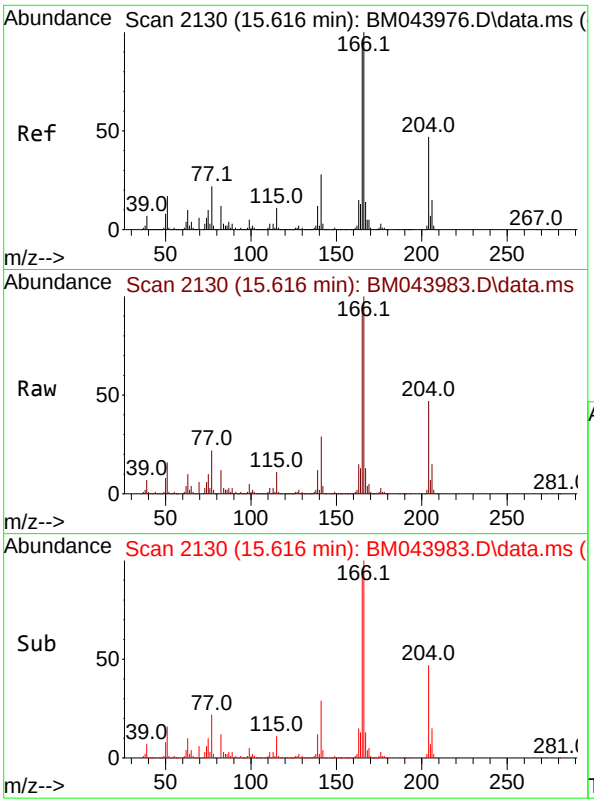


#60
Diethylphthalate
Concen: 39.481 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:149 Resp: 2331212

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.1	25.7
150	12.3	9.8	14.6





#61
4-Chlorophenyl-phenylether
Concen: 39.970 ng
RT: 15.616 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:204 Resp: 109367

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	60.2	48.6	72.8

Instrument :
BNA_M
ClientSampleId :
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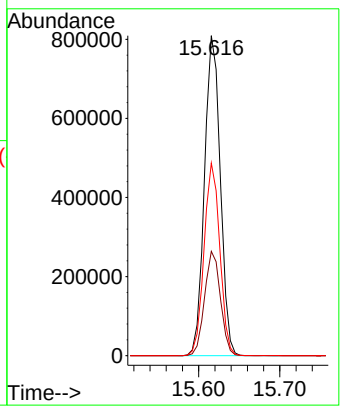
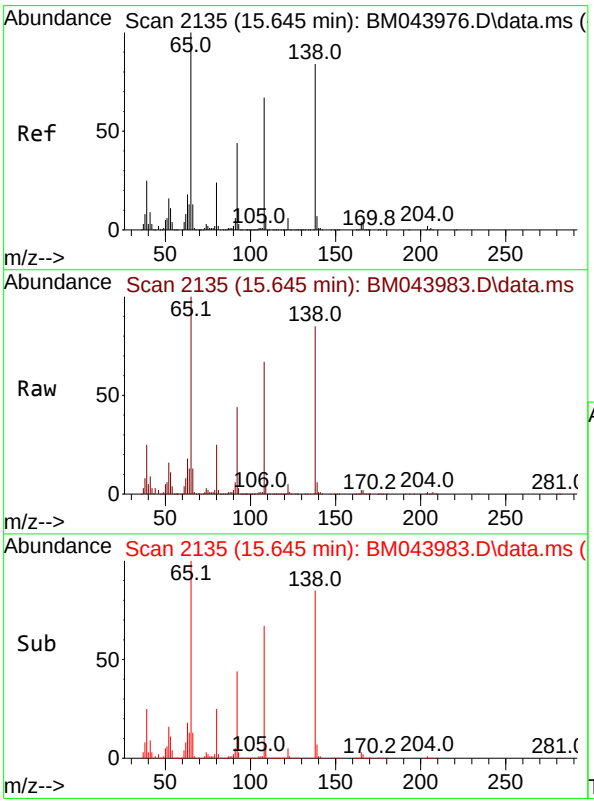
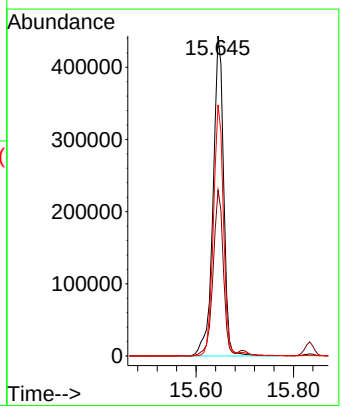


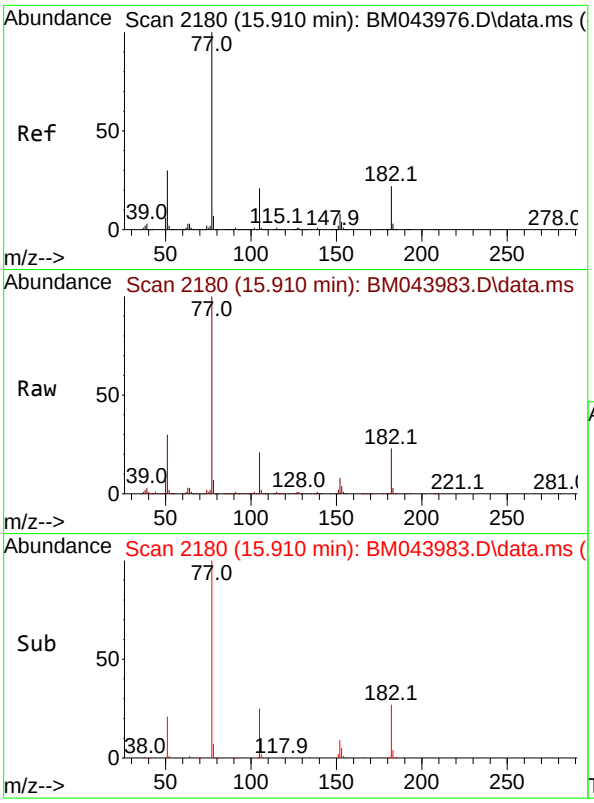


#62
4-Nitroaniline
Concen: 41.986 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:138 Resp: 668165

Ion	Ratio	Lower	Upper
138	100		
92	51.8	32.7	72.7
108	78.5	60.0	100.0

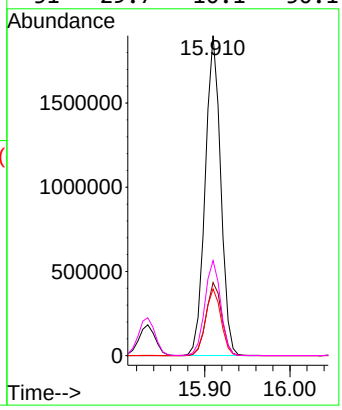




#63
Azobenzene
Concen: 40.681 ng
RT: 15.910 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion: 77 Resp: 239916

Ion	Ratio	Lower	Upper
77	100		
182	22.9	2.0	42.0
105	20.9	0.5	40.5
51	29.7	10.1	50.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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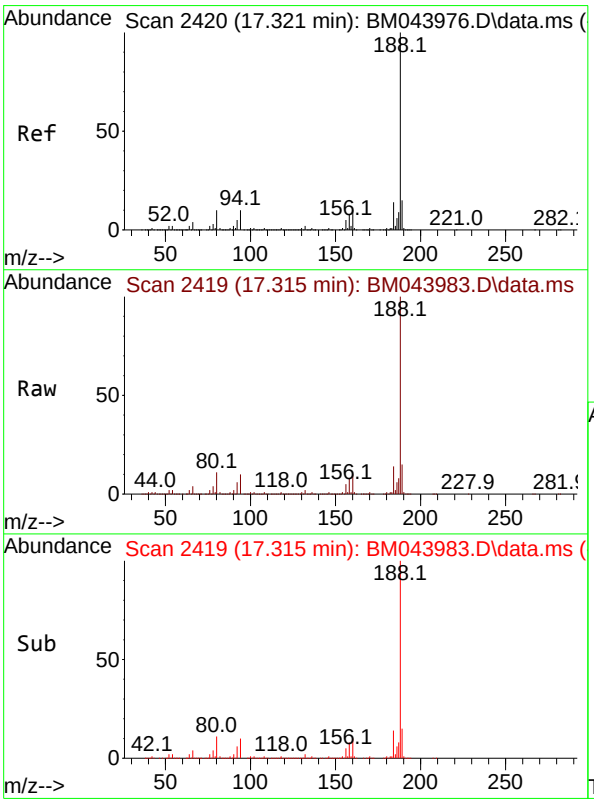
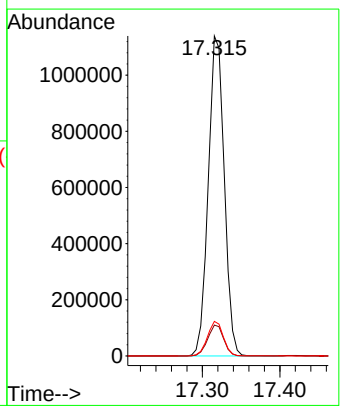
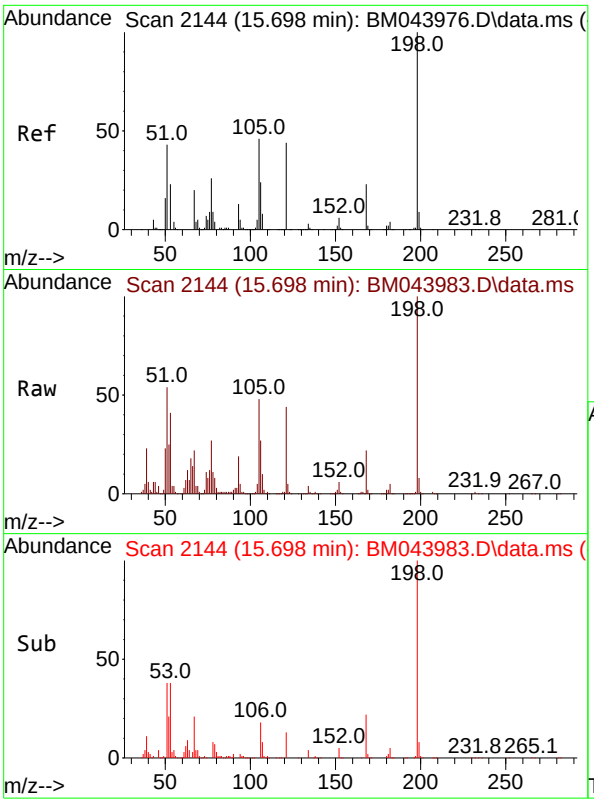


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:188 Resp: 1634266

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.7	11.5
80	10.8	8.2	12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 38.208 ng
RT: 15.698 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:198 Resp: 37136

Ion	Ratio	Lower	Upper
198	100		
51	54.0	31.9	71.9
105	47.5	28.1	68.1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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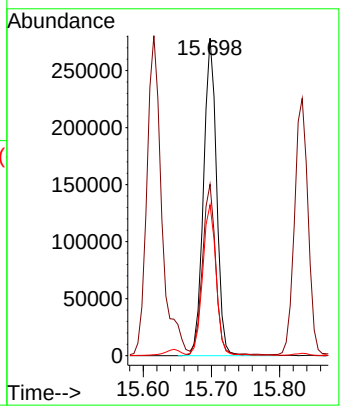
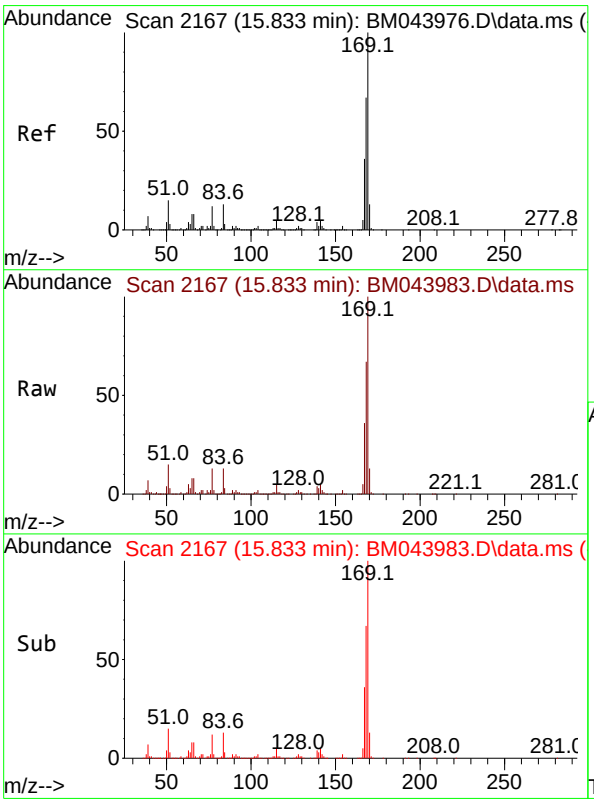
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

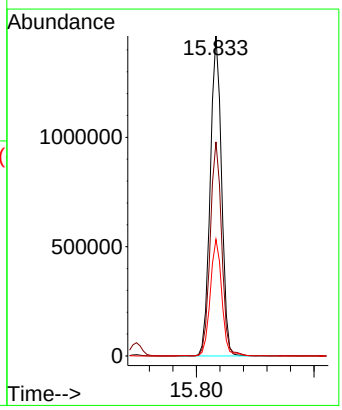


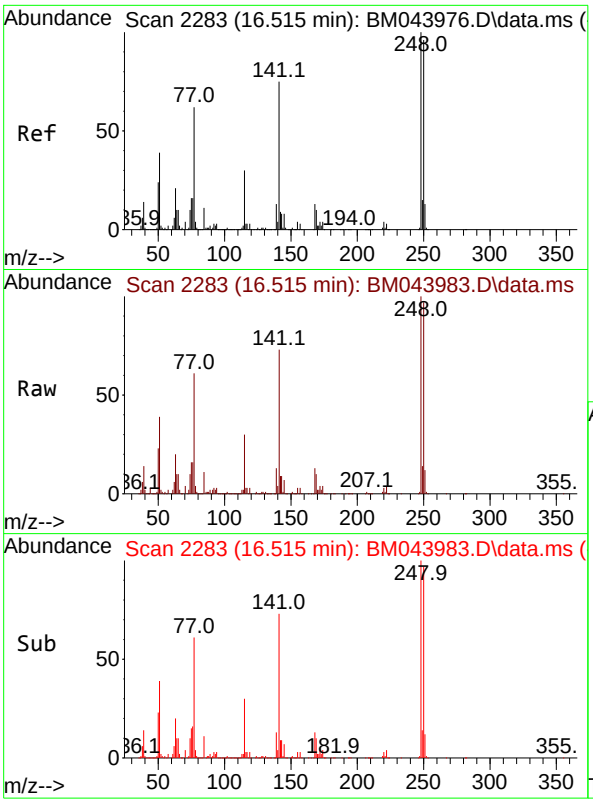


#66
n-Nitrosodiphenylamine
Concen: 40.057 ng
RT: 15.833 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:169 Resp: 1950018

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.2
167	36.4	29.0	43.4





#67
4-Bromophenyl-phenylether
Concen: 39.809 ng
RT: 16.515 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:248 Resp: 64090

Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.0	115.4
141	73.3	59.9	89.9

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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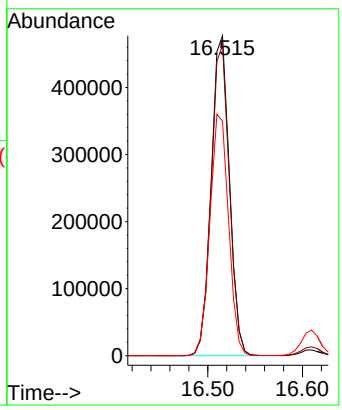
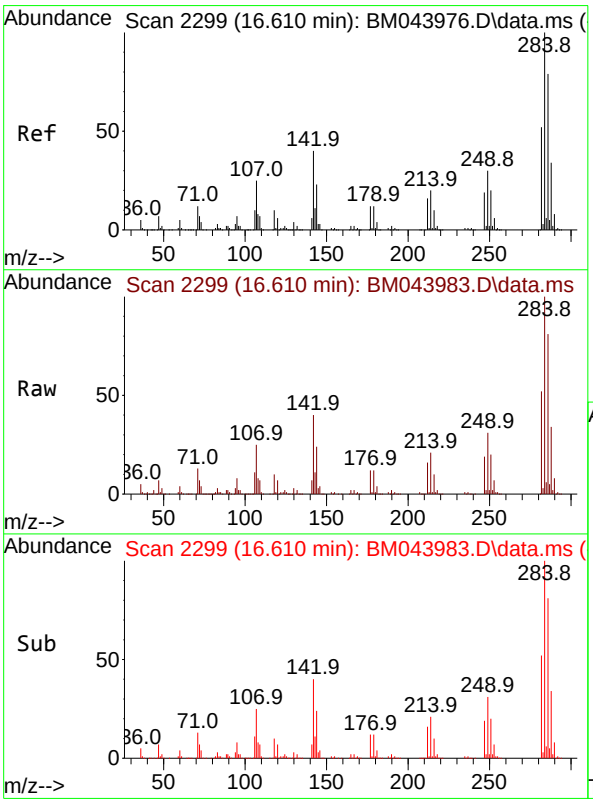
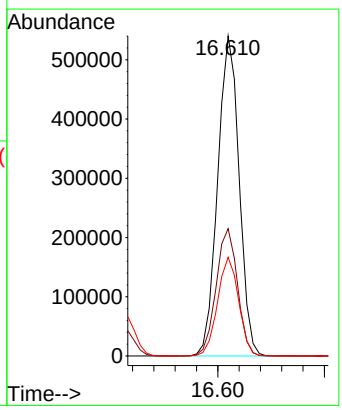


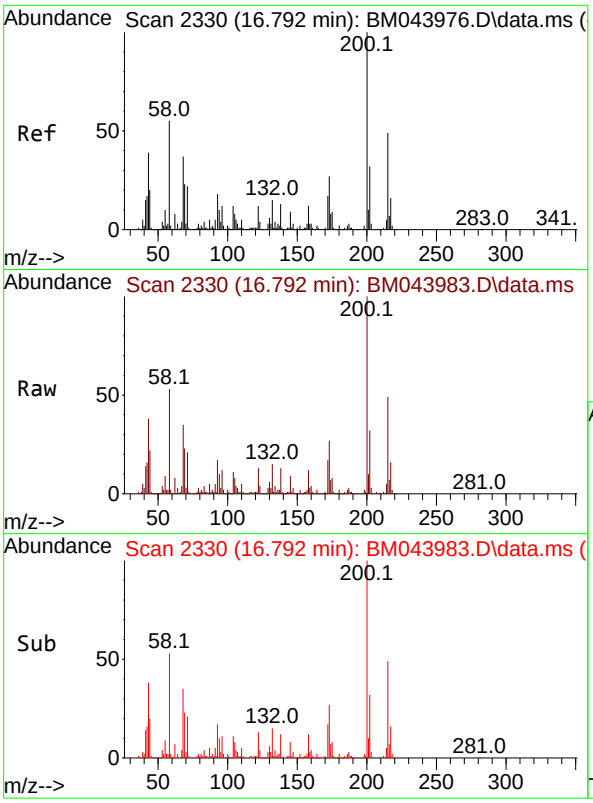


#68
Hexachlorobenzene
Concen: 39.234 ng
RT: 16.610 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:284 Resp: 753104

Ion	Ratio	Lower	Upper
284	100		
142	39.8	32.2	48.4
249	30.8	24.4	36.6





#69
Atrazine
Concen: 41.231 ng
RT: 16.792 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:200 Resp: 55528

Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.3	47.3
215	49.1	28.7	68.7

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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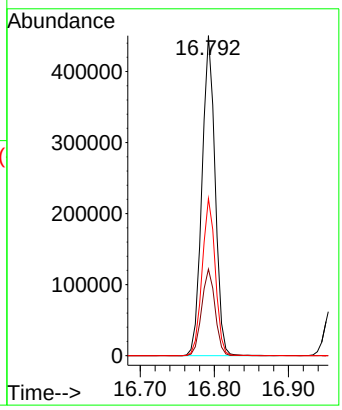
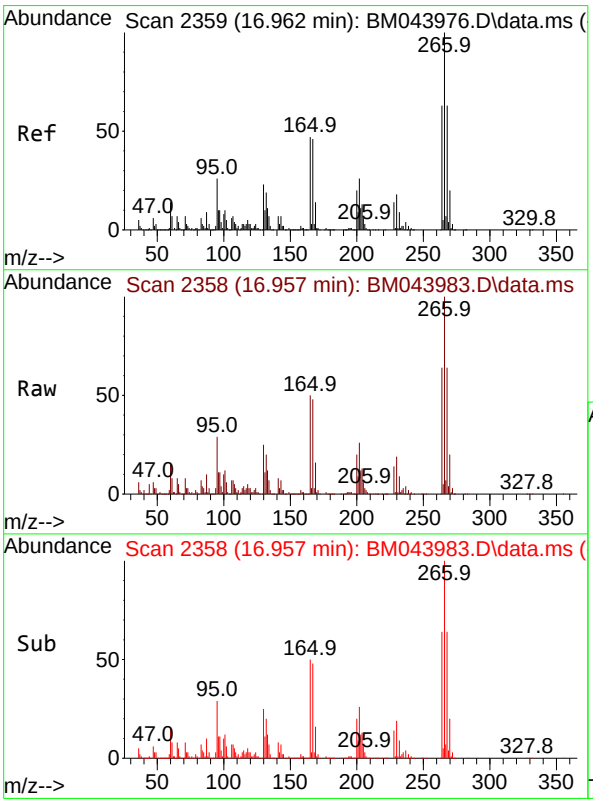
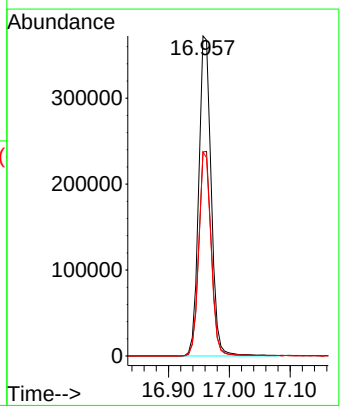


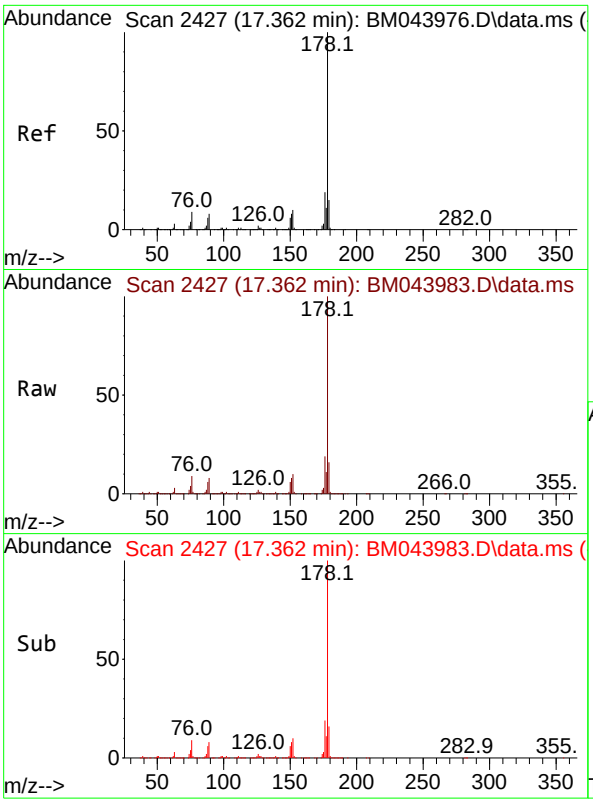


#70
Pentachlorophenol
Concen: 41.772 ng
RT: 16.957 min Scan# 2358
Delta R.T. -0.005 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:266 Resp: 526507

Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.6	76.0
264	63.7	50.6	76.0

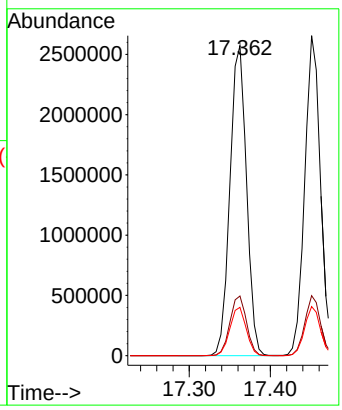




#71
Phenanthrene
Concen: 40.023 ng
RT: 17.362 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:178 Resp: 364314

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
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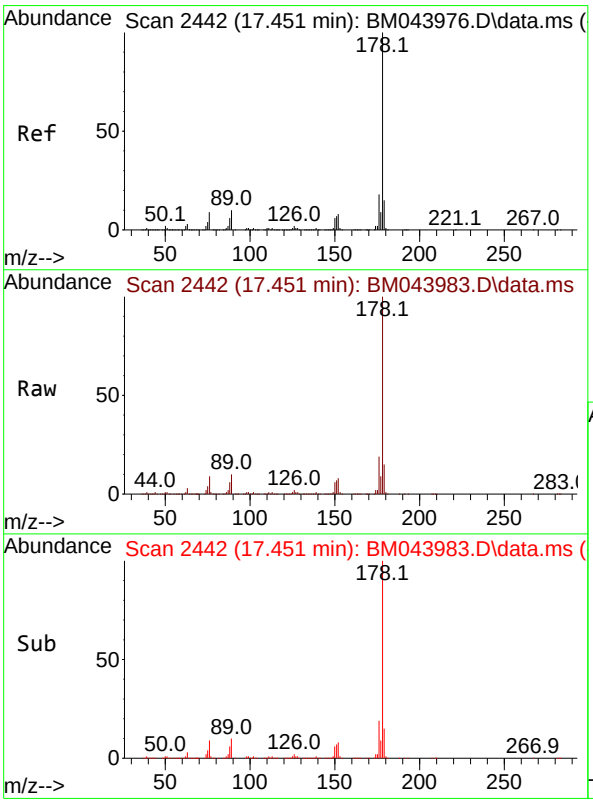
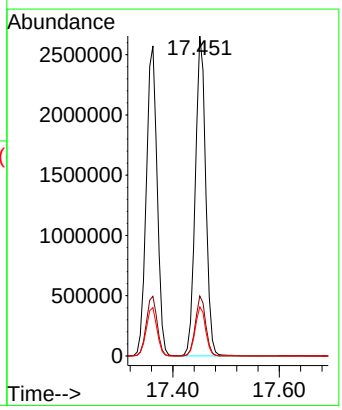
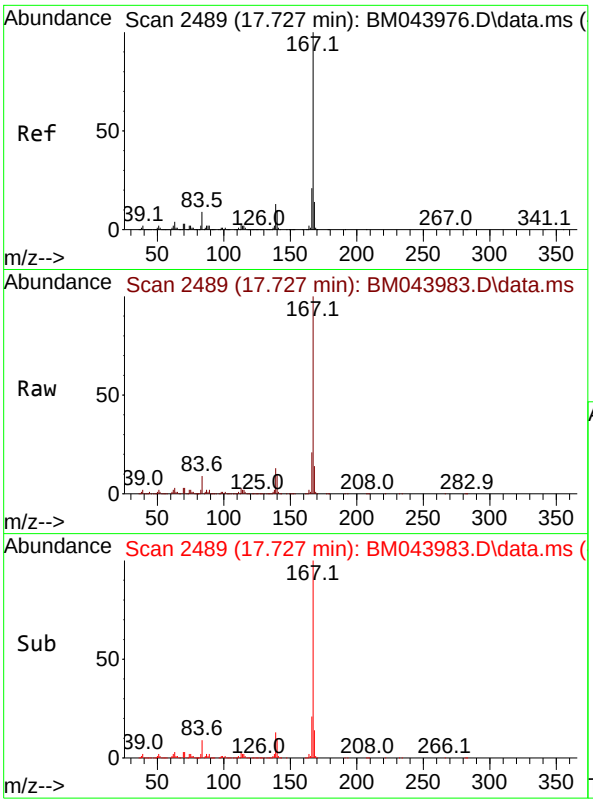


#72
Anthracene
Concen: 40.390 ng
RT: 17.451 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:178 Resp: 3599476

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.3	12.2	18.4





#73
Carbazole
Concen: 40.633 ng
RT: 17.727 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:167 Resp: 375026

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	13.0	10.6	15.8

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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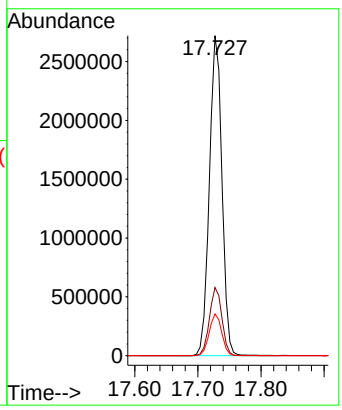
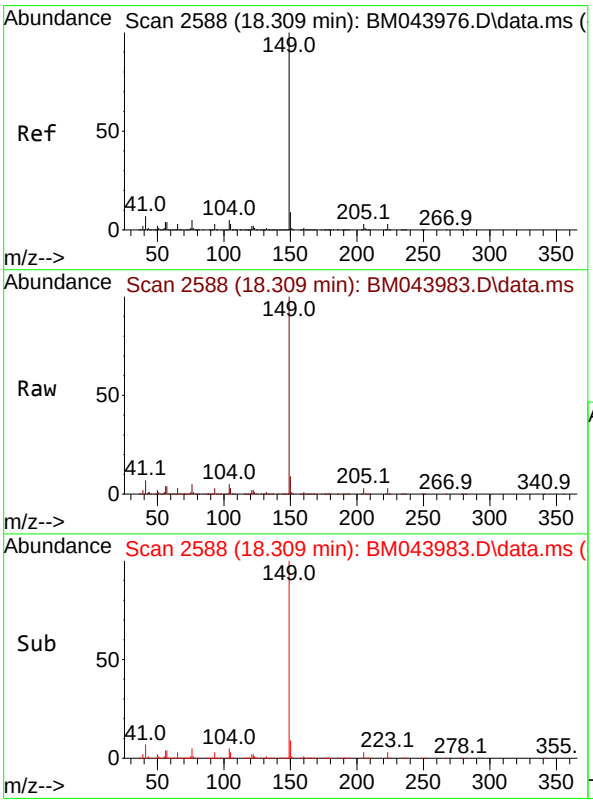
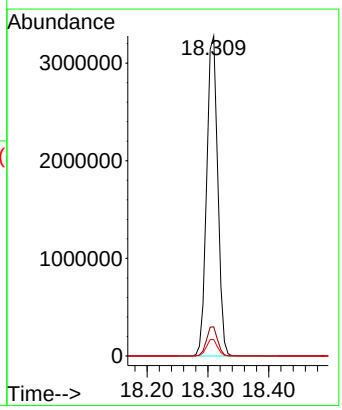


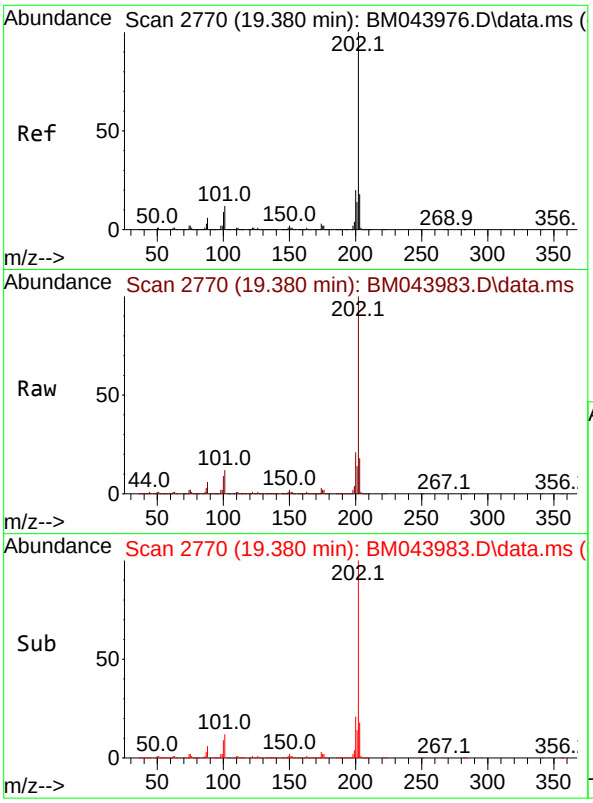


#74
Di-n-butylphthalate
Concen: 40.954 ng
RT: 18.309 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:149 Resp: 4145249

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.1	6.1

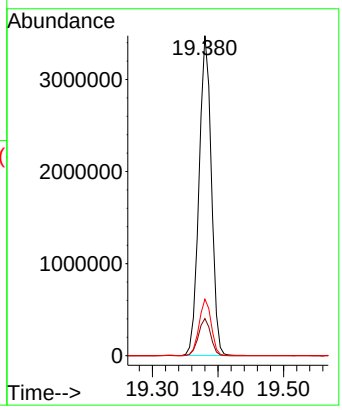




#75
Fluoranthene
Concen: 40.461 ng
RT: 19.380 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:202 Resp: 455463

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.9
203	17.6	0.0	37.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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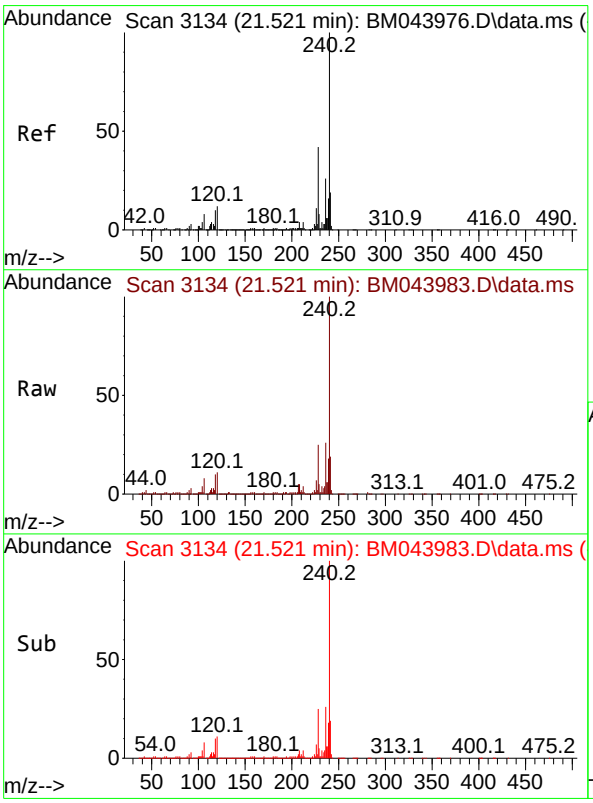
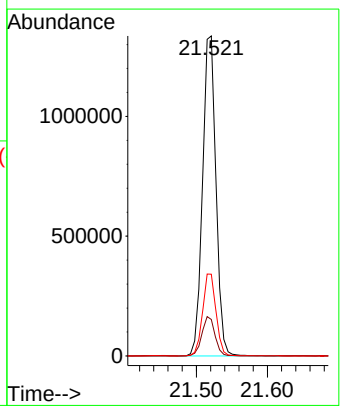
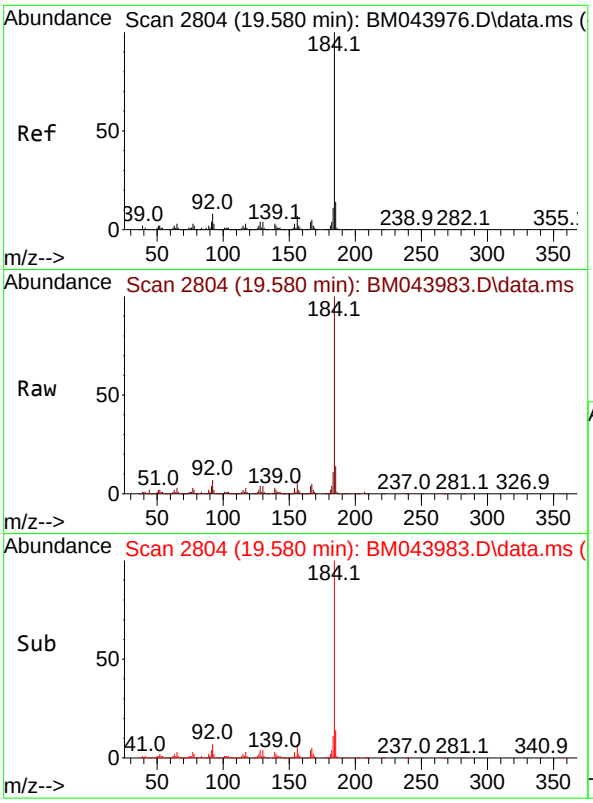


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:240 Resp: 1758444

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.3	13.9
236	25.6	20.5	30.7

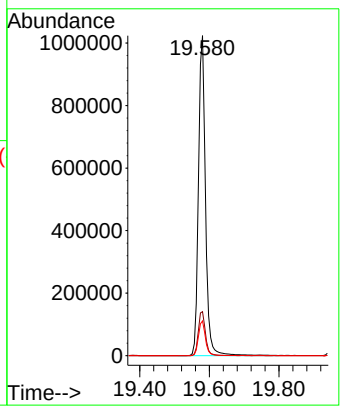




#77
Benzidine
Concen: 64.138 ng
RT: 19.580 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:184 Resp: 143095

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	10.8	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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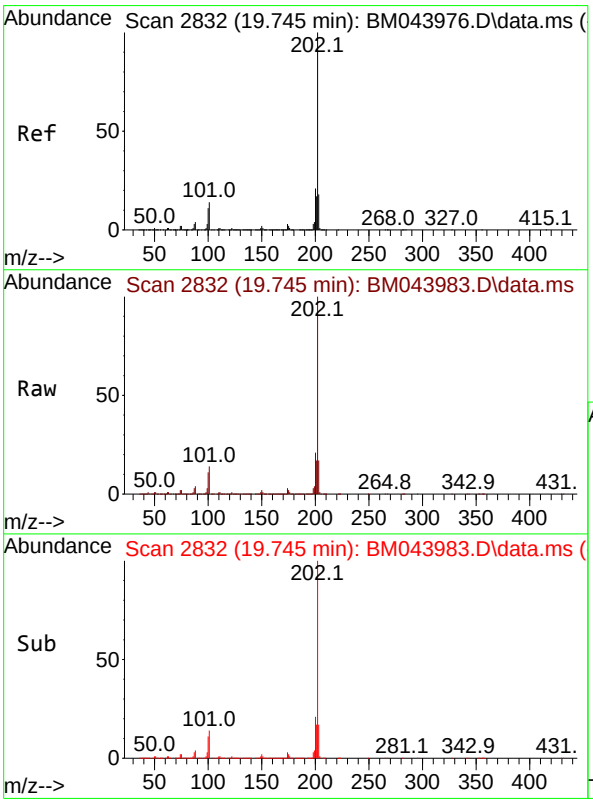
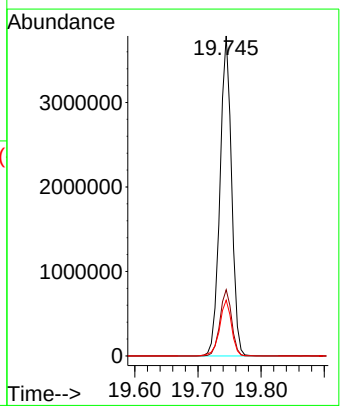
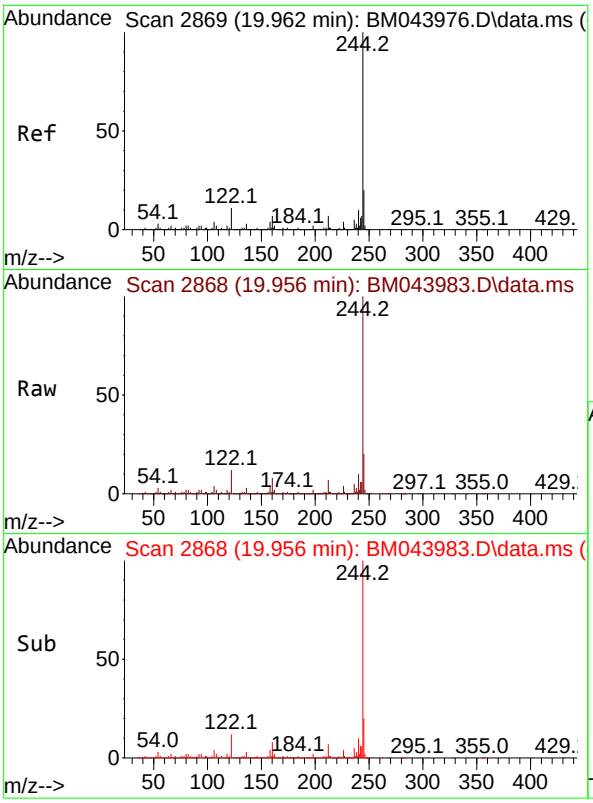


#78
Pyrene
Concen: 40.115 ng
RT: 19.745 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:202 Resp: 4848857

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.5	14.2	21.4





#79
Terphenyl-d14
Concen: 84.530 ng
RT: 19.956 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:244 Resp: 769999

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	12.0	8.7	13.1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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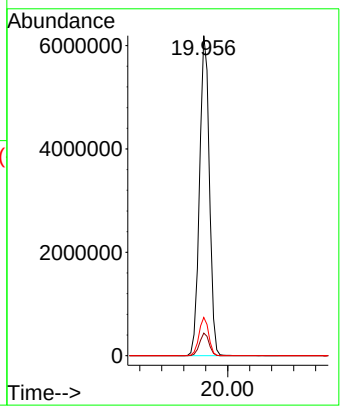
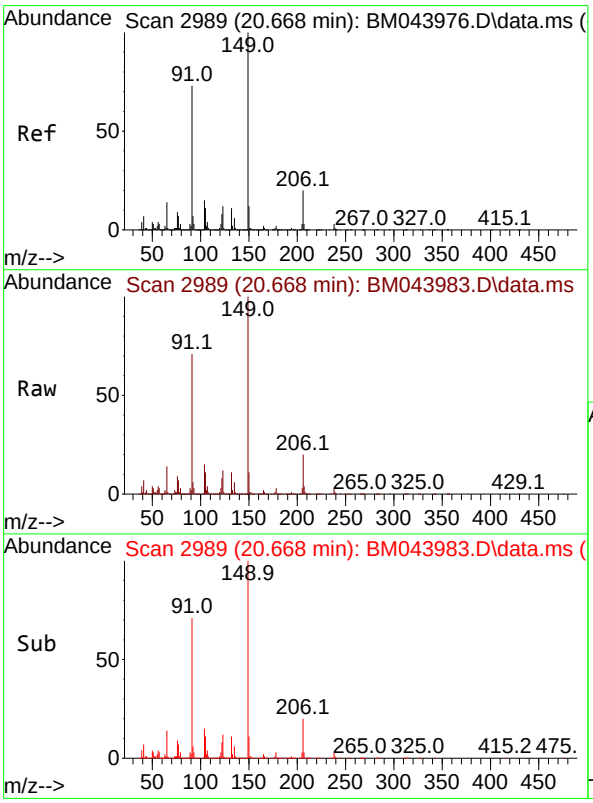
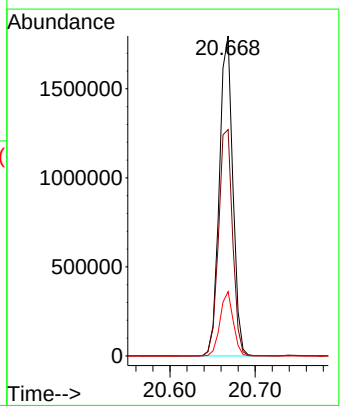


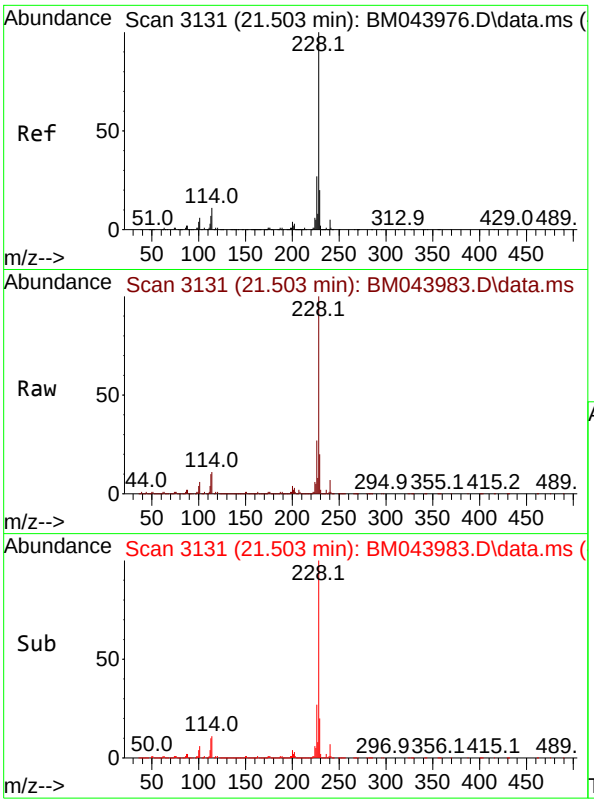


#80
Butylbenzylphthalate
Concen: 41.262 ng
RT: 20.668 min Scan# 2989
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:149 Resp: 1974946

Ion	Ratio	Lower	Upper
149	100		
91	70.7	58.4	87.6
206	20.1	15.8	23.6

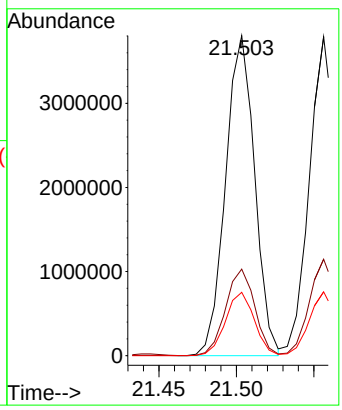




#81
Benzo(a)anthracene
Concen: 40.277 ng
RT: 21.503 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:228 Resp: 496877

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.8	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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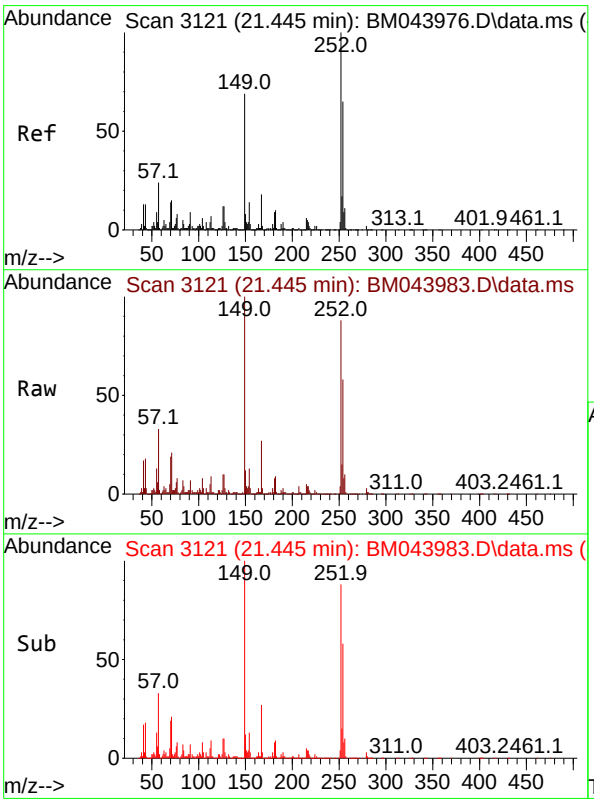
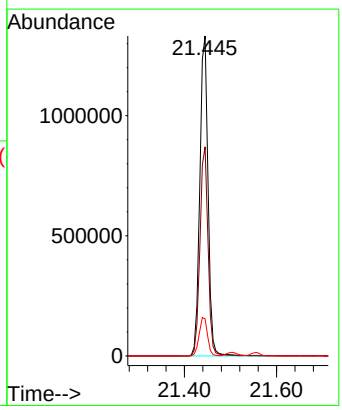
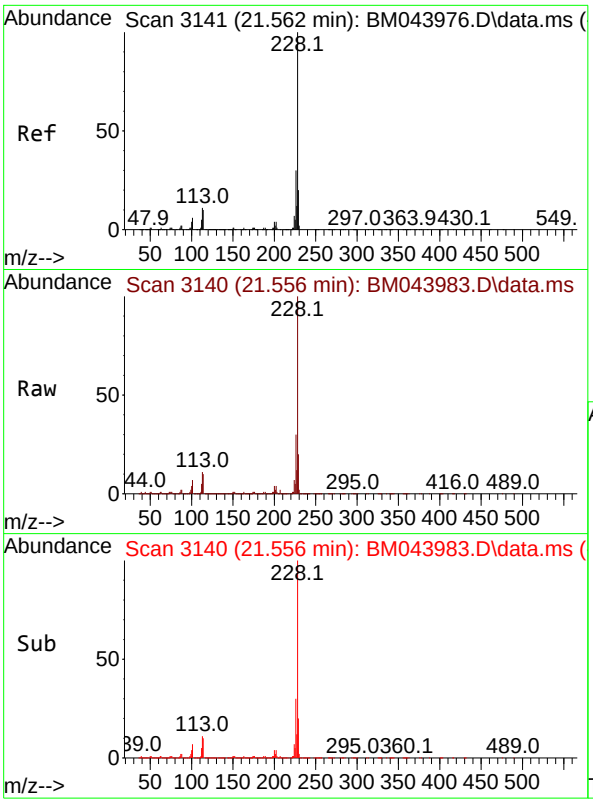


#82
3,3'-Dichlorobenzidine
Concen: 41.885 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:252 Resp: 1652207

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.6	77.4
126	11.6	9.4	14.2

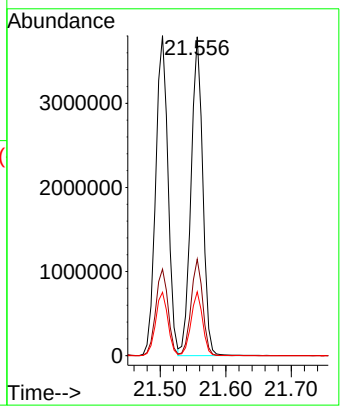




#83
Chrysene
Concen: 39.791 ng
RT: 21.556 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:228 Resp: 470295

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.0	15.8	23.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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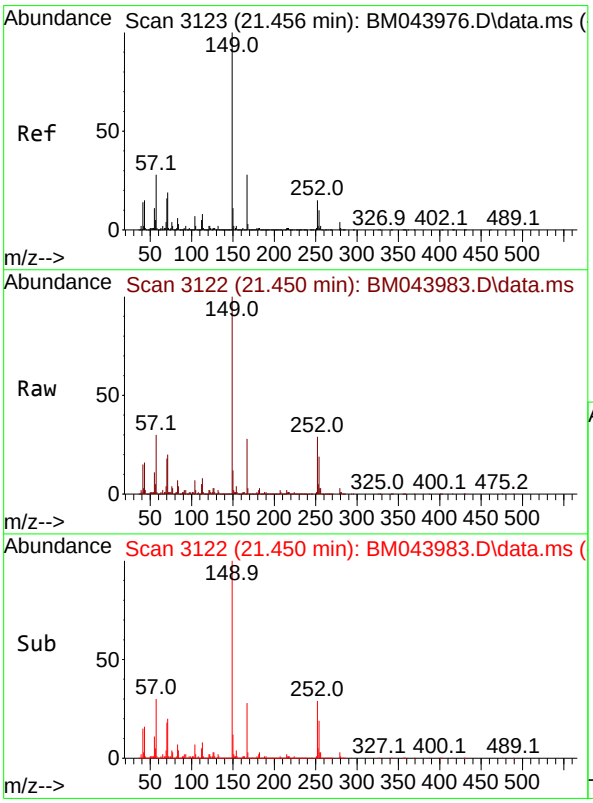
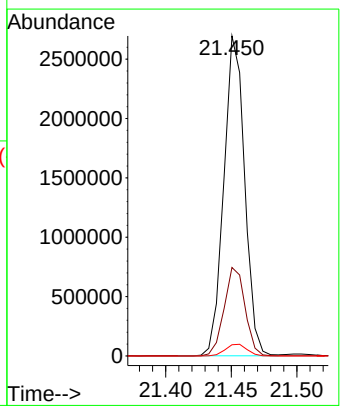
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

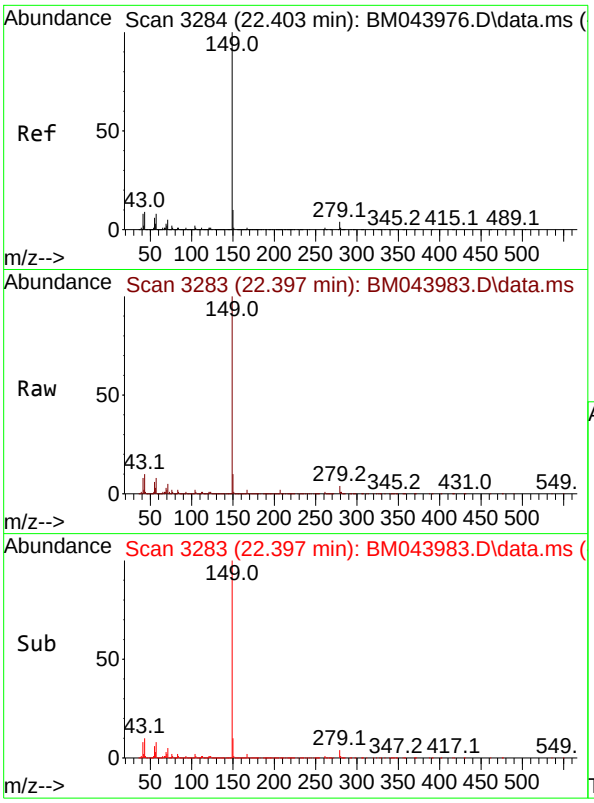


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.816 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:149 Resp: 2976455

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.0	33.0
279	3.5	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 41.852 ng
RT: 22.397 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:149 Resp: 513188

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9

Instrument :
BNA_M
ClientSampleId :
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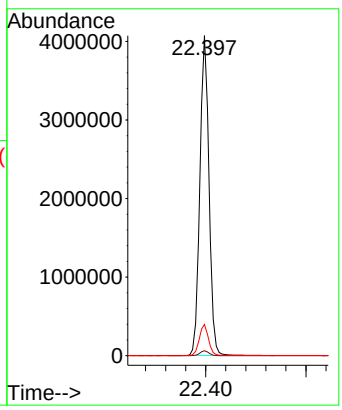
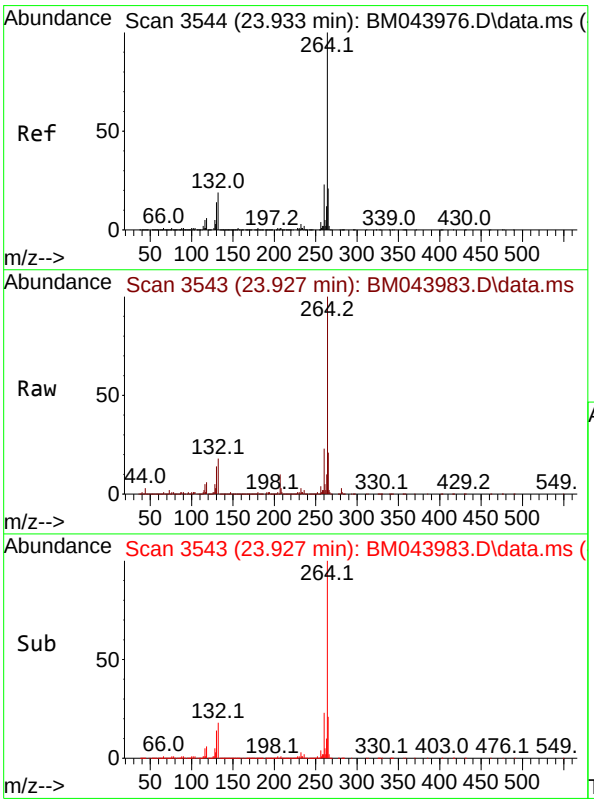
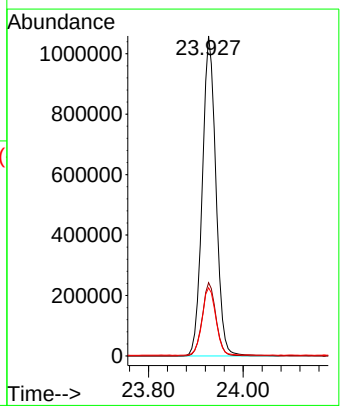


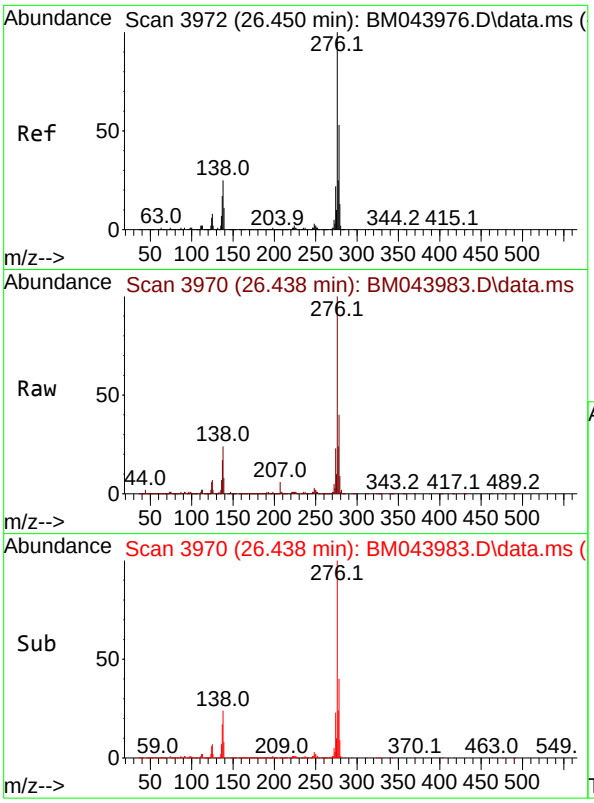


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3543
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:264 Resp: 2114018

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.3	17.2	25.8

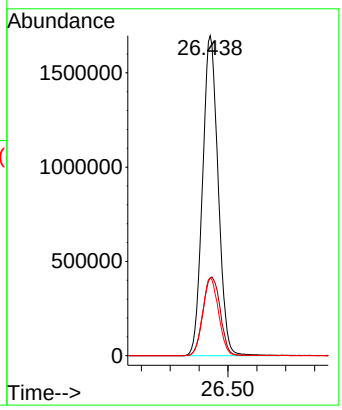




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.114 ng
RT: 26.438 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:276 Resp: 634543

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	24.9	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
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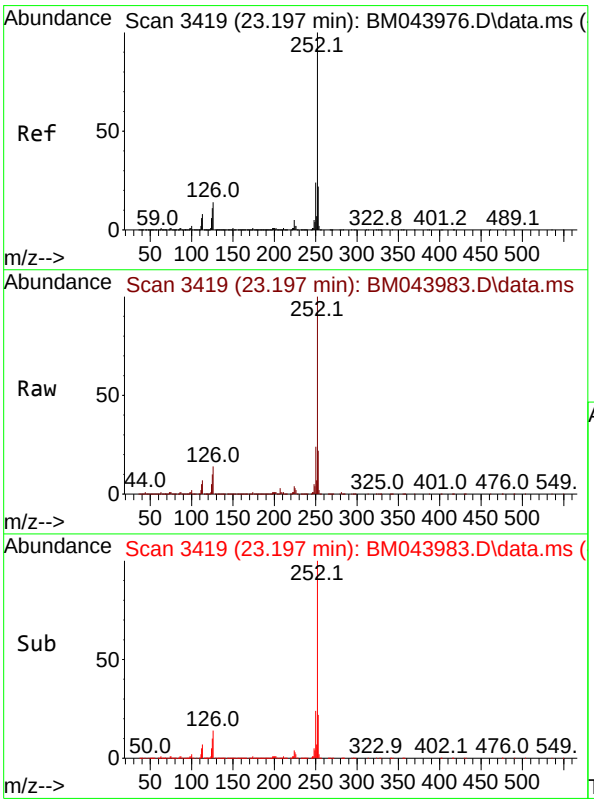
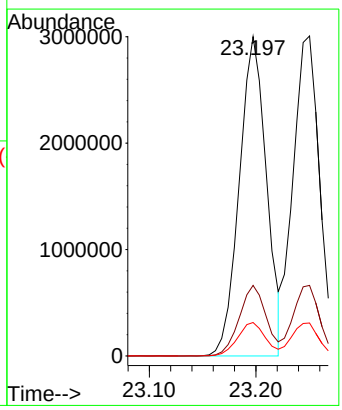
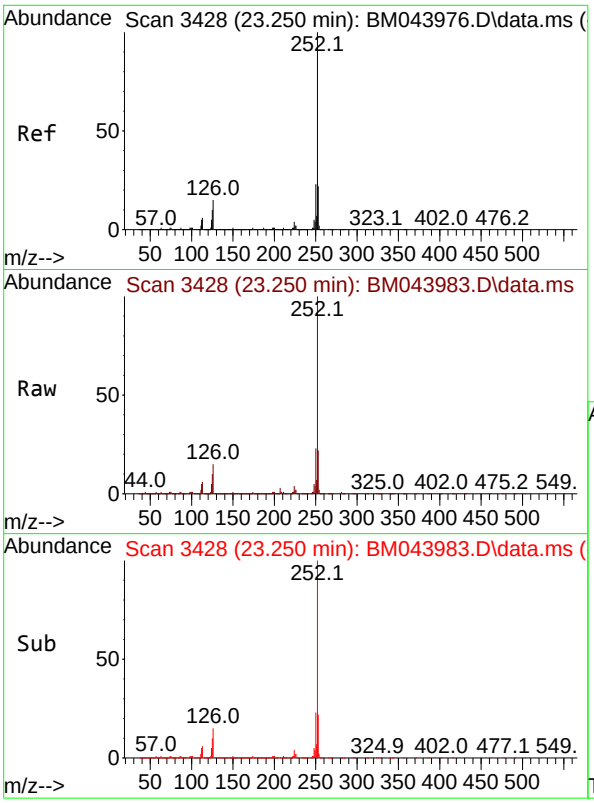


#88
Benzo(b)fluoranthene
Concen: 40.049 ng
RT: 23.197 min Scan# 3419
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:252 Resp: 5325548

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.5	9.0	13.6





#89
Benzo(k)fluoranthene
Concen: 40.929 ng
RT: 23.250 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:252 Resp: 522165

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.3	8.3	12.5

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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Reviewed By :Jagrut Upadhyay 02/07/2024
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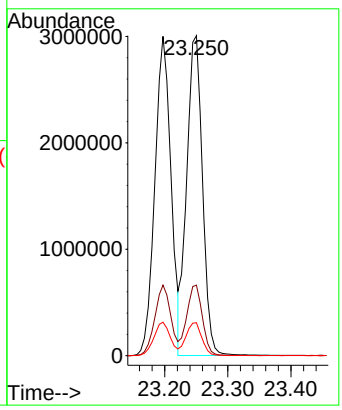
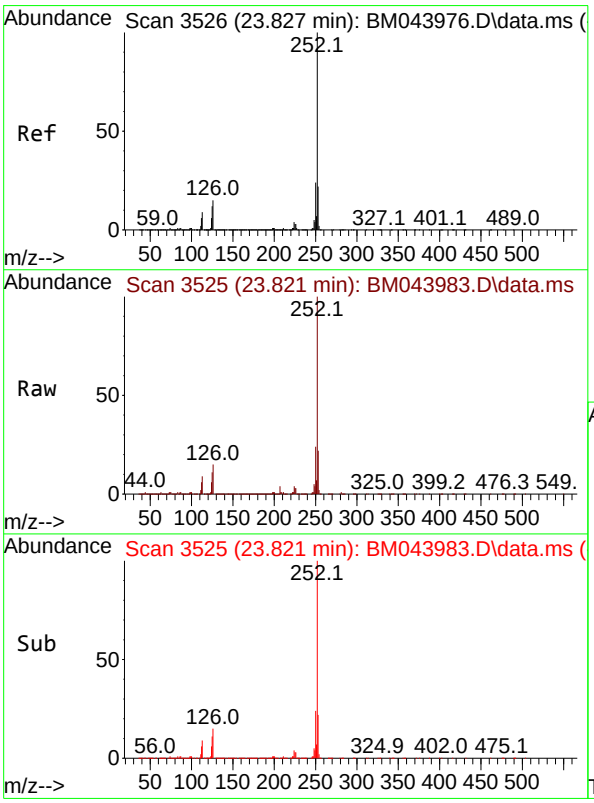
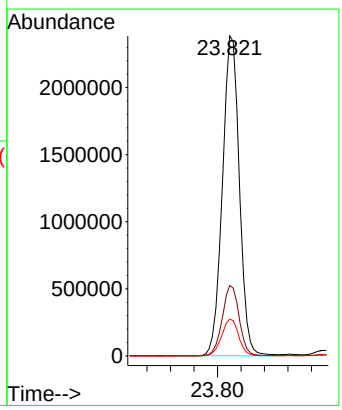


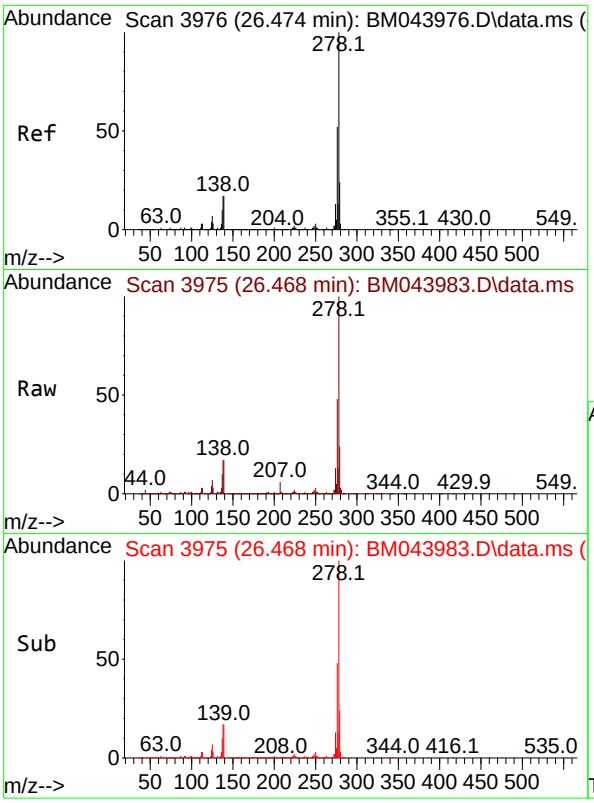


#90
Benzo(a)pyrene
Concen: 40.573 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:252 Resp: 4768899

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.5	9.4	14.2

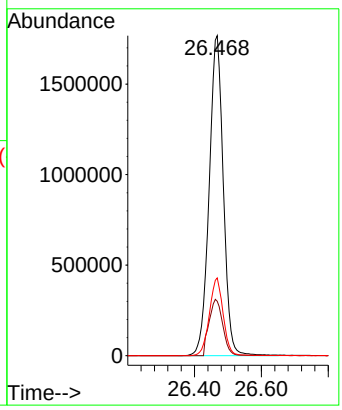




#91
Dibenzo(a,h)anthracene
Concen: 39.888 ng
RT: 26.468 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:278 Resp: 520370

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.7	20.5
279	24.3	19.3	28.9



Instrument :
BNA_M
ClientSampleId :
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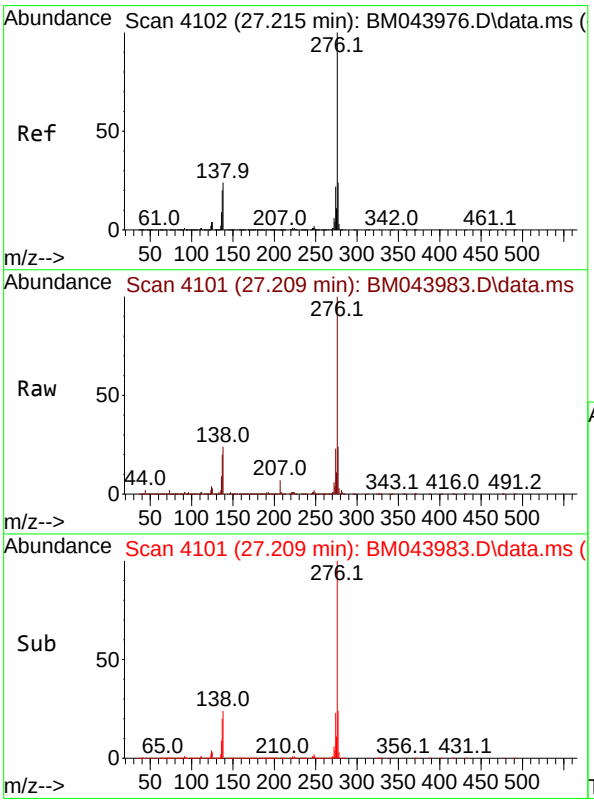
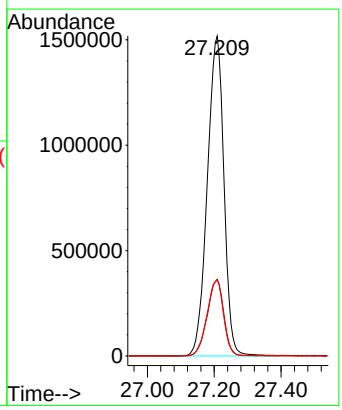


#92
Benzo(g,h,i)perylene
Concen: 39.351 ng
RT: 27.209 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM043983.D
Acq: 06 Feb 2024 09:30

Tgt Ion:276 Resp: 5236274

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	23.8	18.8	28.2