Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
Data File : BM026728.D
Acq On : 10 Jul 2020 11:31
Operator : JU/CG
Sample : L3160-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MUDDY-DRUMMS

Quant Time: Jul 10 12:02:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	78761	20.00	ng		0.00
21) Naphthalene-d8	10.07	136	286967	20.00	ng		0.00
39) Acenaphthene-d10	13.98	164	159701	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	325891	20.00	ng		0.00
76) Chrysene-d12	20.96	240	372670	20.00	ng		0.00
86) Perylene-d12	23.03	264	395274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	606428	129.05	ng		0.00
7) Phenol-d6	6.53	99	801072	107.00	ng		0.00
23) Nitrobenzene-d5	8.47	82	559757	83.22	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	267101	114.82	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	1029999	85.76	ng		0.00
79) Terphenyl-d14	19.40	244	1642655	86.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	112304	49.740	ng		98
3) Pyridine	3.33	79	283954	43.971	ng		97
4) n-Nitrosodimethylamine	3.25	42	186186	48.169	ng		98
6) Aniline	6.67	93	267089	29.065	ng		99
8) 2-Chlorophenol	6.89	128	255481	45.642	ng		99
9) Benzaldehyde	6.48	77	105862	25.477	ng		93
10) Phenol	6.56	94	339110	45.829	ng		99
11) bis(2-Chloroethyl)ether	6.78	93	256453	41.450	ng		98
12) 1,3-Dichlorobenzene	7.21	146	281069	46.195	ng		96
13) 1,4-Dichlorobenzene	7.36	146	286391	46.242	ng		98
14) 1,2-Dichlorobenzene	7.66	146	274001	44.412	ng		99
15) Benzyl Alcohol	7.58	79	248260	38.754	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.86	45	489110	38.302	ng		99
17) 2-Methylphenol	7.78	107	211860	37.674	ng		97
18) Hexachloroethane	8.37	117	115519	46.964	ng		98
19) n-Nitroso-di-n-propylamine	8.13	70	221714	35.592	ng		96
20) 3+4-Methylphenols	8.11	107	280025	36.221	ng		99
22) Acetophenone	8.15	105	381287	46.756	ng	#	97
24) Nitrobenzene	8.51	77	325149	45.949	ng		98
25) Isophorone	9.03	82	539990	41.865	ng		99
26) 2-Nitrophenol	9.21	139	129696	49.660	ng		96
27) 2,4-Dimethylphenol	9.29	122	204952	48.259	ng		99
28) bis(2-Chloroethoxy)methane	9.52	93	319215	44.798	ng		100
29) 2,4-Dichlorophenol	9.75	162	217267	46.454	ng		99
30) 1,2,4-Trichlorobenzene	9.95	180	247553	47.445	ng		99
31) Naphthalene	10.13	128	1090452	68.321	ng		99
32) Benzoic acid	9.47	122	139951	39.447	ng		94
33) 4-Chloroaniline	10.26	127	82205	11.774	ng		96
34) Hexachlorobutadiene	10.41	225	159484	46.153	ng		98
35) Caprolactam	11.05	113	31445	18.980	ng		97
36) 4-Chloro-3-methylphenol	11.40	107	245707	41.567	ng		98
37) 2-Methylnaphthalene	11.75	142	524226	44.339	ng		99
38) 1-Methylnaphthalene	11.97	142	490038	43.261	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	268681	52.043	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
Data File : BM026728.D
Acq On : 10 Jul 2020 11:31
Operator : JU/CG
Sample : L3160-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MUDDY-DRUMMS

Quant Time: Jul 10 12:02:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	325292	109.739 ng	99
43) 2,4,6-Trichlorophenol	12.39	196	169171	50.023 ng	99
44) 2,4,5-Trichlorophenol	12.47	196	181839	45.757 ng	99
46) 1,1'-Biphenyl	12.80	154	623435	49.421 ng	99
47) 2-Chloronaphthalene	12.83	162	490104	48.094 ng	99
48) 2-Nitroaniline	13.06	65	189341	45.148 ng	99
49) Acenaphthylene	13.70	152	756793	46.455 ng	99
50) Dimethylphthalate	13.46	163	725985	53.147 ng	99
51) 2,6-Dinitrotoluene	13.58	165	127650	43.640 ng	100
52) Acenaphthene	14.05	154	452622	45.716 ng	99
53) 3-Nitroaniline	13.91	138	70733	23.244 ng	99
54) 2,4-Dinitrophenol	14.13	184	154346	76.454 ng	97
55) Dibenzofuran	14.39	168	721355	44.436 ng	99
56) 4-Nitrophenol	14.25	139	214659	80.875 ng	100
57) 2,4-Dinitrotoluene	14.38	165	181288	42.942 ng	99
58) Fluorene	15.05	166	585693	43.576 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.63	232	158048	45.540 ng	99
60) Diethylphthalate	14.85	149	594560	41.163 ng	99
61) 4-Chlorophenyl-phenylether	15.05	204	301703	41.431 ng	99
62) 4-Nitroaniline	15.09	138	117186	33.941 ng	99
63) Azobenzene	15.35	77	689454	43.458 ng	98
65) 4,6-Dinitro-2-methylphenol	15.16	198	104208	44.012 ng	97
66) n-Nitrosodiphenylamine	15.27	169	495595	47.855 ng	99
67) 4-Bromophenyl-phenylether	15.95	248	178420	43.985 ng	95
68) Hexachlorobenzene	16.06	284	198414	46.475 ng	95
69) Atrazine	16.25	200	162850	52.292 ng	97
70) Pentachlorophenol	16.40	266	244851	101.379 ng	99
71) Phenanthrene	16.79	178	880457	45.764 ng	99
72) Anthracene	16.87	178	906451	47.328 ng	100
73) Carbazole	17.16	167	803950	44.029 ng	99
74) Di-n-butylphthalate	17.74	149	1036300	45.136 ng	99
75) Fluoranthene	18.82	202	1071087	45.201 ng	100
77) Benzidine	19.02	184	434400	59.125 ng	99
78) Pyrene	19.18	202	1087176	46.310 ng	100
80) Butylbenzylphthalate	20.12	149	482571	45.806 ng	97
81) Benzo(a)anthracene	20.94	228	1147446	45.837 ng	99
82) 3,3'-Dichlorobenzidine	20.89	252	255357	32.140 ng	99
83) Chrysene	21.00	228	1112897	45.676 ng	99
84) Bis(2-ethylhexyl)phthalate	20.91	149	754373	44.698 ng	100
85) Di-n-octyl phthalate	21.76	149	1336374	46.326 ng	99
87) Indeno(1,2,3-cd)pyrene	25.04	276	1504464	53.464 ng	100
88) Benzo(b)fluoranthene	22.43	252	1228165	47.157 ng	100
89) Benzo(k)fluoranthene	22.47	252	1259077	49.285 ng	99
90) Benzo(a)pyrene	22.94	252	1146696	47.427 ng	99
91) Dibenzo(a,h)anthracene	25.04	278	1273387	53.605 ng	99
92) Benzo(g,h,i)perylene	25.64	276	1212527	55.398 ng	99

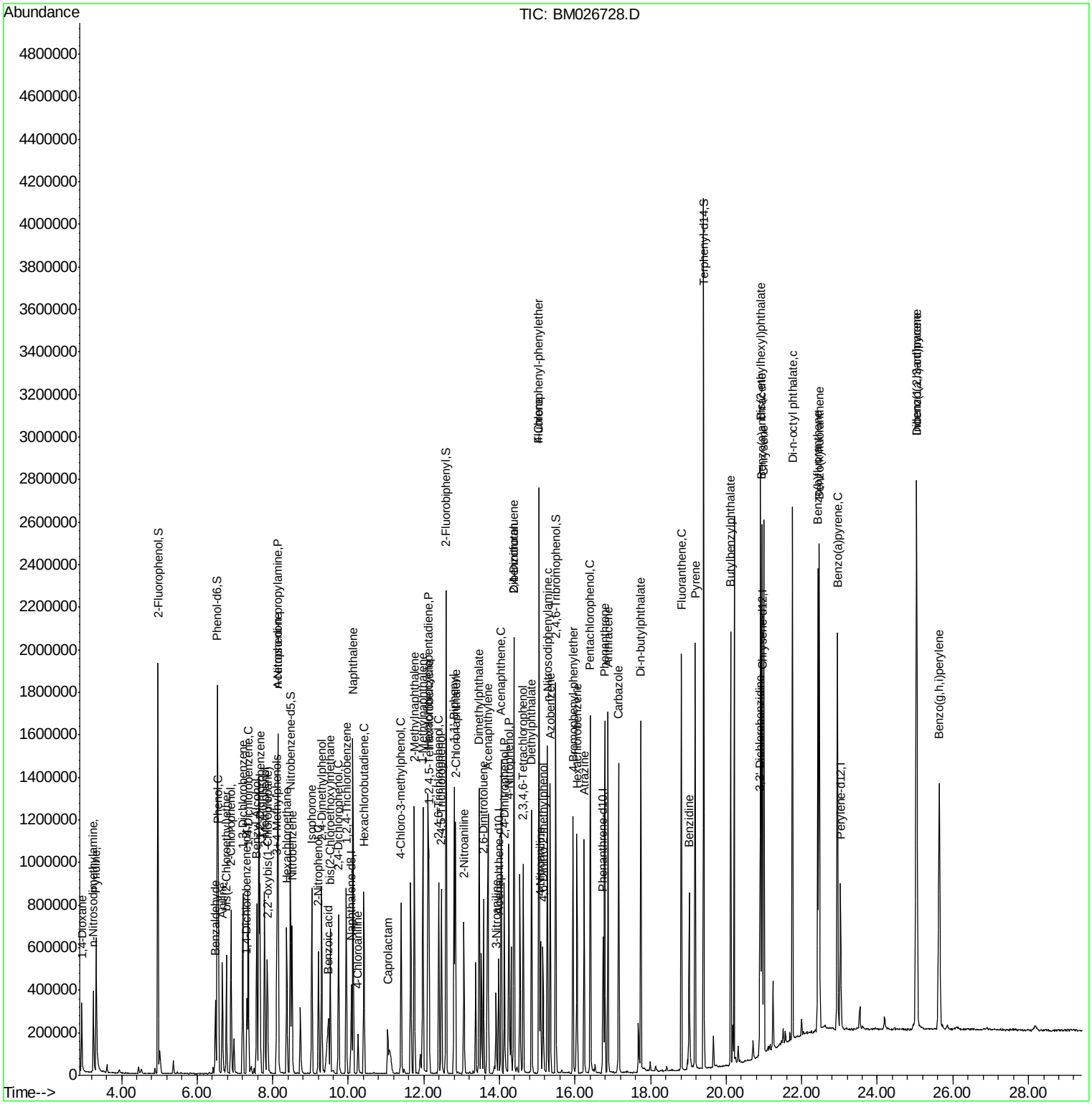
(#) = qualifier out of range (m) = manual integration (+) = signals summed

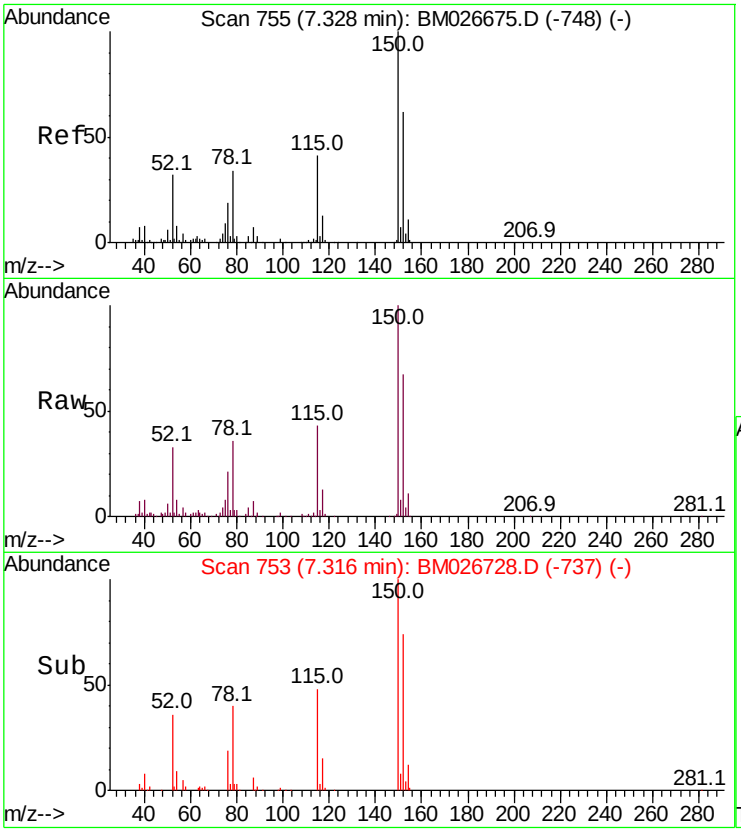
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
Data File : BM026728.D
Acq On : 10 Jul 2020 11:31
Operator : JU/CG
Sample : L3160-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Quant Time: Jul 10 12:02:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration



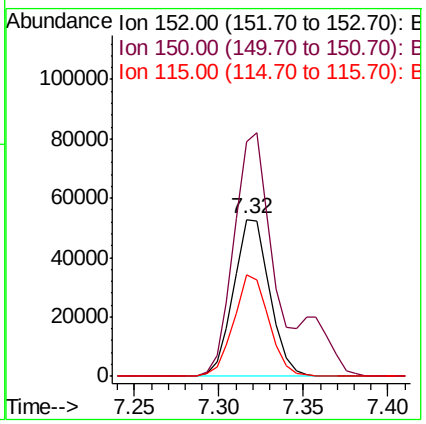


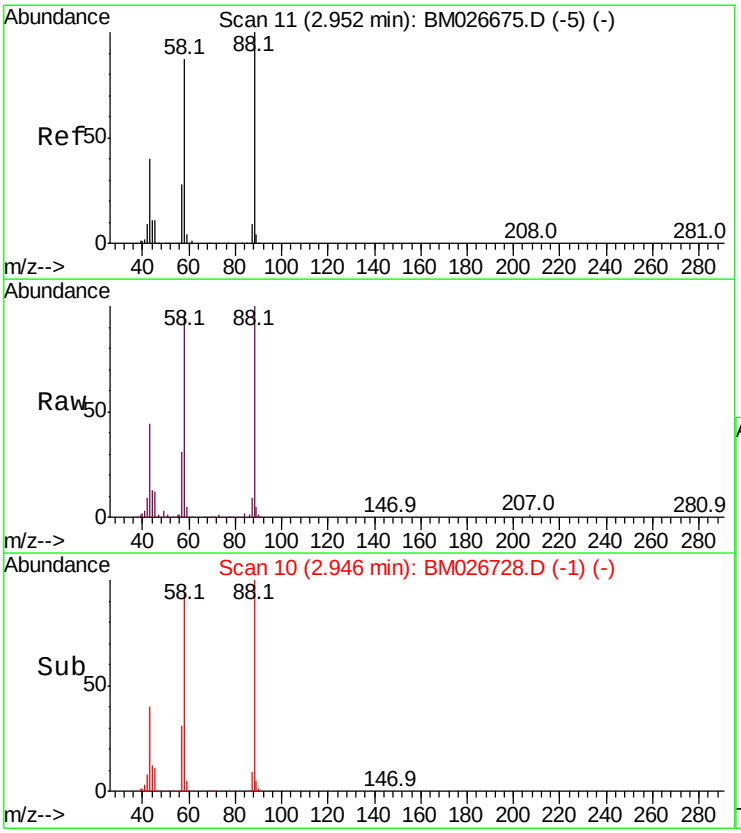
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 753
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:152 Resp: 78761

Ion	Ratio	Lower	Upper
152	100		
150	149.0	128.1	192.1
115	64.3	52.2	78.4

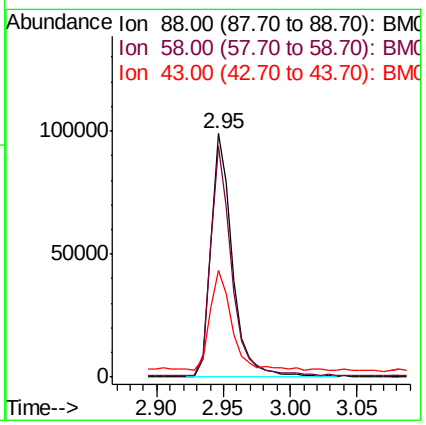


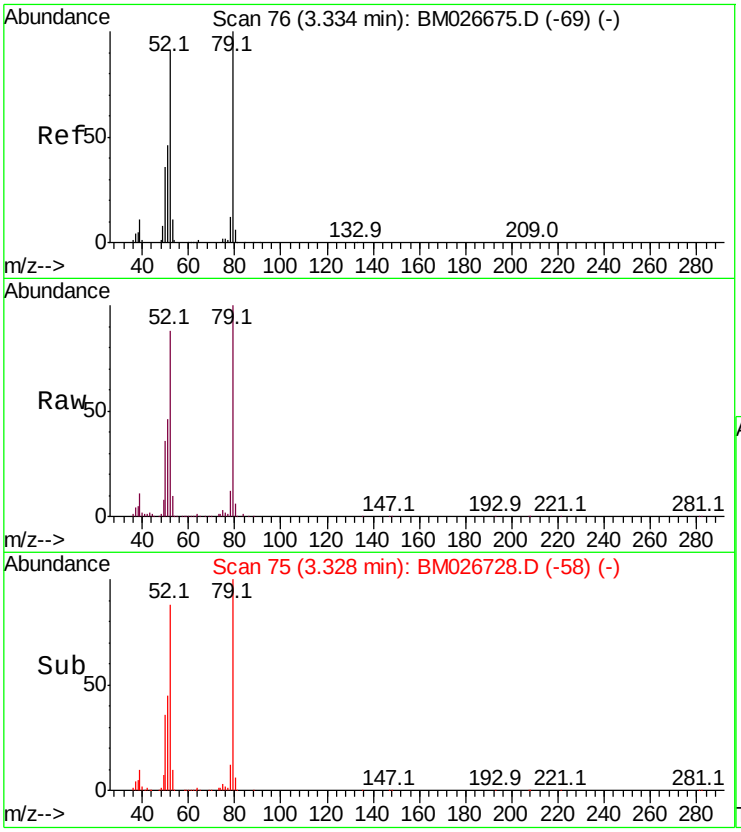


#2
1,4-Dioxane
Concen: 49.740 ng
RT: 2.95 min Scan# 10
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion: 88 Resp: 112304

Ion	Ratio	Lower	Upper
88	100		
58	93.4	73.2	109.8
43	42.6	34.3	51.5



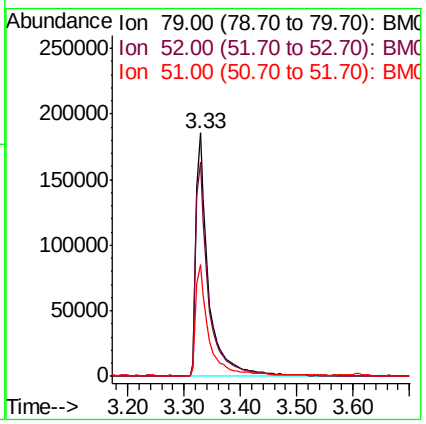


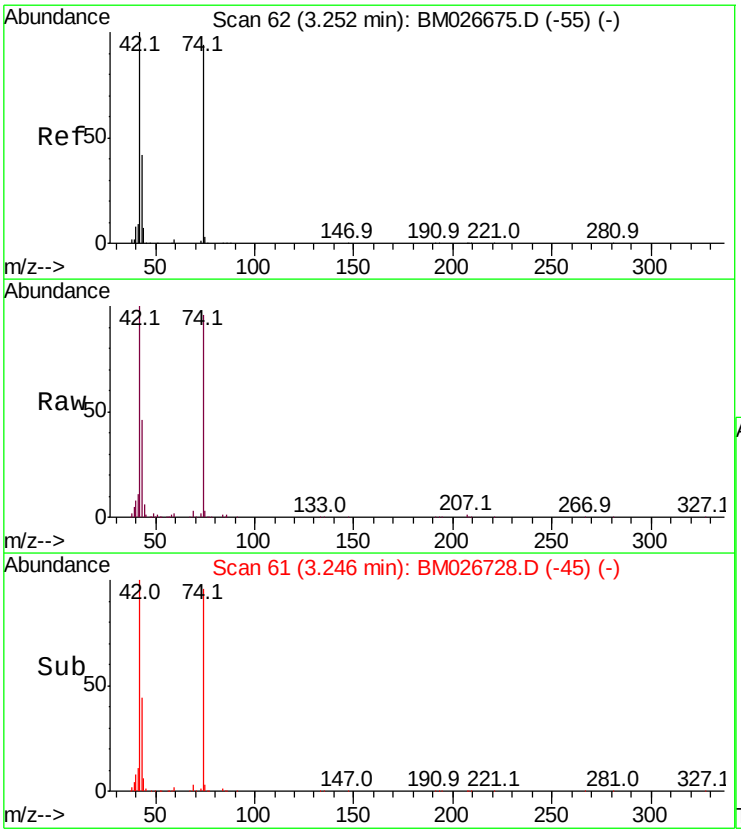
#3
Pyridine
Concen: 43.971 ng
RT: 3.33 min Scan# 75
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion: 79 Resp: 283954

Ion	Ratio	Lower	Upper
79	100		
52	88.1	72.9	109.3
51	45.8	37.6	56.4

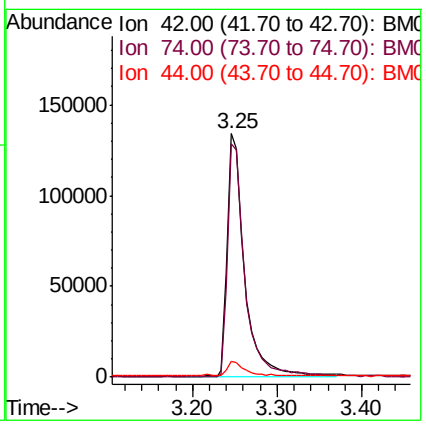


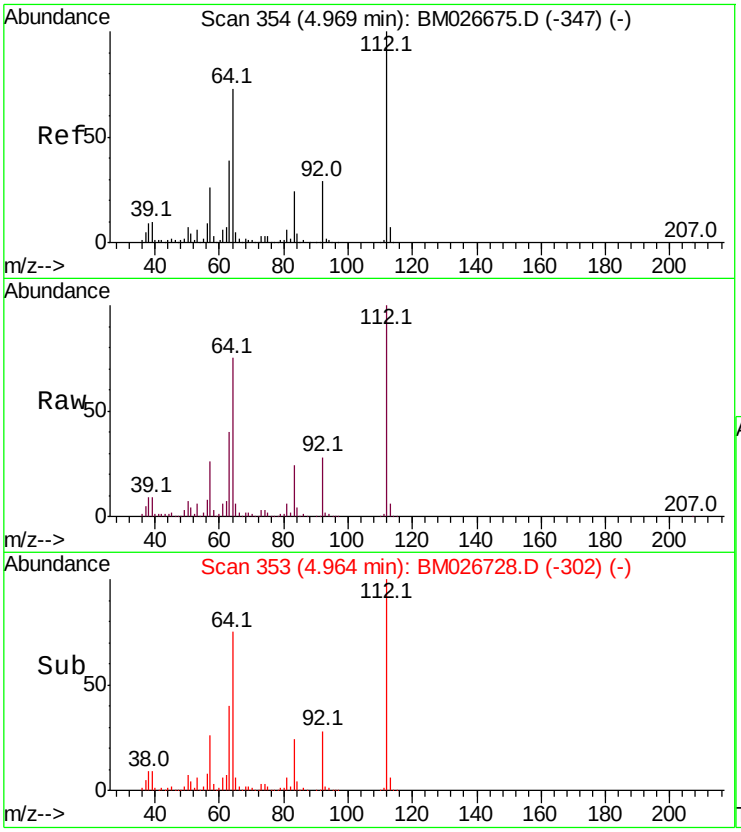


#4
n-Nitrosodimethylamine
Concen: 48.169 ng
RT: 3.25 min Scan# 61
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion: 42 Resp: 186186

Ion	Ratio	Lower	Upper
42	100		
74	96.1	75.1	112.7
44	6.3	5.7	8.5



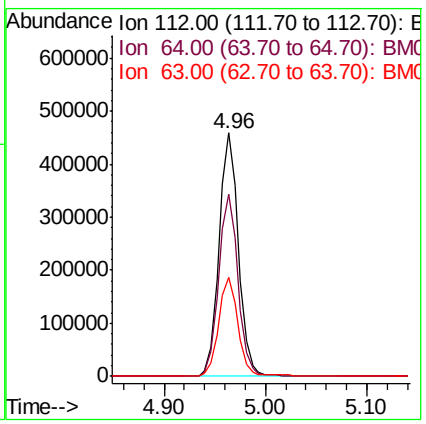


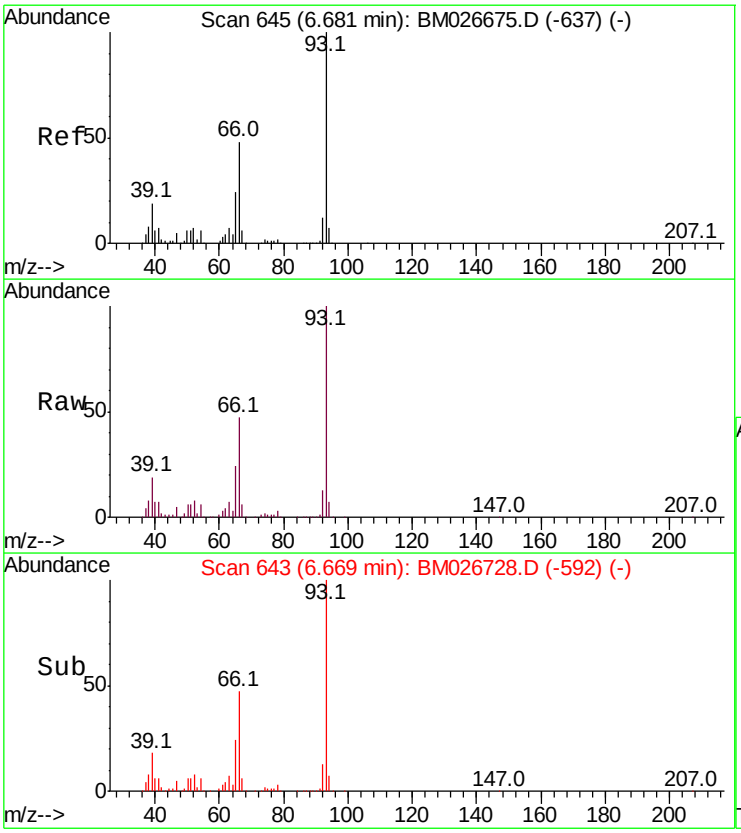
#5
2-Fluorophenol
Concen: 129.052 ng
RT: 4.96 min Scan# 353
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument : BNA_M
ClientSampleId : MUDDY-DRUMMS

Tgt Ion:112 Resp: 606428

Ion	Ratio	Lower	Upper
112	100		
64	74.8	58.4	87.6
63	40.5	31.5	47.3

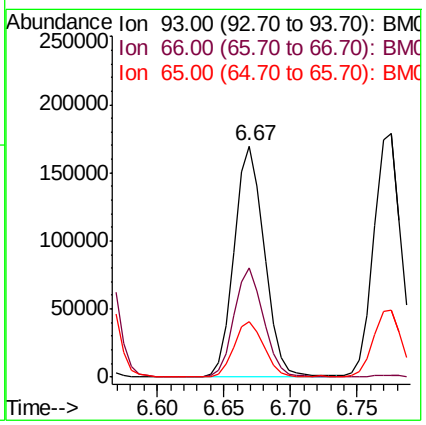


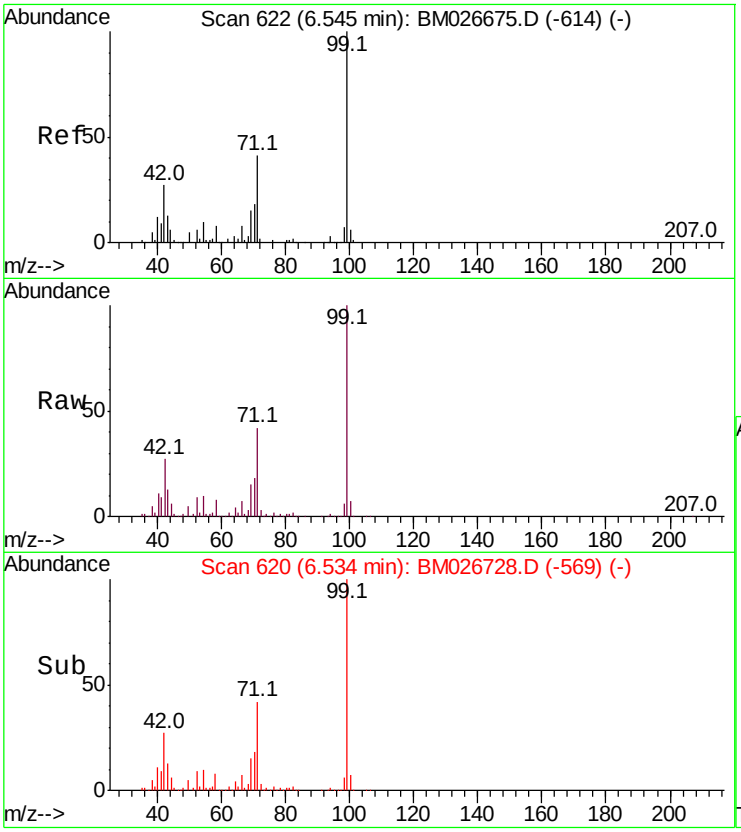


#6
Aniline
Concen: 29.065 ng
RT: 6.67 min Scan# 643
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion: 93 Resp: 267089

Ion	Ratio	Lower	Upper
93	100		
66	47.2	38.2	57.4
65	23.9	19.6	29.4



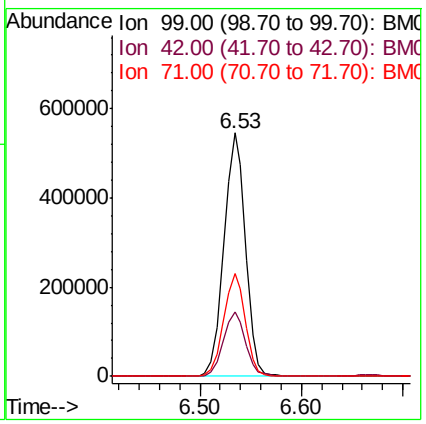


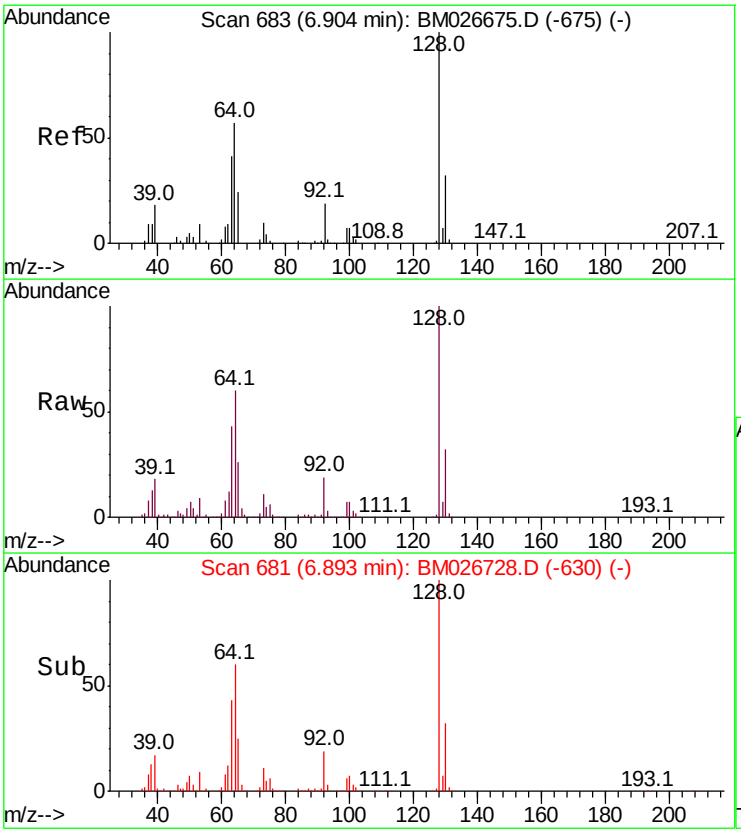
#7
Phenol-d6
Concen: 106.997 ng
RT: 6.53 min Scan# 620
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion: 99 Resp: 801072

Ion	Ratio	Lower	Upper
99	100		
42	26.6	21.7	32.5
71	42.3	33.2	49.8

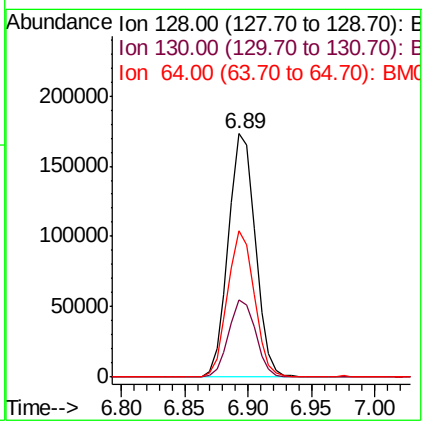


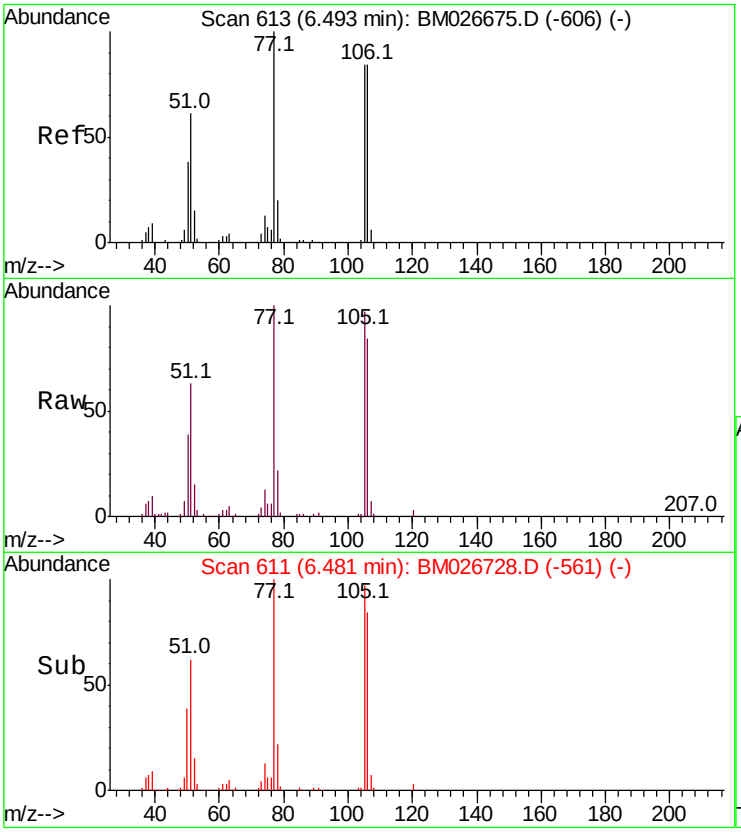


#8
2-Chlorophenol
Concen: 45.642 ng
RT: 6.89 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:128 Resp: 255481

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.2	52.2
64	60.3	41.4	81.4



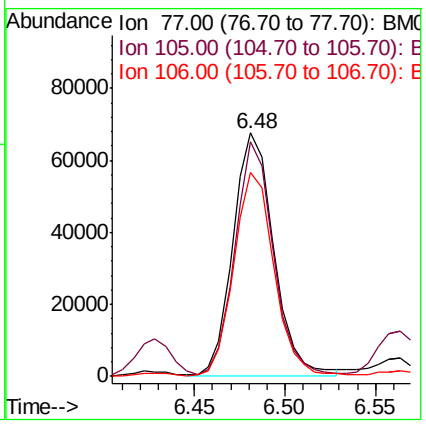


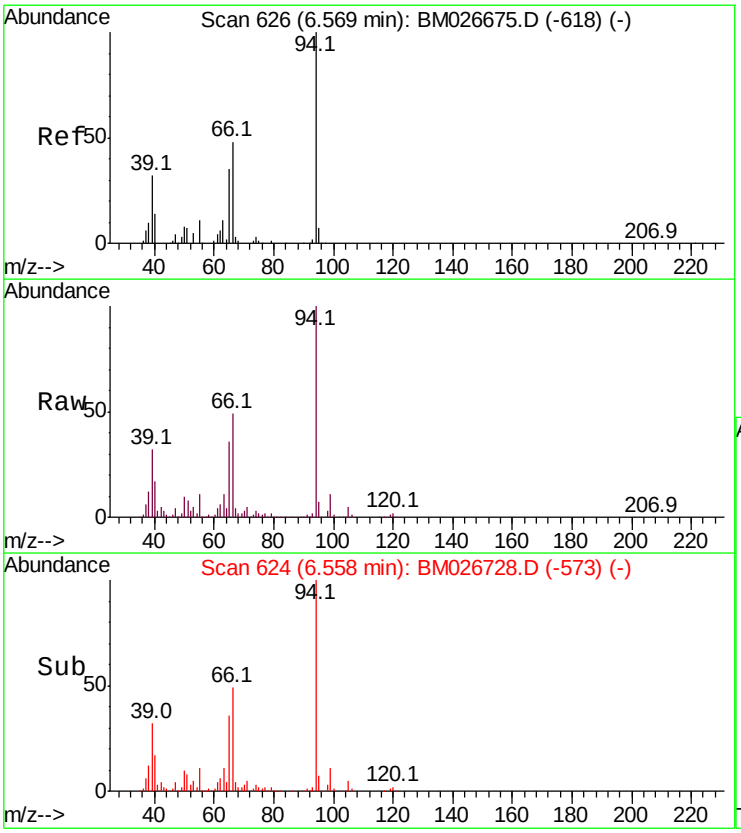
#9
Benzaldehyde
Concen: 25.477 ng
RT: 6.48 min Scan# 611
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion: 77 Resp: 105862

Ion	Ratio	Lower	Upper
77	100		
105	96.5	64.4	104.4
106	84.0	64.3	104.3

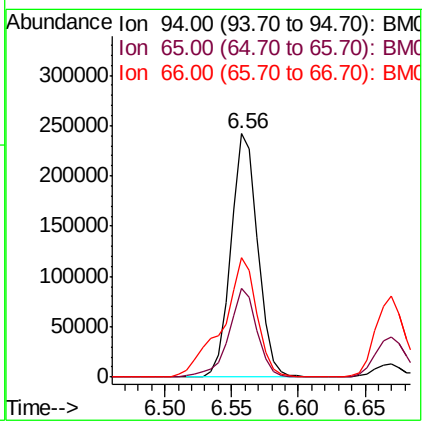


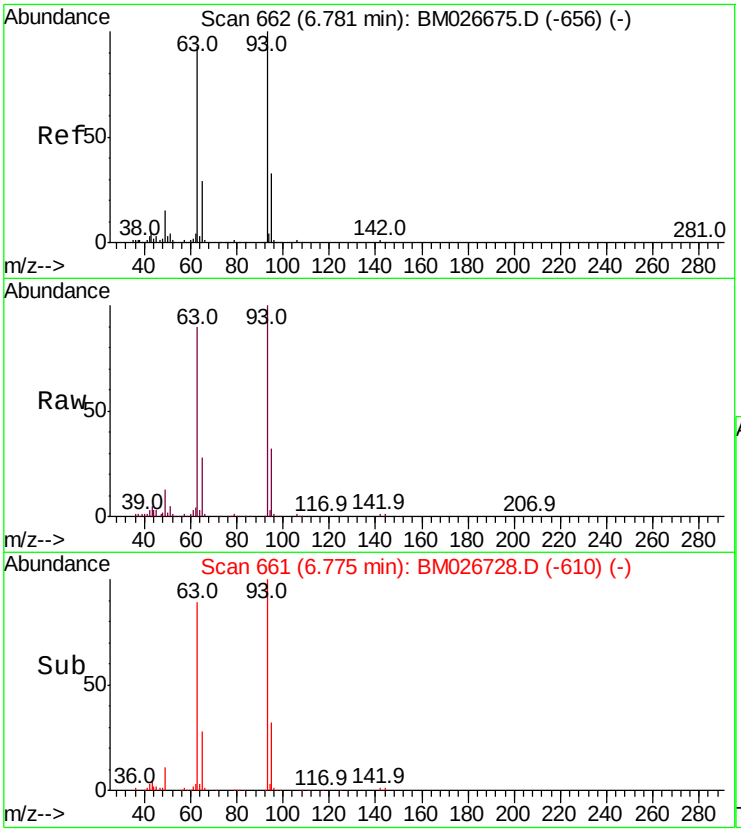


#10
Phenol
Concen: 45.829 ng
RT: 6.56 min Scan# 624
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion: 94 Resp: 339110

Ion	Ratio	Lower	Upper
94	100		
65	36.2	15.5	55.5
66	49.3	29.8	69.8



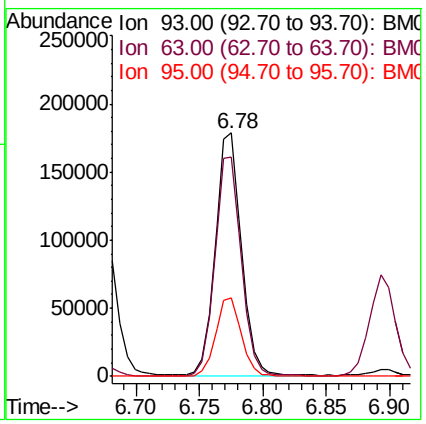


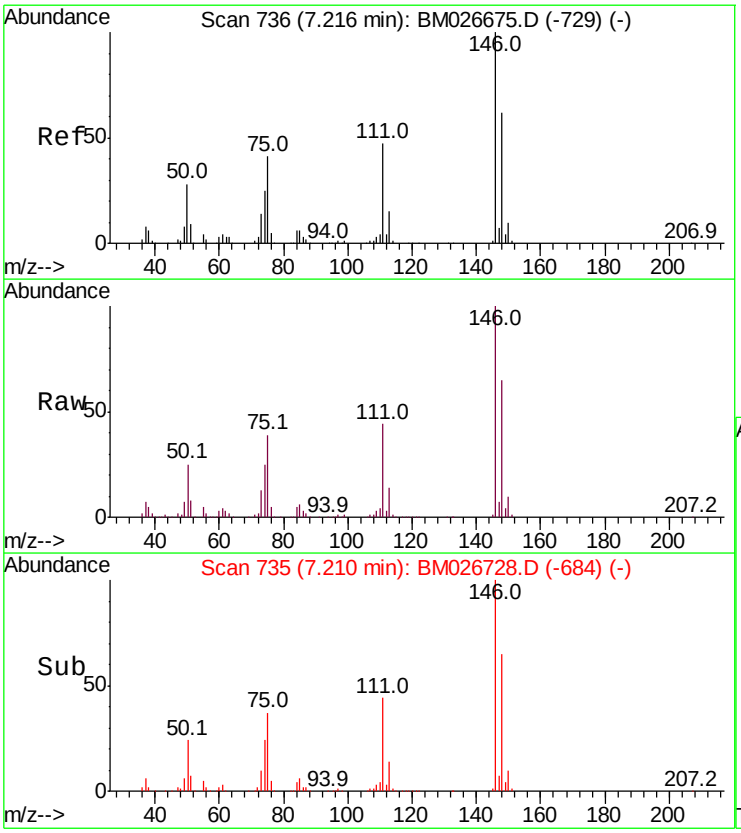
#11
bis(2-Chloroethyl)ether
Concen: 41.450 ng
RT: 6.78 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion: 93 Resp: 256453

Ion	Ratio	Lower	Upper
93	100		
63	90.2	72.6	112.6
95	32.4	12.3	52.3

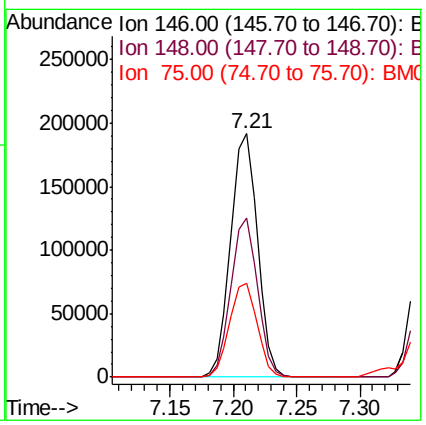


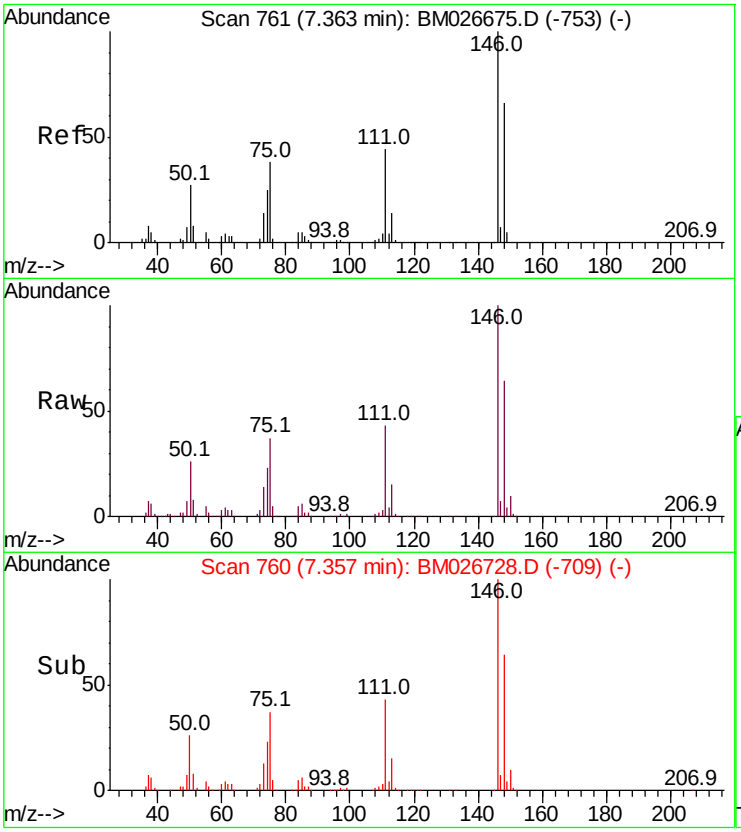


#12
1,3-Dichlorobenzene
Concen: 46.195 ng
RT: 7.21 min Scan# 735
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:146 Resp: 281069

Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.7	74.5
75	38.7	32.7	49.1



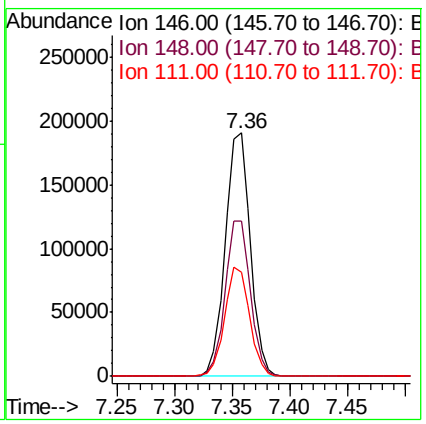


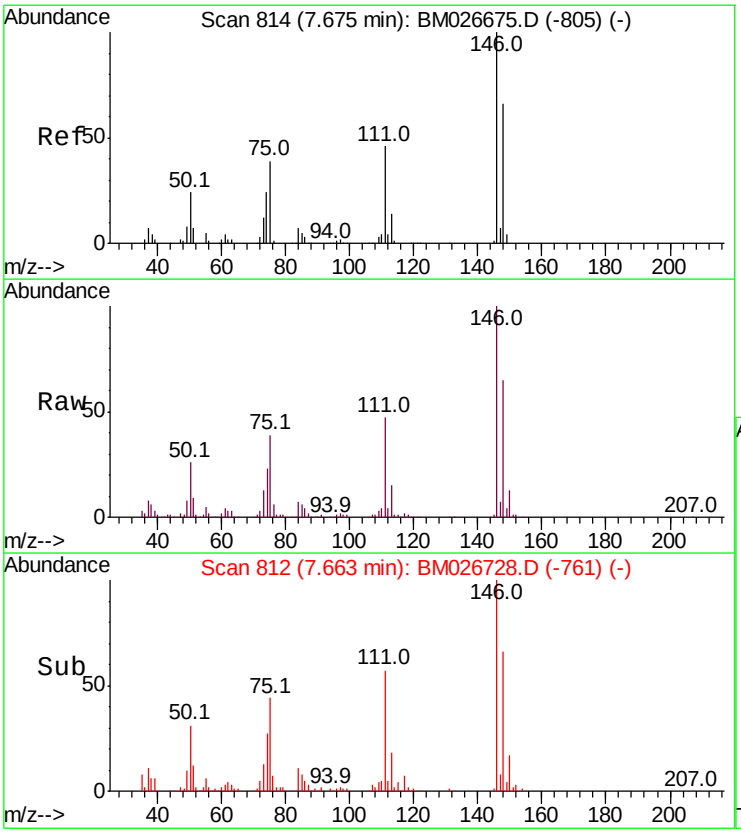
#13
1,4-Dichlorobenzene
Concen: 46.242 ng
RT: 7.36 min Scan# 760
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:146 Resp: 286391

Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.4	78.6
111	42.8	35.6	53.4

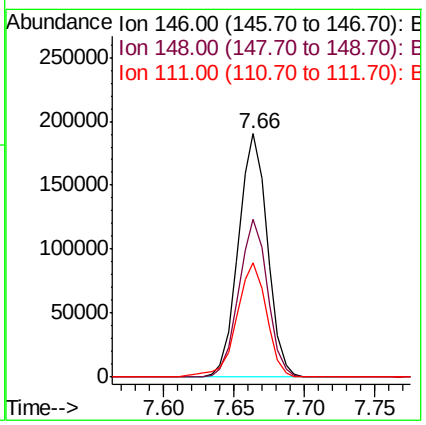


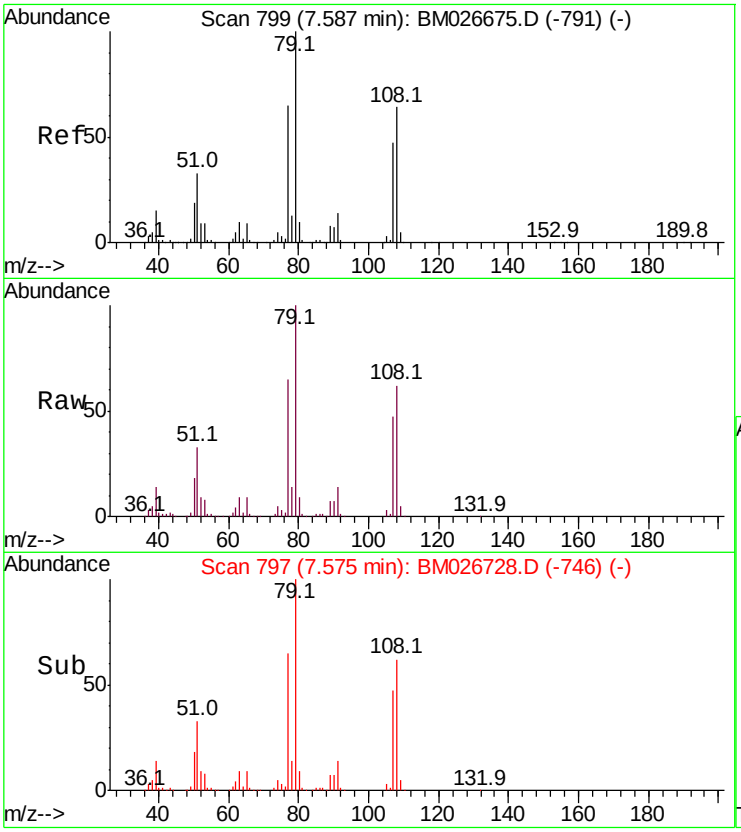


#14
1,2-Dichlorobenzene
Concen: 44.412 ng
RT: 7.66 min Scan# 812
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:146 Resp: 274001

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.6	78.8
111	46.9	37.2	55.8



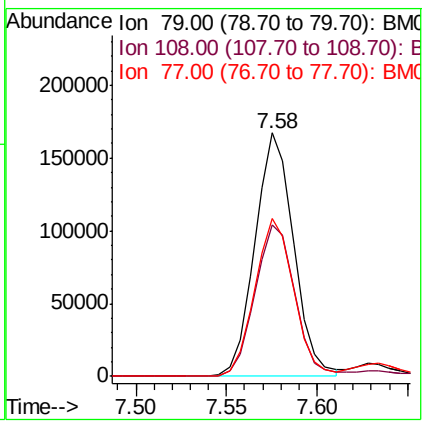


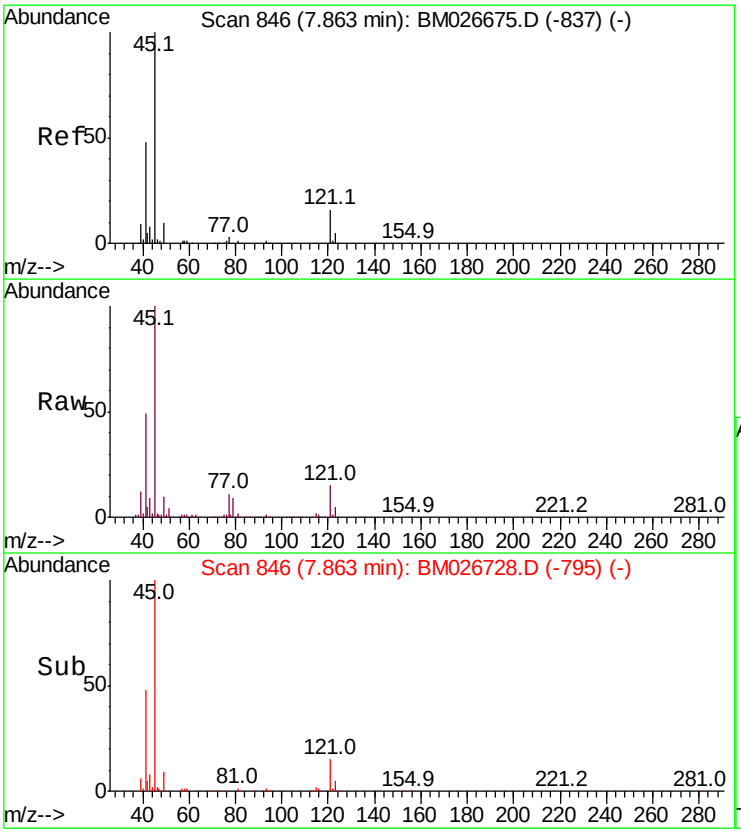
#15
Benzyl Alcohol
Concen: 38.754 ng
RT: 7.58 min Scan# 797
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion: 79 Resp: 248260

Ion	Ratio	Lower	Upper
79	100		
108	62.0	51.0	76.4
77	64.8	52.1	78.1

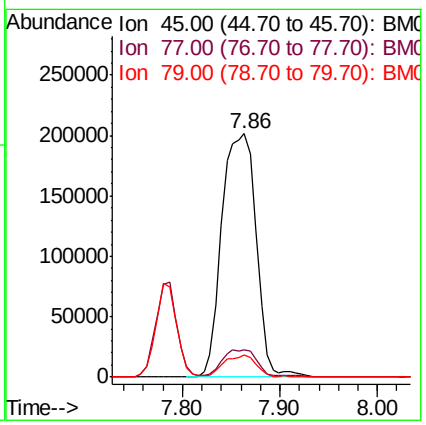


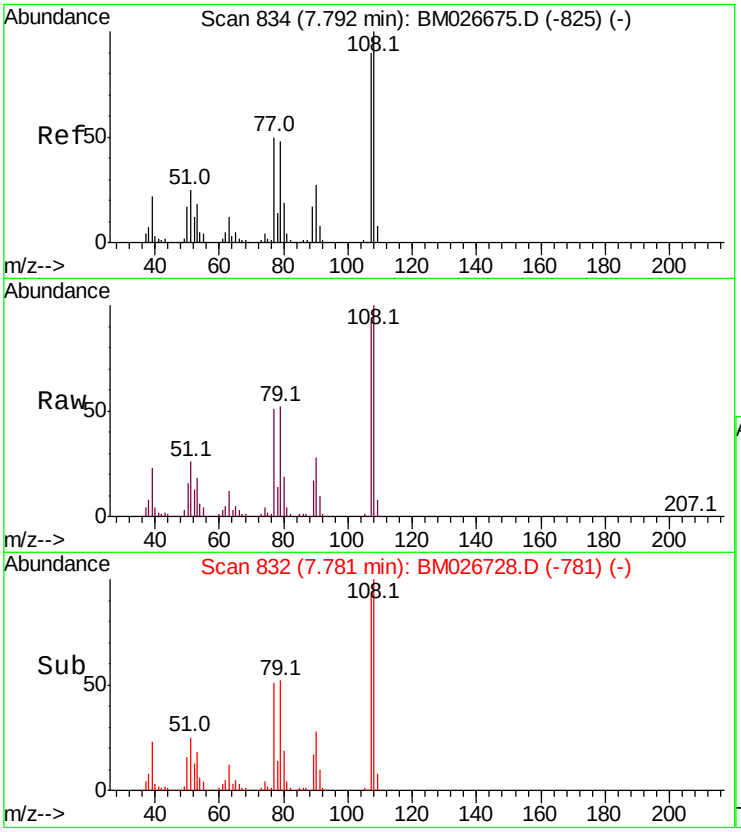


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.302 ng
RT: 7.86 min Scan# 846
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion: 45 Resp: 489110

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	31.4
79	8.9	0.0	28.4



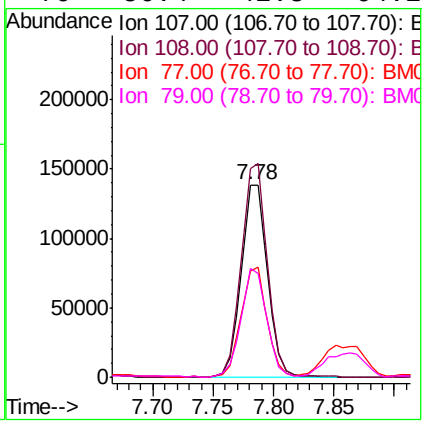


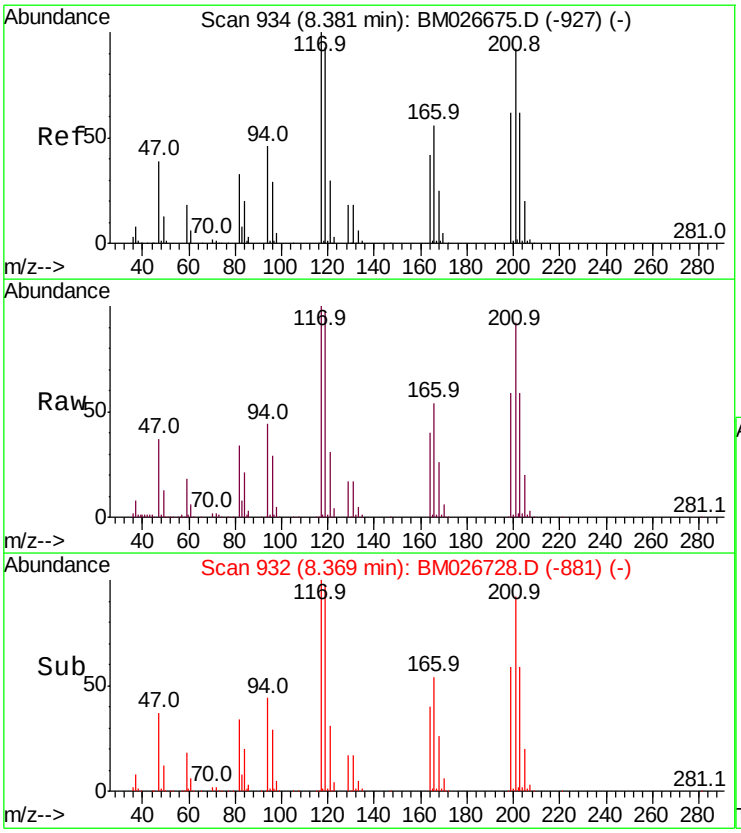
#17
2-Methylphenol
Concen: 37.674 ng
RT: 7.78 min Scan# 832
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:107 Resp: 211860

Ion	Ratio	Lower	Upper
107	100		
108	108.7	89.4	134.0
77	55.2	45.2	67.8
79	56.4	42.8	64.2

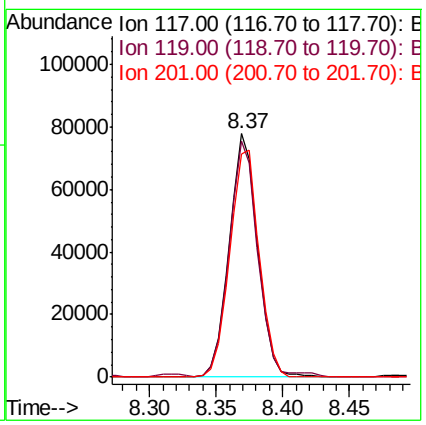


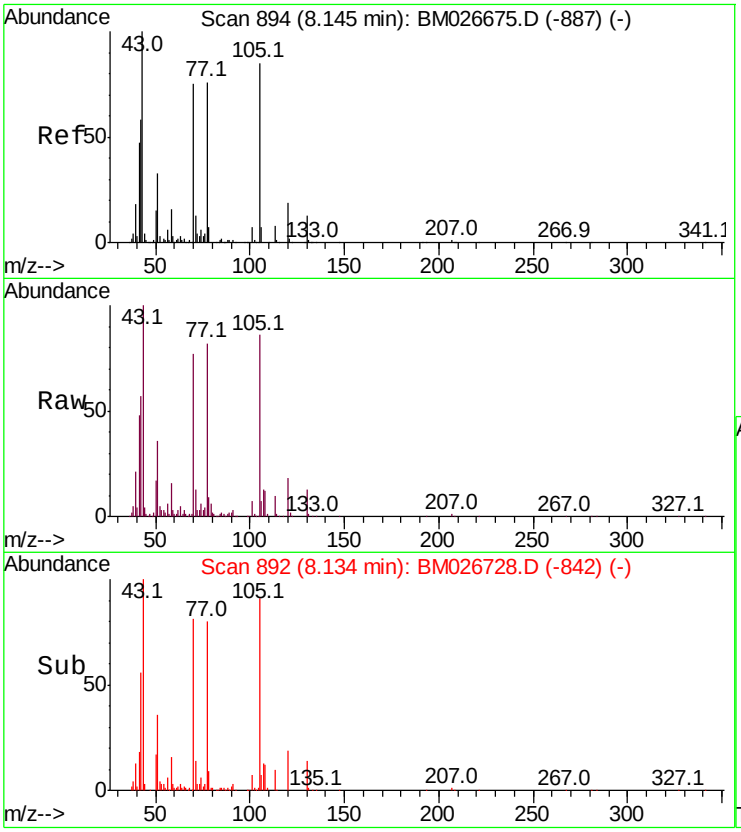


#18
Hexachloroethane
Concen: 46.964 ng
RT: 8.37 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:117 Resp: 115519

Ion	Ratio	Lower	Upper
117	100		
119	97.0	74.2	111.2
201	91.8	73.6	110.4



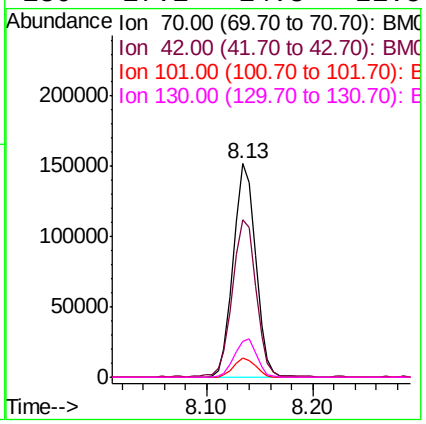


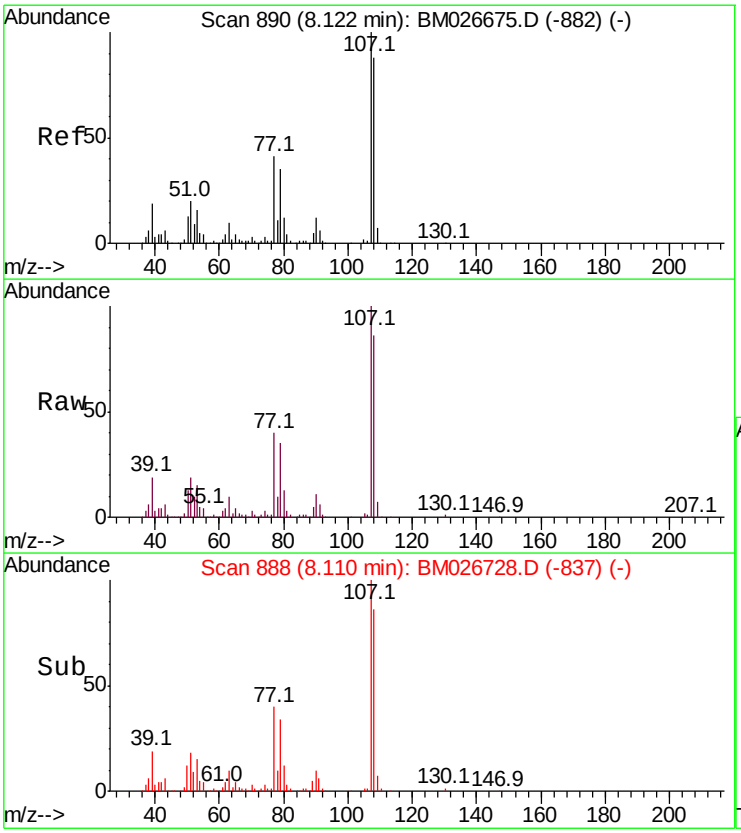
#19
n-Nitroso-di-n-propylamine
Concen: 35.592 ng
RT: 8.13 min Scan# 892
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion: 70 Resp: 221714

Ion	Ratio	Lower	Upper
70	100		
42	74.0	62.3	93.5
101	9.0	7.1	10.7
130	17.1	14.3	21.5

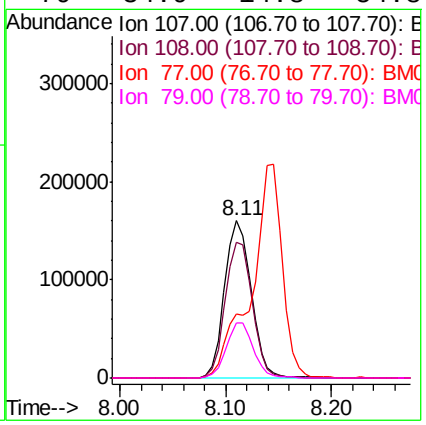


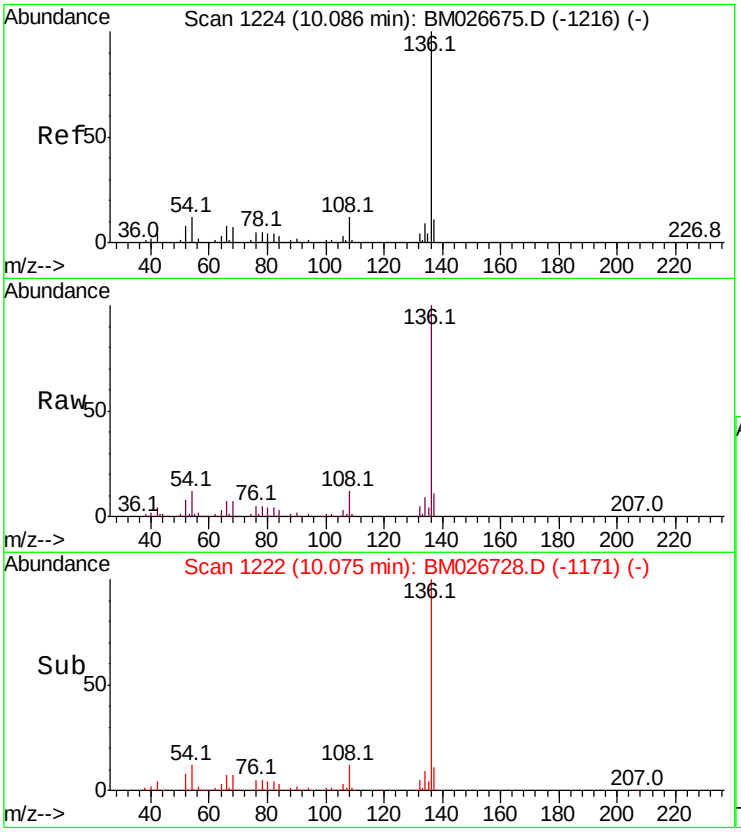


#20
3+4-Methylphenols
Concen: 36.221 ng
RT: 8.11 min Scan# 888
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:107 Resp: 280025

Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.5	108.5
77	40.4	20.8	60.8
79	34.9	14.8	54.8



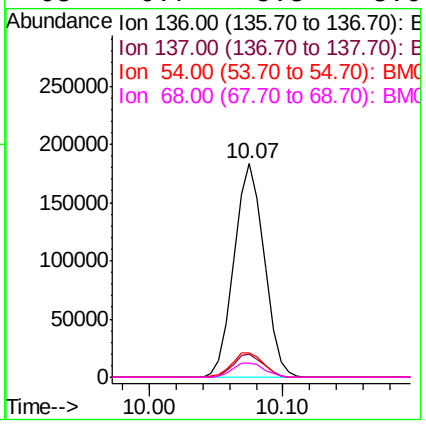


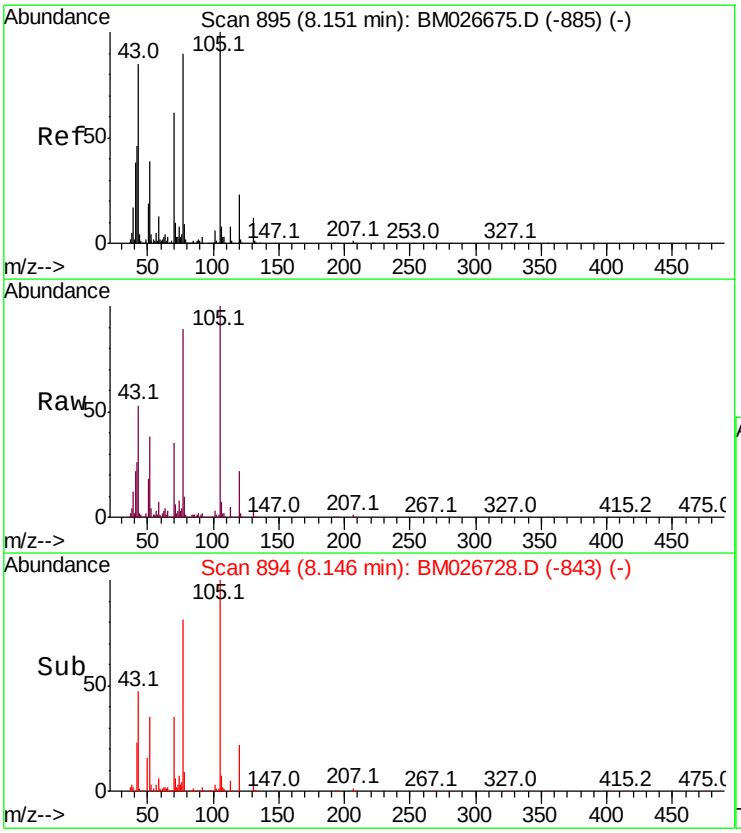
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:136 Resp: 286967

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	11.6	9.8	14.6
68	6.7	5.8	8.6

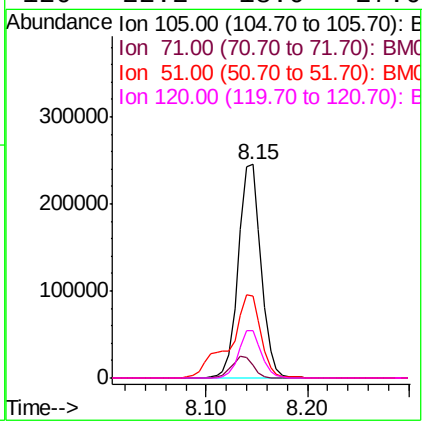


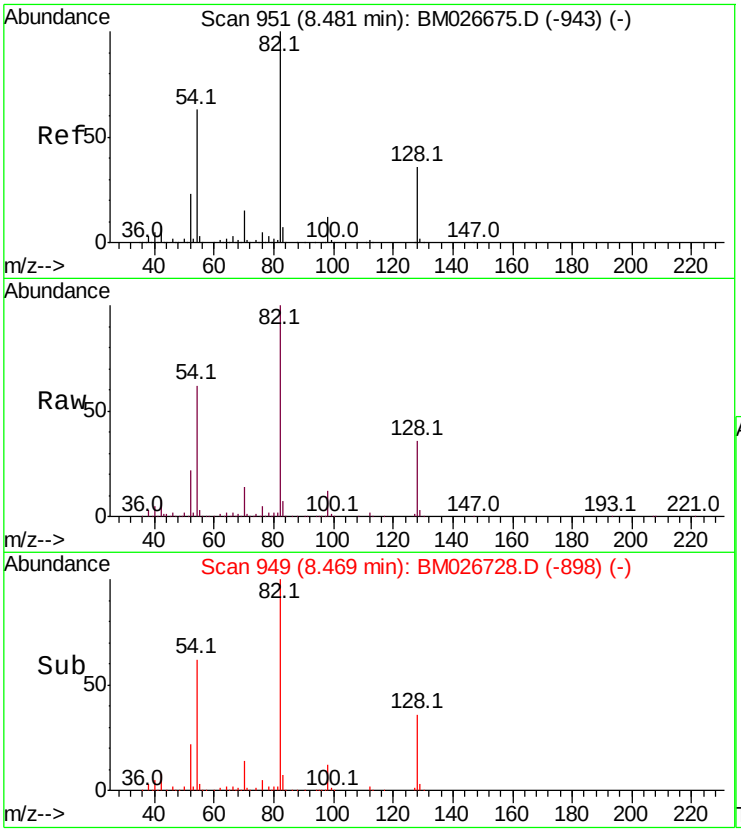


#22
Acetophenone
Concen: 46.756 ng
RT: 8.15 min Scan# 894
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:105 Resp: 381287

Ion	Ratio	Lower	Upper
105	100		
71	6.0	8.1	12.1#
51	38.3	31.9	47.9
120	22.2	18.0	27.0



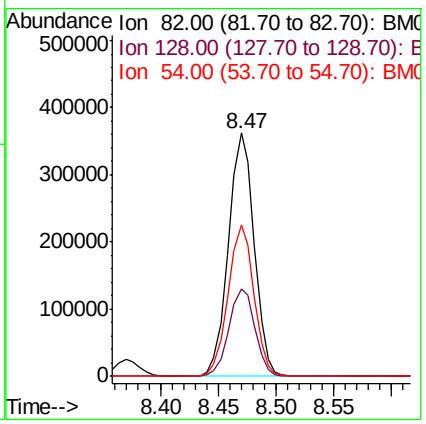


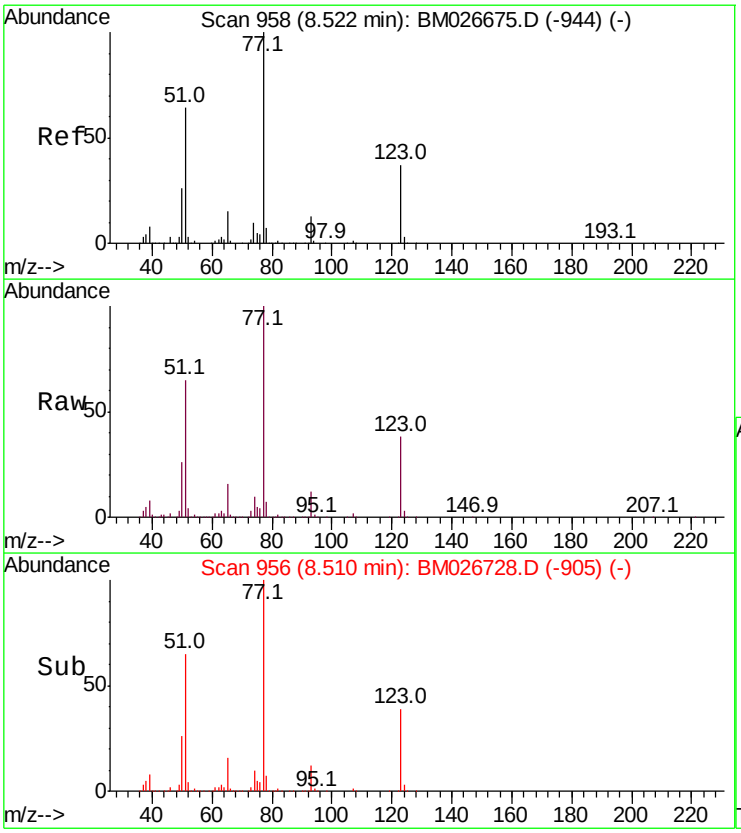
#23
Nitrobenzene-d5
Concen: 83.219 ng
RT: 8.47 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion: 82 Resp: 559757

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.1	43.7
54	62.4	50.2	75.4

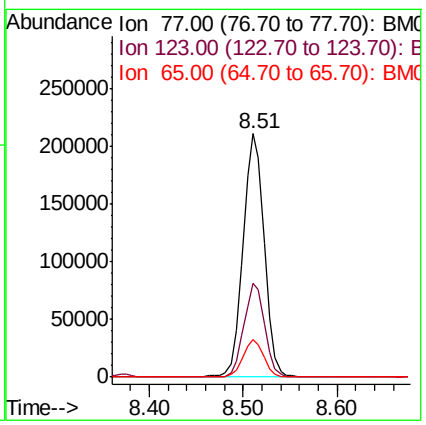


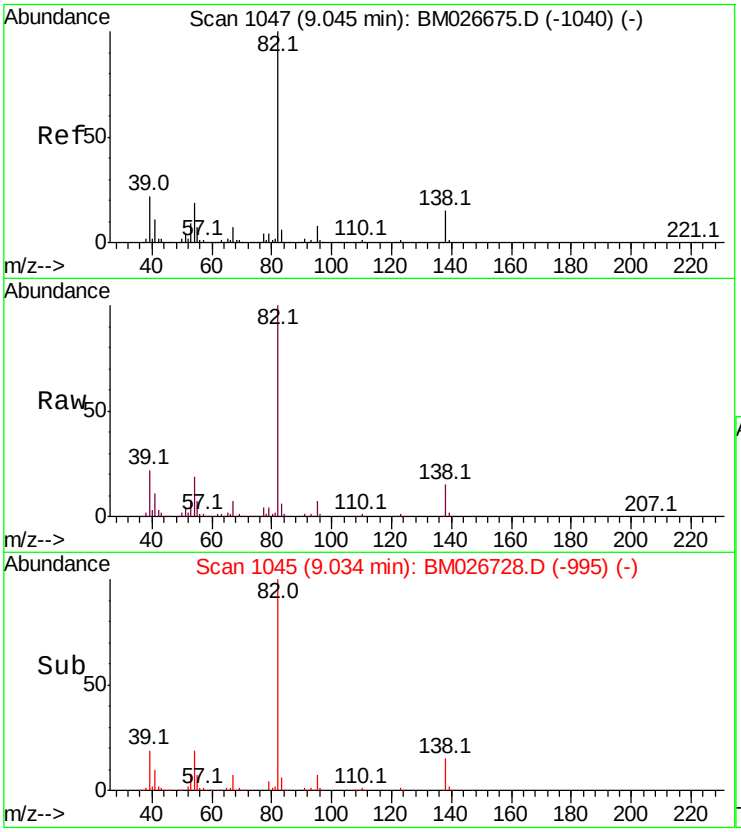


#24
Nitrobenzene
Concen: 45.949 ng
RT: 8.51 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion: 77 Resp: 325149

Ion	Ratio	Lower	Upper
77	100		
123	38.5	29.8	44.6
65	15.5	12.2	18.4

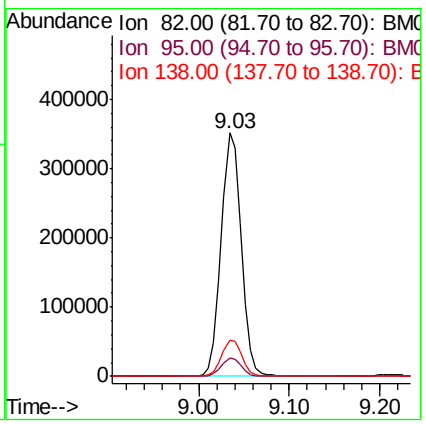




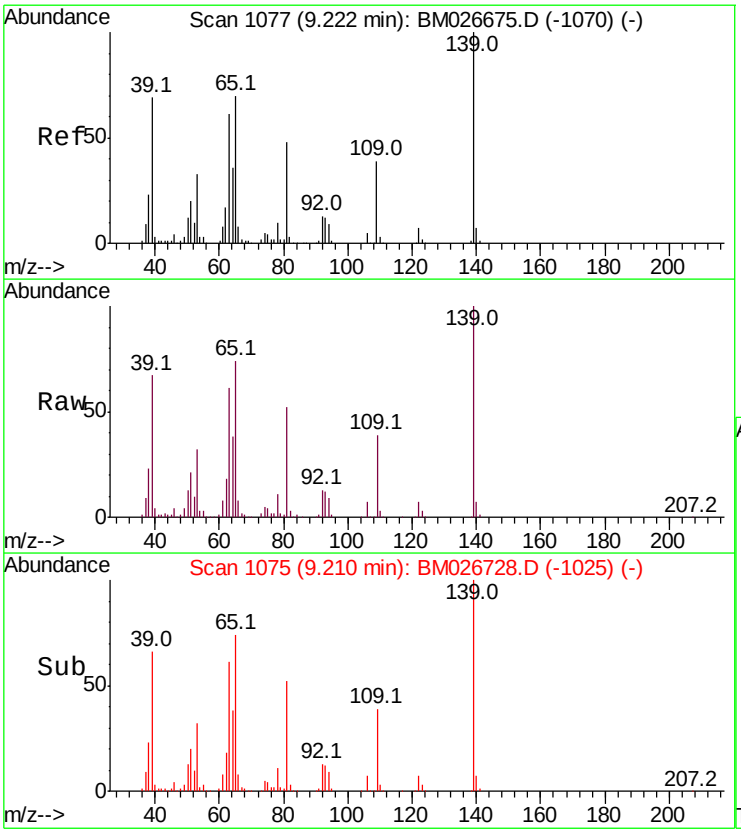
#25
Isophorone
Concen: 41.865 ng
RT: 9.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion: 82 Resp: 539990

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.3	9.5
138	14.9	12.0	18.0



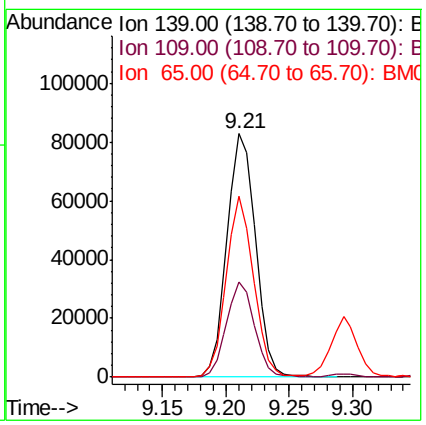
Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

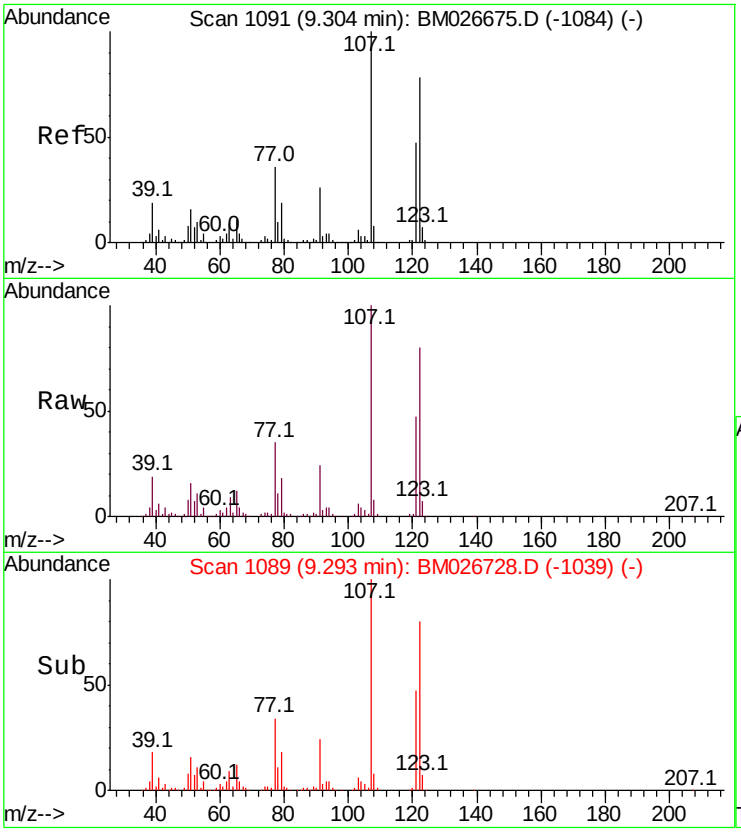


#26
2-Nitrophenol
Concen: 49.660 ng
RT: 9.21 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:139 Resp: 129696

Ion	Ratio	Lower	Upper
139	100		
109	39.0	30.8	46.2
65	74.5	56.2	84.4



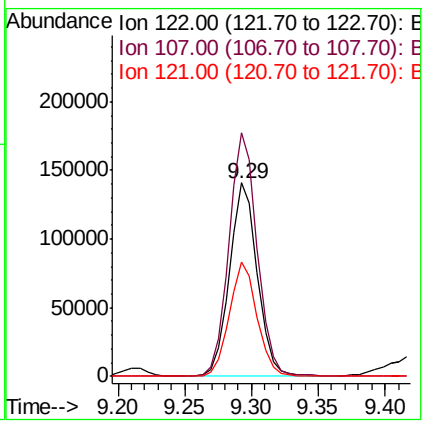


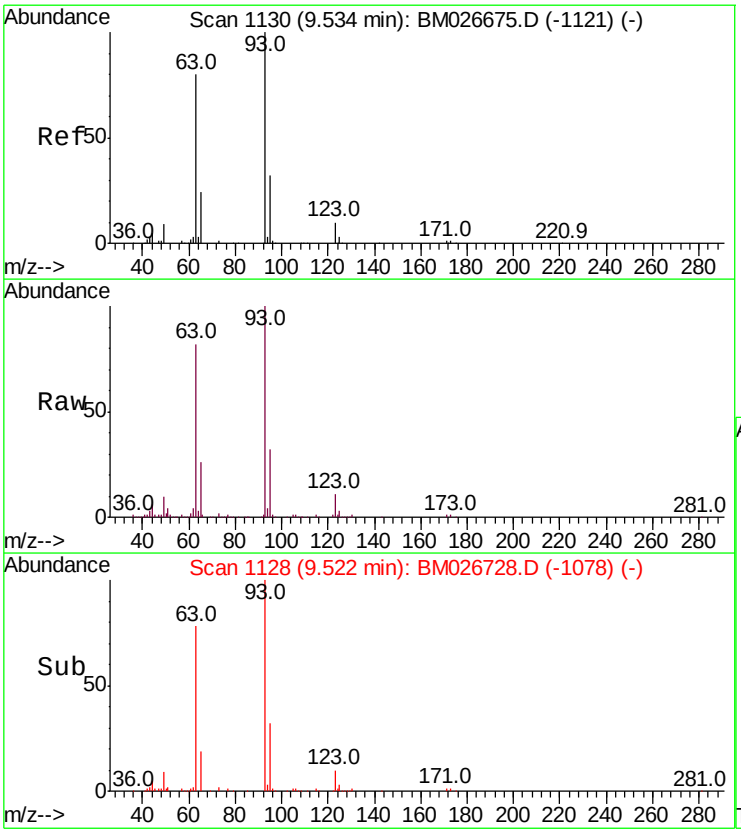
#27
2,4-Dimethylphenol
Concen: 48.259 ng
RT: 9.29 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:122 Resp: 204952

Ion	Ratio	Lower	Upper
122	100		
107	125.8	102.1	153.1
121	59.3	48.2	72.2

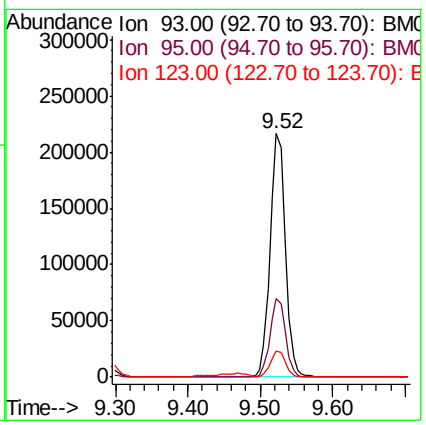


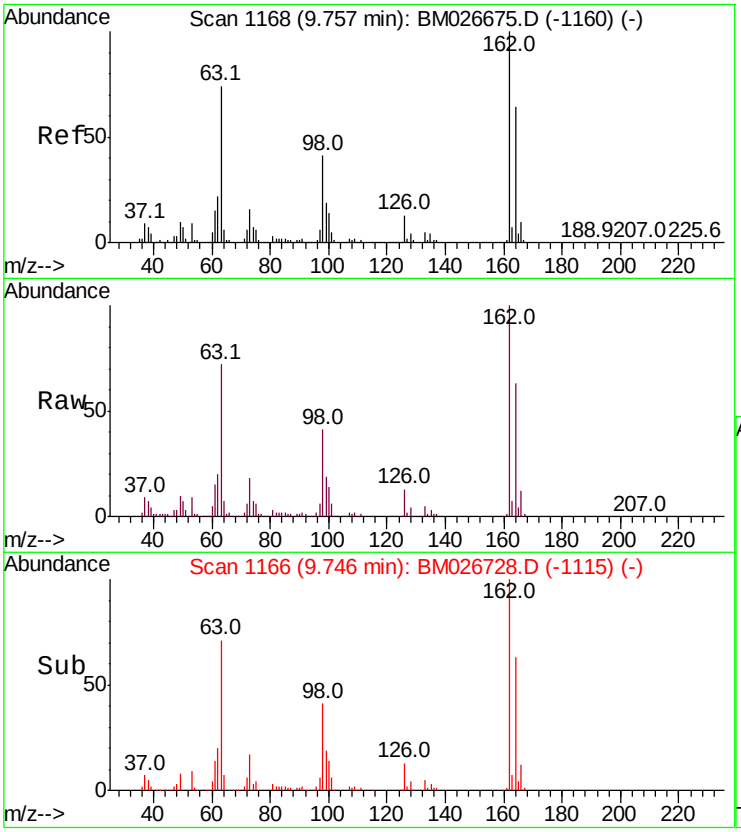


#28
bis(2-Chloroethoxy)methane
Concen: 44.798 ng
RT: 9.52 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion: 93 Resp: 319215

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	10.6	8.7	13.1



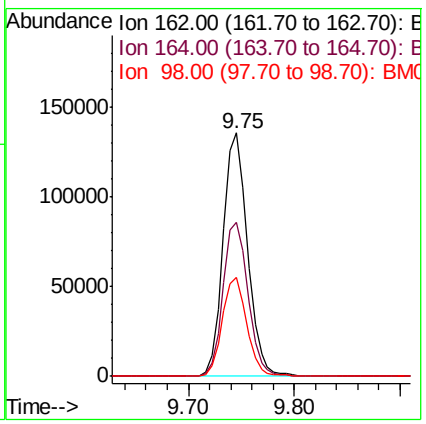


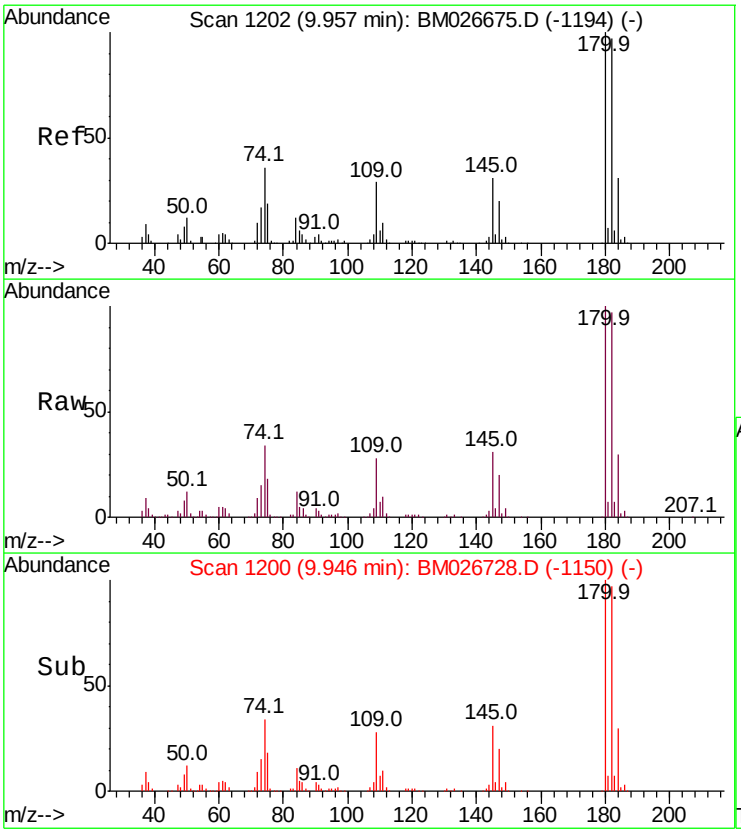
#29
2,4-Dichlorophenol
Concen: 46.454 ng
RT: 9.75 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:162 Resp: 217267

Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.3	84.3
98	40.6	21.0	61.0

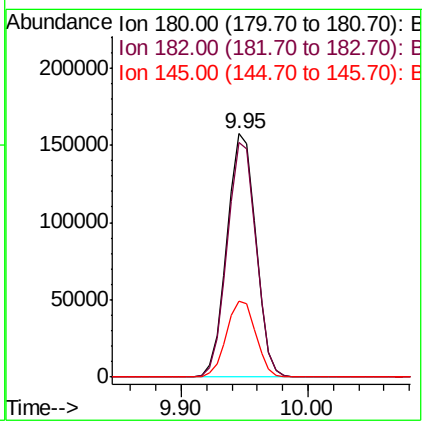


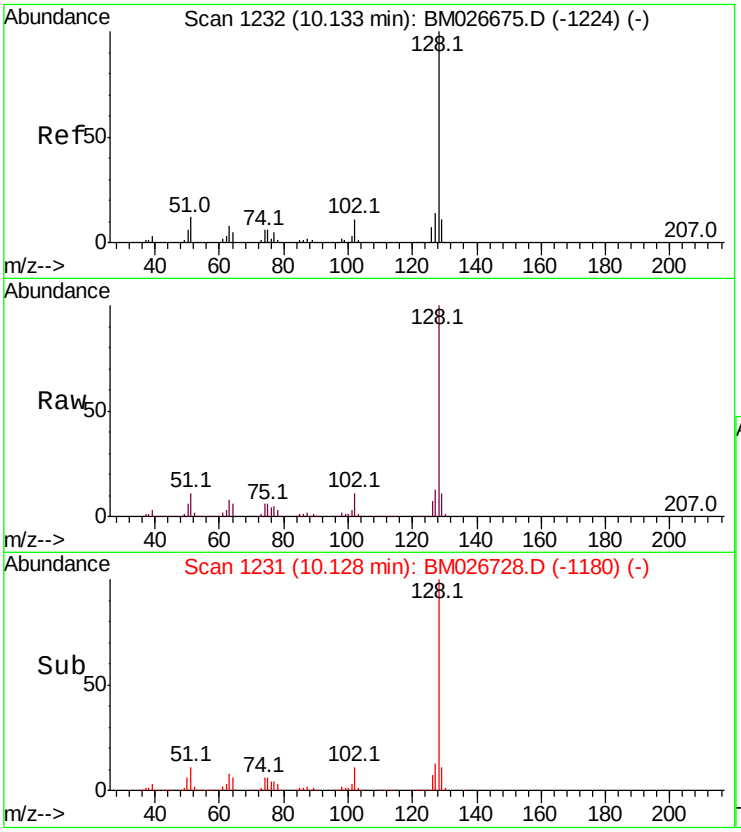


#30
1,2,4-Trichlorobenzene
Concen: 47.445 ng
RT: 9.95 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:180 Resp: 247553

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.8	116.6
145	31.3	25.0	37.6



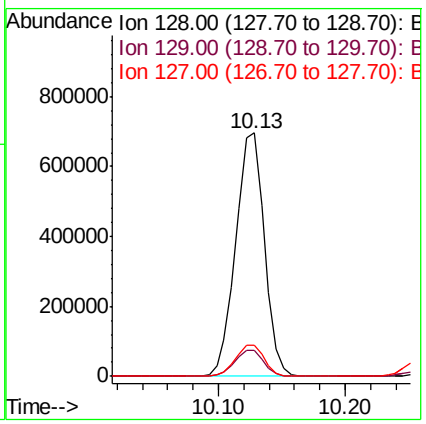


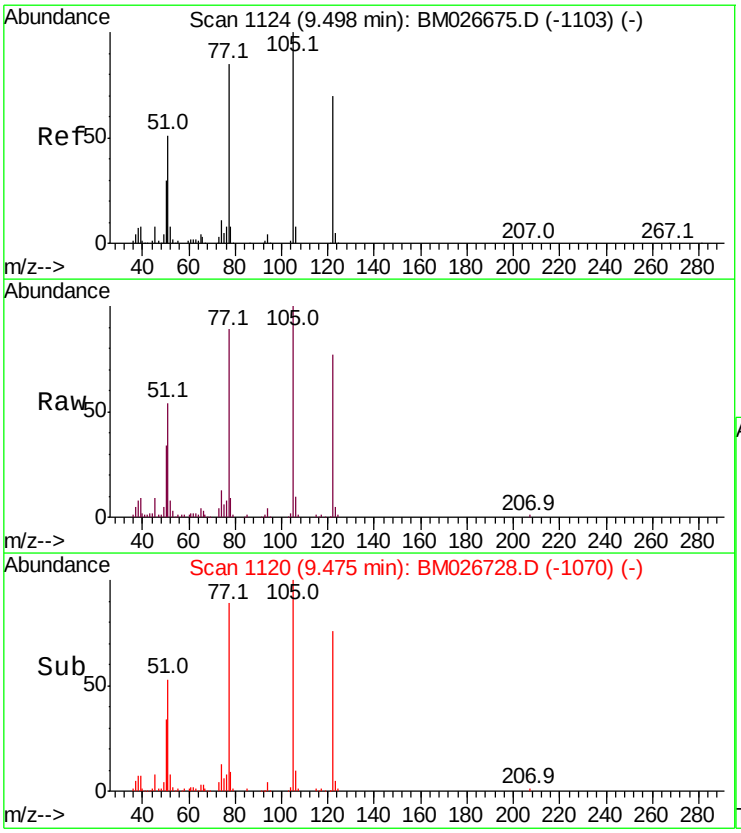
#31
Naphthalene
Concen: 68.321 ng
RT: 10.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:128 Resp: 1090452

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.8	16.2

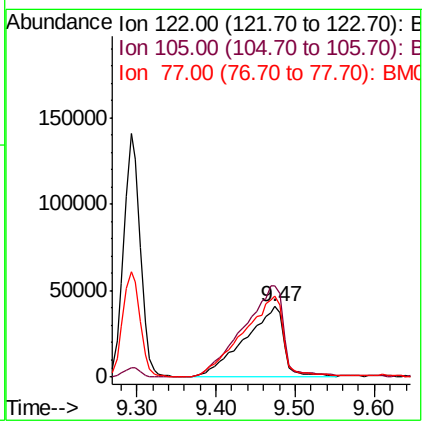


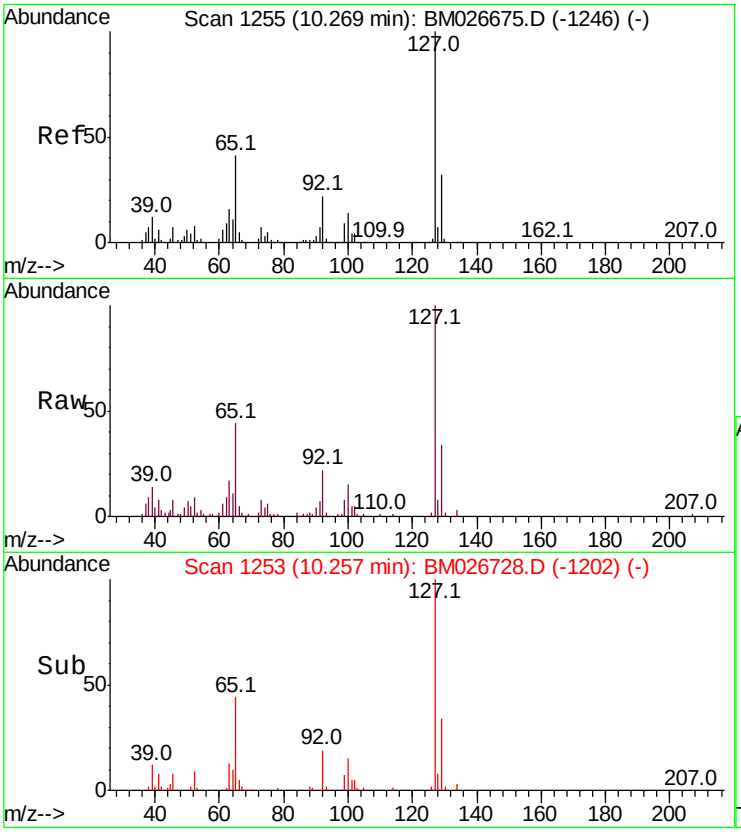


#32
Benzoic acid
Concen: 39.447 ng
RT: 9.47 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:122 Resp: 139951

Ion	Ratio	Lower	Upper
122	100		
105	130.4	120.9	160.9
77	116.0	100.0	140.0



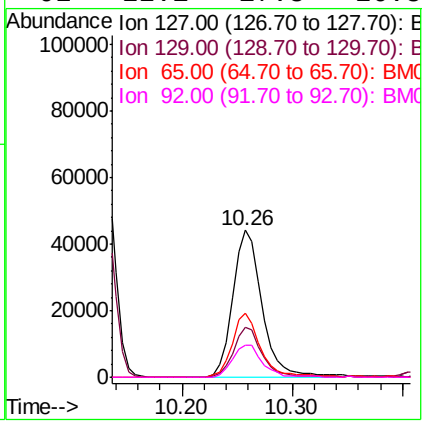


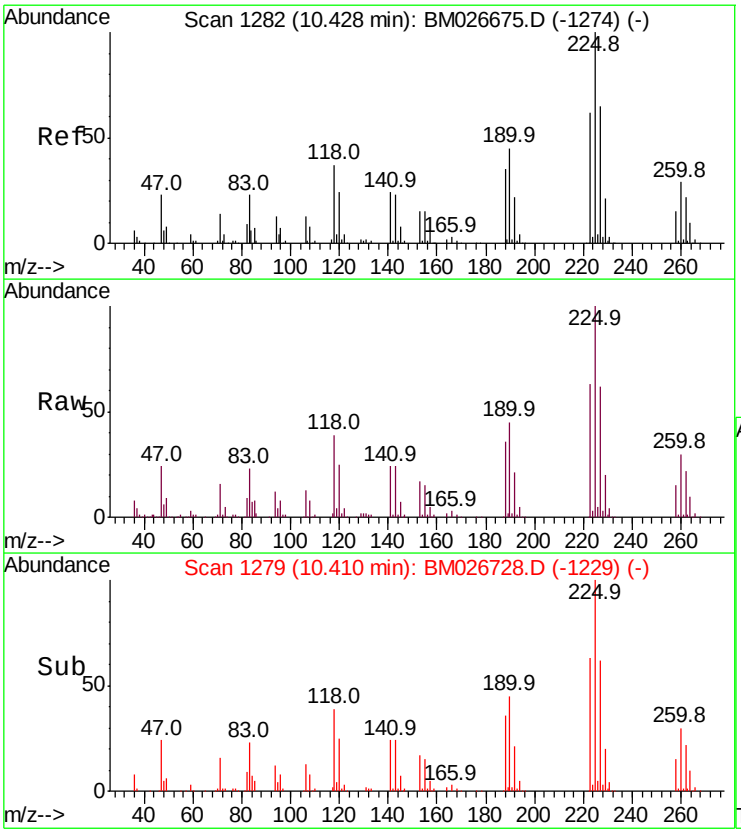
#33
4-Chloroaniline
Concen: 11.774 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:127 Resp: 82205

Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.8	38.6
65	44.1	32.5	48.7
92	22.1	17.8	26.8

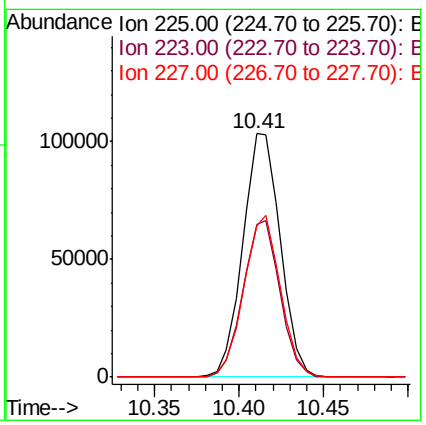


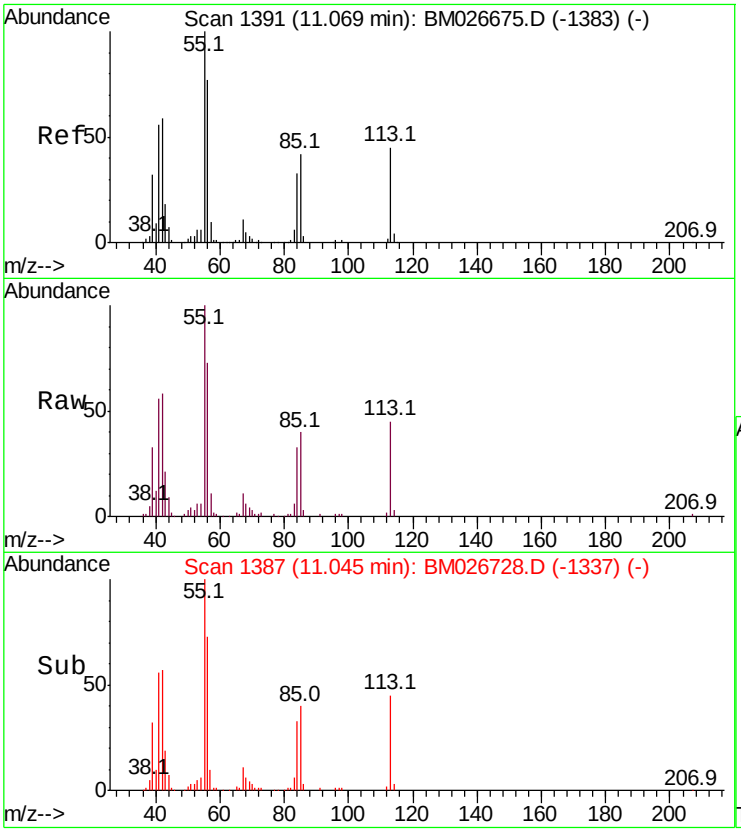


#34
Hexachlorobutadiene
Concen: 46.153 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:225 Resp: 159484

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	62.4	52.3	78.5



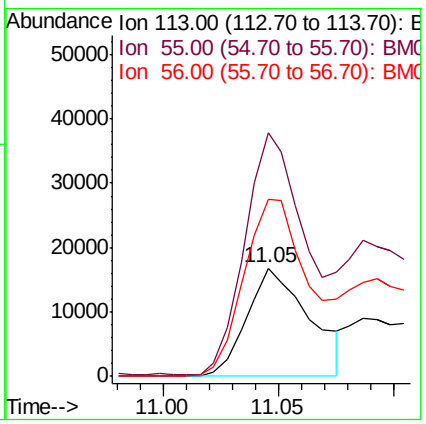


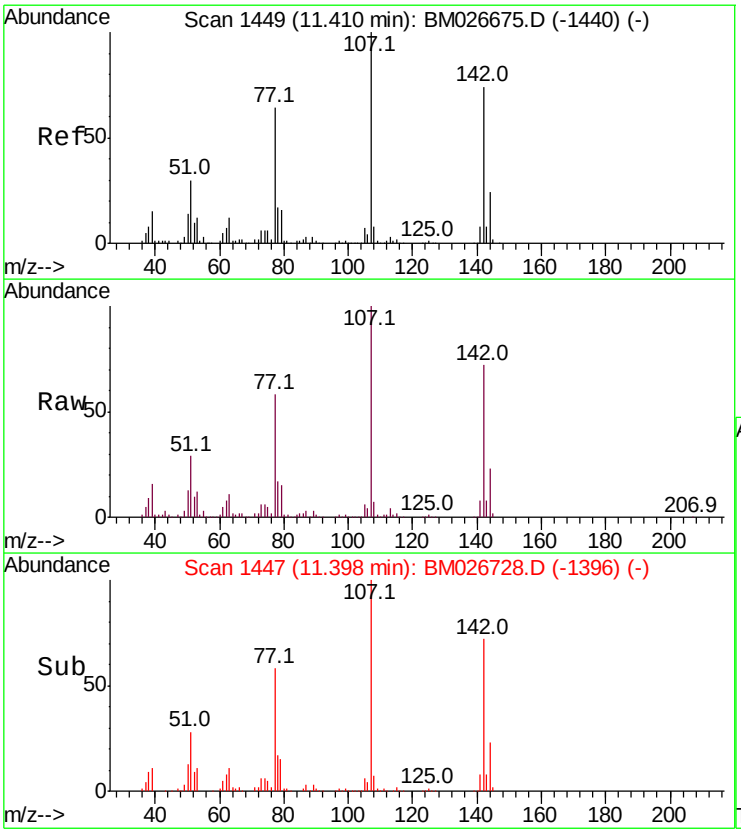
#35
Caprolactam
Concen: 18.980 ng
RT: 11.05 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:113 Resp: 31445

Ion	Ratio	Lower	Upper
113	100		
55	224.5	203.5	243.5
56	163.1	151.6	191.6

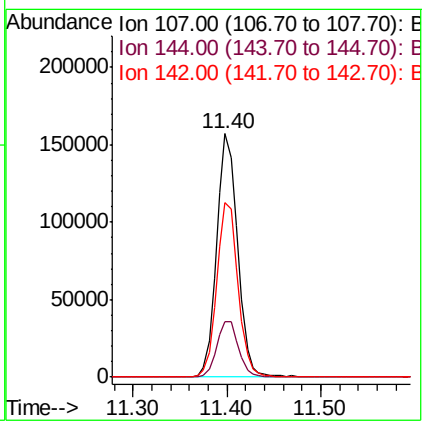


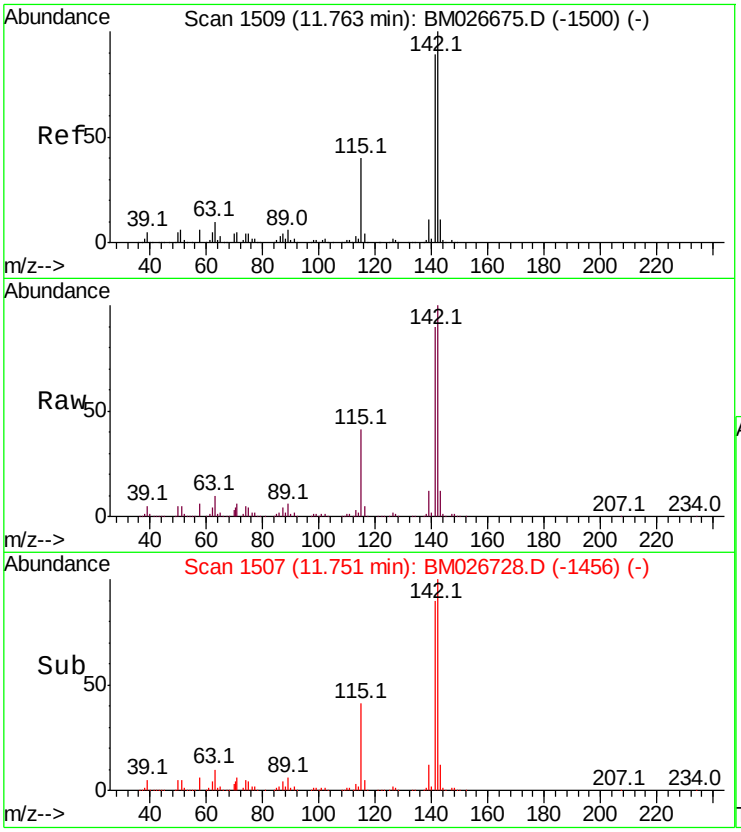


#36
4-Chloro-3-methylphenol
Concen: 41.567 ng
RT: 11.40 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:107 Resp: 245707

Ion	Ratio	Lower	Upper
107	100		
144	22.8	18.9	28.3
142	71.7	59.0	88.4



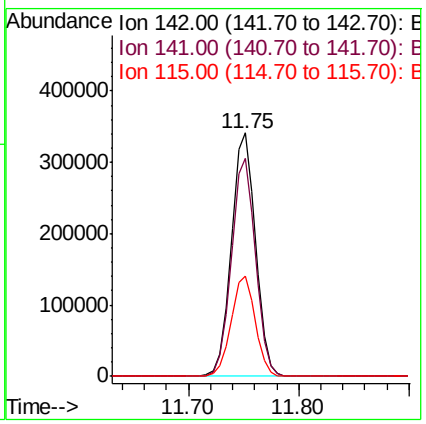


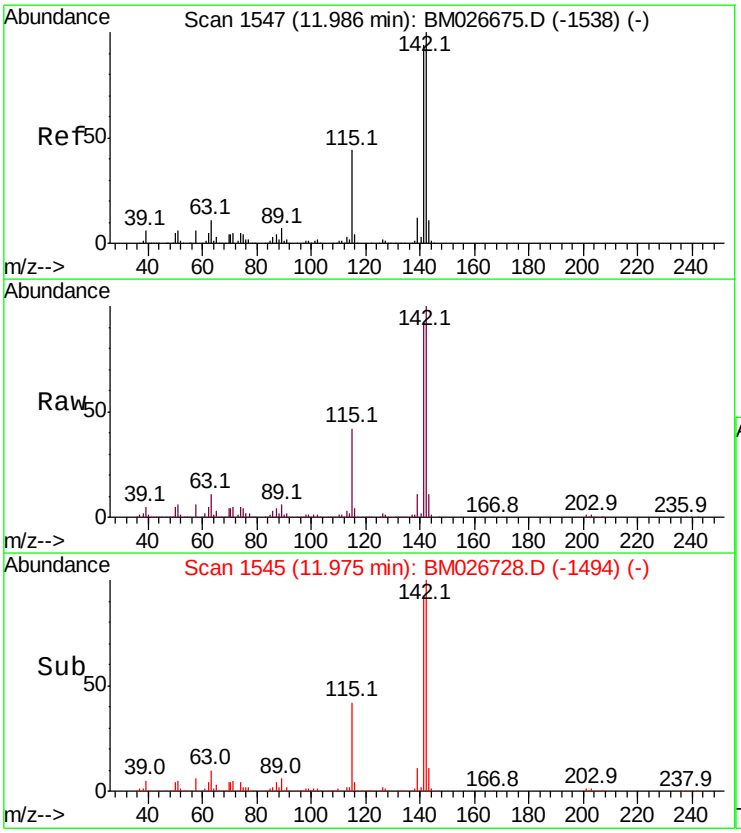
#37
2-Methylnaphthalene
Concen: 44.339 ng
RT: 11.75 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:142 Resp: 524226

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.0
115	41.0	32.1	48.1

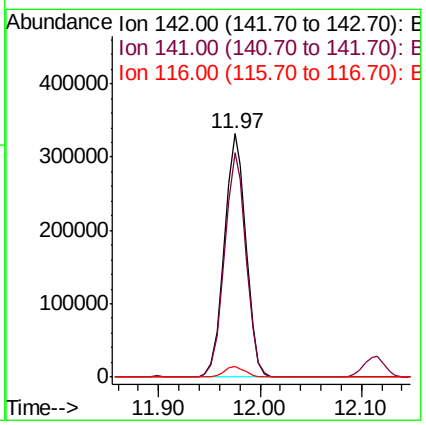


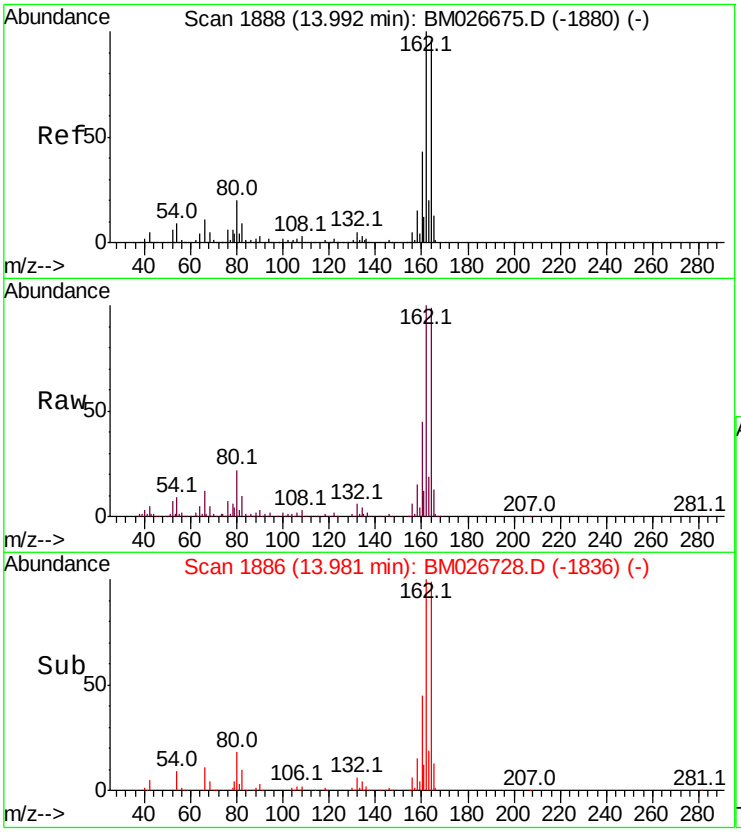


#38
1-Methylnaphthalene
Concen: 43.261 ng
RT: 11.97 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:142 Resp: 490038

Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.0	112.6
116	4.4	3.5	5.3



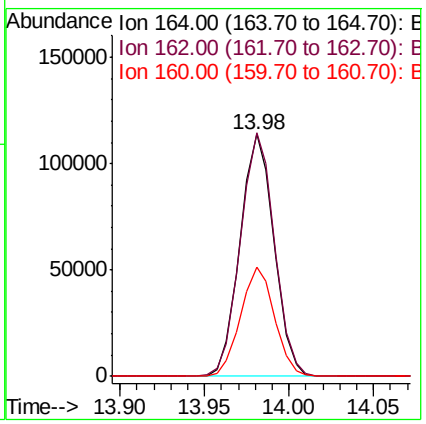


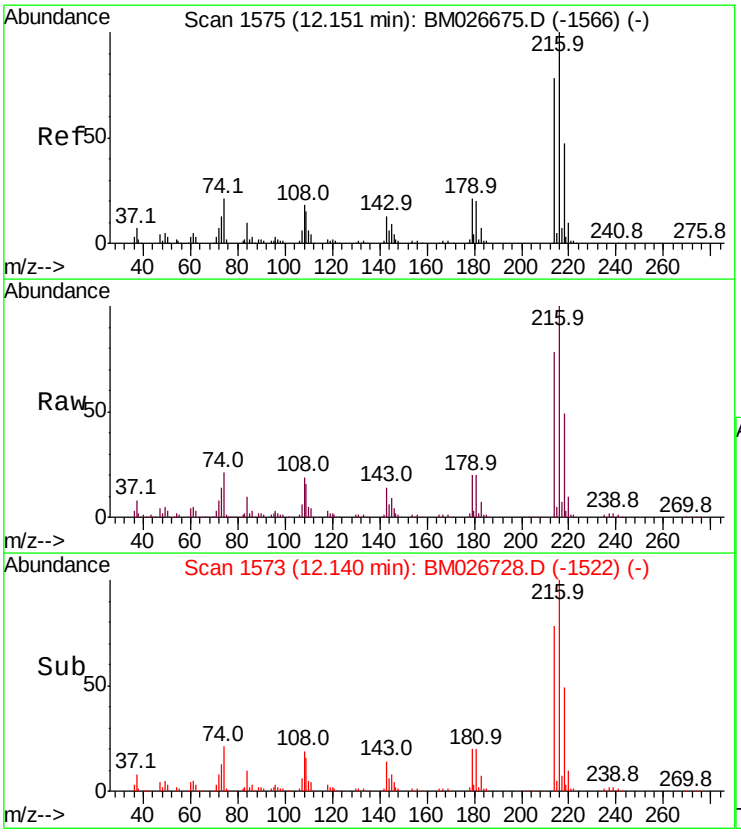
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.98 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:164 Resp: 159701

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.7	125.5
160	45.1	36.2	54.2

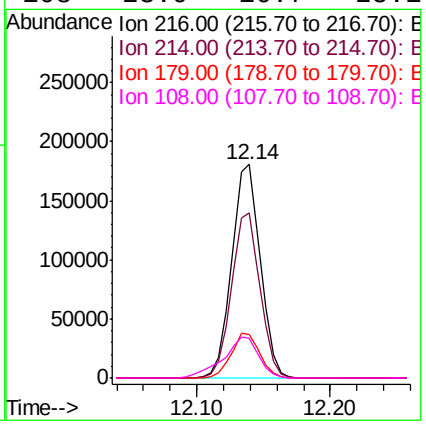


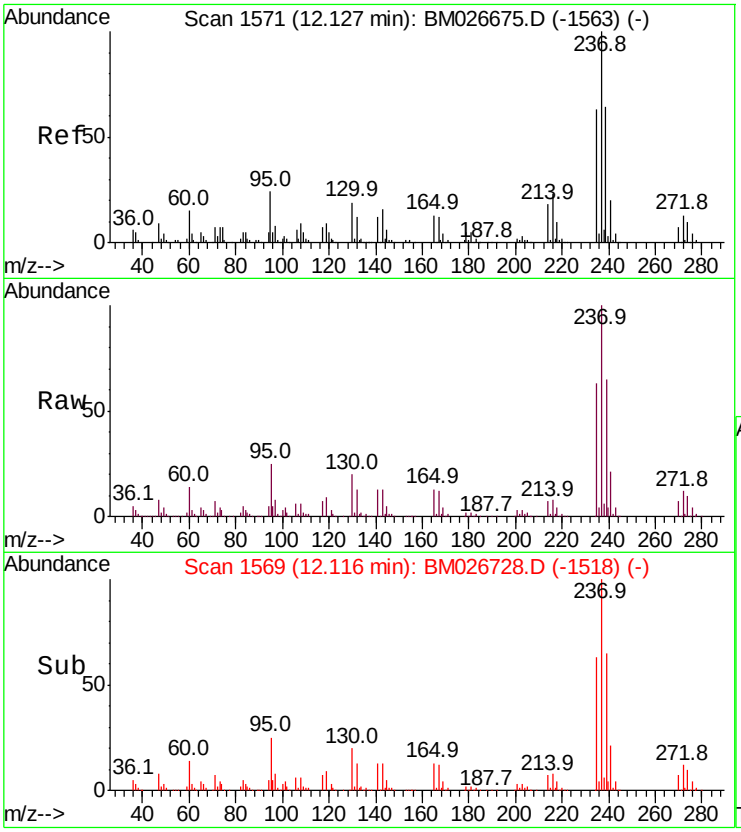


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.043 ng
RT: 12.14 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:216 Resp: 268681

Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.6	93.8
179	21.2	17.5	26.3
108	23.9	16.7	25.1



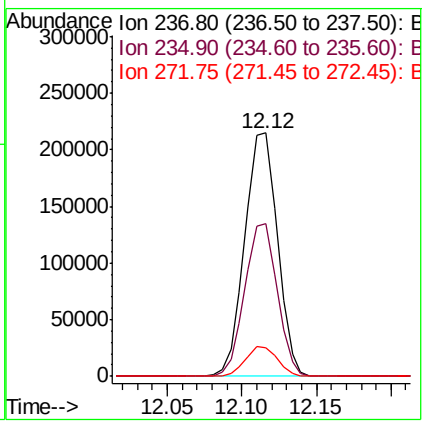


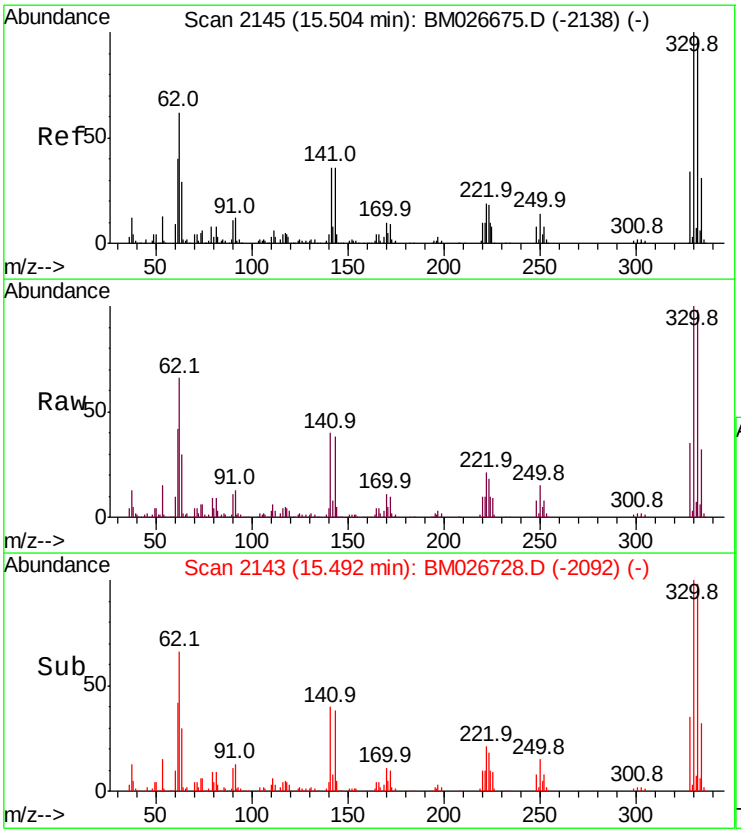
#41
Hexachlorocyclopentadiene
Concen: 109.739 ng
RT: 12.12 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:237 Resp: 325292

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.8	82.8
272	11.7	0.0	32.8

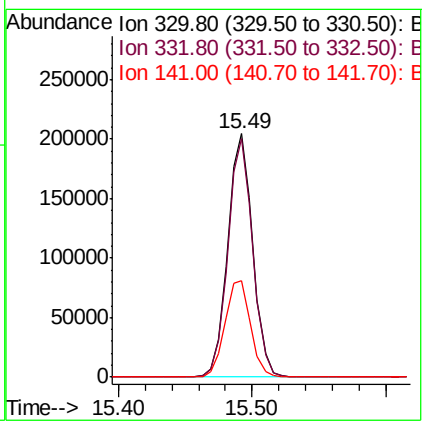


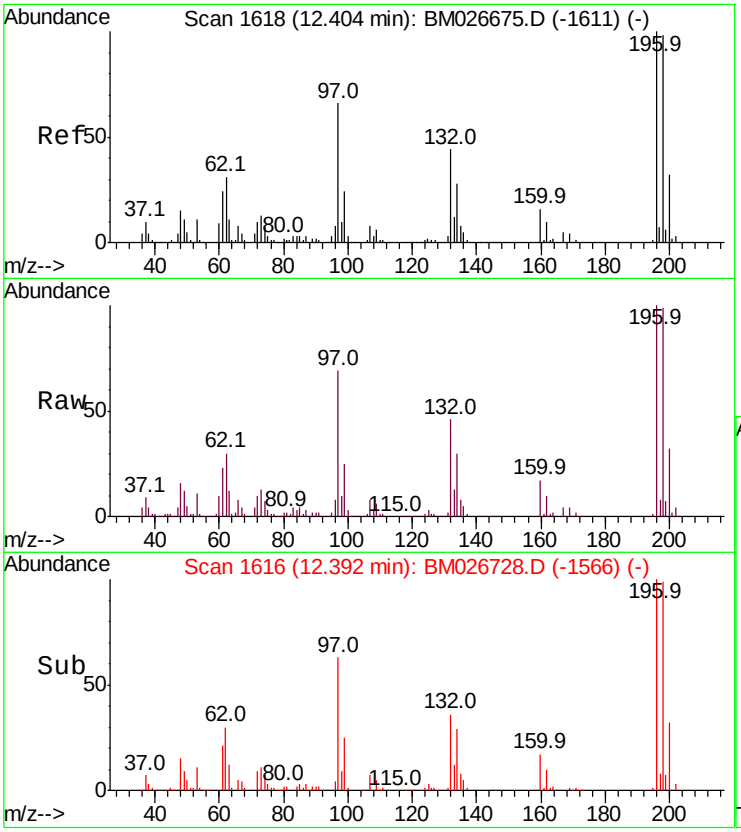


#42
2,4,6-Tribromophenol
Concen: 114.815 ng
RT: 15.49 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:330 Resp: 267101

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.5	116.3
141	41.0	32.4	48.6



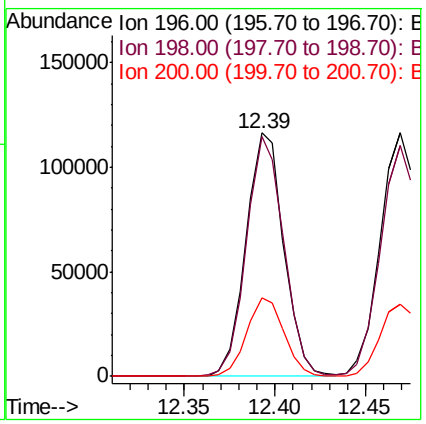


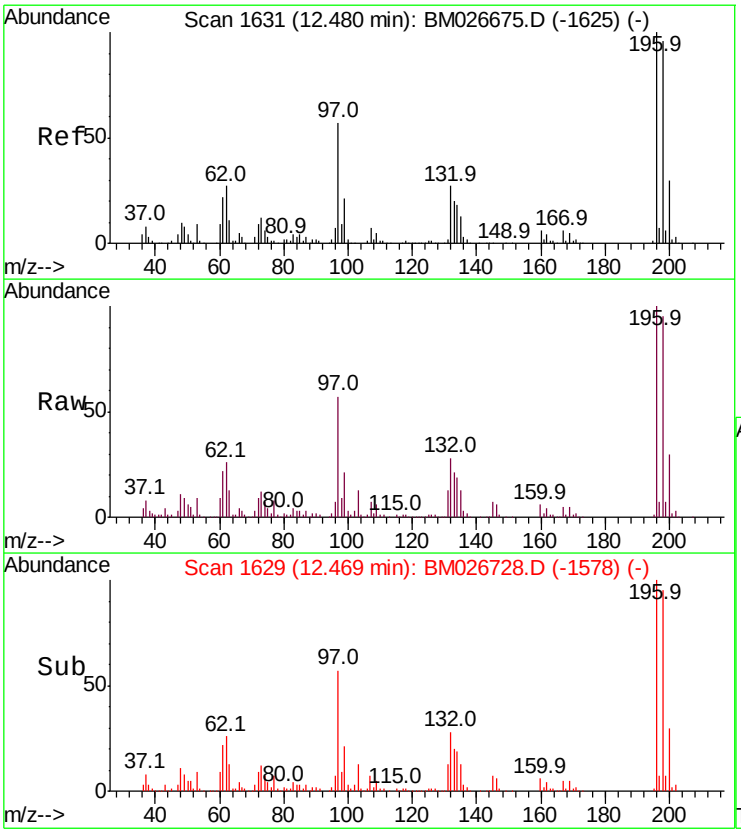
#43
2,4,6-Trichlorophenol
Concen: 50.023 ng
RT: 12.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:196 Resp: 169171

Ion	Ratio	Lower	Upper
196	100		
198	98.7	78.6	118.0
200	32.1	25.3	37.9

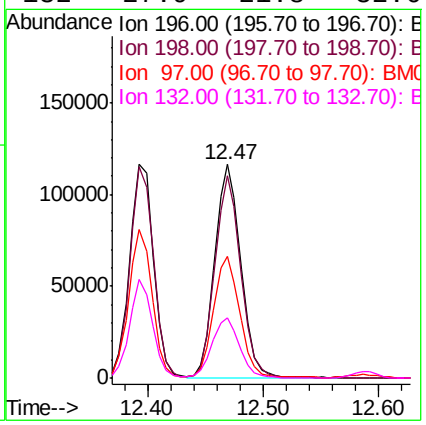


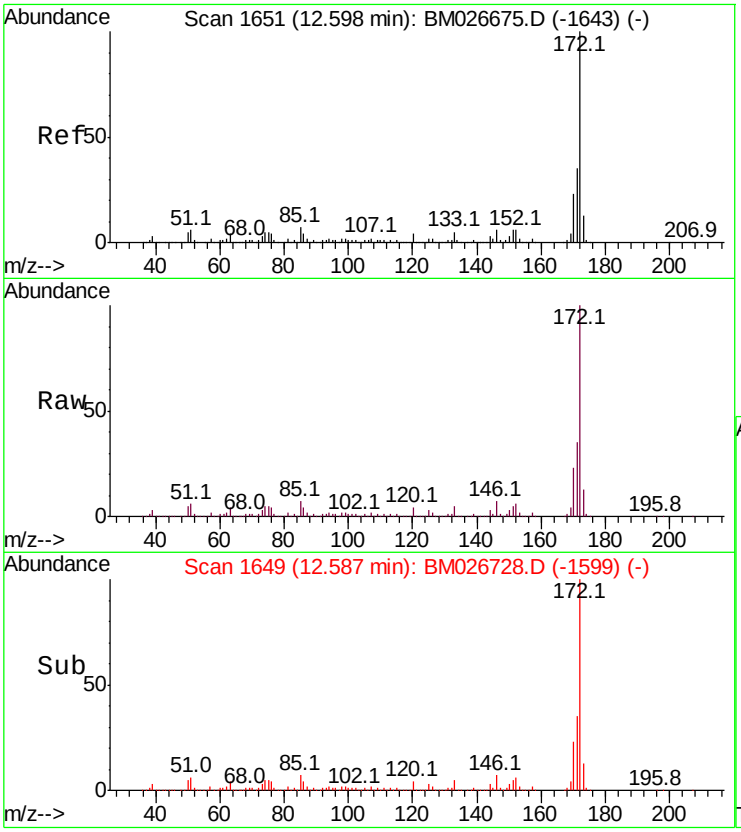


#44
2,4,5-Trichlorophenol
Concen: 45.757 ng
RT: 12.47 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:196 Resp: 181839

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.0	115.6
97	56.9	45.7	68.5
132	27.9	21.8	32.6



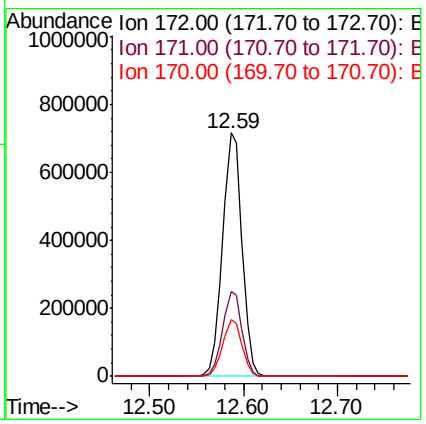


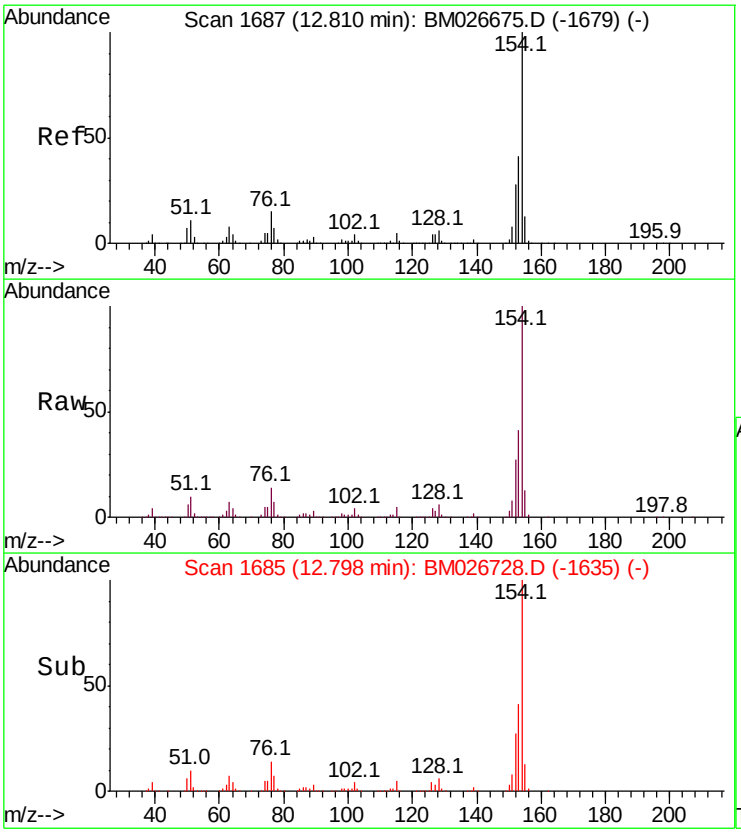
#45
2-Fluorobiphenyl
Concen: 85.755 ng
RT: 12.59 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:172 Resp: 1029999

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.1	18.5	27.7

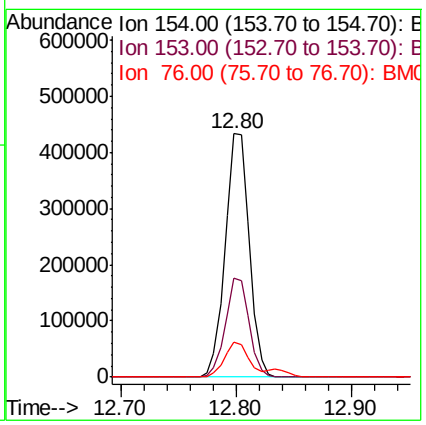


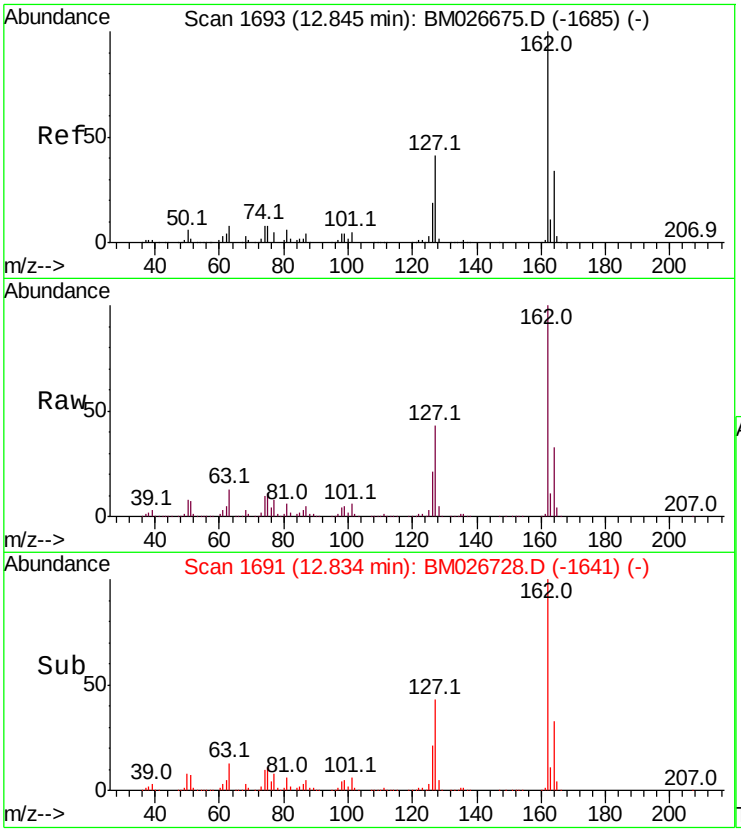


#46
1,1'-Biphenyl
Concen: 49.421 ng
RT: 12.80 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:154 Resp: 623435

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	14.3	0.0	35.2



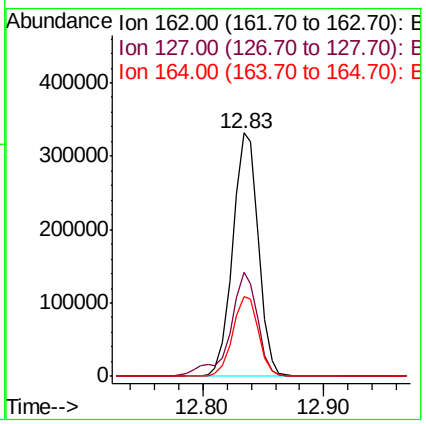


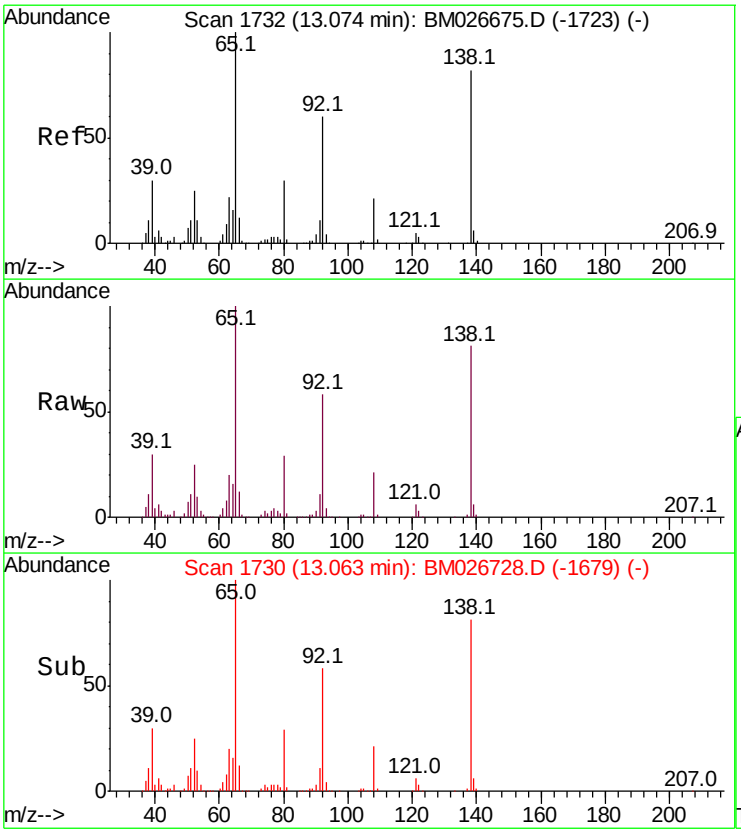
#47
2-Chloronaphthalene
Concen: 48.094 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:162 Resp: 490104

Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.0	51.0
164	32.7	26.9	40.3

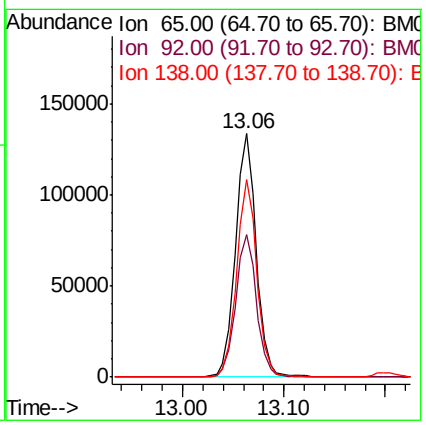


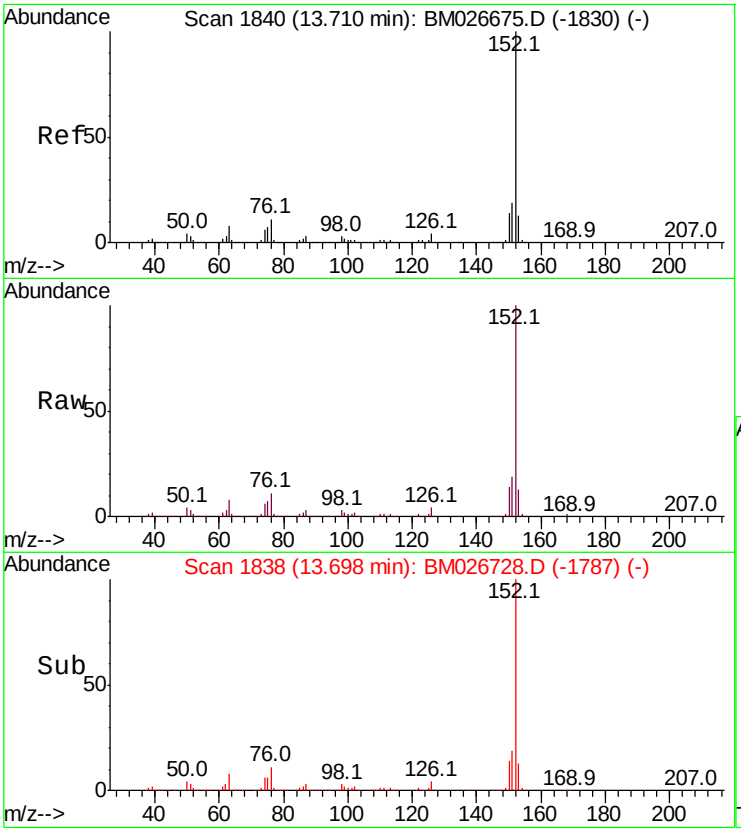


#48
2-Nitroaniline
Concen: 45.148 ng
RT: 13.06 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion: 65 Resp: 189341

Ion	Ratio	Lower	Upper
65	100		
92	58.3	47.8	71.8
138	81.2	65.6	98.4



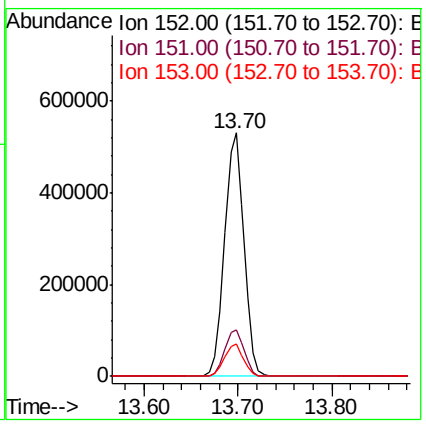


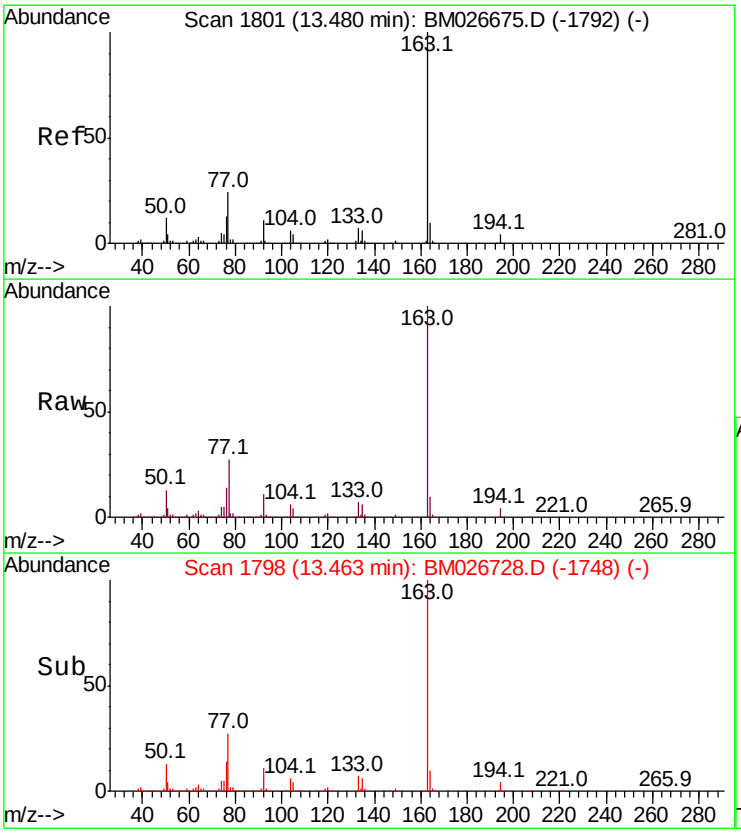
#49
Acenaphthylene
Concen: 46.455 ng
RT: 13.70 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:152 Resp: 756793

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.6	23.4
153	13.2	10.4	15.6

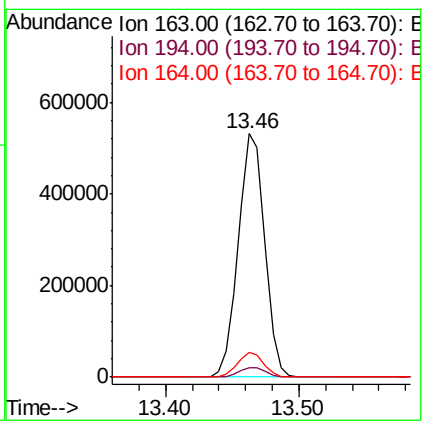


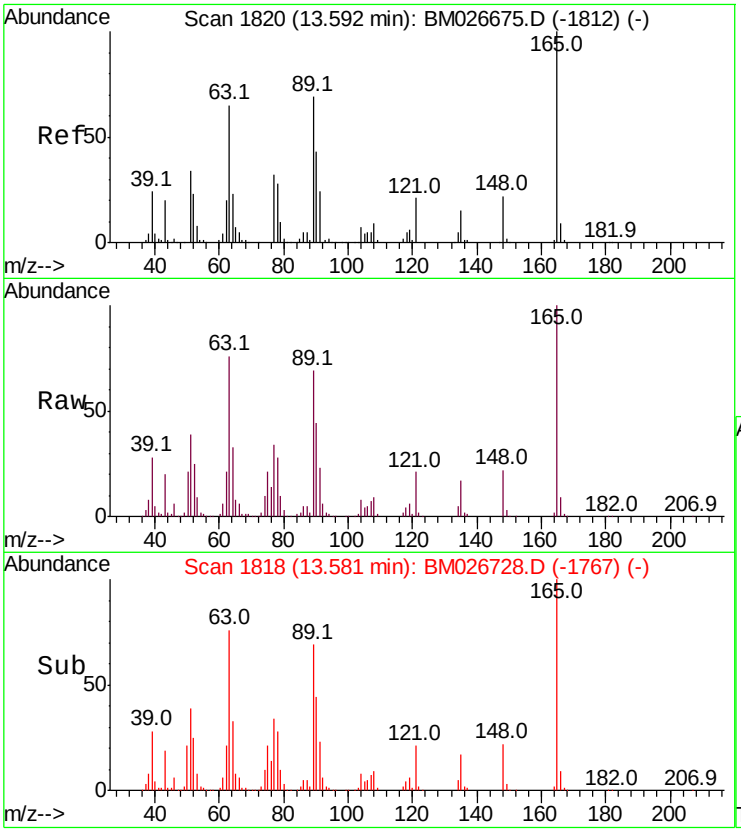


#50
Dimethylphthalate
Concen: 53.147 ng
RT: 13.46 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:163 Resp: 725985

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	7.8	11.6



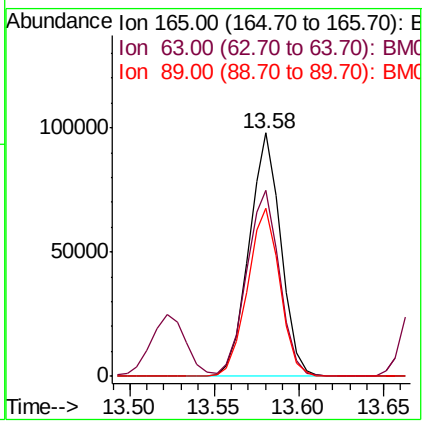


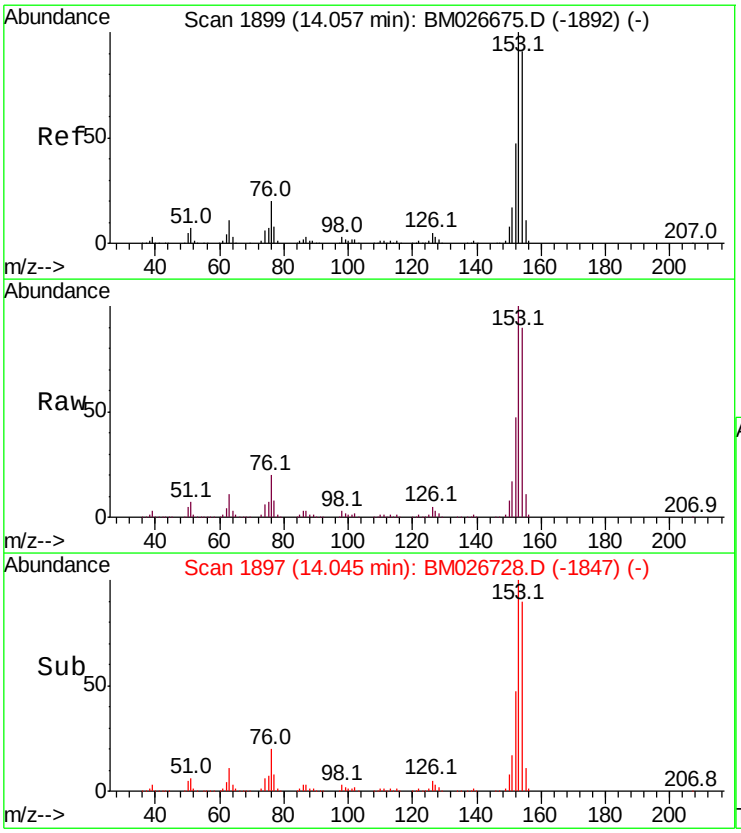
#51
2,6-Dinitrotoluene
Concen: 43.640 ng
RT: 13.58 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:165 Resp: 127650

Ion	Ratio	Lower	Upper
165	100		
63	76.3	61.1	91.7
89	68.9	54.9	82.3

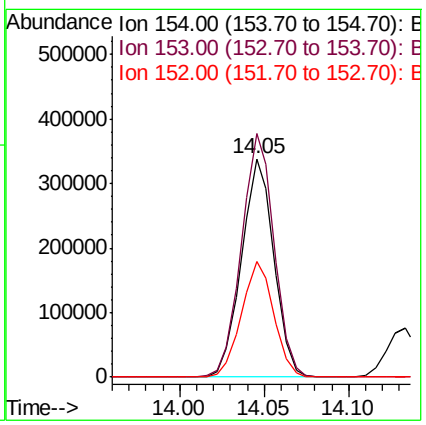


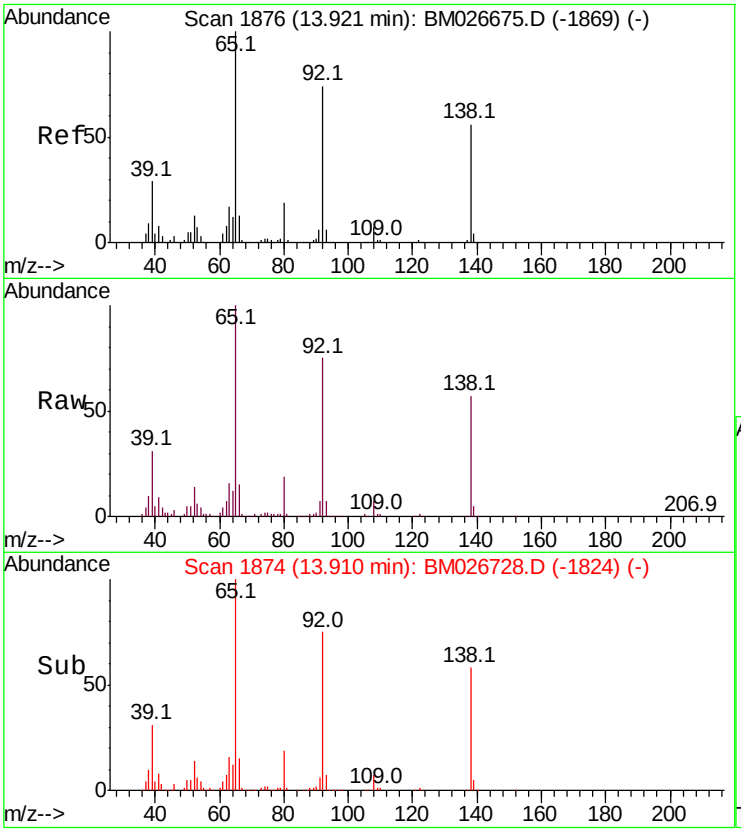


#52
Acenaphthene
Concen: 45.716 ng
RT: 14.05 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:154 Resp: 452622

Ion	Ratio	Lower	Upper
154	100		
153	111.6	88.3	132.5
152	52.9	41.1	61.7



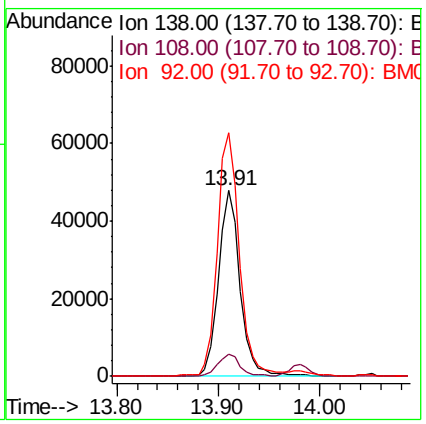


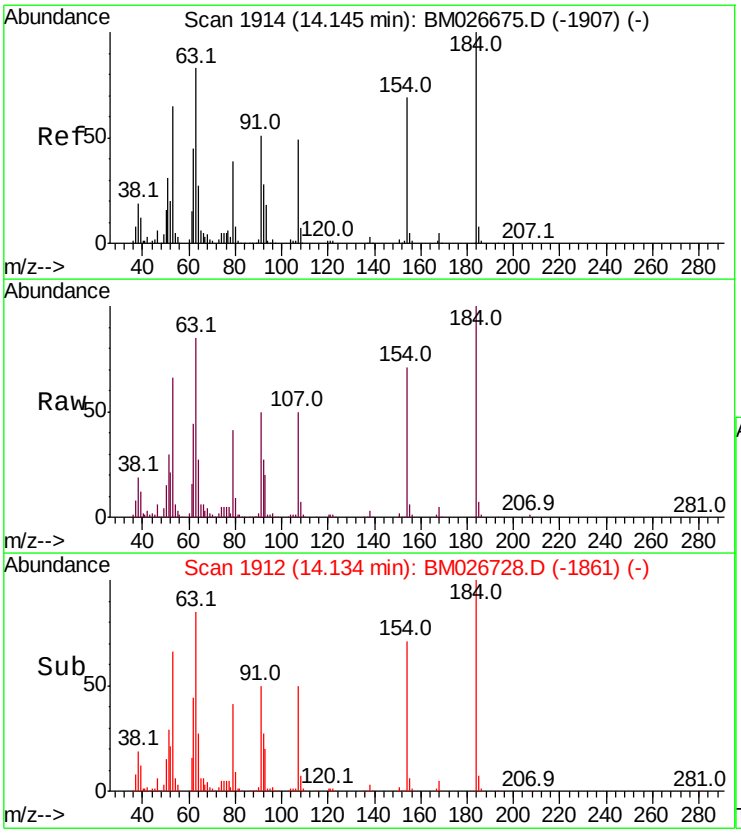
#53
3-Nitroaniline
Concen: 23.244 ng
RT: 13.91 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:138 Resp: 70733

Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.7	14.5
92	131.2	105.6	158.4

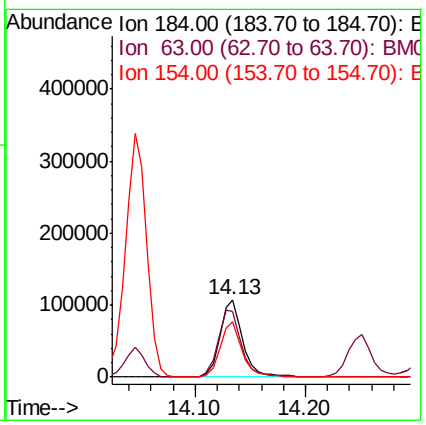


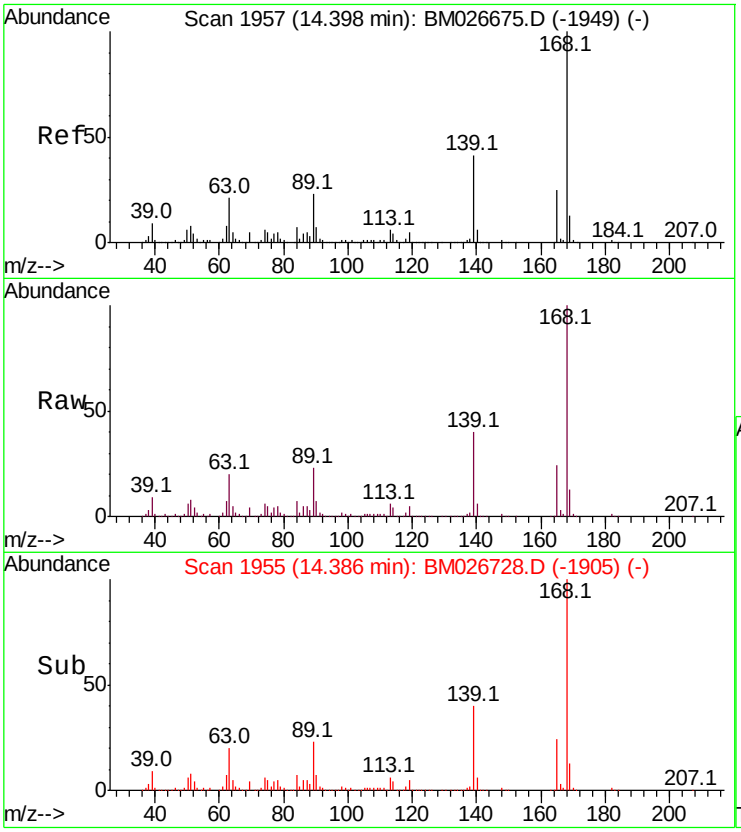


#54
2,4-Dinitrophenol
Concen: 76.454 ng
RT: 14.13 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:184 Resp: 154346

Ion	Ratio	Lower	Upper
184	100		
63	85.0	66.2	99.4
154	71.4	55.2	82.8



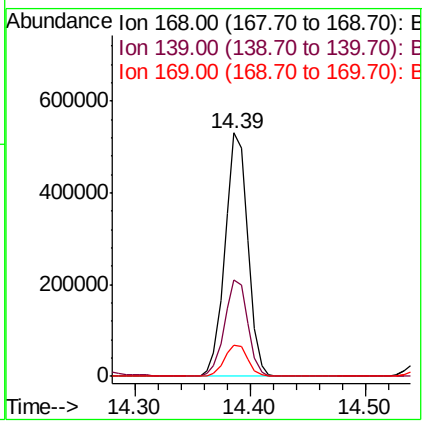


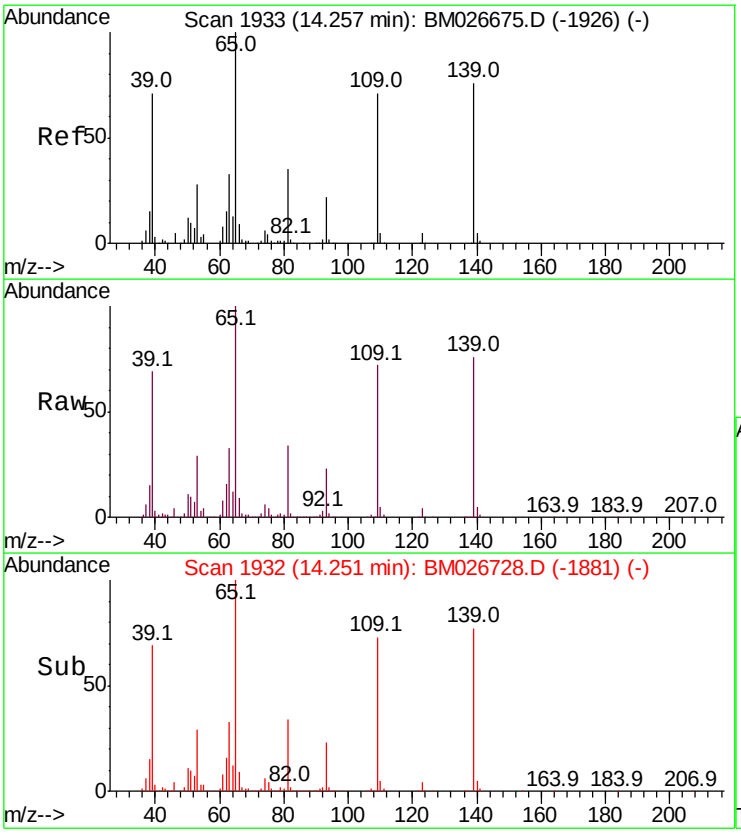
#55
Dibenzofuran
Concen: 44.436 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:168 Resp: 721355

Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.6	48.8
169	13.0	10.5	15.7

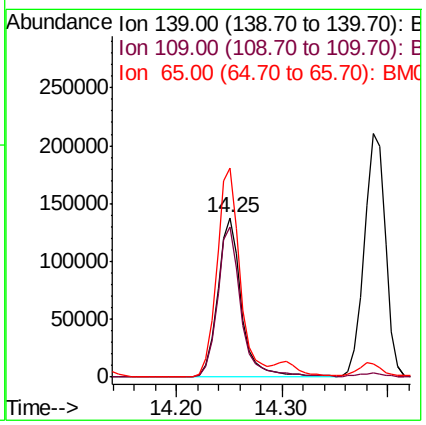


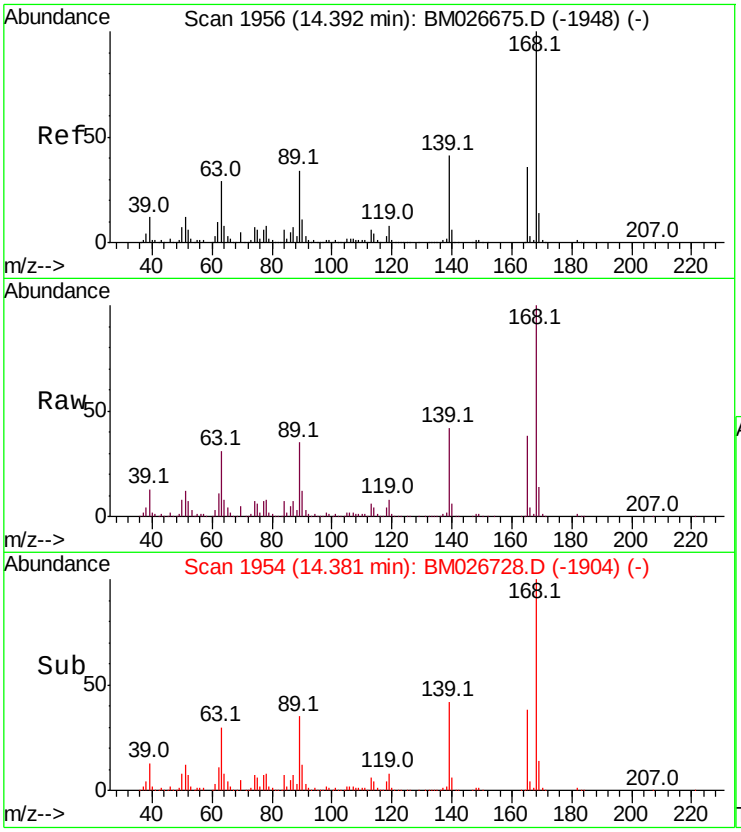


#56
4-Nitrophenol
Concen: 80.875 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:139 Resp: 214659

Ion	Ratio	Lower	Upper
139	100		
109	94.2	73.7	113.7
65	131.1	111.5	151.5



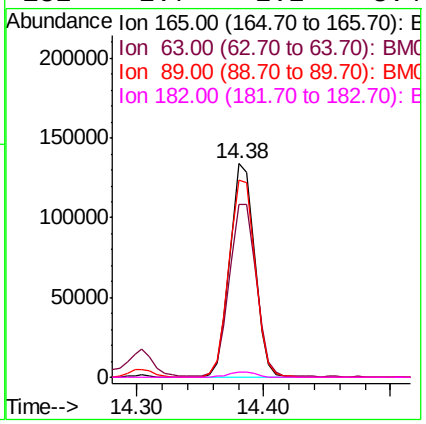


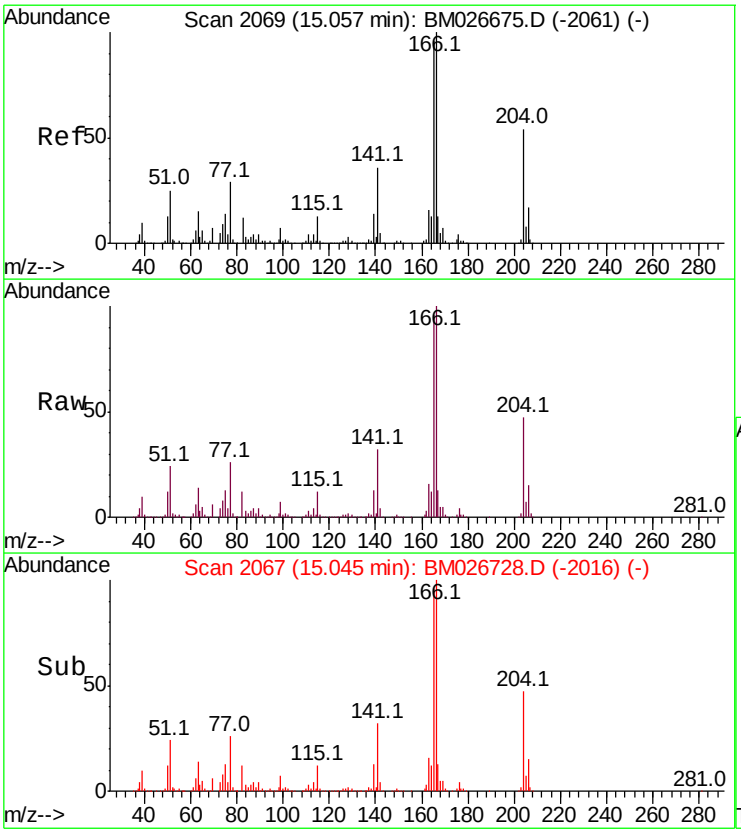
#57
2,4-Dinitrotoluene
Concen: 42.942 ng
RT: 14.38 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:165 Resp: 181288

Ion	Ratio	Lower	Upper
165	100		
63	80.9	64.6	97.0
89	92.2	75.4	113.2
182	2.7	2.2	3.4

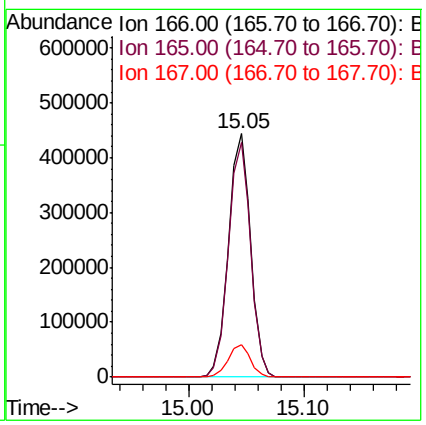


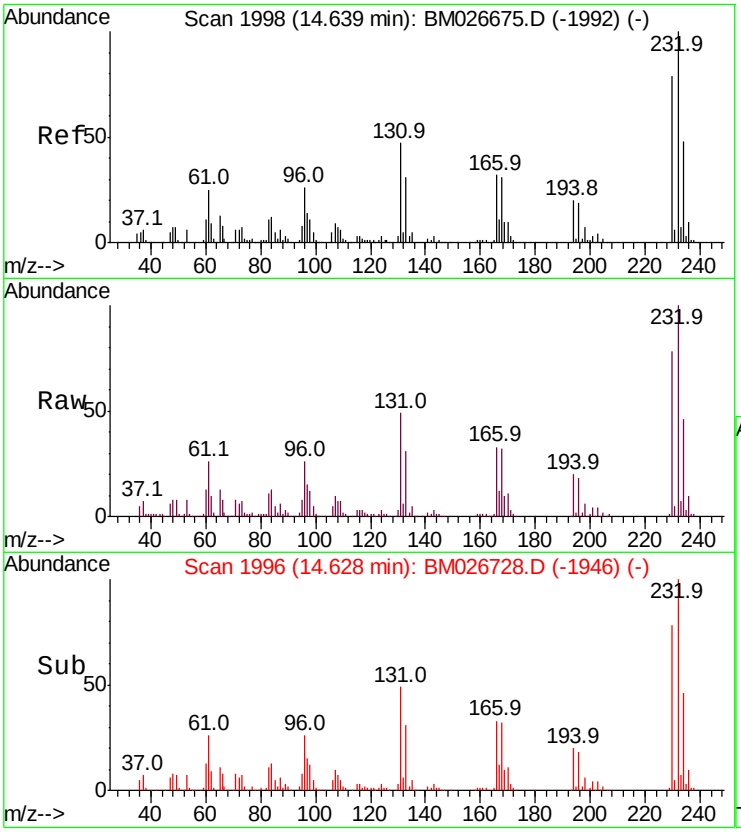


#58
Fluorene
Concen: 43.576 ng
RT: 15.05 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:166 Resp: 585693

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.1	115.7
167	13.4	10.8	16.2



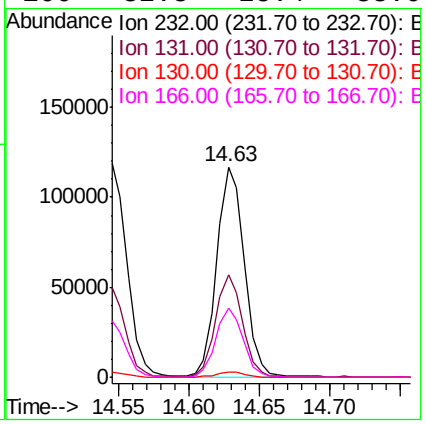


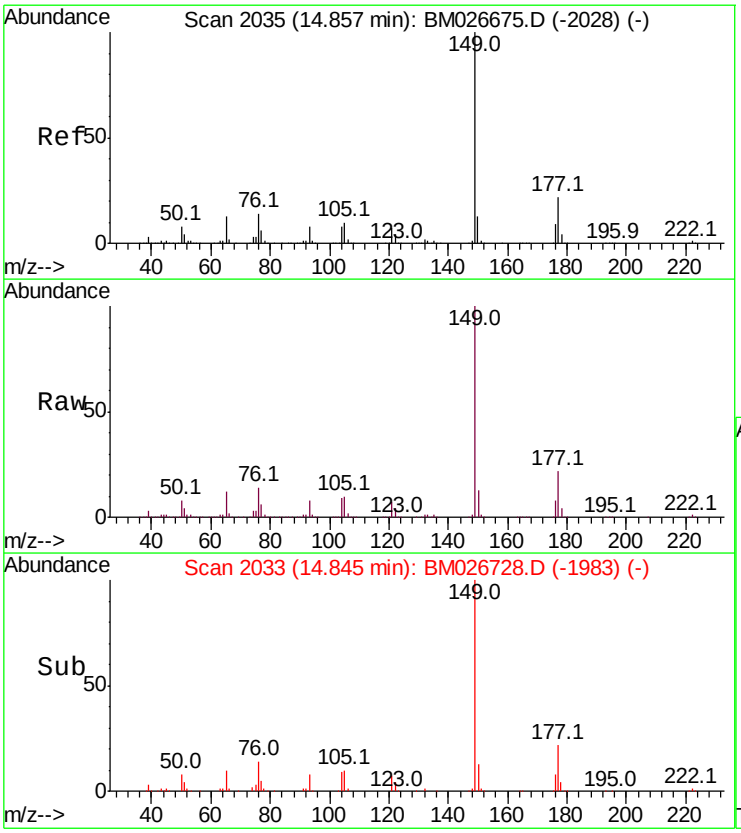
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.540 ng
RT: 14.63 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:232 Resp: 158048

Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.4	57.6
130	2.7	2.2	3.2
166	32.3	25.4	38.0

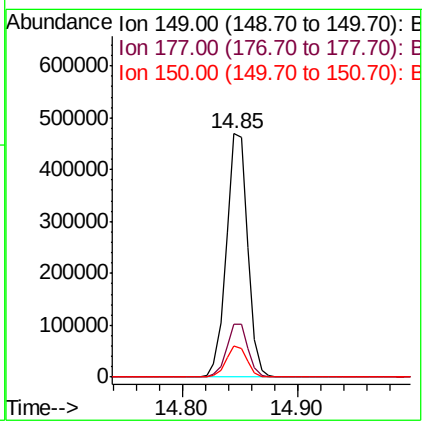


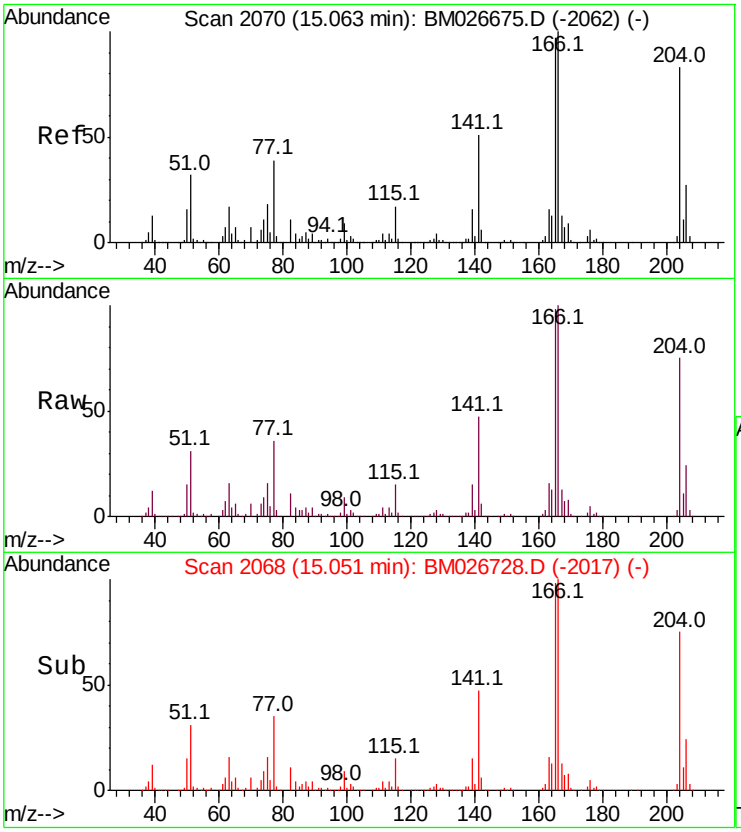


#60
Diethylphthalate
Concen: 41.163 ng
RT: 14.85 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:149 Resp: 594560

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.6
150	13.0	10.2	15.4



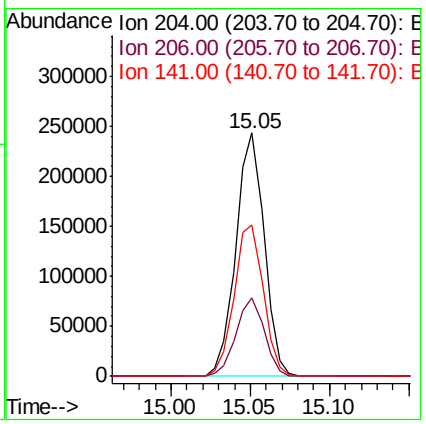


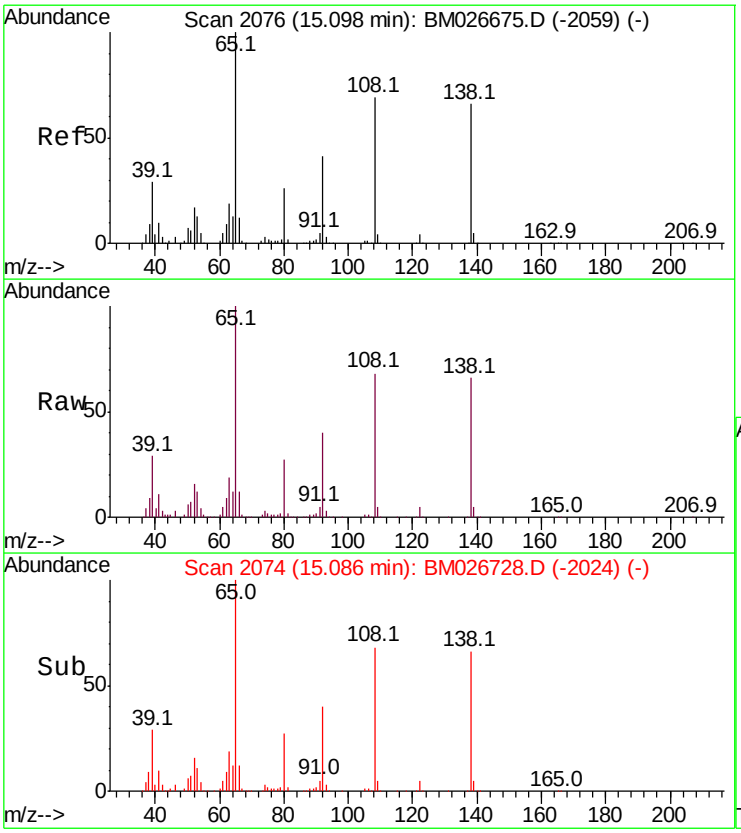
#61
4-Chlorophenyl-phenylether
Concen: 41.431 ng
RT: 15.05 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:204 Resp: 301703

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.9	38.9
141	62.5	49.5	74.3

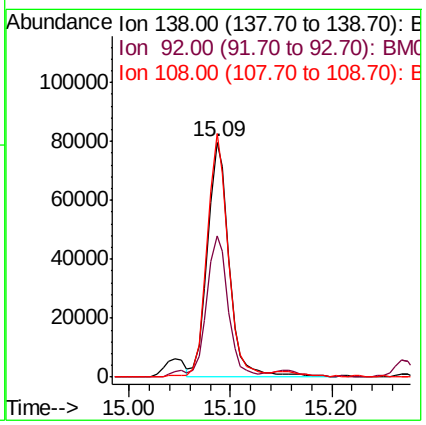


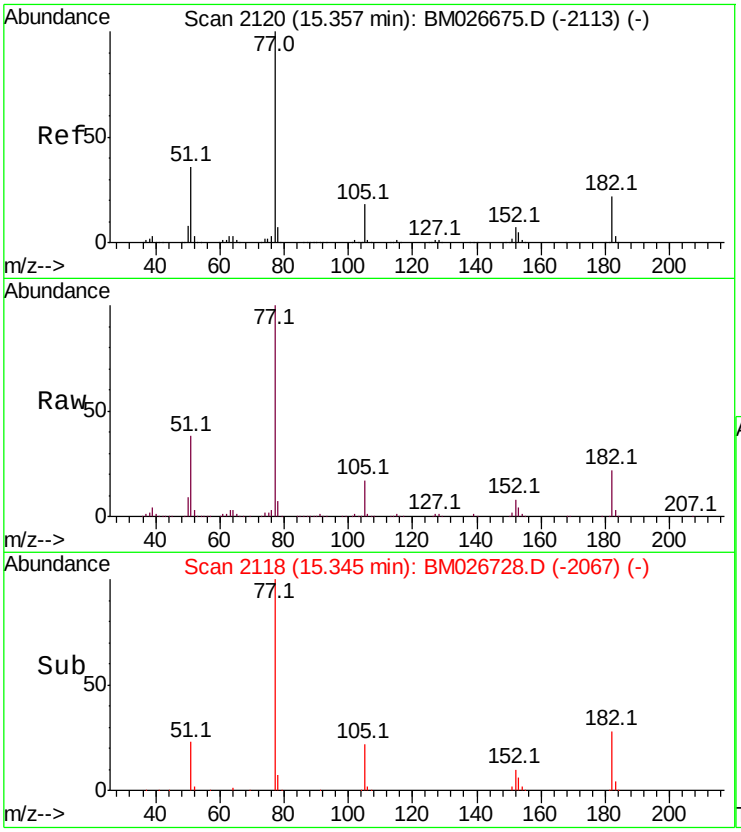


#62
4-Nitroaniline
Concen: 33.941 ng
RT: 15.09 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:138 Resp: 117186

Ion	Ratio	Lower	Upper
138	100		
92	60.1	41.5	81.5
108	103.6	84.8	124.8



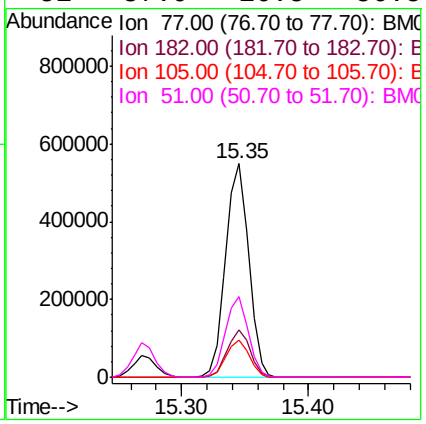


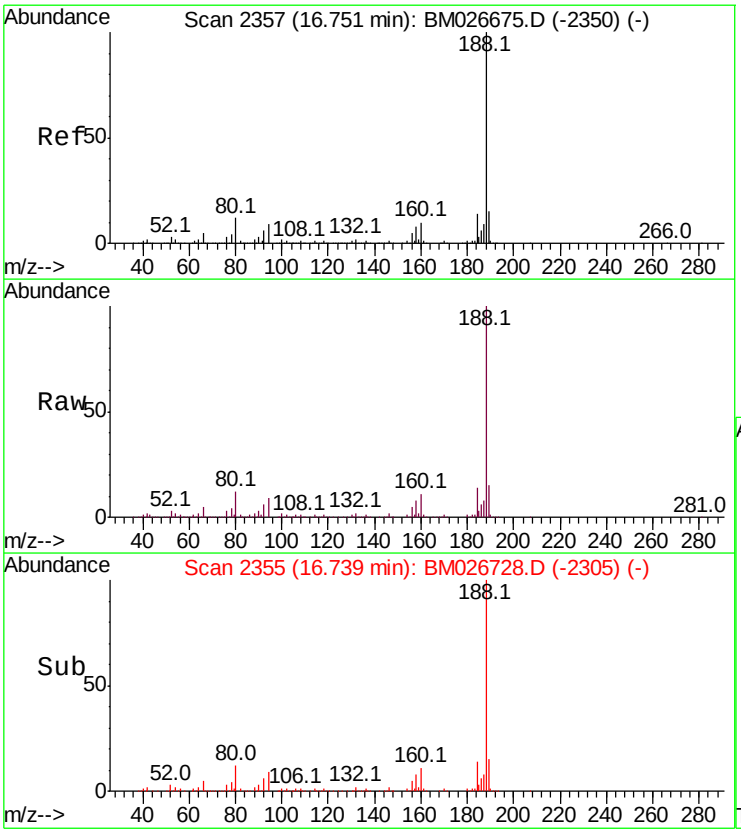
#63
Azobenzene
Concen: 43.458 ng
RT: 15.35 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion: 77 Resp: 689454

Ion	Ratio	Lower	Upper
77	100		
182	22.0	1.6	41.6
105	17.2	0.0	37.8
51	37.9	16.5	56.5

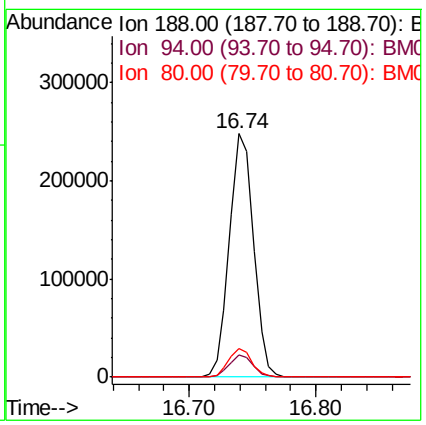


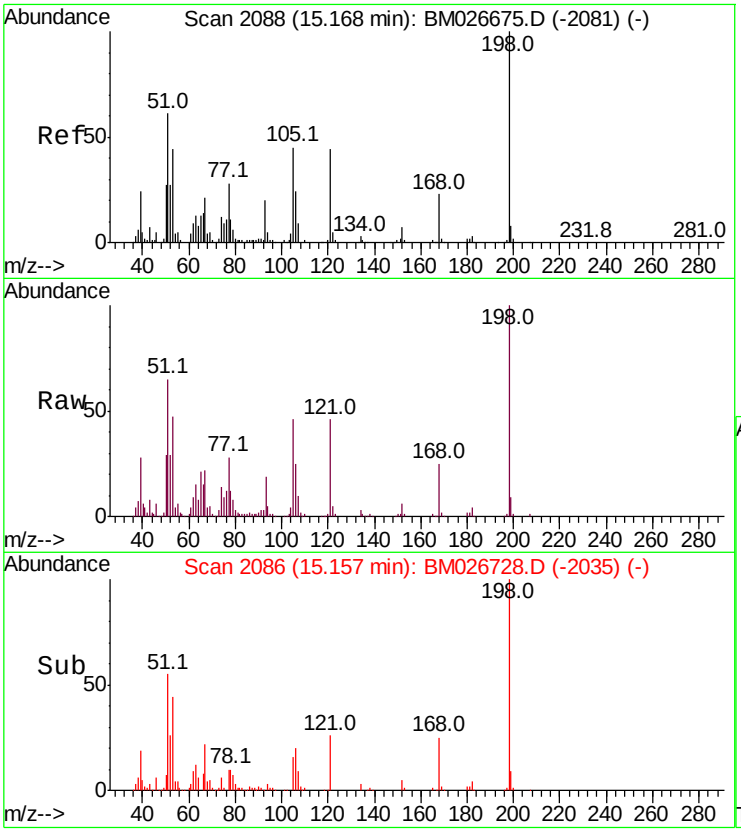


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:188 Resp: 325891

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.0
80	12.0	9.3	13.9



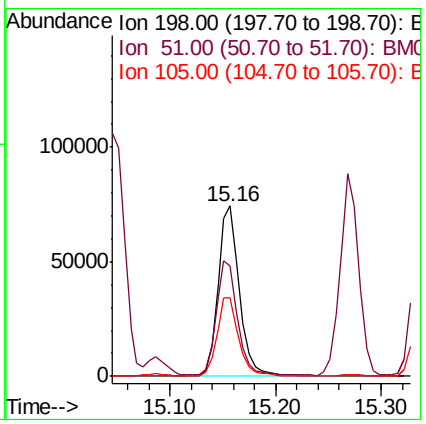


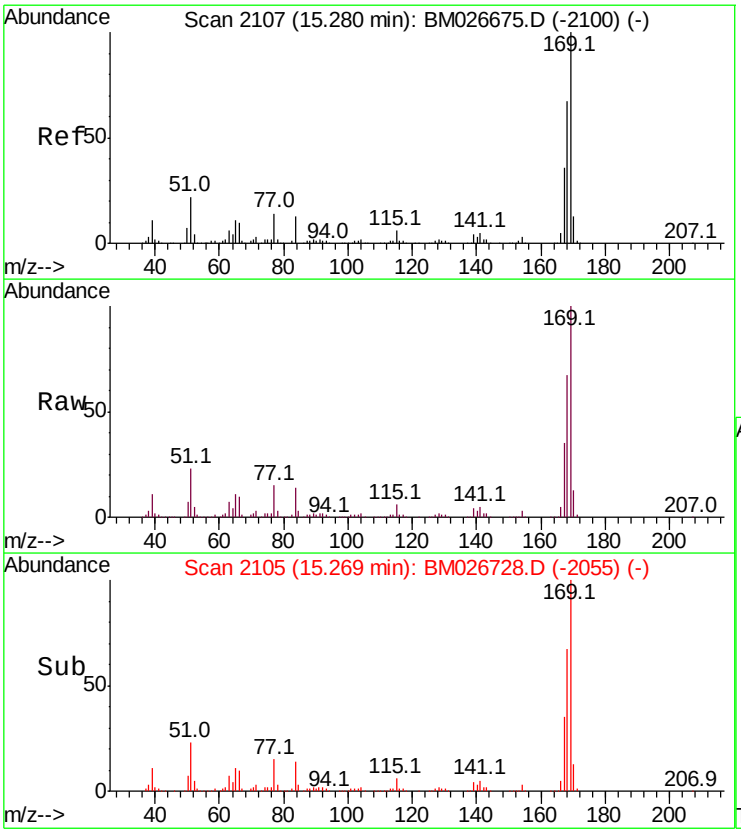
#65
4,6-Dinitro-2-methylphenol
Concen: 44.012 ng
RT: 15.16 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:198 Resp: 104208

Ion	Ratio	Lower	Upper
198	100		
51	64.9	42.0	82.0
105	45.9	24.9	64.9

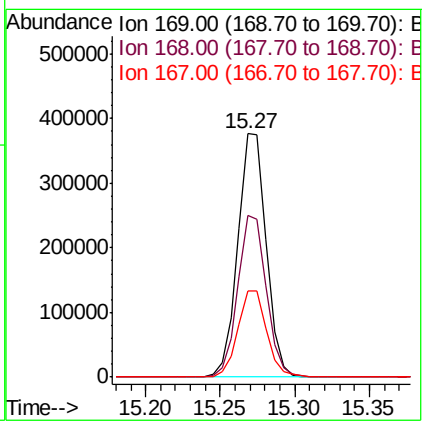


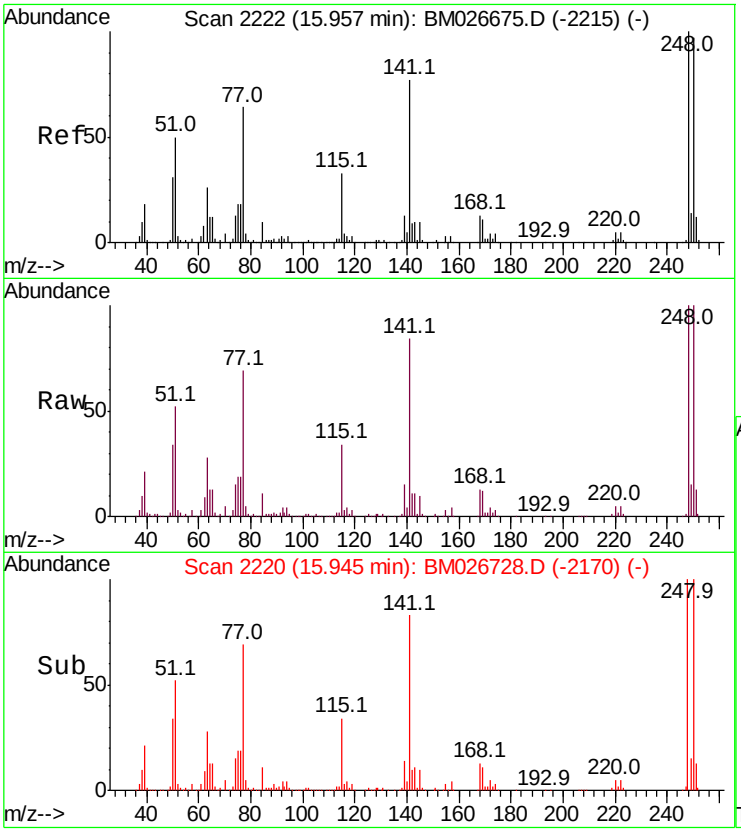


#66
n-Nitrosodiphenylamine
Concen: 47.855 ng
RT: 15.27 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:169 Resp: 495595

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.8	80.8
167	35.4	28.6	43.0



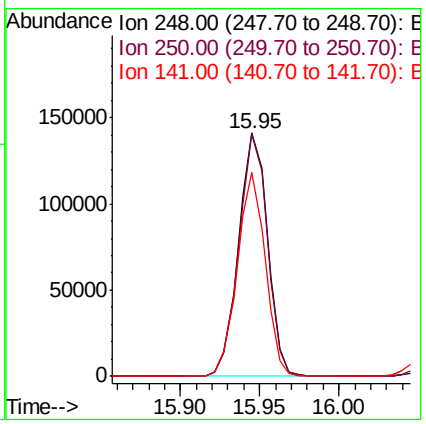


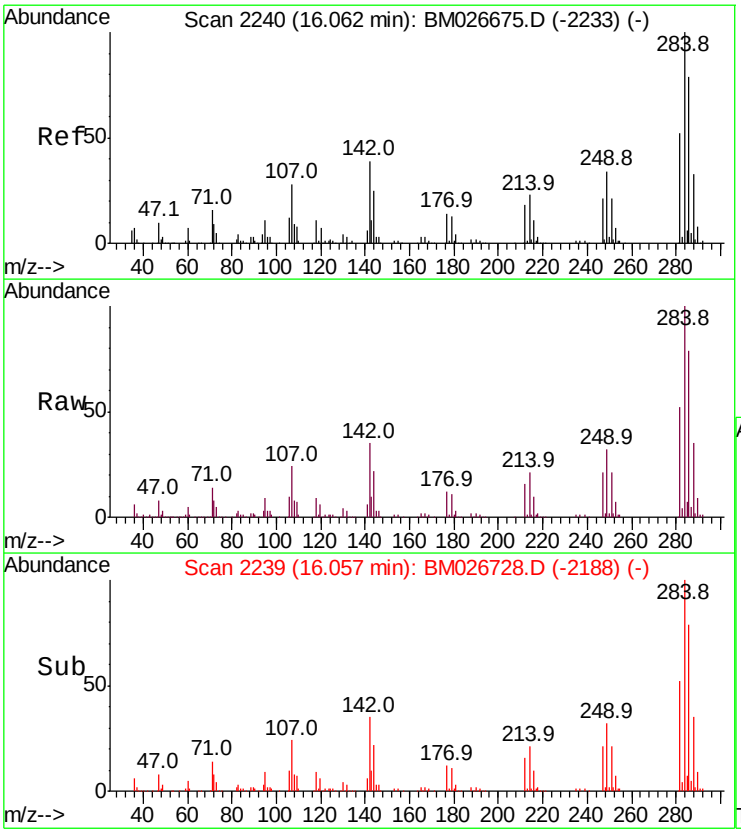
#67
4-Bromophenyl-phenylether
Concen: 43.985 ng
RT: 15.95 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:248 Resp: 178420

Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.4	116.2
141	83.5	61.9	92.9

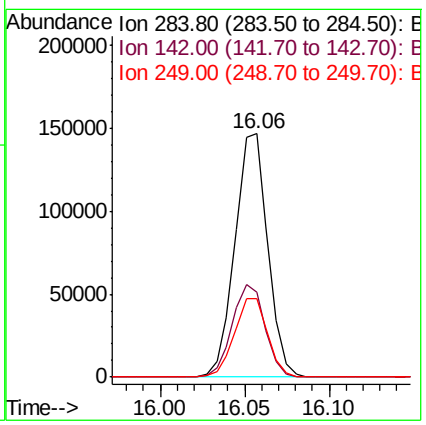


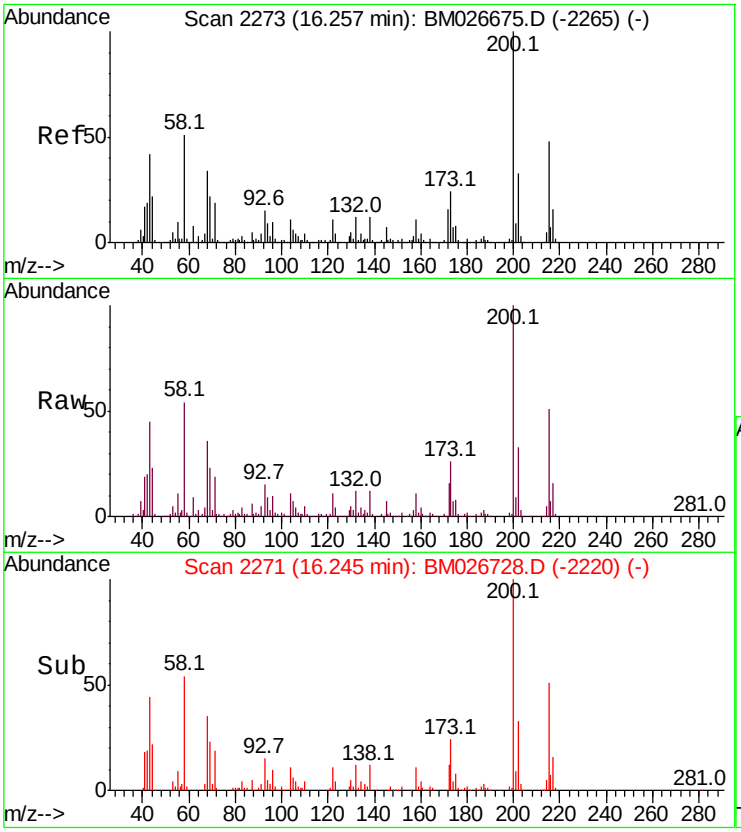


#68
Hexachlorobenzene
Concen: 46.475 ng
RT: 16.06 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:284 Resp: 198414

Ion	Ratio	Lower	Upper
284	100		
142	34.7	31.1	46.7
249	32.3	27.4	41.0



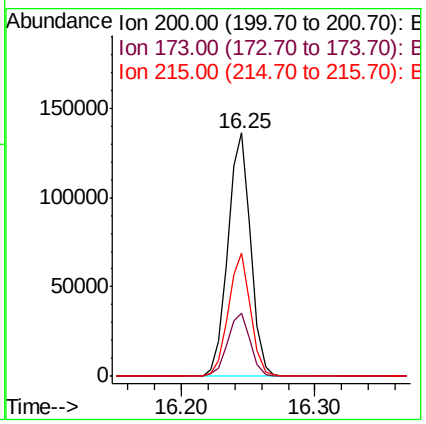


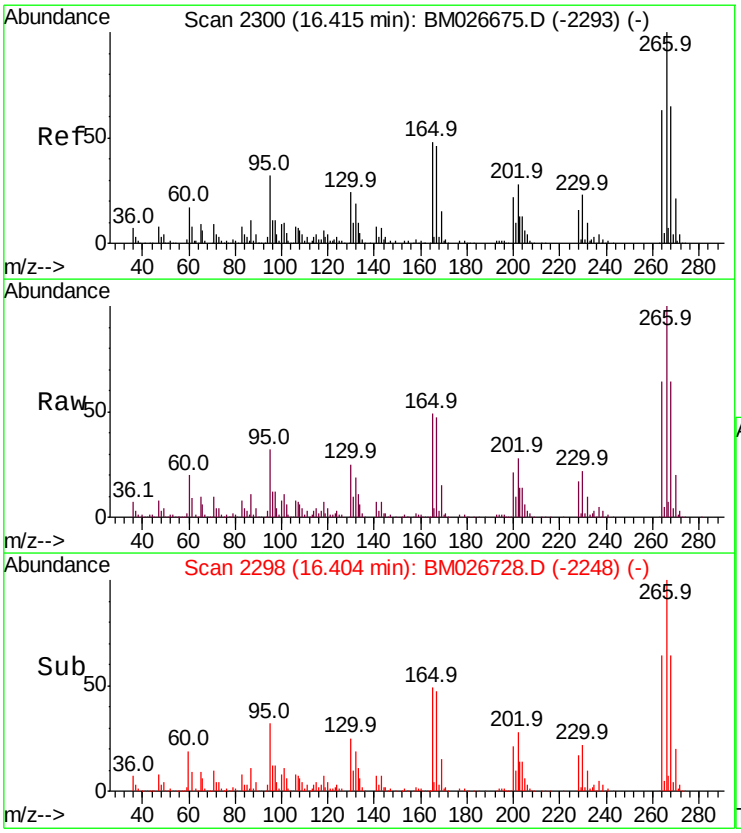
#69
Atrazine
Concen: 52.292 ng
RT: 16.25 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:200 Resp: 162850

Ion	Ratio	Lower	Upper
200	100		
173	26.1	4.5	44.5
215	50.6	28.4	68.4

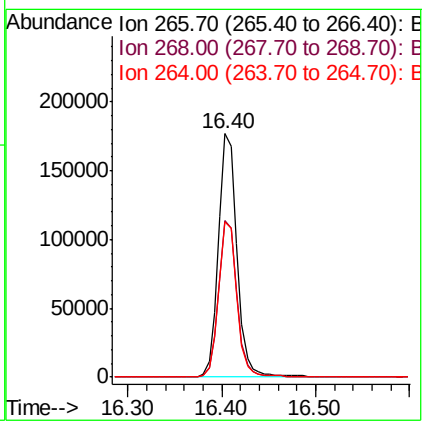


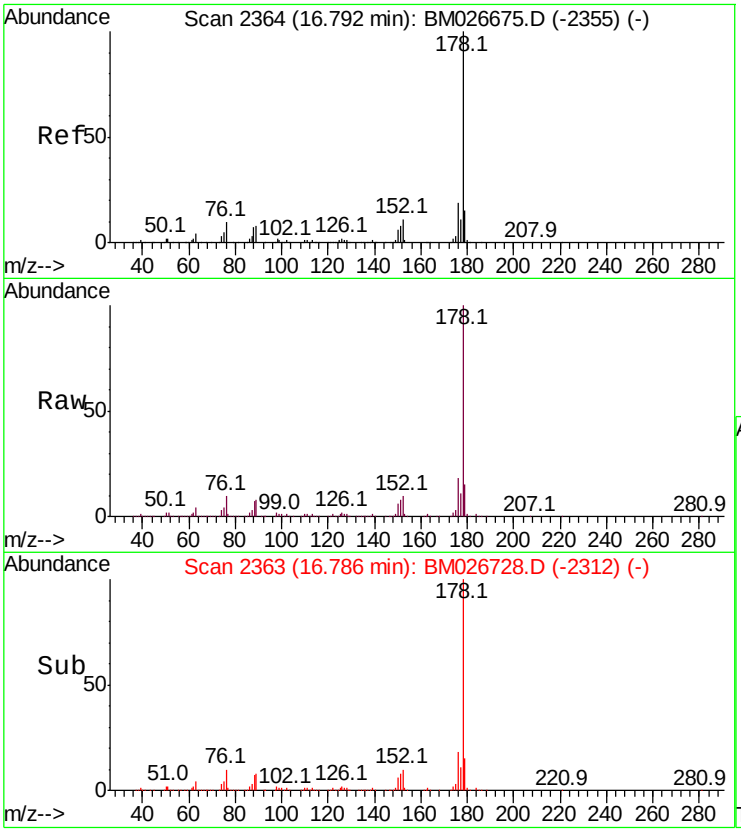


#70
Pentachlorophenol
Concen: 101.379 ng
RT: 16.40 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:266 Resp: 244851

Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.8	77.6
264	63.7	50.1	75.1



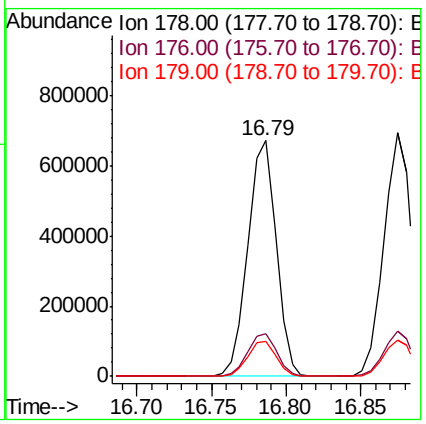


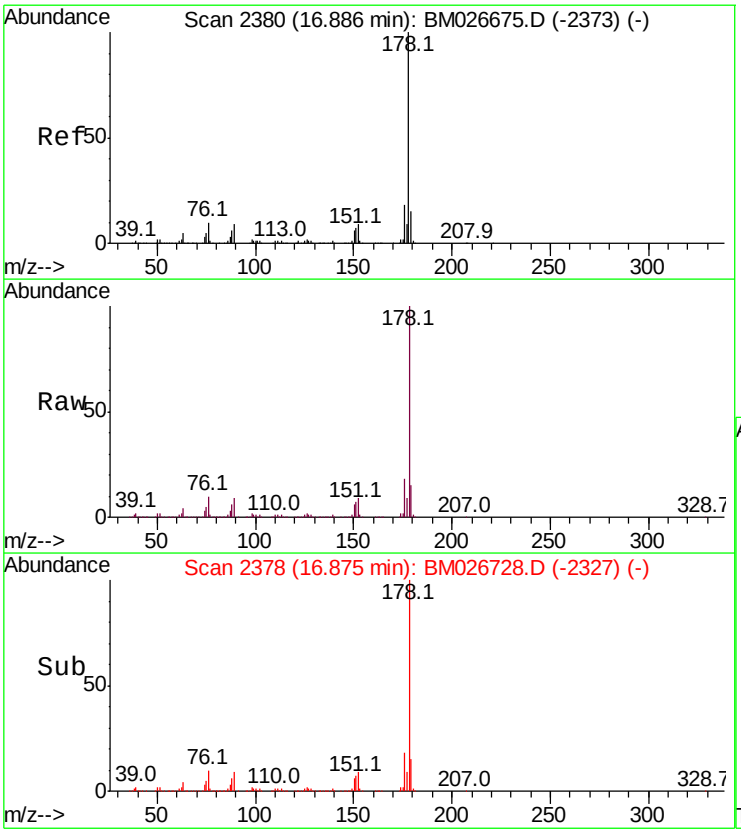
#71
Phenanthrene
Concen: 45.764 ng
RT: 16.79 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:178 Resp: 880457

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.1	12.1	18.1

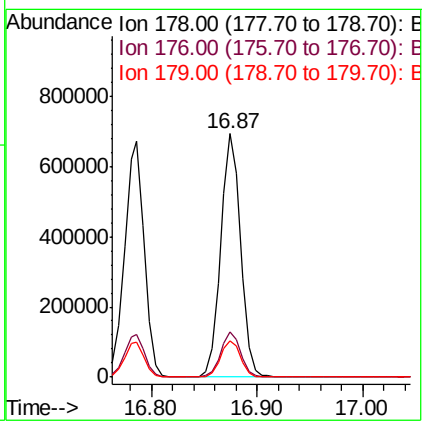


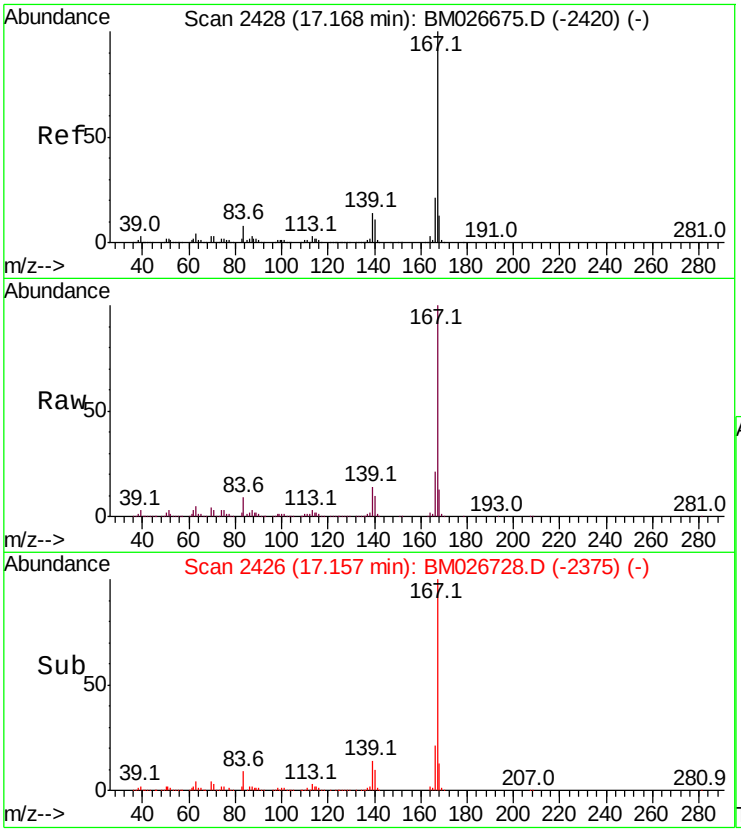


#72
Anthracene
Concen: 47.328 ng
RT: 16.87 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:178 Resp: 906451

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.1	12.1	18.1



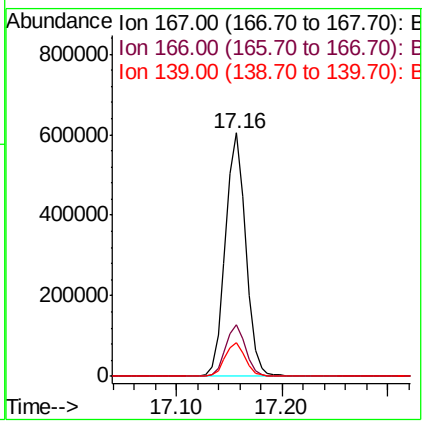


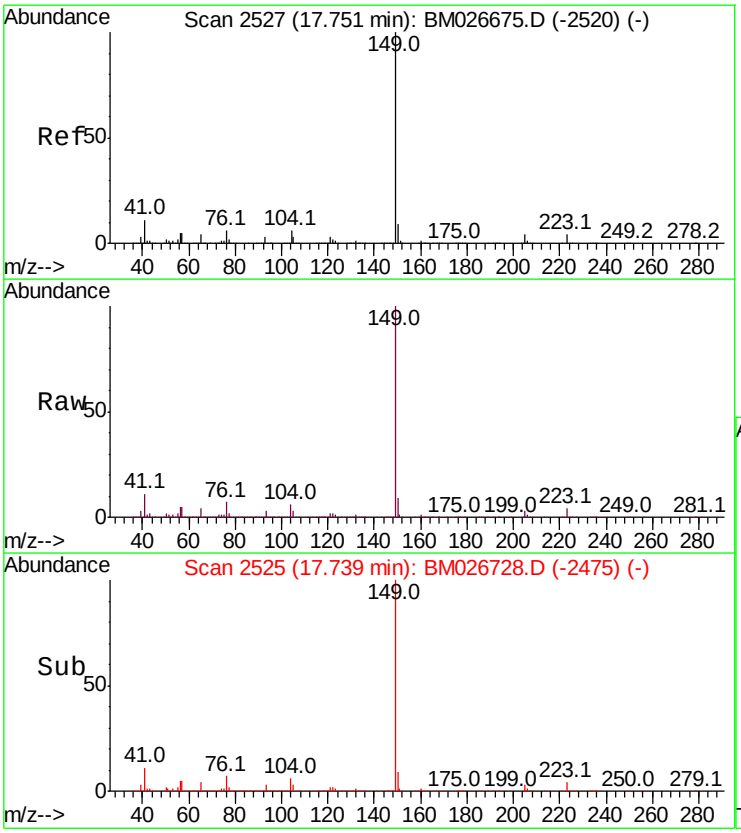
#73
Carbazole
Concen: 44.029 ng
RT: 17.16 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:167 Resp: 803950

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.9	25.3
139	13.8	10.8	16.2

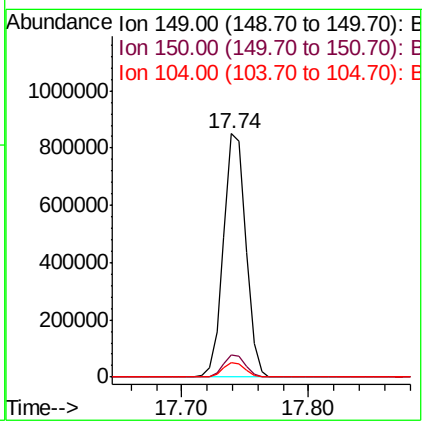


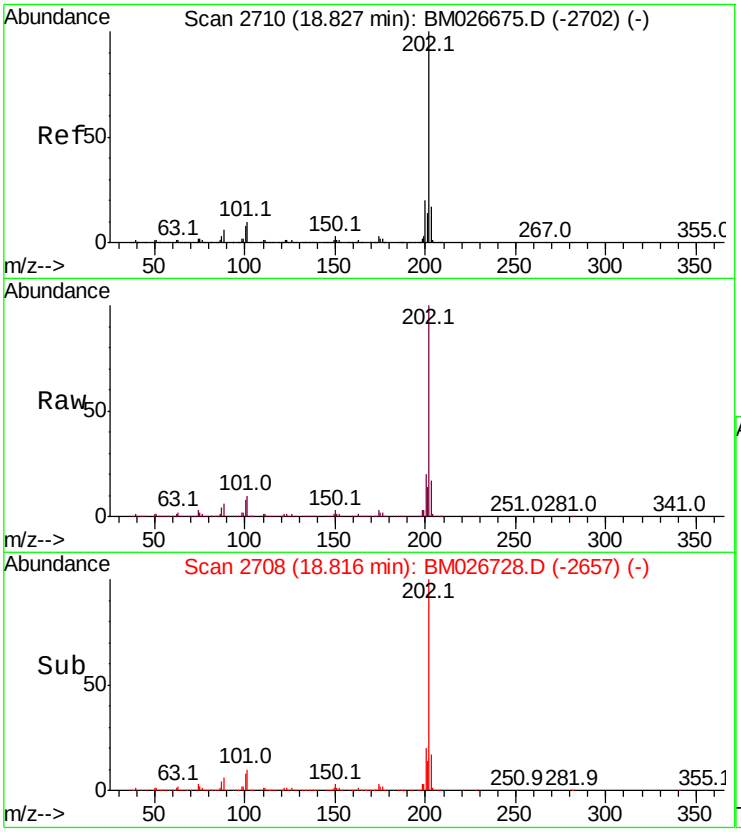


#74
Di-n-butylphthalate
Concen: 45.136 ng
RT: 17.74 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:149 Resp: 1036300

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.9	5.0	7.4



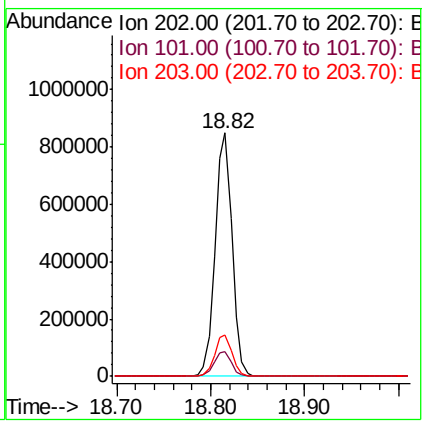


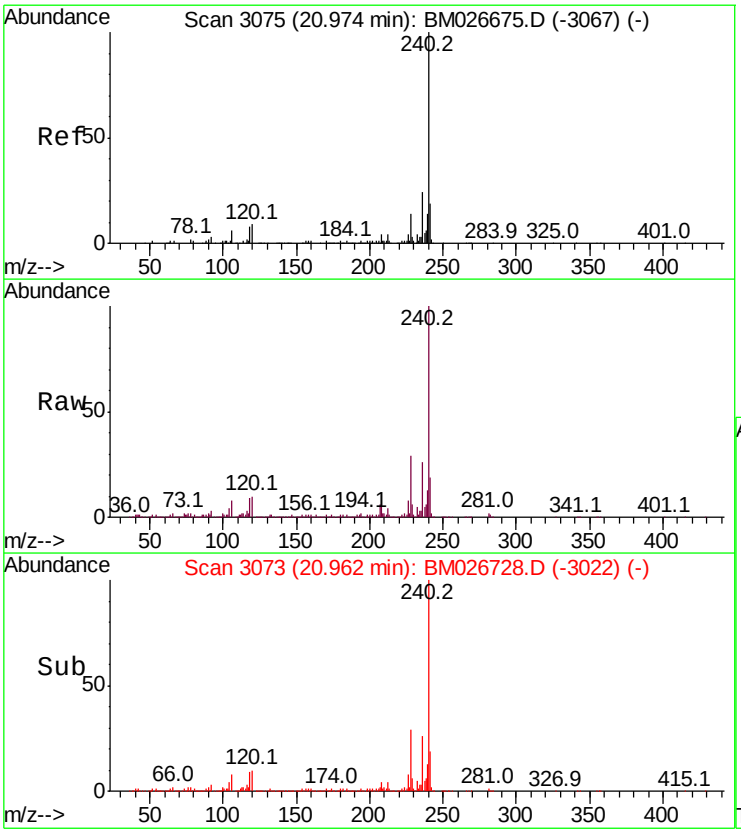
#75
Fluoranthene
Concen: 45.201 ng
RT: 18.82 min Scan# 2708
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:202 Resp: 1071087

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.1
203	17.0	0.0	37.2

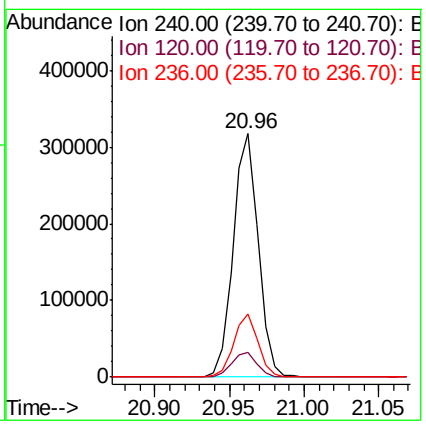


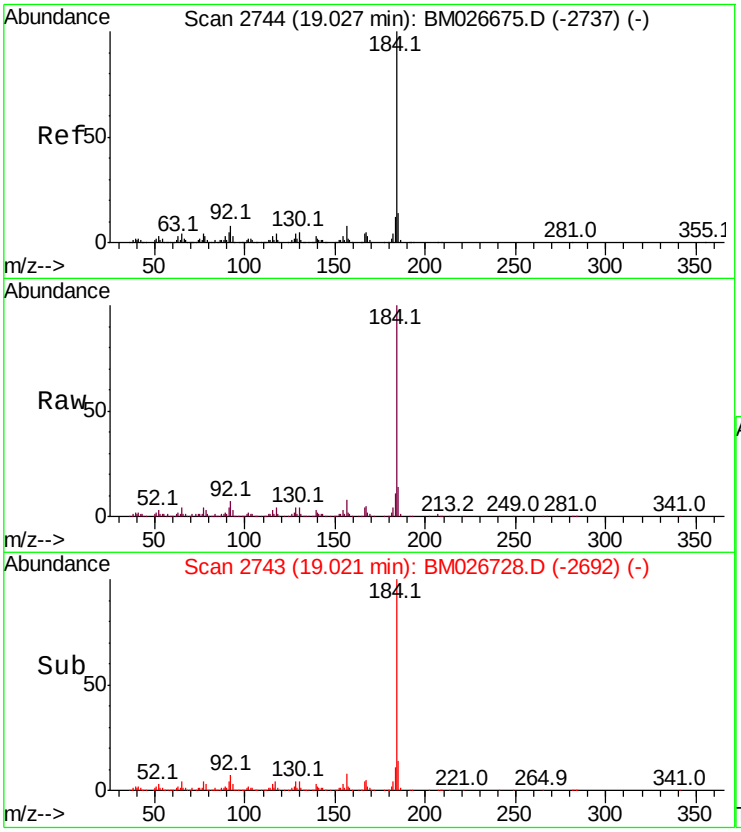


#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3073
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:240 Resp: 372670

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.3	10.9
236	25.7	19.4	29.2



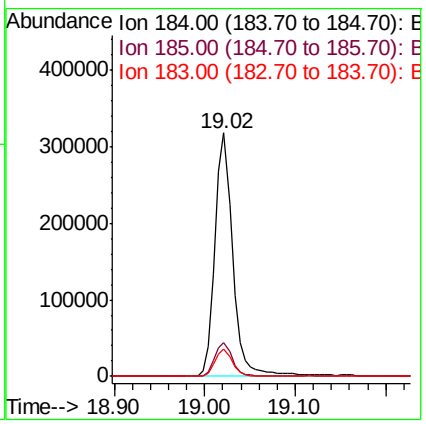


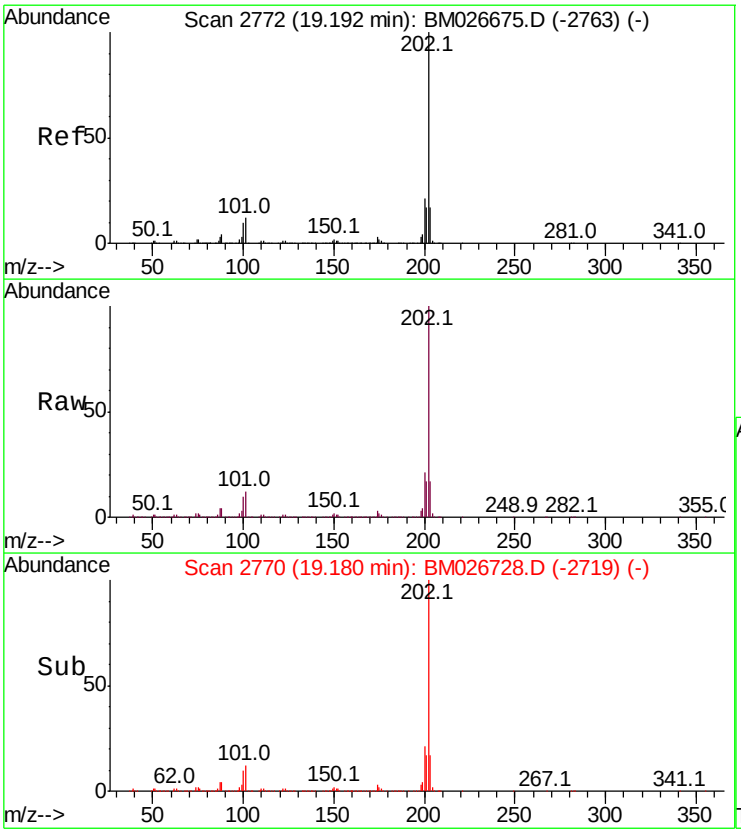
#77
Benzidine
Concen: 59.125 ng
RT: 19.02 min Scan# 2743
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:184 Resp: 434400

Ion	Ratio	Lower	Upper
184	100		
185	13.8	10.9	16.3
183	11.4	9.3	13.9

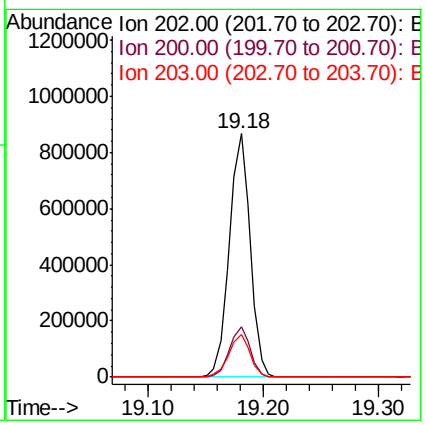


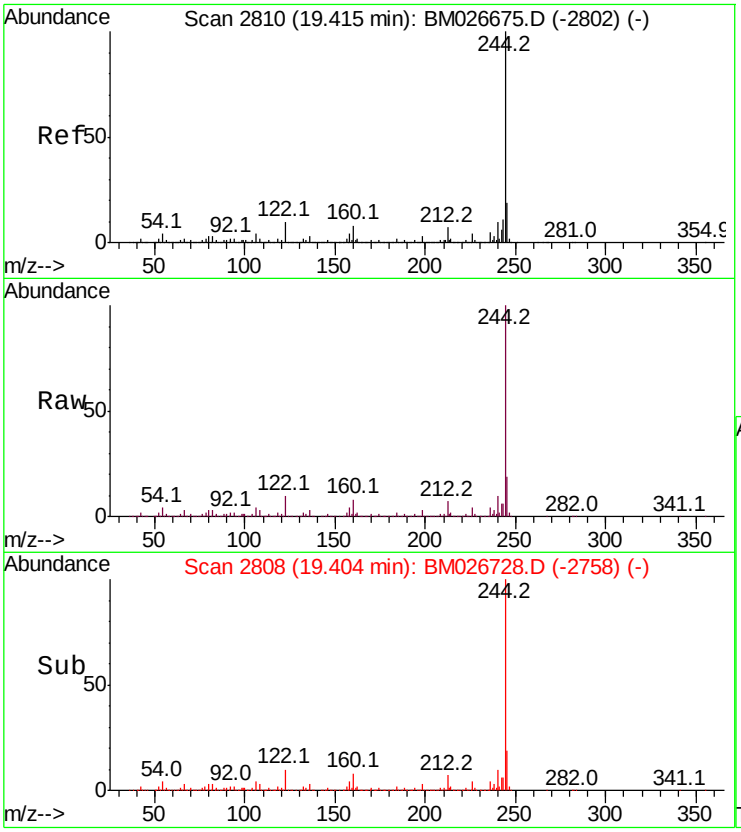


#78
Pyrene
Concen: 46.310 ng
RT: 19.18 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:202 Resp: 1087176

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.5	13.7	20.5



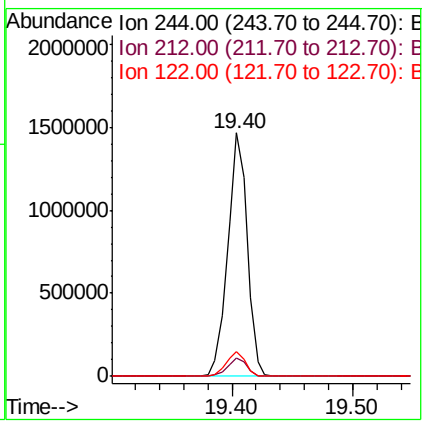


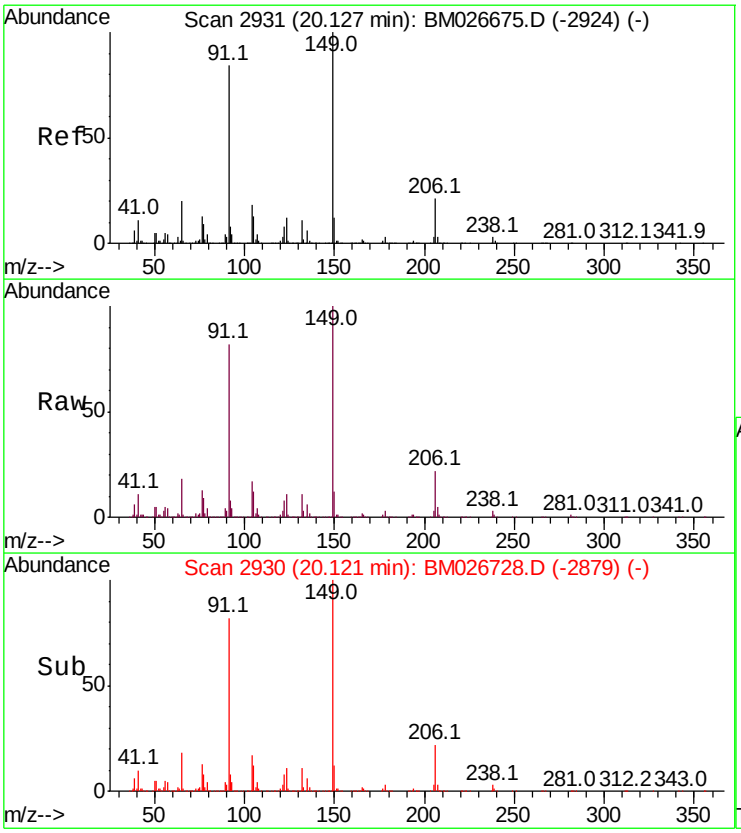
#79
Terphenyl-d14
Concen: 86.746 ng
RT: 19.40 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:244 Resp: 1642655

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.4	8.2	12.4

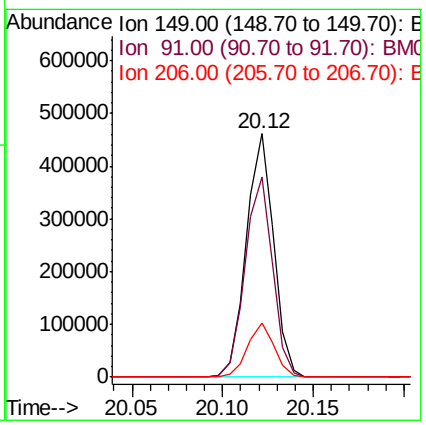


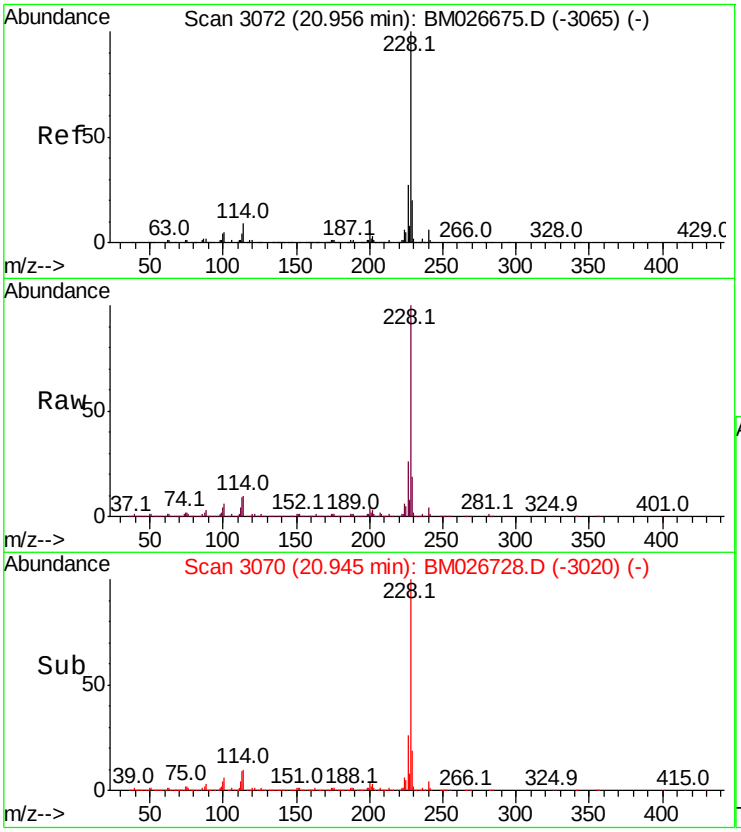


#80
Butylbenzylphthalate
Concen: 45.806 ng
RT: 20.12 min Scan# 2930
Delta R.T. 0.00 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:149 Resp: 482571

Ion	Ratio	Lower	Upper
149	100		
91	82.0	67.6	101.4
206	22.1	16.7	25.1



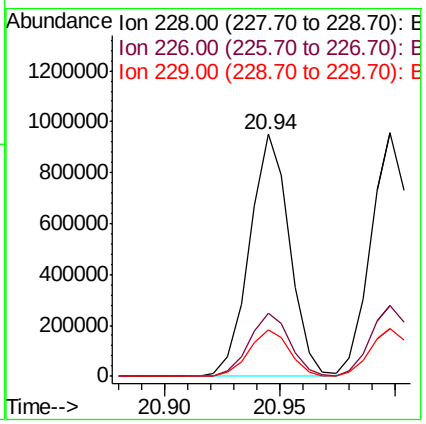


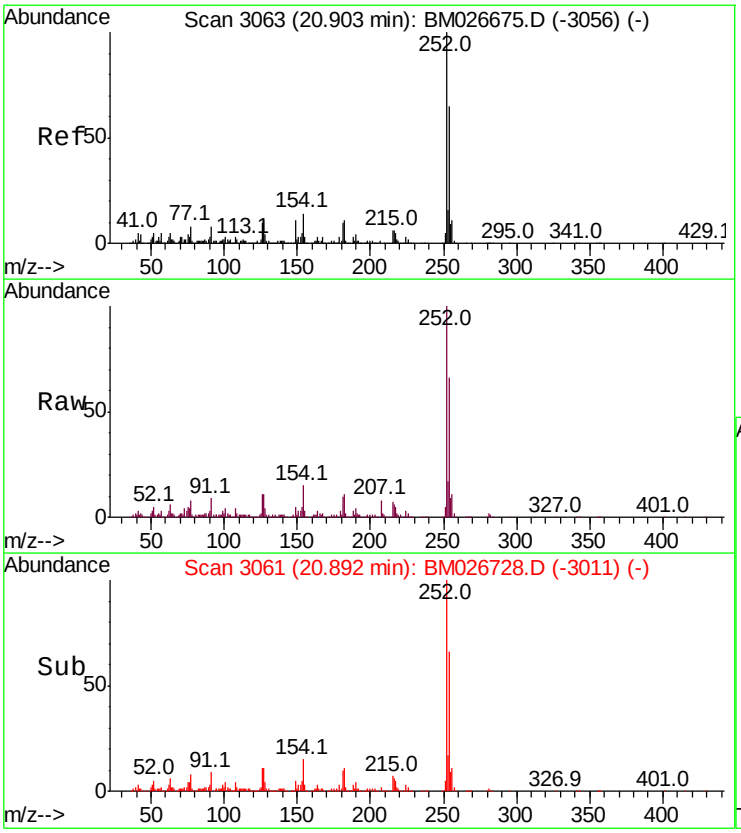
#81
Benzo(a)anthracene
Concen: 45.837 ng
RT: 20.94 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:228 Resp: 1147446

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.4	32.2
229	19.3	15.6	23.4

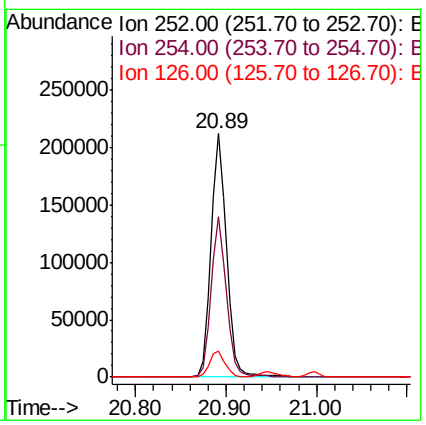


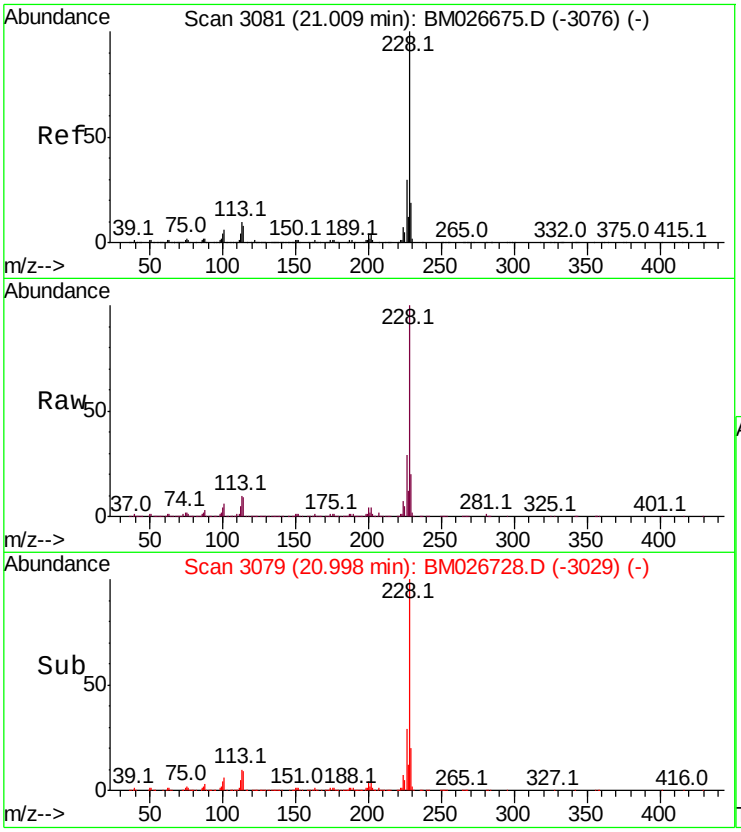


#82
3,3'-Dichlorobenzidine
Concen: 32.140 ng
RT: 20.89 min Scan# 3061
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:252 Resp: 255357

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.9	77.9
126	10.8	8.2	12.2



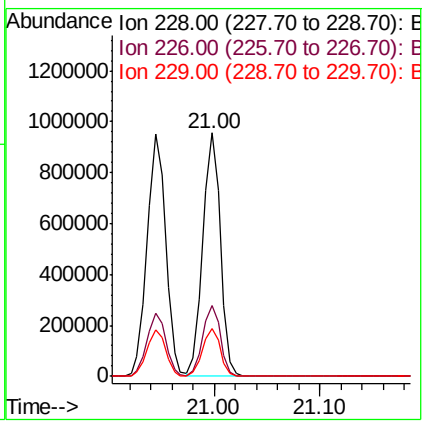


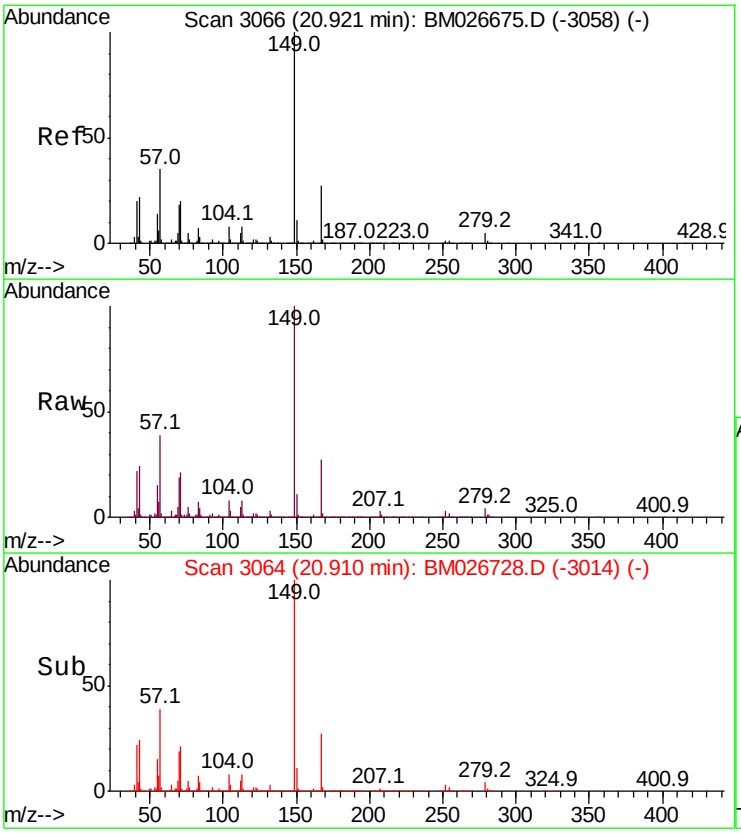
#83
Chrysene
Concen: 45.676 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:228 Resp: 1112897

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	19.7	15.4	23.0

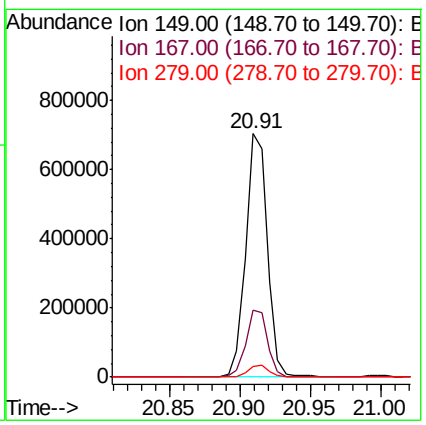


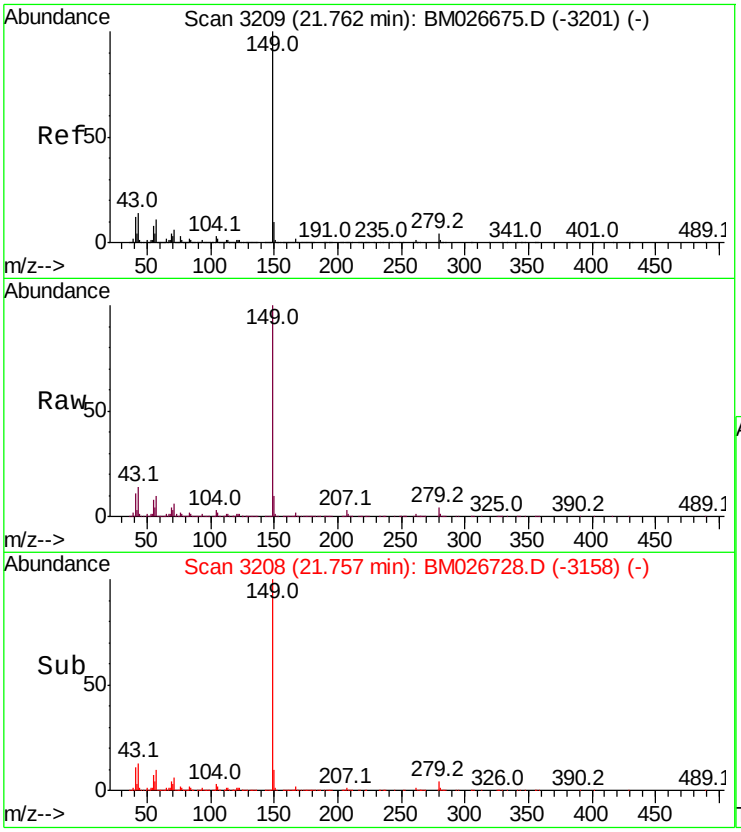


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.698 ng
RT: 20.91 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:149 Resp: 754373

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.9	32.9
279	4.2	3.7	5.5



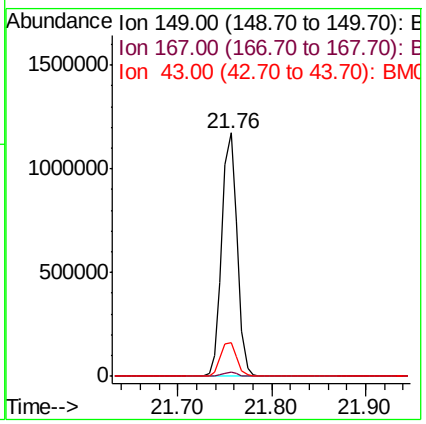


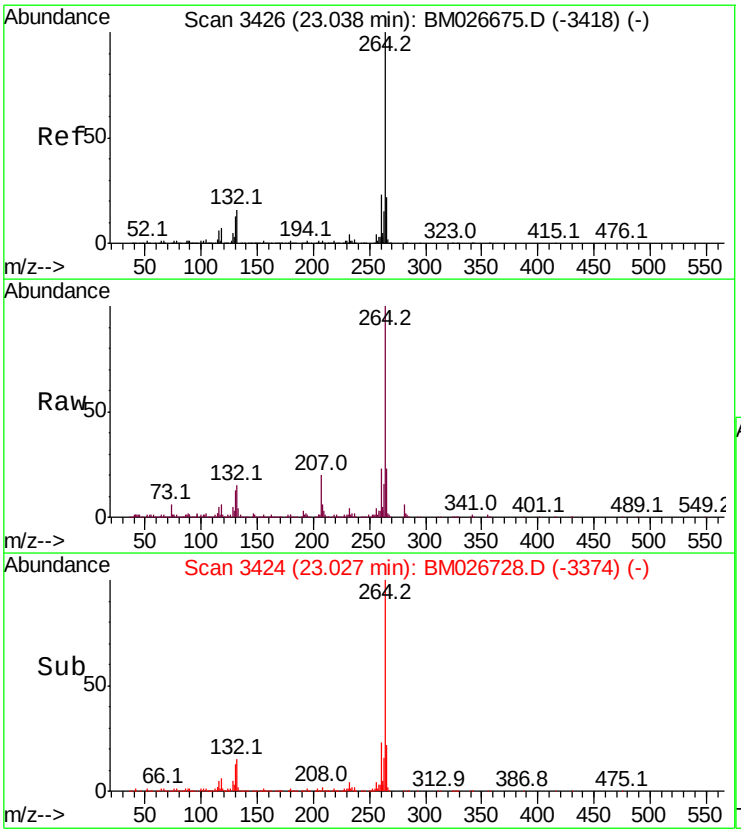
#85
Di-n-octyl phthalate
Concen: 46.326 ng
RT: 21.76 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:149 Resp: 1336374

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	14.3	11.2	16.8

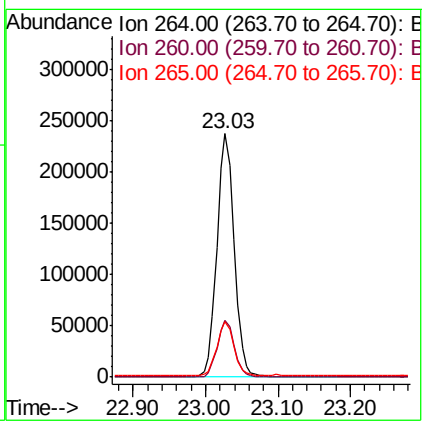


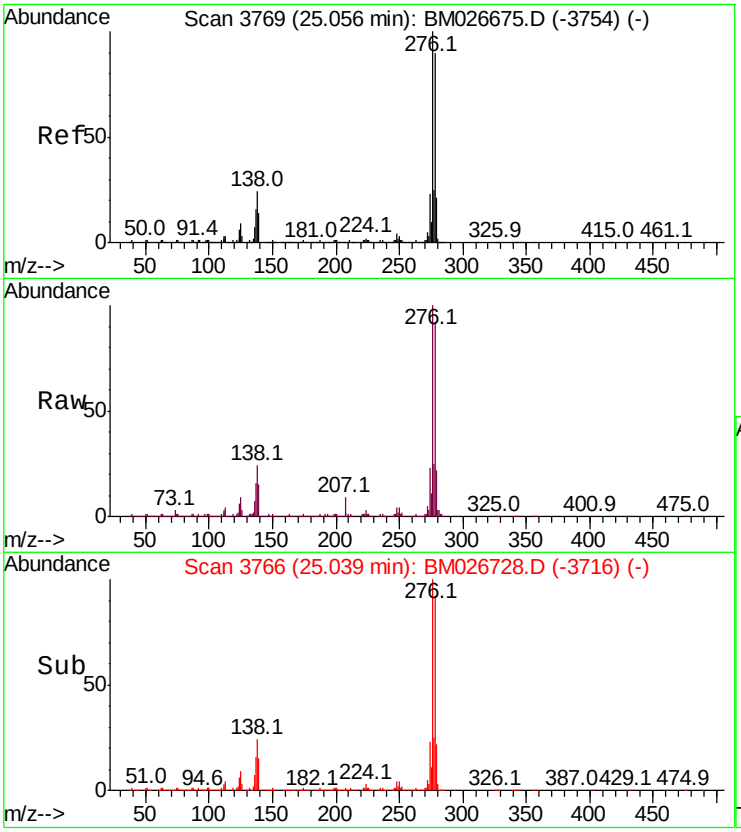


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.03 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:264 Resp: 395274

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.8	17.6	26.4



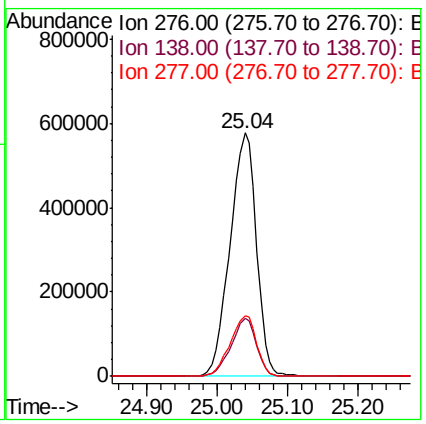


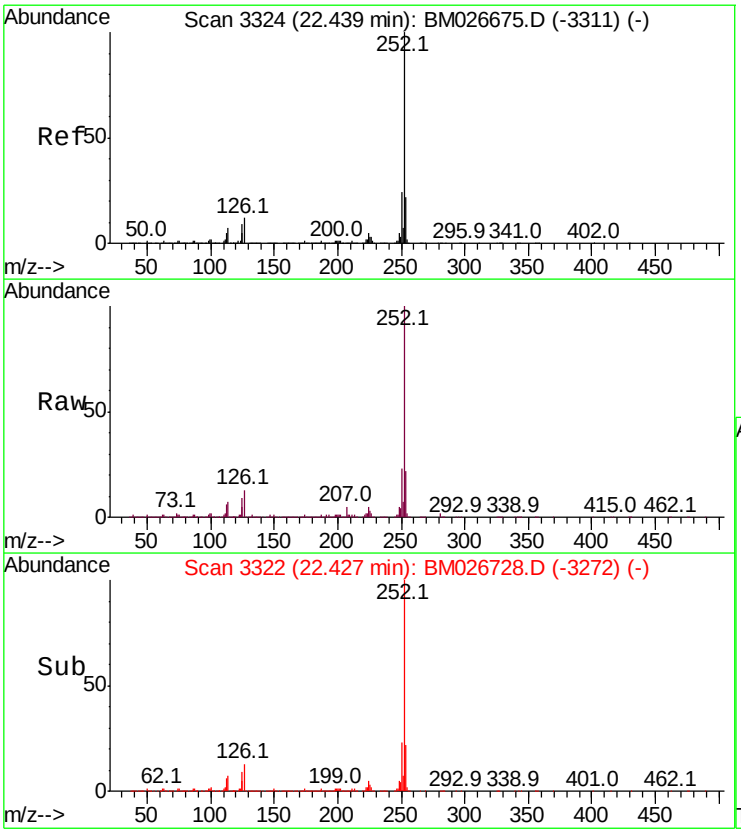
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.464 ng
RT: 25.04 min Scan# 3766
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:276 Resp: 1504464

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.4	27.6
277	25.1	20.0	30.0

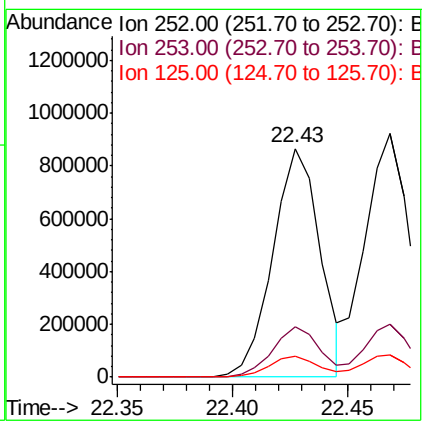


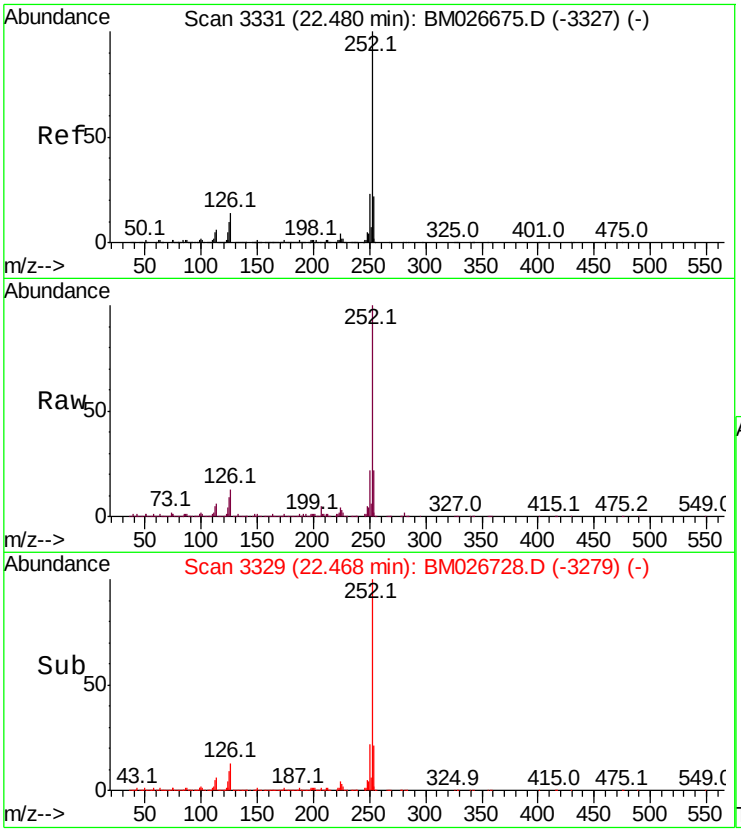


#88
Benzo(b)fluoranthene
Concen: 47.157 ng
RT: 22.43 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:252 Resp: 1228165

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.0	7.5	11.3



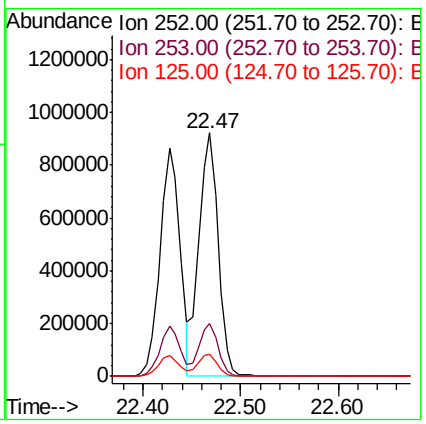


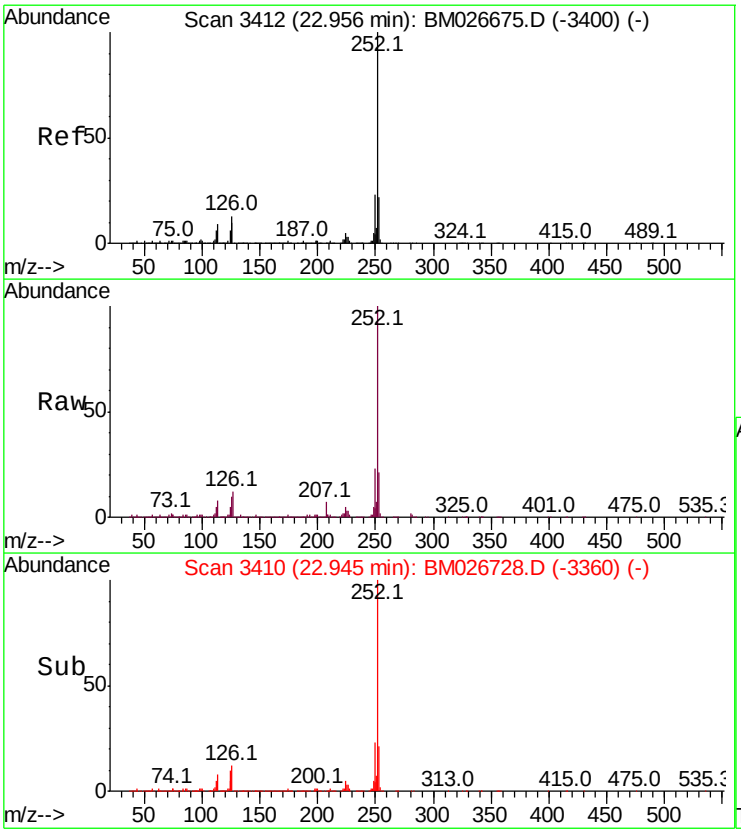
#89
Benzo(k)fluoranthene
Concen: 49.285 ng
RT: 22.47 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

Tgt Ion:252 Resp: 1259077

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	8.9	7.8	11.8

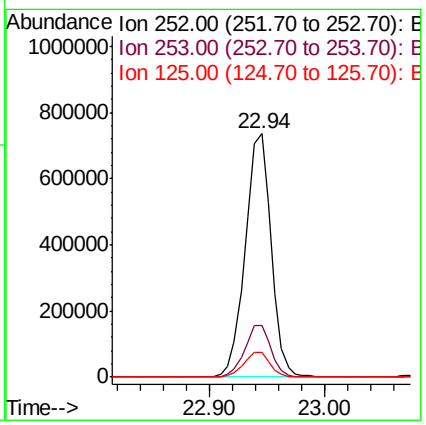


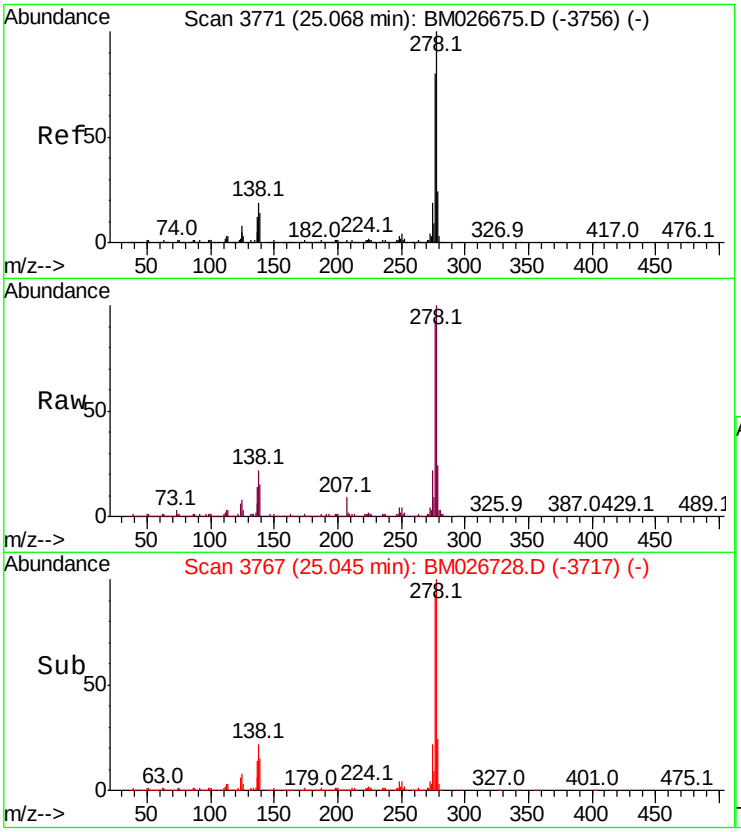


#90
Benzo(a)pyrene
Concen: 47.427 ng
RT: 22.94 min Scan# 3410
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:252 Resp: 1146696

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	9.9	8.2	12.4



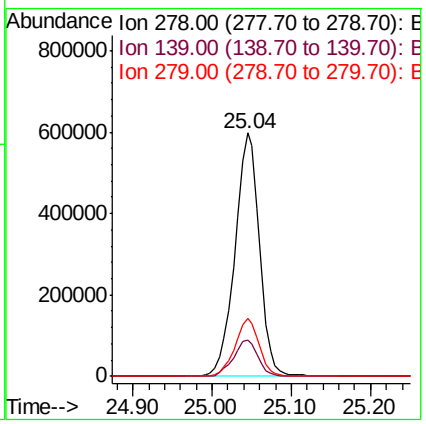


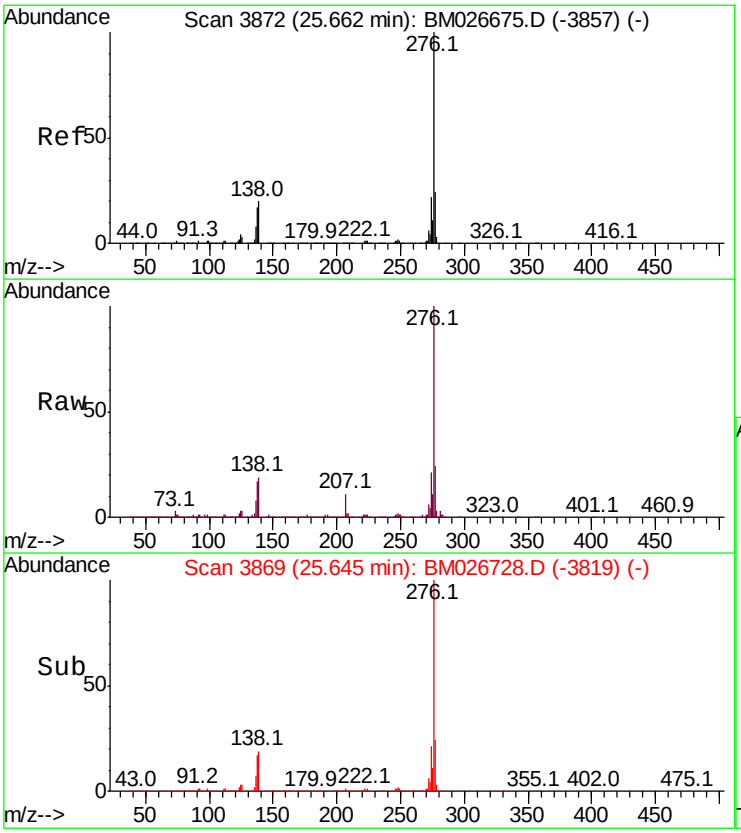
#91
Dibenzo(a,h)anthracene
Concen: 53.605 ng
RT: 25.04 min Scan# 3767
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUMMS

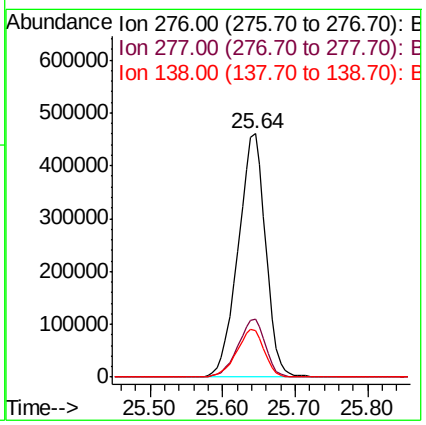
Tgt Ion:278 Resp: 1273387

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.2	16.8
279	23.7	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 55.398 ng
RT: 25.64 min Scan# 3869
Delta R.T. -0.01 min
Lab File: BM026728.D
Acq: 10 Jul 2020 11:31

Tgt Ion:276 Resp: 1212527

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	19.1	15.8	23.8