Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026682.D
Acq On : 07 Jul 2020 18:11
Operator : JU/CG
Sample : PB129891BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB129891BL

Quant Time: Jul 07 18:47:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 16:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	111763	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	493658	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	343462	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	790678	20.00	ng		0.00
76) Chrysene-d12	20.97	240	915315	20.00	ng		0.00
86) Perylene-d12	23.04	264	1003686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	840656	126.07	ng		0.00
7) Phenol-d6	6.54	99	1225284	115.33	ng		0.00
23) Nitrobenzene-d5	8.48	82	988478	85.43	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	682892	136.49	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	2173194	84.13	ng		0.00
79) Terphenyl-d14	19.42	244	4780554	102.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	154	0.048	ng	#	13
3) Pyridine	3.48	79	115	0.013	ng	#	1
4) n-Nitrosodimethylamine	3.24	42	279	0.051	ng	#	1
9) Benzaldehyde	6.54	77	2483	0.421	ng	#	7
10) Phenol	6.54	94	66	0.006	ng	#	1
15) Benzyl Alcohol	7.64	79	16027	1.763	ng	#	54
16) 2,2'-oxybis(1-Chloropropan	7.59	45	59	0.003	ng		73
24) Nitrobenzene	8.48	77	3916	0.322	ng	#	39
25) Isophorone	9.03	82	59	0.003	ng	#	69
46) 1,1'-Biphenyl	12.82	154	3919	0.144	ng		86
52) Acenaphthene	13.99	154	1102	0.052	ng	#	5
60) Diethylphthalate	14.86	149	75	0.002	ng	#	59
63) Azobenzene	15.50	77	5124	0.150	ng	#	11
66) n-Nitrosodiphenylamine	15.50	169	24905	0.991	ng	#	48
71) Phenanthrene	16.79	178	81	0.002	ng	#	61
72) Anthracene	16.79	178	81	0.002	ng	#	61
74) Di-n-butylphthalate	17.75	149	488	0.009	ng	#	78
78) Pyrene	19.42	202	18890	0.328	ng	#	70
80) Butylbenzylphthalate	20.11	149	189	0.007	ng	#	17
81) Benzo(a)anthracene	20.97	228	2503	0.041	ng	#	68
82) 3,3'-Dichlorobenzidine	20.98	252	60	0.003	ng	#	1
83) Chrysene	21.00	228	151	0.003	ng	#	50
84) Bis(2-ethylhexyl)phthalate	20.92	149	1974	0.048	ng	#	87
85) Di-n-octyl phthalate	21.74	149	297	0.004	ng	#	69
87) Indeno(1,2,3-cd)pyrene	25.06	276	53	0.001	ng	#	51
88) Benzo(b)fluoranthene	22.47	252	709	0.011	ng	#	1
89) Benzo(k)fluoranthene	22.49	252	756	0.012	ng	#	1
90) Benzo(a)pyrene	22.97	252	2324	0.038	ng	#	1

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

Quantitation Report (LSC Reviewed)

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Instrument :
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PB129891BL

Quant Time: Jul 07 18:47:32 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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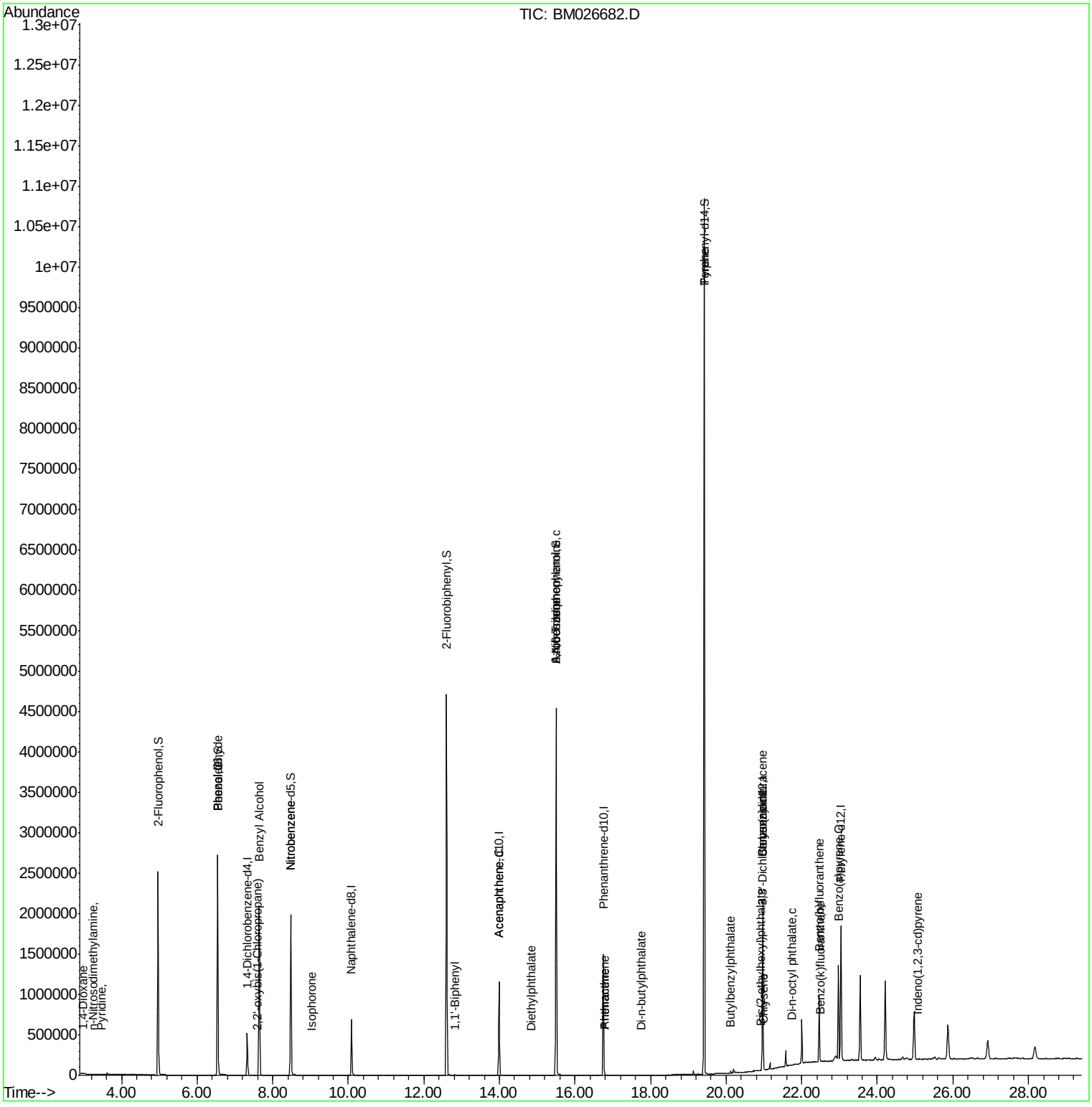
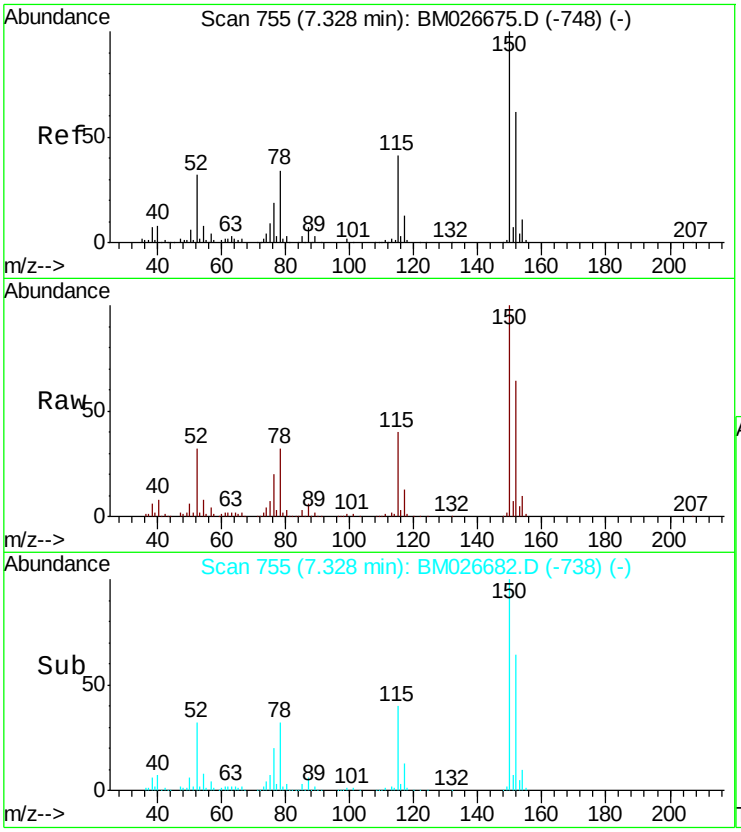


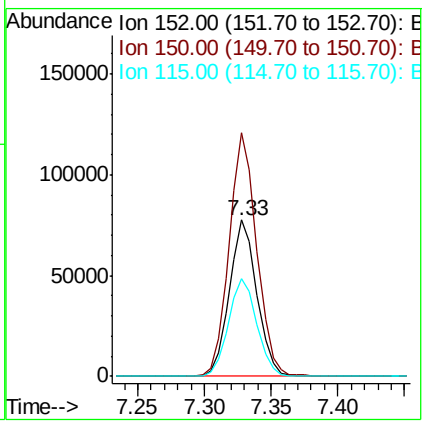


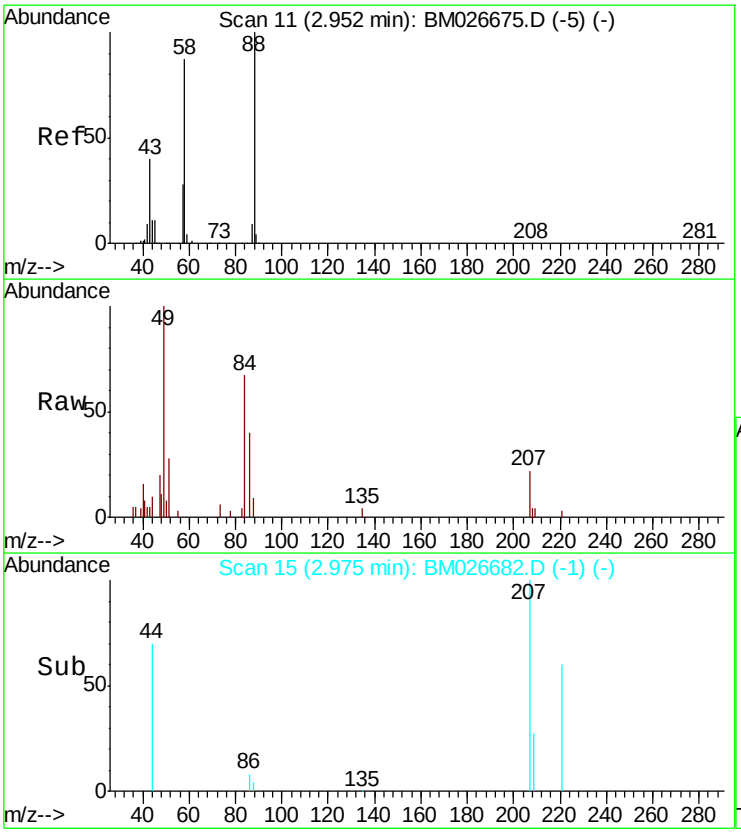
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:152 Resp: 111763

Ion	Ratio	Lower	Upper
152	100		
150	155.6	128.1	192.1
115	62.1	52.2	78.4

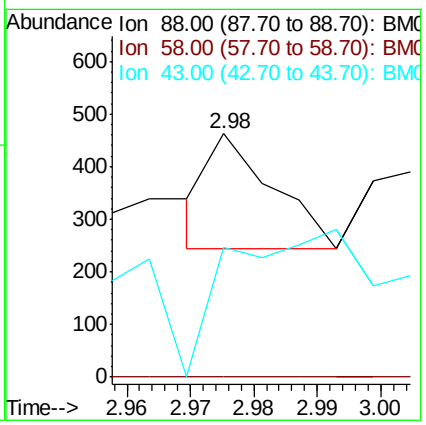


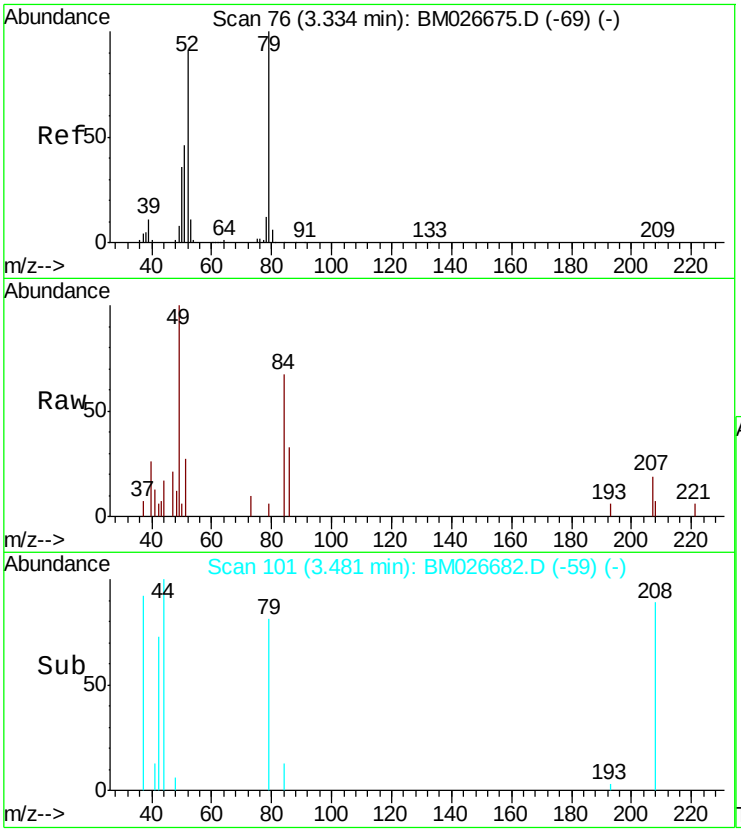


#2
1,4-Dioxane
Concen: 0.048 ng
RT: 2.98 min Scan# 15
Delta R.T. 0.02 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion: 88 Resp: 154

Ion	Ratio	Lower	Upper
88	100		
58	0.0	73.2	109.8#
43	0.0	34.3	51.5#



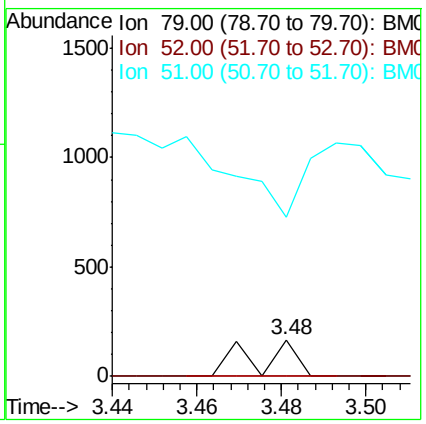


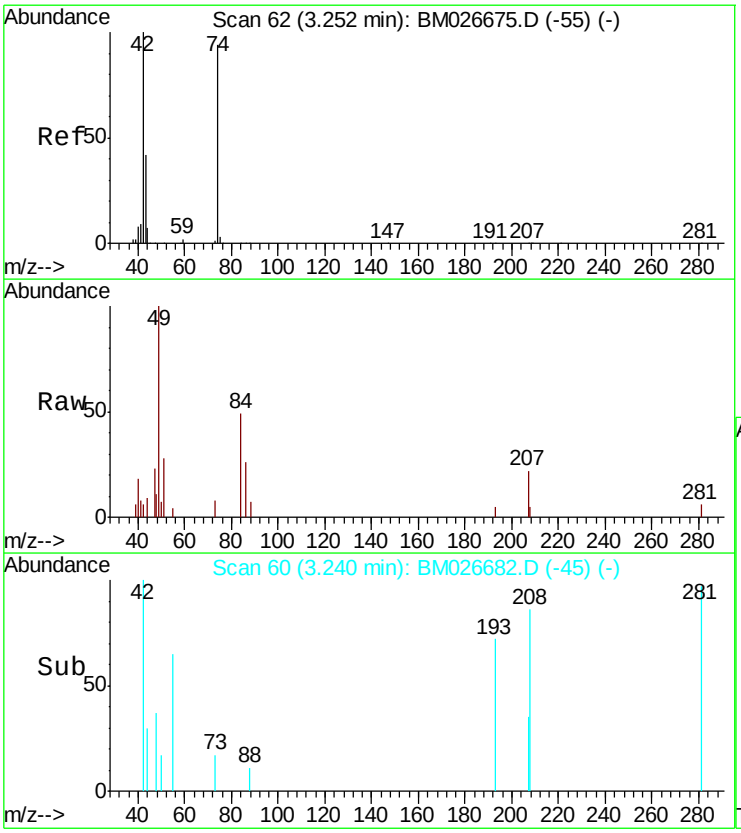
#3
Pyridine
Concen: 0.013 ng
RT: 3.48 min Scan# 101
Delta R.T. 0.15 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion: 79 Resp: 115

Ion	Ratio	Lower	Upper
79	100		
52	0.0	72.9	109.3#
51	438.0	37.6	56.4#

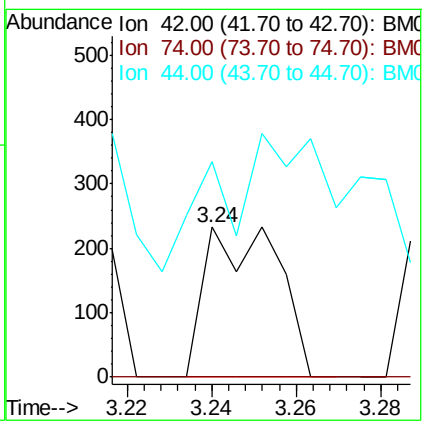


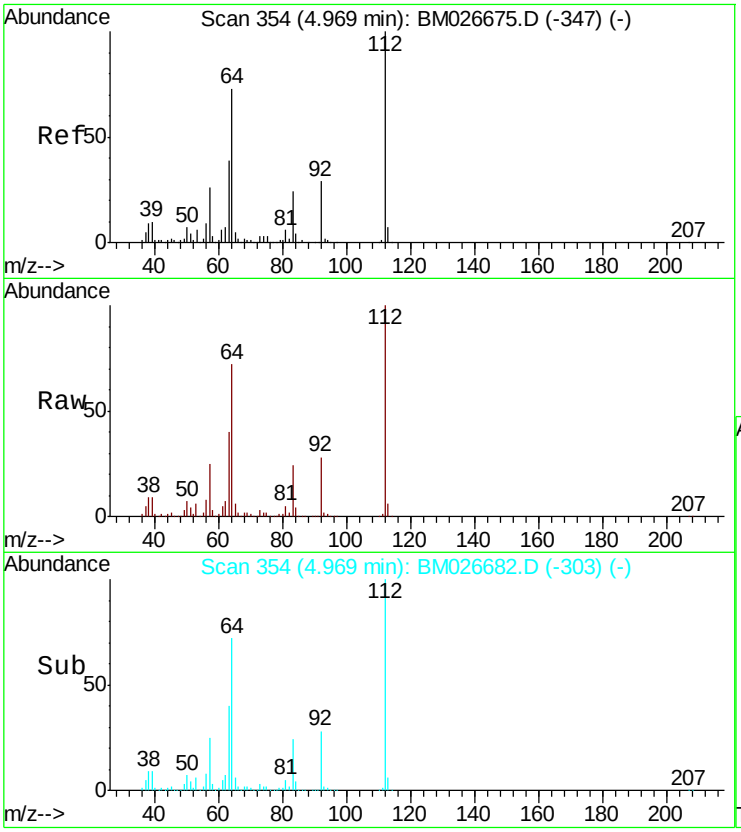


#4
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.24 min Scan# 60
Delta R.T. -0.01 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion: 42 Resp: 279

Ion	Ratio	Lower	Upper
42	100		
74	0.0	75.1	112.7#
44	143.3	5.7	8.5#



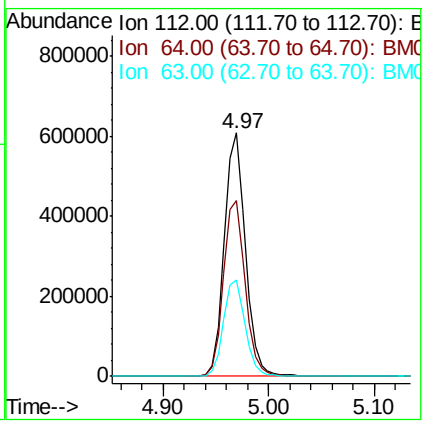


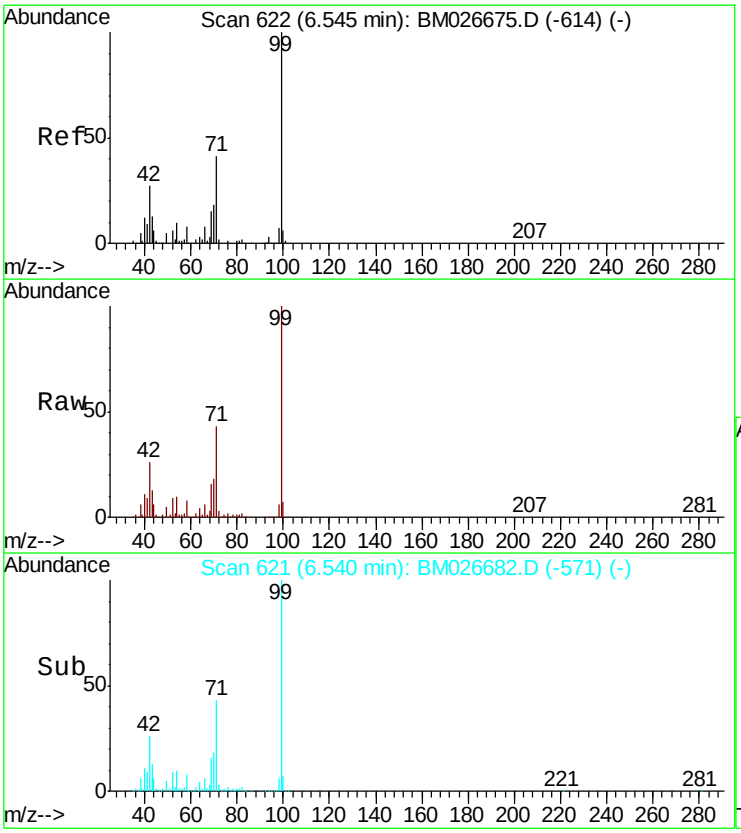
#5
2-Fluorophenol
Concen: 126.072 ng
RT: 4.97 min Scan# 354
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:112 Resp: 840656

Ion	Ratio	Lower	Upper
112	100		
64	72.0	58.4	87.6
63	39.6	31.5	47.3

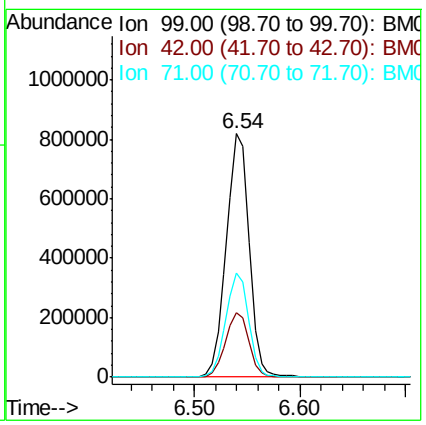


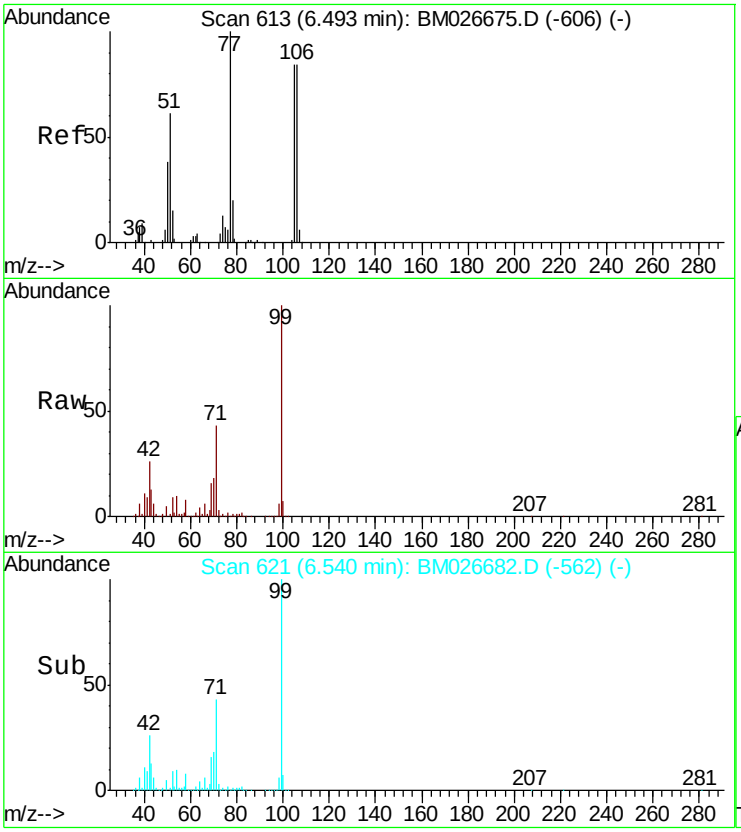


#7
Phenol-d6
Concen: 115.333 ng
RT: 6.54 min Scan# 621
Delta R.T. -0.01 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion: 99 Resp: 1225284

Ion	Ratio	Lower	Upper
99	100		
42	26.3	21.7	32.5
71	42.9	33.2	49.8



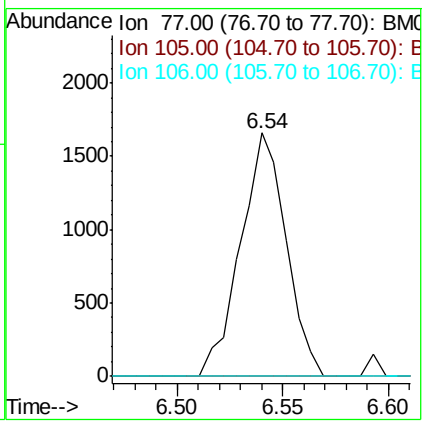


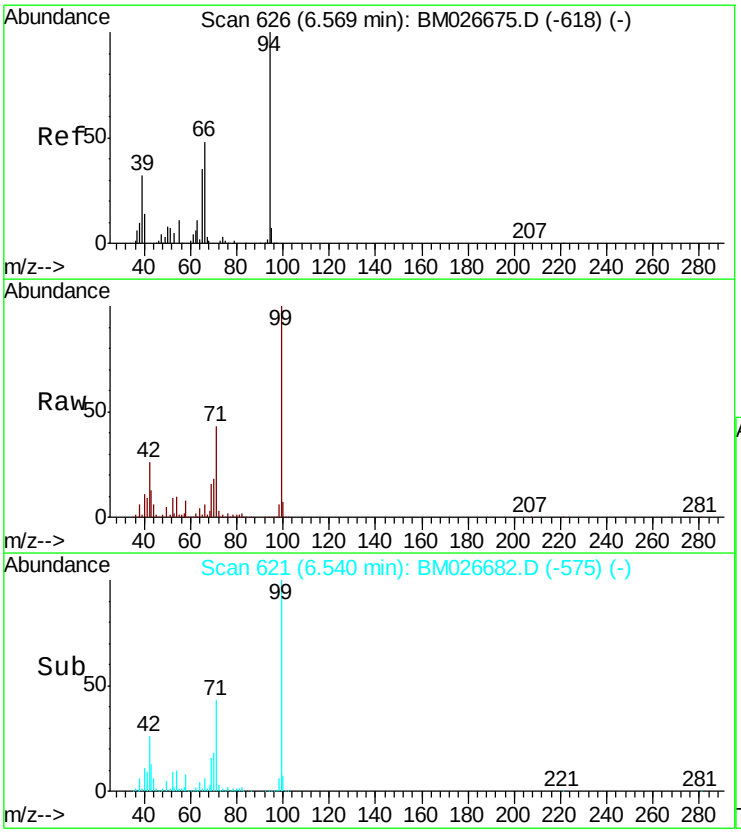
#9
Benzaldehyde
Concen: 0.421 ng
RT: 6.54 min Scan# 621
Delta R.T. 0.05 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion: 77 Resp: 2483

Ion	Ratio	Lower	Upper
77	100		
105	0.0	64.4	104.4#
106	0.0	64.3	104.3#

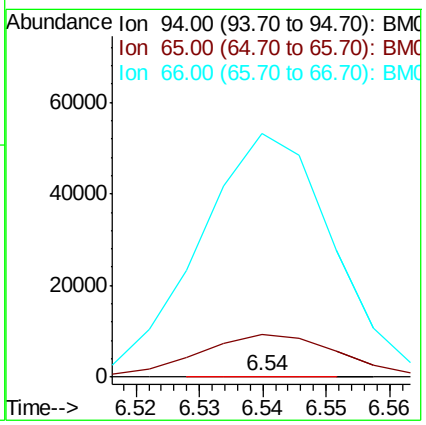


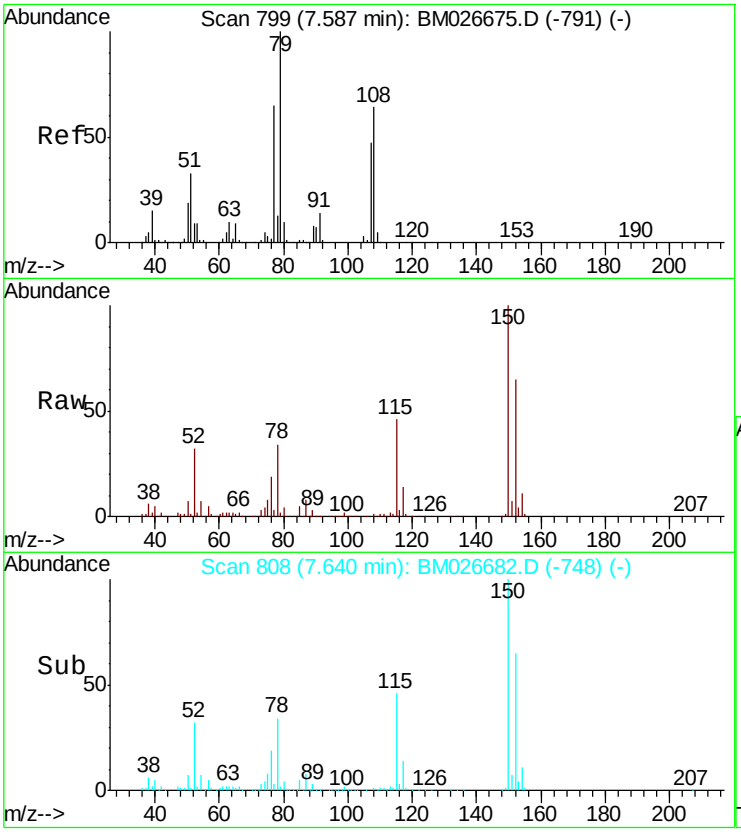


#10
Phenol
Concen: 0.006 ng
RT: 6.54 min Scan# 621
Delta R.T. -0.03 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion: 94 Resp: 66

Ion	Ratio	Lower	Upper
94	100		
65	4978.6	15.5	55.5#
66	28440.6	29.8	69.8#



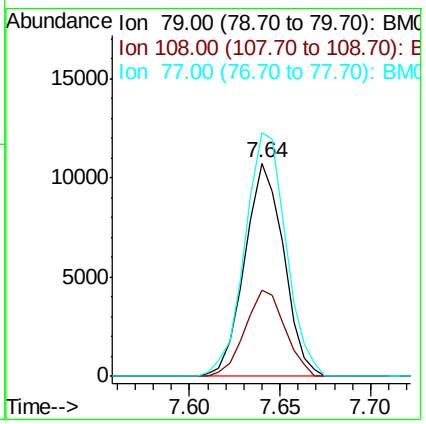


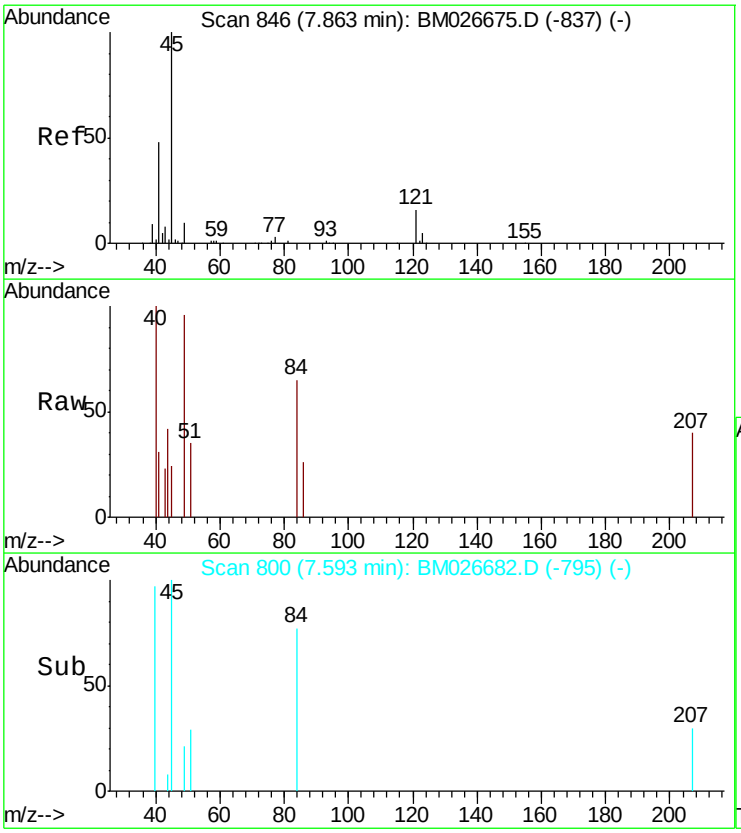
#15
Benzyl Alcohol
Concen: 1.763 ng
RT: 7.64 min Scan# 808
Delta R.T. 0.05 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion: 79 Resp: 16027

Ion	Ratio	Lower	Upper
79	100		
108	40.7	51.0	76.4#
77	114.3	52.1	78.1#

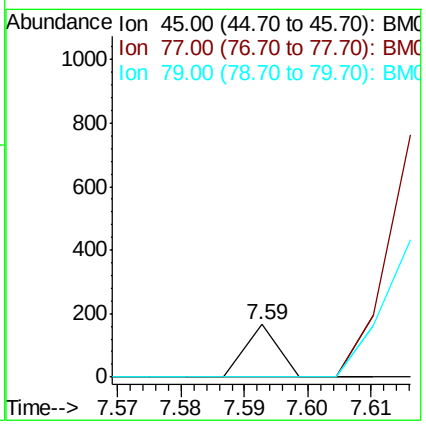


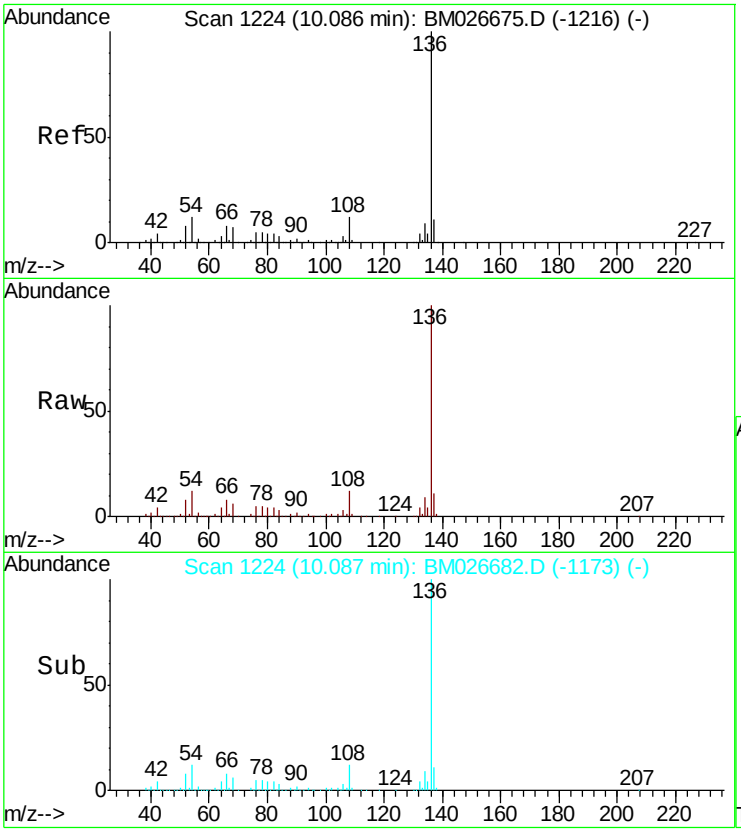


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.003 ng
RT: 7.59 min Scan# 800
Delta R.T. -0.27 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion: 45 Resp: 59

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



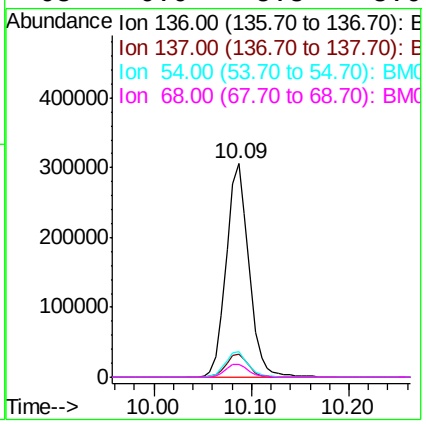


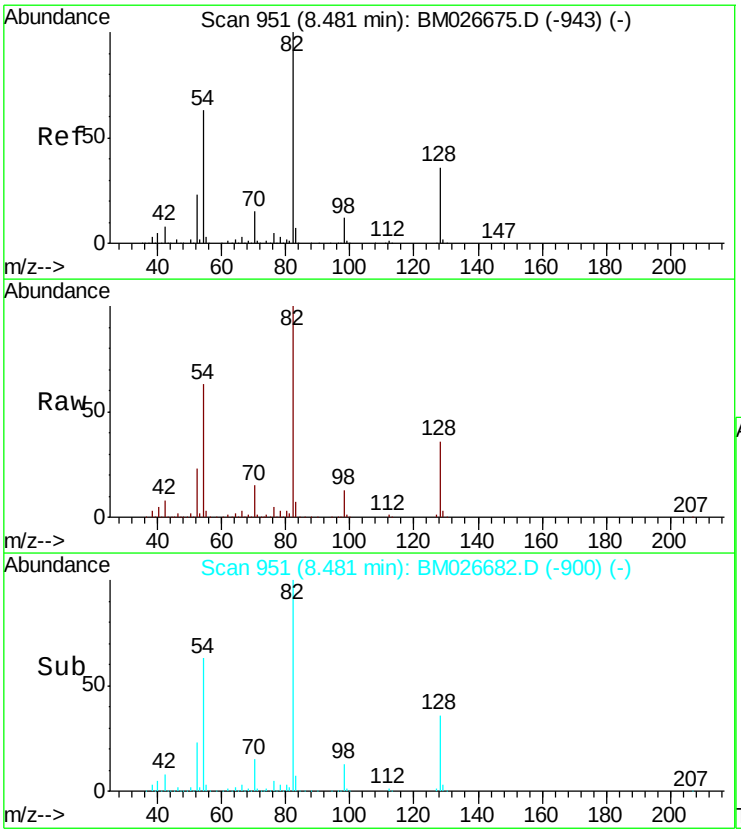
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.09 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:136 Resp: 493658

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	12.0	9.8	14.6
68	6.0	5.8	8.6

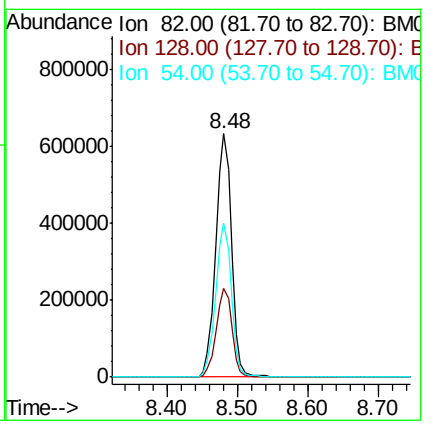


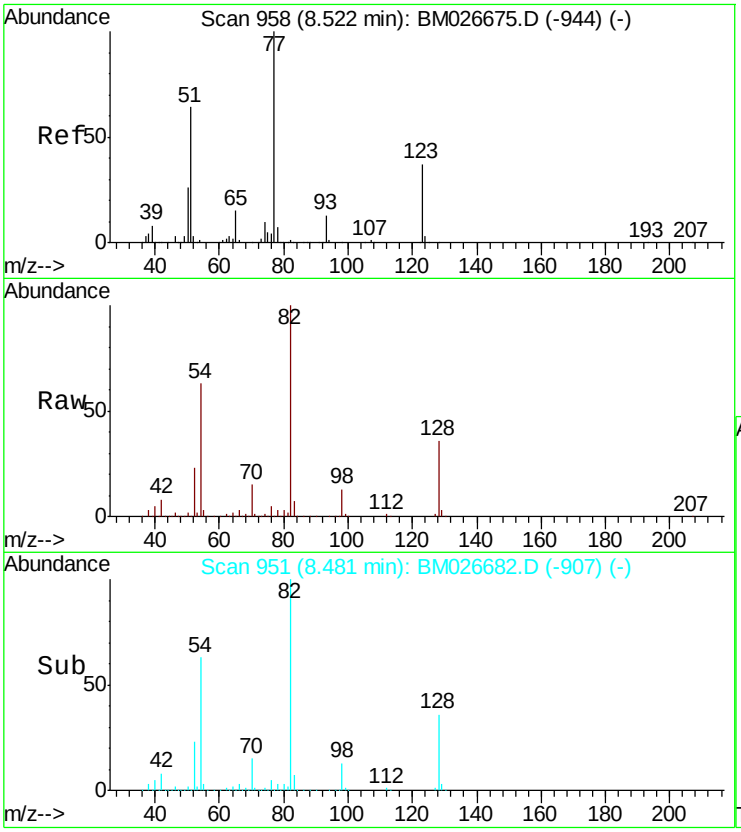


#23
Nitrobenzene-d5
Concen: 85.427 ng
RT: 8.48 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion: 82 Resp: 988478

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.1	43.7
54	63.3	50.2	75.4



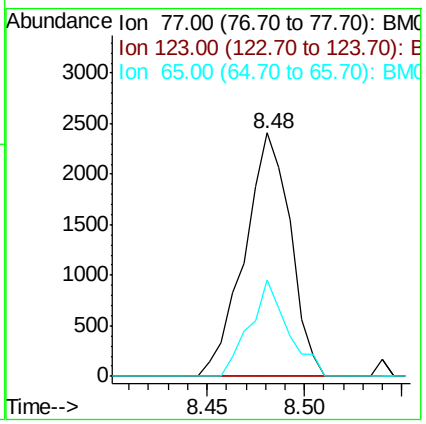


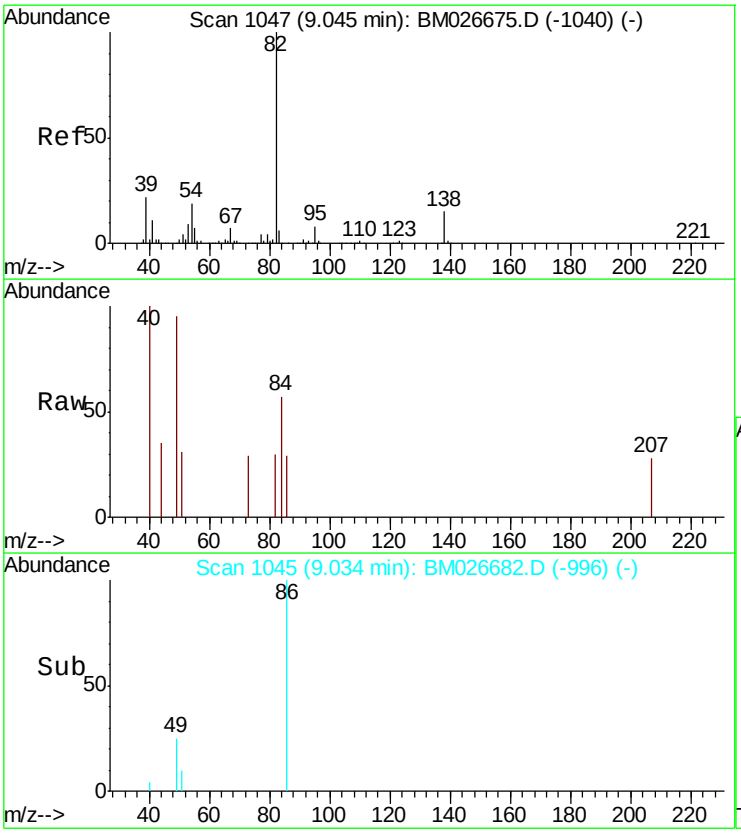
#24
Nitrobenzene
Concen: 0.322 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.04 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion: 77 Resp: 3916

Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.8	44.6#
65	39.6	12.2	18.4#

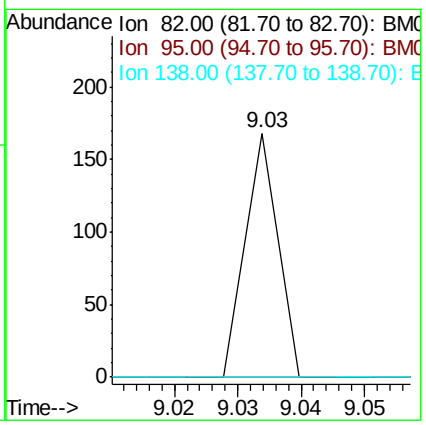


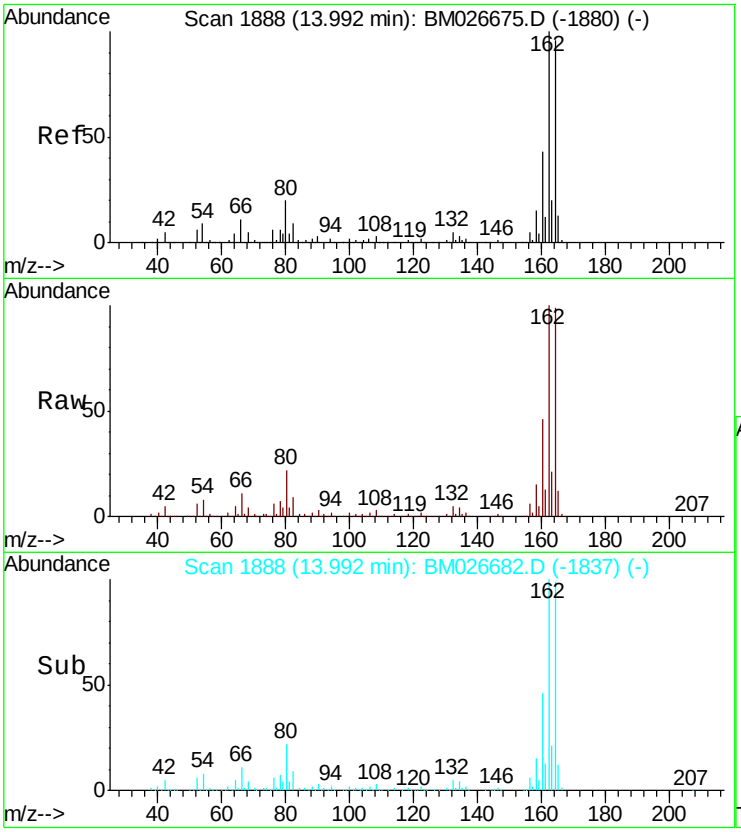


#25
Isophorone
Concen: 0.003 ng
RT: 9.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion: 82 Resp: 59

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	12.0	18.0#



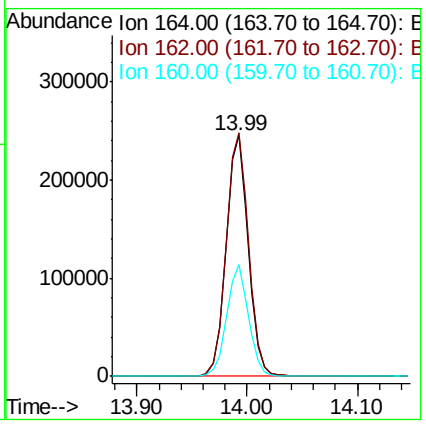


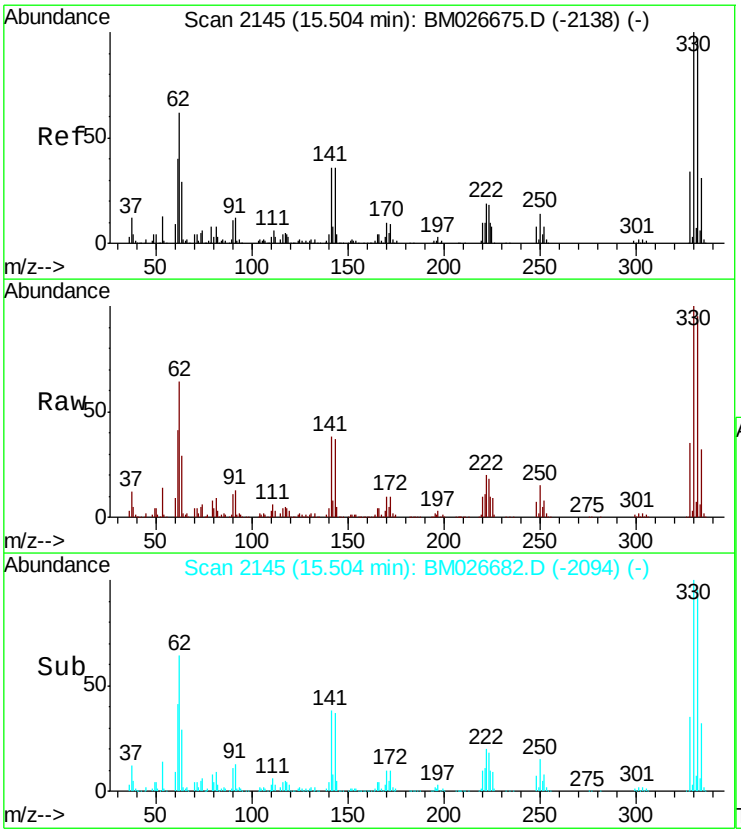
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.99 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:164 Resp: 343462

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.7	125.5
160	46.6	36.2	54.2

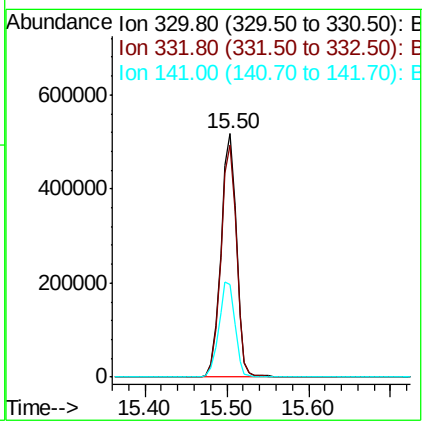


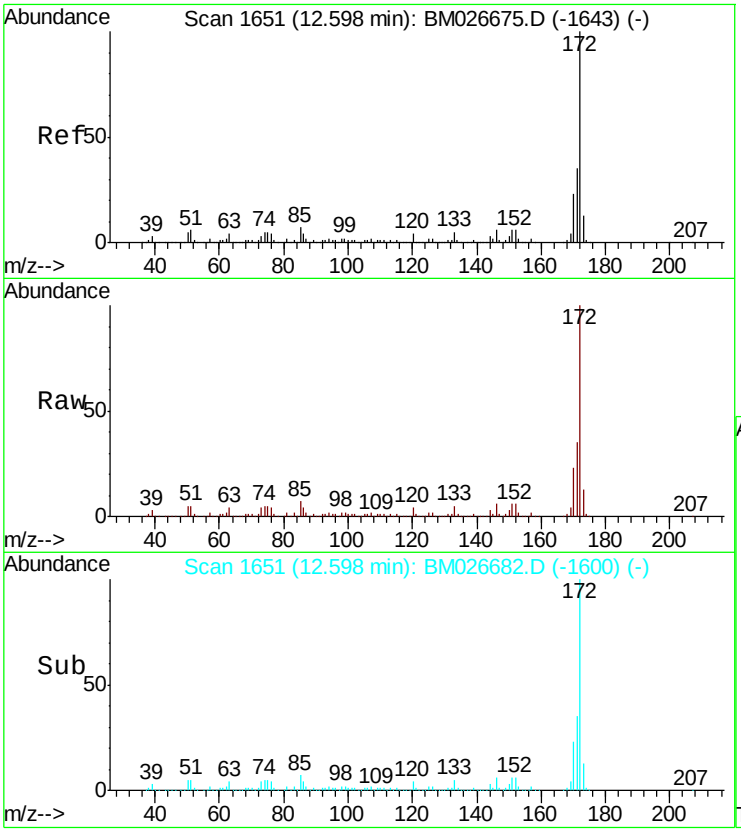


#42
2,4,6-Tribromophenol
Concen: 136.491 ng
RT: 15.50 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:330 Resp: 682892

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.5	116.3
141	41.0	32.4	48.6



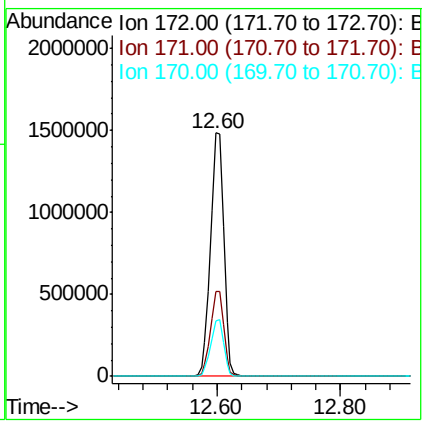


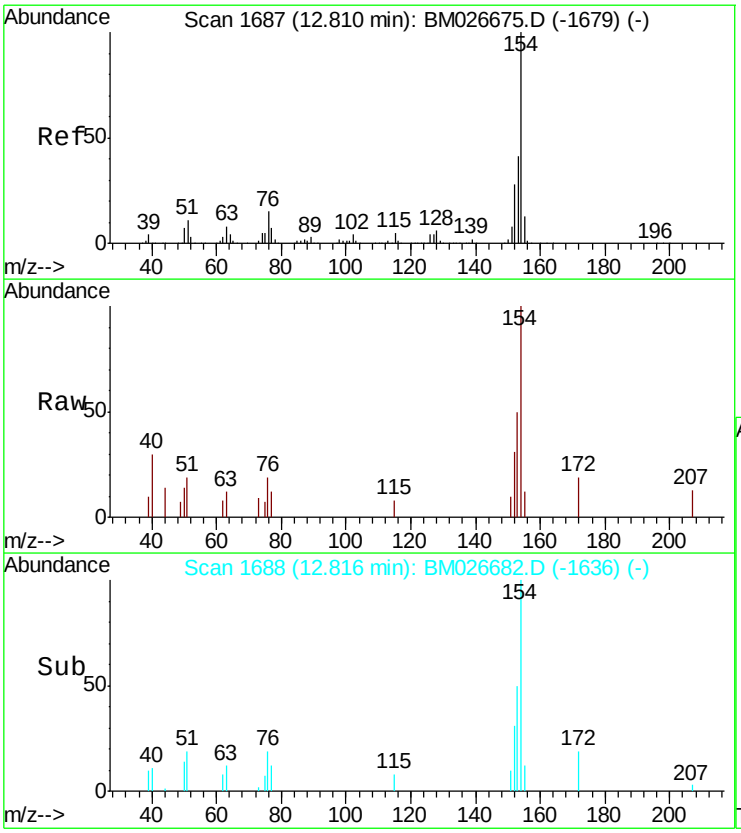
#45
2-Fluorobiphenyl
Concen: 84.130 ng
RT: 12.60 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:172 Resp: 2173194

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	22.9	18.5	27.7

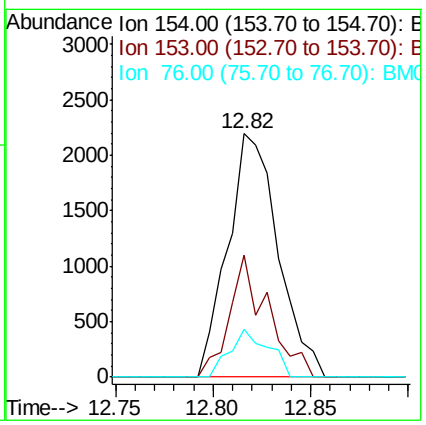


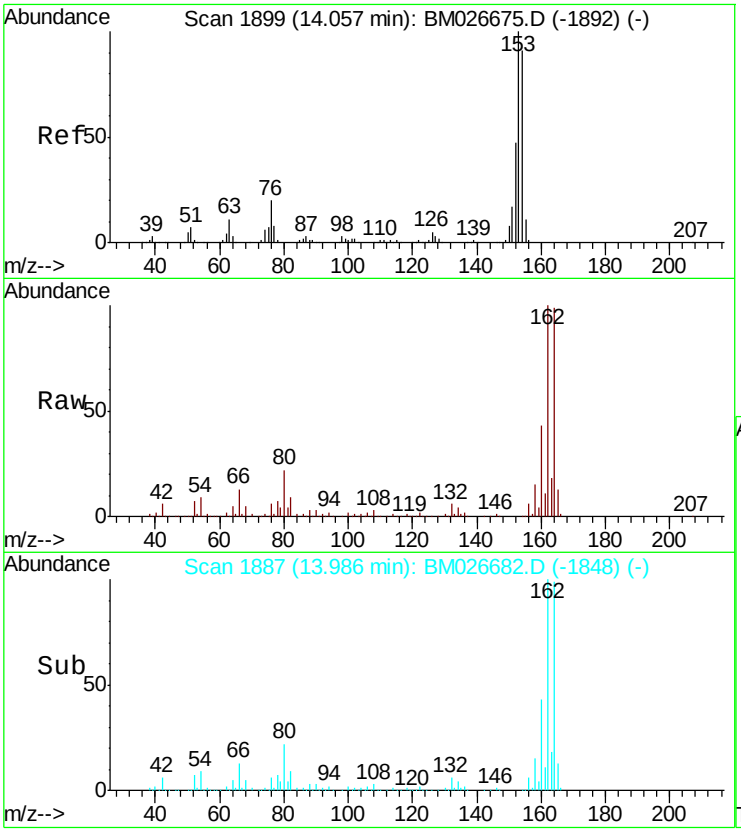


#46
1,1'-Biphenyl
Concen: 0.144 ng
RT: 12.82 min Scan# 1688
Delta R.T. 0.01 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:154 Resp: 3919

Ion	Ratio	Lower	Upper
154	100		
153	50.4	20.9	60.9
76	19.4	0.0	35.2



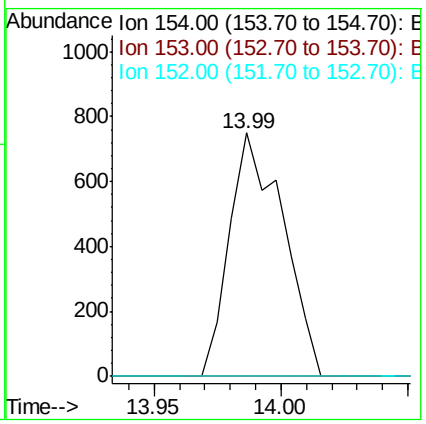


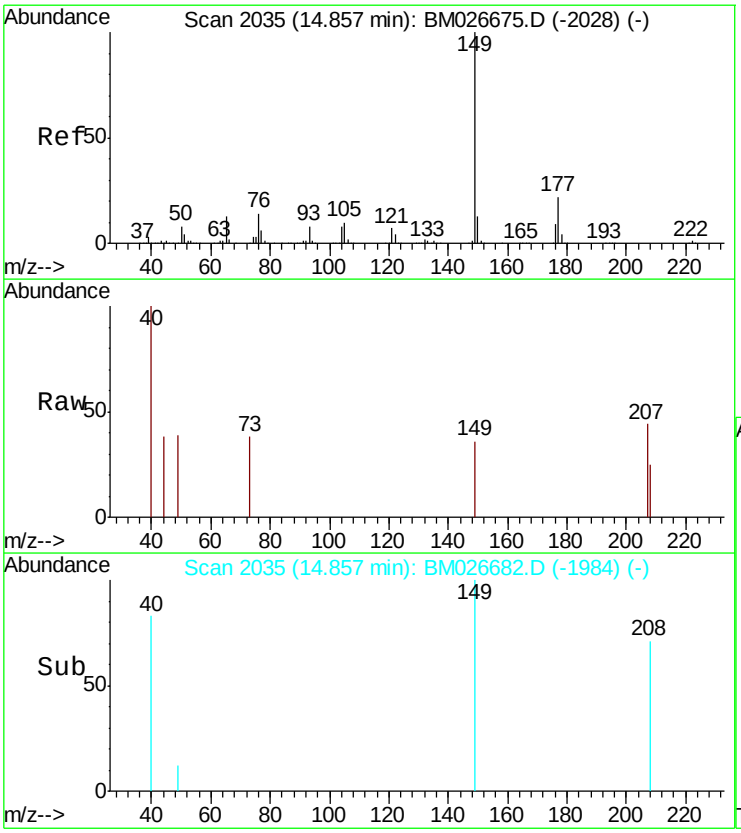
#52
Acenaphthene
Concen: 0.052 ng
RT: 13.99 min Scan# 1887
Delta R.T. -0.07 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:154 Resp: 1102

Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.3	132.5#
152	0.0	41.1	61.7#

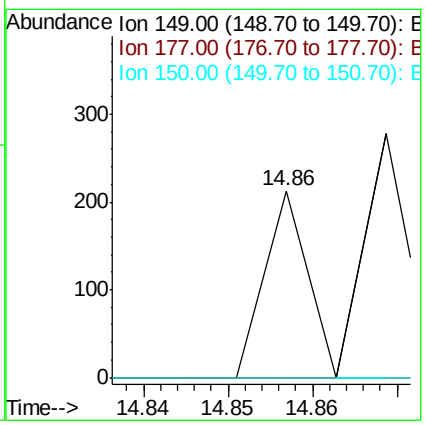


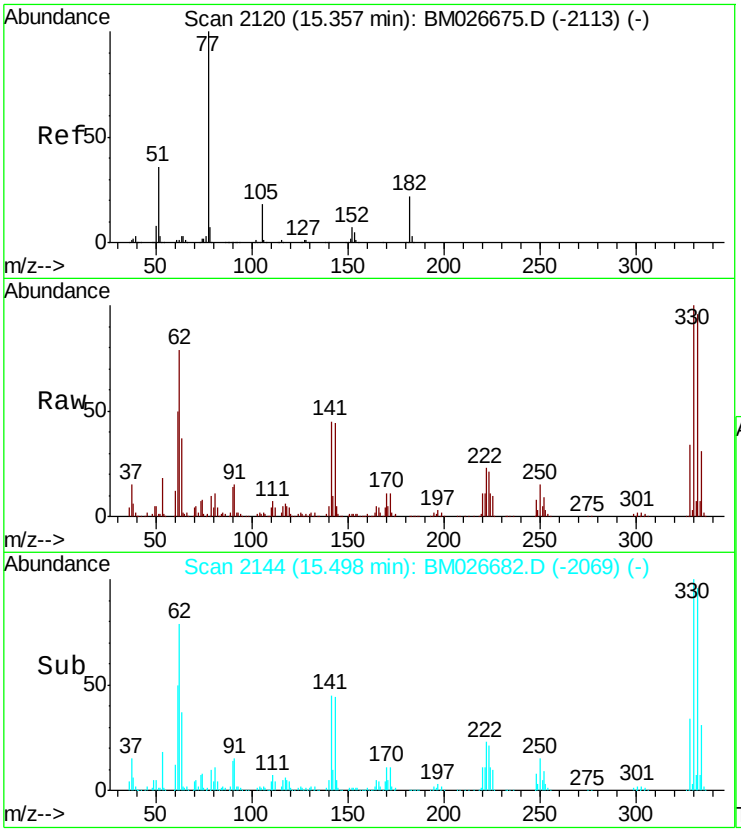


#60
Diethylphthalate
Concen: 0.002 ng
RT: 14.86 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:149 Resp: 75

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.8	26.6#
150	0.0	10.2	15.4#



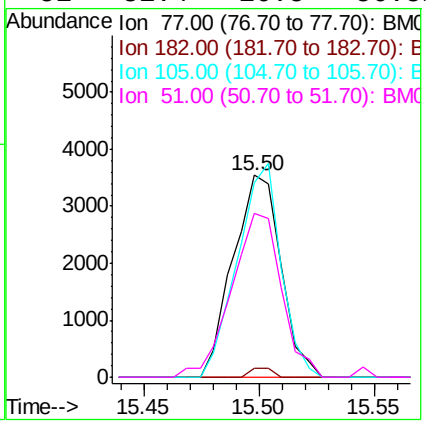


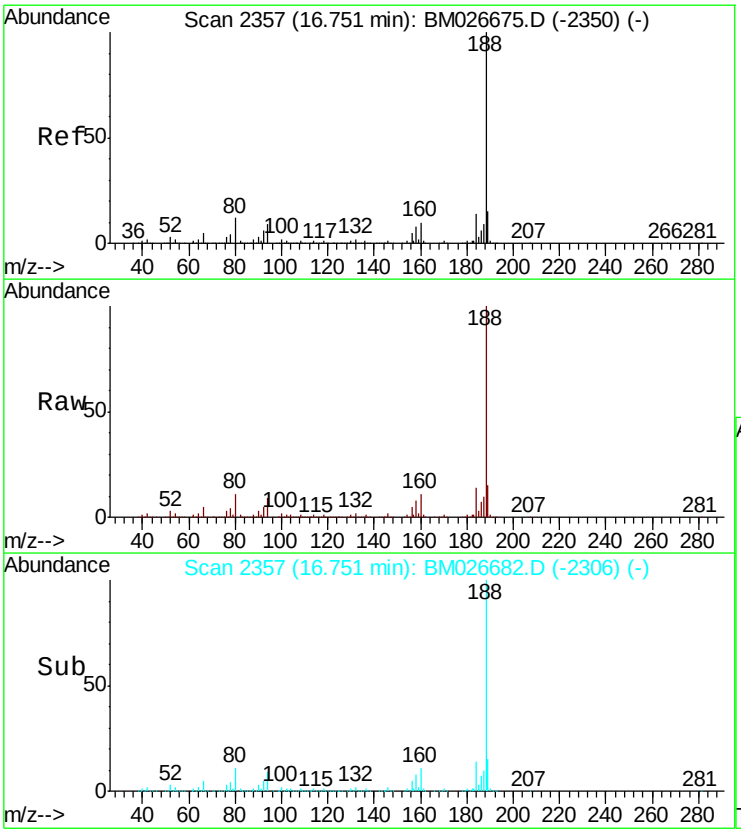
#63
Azobenzene
Concen: 0.150 ng
RT: 15.50 min Scan# 2144
Delta R.T. 0.14 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion: 77 Resp: 5124

Ion	Ratio	Lower	Upper
77	100		
182	4.7	1.6	41.6
105	96.8	0.0	37.8#
51	81.4	16.5	56.5#

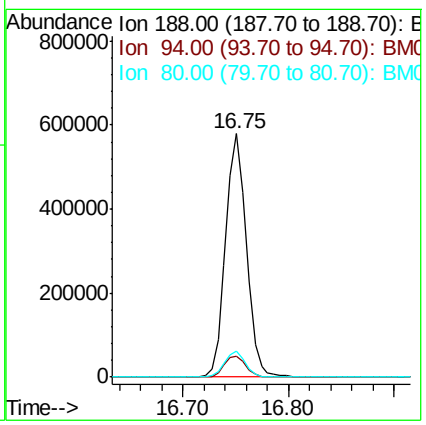


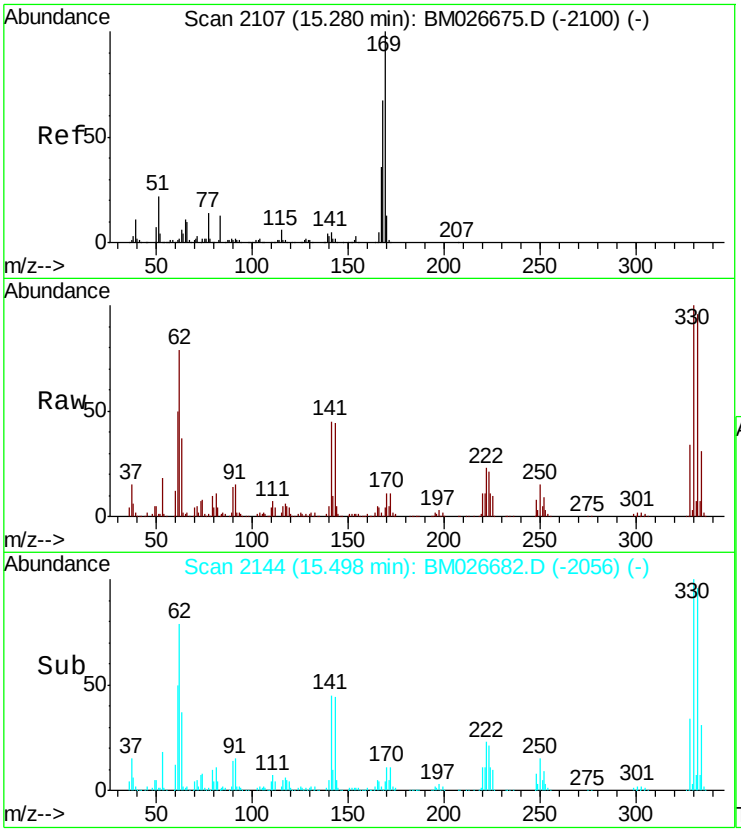


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.75 min Scan# 2357
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:188 Resp: 790678

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.0
80	10.7	9.3	13.9



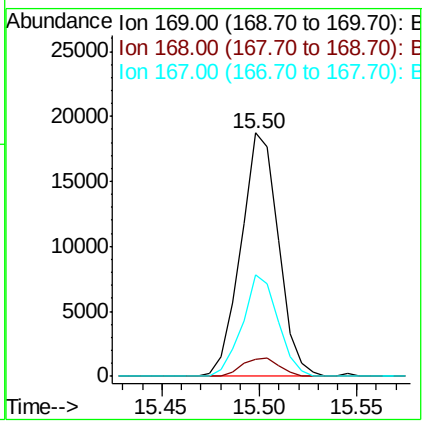


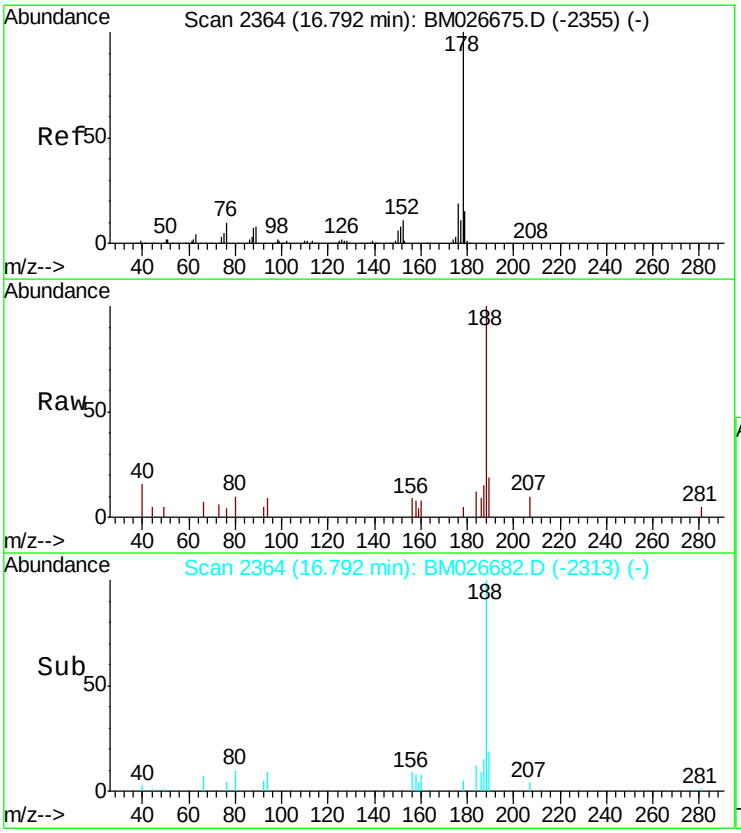
#66
n-Nitrosodiphenylamine
Concen: 0.991 ng
RT: 15.50 min Scan# 2144
Delta R.T. 0.22 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:169 Resp: 24905

Ion	Ratio	Lower	Upper
169	100		
168	7.0	53.8	80.8#
167	41.5	28.6	43.0

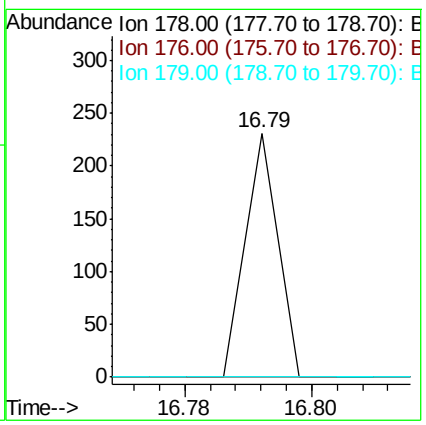


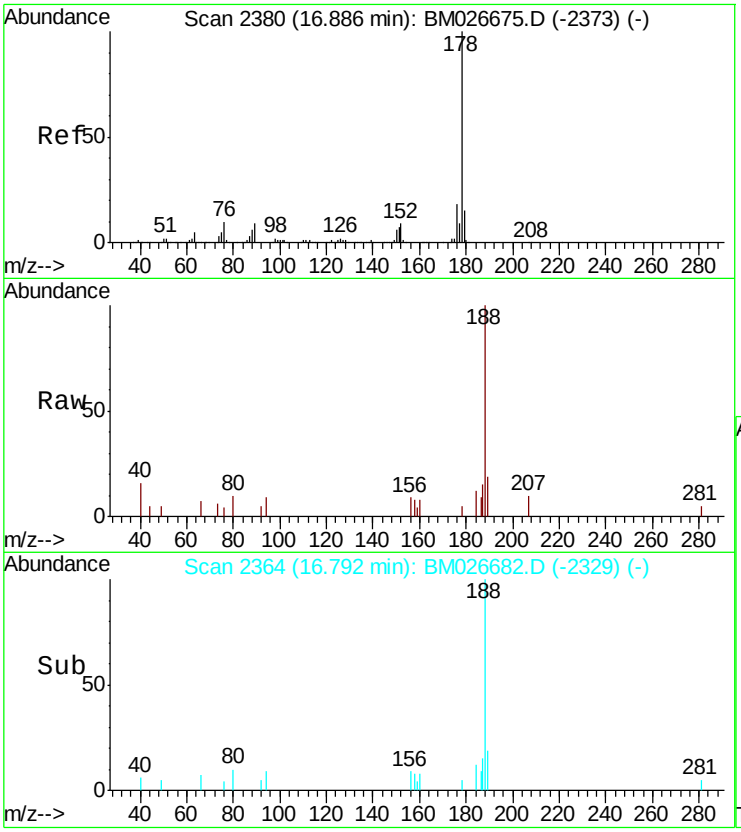


#71
Phenanthrene
Concen: 0.002 ng
RT: 16.79 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:178 Resp: 81

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.6#
179	0.0	12.1	18.1#



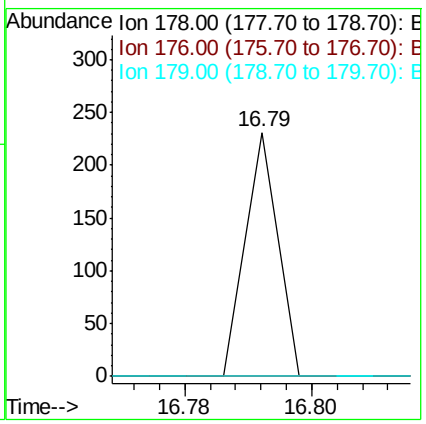


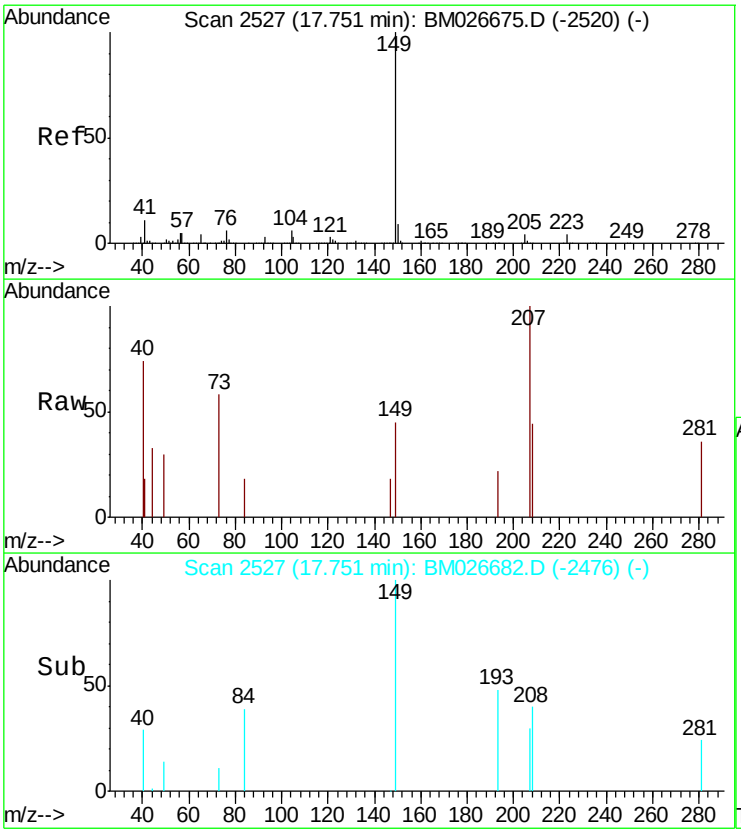
#72
Anthracene
Concen: 0.002 ng
RT: 16.79 min Scan# 2364
Delta R.T. -0.09 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:178 Resp: 81

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.7	22.1#
179	0.0	12.1	18.1#

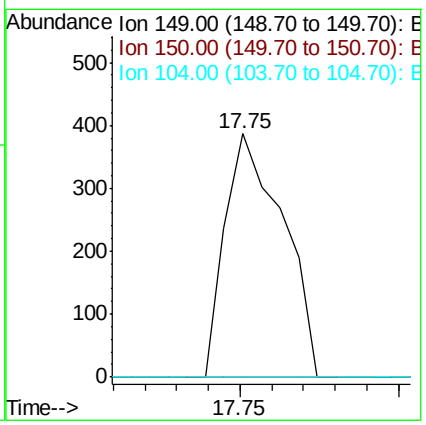


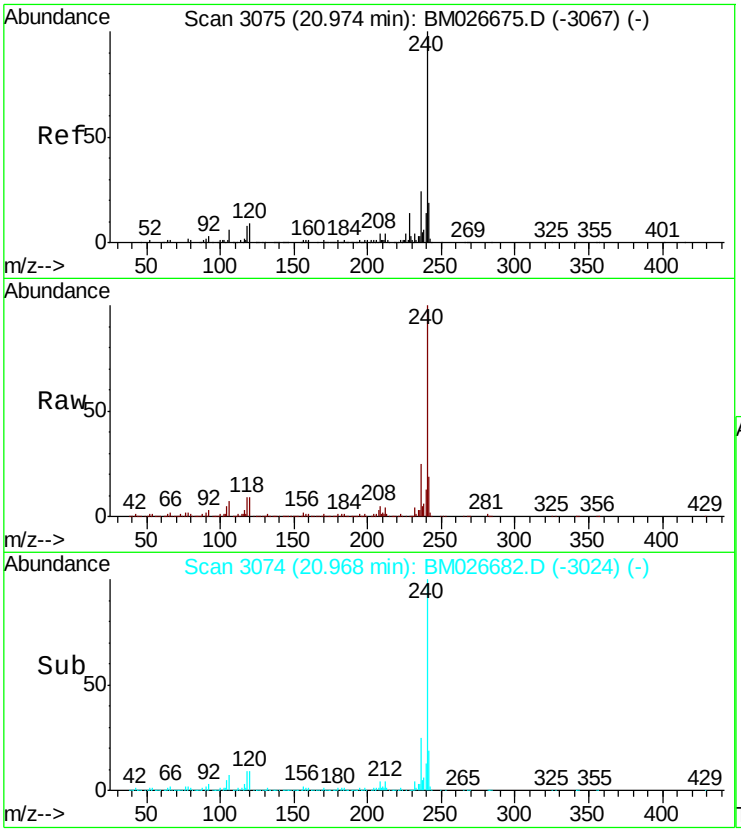


#74
Di-n-butylphthalate
Concen: 0.009 ng
RT: 17.75 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:149 Resp: 488

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.3	10.9#
104	0.0	5.0	7.4#



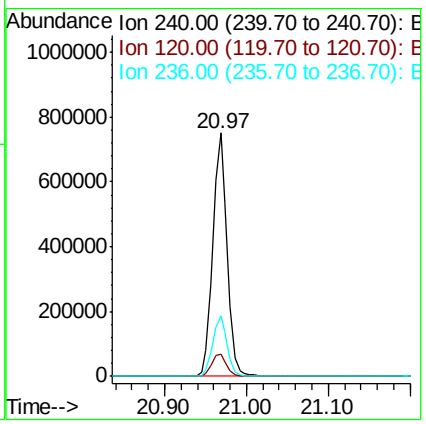


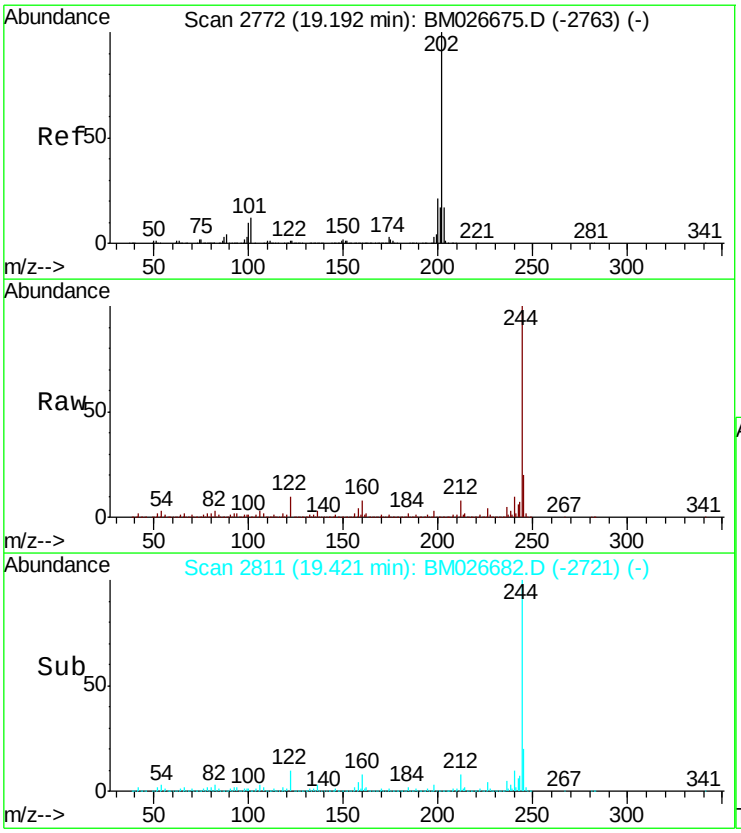
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.97 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:240 Resp: 915315

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.3	10.9
236	25.1	19.4	29.2

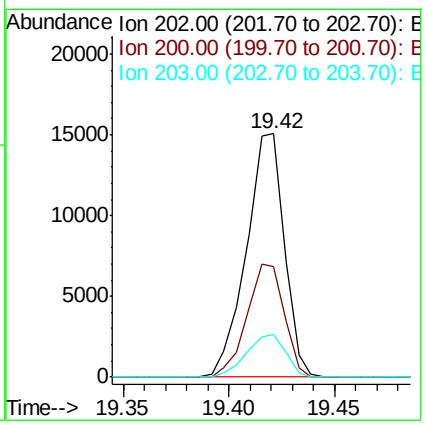


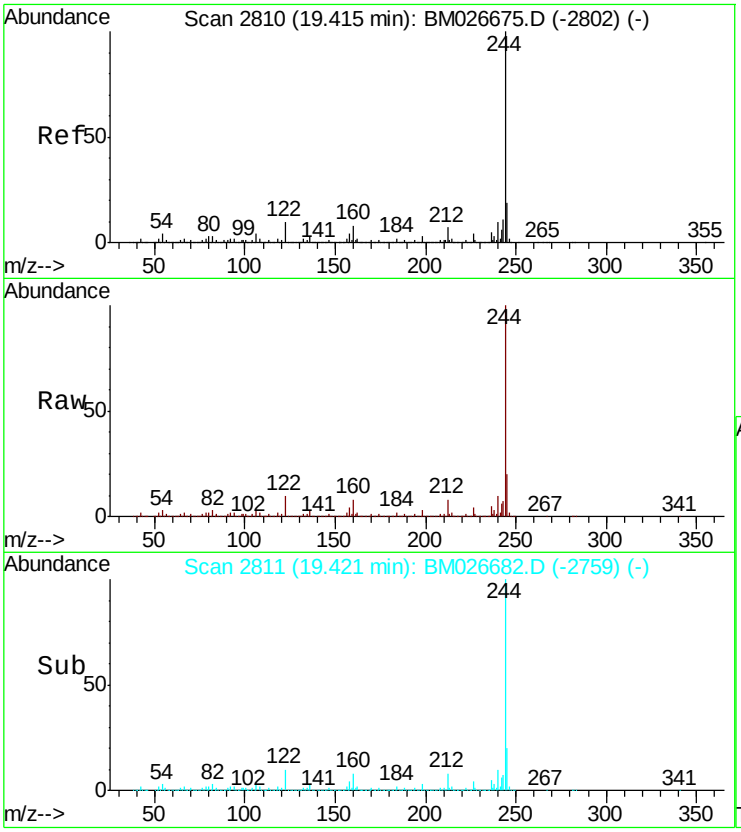


#78
Pyrene
Concen: 0.328 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.23 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:202 Resp: 18890

Ion	Ratio	Lower	Upper
202	100		
200	45.6	16.6	24.8#
203	17.7	13.7	20.5



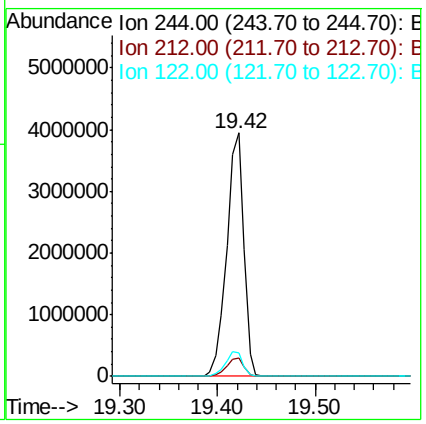


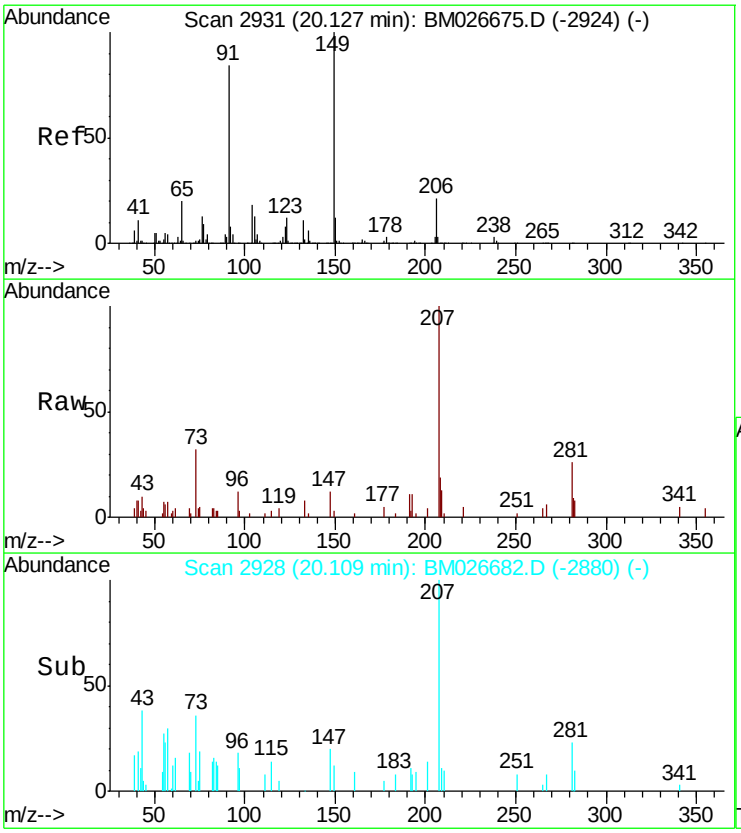
#79
Terphenyl-d14
Concen: 102.787 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:244 Resp: 4780554

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.7	8.2	12.4

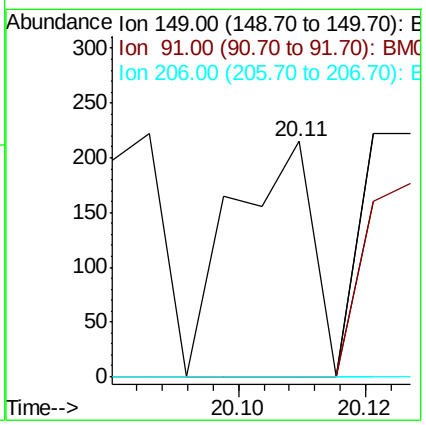


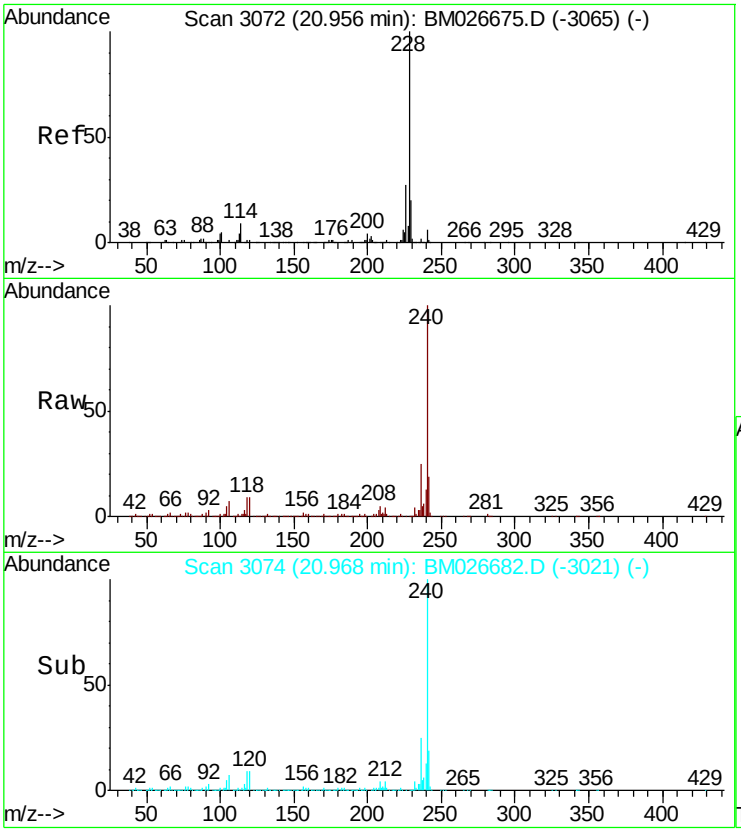


#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.11 min Scan# 2928
Delta R.T. -0.02 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:149 Resp: 189

Ion	Ratio	Lower	Upper
149	100		
91	0.0	67.6	101.4#
206	0.0	16.7	25.1#



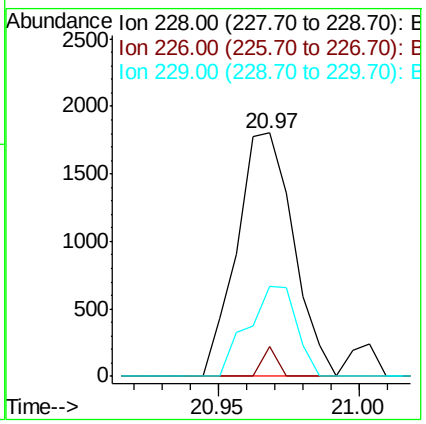


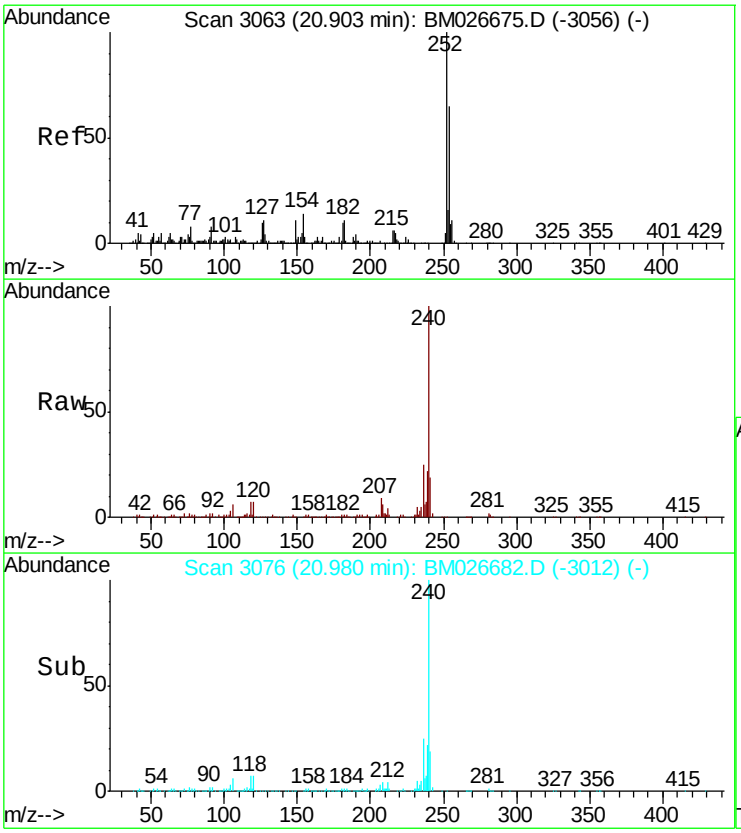
#81
Benzo(a)anthracene
Concen: 0.041 ng
RT: 20.97 min Scan# 3074
Delta R.T. 0.01 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:228 Resp: 2503

Ion	Ratio	Lower	Upper
228	100		
226	12.5	21.4	32.2#
229	36.9	15.6	23.4#

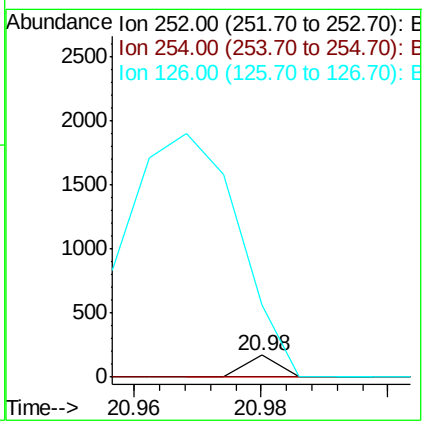


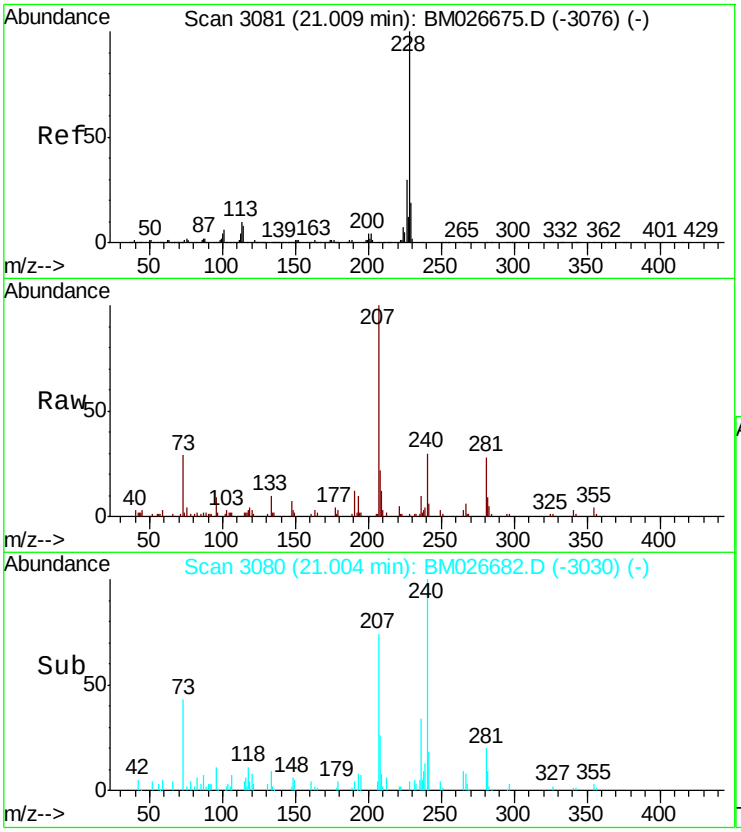


#82
3,3'-Dichlorobenzidine
Concen: 0.003 ng
RT: 20.98 min Scan# 3076
Delta R.T. 0.08 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:252 Resp: 60

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.9	77.9#
126	328.8	8.2	12.2#



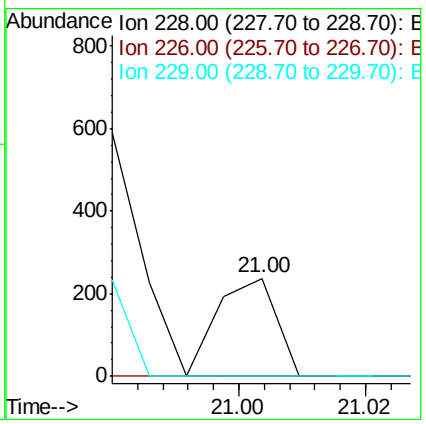


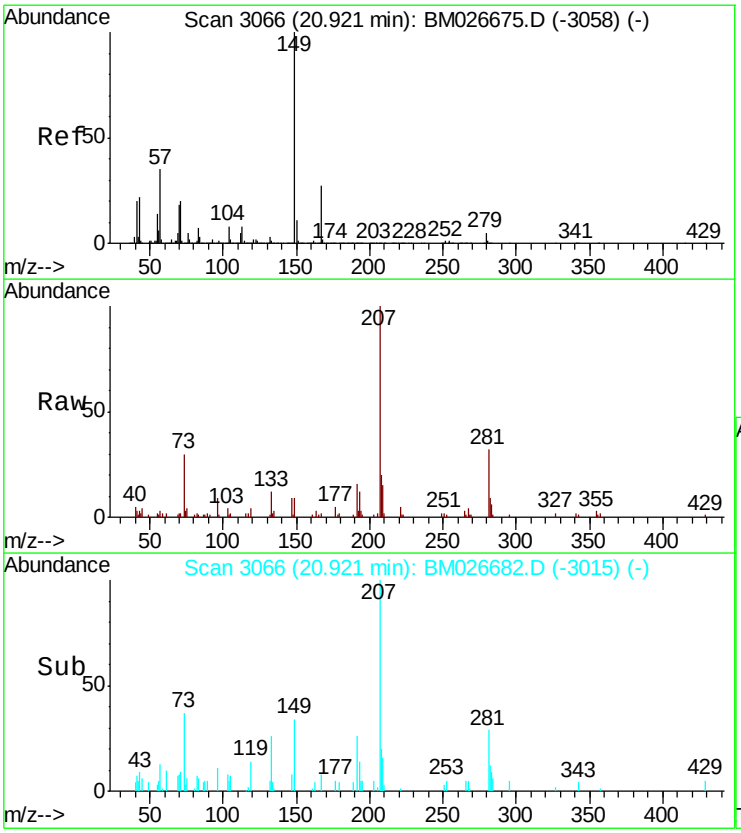
#83
Chrysene
Concen: 0.003 ng
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:228 Resp: 151

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.7	35.5#
229	0.0	15.4	23.0#

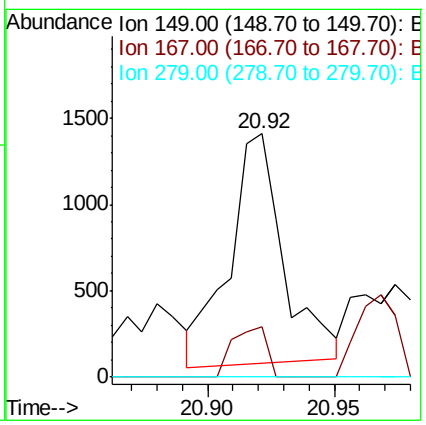


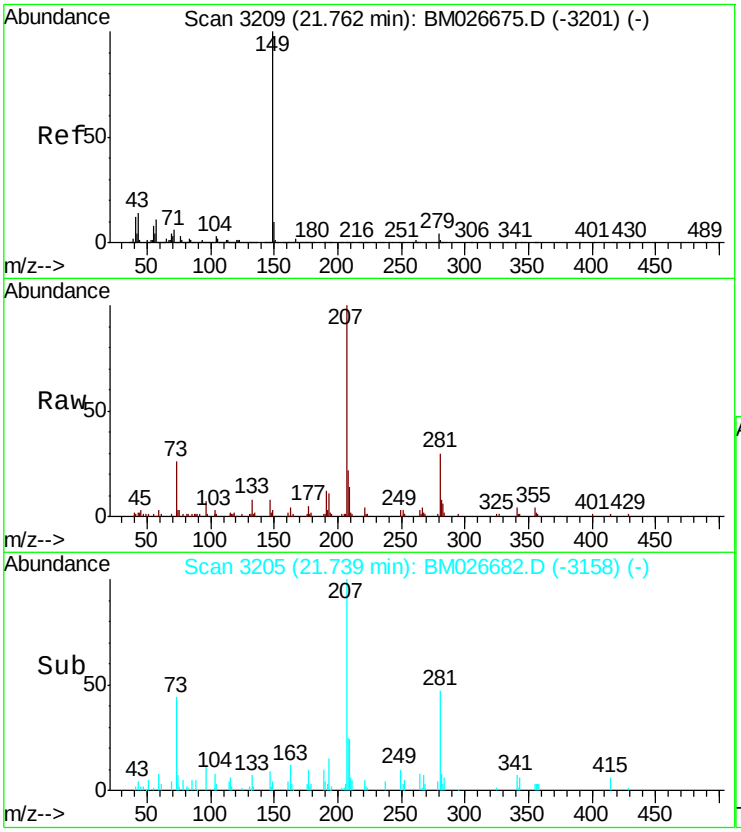


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 20.92 min Scan# 3066
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:149 Resp: 1974

Ion	Ratio	Lower	Upper
149	100		
167	20.8	21.9	32.9#
279	0.0	3.7	5.5#



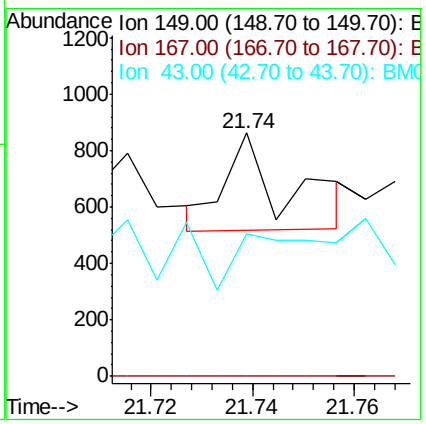


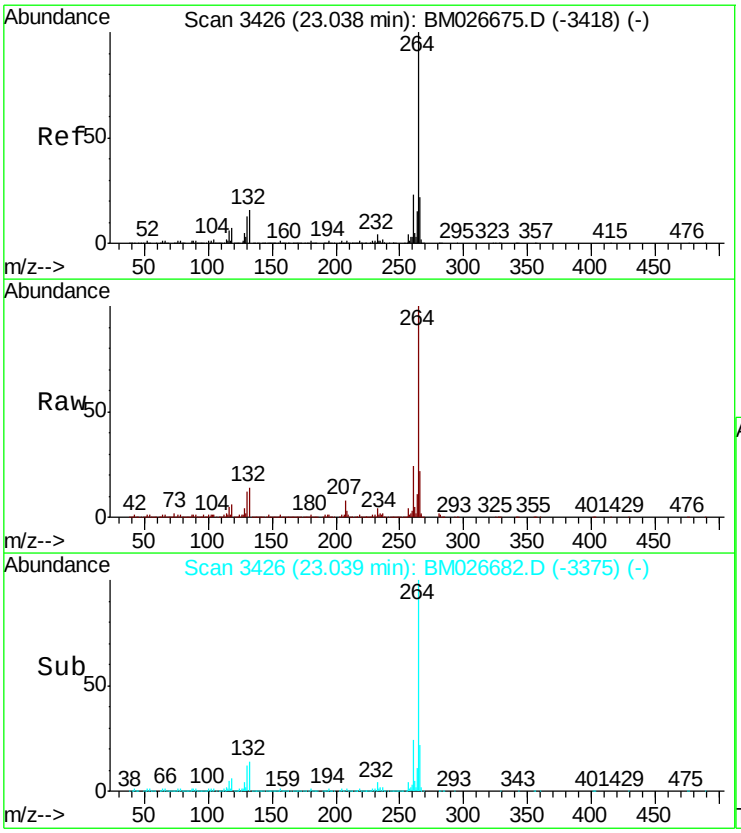
#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 21.74 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument : BNA_M
ClientSampleId : PB129891BL

Tgt Ion:149 Resp: 297

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	11.2	16.8#

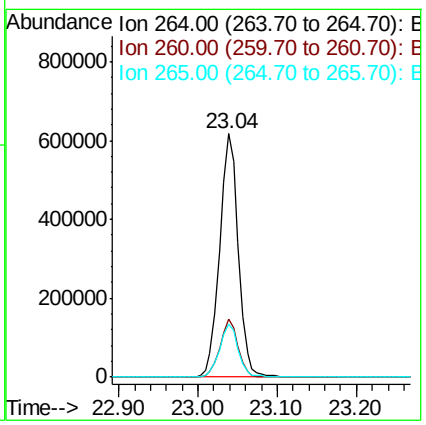


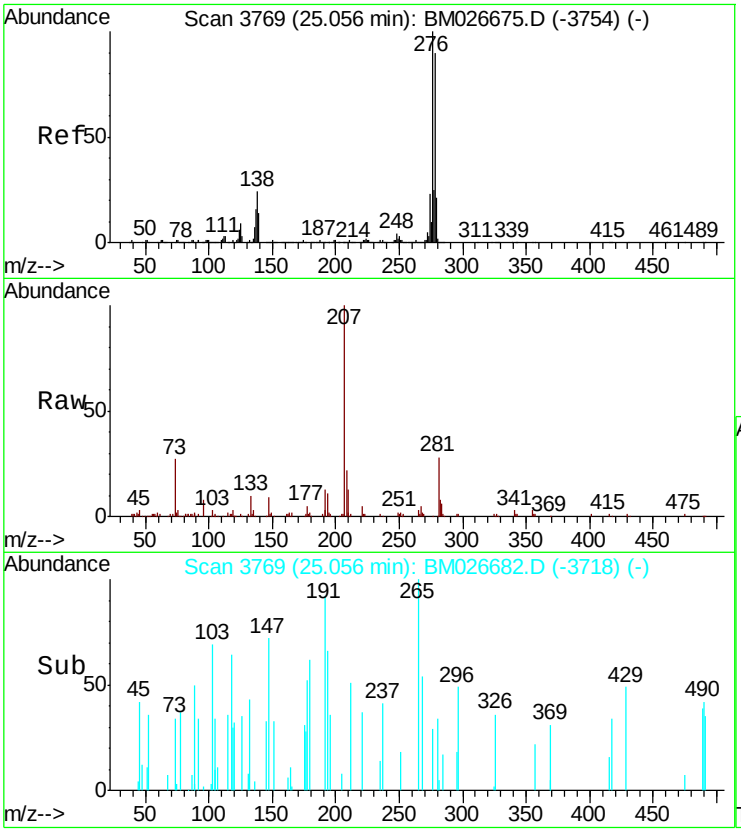


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.04 min Scan# 3426
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:264 Resp: 1003686

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.9	17.6	26.4



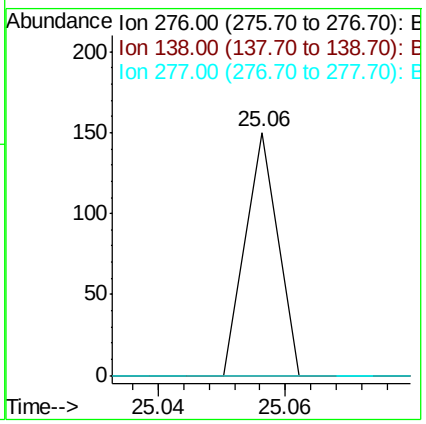


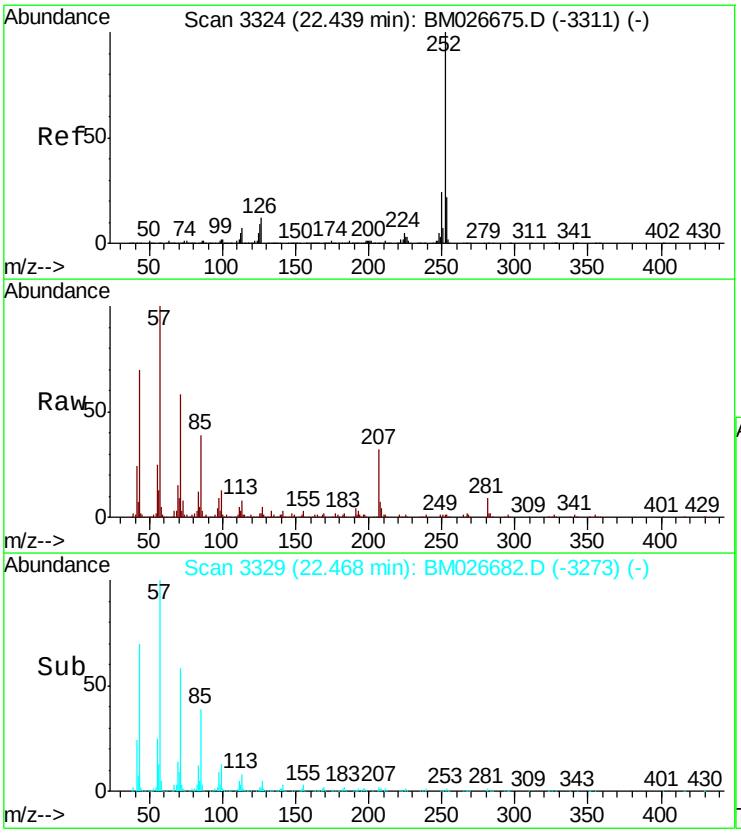
#87
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.06 min Scan# 3769
Delta R.T. 0.00 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:276 Resp: 53

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.4	27.6#
277	0.0	20.0	30.0#

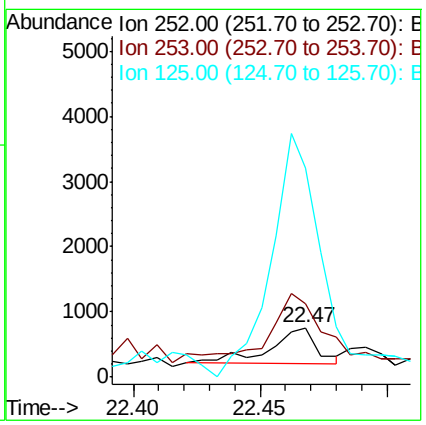


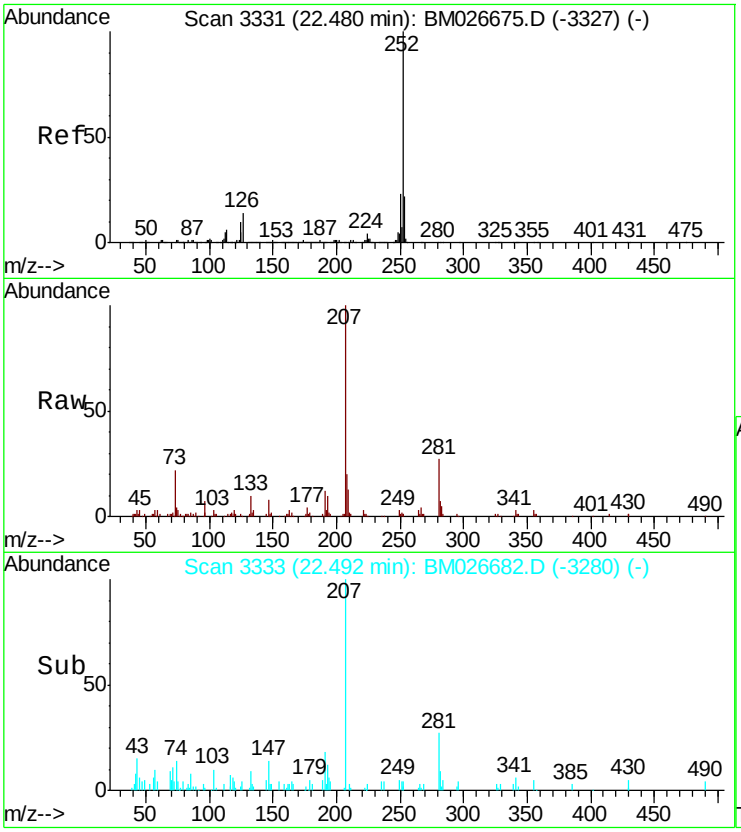


#88
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 22.47 min Scan# 3329
Delta R.T. 0.03 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:252 Resp: 709

Ion	Ratio	Lower	Upper
252	100		
253	146.6	17.5	26.3#
125	419.9	7.5	11.3#



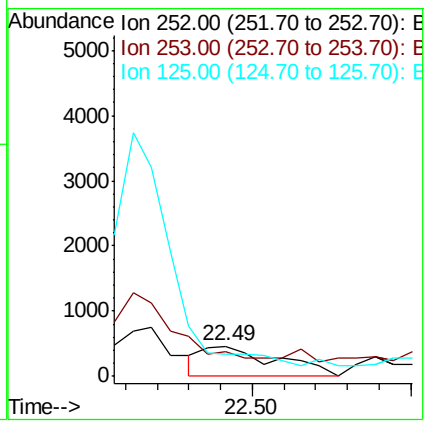


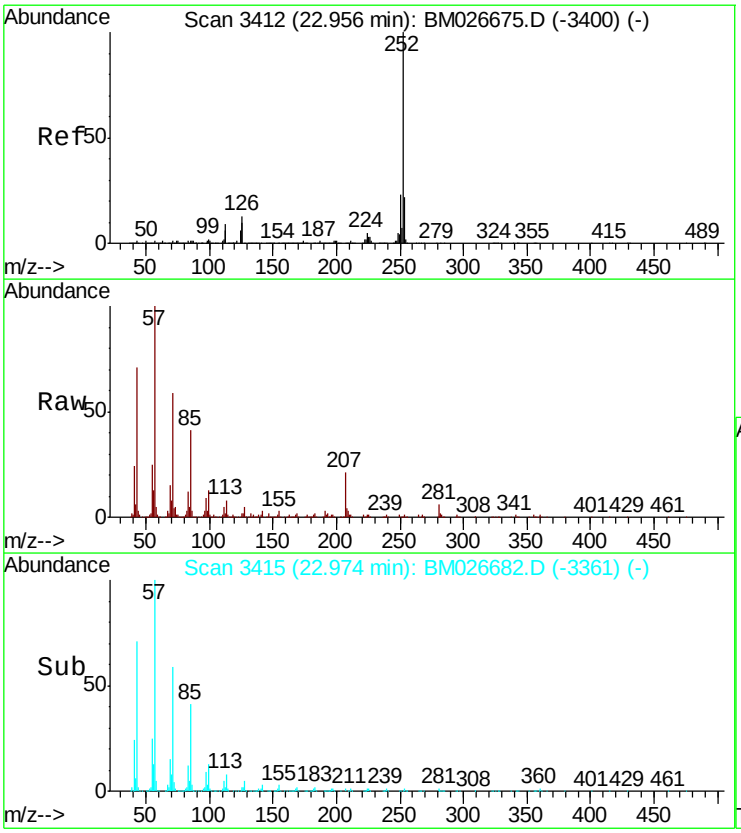
#89
Benzo(k)fluoranthene
Concen: 0.012 ng
RT: 22.49 min Scan# 3333
Delta R.T. 0.01 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tgt Ion:252 Resp: 756

Ion	Ratio	Lower	Upper
252	100		
253	82.1	17.5	26.3#
125	123.1	7.8	11.8#





#90
Benzo(a)pyrene
Concen: 0.038 ng
RT: 22.97 min Scan# 3415
Delta R.T. 0.02 min
Lab File: BM026682.D
Acq: 07 Jul 2020 18:11

Tgt Ion:252 Resp: 2324

Ion	Ratio	Lower	Upper
252	100		
253	185.7	17.4	26.2#
125	548.5	8.2	12.4#