Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
Data File : BM026737.D
Acq On : 10 Jul 2020 17:01
Operator : JU/CG
Sample : L3217-09DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E3-41-NHLDL

Quant Time: Jul 10 17:32:54 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	7.33	152	96351	20.00	ng		0.01
21) Naphthalene-d8	10.08	136	383958	20.00	ng		0.00
39) Acenaphthene-d10	13.98	164	221722	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	458905	20.00	ng		0.00
76) Chrysene-d12	20.97	240	474228	20.00	ng		0.00
86) Perylene-d12	23.04	264	479784	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.98	112	13429	2.34	ng		0.02
7) Phenol-d6	6.69	99	60617	6.62	ng		0.15
23) Nitrobenzene-d5	8.47	82	44047	4.89	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	20518	6.35	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	82787	4.96	ng		0.00
79) Terphenyl-d14	19.41	244	127870	5.31	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.72	94	237608	26.249	ng		94
15) Benzyl Alcohol	7.55	79	174979	22.328	ng	#	65
17) 2-Methylphenol	7.79	107	61744	8.975	ng		97
20) 3+4-Methylphenols	8.12	107	279596	29.563	ng		95
27) 2,4-Dimethylphenol	9.30	122	48633	8.559	ng		96
31) Naphthalene	10.13	128	895036	41.912	ng		99
32) Benzoic acid	9.42	122	18465	10.289	ng		93
33) 4-Chloroaniline	10.13	127	117329	12.559	ng	#	31
37) 2-Methylnaphthalene	11.76	142	1036480	65.520	ng		99
38) 1-Methylnaphthalene	11.98	142	518512	34.212	ng		98
46) 1,1'-Biphenyl	12.80	154	280759	16.031	ng		99
52) Acenaphthene	14.05	154	250464	18.221	ng		99
54) 2,4-Dinitrophenol	14.12	184	636	6.478	ng	#	1
55) Dibenzofuran	14.39	168	232964	10.337	ng		98
56) 4-Nitrophenol	14.39	139	92920	27.908	ng	#	1
58) Fluorene	15.04	166	44215	2.369	ng		97
62) 4-Nitroaniline	15.04	138	499	3.236	ng	#	22
65) 4,6-Dinitro-2-methylphenol	15.27	198	408	4.644	ng	#	1

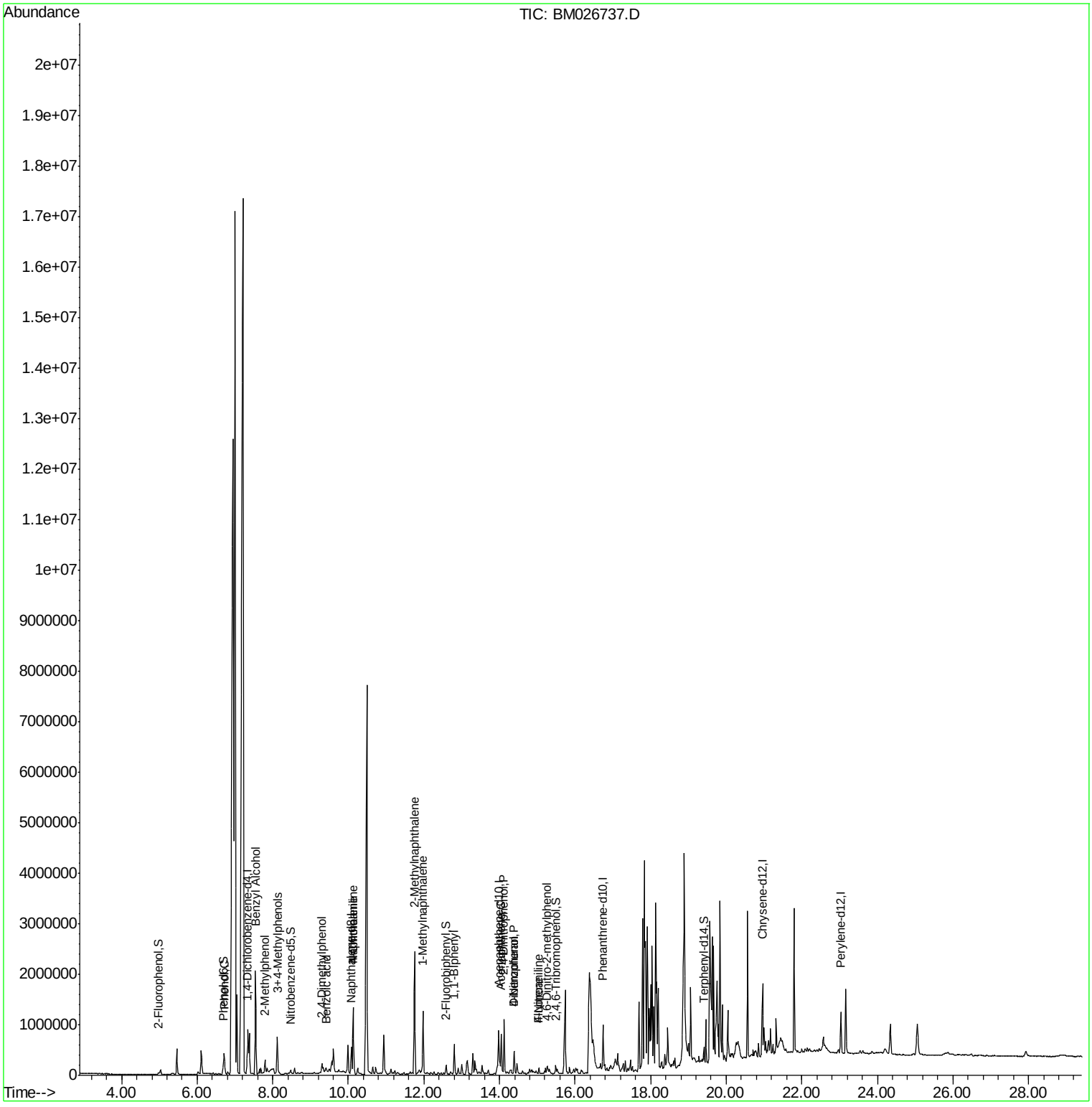
(#) = qualifier out of range (m) = manual integration (+) = signals summed

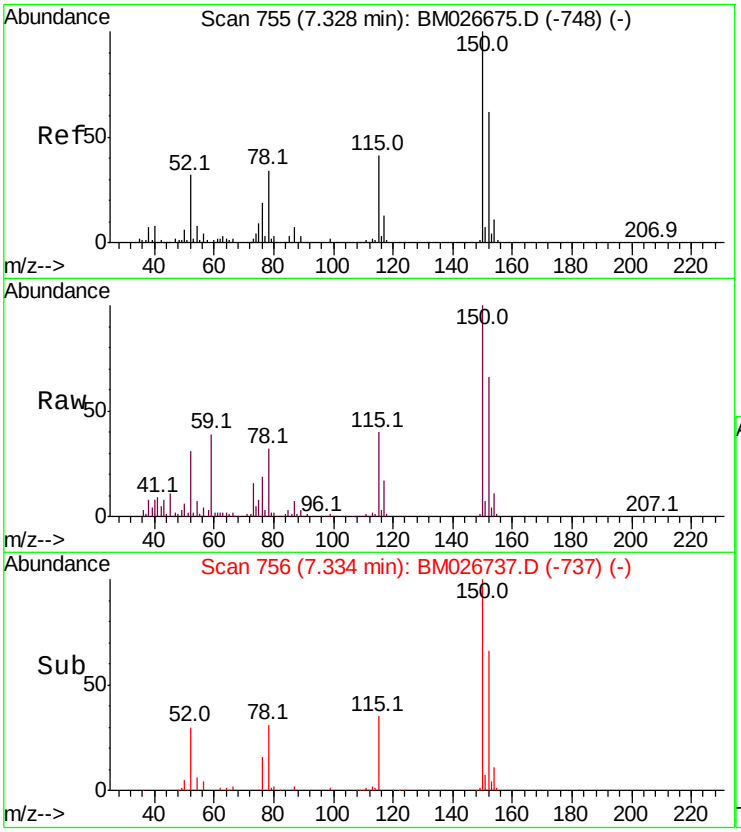
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
Data File : BM026737.D
Acq On : 10 Jul 2020 17:01
Operator : JU/CG
Sample : L3217-09DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Quant Time: Jul 10 17:32:54 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



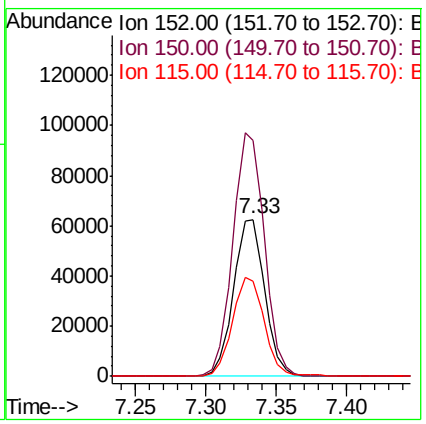


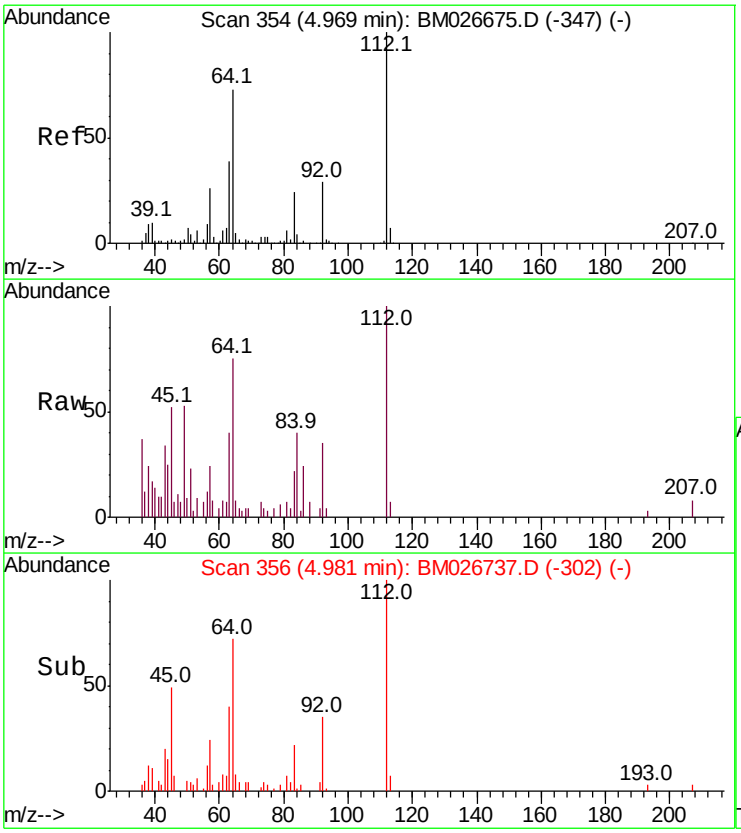
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:152 Resp: 96351

Ion	Ratio	Lower	Upper
152	100		
150	150.6	128.1	192.1
115	60.3	52.2	78.4

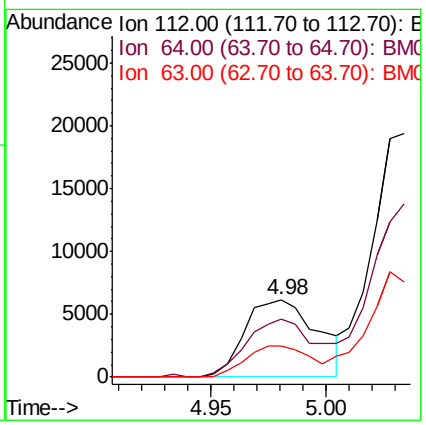


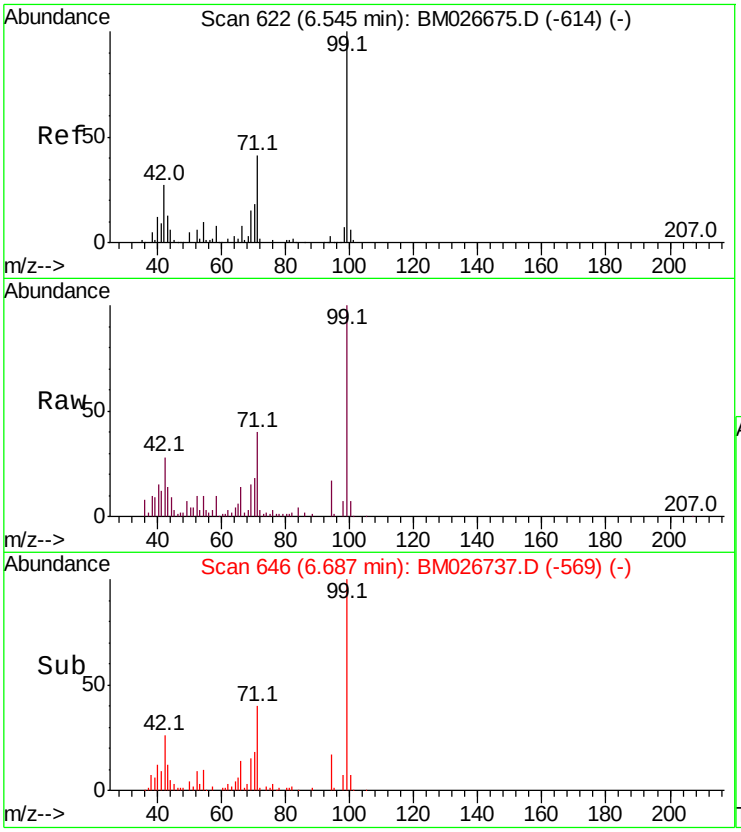


#5
2-Fluorophenol
Concen: 2.336 ng
RT: 4.98 min Scan# 356
Delta R.T. 0.02 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:112 Resp: 13429

Ion	Ratio	Lower	Upper
112	100		
64	74.7	58.4	87.6
63	40.4	31.5	47.3



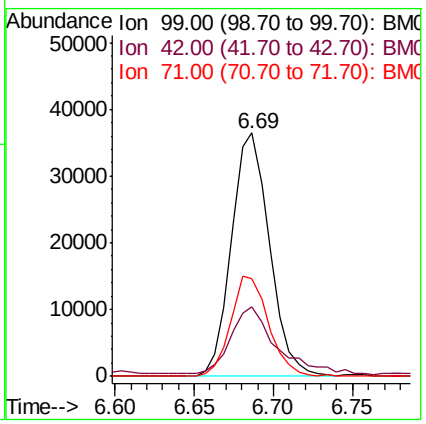


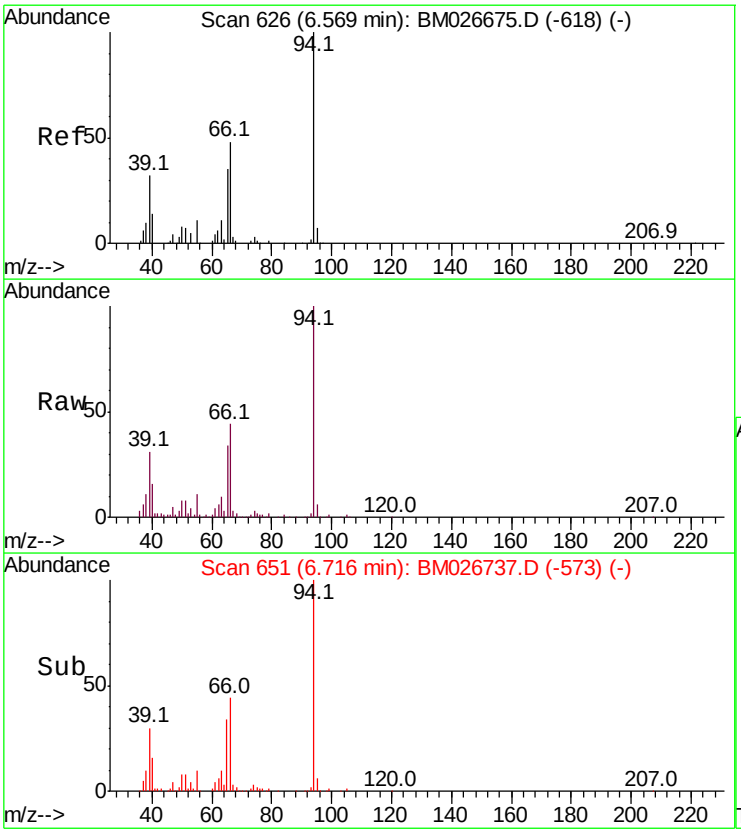
#7
Phenol-d6
Concen: 6.618 ng
RT: 6.69 min Scan# 646
Delta R.T. 0.15 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion: 99 Resp: 60617

Ion	Ratio	Lower	Upper
99	100		
42	28.4	21.7	32.5
71	40.3	33.2	49.8

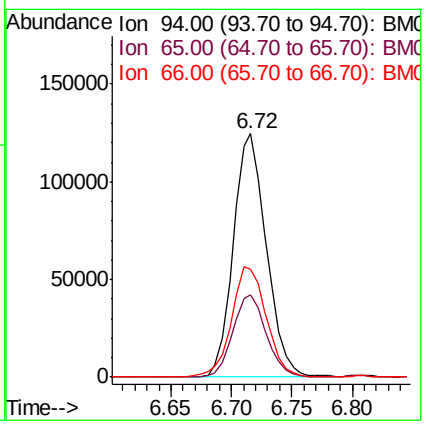


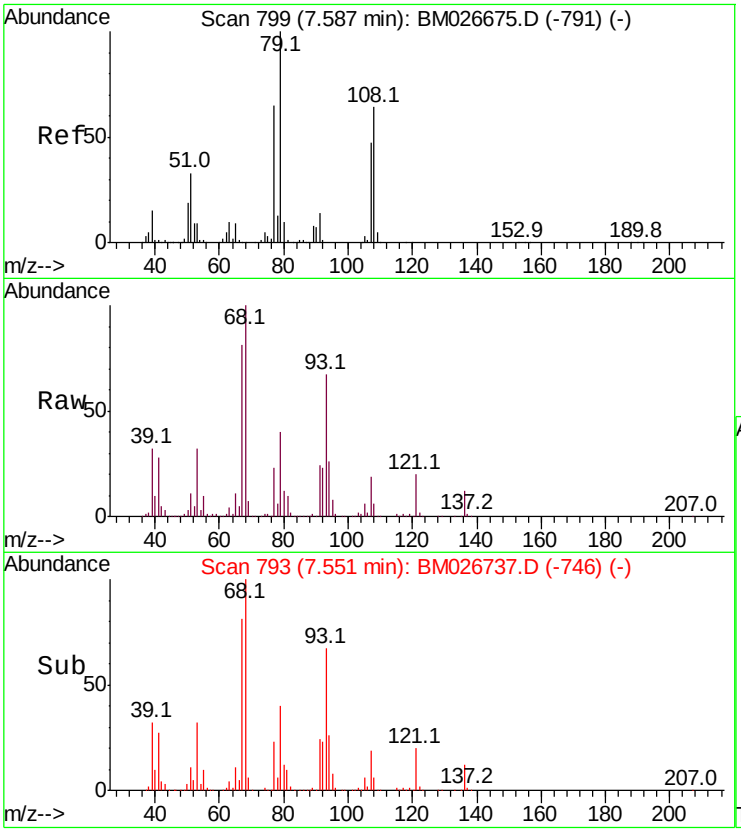


#10
Phenol
Concen: 26.249 ng
RT: 6.72 min Scan# 651
Delta R.T. 0.16 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion: 94 Resp: 237608

Ion	Ratio	Lower	Upper
94	100		
65	33.9	15.5	55.5
66	44.3	29.8	69.8



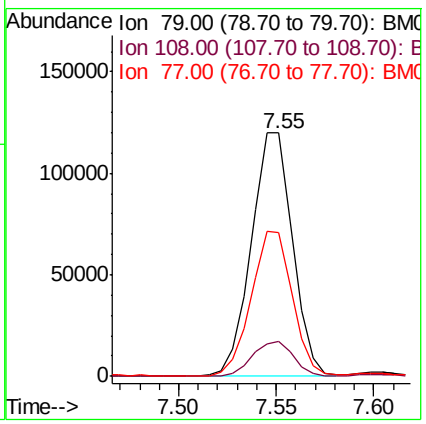


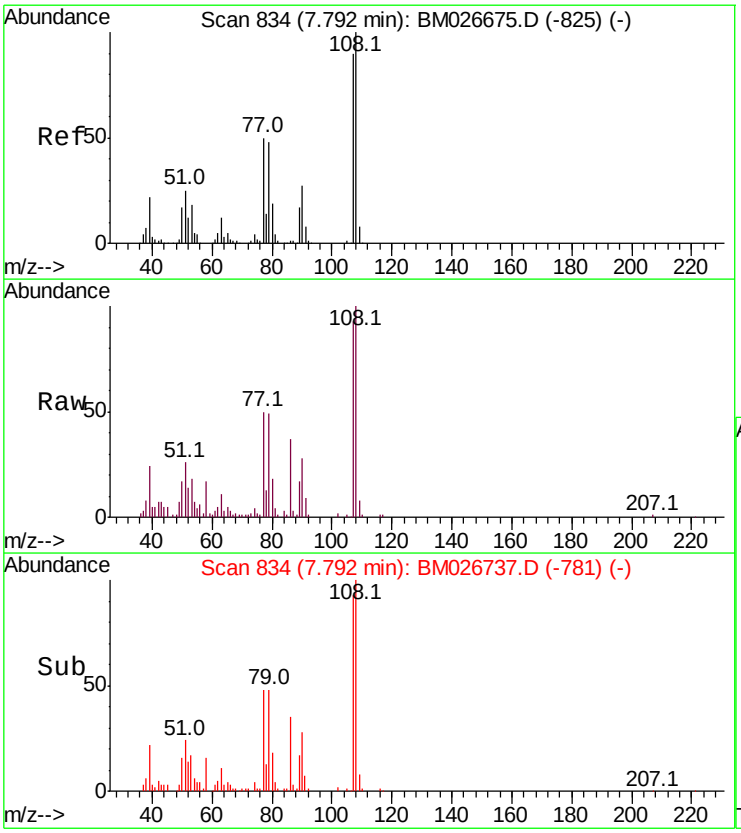
#15
Benzyl Alcohol
Concen: 22.328 ng
RT: 7.55 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion: 79 Resp: 174979

Ion	Ratio	Lower	Upper
79	100		
108	14.3	51.0	76.4#
77	58.9	52.1	78.1

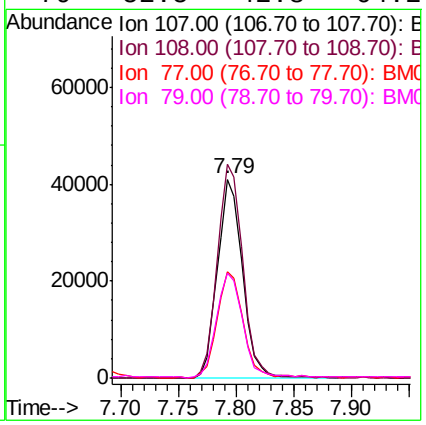


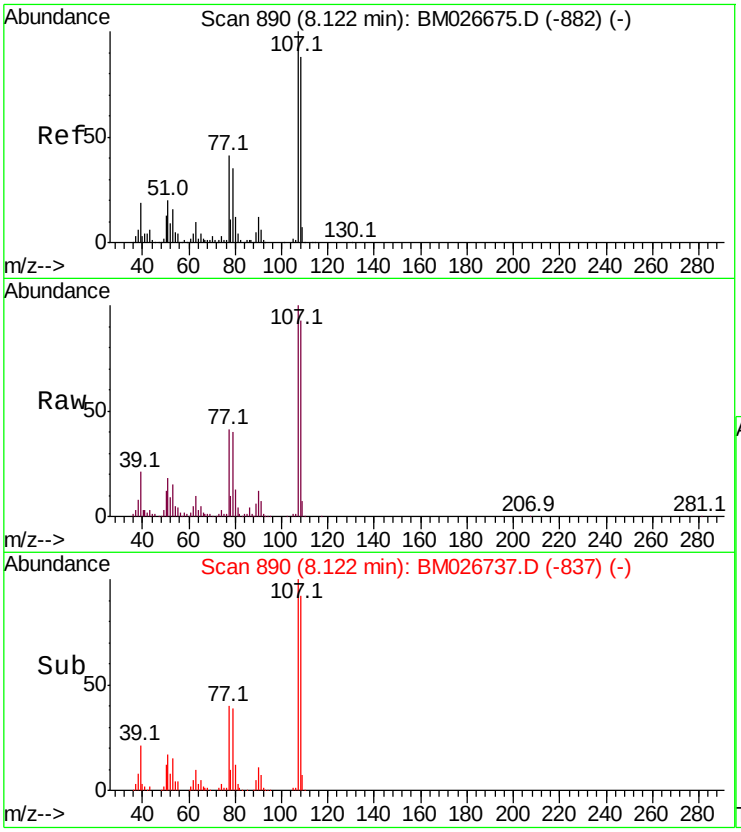


#17
2-Methylphenol
Concen: 8.975 ng
RT: 7.79 min Scan# 834
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:107 Resp: 61744

Ion	Ratio	Lower	Upper
107	100		
108	107.5	89.4	134.0
77	53.4	45.2	67.8
79	52.5	42.8	64.2



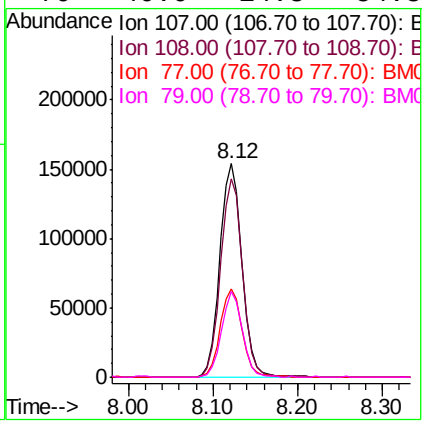


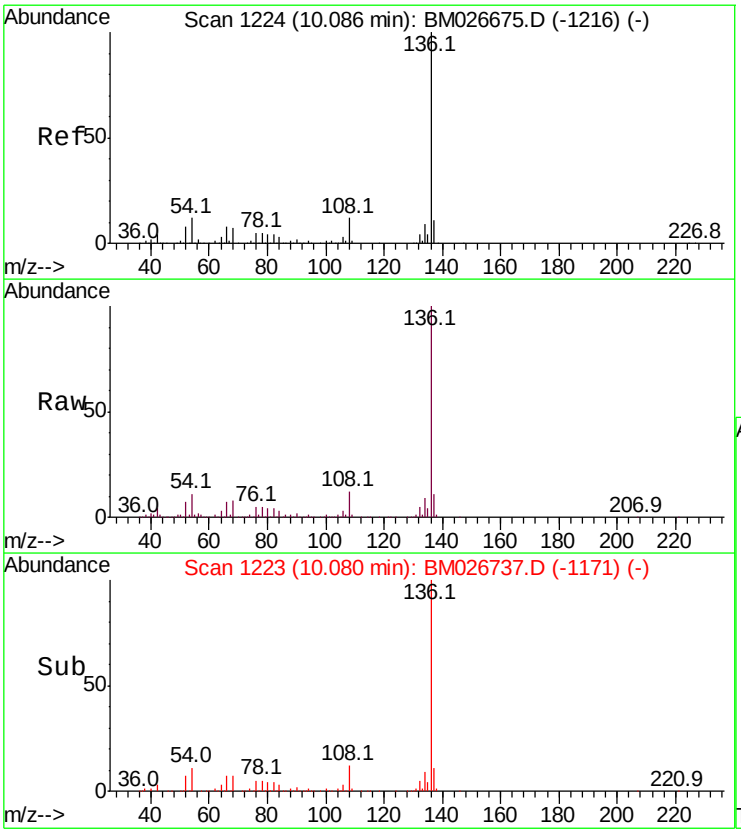
#20
3+4-Methylphenols
Concen: 29.563 ng
RT: 8.12 min Scan# 890
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:107 Resp: 279596

Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.5	108.5
77	41.4	20.8	60.8
79	40.0	14.8	54.8

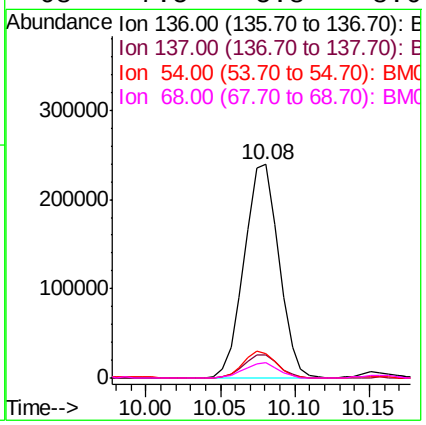


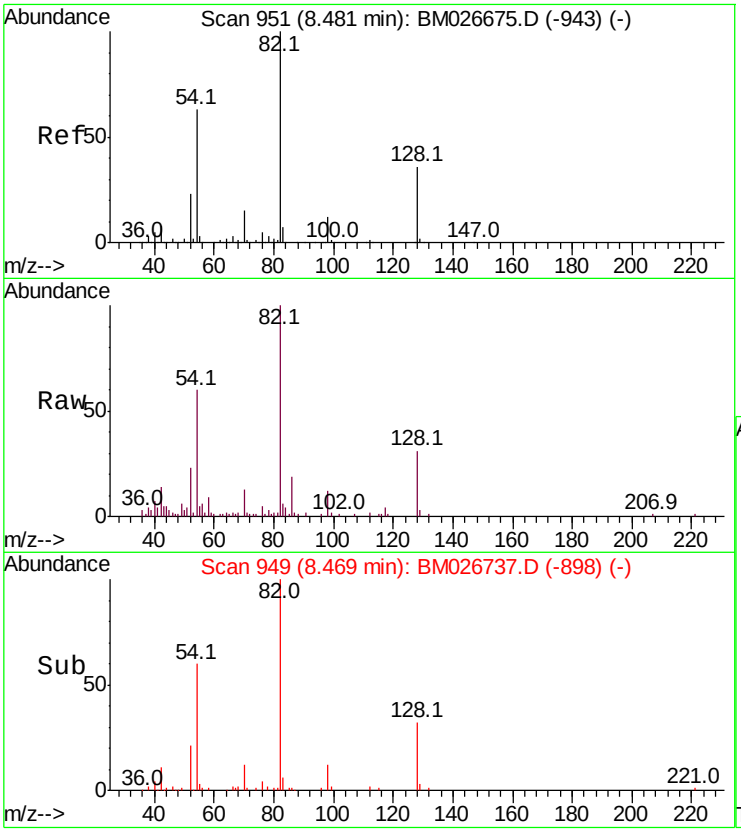


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.08 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:136 Resp: 383958

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	11.1	9.8	14.6
68	7.5	5.8	8.6



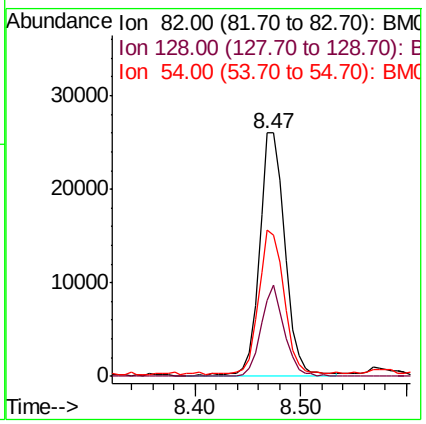


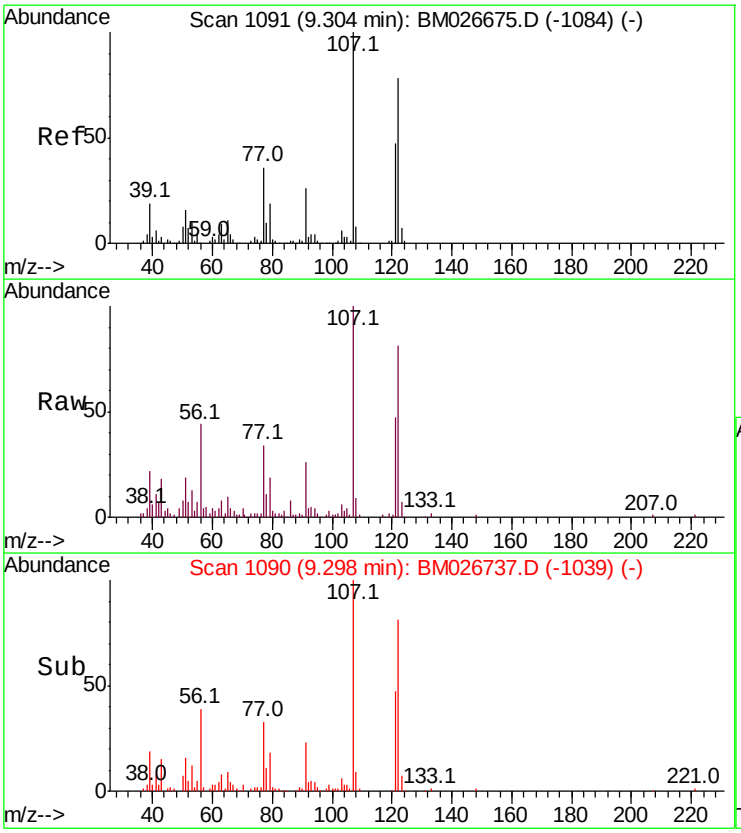
#23
Nitrobenzene-d5
Concen: 4.894 ng
RT: 8.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion: 82 Resp: 44047

Ion	Ratio	Lower	Upper
82	100		
128	31.4	29.1	43.7
54	60.2	50.2	75.4

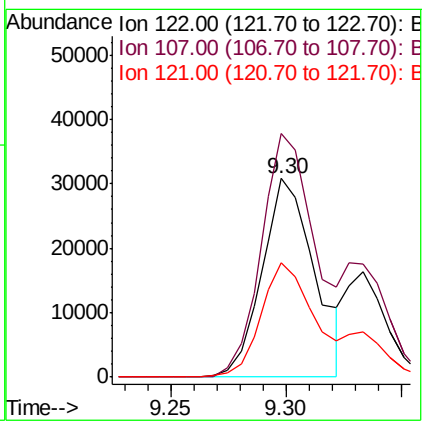


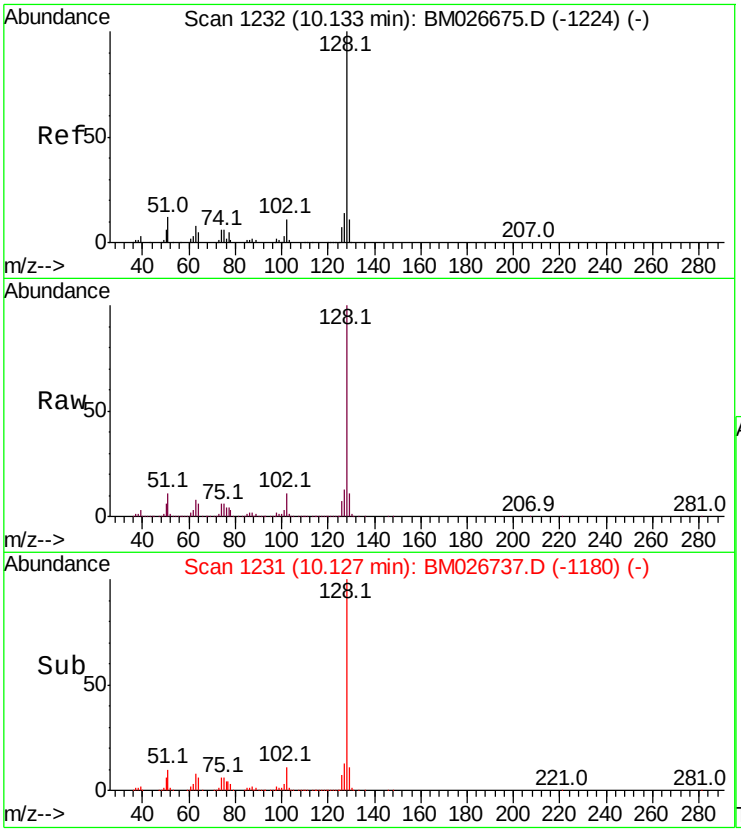


#27
2,4-Dimethylphenol
Concen: 8.559 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:122 Resp: 48633

Ion	Ratio	Lower	Upper
122	100		
107	122.8	102.1	153.1
121	58.0	48.2	72.2



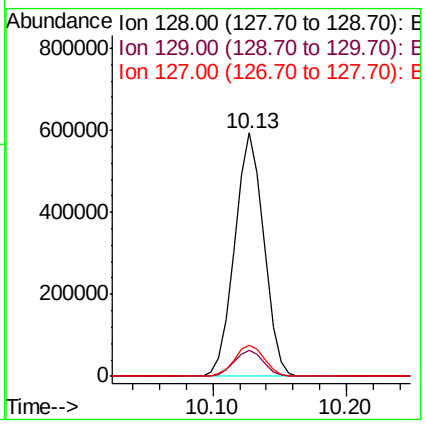


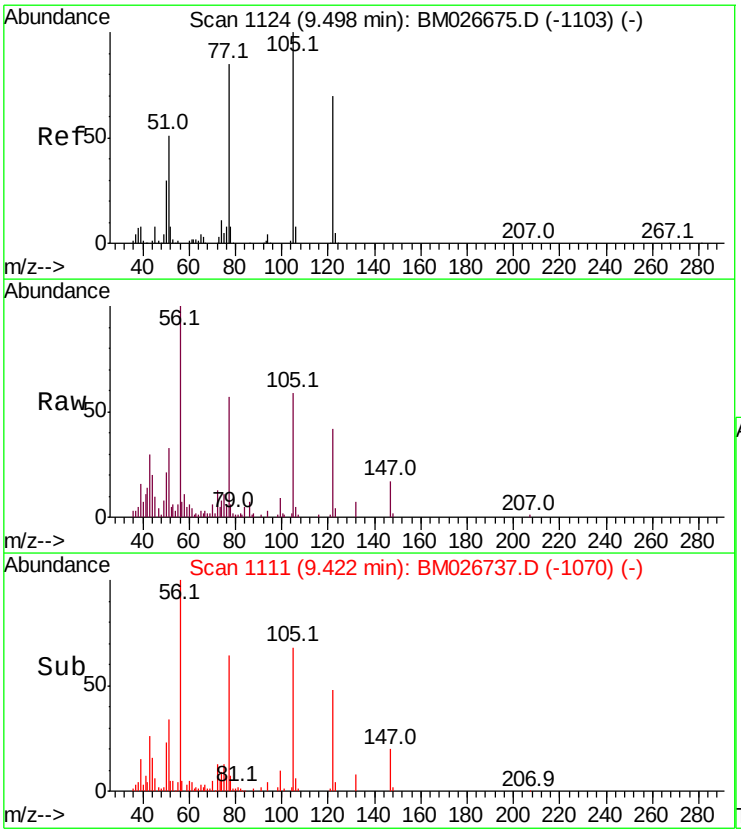
#31
Naphthalene
Concen: 41.912 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:128 Resp: 895036

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.9	10.8	16.2

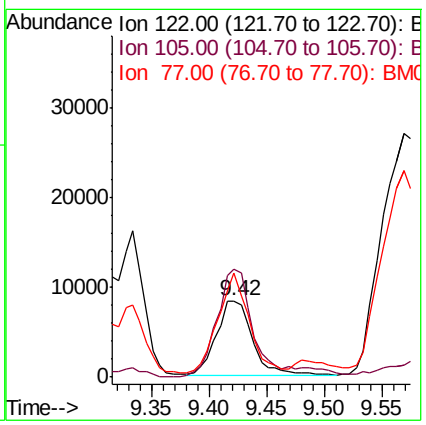


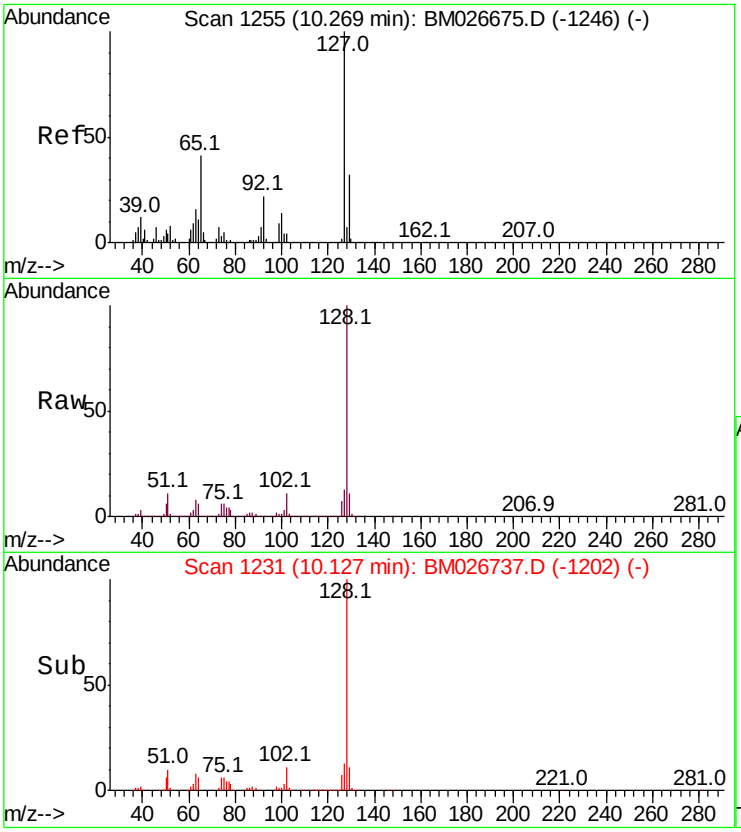


#32
Benzoic acid
Concen: 10.289 ng
RT: 9.42 min Scan# 1111
Delta R.T. -0.06 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:122 Resp: 18465

Ion	Ratio	Lower	Upper
122	100		
105	141.7	120.9	160.9
77	136.8	100.0	140.0



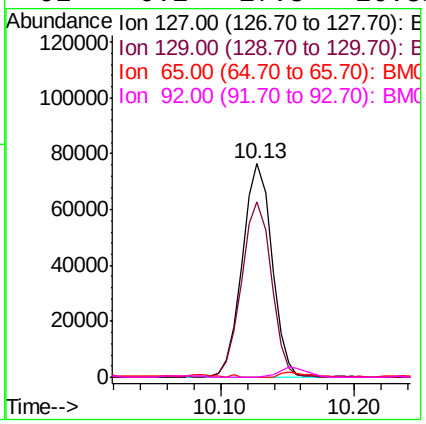


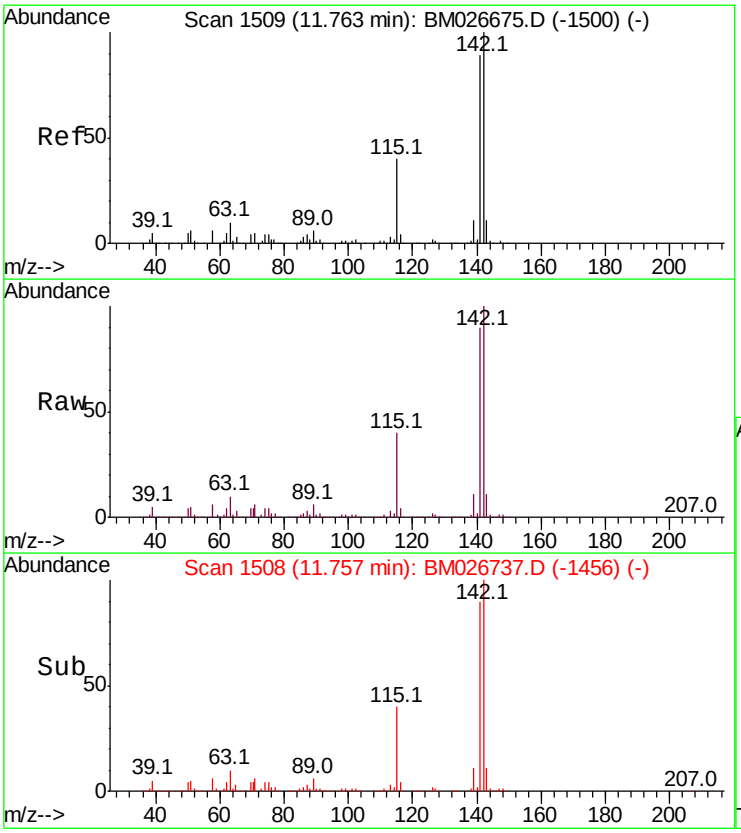
#33
4-Chloroaniline
Concen: 12.559 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.13 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:127 Resp: 117329

Ion	Ratio	Lower	Upper
127	100		
129	82.3	25.8	38.6#
65	0.0	32.5	48.7#
92	0.2	17.8	26.8#

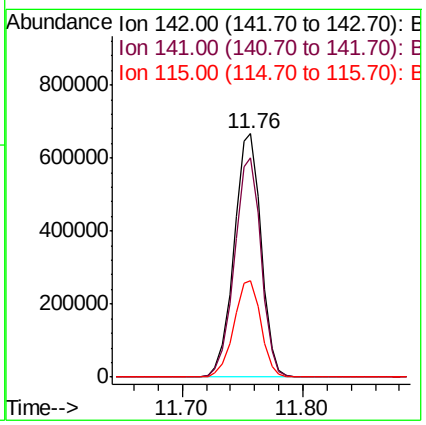


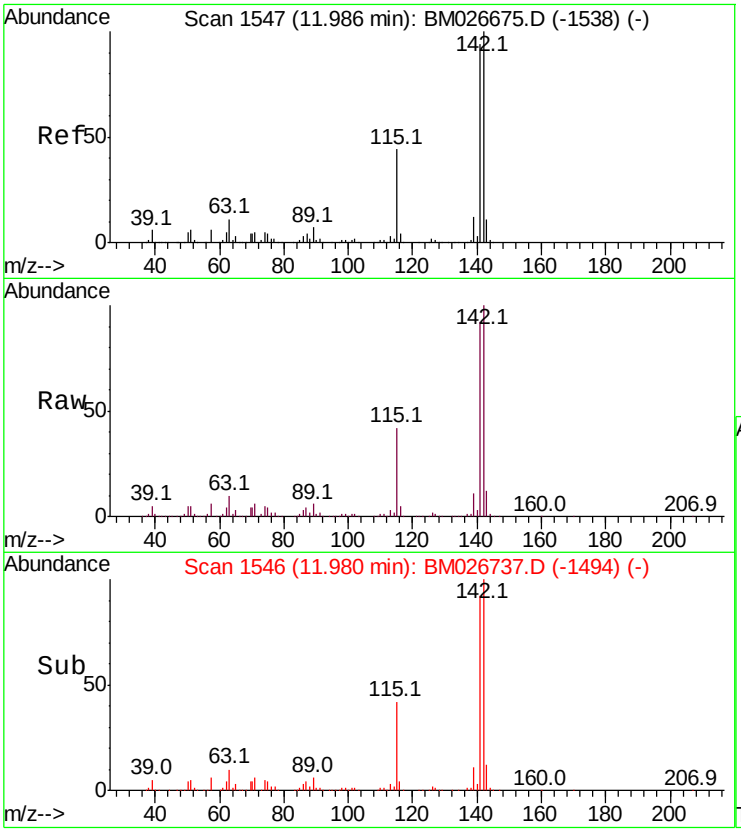


#37
2-Methylnaphthalene
Concen: 65.520 ng
RT: 11.76 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:142 Resp: 1036480

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0
115	39.8	32.1	48.1



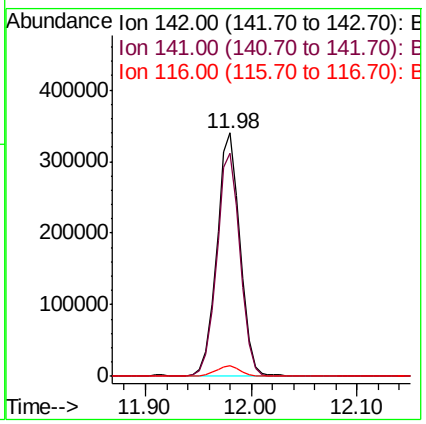


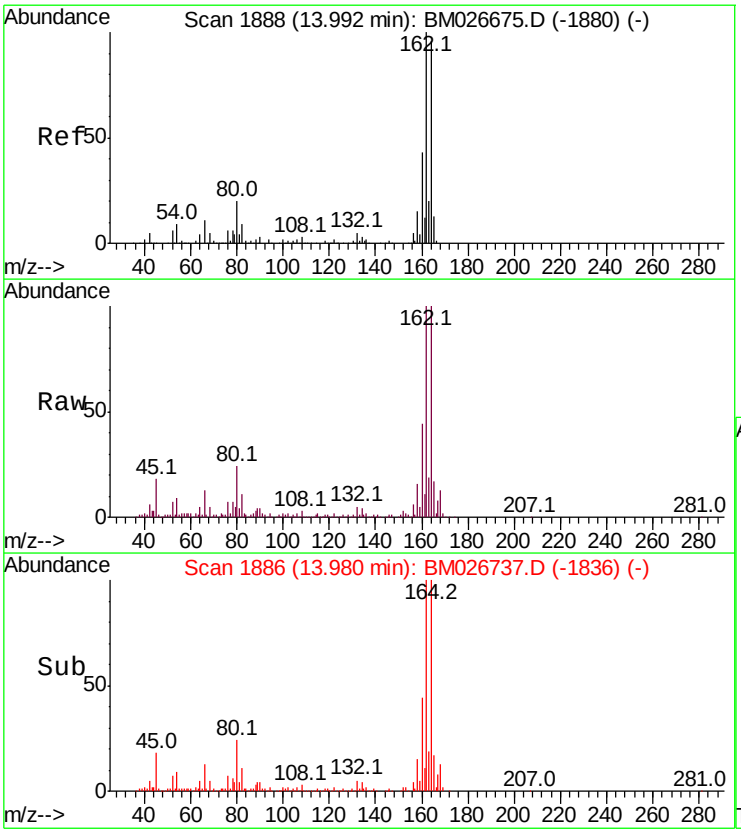
#38
1-Methylnaphthalene
Concen: 34.212 ng
RT: 11.98 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:142 Resp: 518512

Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.0	112.6
116	4.6	3.5	5.3

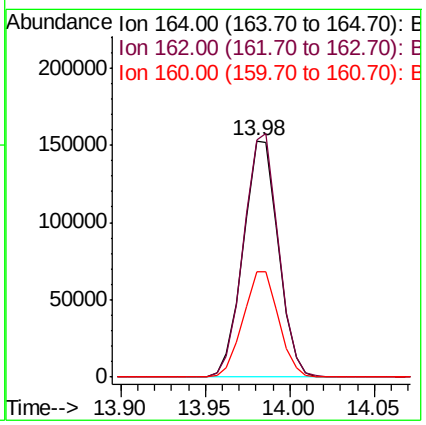


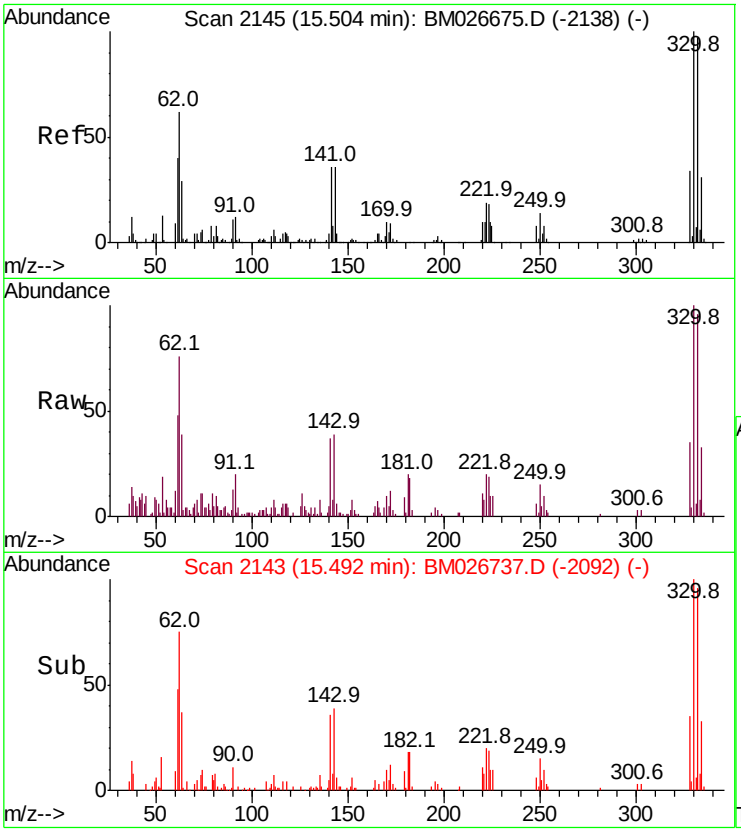


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.98 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:164 Resp: 221722

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.7	125.5
160	44.5	36.2	54.2



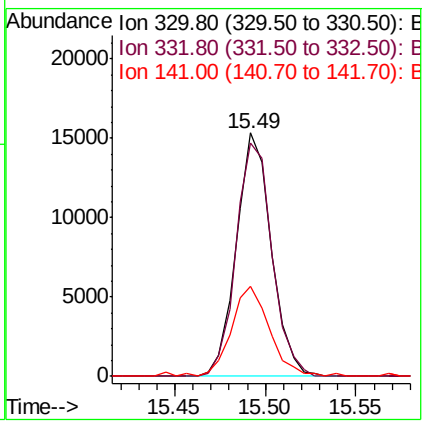


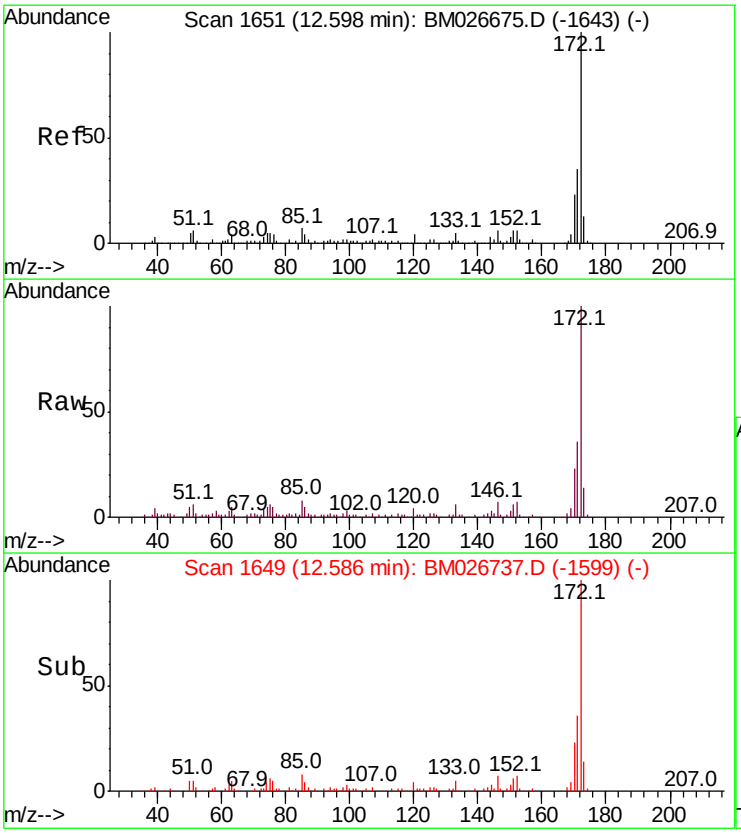
#42
2,4,6-Tribromophenol
Concen: 6.353 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:330 Resp: 20518

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.5	116.3
141	40.4	32.4	48.6

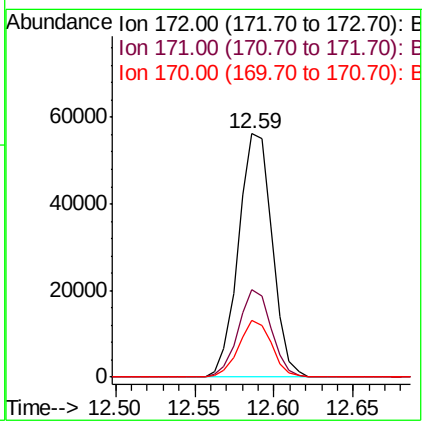


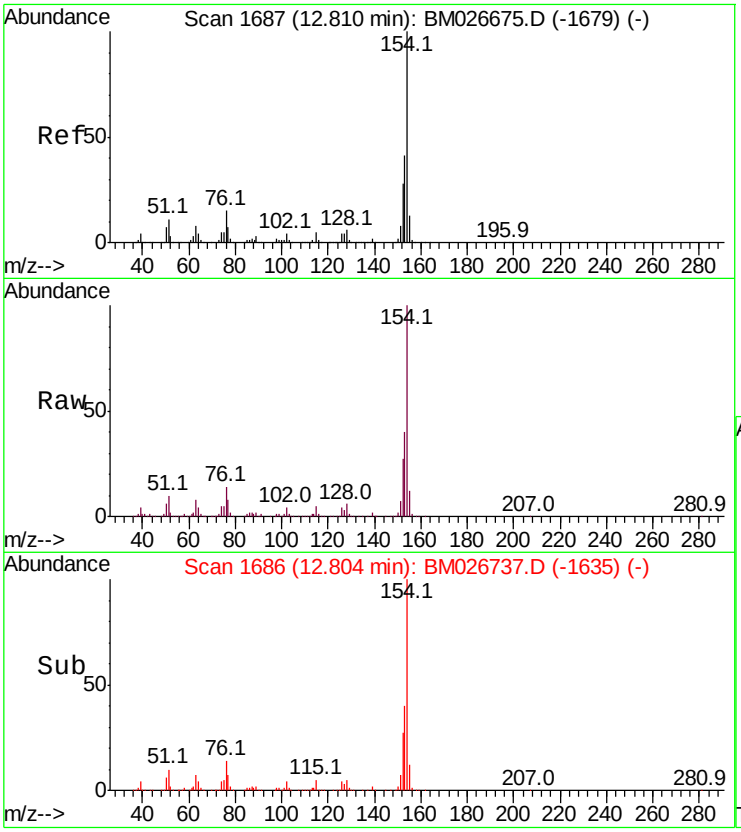


#45
2-Fluorobiphenyl
Concen: 4.965 ng
RT: 12.59 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:172 Resp: 82787

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	23.4	18.5	27.7



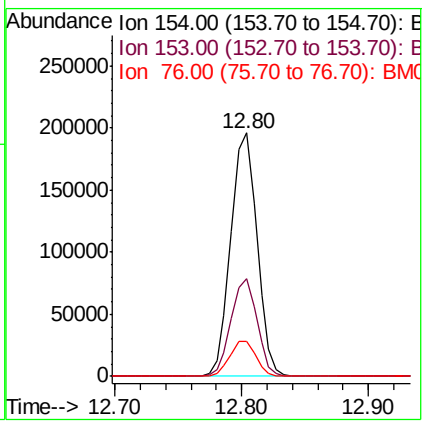


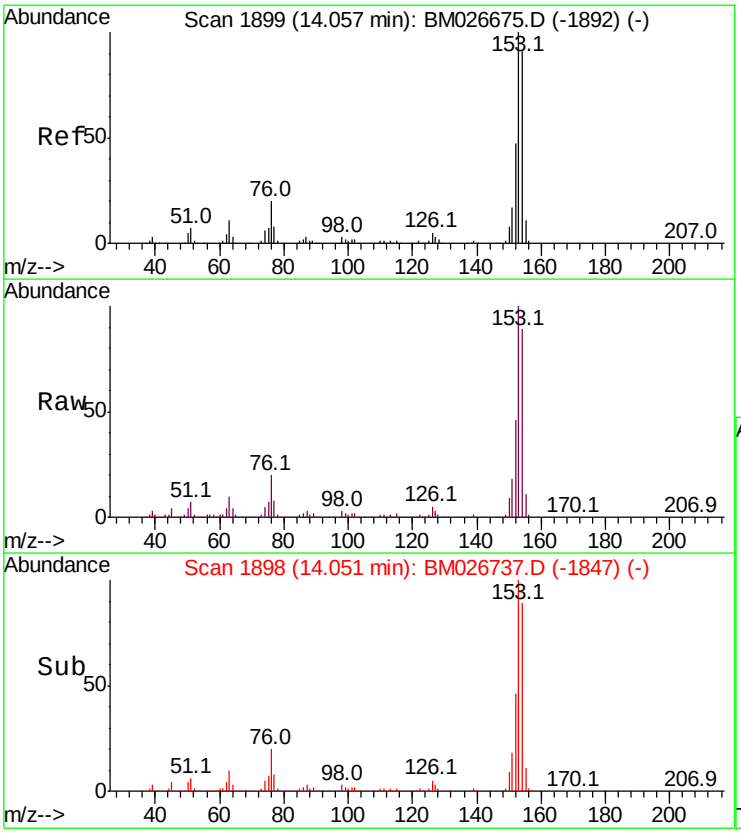
#46
1,1'-Biphenyl
Concen: 16.031 ng
RT: 12.80 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:154 Resp: 280759

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.9	60.9
76	14.4	0.0	35.2

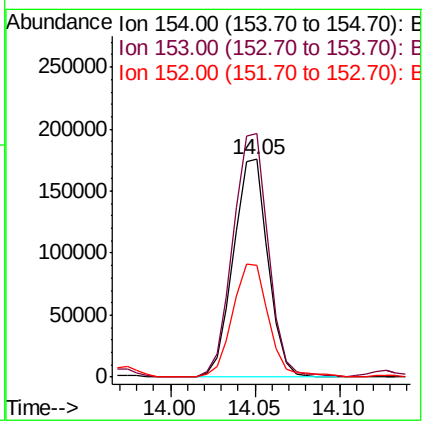


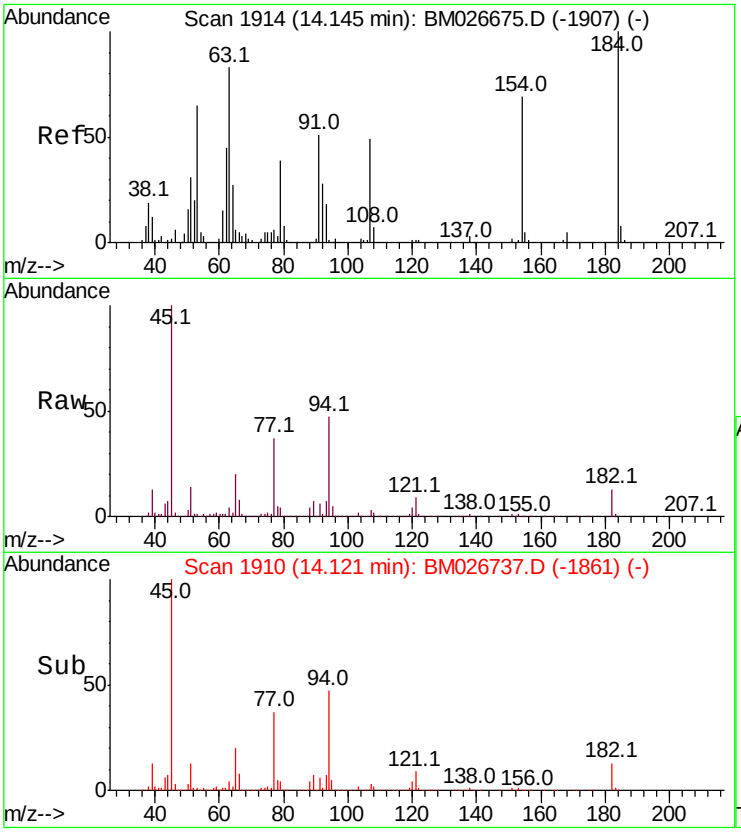


#52
Acenaphthene
Concen: 18.221 ng
RT: 14.05 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:154 Resp: 250464

Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.3	132.5
152	51.6	41.1	61.7



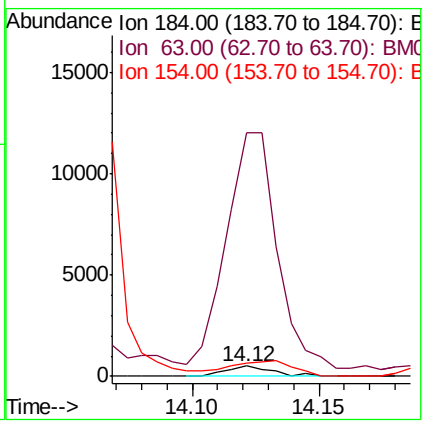


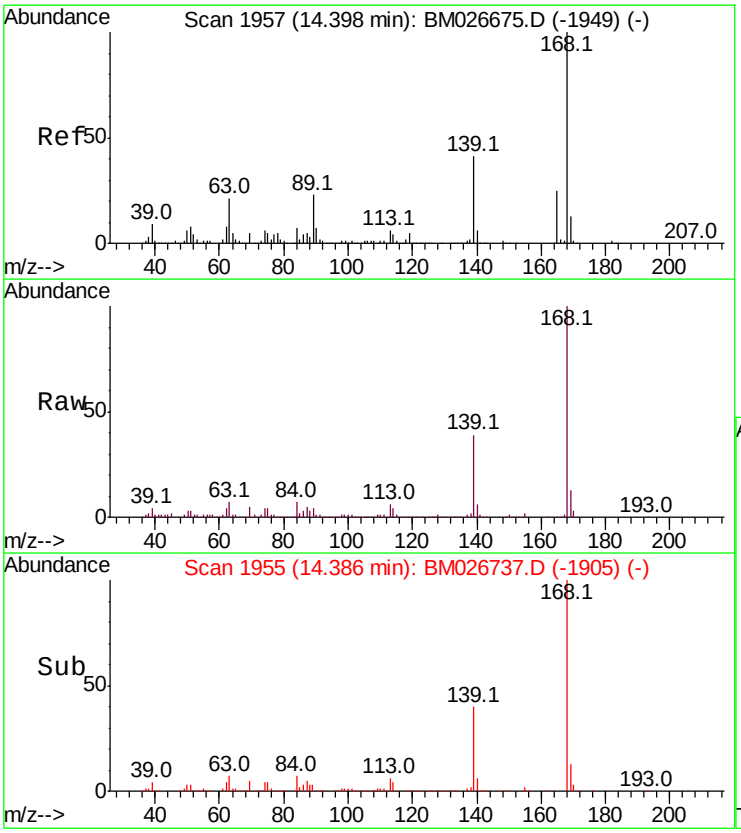
#54
2,4-Dinitrophenol
Concen: 6.478 ng
RT: 14.12 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:184 Resp: 636

Ion	Ratio	Lower	Upper
184	100		
63	2394.8	66.2	99.4#
154	128.3	55.2	82.8#

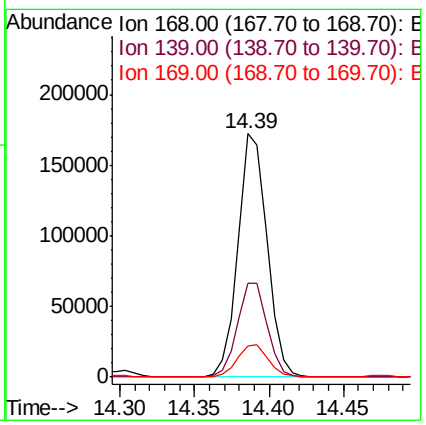


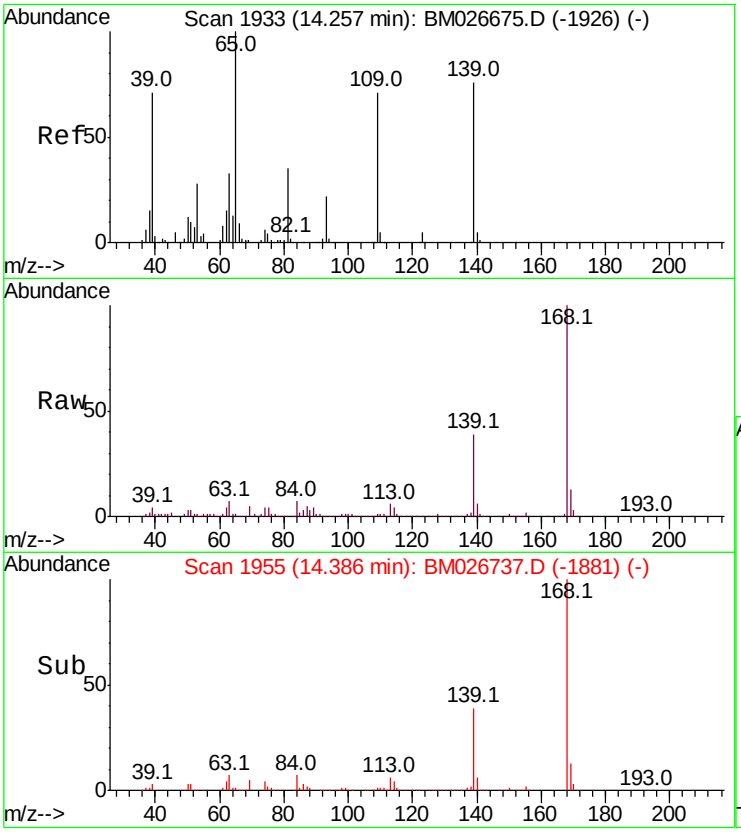


#55
Dibenzofuran
Concen: 10.337 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:168 Resp: 232964

Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.6	48.8
169	12.9	10.5	15.7



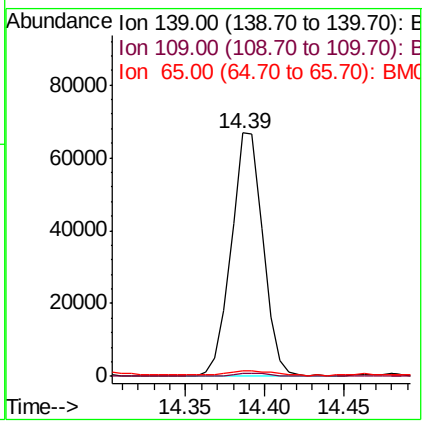


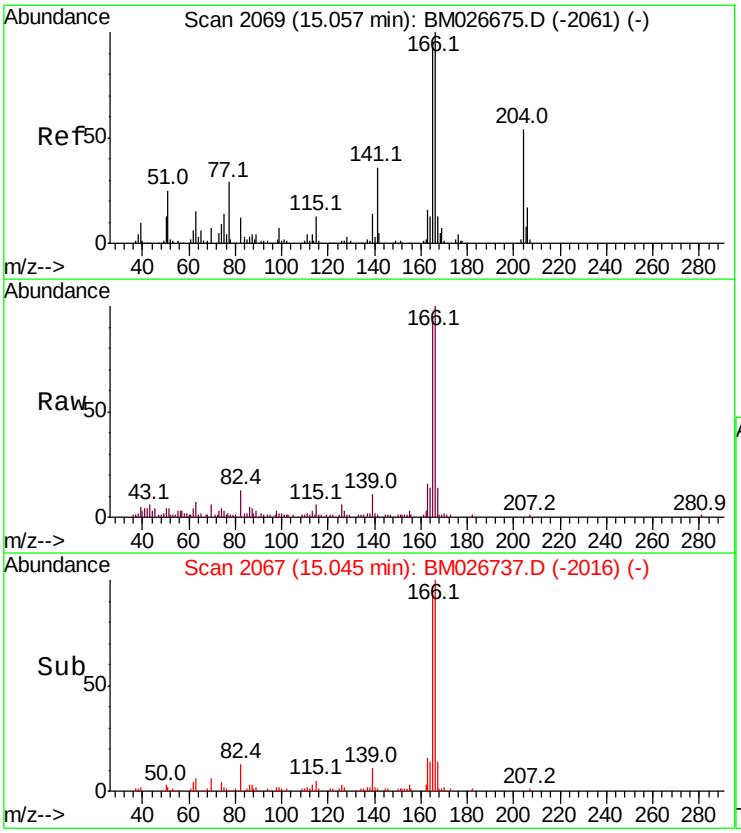
#56
4-Nitrophenol
Concen: 27.908 ng
RT: 14.39 min Scan# 1955
Delta R.T. 0.14 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:139 Resp: 92920

Ion	Ratio	Lower	Upper
139	100		
109	1.4	73.7	113.7#
65	2.2	111.5	151.5#

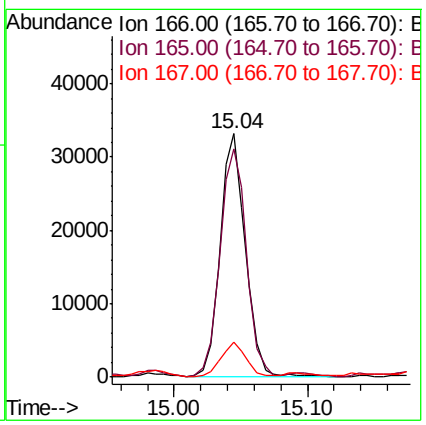


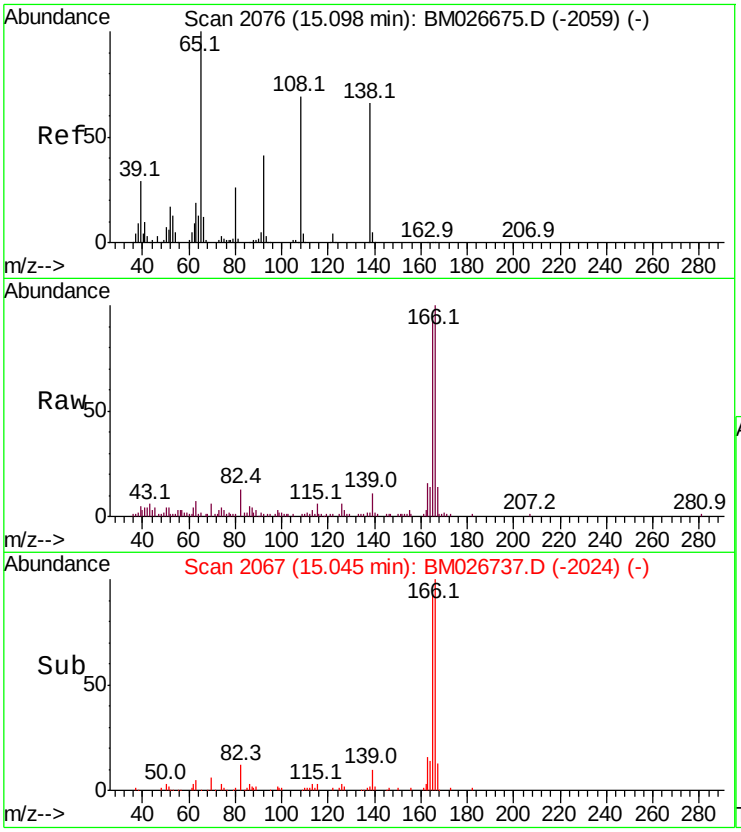


#58
Fluorene
Concen: 2.369 ng
RT: 15.04 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:166 Resp: 44215

Ion	Ratio	Lower	Upper
166	100		
165	93.5	77.1	115.7
167	14.2	10.8	16.2



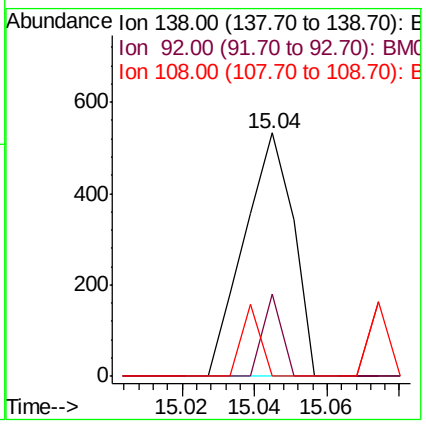


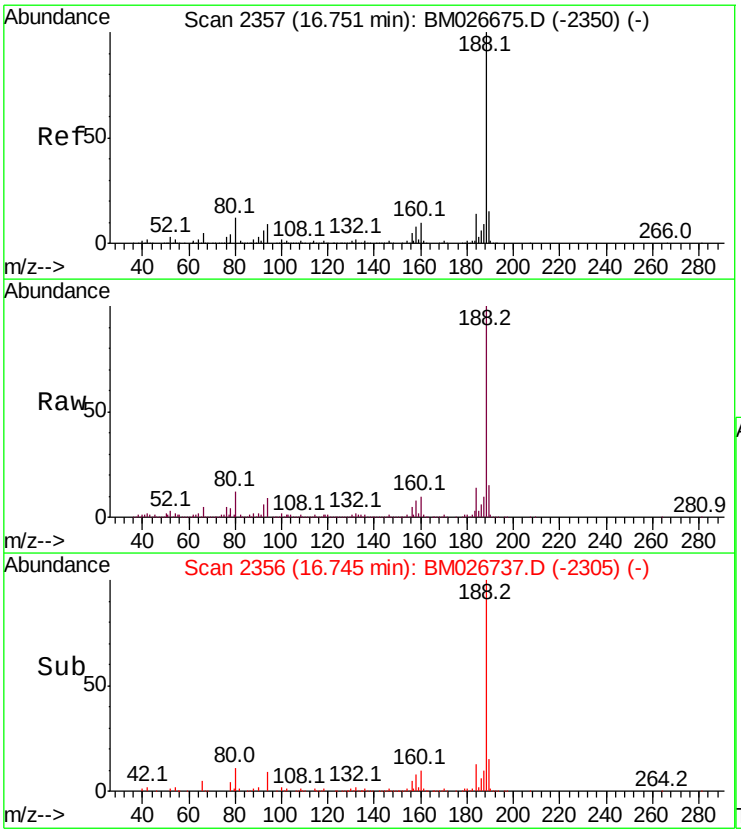
#62
4-Nitroaniline
Concen: 3.236 ng
RT: 15.04 min Scan# 2067
Delta R.T. -0.05 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:138 Resp: 499

Ion	Ratio	Lower	Upper
138	100		
92	34.0	41.5	81.5#
108	0.0	84.8	124.8#

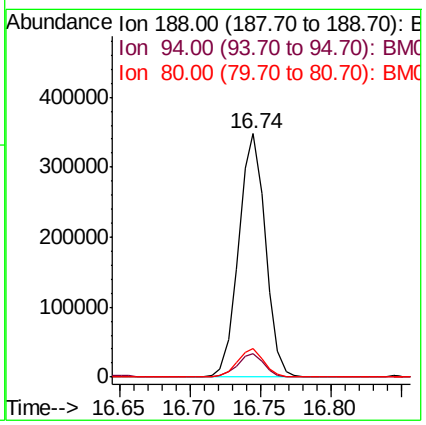


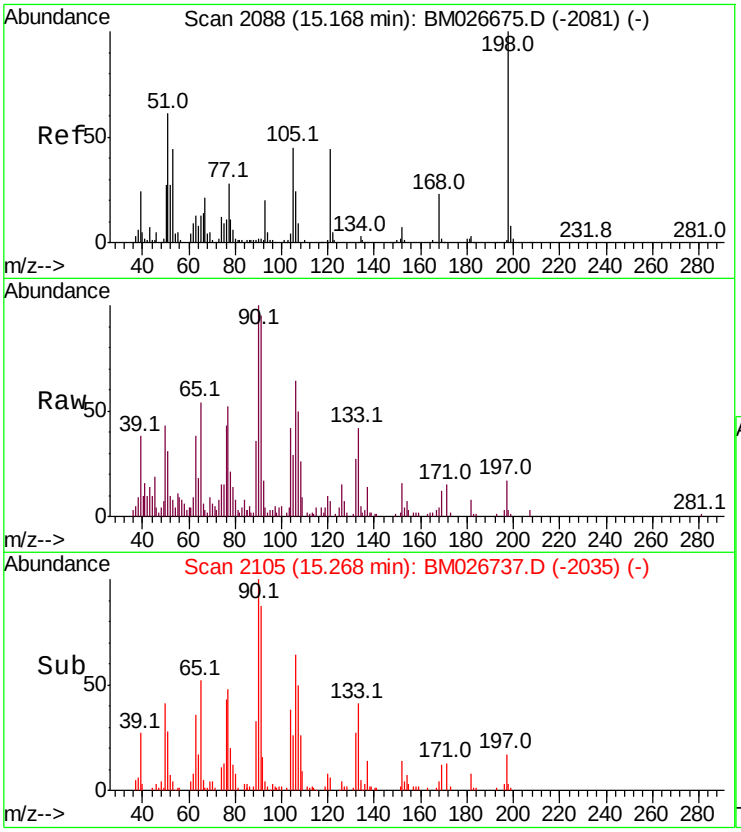


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:188 Resp: 458905

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.0
80	11.6	9.3	13.9



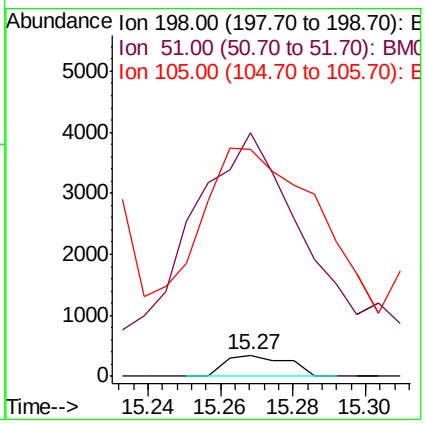


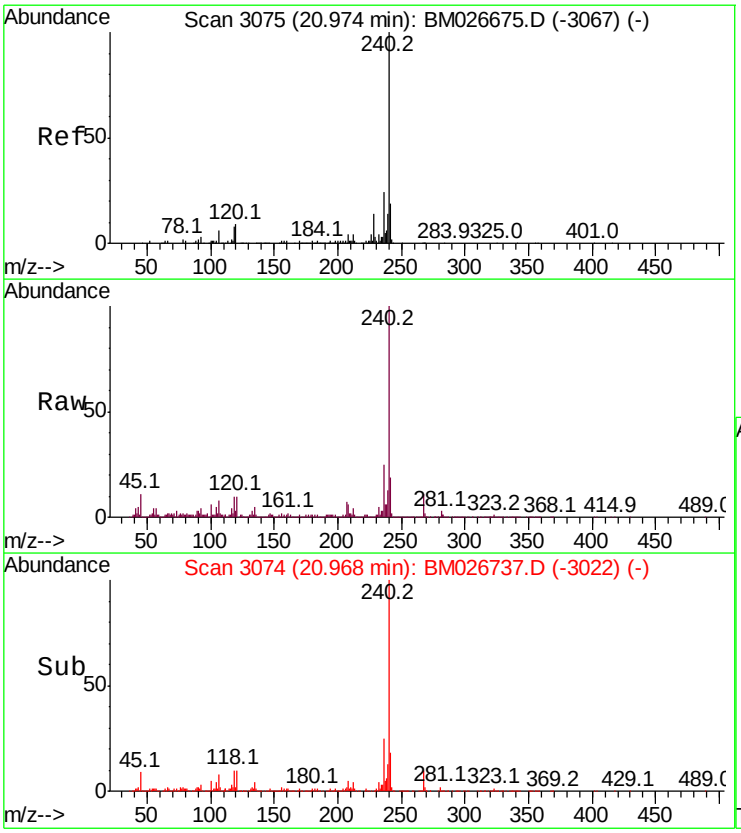
#65
4,6-Dinitro-2-methylphenol
Concen: 4.644 ng
RT: 15.27 min Scan# 2105
Delta R.T. 0.11 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:198 Resp: 408

Ion	Ratio	Lower	Upper
198	100		
51	1166.7	42.0	82.0#
105	1089.8	24.9	64.9#

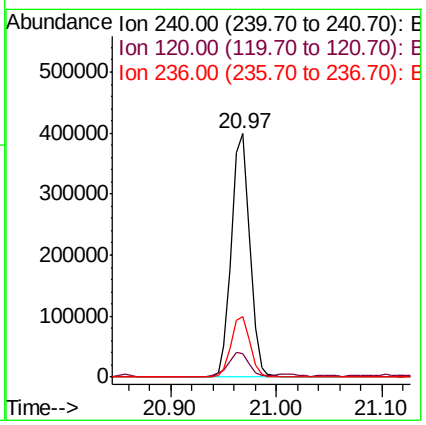


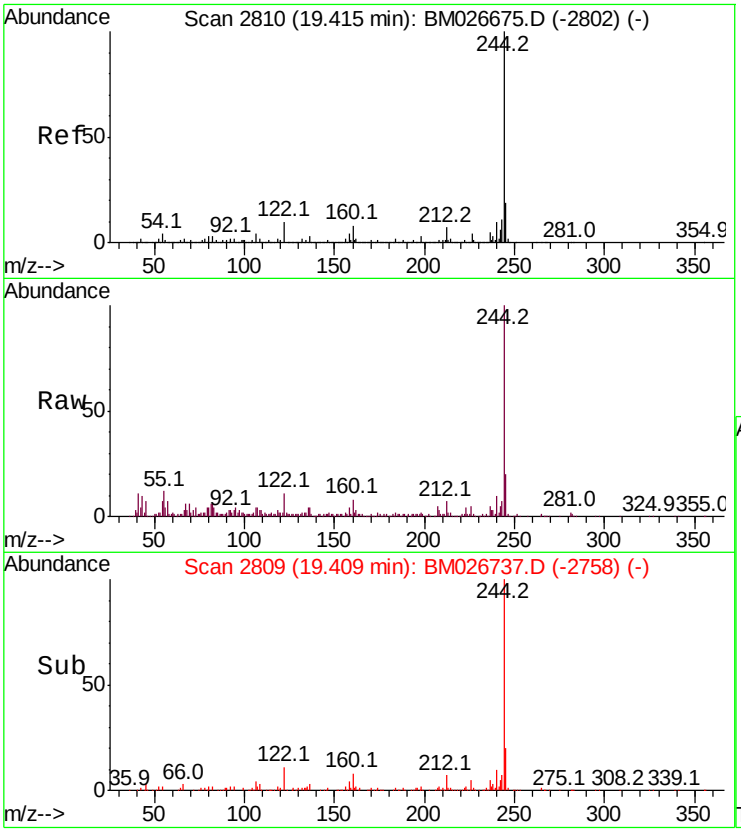


#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.97 min Scan# 3074
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:240 Resp: 474228

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.3	10.9
236	25.0	19.4	29.2



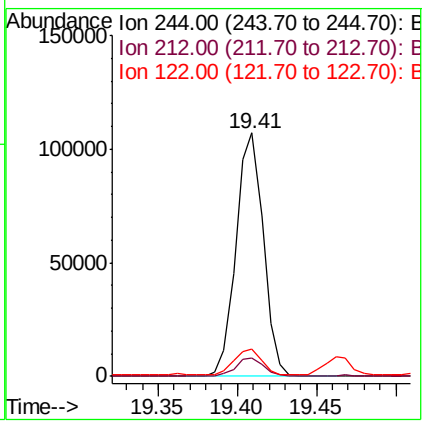


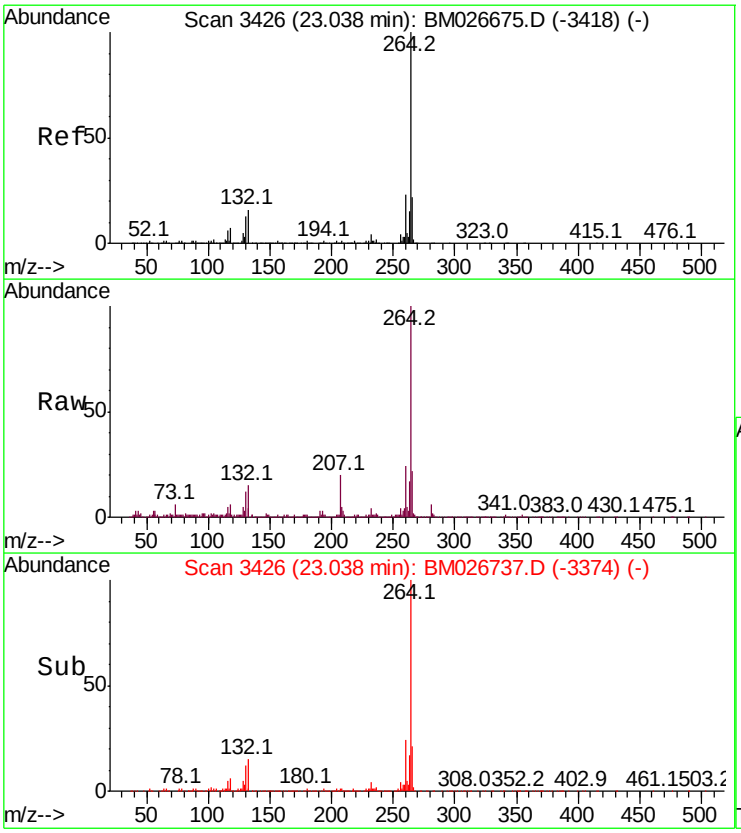
#79
Terphenyl-d14
Concen: 5.307 ng
RT: 19.41 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Instrument :
BNA_M
ClientSampleId :
E3-41-NHLDL

Tgt Ion:244 Resp: 127870

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.2	8.2	12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.04 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BM026737.D
Acq: 10 Jul 2020 17:01

Tgt Ion:264 Resp: 479784

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.3	17.6	26.4