Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
Data File : BM019039.D
Acq On : 05 Mar 2019 16:36
Operator : JU/SJ
Sample : PB117506BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB117506BL

Quant Time: Mar 06 05:54:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	205327	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	747658	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	369323	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	721286	20.00	ng		0.00
76) Chrysene-d12	21.29	240	696416	20.00	ng		0.00
87) Perylene-d12	23.53	264	763327	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1066015	85.07	ng		0.00
7) Phenol-d6	6.85	99	1379235	78.13	ng		0.00
23) Nitrobenzene-d5	8.85	82	862356	53.33	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	381047	71.58	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	1632595	58.68	ng		-0.01
79) Terphenyl-d14	19.72	244	1968492	58.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	161	0.029	ng	#	1
3) Pyridine	3.60	79	364	0.024	ng	#	1
4) n-Nitrosodimethylamine	3.54	42	263	0.069	ng	#	1
9) Benzaldehyde	6.86	77	2986	Below Cal		#	7
15) Benzyl Alcohol	7.99	79	15250	1.087	ng	#	41
16) 2,2'-oxybis(1-Chloropropan	8.22	45	627	0.046	ng	#	53
24) Nitrobenzene	8.93	77	126	0.008	ng	#	44
25) Isophorone	9.39	82	308	0.012	ng	#	68
46) 1,1'-Biphenyl	13.16	154	2281	0.072	ng		87
52) Acenaphthene	14.33	154	1364	0.061	ng	#	4
63) Azobenzene	15.73	77	114	0.003	ng	#	57
71) Phenanthrene	17.13	178	503	0.013	ng	#	60
73) Carbazole	17.53	167	119	0.003	ng	#	58
74) Di-n-butylphthalate	18.06	149	7926	0.175	ng	#	98
75) Fluoranthene	19.16	202	941	0.021	ng		64
78) Pyrene	19.52	202	1213	0.030	ng	#	57
80) Butylbenzylphthalate	20.42	149	2091	0.113	ng	#	70
81) Benzo(a)anthracene	21.28	228	3232	0.080	ng	#	62
82) 3,3'-Dichlorobenzidine	21.20	252	127	0.008	ng	#	26
83) Chrysene	21.33	228	1343	0.035	ng	#	49
84) Bis(2-ethylhexyl)phthalate	21.19	149	1559	0.058	ng	#	94
85) Di-n-octyl phthalate	22.06	149	1082	0.024	ng	#	1
88) Benzo(b)fluoranthene	22.86	252	570	0.013	ng	#	1
89) Benzo(k)fluoranthene	22.89	252	276	0.006	ng	#	1
90) Benzo(a)pyrene	23.43	252	479	0.012	ng	#	1

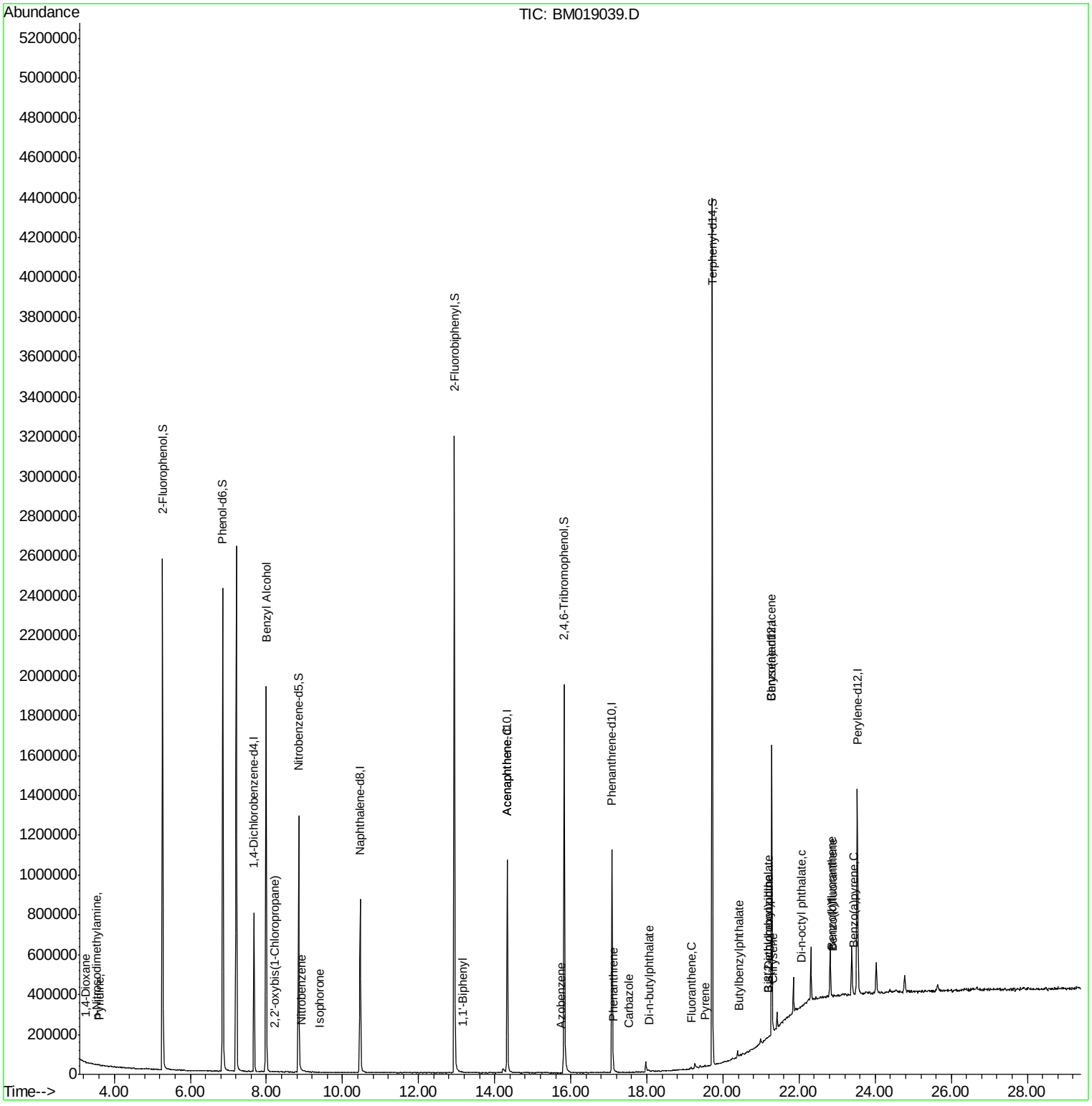
(#) = qualifier out of range (m) = manual integration (+) = signals summed

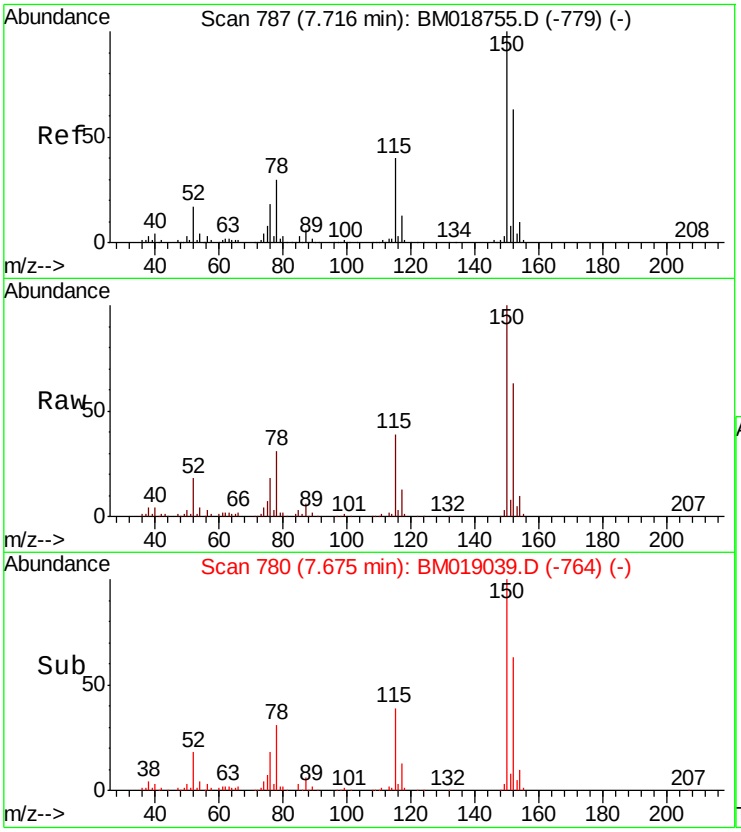
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
Data File : BM019039.D
Acq On : 05 Mar 2019 16:36
Operator : JU/SJ
Sample : PB117506BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Quant Time: Mar 06 05:54:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration



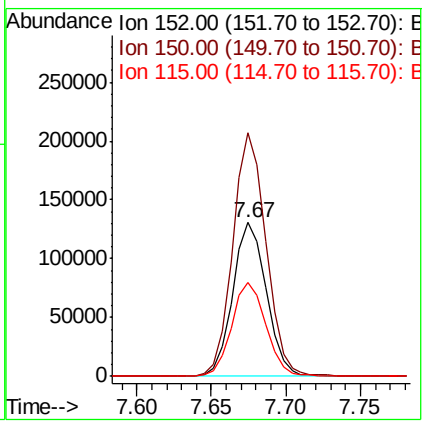


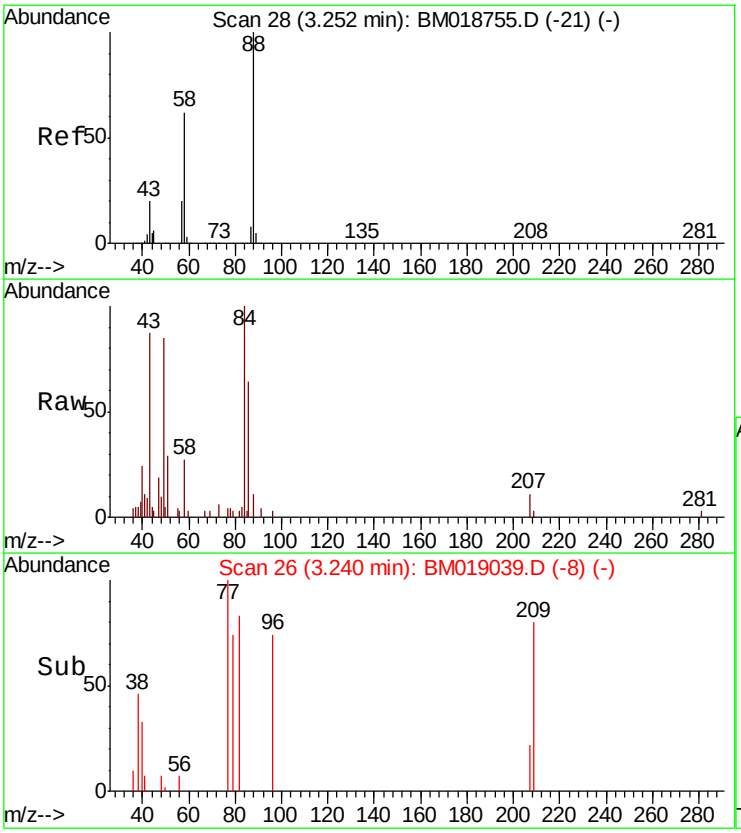
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:152 Resp: 205327

Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.3	190.9
115	61.3	50.8	76.2

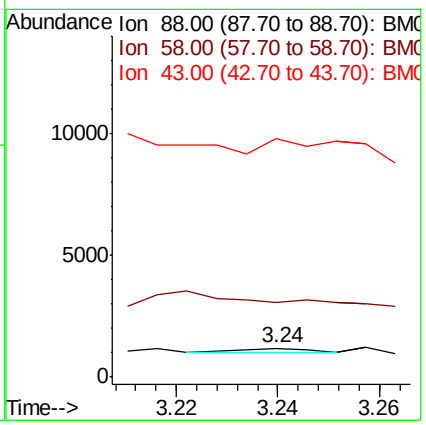


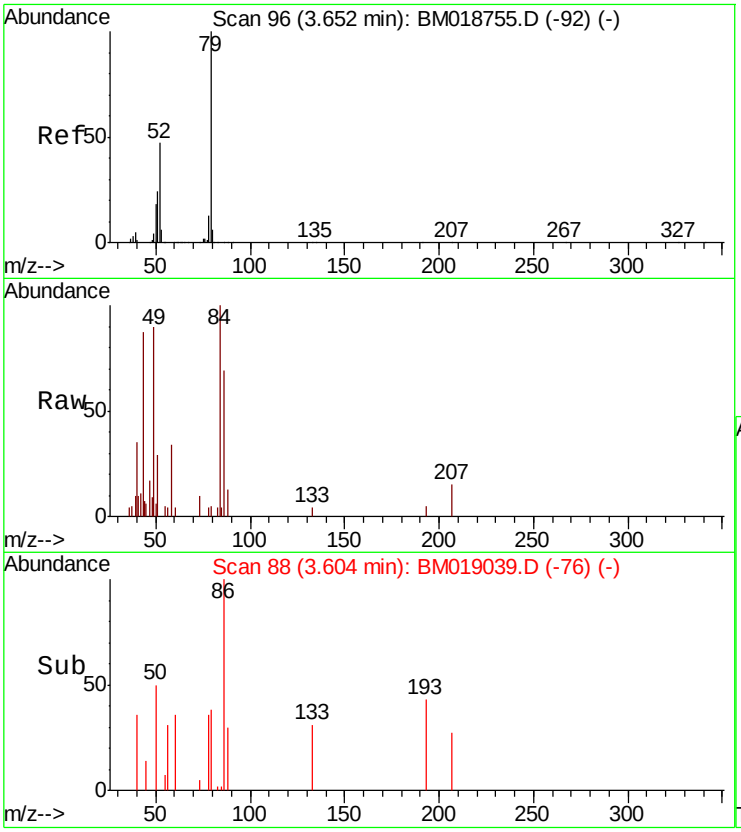


#2
1,4-Dioxane
Concen: 0.029 ng
RT: 3.24 min Scan# 26
Delta R.T. 0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion: 88 Resp: 161

Ion	Ratio	Lower	Upper
88	100		
58	553.4	49.8	74.6#
43	761.5	16.7	25.1#



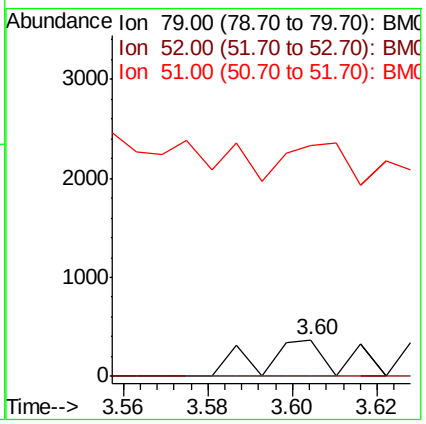


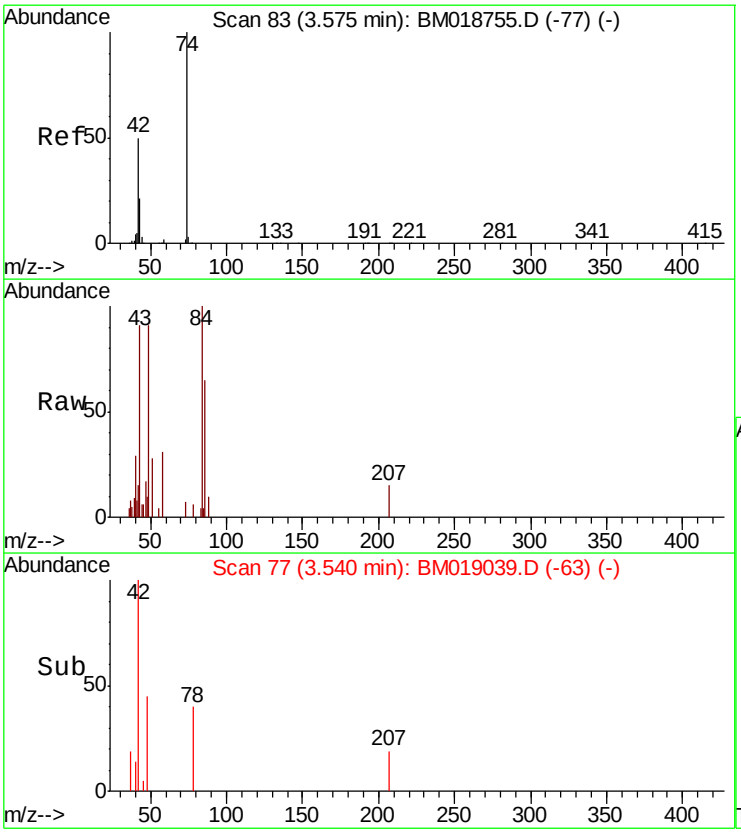
#3
Pyridine
Concen: 0.024 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.03 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion: 79 Resp: 364

Ion	Ratio	Lower	Upper
79	100		
52	0.0	37.6	56.4#
51	630.4	19.7	29.5#

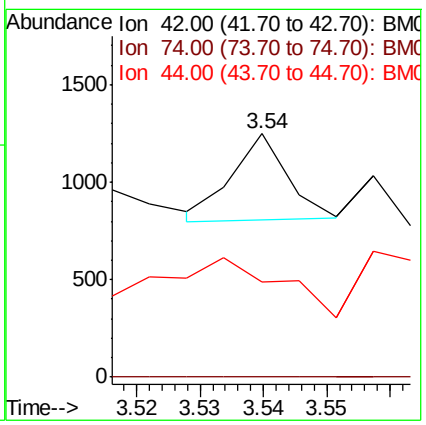


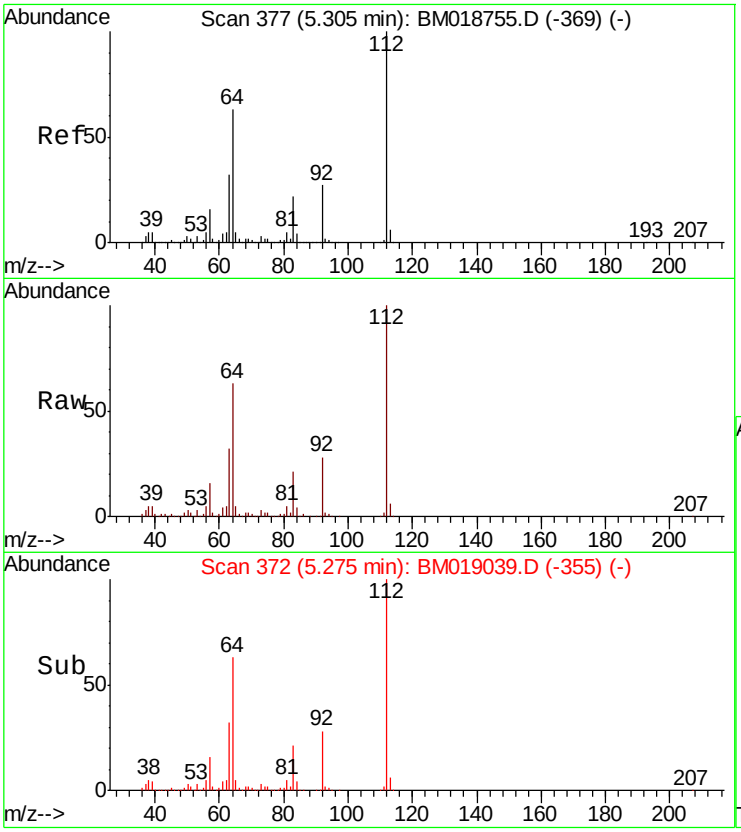


#4
n-Nitrosodimethylamine
Concen: 0.069 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.02 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion: 42 Resp: 263

Ion	Ratio	Lower	Upper
42	100		
74	0.0	158.1	237.1#
44	39.2	4.9	7.3#



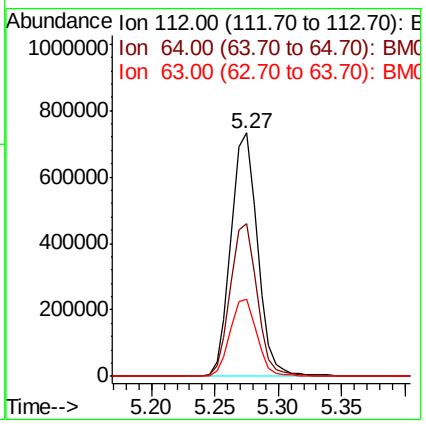


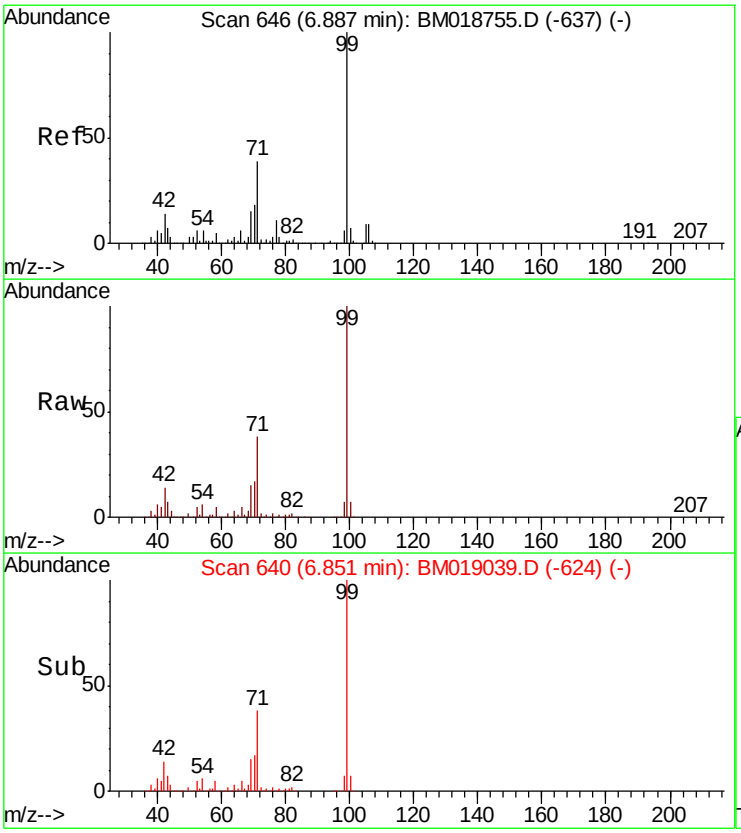
#5
2-Fluorophenol
Concen: 85.066 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:112 Resp: 1066015

Ion	Ratio	Lower	Upper
112	100		
64	62.6	50.6	75.8
63	31.9	25.7	38.5

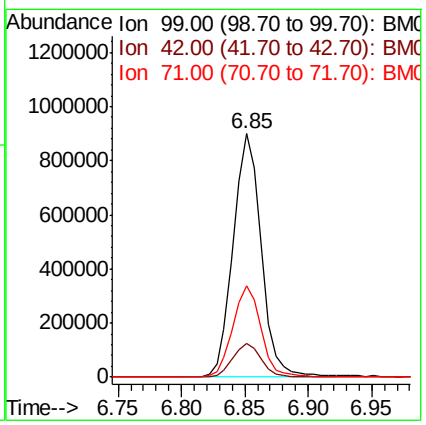


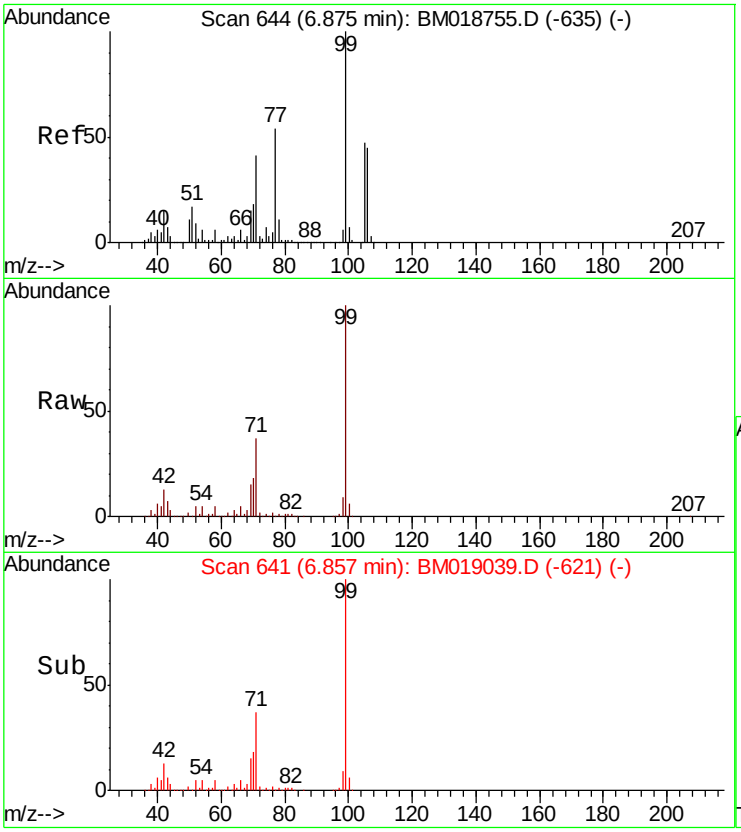


#7
Phenol-d6
Concen: 78.126 ng
RT: 6.85 min Scan# 640
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion: 99 Resp: 1379235

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	37.7	31.3	46.9



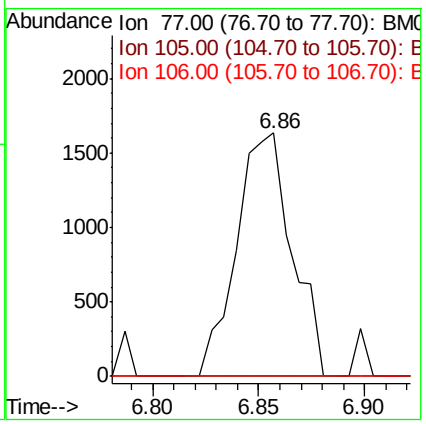


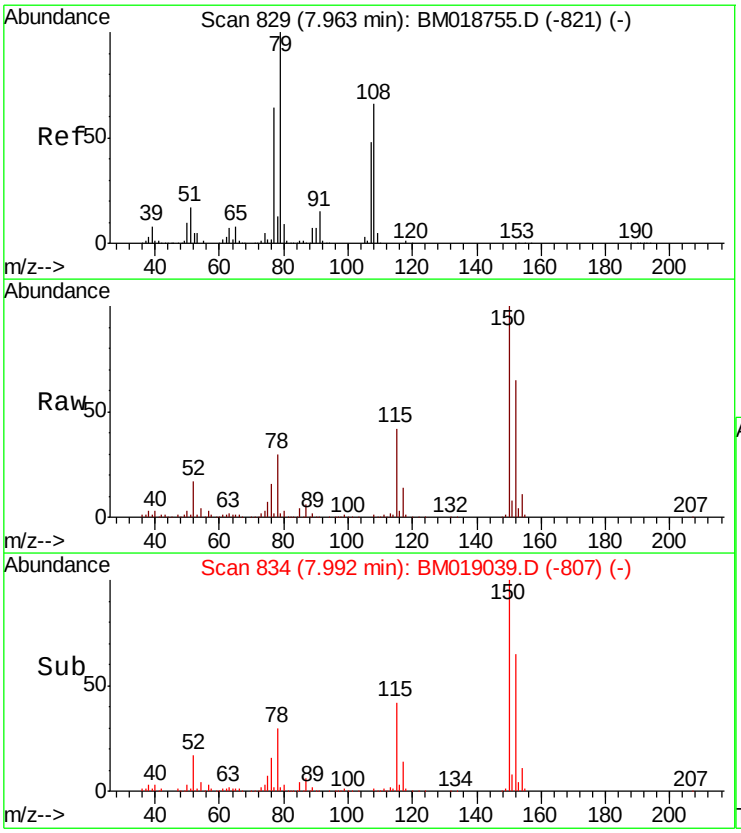
#9
Benzaldehyde
Concen: Below Cal
RT: 6.86 min Scan# 641
Delta R.T. 0.02 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion: 77 Resp: 2986

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.3	107.3#
106	0.0	62.9	102.9#

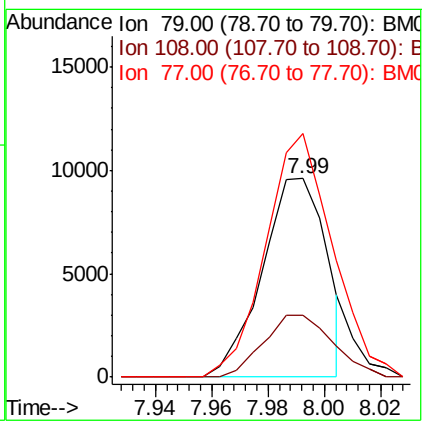


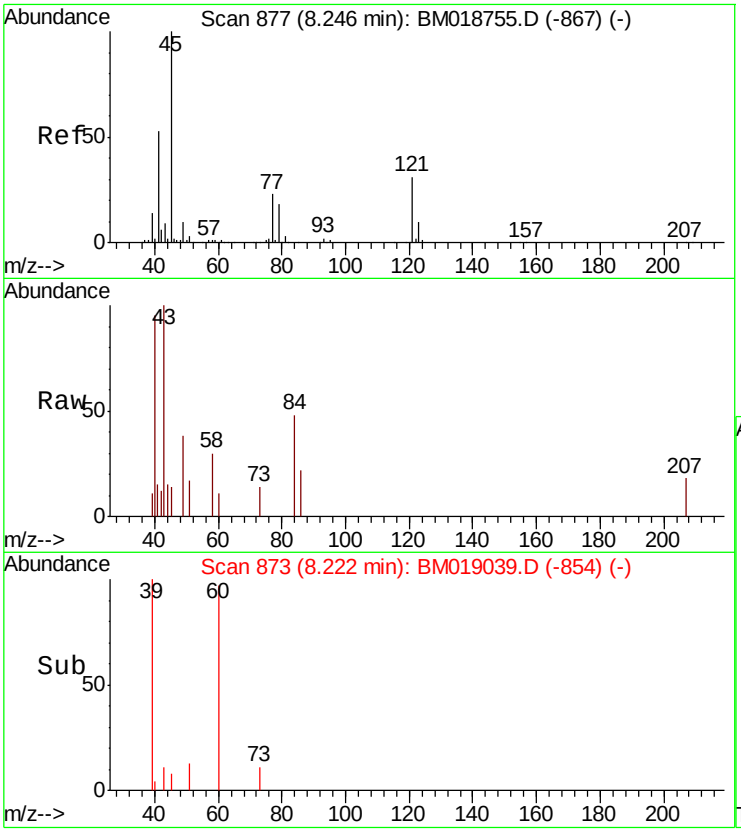


#15
Benzyl Alcohol
Concen: 1.087 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.06 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion: 79 Resp: 15250

Ion	Ratio	Lower	Upper
79	100		
108	31.1	52.7	79.1#
77	122.6	51.0	76.4#



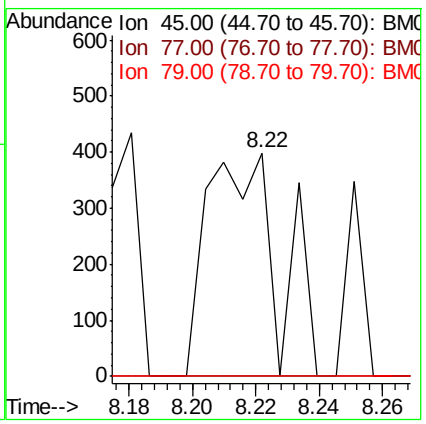


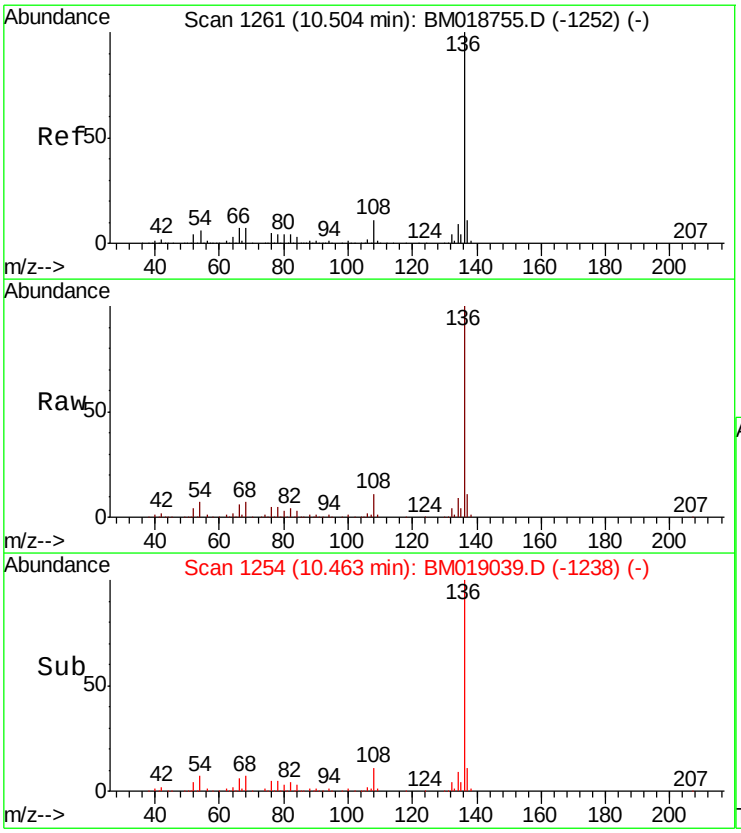
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.046 ng
RT: 8.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion: 45 Resp: 627

Ion	Ratio	Lower	Upper
45	100		
77	0.0	5.0	45.0#
79	0.0	0.0	39.3

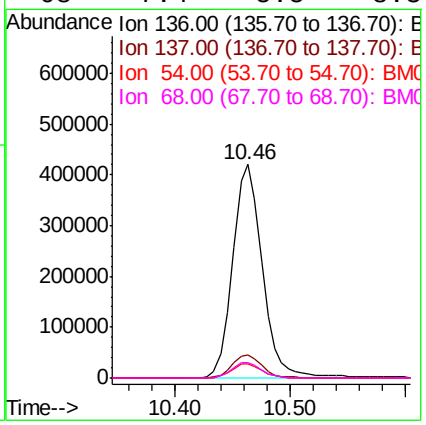


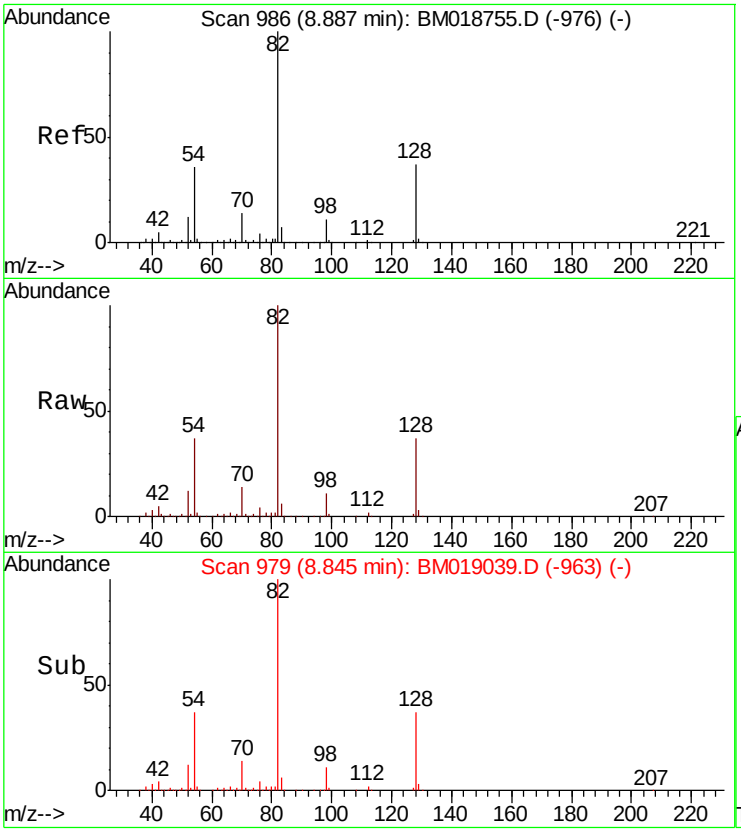


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:136 Resp: 747658

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.0	7.6
68	7.4	5.5	8.3



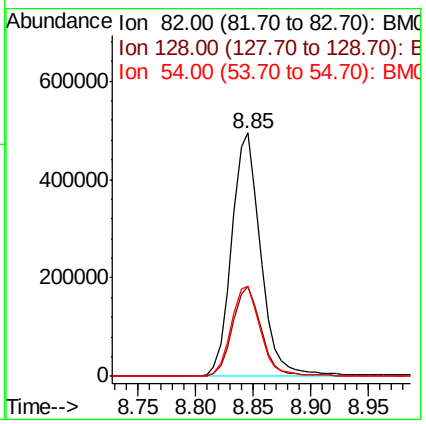


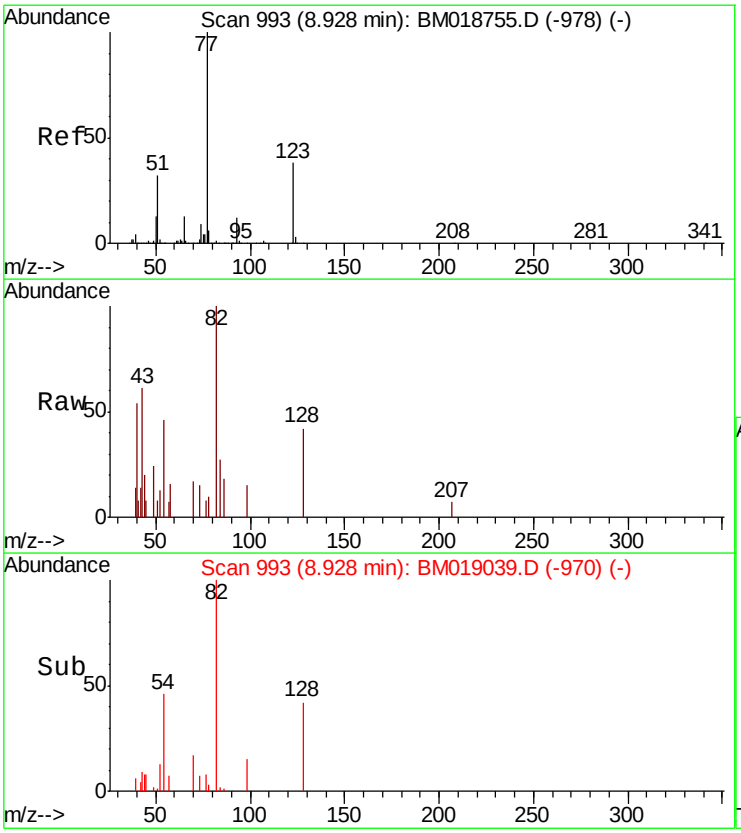
#23
Nitrobenzene-d5
Concen: 53.332 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion: 82 Resp: 862356

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.9	44.9
54	37.0	29.1	43.7

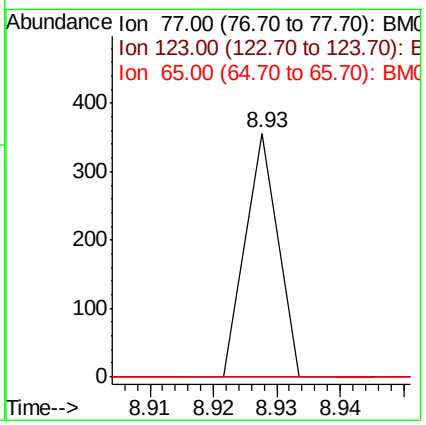


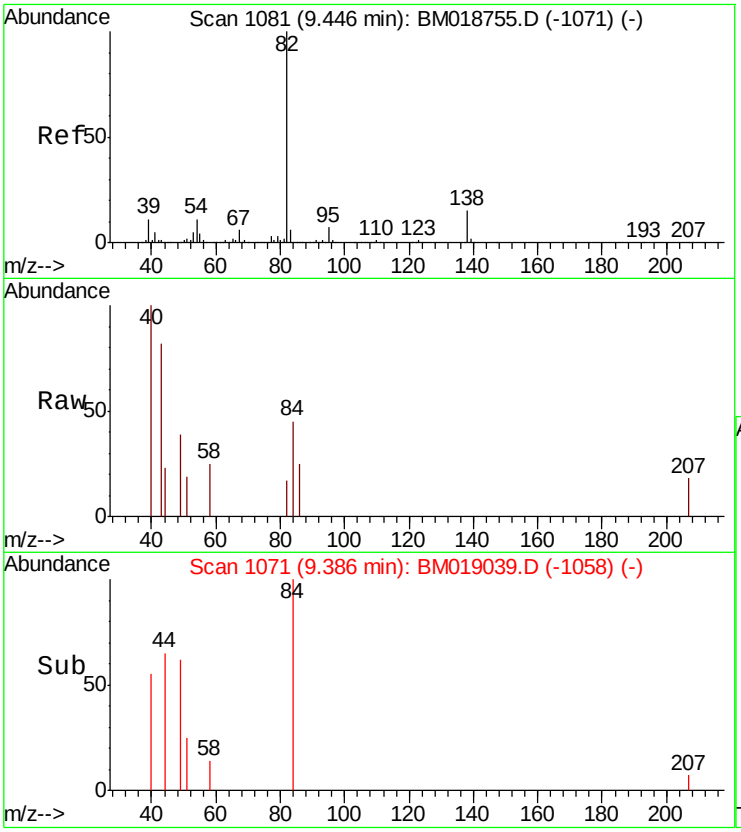


#24
Nitrobenzene
Concen: 0.008 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.04 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion: 77 Resp: 126

Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.7	46.1#
65	0.0	10.5	15.7#



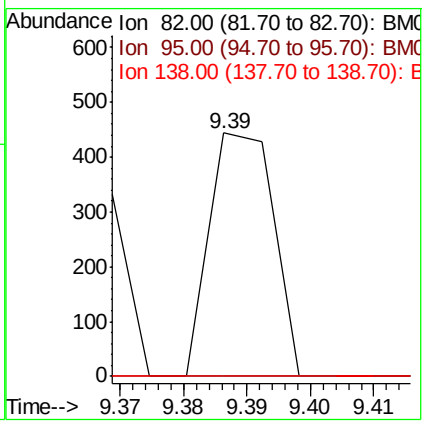


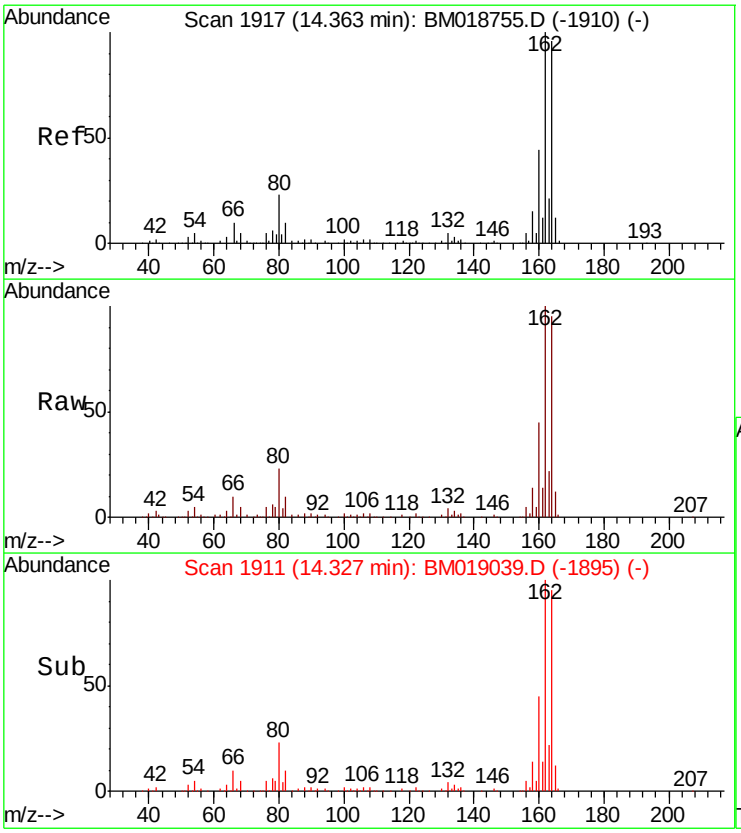
#25
Isophorone
Concen: 0.012 ng
RT: 9.39 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion: 82 Resp: 308

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	12.3	18.5#

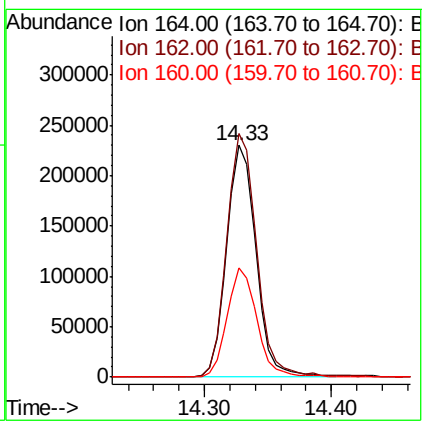


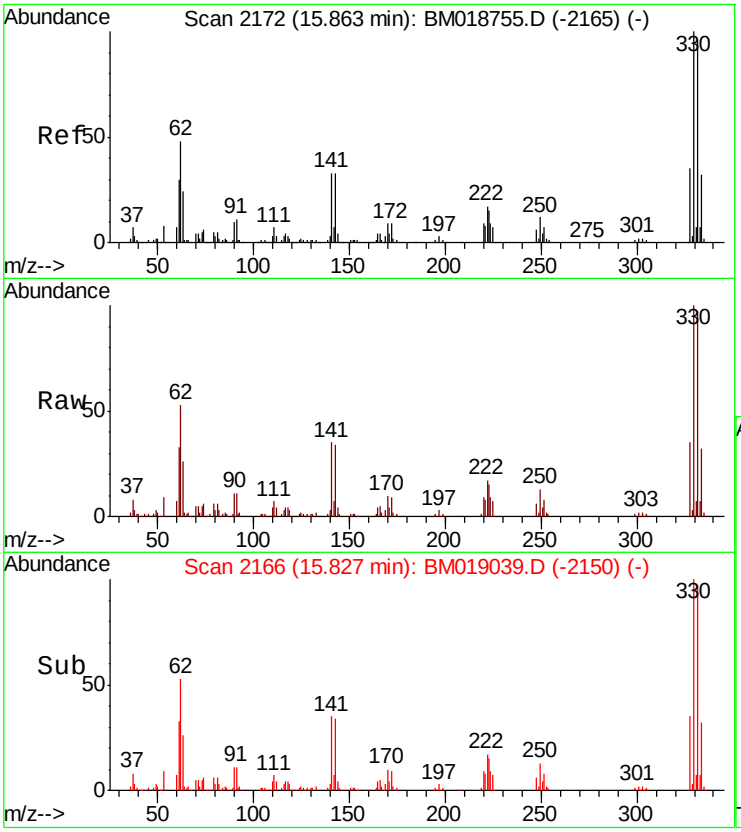


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:164 Resp: 369323

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.4	125.0
160	47.2	36.6	55.0



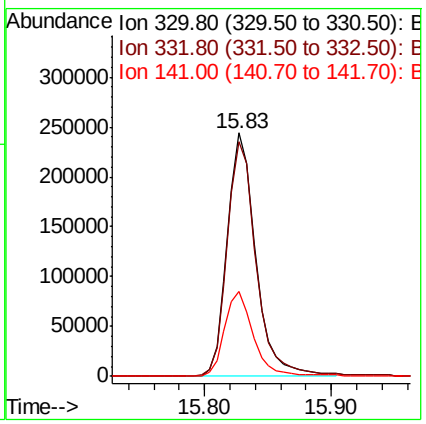


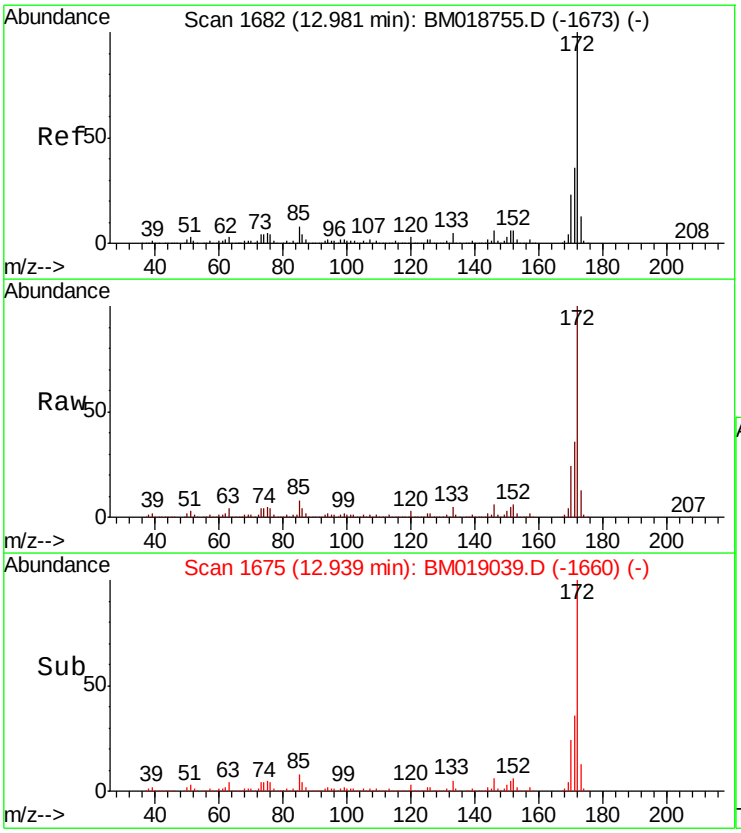
#42
2,4,6-Tribromophenol
Concen: 71.576 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:330 Resp: 381047

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	35.1	28.7	43.1

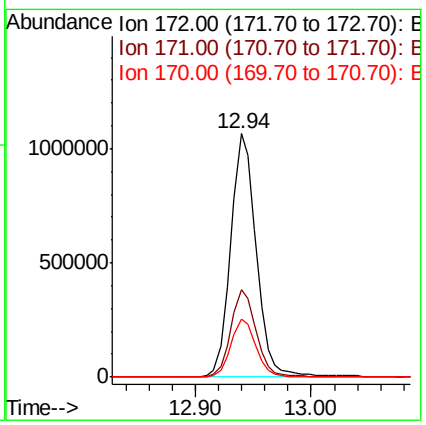


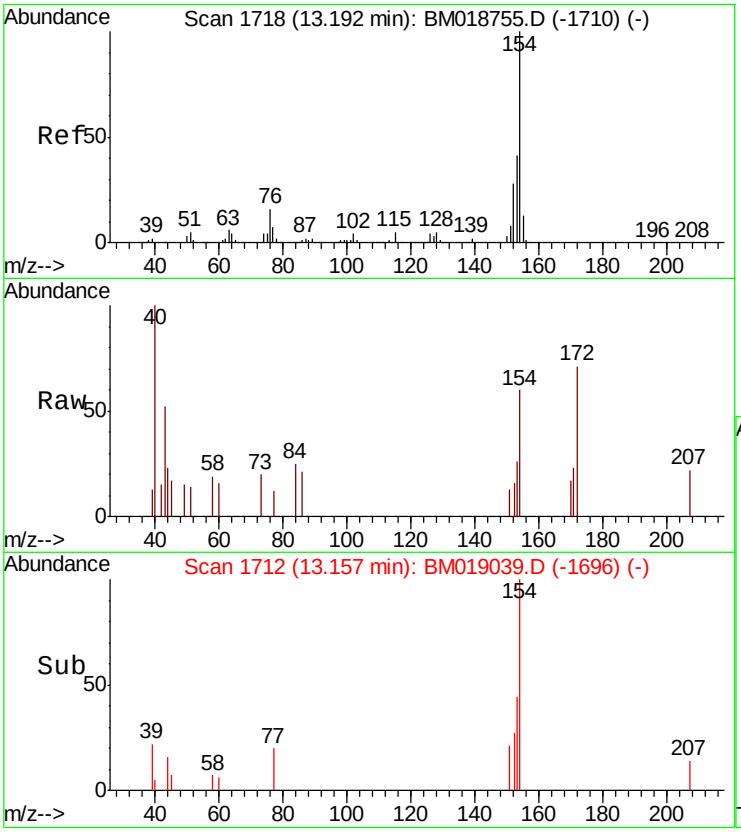


#45
2-Fluorobiphenyl
Concen: 58.681 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:172 Resp: 1632595

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	23.8	18.6	28.0



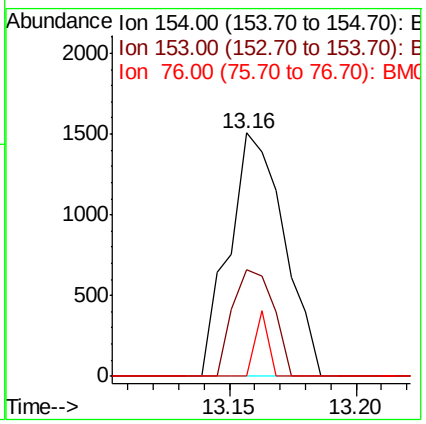


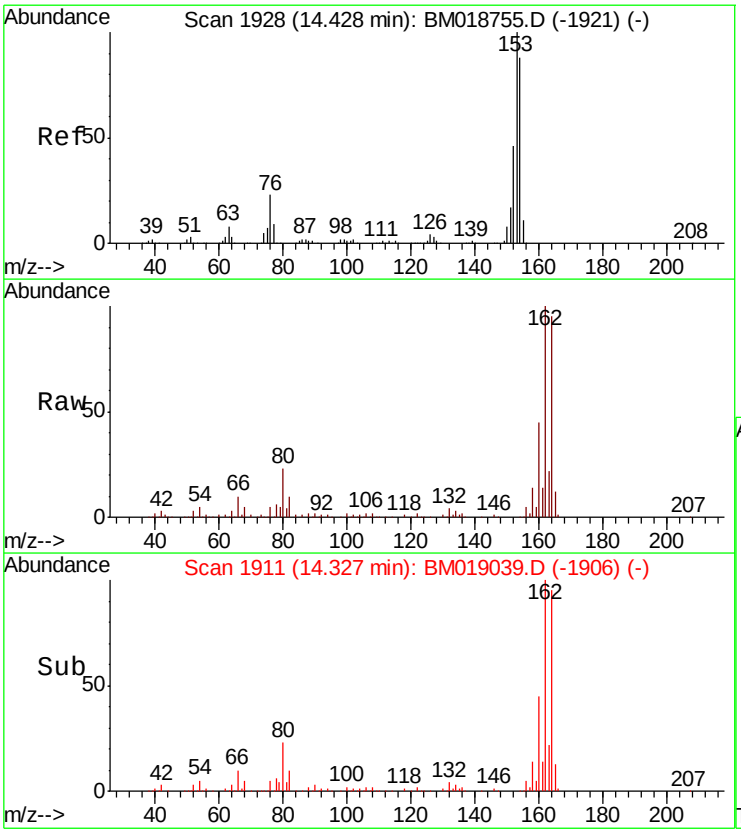
#46
1,1'-Biphenyl
Concen: 0.072 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:154 Resp: 2281

Ion	Ratio	Lower	Upper
154	100		
153	43.6	21.1	61.1
76	0.0	0.0	35.7

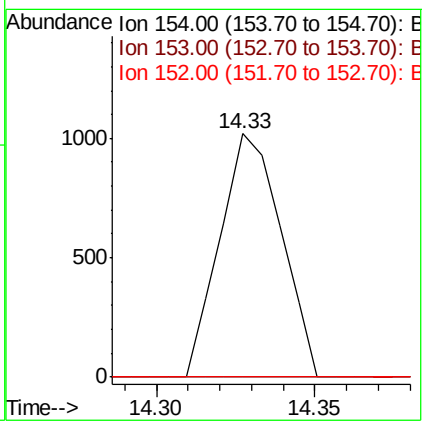


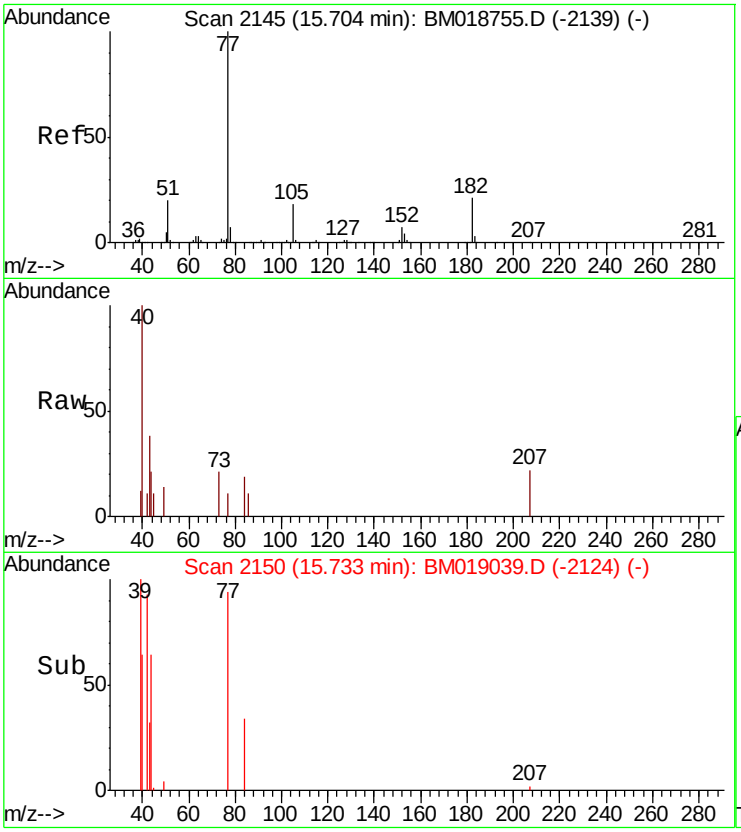


#52
Acenaphthene
Concen: 0.061 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.07 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:154 Resp: 1364

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.3	136.9#
152	0.0	42.2	63.4#



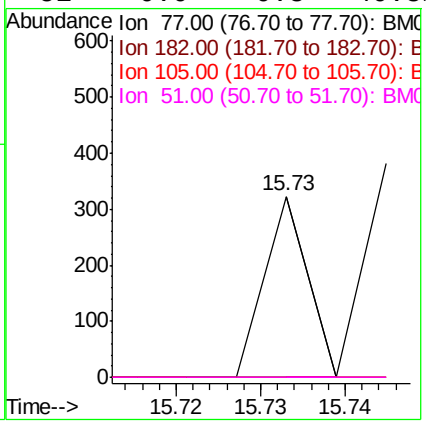


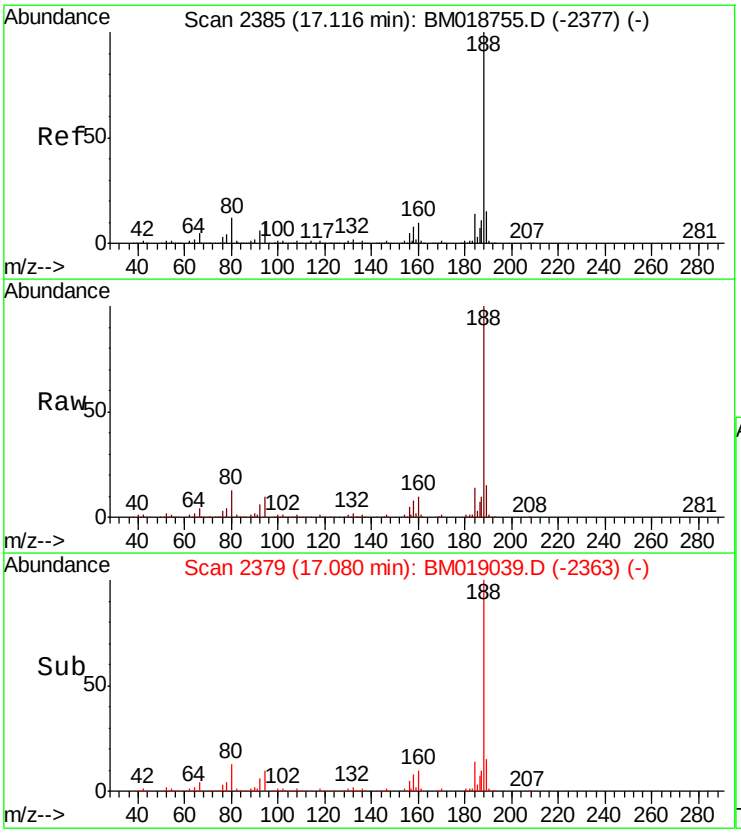
#63
Azobenzene
Concen: 0.003 ng
RT: 15.73 min Scan# 2150
Delta R.T. 0.05 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion: 77 Resp: 114

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.0	41.0#
105	0.0	0.0	37.7
51	0.0	0.3	40.3#

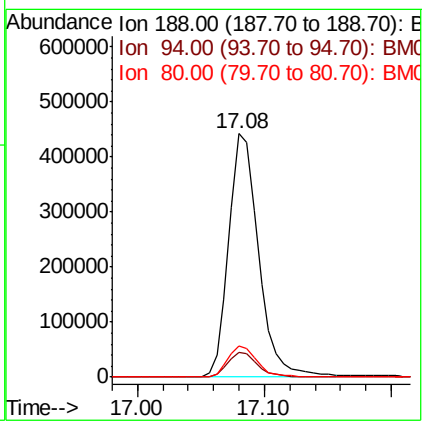


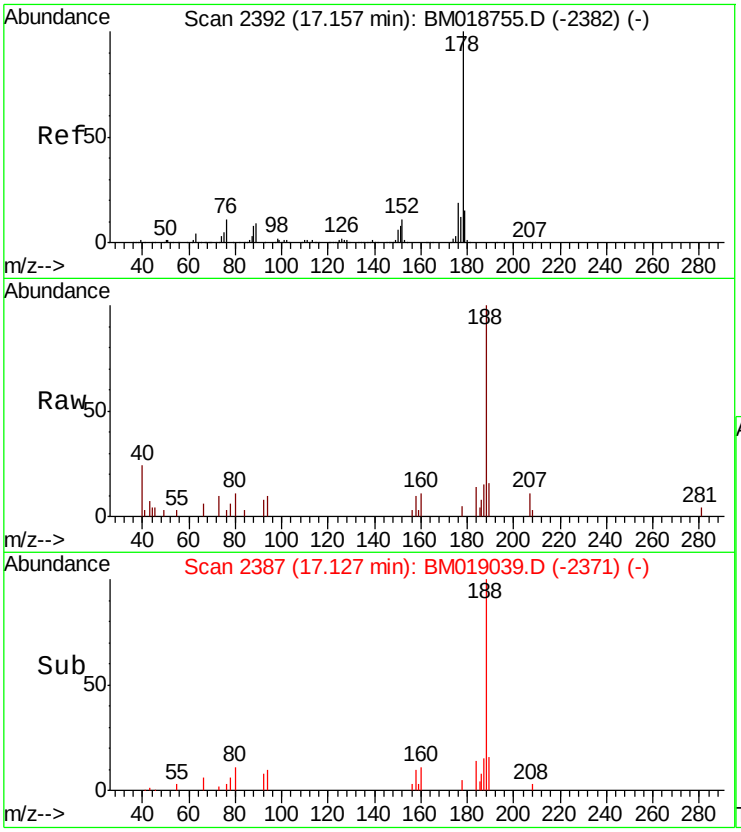


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:188 Resp: 721286

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	12.7	9.7	14.5



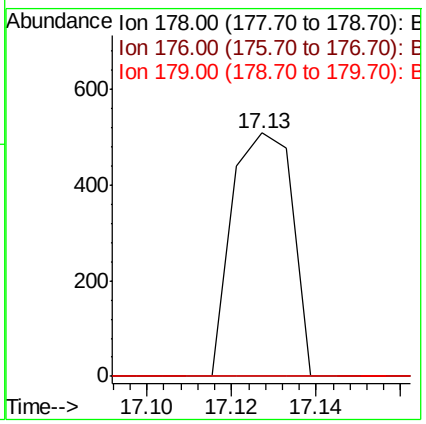


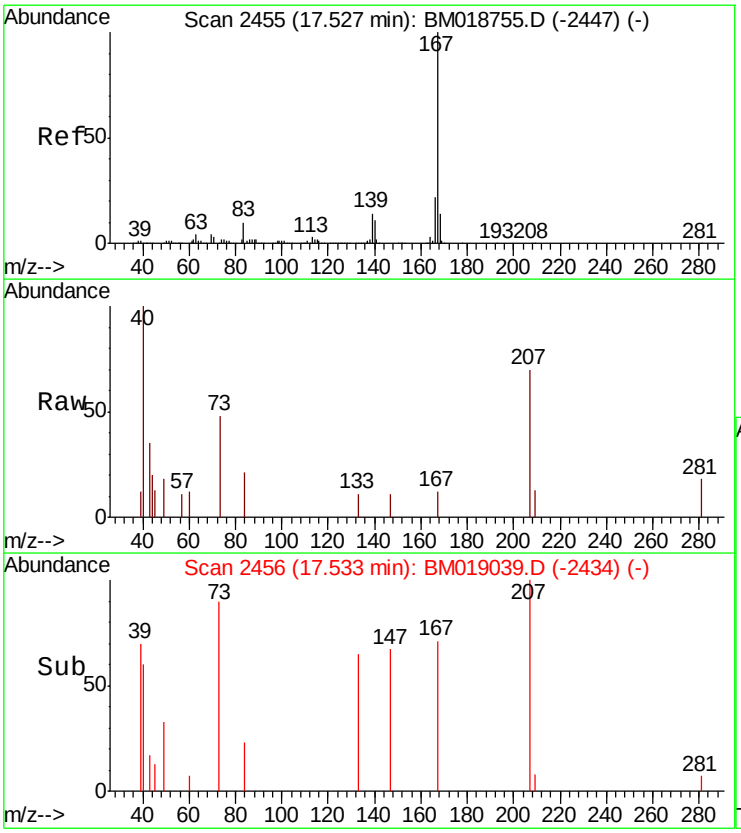
#71
Phenanthrene
Concen: 0.013 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:178 Resp: 503

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	0.0	12.3	18.5#

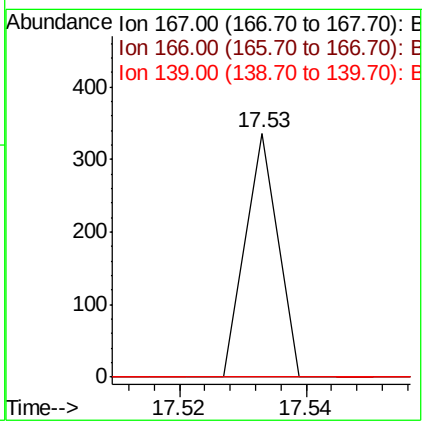


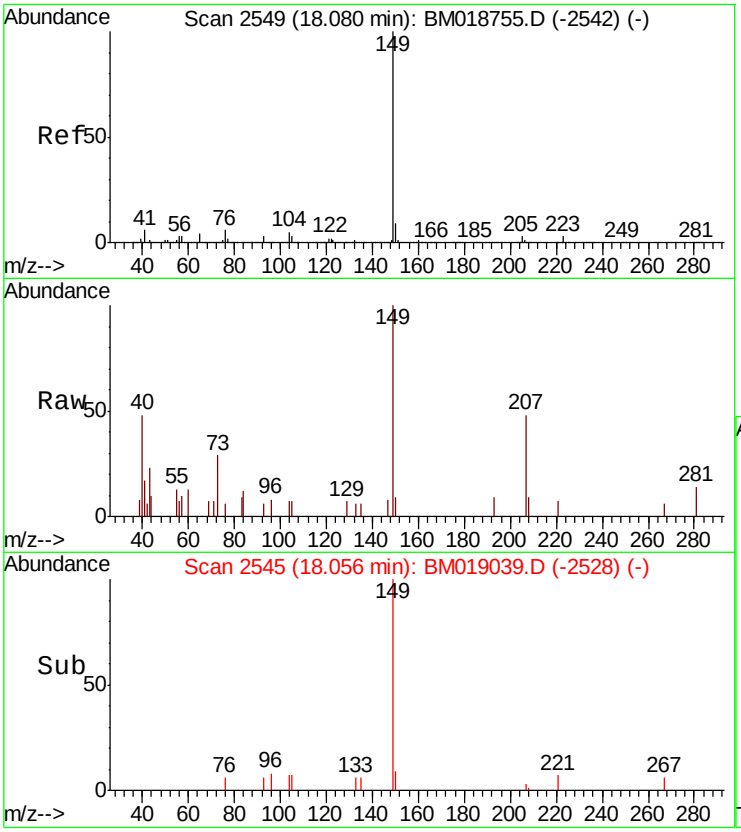


#73
Carbazole
Concen: 0.003 ng
RT: 17.53 min Scan# 2456
Delta R.T. 0.03 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:167 Resp: 119

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.7	26.5#
139	0.0	10.9	16.3#



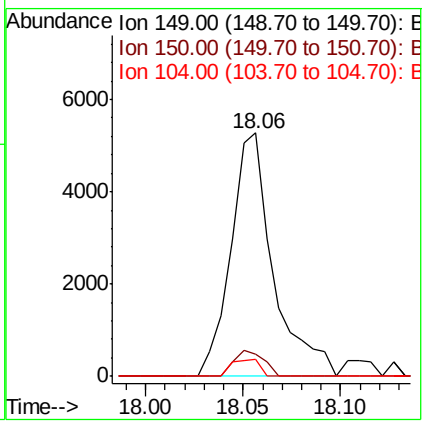


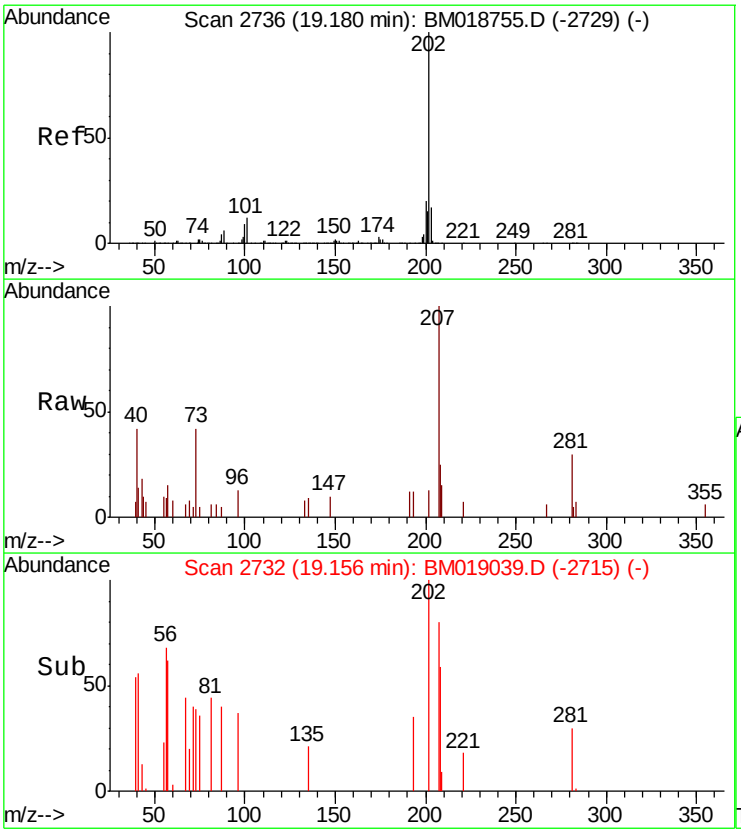
#74
Di-n-butylphthalate
Concen: 0.175 ng
RT: 18.06 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:149 Resp: 7926

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	6.9	4.3	6.5#

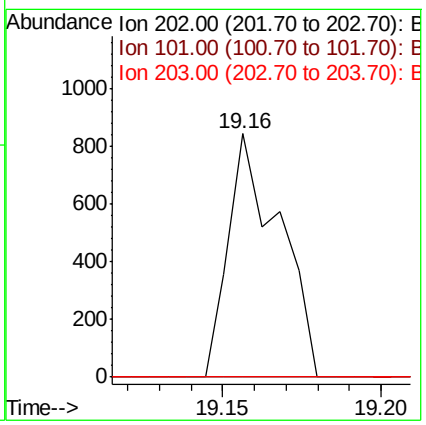


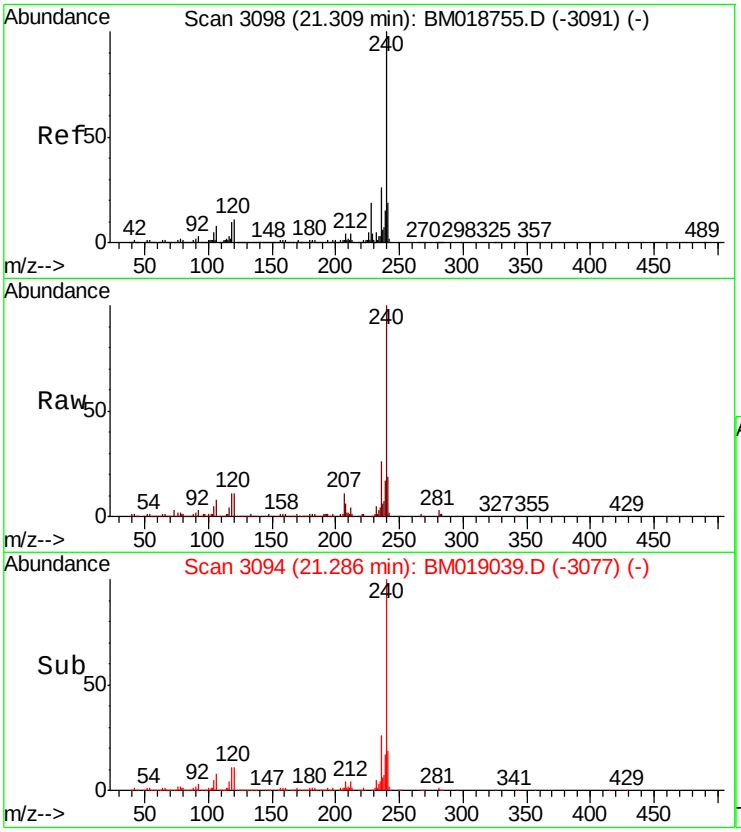


#75
Fluoranthene
Concen: 0.021 ng
RT: 19.16 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:202 Resp: 941

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.5
203	0.0	0.0	37.3



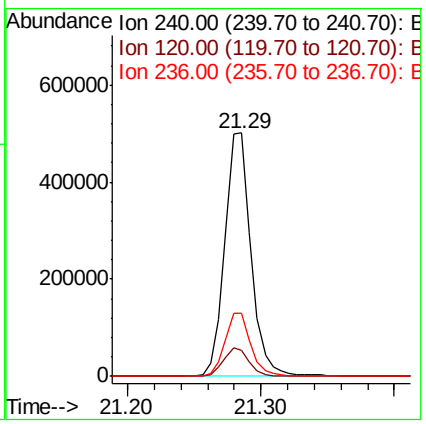


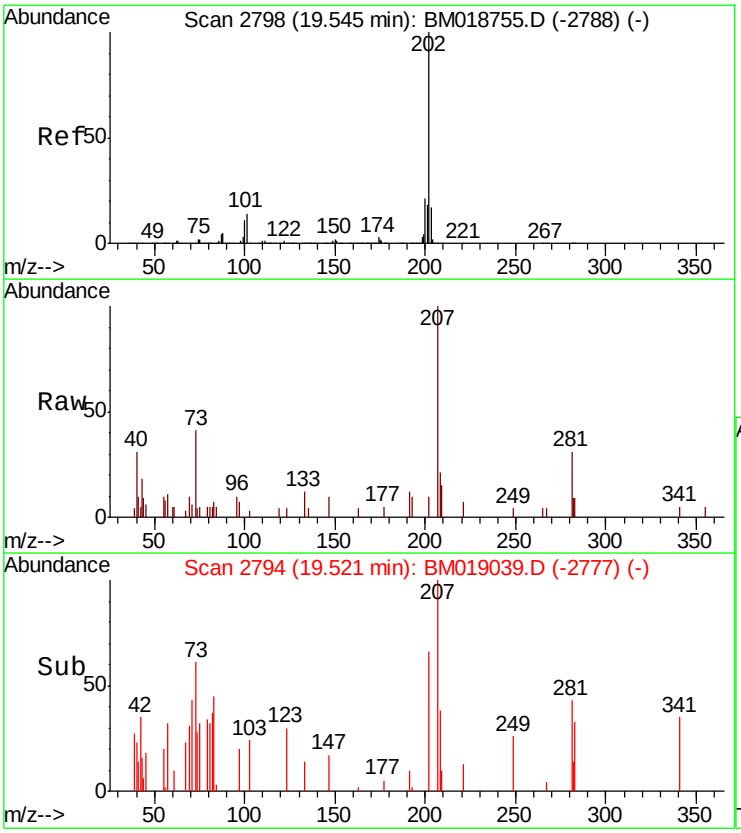
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:240 Resp: 696416

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.0	20.9	31.3

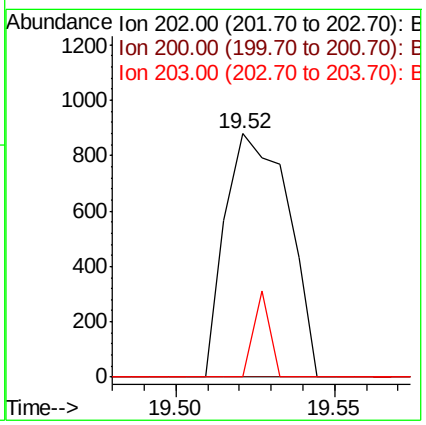


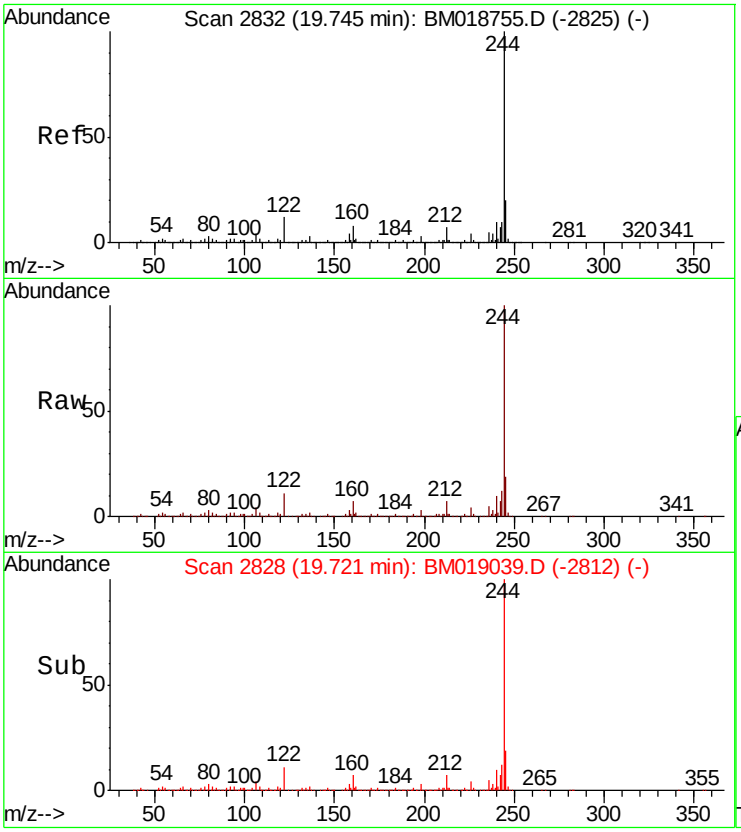


#78
Pyrene
Concen: 0.030 ng
RT: 19.52 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:202 Resp: 1213

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	13.8	20.8#



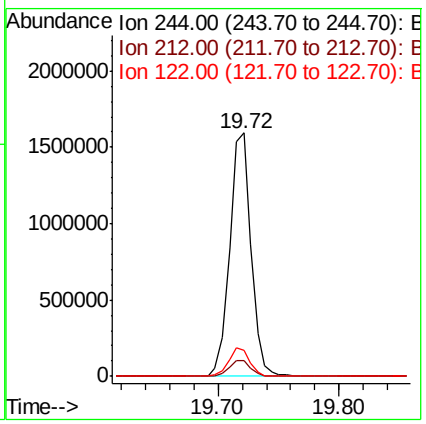


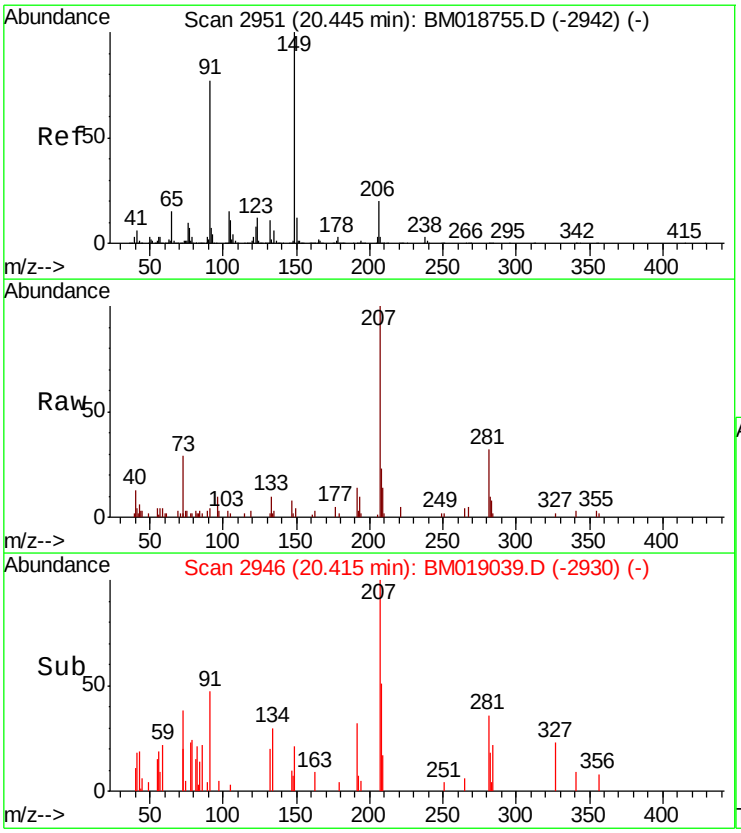
#79
Terphenyl-d14
Concen: 58.310 ng
RT: 19.72 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:244 Resp: 1968492

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.6	9.3	13.9

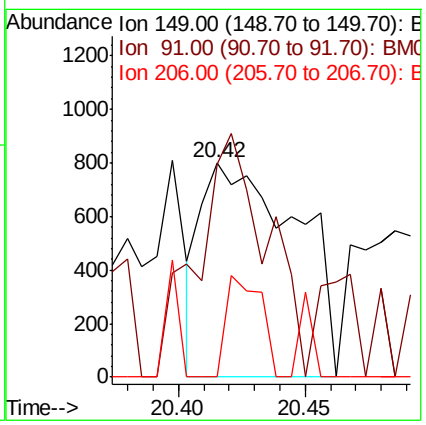


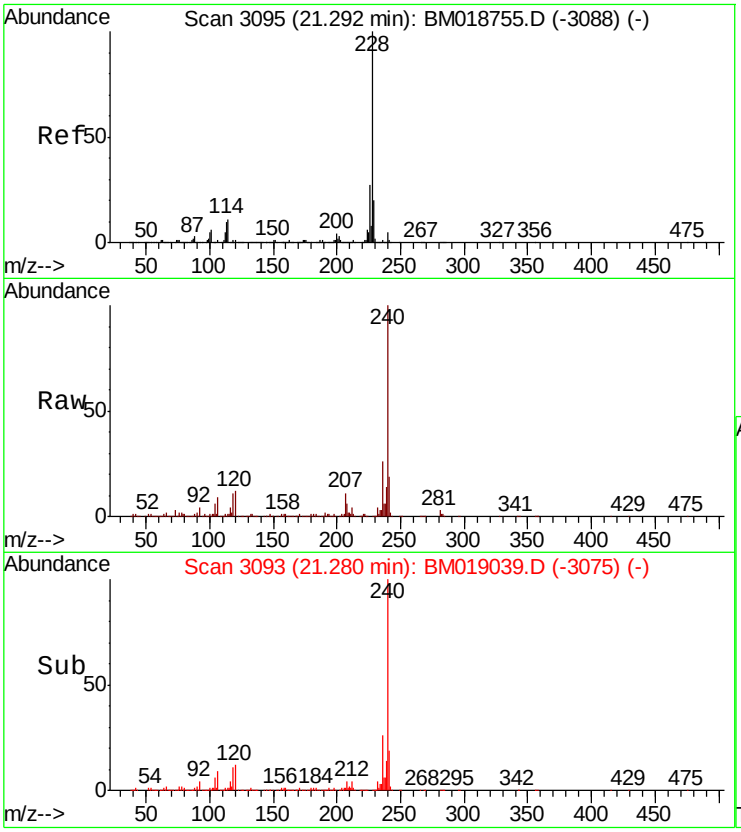


#80
Butylbenzylphthalate
Concen: 0.113 ng
RT: 20.42 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:149 Resp: 2091

Ion	Ratio	Lower	Upper
149	100		
91	99.4	61.4	92.0#
206	0.0	15.8	23.8#



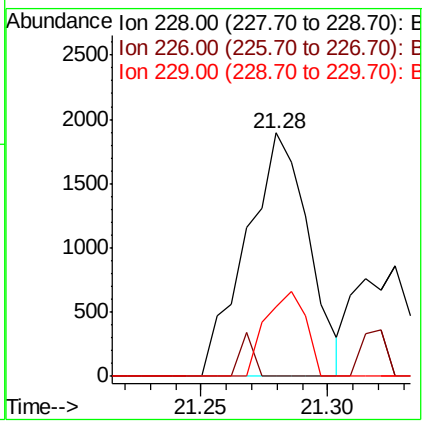


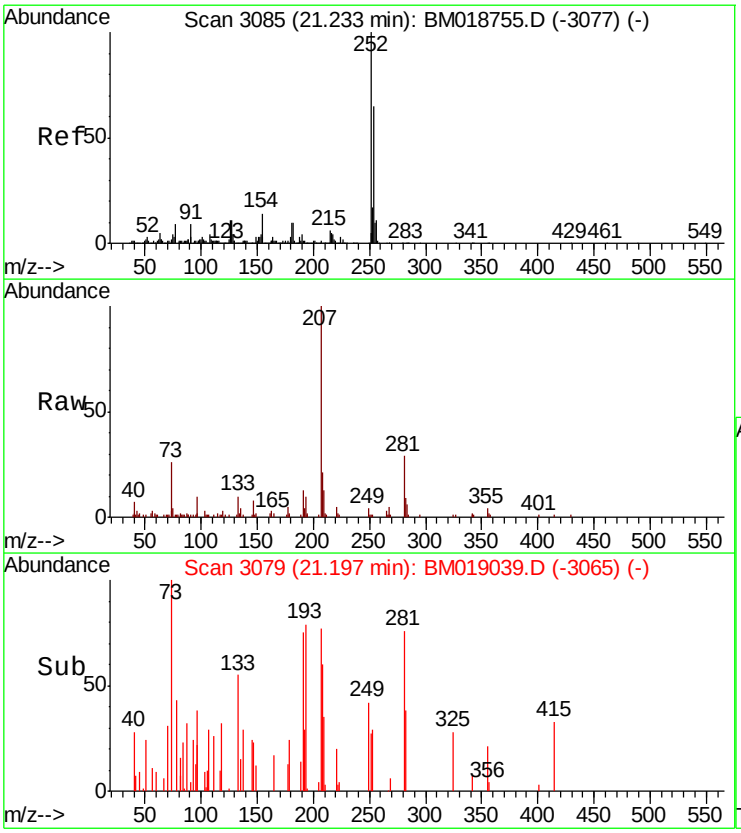
#81
Benzo(a)anthracene
Concen: 0.080 ng
RT: 21.28 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:228 Resp: 3232

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.9	32.9#
229	28.7	15.9	23.9#

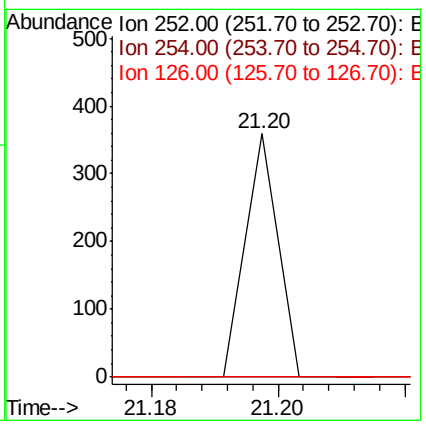


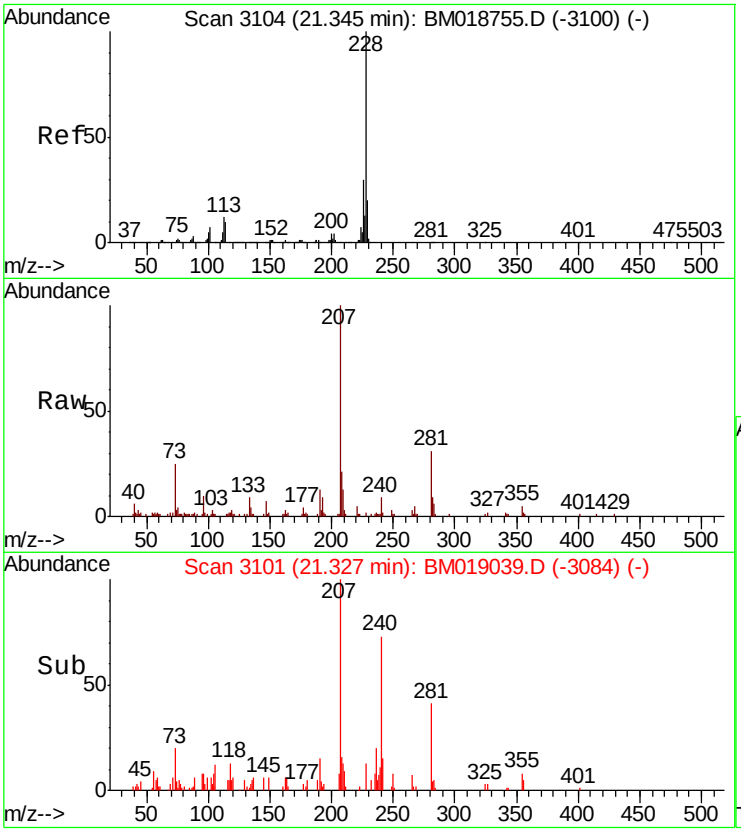


#82
3,3'-Dichlorobenzidine
Concen: 0.008 ng
RT: 21.20 min Scan# 3079
Delta R.T. -0.02 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:252 Resp: 127

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.8	77.8#
126	0.0	9.1	13.7#



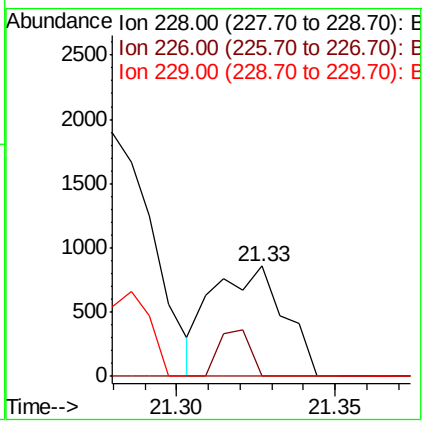


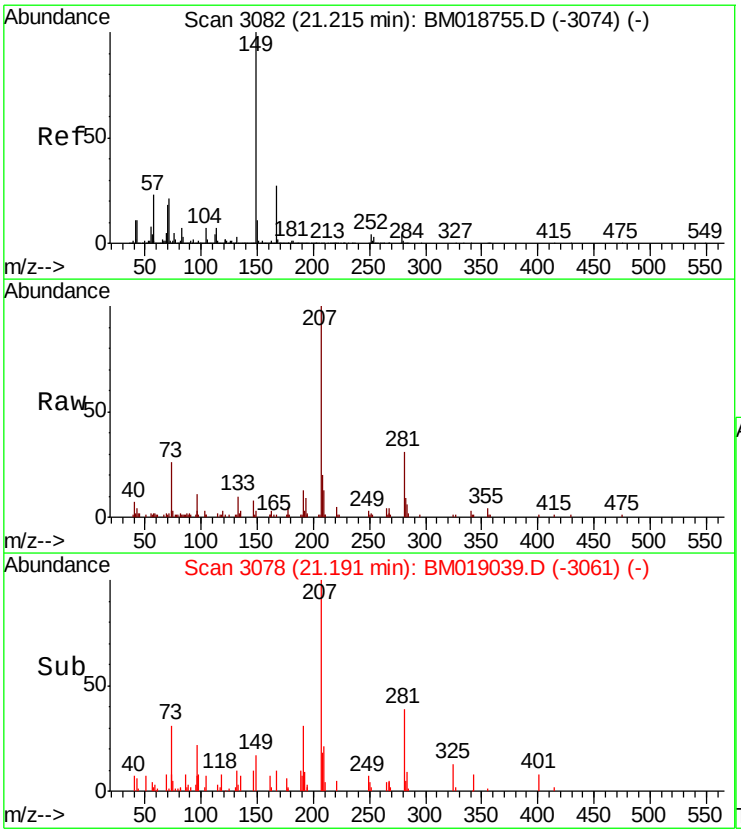
#83
Chrysene
Concen: 0.035 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:228 Resp: 1343

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	0.0	16.0	24.0#

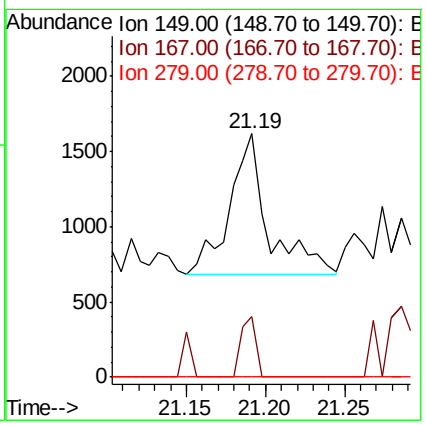


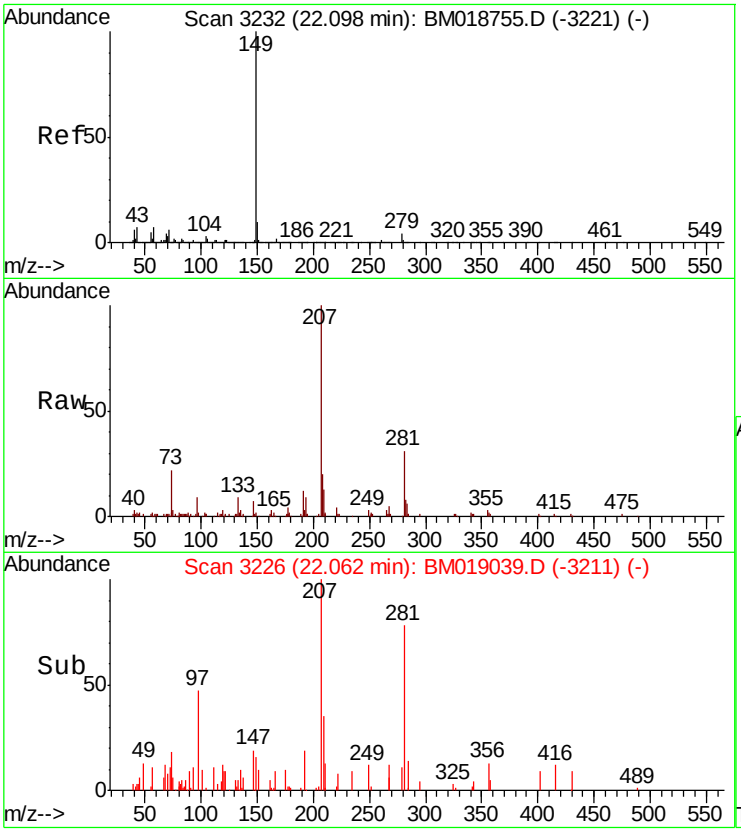


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 21.19 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:149 Resp: 1559

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.8	32.6
279	0.0	3.6	5.4#



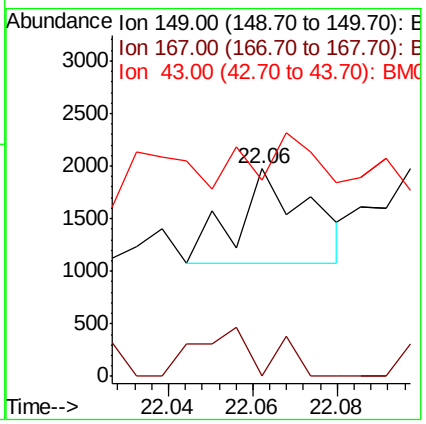


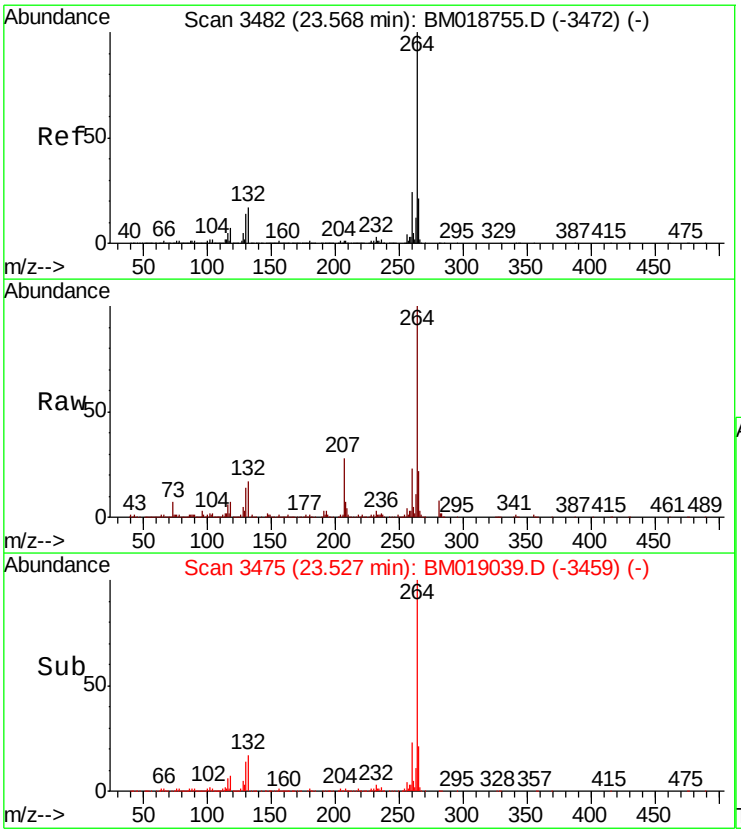
#85
Di-n-octyl phthalate
Concen: 0.024 ng
RT: 22.06 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:149 Resp: 1082

Ion	Ratio	Lower	Upper
149	100		
167	47.2	1.3	1.9#
43	51.8	6.0	9.0#

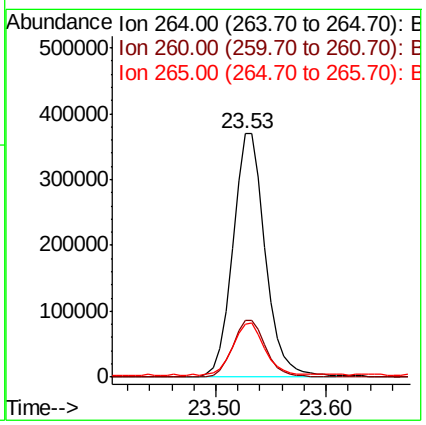


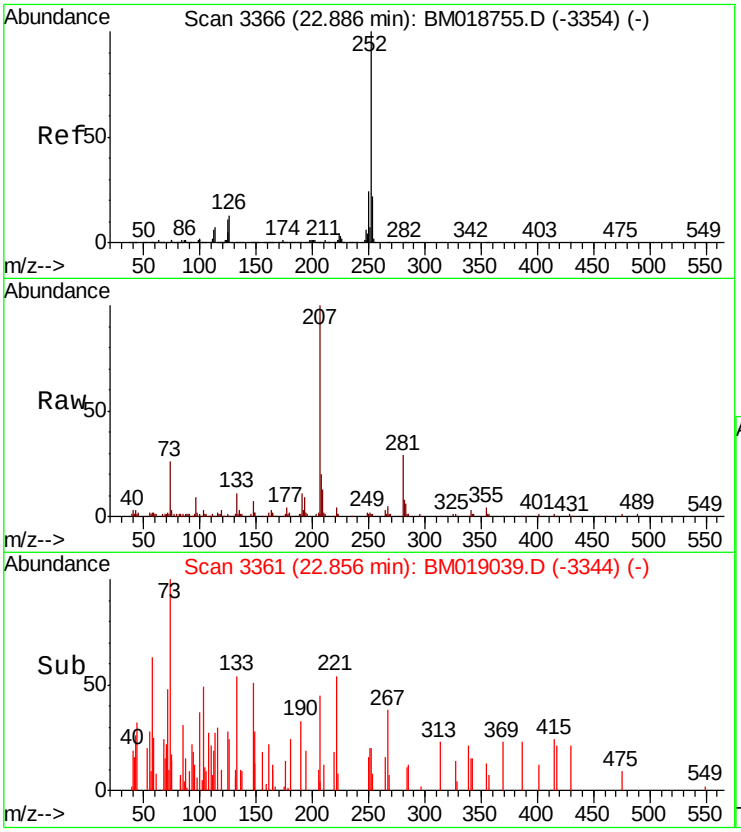


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:264 Resp: 763327

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.9	17.3	25.9



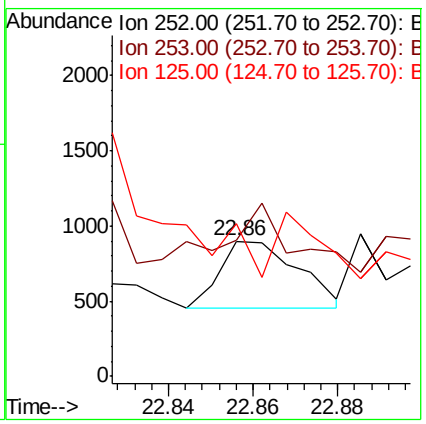


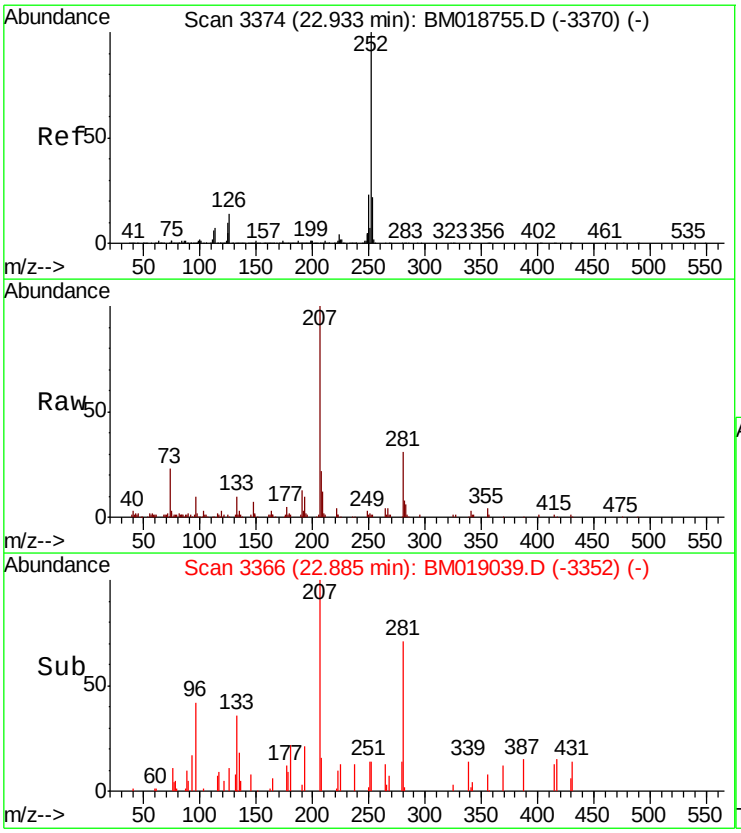
#88
Benzo(b)fluoranthene
Concen: 0.013 ng
RT: 22.86 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:252 Resp: 570

Ion	Ratio	Lower	Upper
252	100		
253	101.1	17.8	26.6#
125	112.6	8.6	12.8#

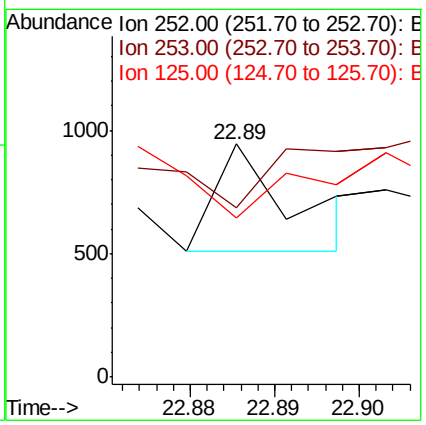


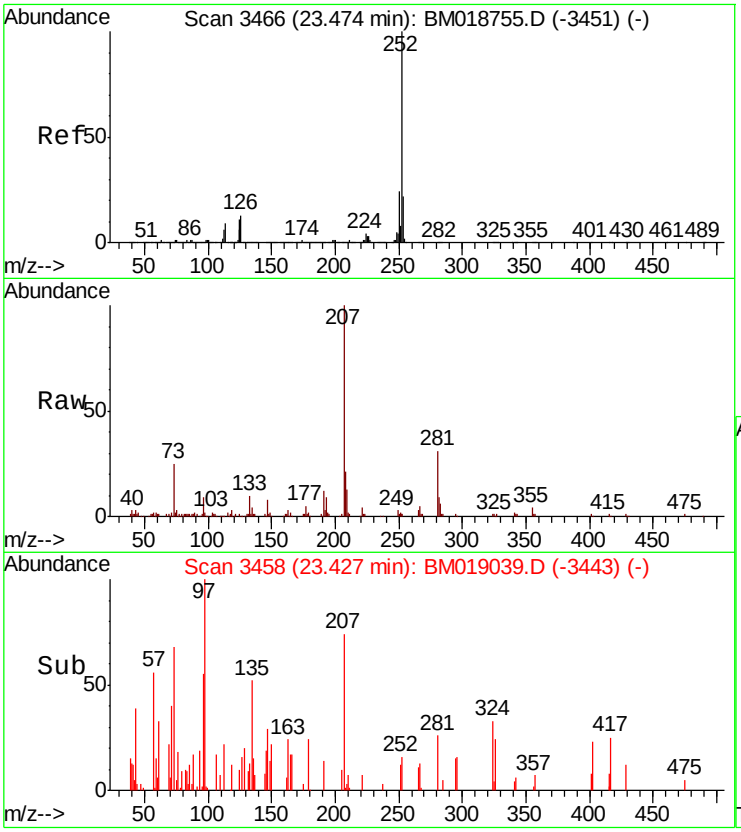


#89
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 22.89 min Scan# 3366
Delta R.T. -0.02 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:252 Resp: 276

Ion	Ratio	Lower	Upper
252	100		
253	72.9	17.7	26.5#
125	100.6	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 0.012 ng
RT: 23.43 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:252 Resp: 479

Ion	Ratio	Lower	Upper
252	100		
253	106.1	17.4	26.0#
125	112.1	8.6	13.0#