Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042419\
Data File : BM020068.D
Acq On : 24 Apr 2019 17:16
Operator : JU/SJ
Sample : PB119111TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 25 01:48:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	112774	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	354063	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	220550	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	457760	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	441870	20.00	ng	-0.01
87) Perylene-d12	23.33	264	440101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	979386	140.75	ng	-0.03
7) Phenol-d6	6.68	99	1273753	121.63	ng	-0.03
23) Nitrobenzene-d5	8.66	82	784449	99.08	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	436801	123.03	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1682089	95.05	ng	-0.03
79) Terphenyl-d14	19.57	244	2465024	98.40	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	1109	0.369	ng	# 57
4) n-Nitrosodimethylamine	3.42	42	368	0.136	ng	# 1
9) Benzaldehyde	6.68	77	2983	Below Cal		# 7
15) Benzyl Alcohol	7.79	79	16904	1.776	ng	# 56
24) Nitrobenzene	8.66	77	3075	0.375	ng	# 36
25) Isophorone	9.20	82	303	0.020	ng	# 69
46) 1,1'-Biphenyl	13.02	154	1270	0.066	ng	# 53
52) Acenaphthene	14.17	154	428	0.030	ng	# 4
74) Di-n-butylphthalate	17.93	149	109	0.003	ng	# 78
80) Butylbenzylphthalate	20.29	149	113	0.008	ng	# 19
81) Benzo(a)anthracene	21.14	228	1431	0.051	ng	# 51
83) Chrysene	21.19	228	1304	0.049	ng	# 50
84) Bis(2-ethylhexyl)phthalate	21.04	149	1211	0.057	ng	# 55
85) Di-n-octyl phthalate	21.90	149	265	0.008	ng	# 82
88) Benzo(b)fluoranthene	22.67	252	116	0.004	ng	# 1
89) Benzo(k)fluoranthene	22.71	252	793	0.029	ng	# 1
90) Benzo(a)pyrene	23.25	252	118	0.005	ng	# 1

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

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
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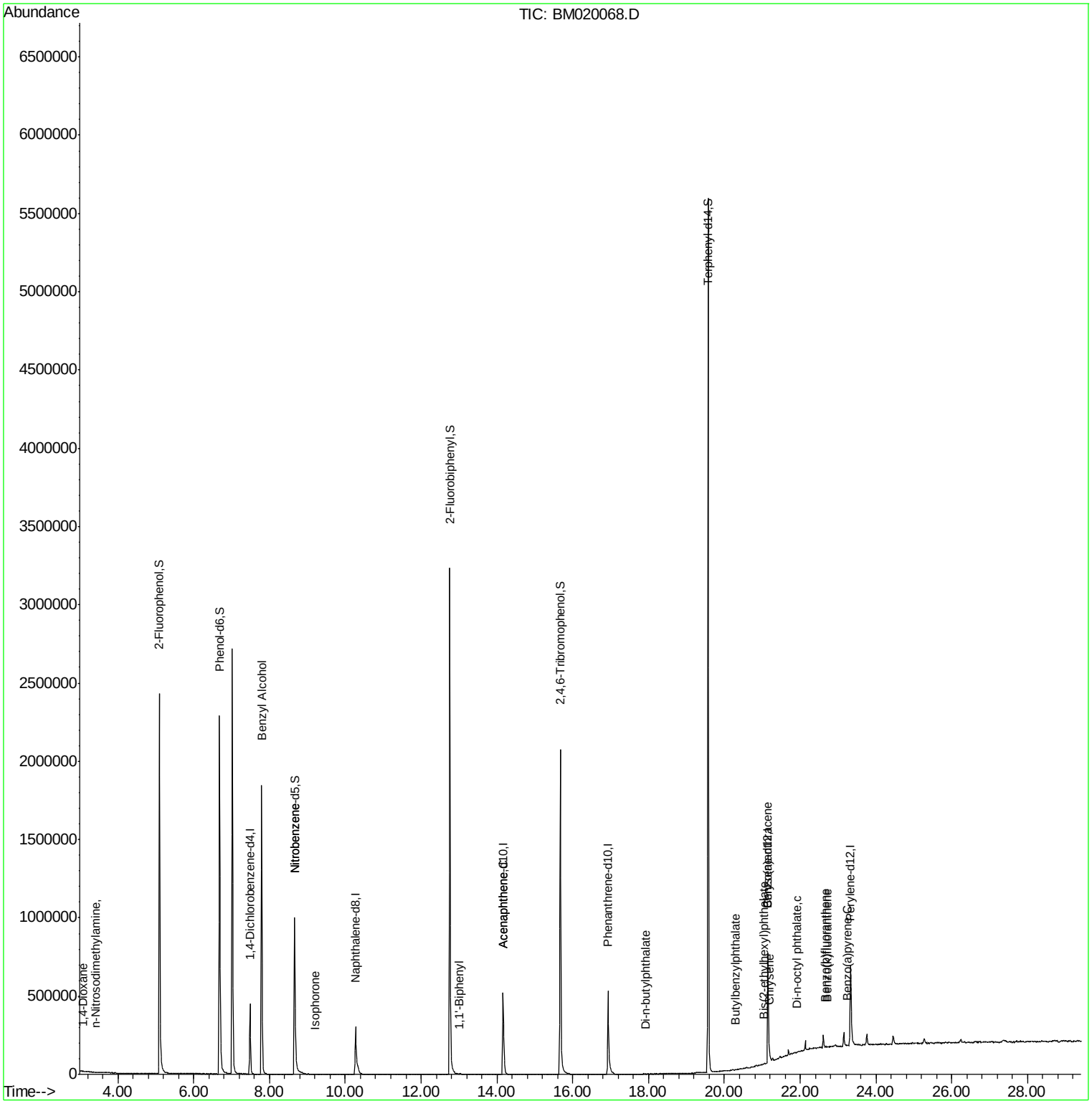
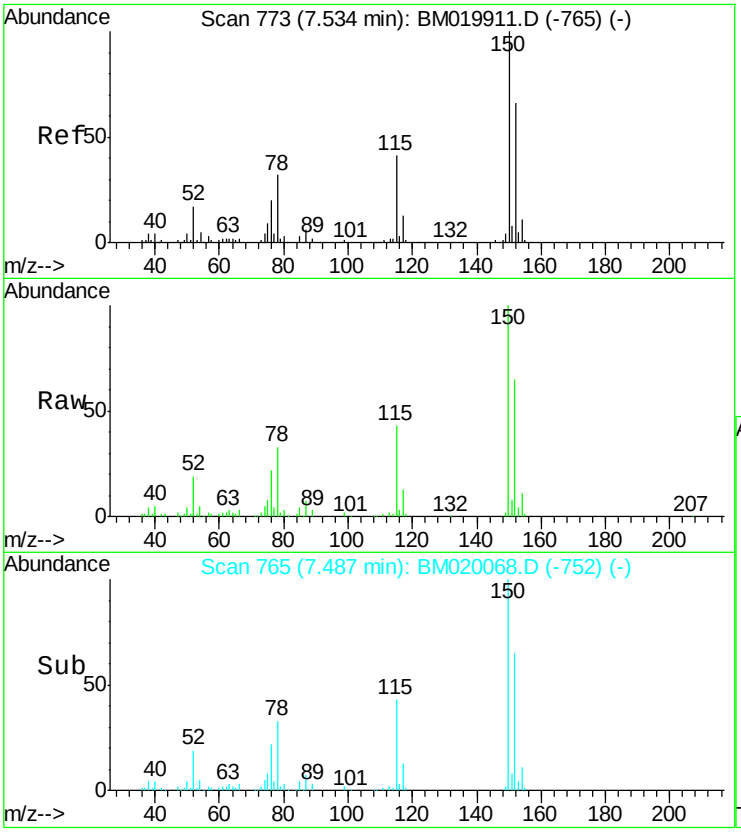
Quant Time: Apr 25 01:48:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration



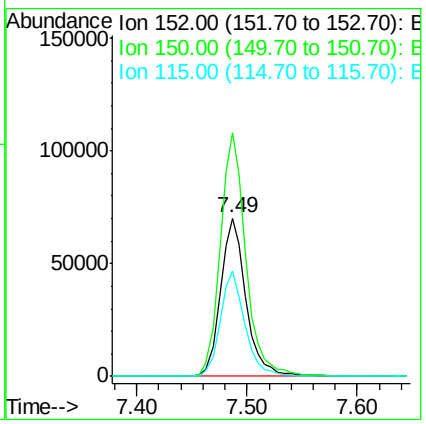


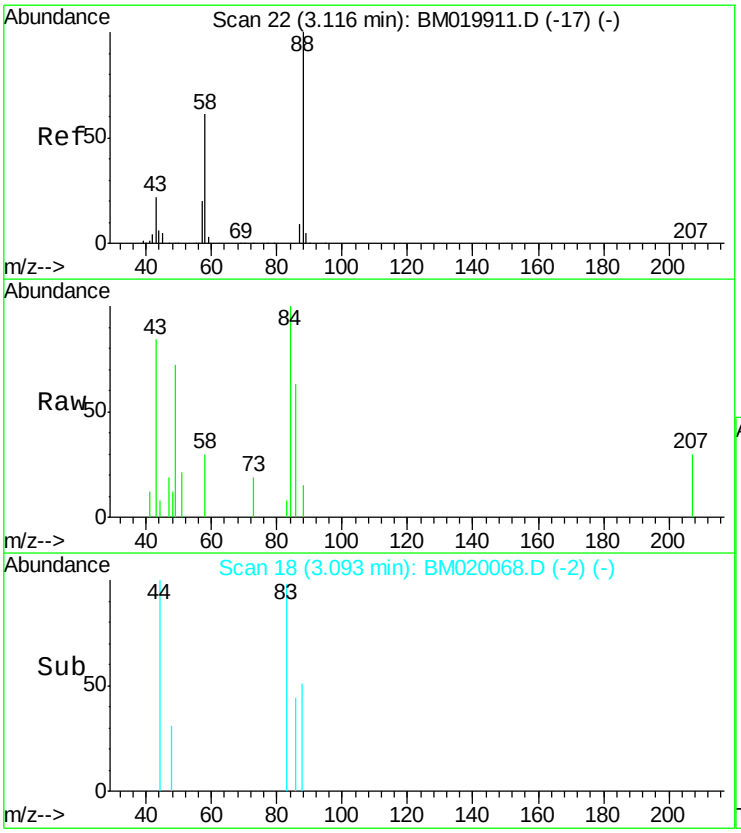
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 112774

Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.1	183.1
115	66.7	50.0	75.0

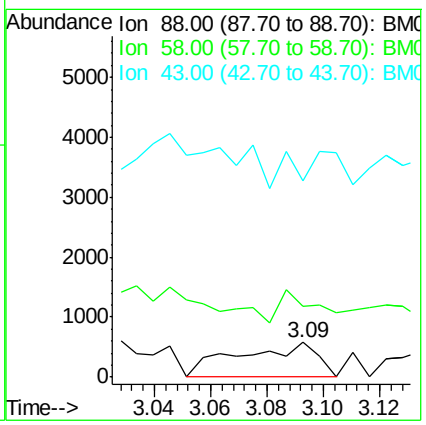


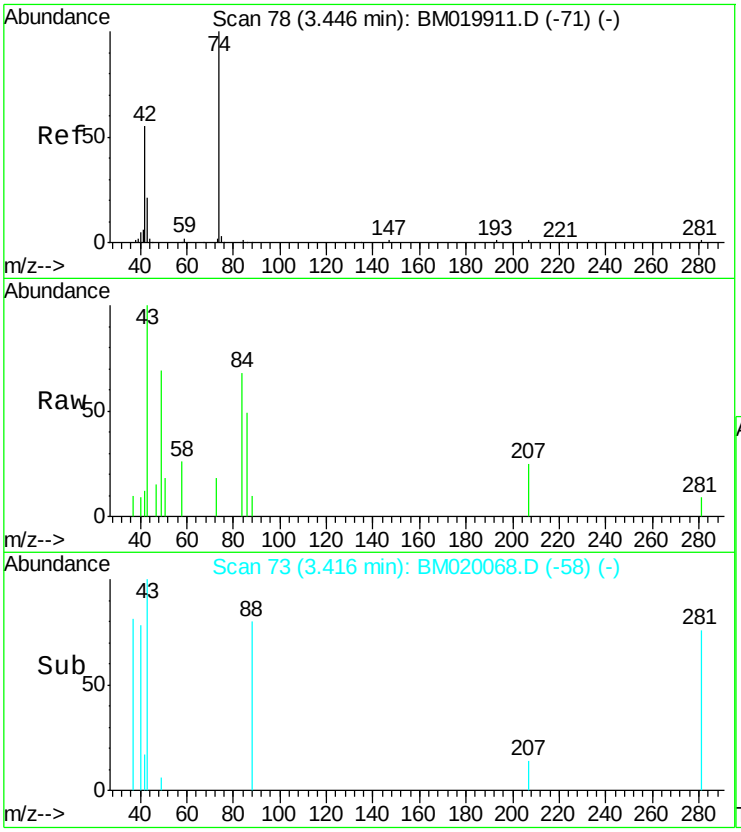


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.09 min Scan# 18
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion: 88 Resp: 1109

Ion	Ratio	Lower	Upper
88	100		
58	41.0	49.6	74.4#
43	65.2	18.6	27.8#



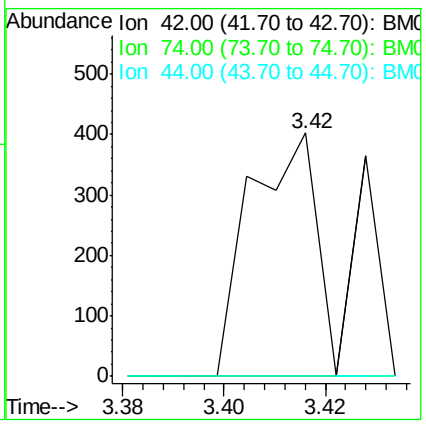


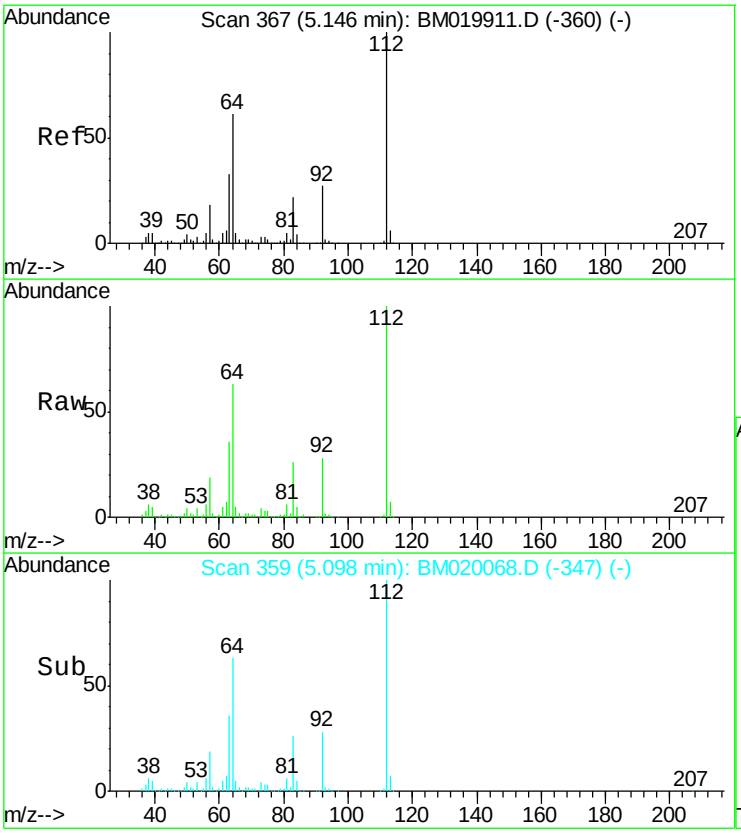
#4
n-Nitrosodimethylamine
Concen: 0.136 ng
RT: 3.42 min Scan# 73
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 368

Ion	Ratio	Lower	Upper
42	100		
74	0.0	144.6	217.0#
44	0.0	5.4	8.2#

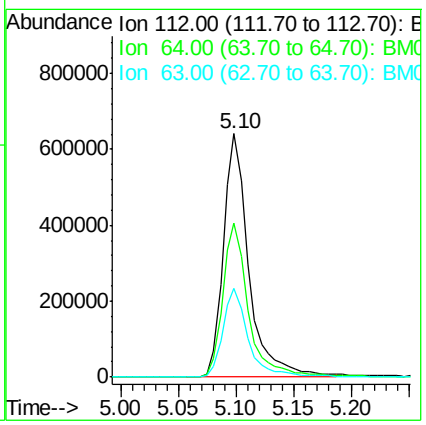


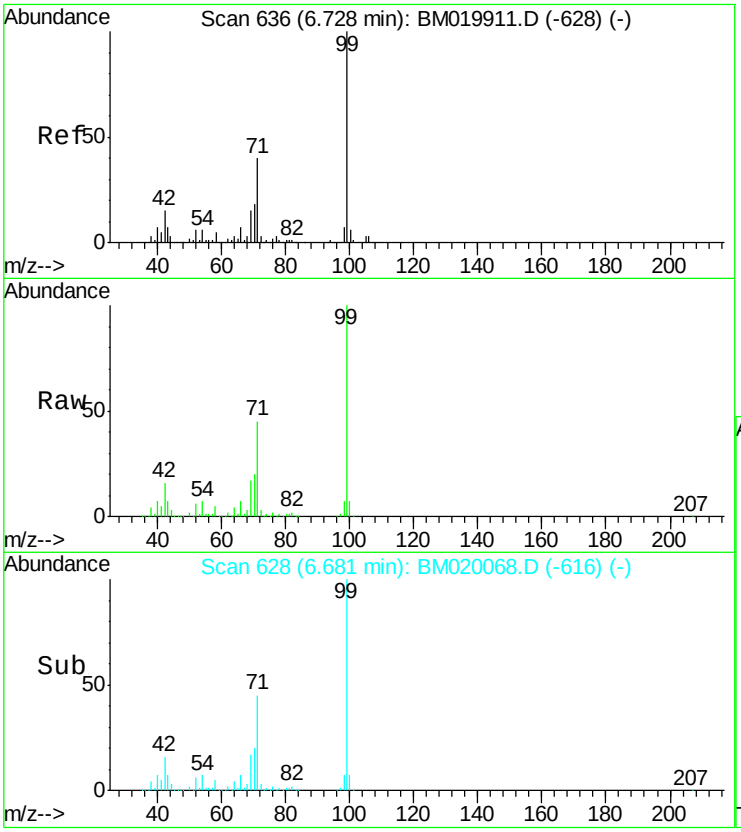


#5
2-Fluorophenol
Concen: 140.745 ng
RT: 5.10 min Scan# 359
Delta R.T. -0.03 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:112 Resp: 979386

Ion	Ratio	Lower	Upper
112	100		
64	63.3	49.1	73.7
63	36.4	26.5	39.7



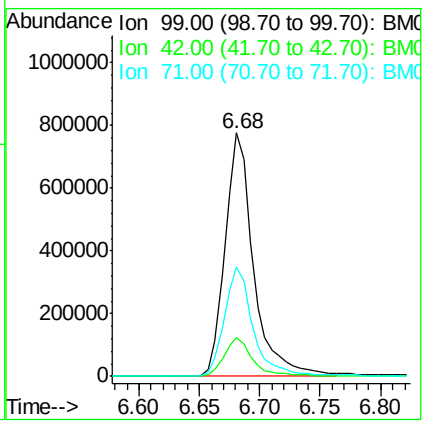


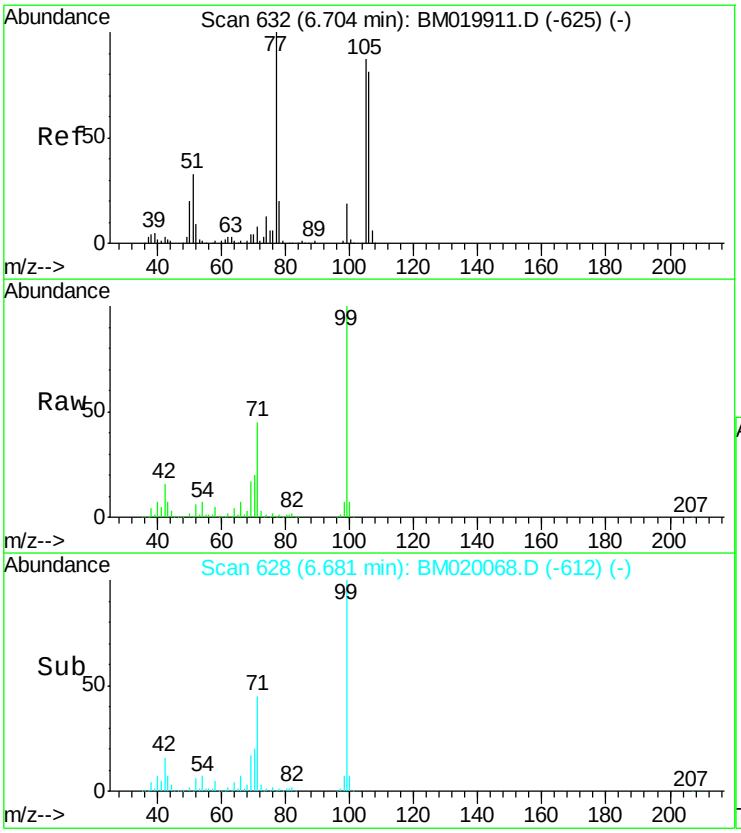
#7
Phenol-d6
Concen: 121.628 ng
RT: 6.68 min Scan# 628
Delta R.T. -0.03 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1273753

Ion	Ratio	Lower	Upper
99	100		
42	16.2	11.8	17.8
71	45.1	32.0	48.0

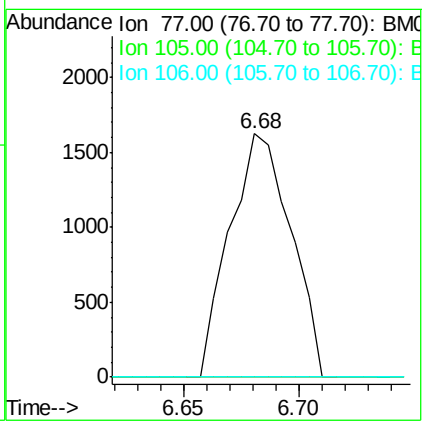


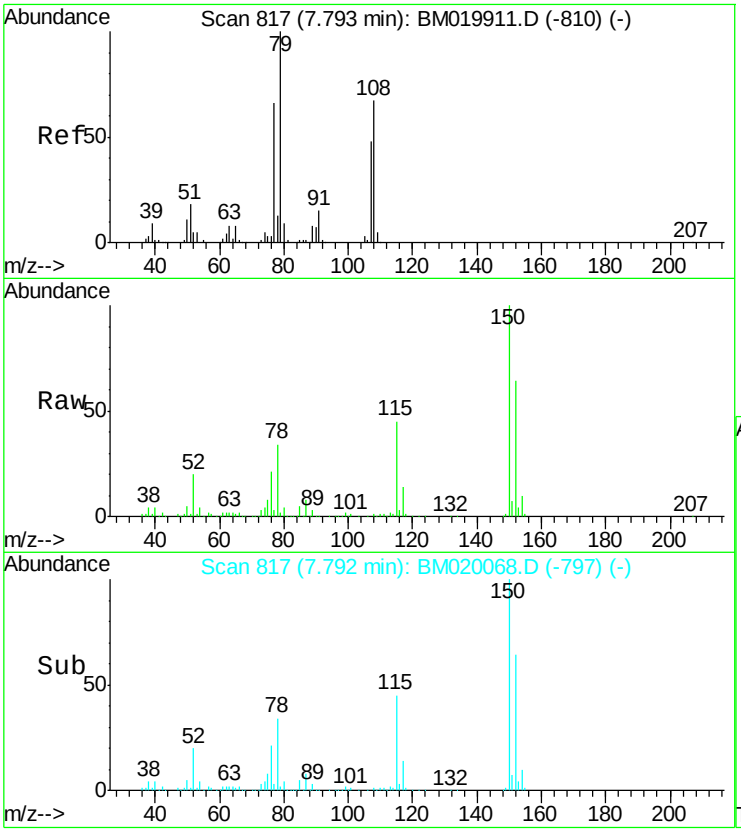


#9
Benzaldehyde
Concen: Below Cal
RT: 6.68 min Scan# 628
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion: 77 Resp: 2983

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.3	107.3#
106	0.0	60.6	100.6#



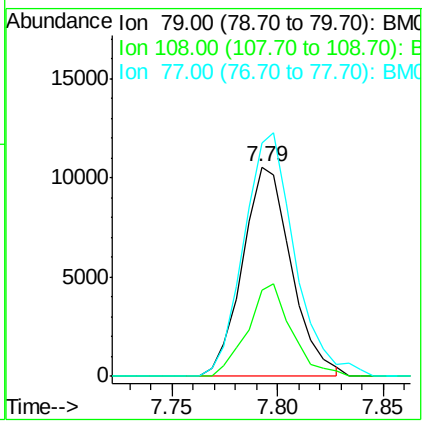


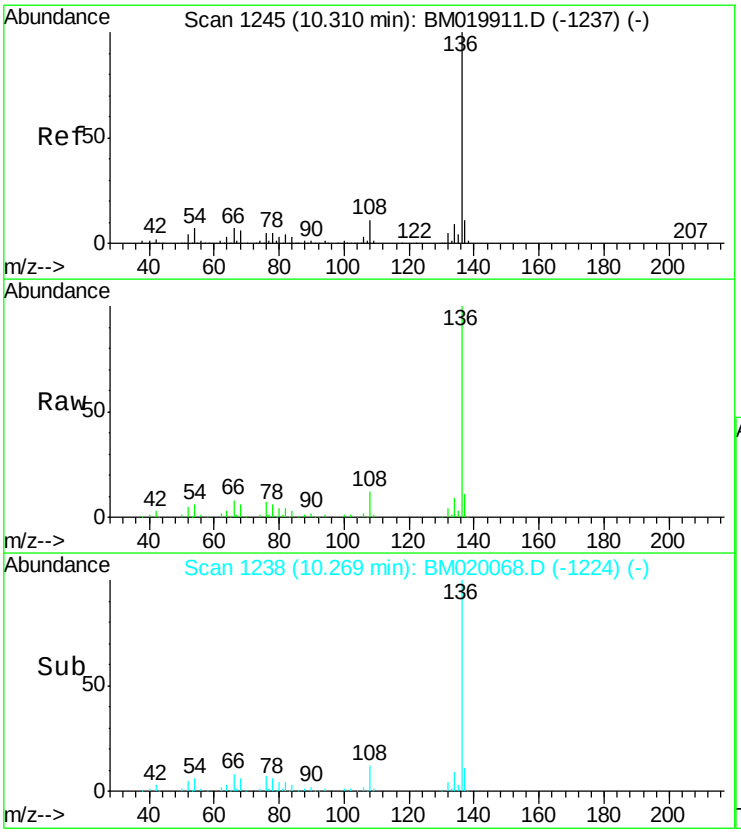
#15
Benzyl Alcohol
Concen: 1.776 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 16904

Ion	Ratio	Lower	Upper
79	100		
108	41.4	53.9	80.9#
77	111.6	53.1	79.7#

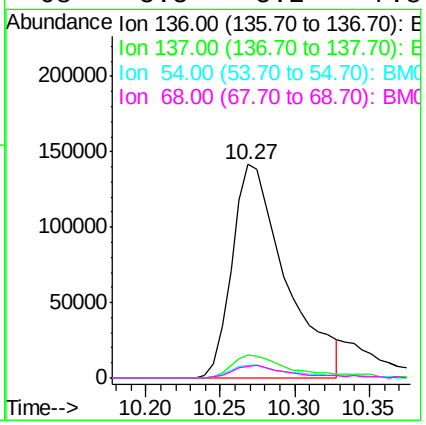


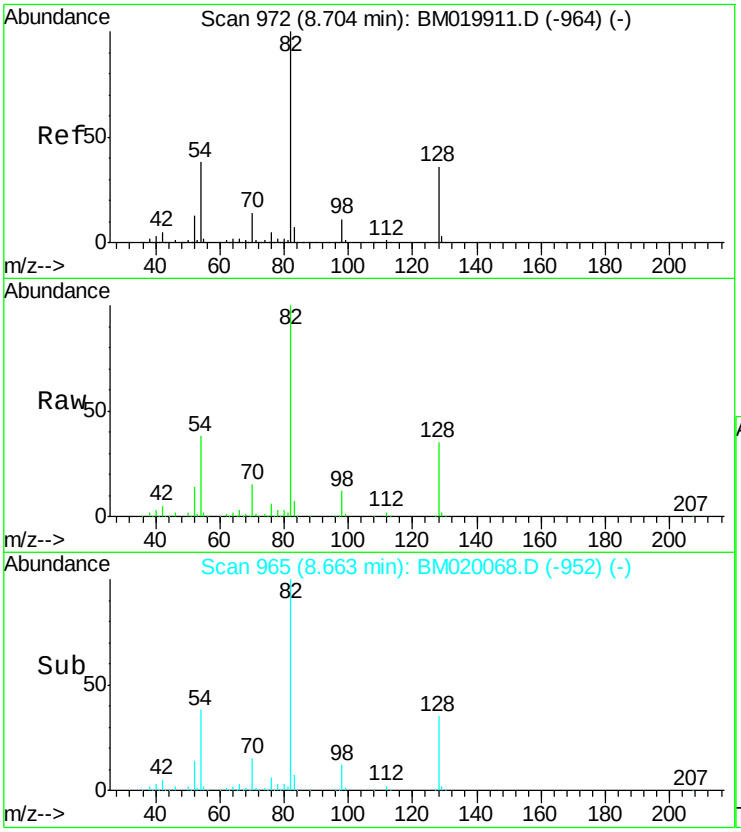


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:136 Resp: 354063

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	5.8	5.3	7.9
68	5.5	5.2	7.8



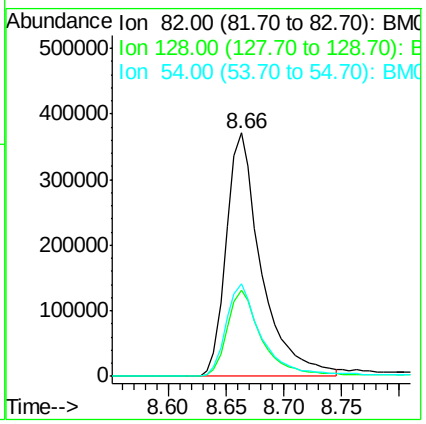


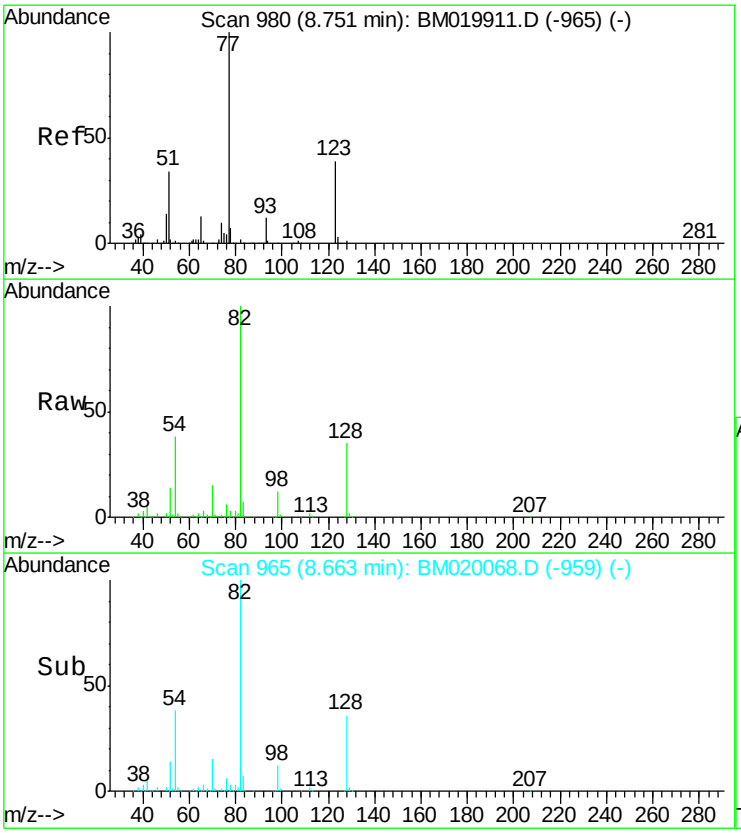
#23
Nitrobenzene-d5
Concen: 99.083 ng
RT: 8.66 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 784449

Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.0	43.4
54	38.1	30.2	45.4

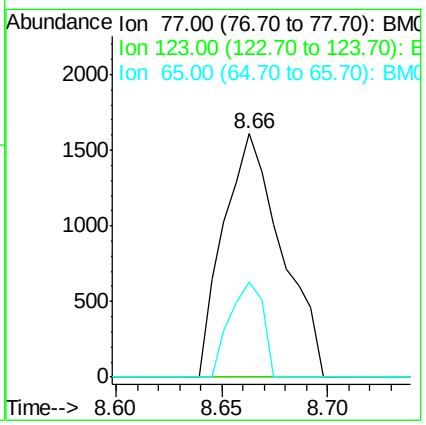


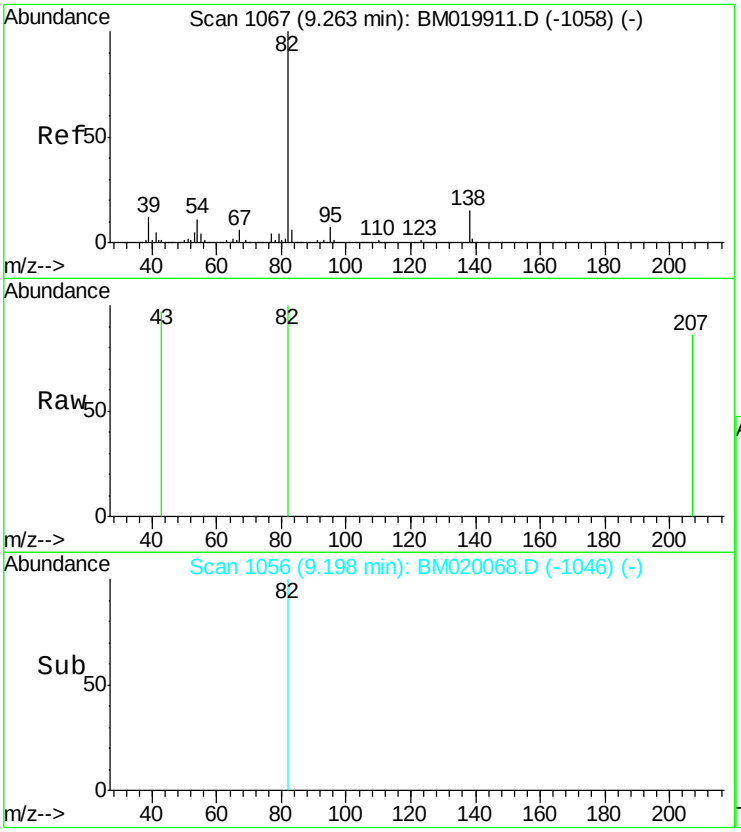


#24
Nitrobenzene
Concen: 0.375 ng
RT: 8.66 min Scan# 965
Delta R.T. -0.06 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion: 77 Resp: 3075

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.0	46.4#
65	39.3	10.6	16.0#



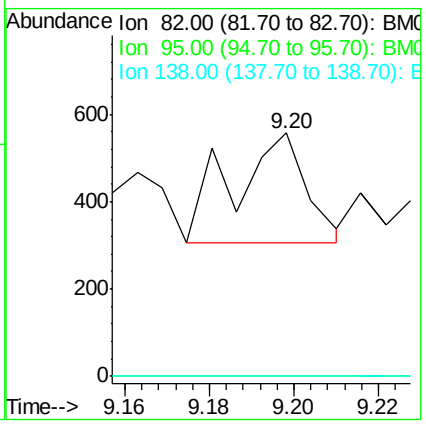


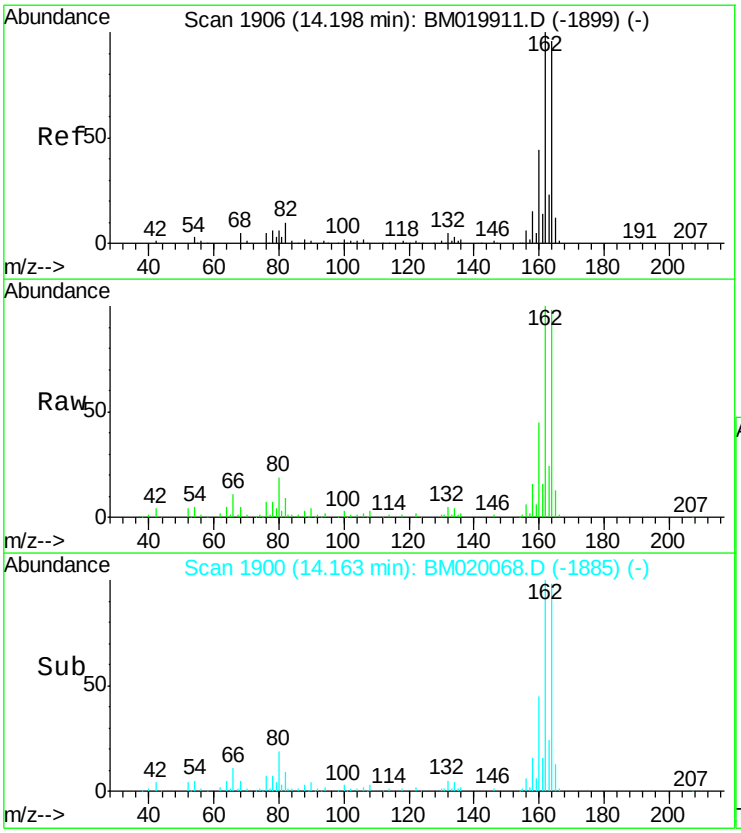
#25
Isophorone
Concen: 0.020 ng
RT: 9.20 min Scan# 1056
Delta R.T. -0.04 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 303

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	12.2	18.2#

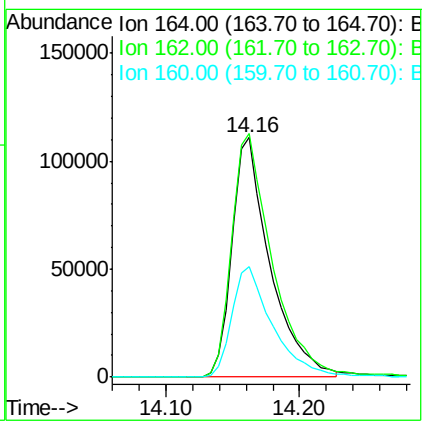


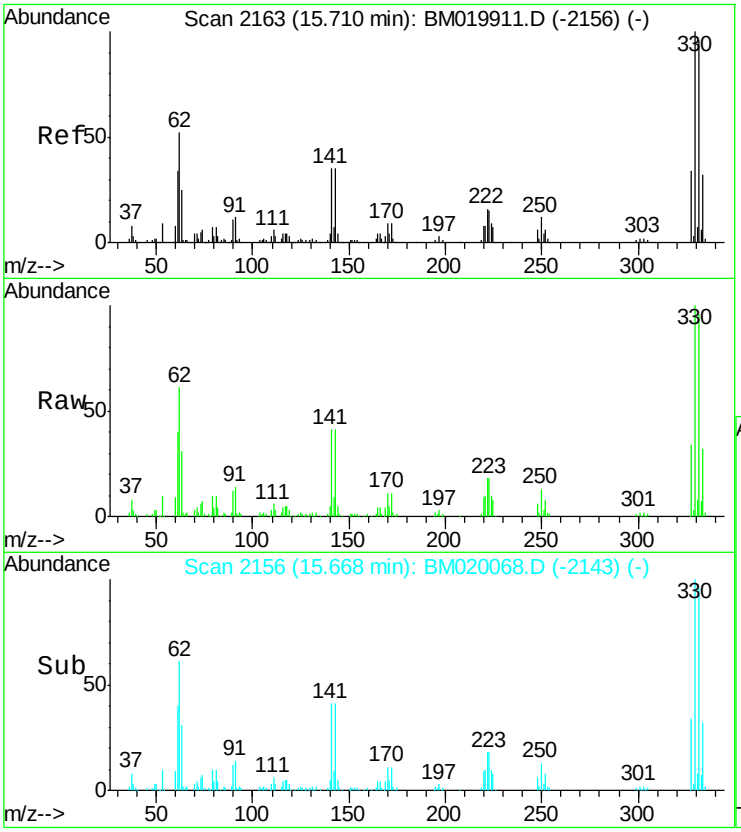


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:164 Resp: 220550

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.4
160	46.3	36.6	55.0



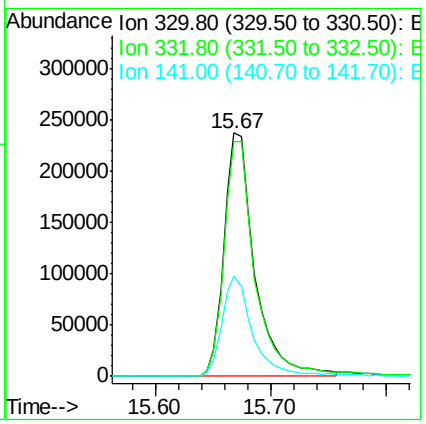


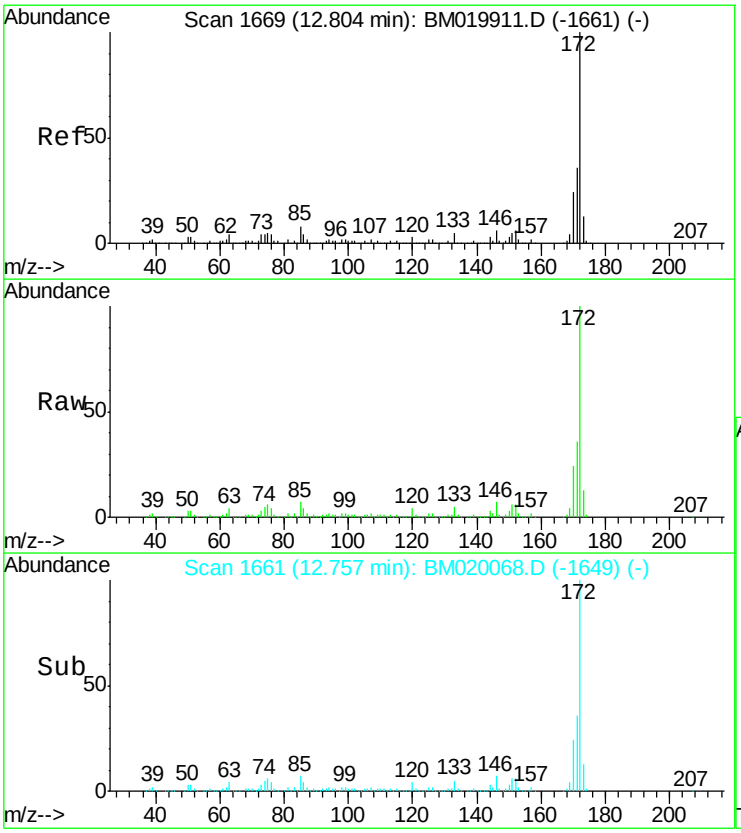
#42
2,4,6-Tribromophenol
Concen: 123.034 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 436801

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	41.1	29.0	43.4

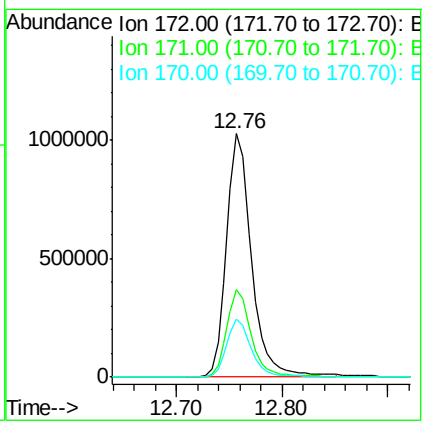


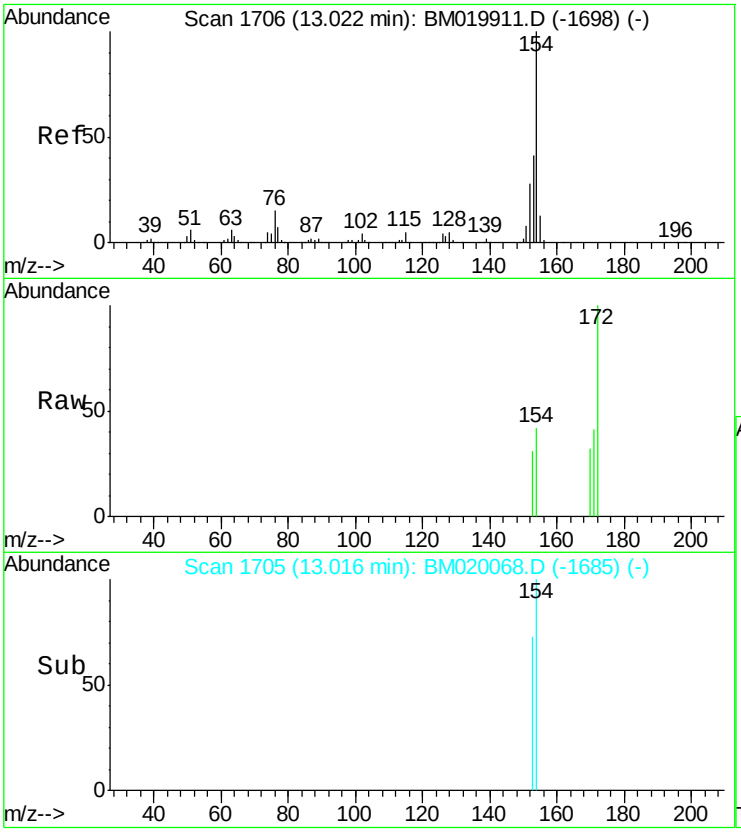


#45
2-Fluorobiphenyl
Concen: 95.047 ng
RT: 12.76 min Scan# 1661
Delta R.T. -0.03 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:172 Resp: 1682089

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.8	19.0	28.4



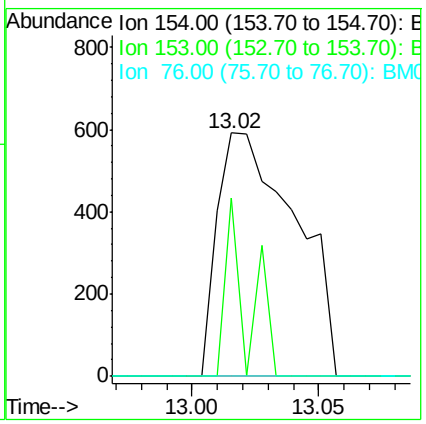


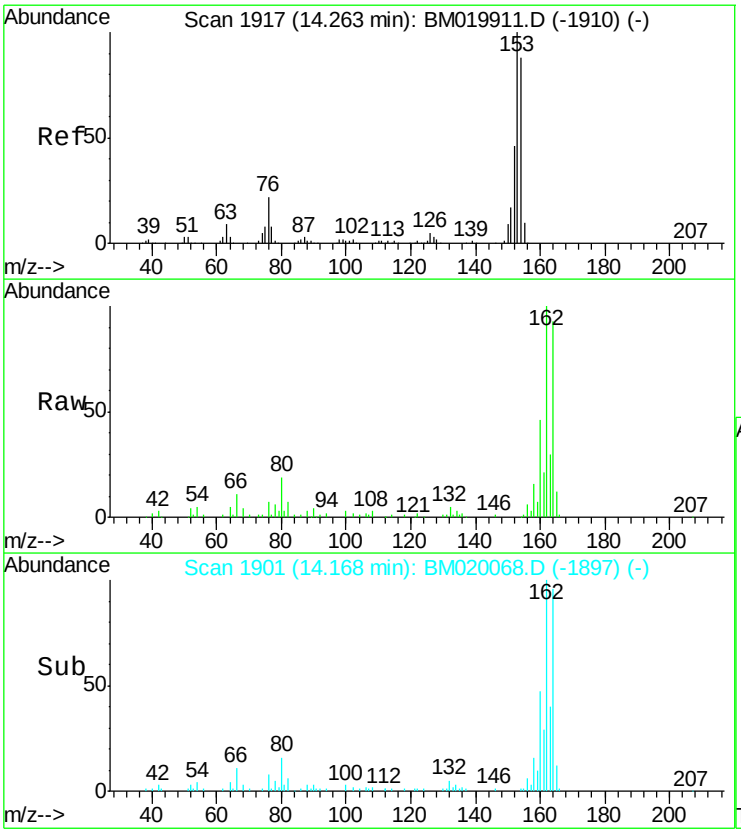
#46
1,1'-Biphenyl
Concen: 0.066 ng
RT: 13.02 min Scan# 1705
Delta R.T. 0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 1270

Ion	Ratio	Lower	Upper
154	100		
153	73.1	21.0	61.0#
76	0.0	0.0	34.8

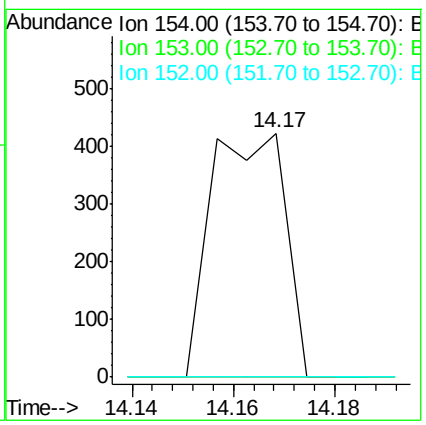


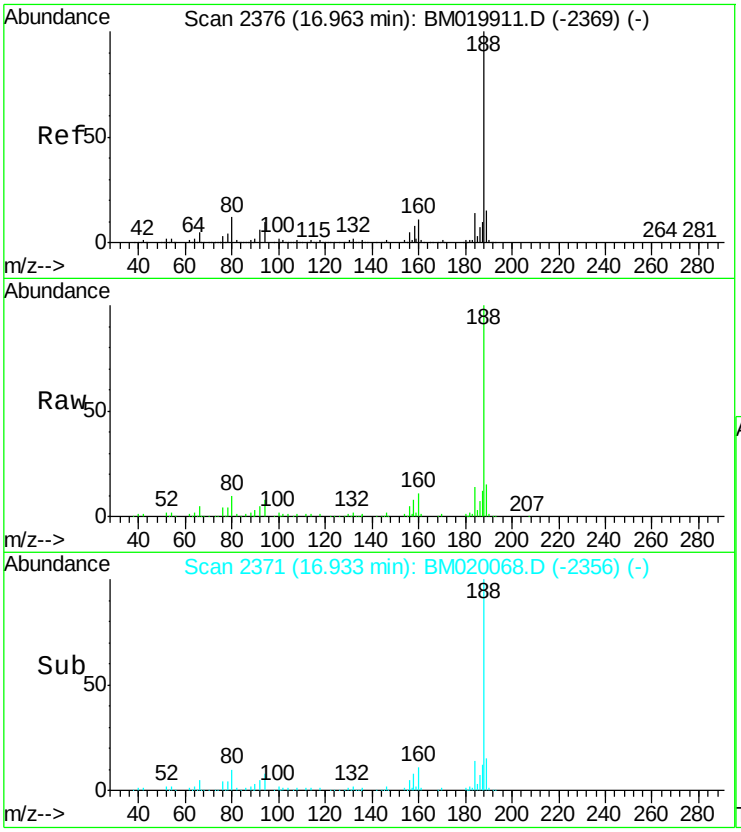


#52
Acenaphthene
Concen: 0.030 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.08 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:154 Resp: 428

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.0	136.4#
152	0.0	42.2	63.2#



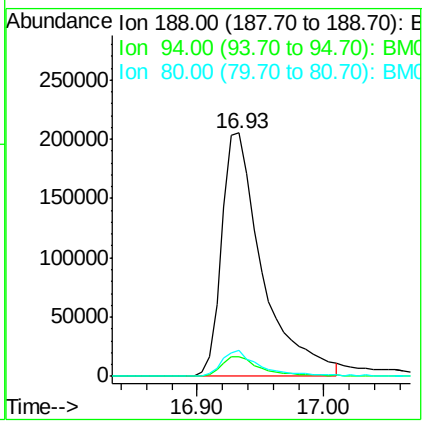


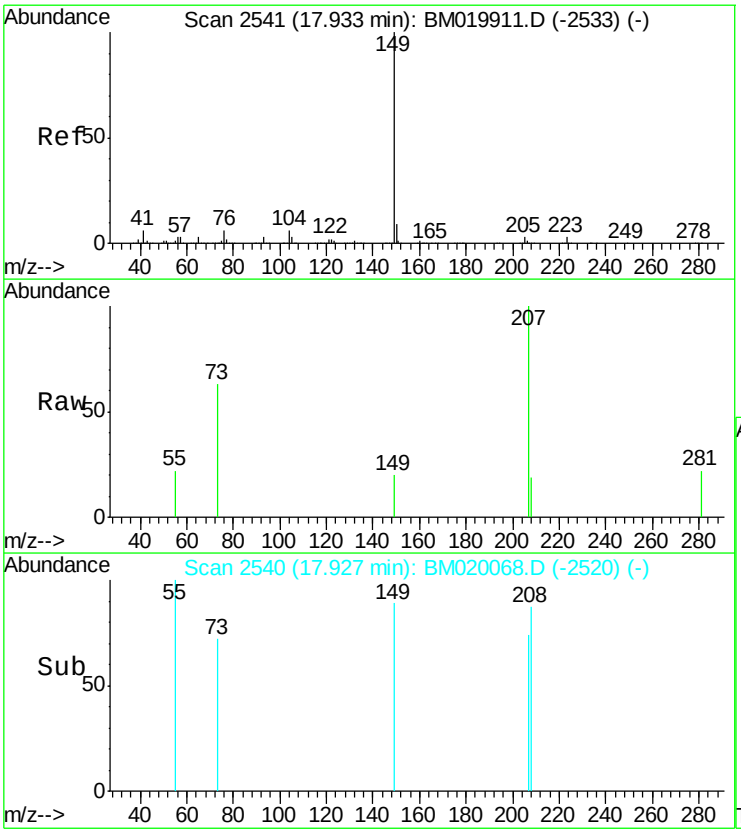
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 457760

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.6	11.4
80	10.5	9.4	14.0

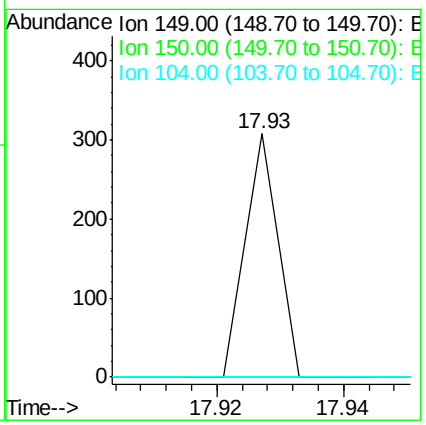


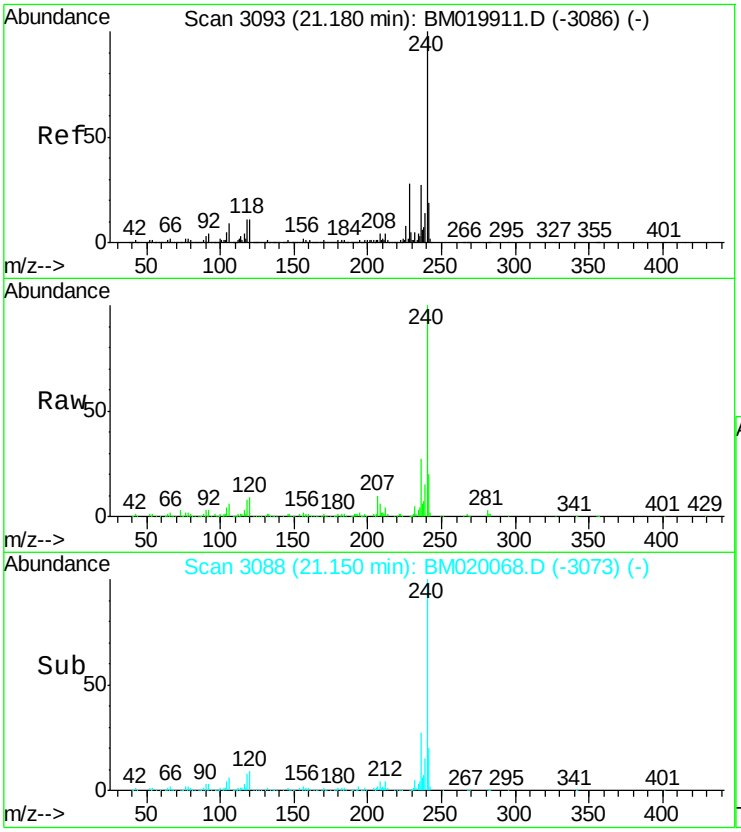


#74
Di-n-butylphthalate
Concen: 0.003 ng
RT: 17.93 min Scan# 2540
Delta R.T. 0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:149 Resp: 109

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.2	10.8#
104	0.0	4.6	7.0#



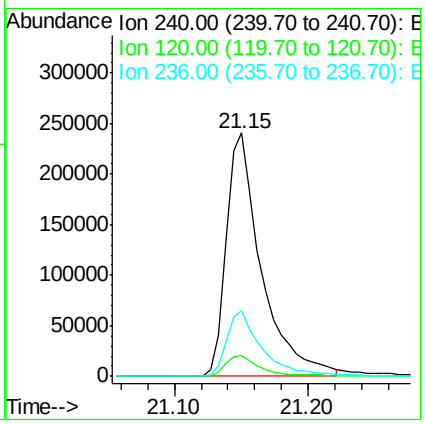


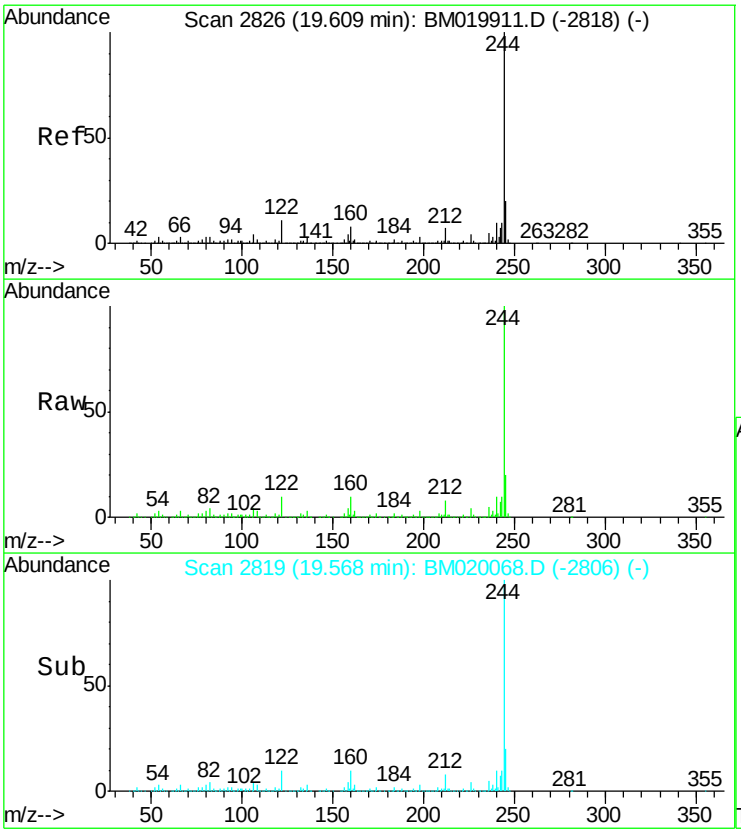
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 441870

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.6	13.0#
236	26.9	21.4	32.2

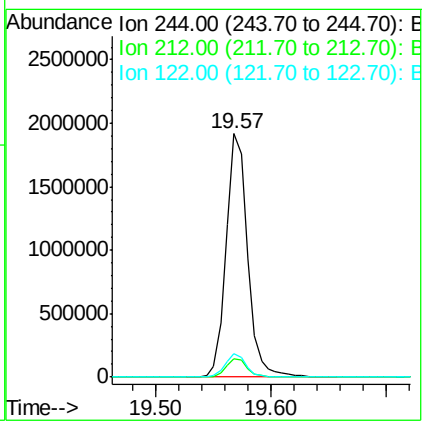


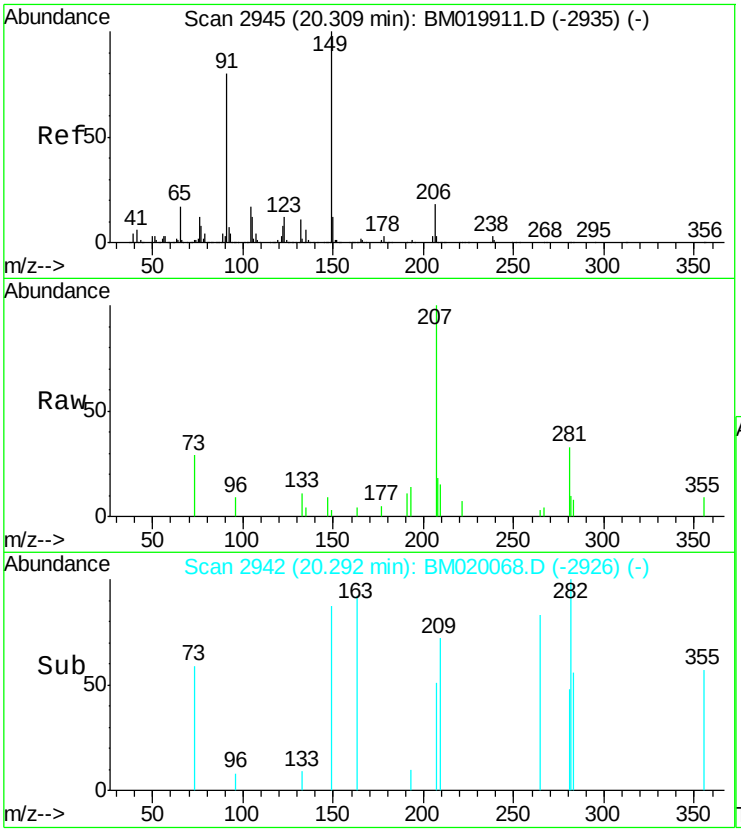


#79
Terphenyl-d14
Concen: 98.397 ng
RT: 19.57 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:244 Resp: 2465024

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	9.8	9.1	13.7



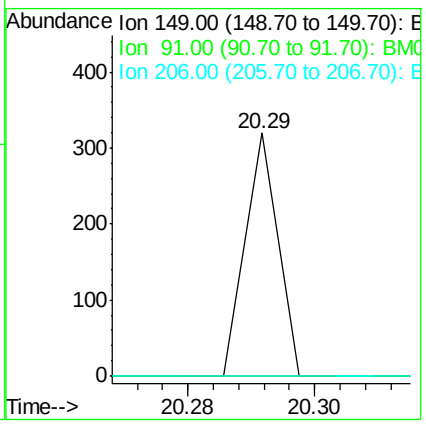


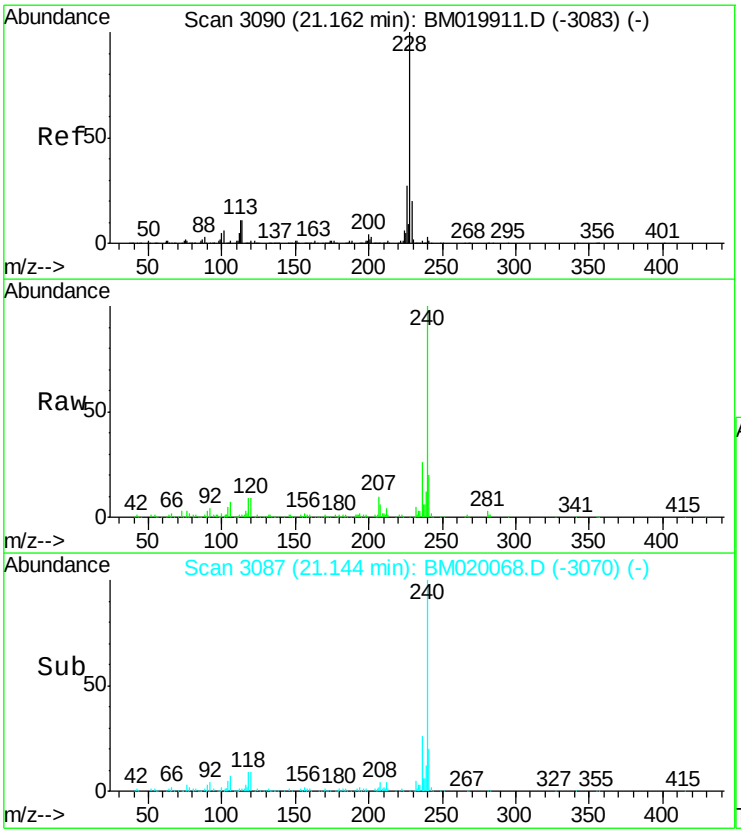
#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.29 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 113

Ion	Ratio	Lower	Upper
149	100		
91	0.0	63.7	95.5#
206	0.0	14.6	21.8#

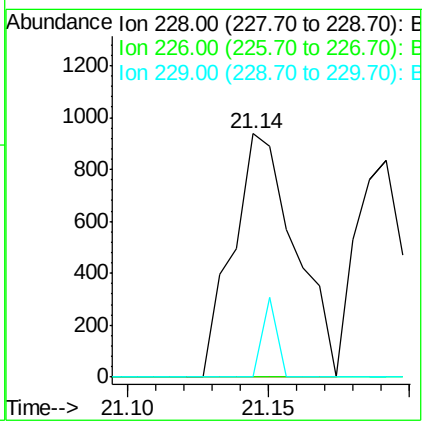


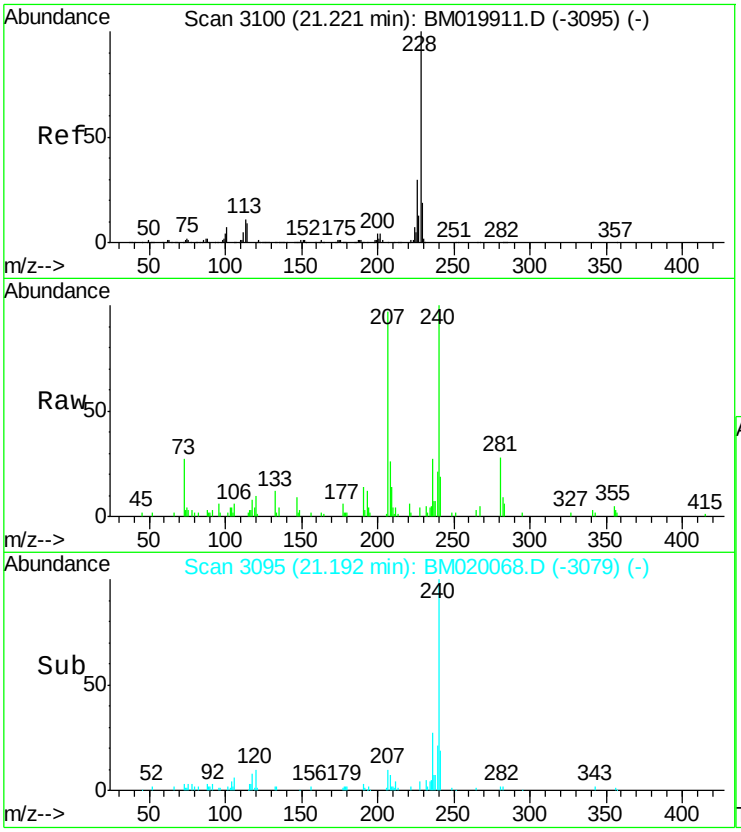


#81
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:228 Resp: 1431

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.8	32.6#
229	0.0	15.9	23.9#



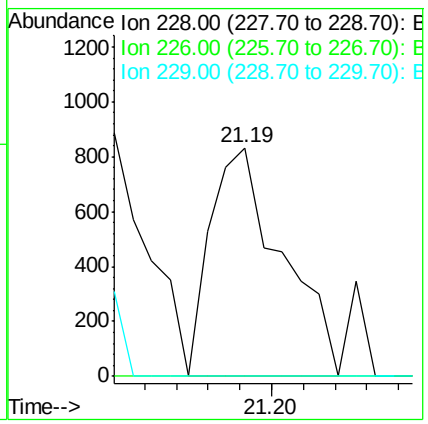


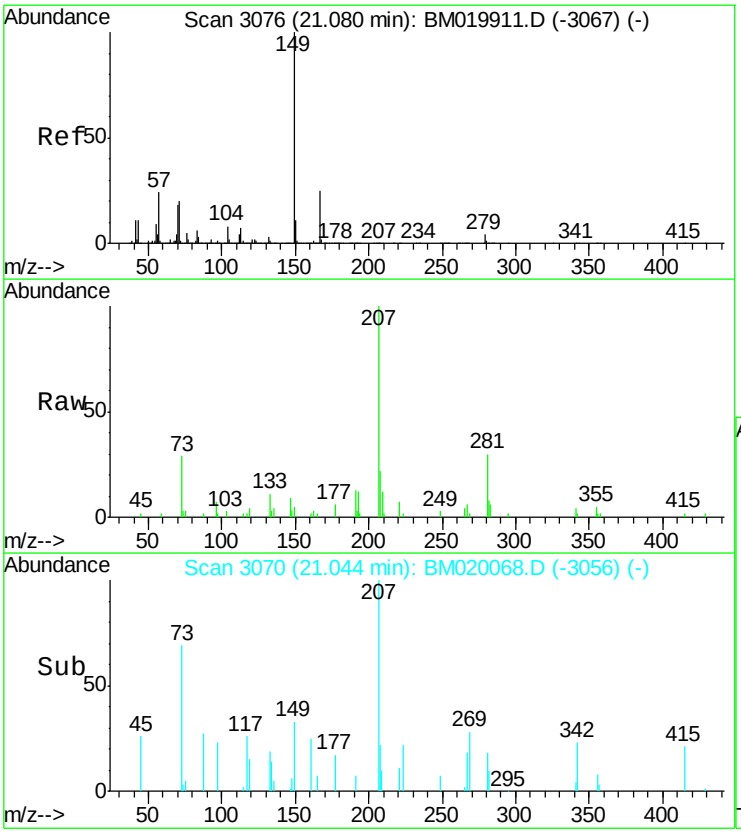
#83
Chrysene
Concen: 0.049 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1304

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.7	35.5#
229	0.0	15.6	23.4#

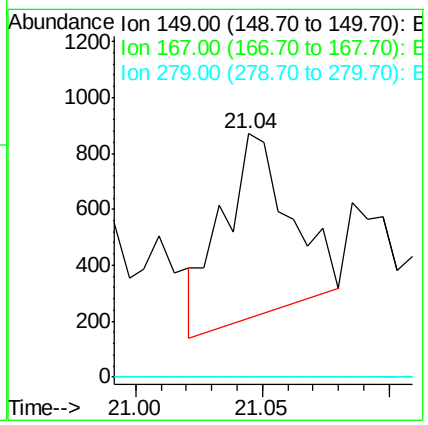


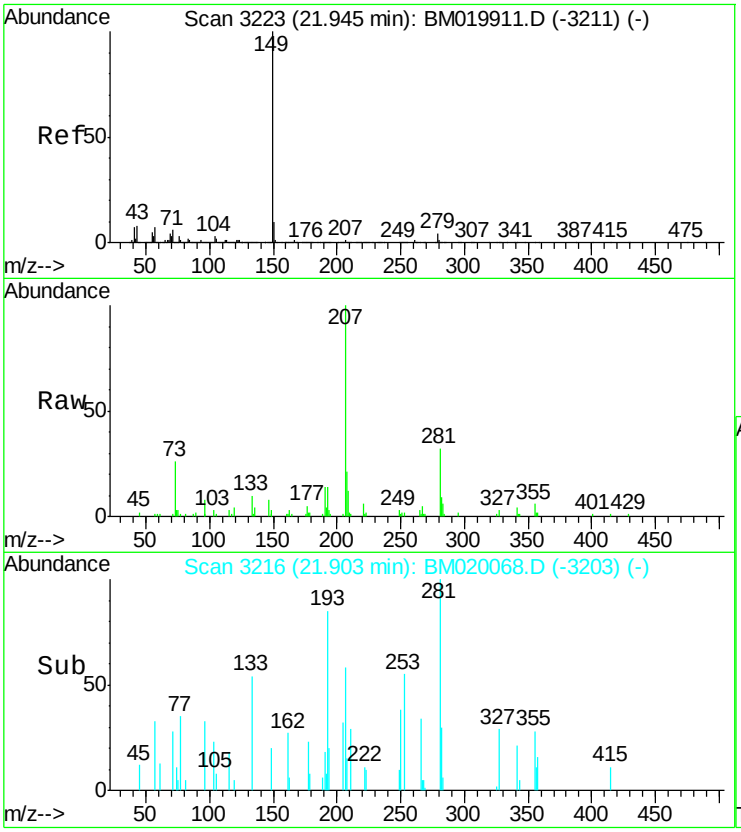


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.057 ng
RT: 21.04 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:149 Resp: 1211

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.3	30.5#
279	0.0	3.4	5.2#



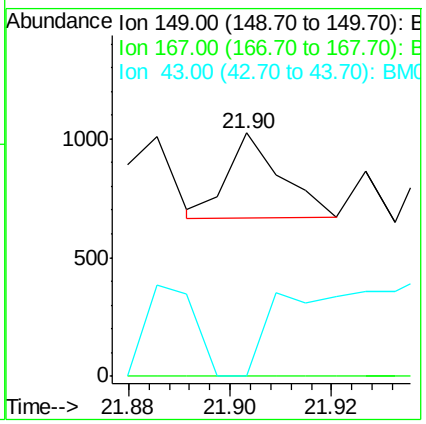


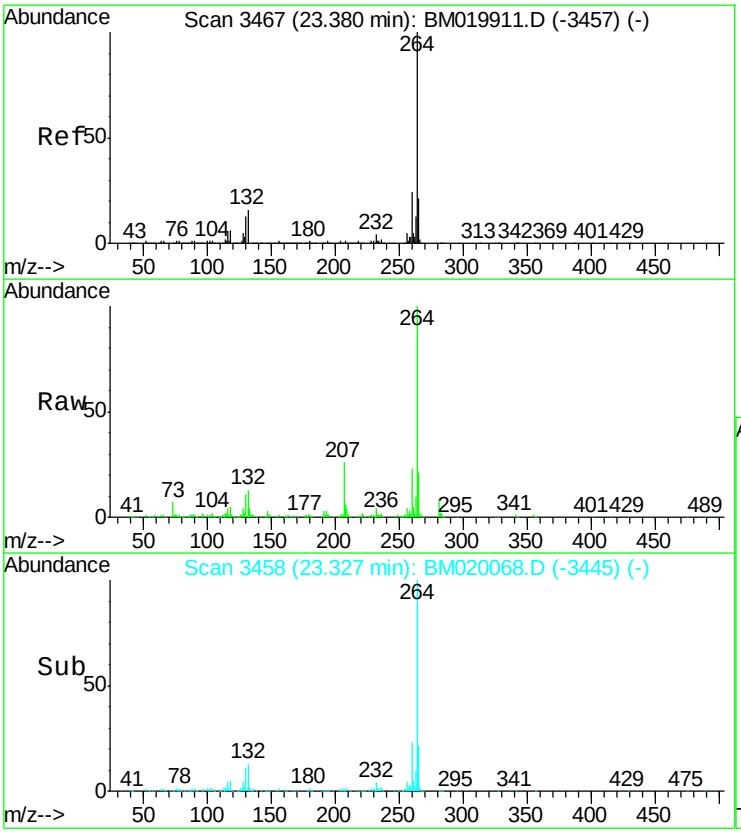
#85
Di-n-octyl phthalate
Concen: 0.008 ng
RT: 21.90 min Scan# 3216
Delta R.T. -0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 265

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	6.0	9.0#

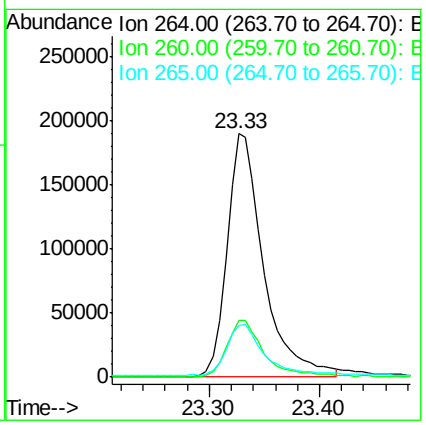


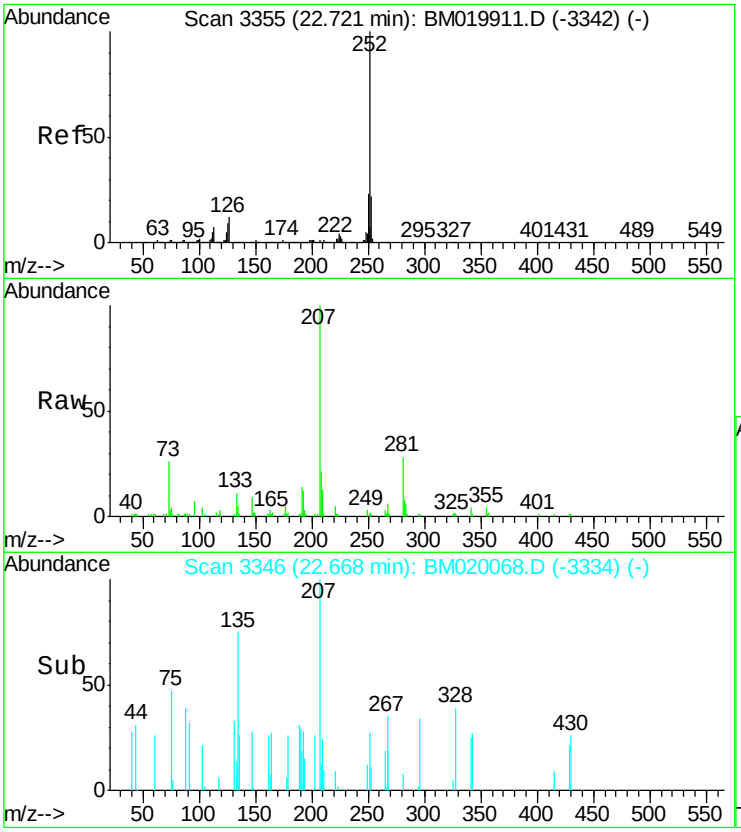


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:264 Resp: 440101

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.2	25.8



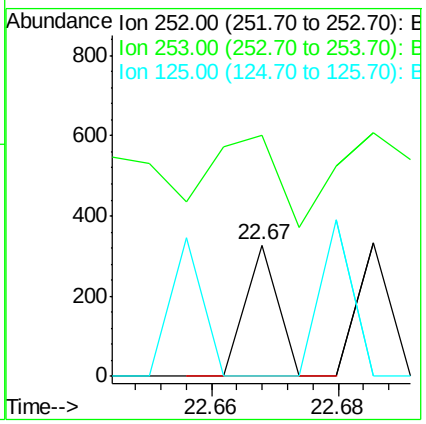


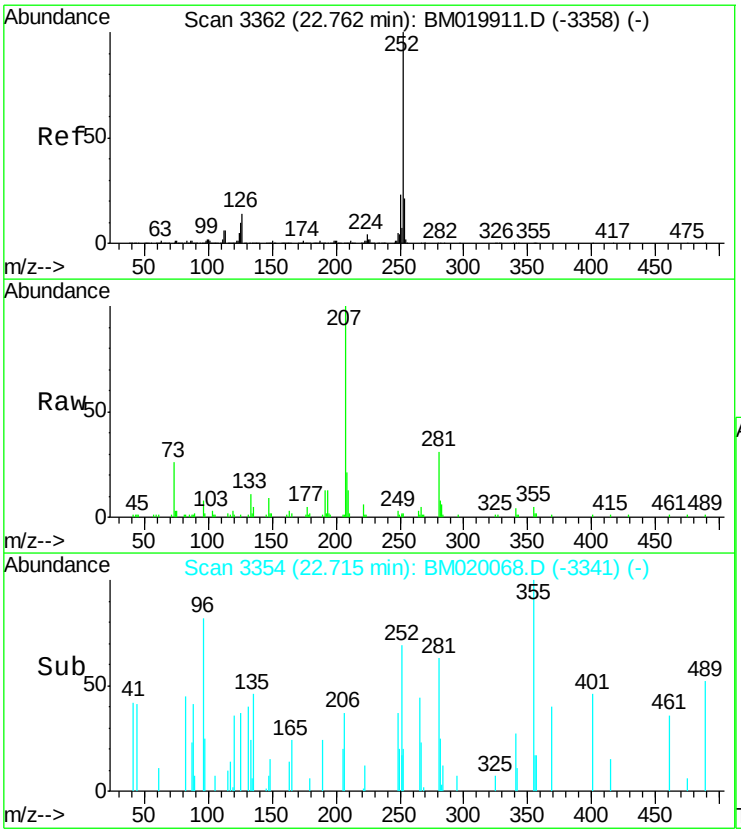
#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 22.67 min Scan# 3346
Delta R.T. -0.03 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 116

Ion	Ratio	Lower	Upper
252	100		
253	182.9	17.5	26.3#
125	0.0	7.6	11.4#

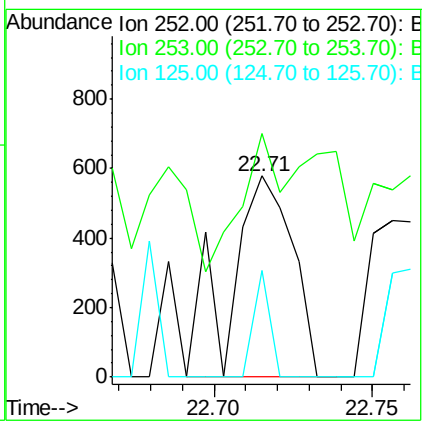


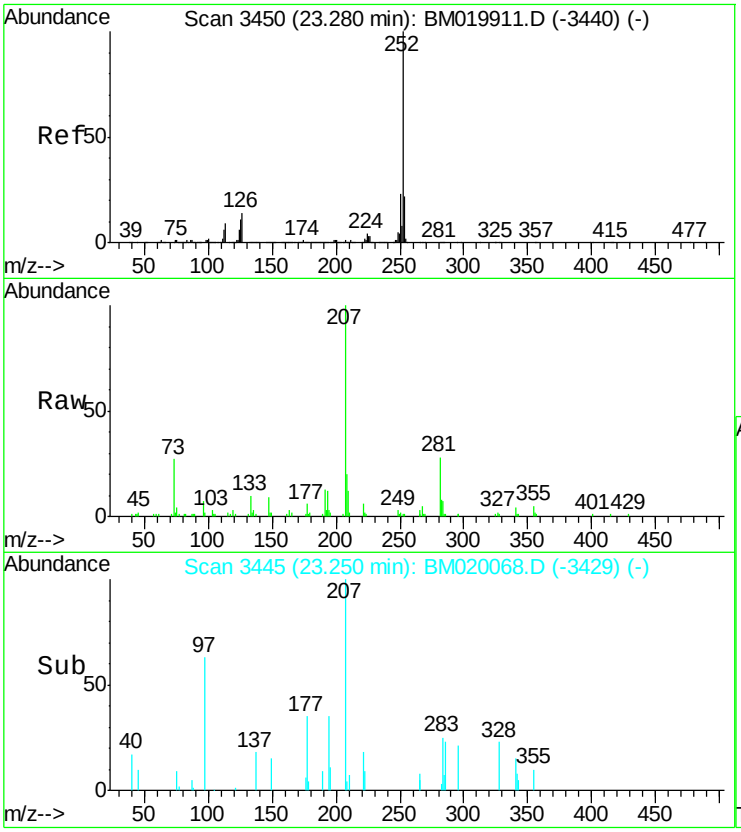


#89
Benzo(k)fluoranthene
Concen: 0.029 ng
RT: 22.71 min Scan# 3354
Delta R.T. -0.02 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Tgt Ion:252 Resp: 793

Ion	Ratio	Lower	Upper
252	100		
253	121.1	17.3	25.9#
125	53.2	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 0.005 ng
RT: 23.25 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM020068.D
Acq: 24 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 118

Ion	Ratio	Lower	Upper
252	100		
253	133.7	17.8	26.8#
125	0.0	9.1	13.7#