Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020094.D
Acq On : 01 May 2019 17:27
Operator : JU/SJ
Sample : K2624-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 02 01:30:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	95696	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	346016	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	207303	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	526784	20.00	ng	0.00
76) Chrysene-d12	21.36	240	605613	20.00	ng	-0.01
87) Perylene-d12	23.64	264	705777	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	785141	134.11	ng	0.00
7) Phenol-d6	6.95	99	1161337	145.20	ng	0.00
23) Nitrobenzene-d5	8.95	82	878610	100.25	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	454528	141.26	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1747819	103.73	ng	0.00
79) Terphenyl-d14	19.80	244	3371462	97.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	1038	0.362	ng	# 16
4) n-Nitrosodimethylamine	3.65	42	756	0.321	ng	# 1
9) Benzaldehyde	6.95	77	3323	0.549	ng	# 12
10) Phenol	6.97	94	5446	0.633	ng	# 75
15) Benzyl Alcohol	8.10	79	12790	1.658	ng	# 57
24) Nitrobenzene	8.95	77	3982	0.438	ng	# 42
25) Isophorone	9.52	82	939	0.062	ng	# 70
46) 1,1'-Biphenyl	13.26	154	2354	0.138	ng	70
50) Dimethylphthalate	13.89	163	107355	6.093	ng	98
52) Acenaphthene	14.42	154	668	0.053	ng	# 4
60) Diethylphthalate	15.26	149	751	0.042	ng	# 58
63) Azobenzene	15.77	77	148	0.007	ng	# 55
71) Phenanthrene	17.21	178	1521	0.052	ng	# 59
72) Anthracene	17.31	178	179	0.006	ng	# 61
73) Carbazole	17.59	167	171	0.007	ng	# 59
74) Di-n-butylphthalate	18.14	149	2117	0.067	ng	# 76
75) Fluoranthene	19.23	202	1161	0.032	ng	# 6
77) Benzidine	19.49	184	126	0.007	ng	# 1
78) Pyrene	19.59	202	1256	0.031	ng	# 39
80) Butylbenzylphthalate	20.49	149	1365	0.092	ng	# 28
81) Benzo(a)anthracene	21.36	228	3877	0.091	ng	# 62
82) 3,3'-Dichlorobenzidine	21.27	252	627	0.039	ng	# 1
83) Chrysene	21.40	228	1772	0.043	ng	# 85
84) Bis(2-ethylhexyl)phthalate	21.27	149	3486	0.152	ng	# 94
85) Di-n-octyl phthalate	22.16	149	812	0.021	ng	# 31
88) Benzo(b)fluoranthene	22.95	252	1921	0.041	ng	# 1
89) Benzo(k)fluoranthene	22.99	252	1563	0.037	ng	# 1
90) Benzo(a)pyrene	23.53	252	1011	0.024	ng	# 1

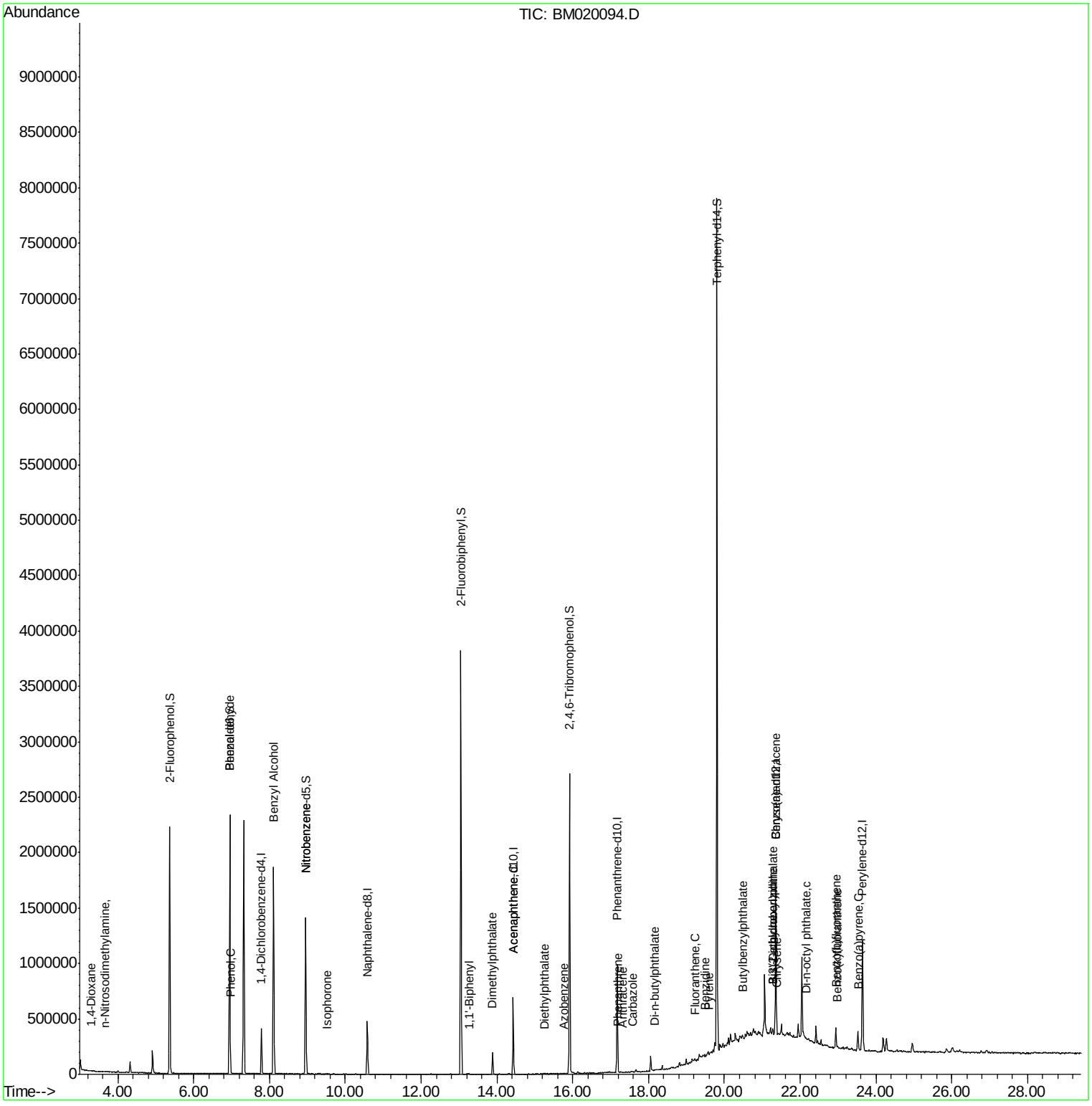
(#) = qualifier out of range (m) = manual integration (+) = signals summed

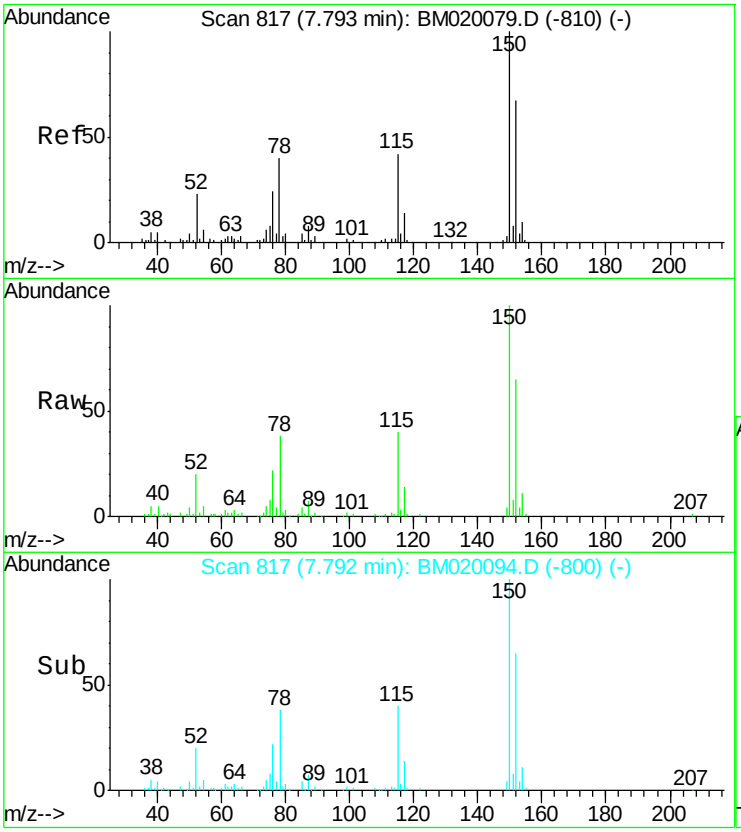
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020094.D
Acq On : 01 May 2019 17:27
Operator : JU/SJ
Sample : K2624-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 02 01:30:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration



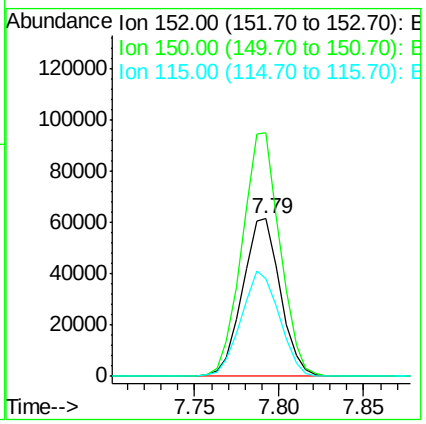


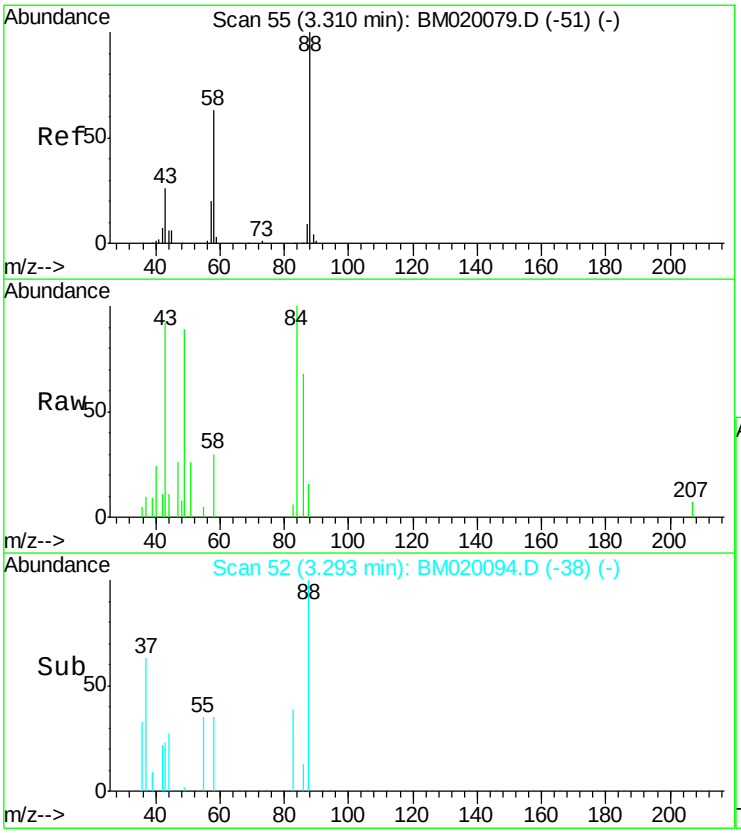
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 95696

Ion	Ratio	Lower	Upper
152	100		
150	154.6	119.8	179.8
115	61.8	50.8	76.2

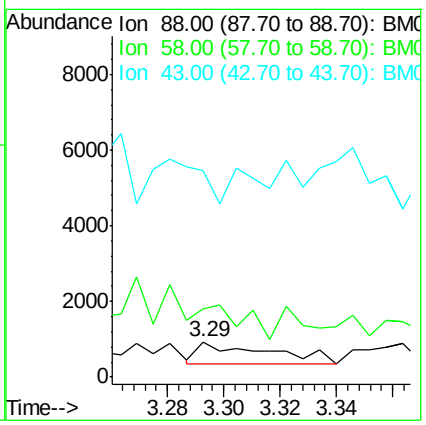


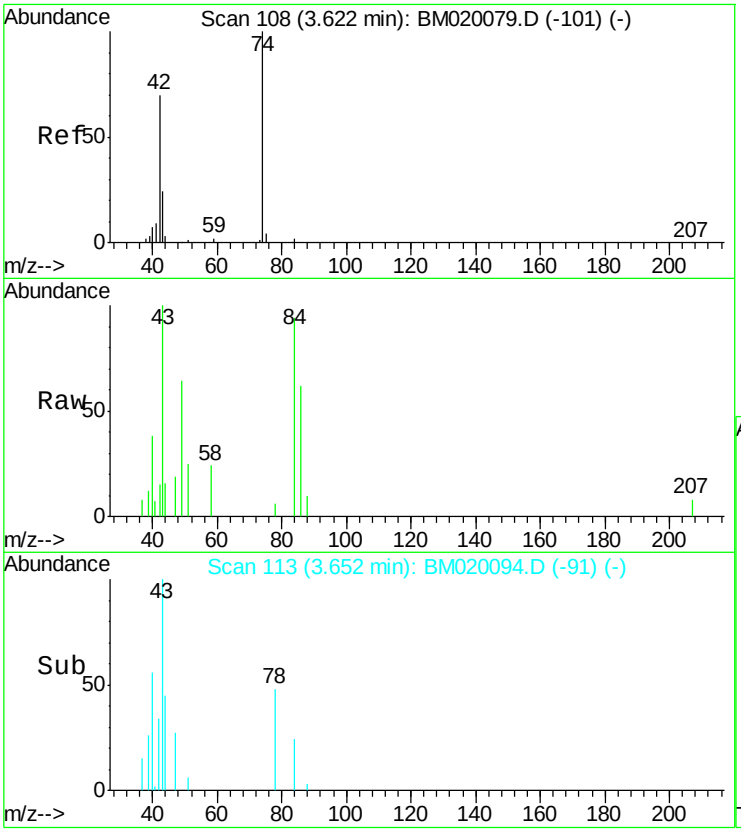


#2
1,4-Dioxane
Concen: 0.362 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion: 88 Resp: 1038

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.8	77.6#
43	69.7	20.3	30.5#



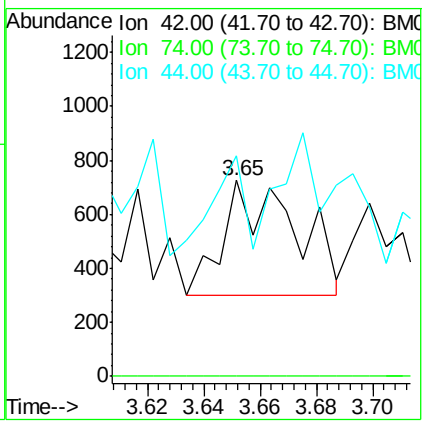


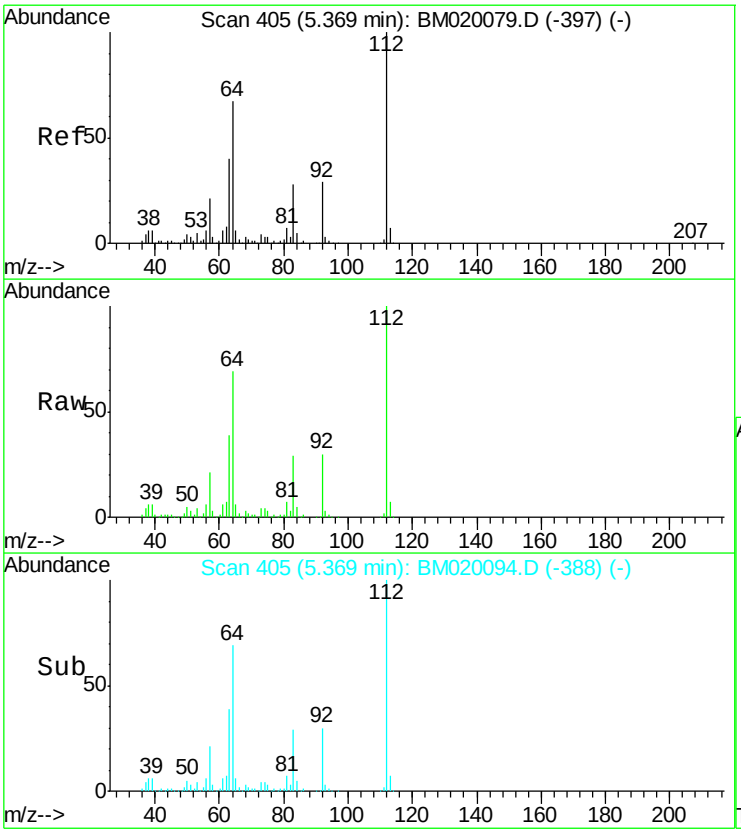
#4
n-Nitrosodimethylamine
Concen: 0.321 ng
RT: 3.65 min Scan# 113
Delta R.T. 0.03 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 756

Ion	Ratio	Lower	Upper
42	100		
74	0.0	113.7	170.5#
44	112.5	3.9	5.9#

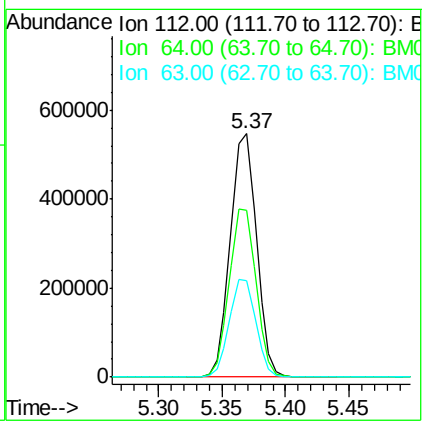


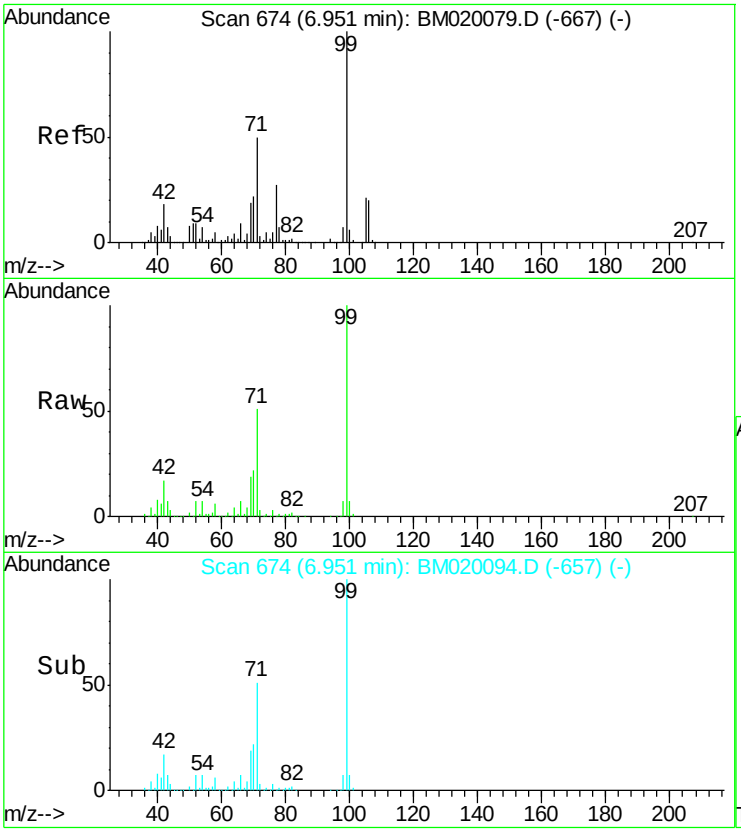


#5
2-Fluorophenol
Concen: 134.111 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:112 Resp: 785141

Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.8	80.6
63	39.5	32.3	48.5



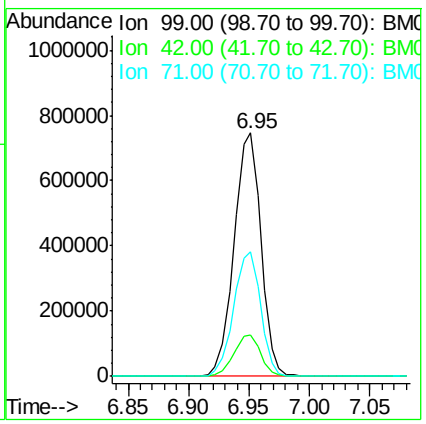


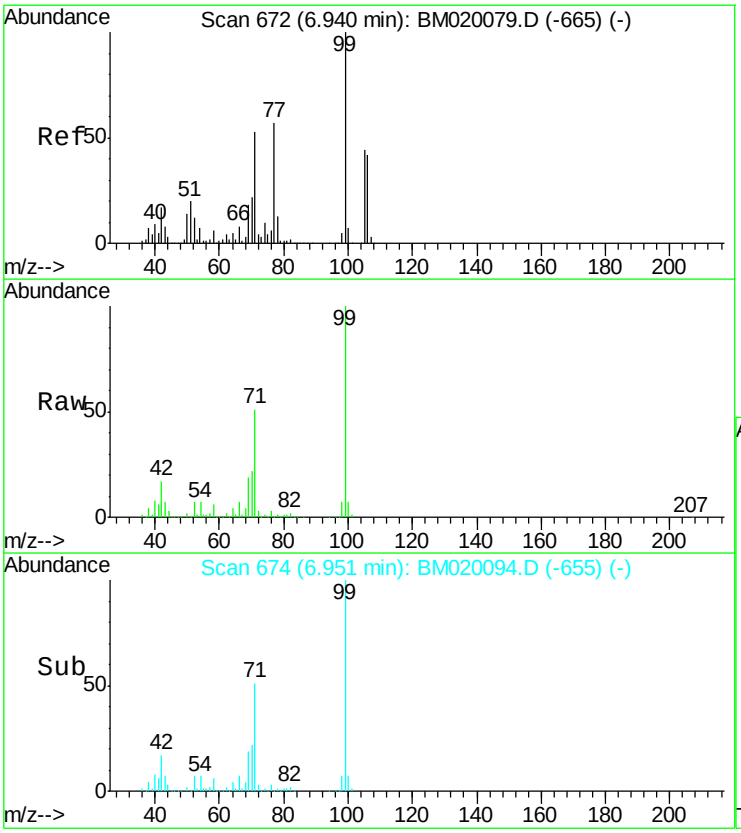
#7
Phenol-d6
Concen: 145.204 ng
RT: 6.95 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1161337

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.2	21.2
71	51.0	40.3	60.5

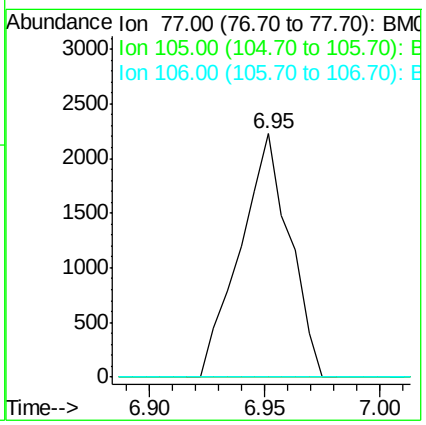


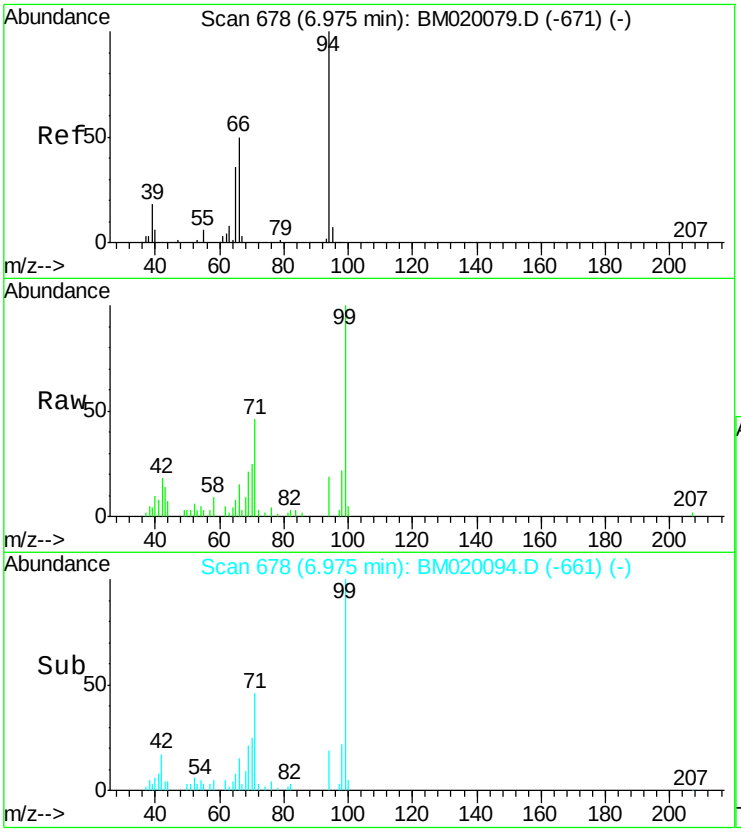


#9
Benzaldehyde
Concen: 0.549 ng
RT: 6.95 min Scan# 674
Delta R.T. 0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion: 77 Resp: 3323

Ion	Ratio	Lower	Upper
77	100		
105	0.0	57.8	97.8#
106	0.0	53.6	93.6#



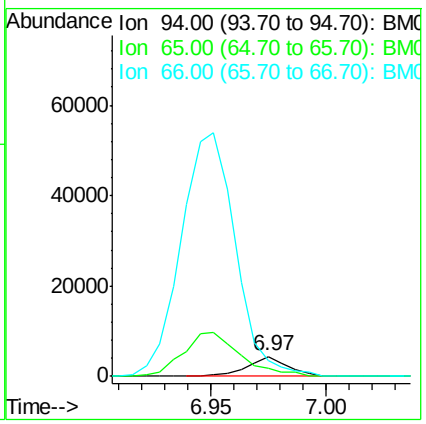


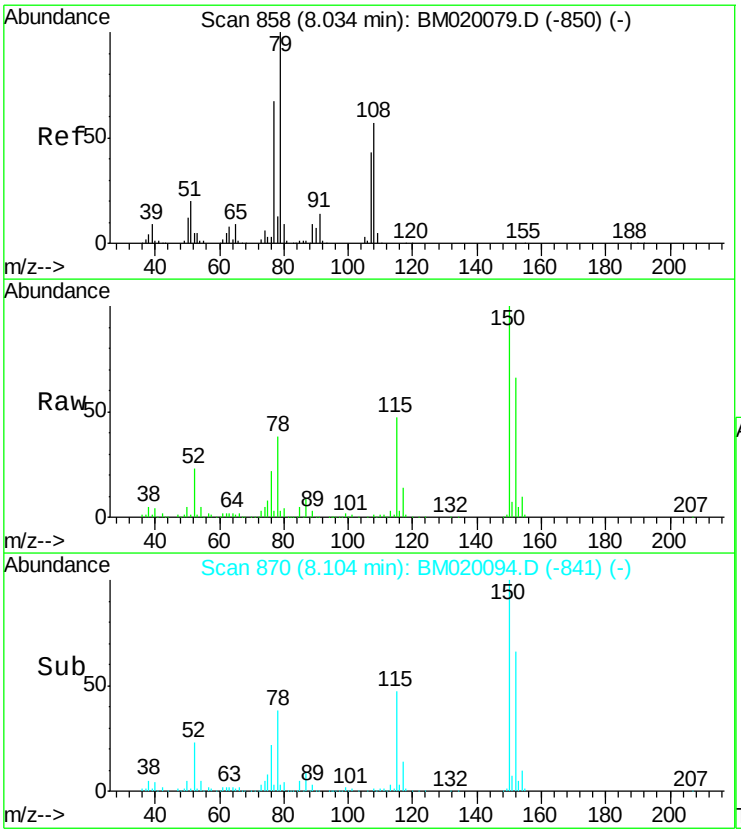
#10
Phenol
Concen: 0.633 ng
RT: 6.97 min Scan# 678
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 5446

Ion	Ratio	Lower	Upper
94	100		
65	40.9	17.0	57.0
66	81.1	34.5	74.5#

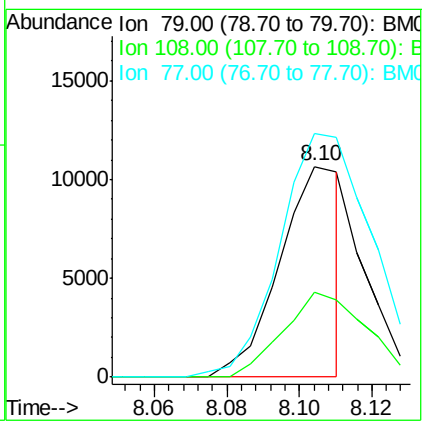


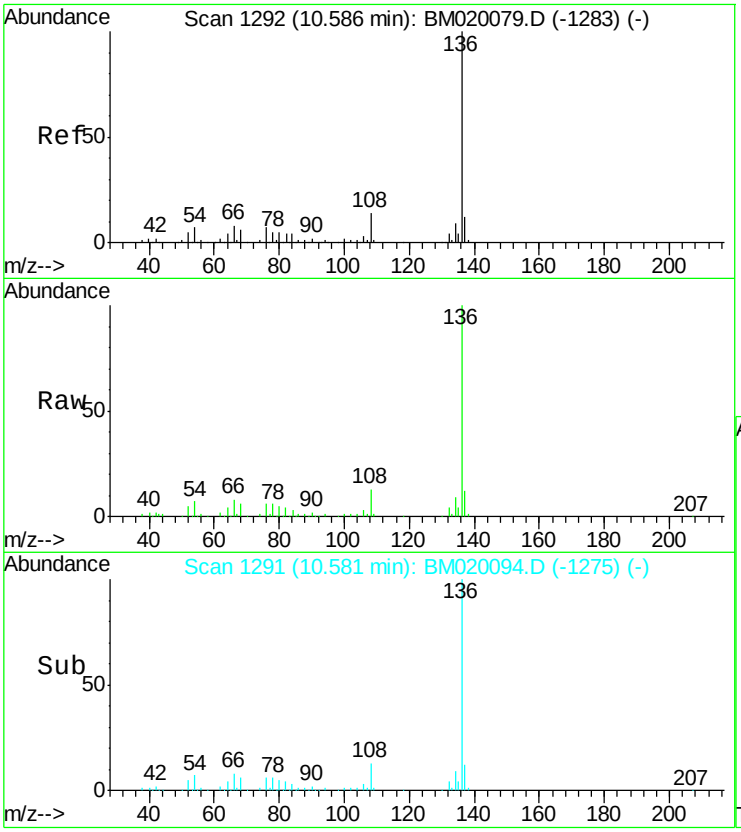


#15
Benzyl Alcohol
Concen: 1.658 ng
RT: 8.10 min Scan# 870
Delta R.T. 0.07 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion: 79 Resp: 12790

Ion	Ratio	Lower	Upper
79	100		
108	40.2	46.0	69.0#
77	115.6	53.8	80.6#



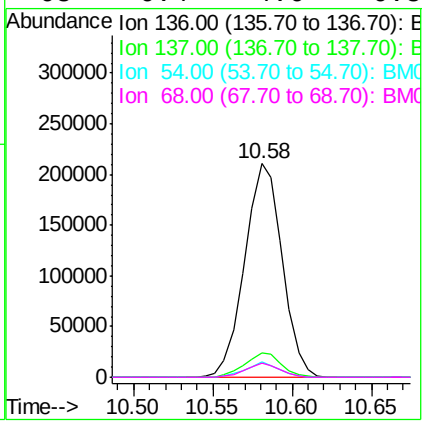


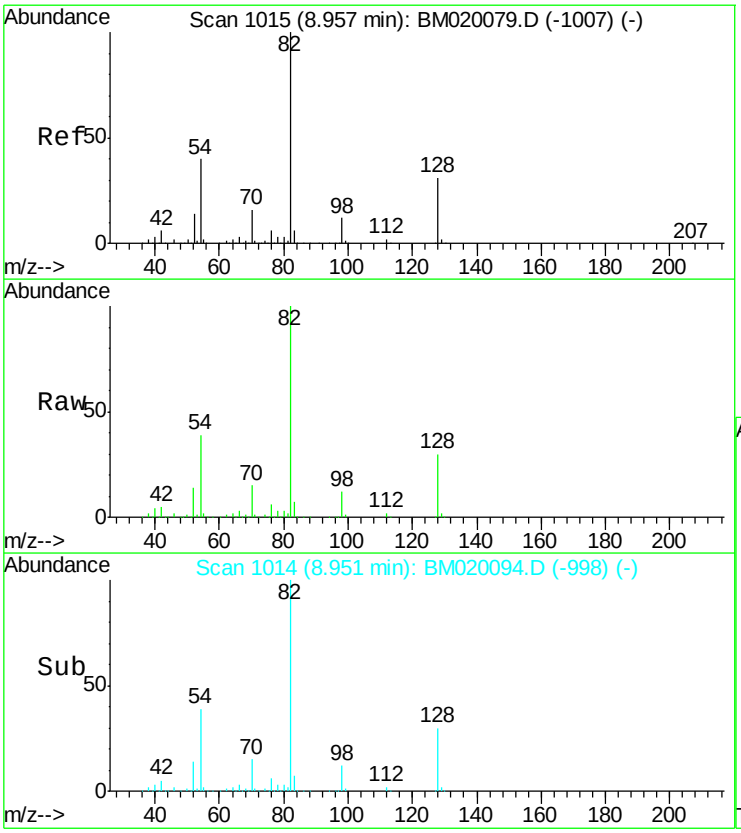
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 346016

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	7.1	5.5	8.3
68	6.4	4.6	6.8

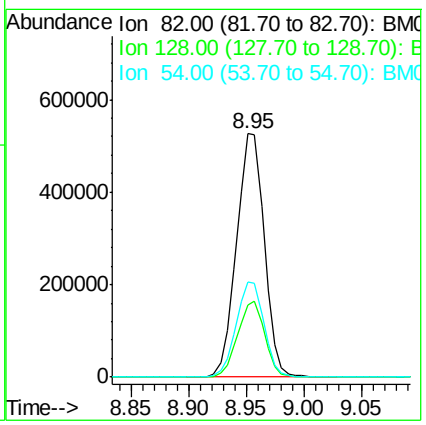


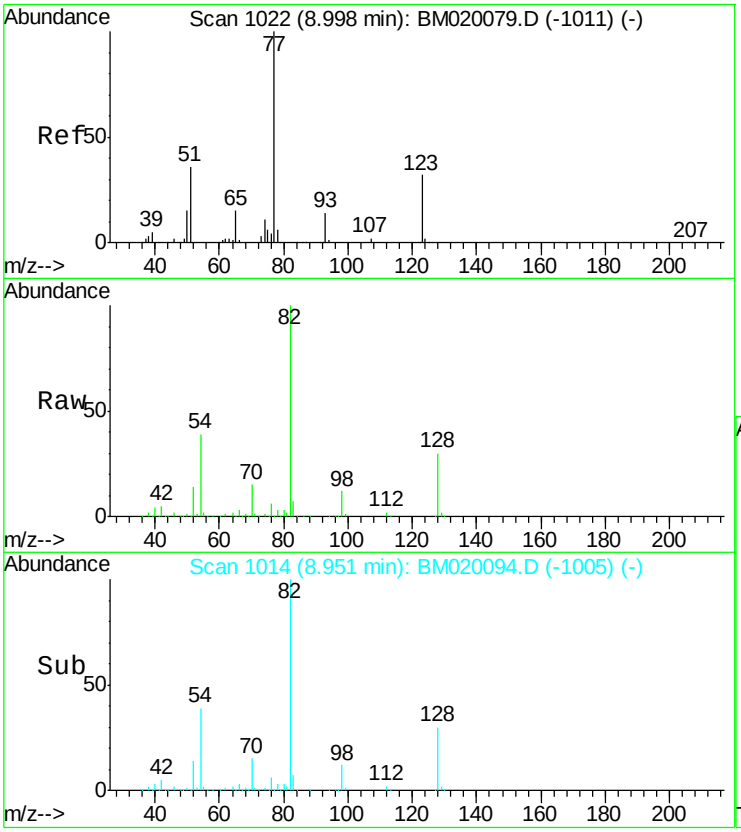


#23
Nitrobenzene-d5
Concen: 100.249 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion: 82 Resp: 878610

Ion	Ratio	Lower	Upper
82	100		
128	29.6	25.2	37.8
54	38.9	31.9	47.9



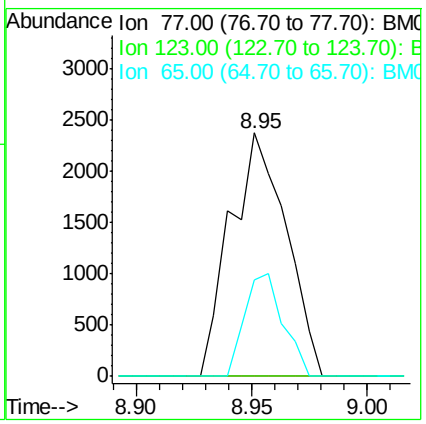


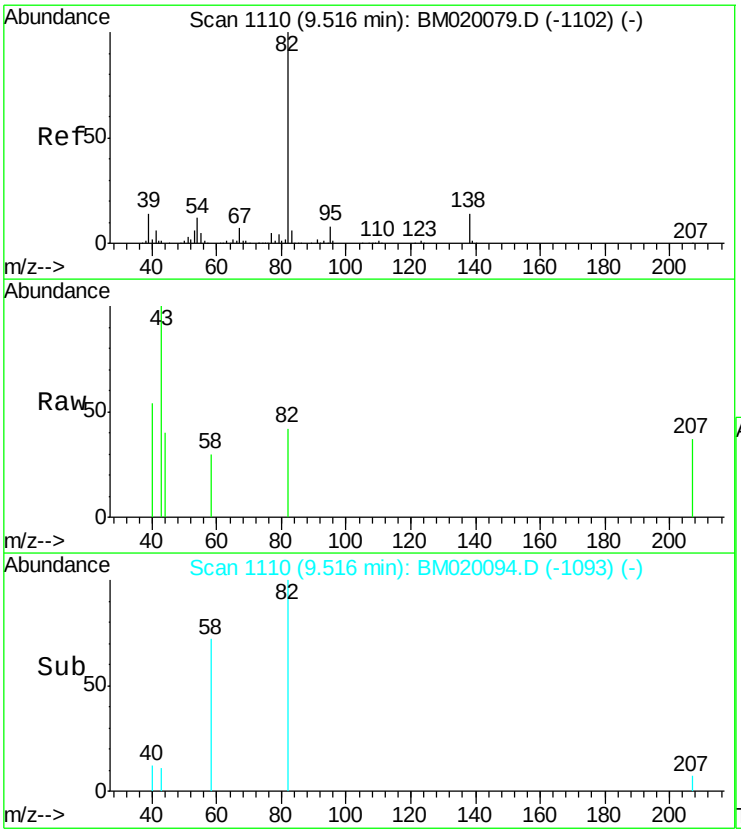
#24
Nitrobenzene
Concen: 0.438 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.05 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 3982

Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.5	38.3#
65	39.7	11.8	17.6#

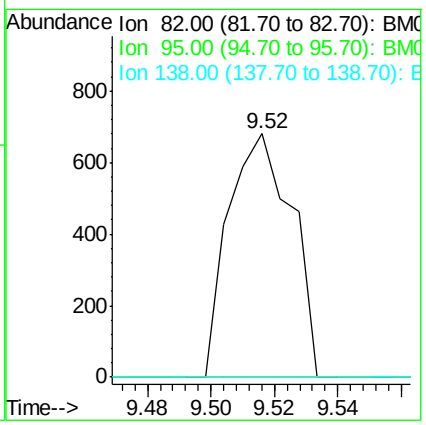


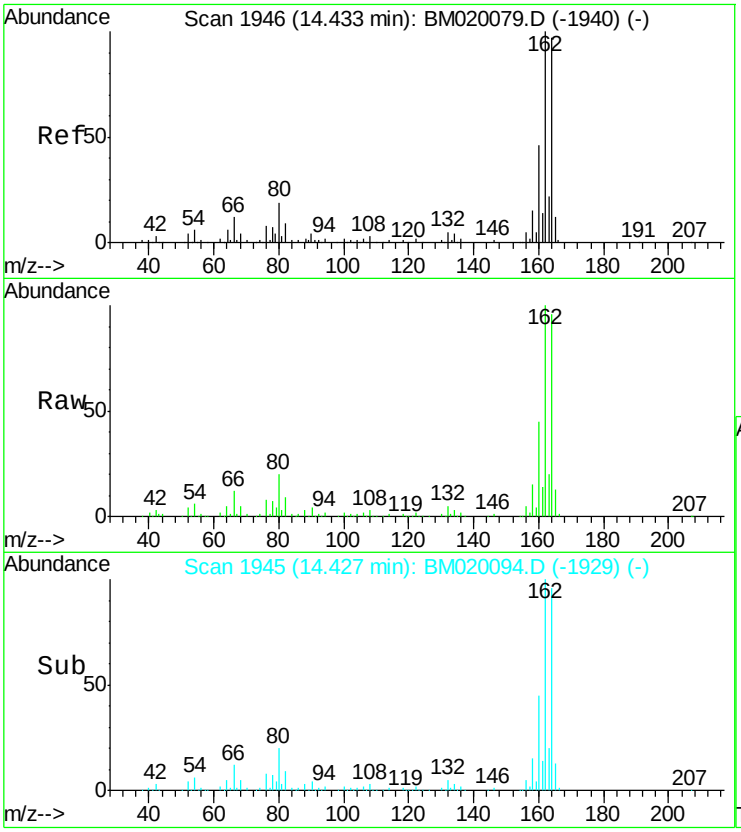


#25
Isophorone
Concen: 0.062 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion: 82 Resp: 939

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	11.1	16.7#



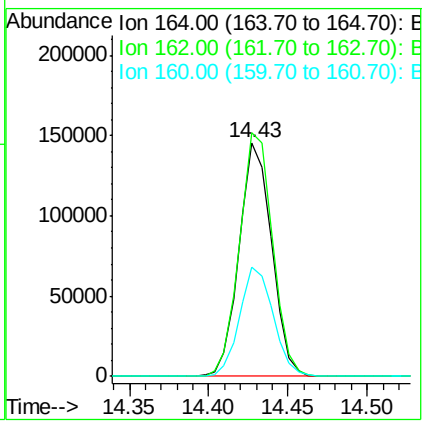


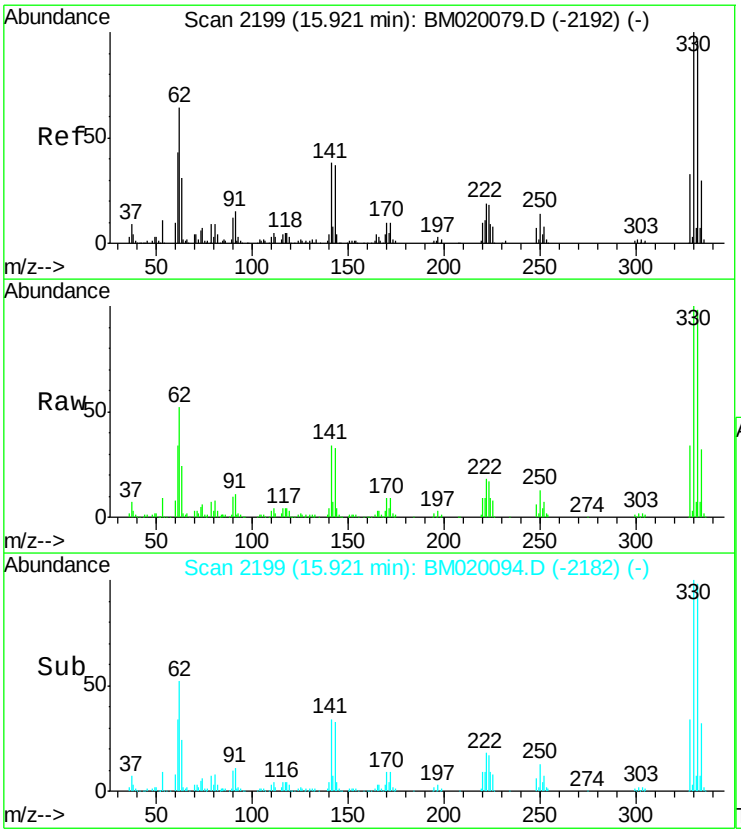
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 207303

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.2
160	46.5	37.6	56.4

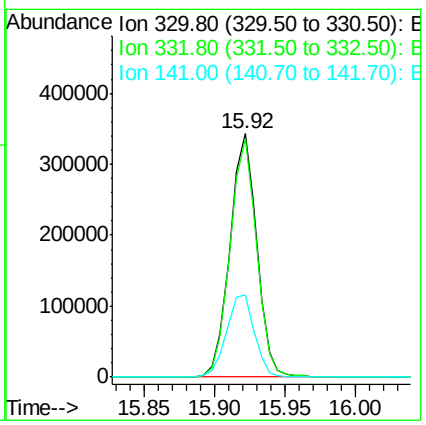


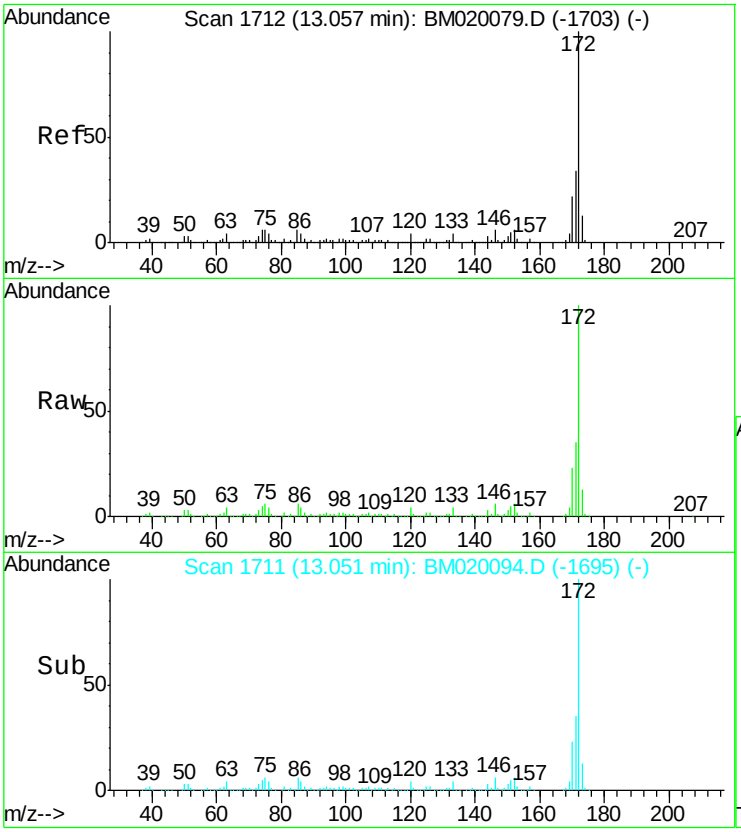


#42
2,4,6-Tribromophenol
Concen: 141.257 ng
RT: 15.92 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:330 Resp: 454528

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	35.2	29.2	43.8



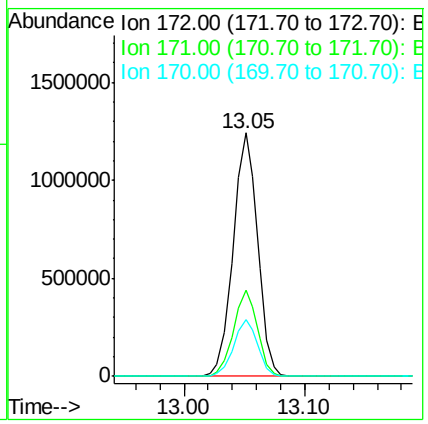


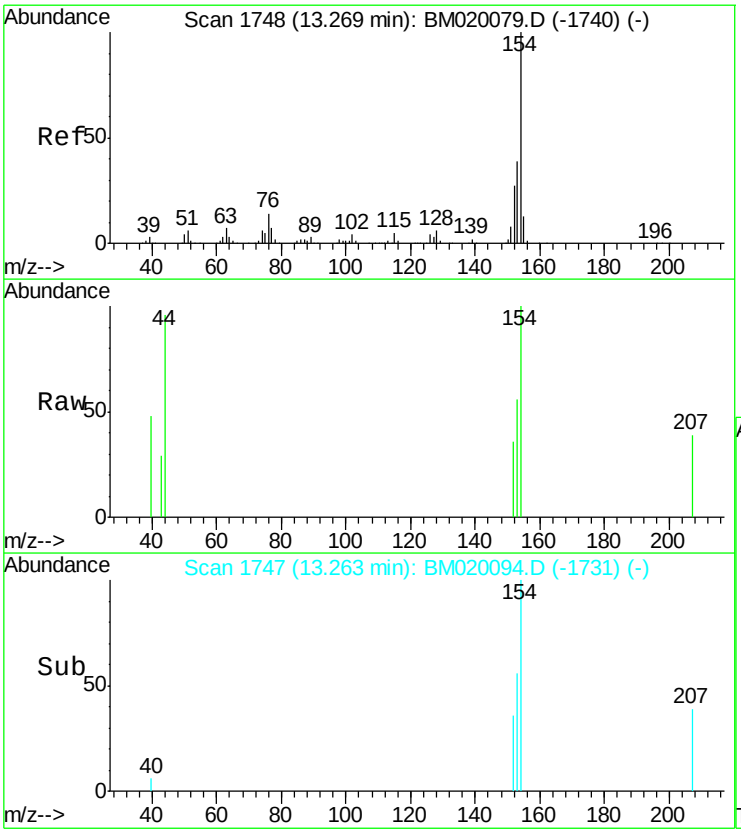
#45
2-Fluorobiphenyl
Concen: 103.735 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 1747819

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	23.4	17.9	26.9

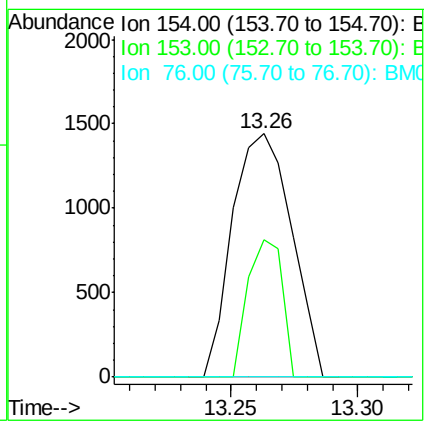


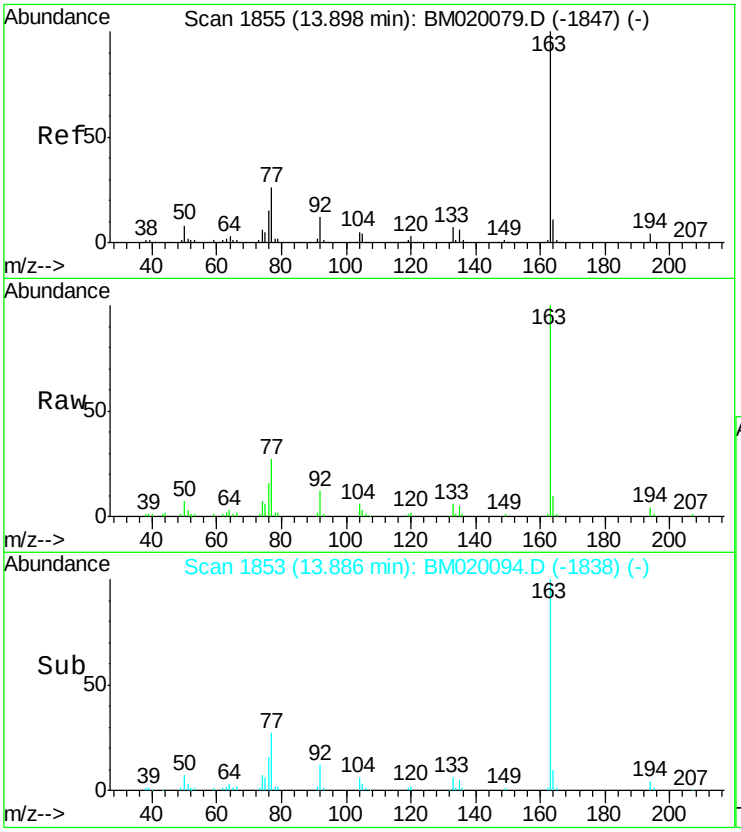


#46
1,1'-Biphenyl
Concen: 0.138 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:154 Resp: 2354

Ion	Ratio	Lower	Upper
154	100		
153	56.4	19.4	59.4
76	0.0	0.0	34.5



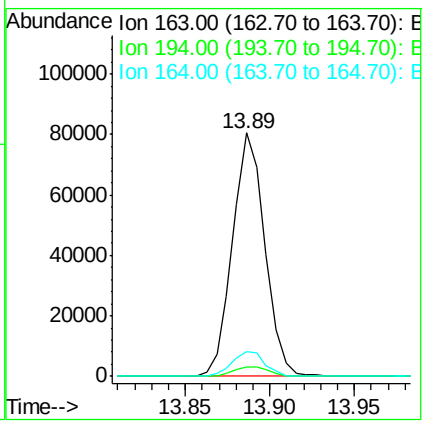


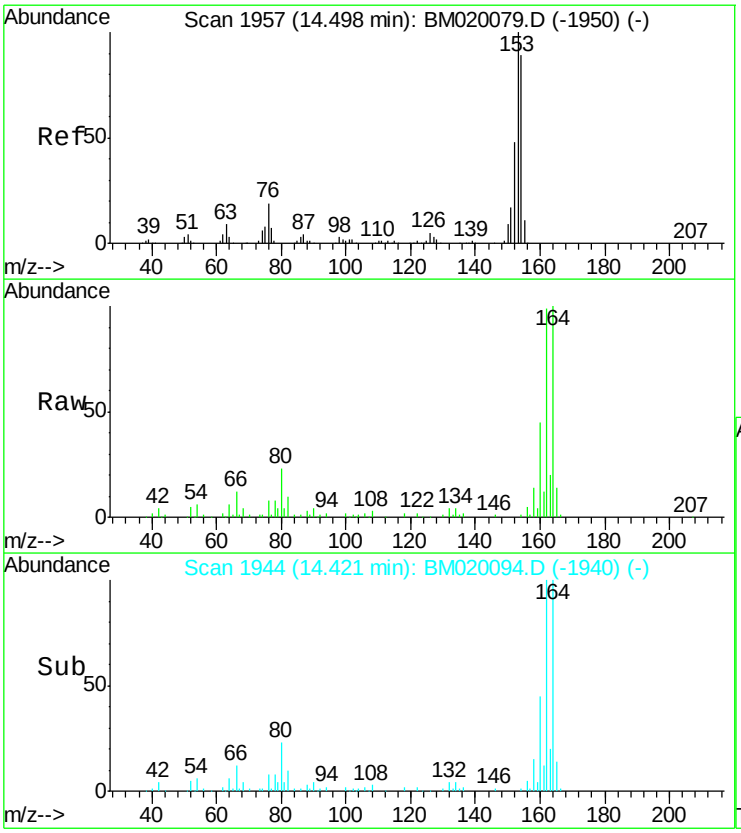
#50
Dimethylphthalate
Concen: 6.093 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 107355

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	9.9	8.4	12.6

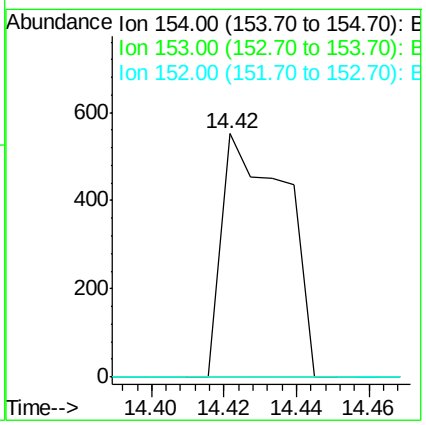


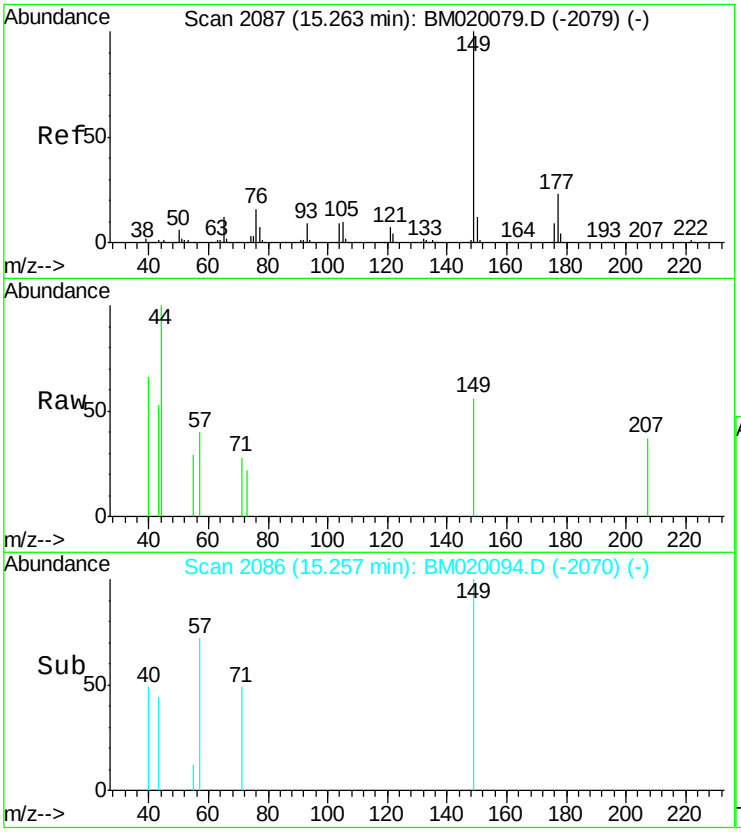


#52
Acenaphthene
Concen: 0.053 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.08 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:154 Resp: 668

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.2	135.2#
152	0.0	43.0	64.4#



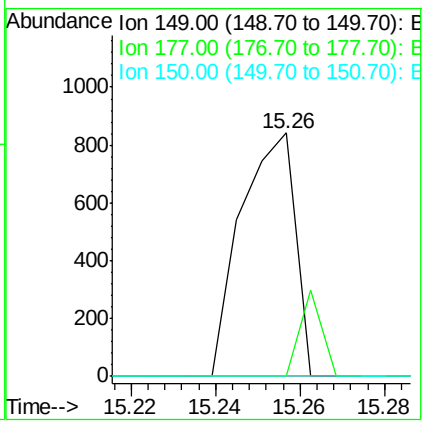


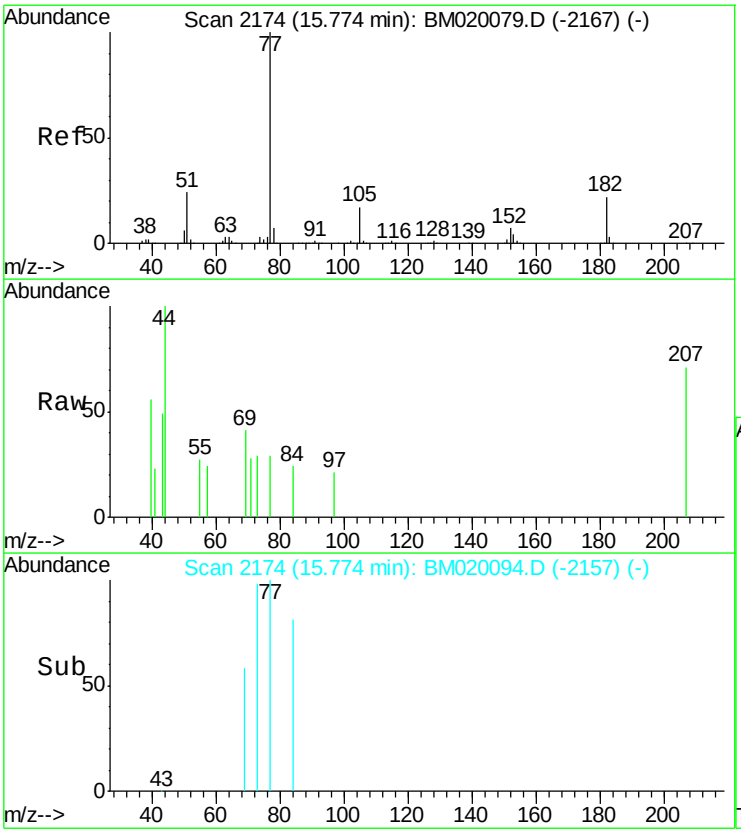
#60
Diethylphthalate
Concen: 0.042 ng
RT: 15.26 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 751

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.2	27.4#
150	0.0	9.9	14.9#

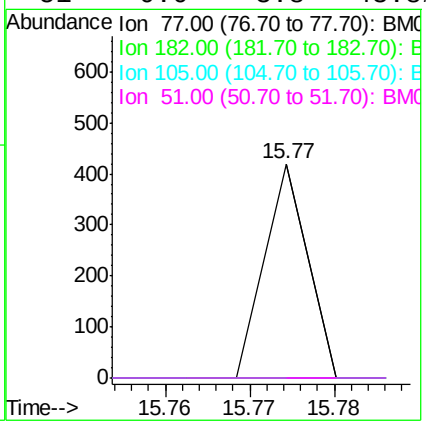


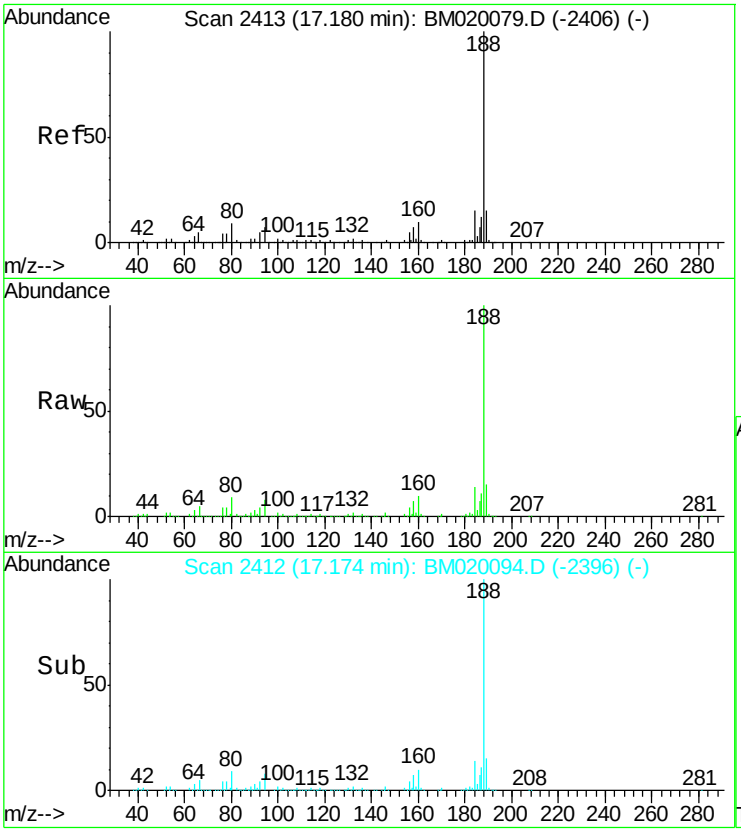


#63
Azobenzene
Concen: 0.007 ng
RT: 15.77 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion: 77 Resp: 148

Ion	Ratio	Lower	Upper
77	100		
182	0.0	2.1	42.1#
105	0.0	0.0	36.8
51	0.0	3.8	43.8#



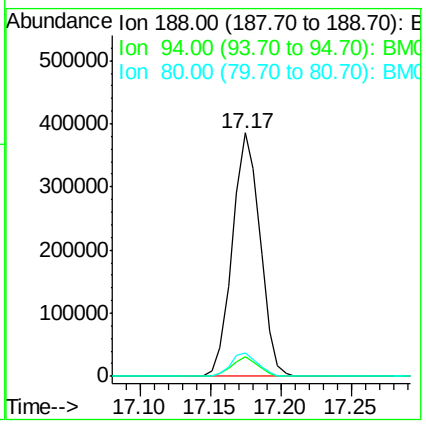


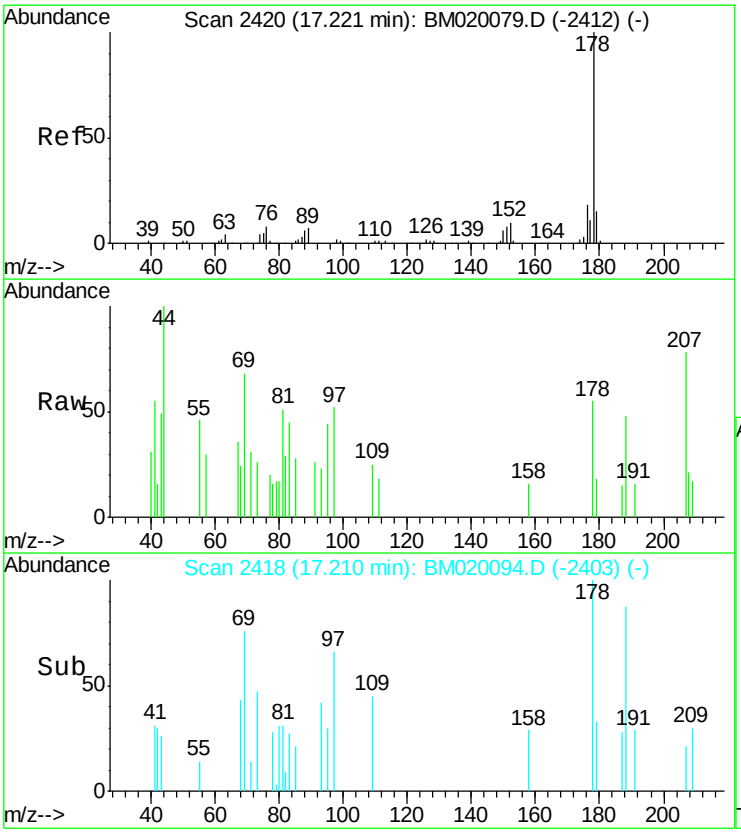
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 526784

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	9.5	7.4	11.2

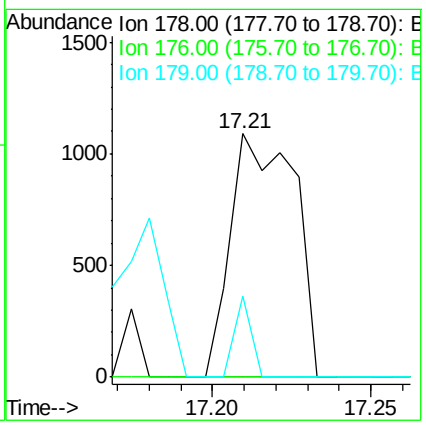


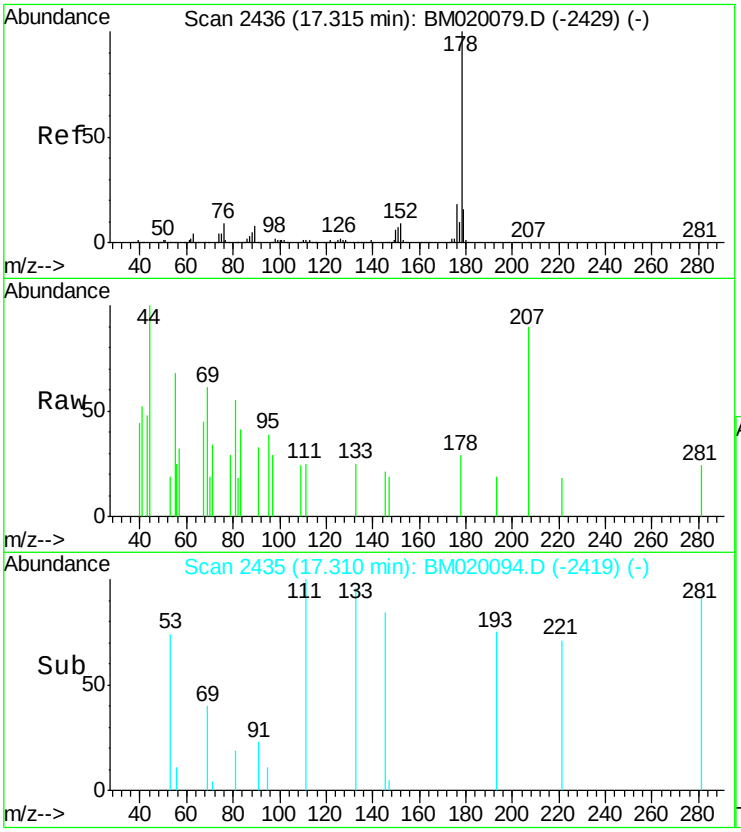


#71
Phenanthrene
Concen: 0.052 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:178 Resp: 1521

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	21.8#
179	33.1	12.4	18.6#



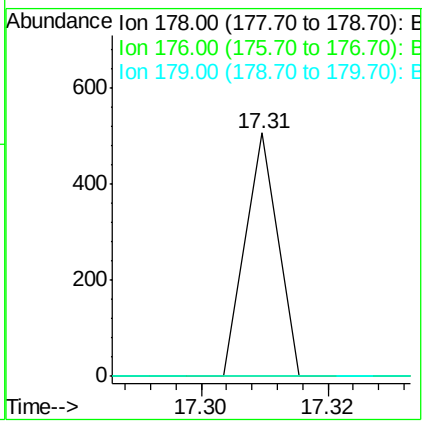


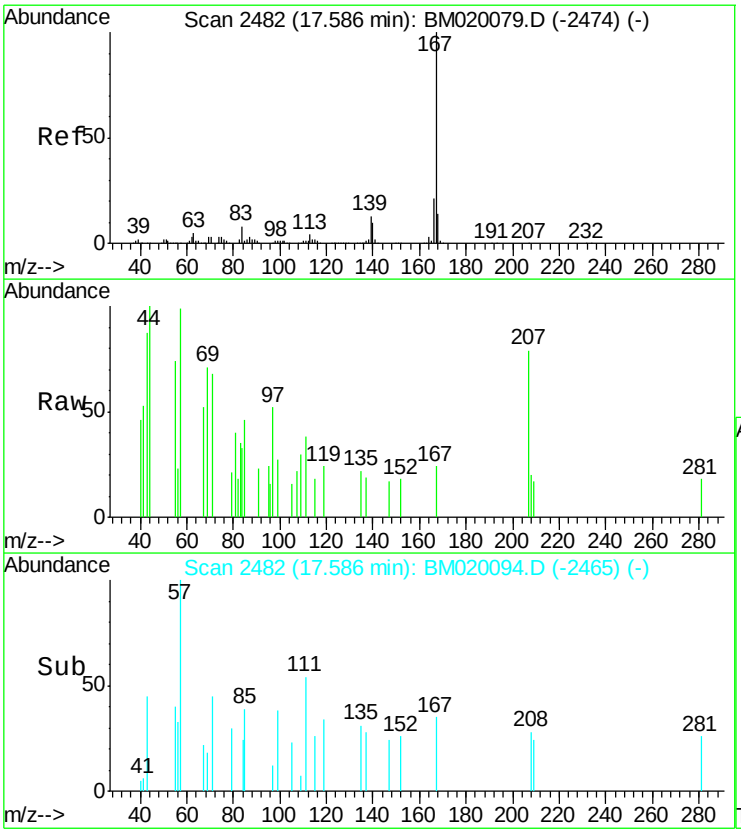
#72
Anthracene
Concen: 0.006 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 179

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	0.0	12.4	18.6#

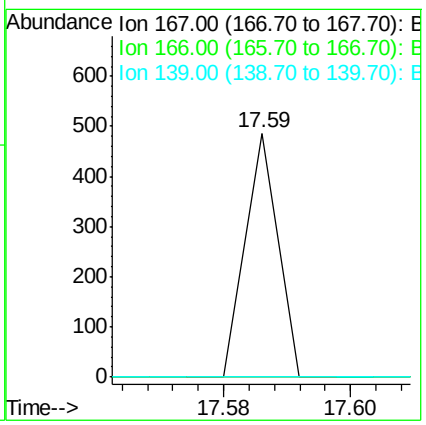


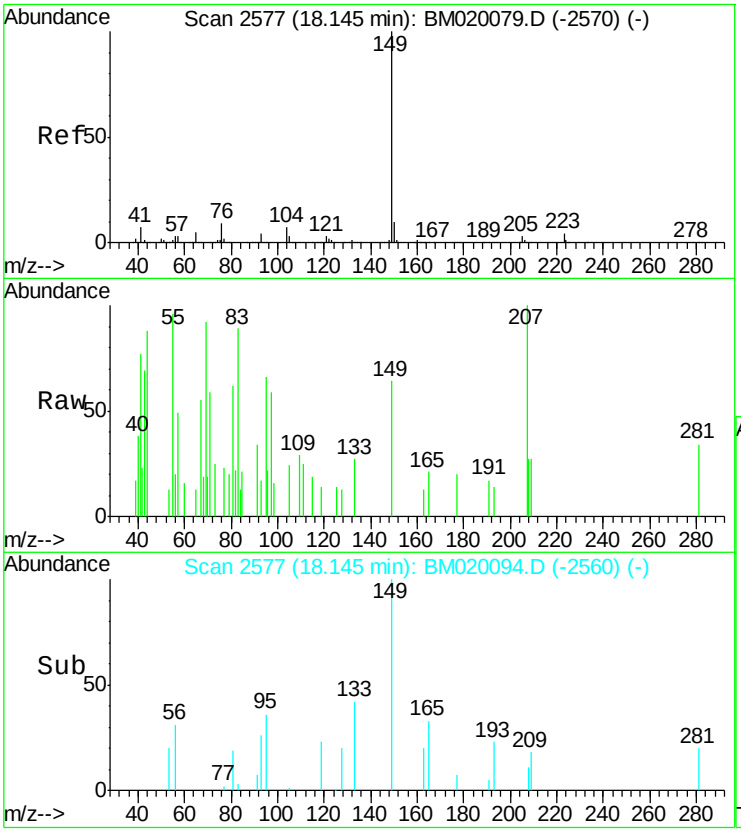


#73
Carbazole
Concen: 0.007 ng
RT: 17.59 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:167 Resp: 171

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.0	25.6#
139	0.0	10.6	16.0#



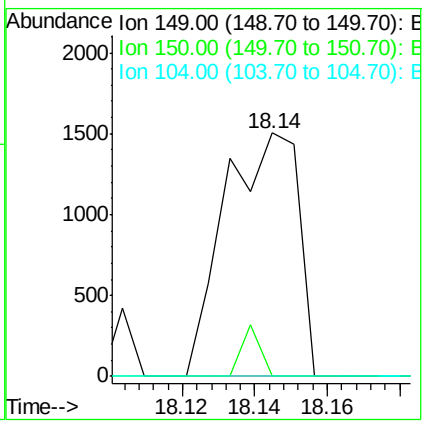


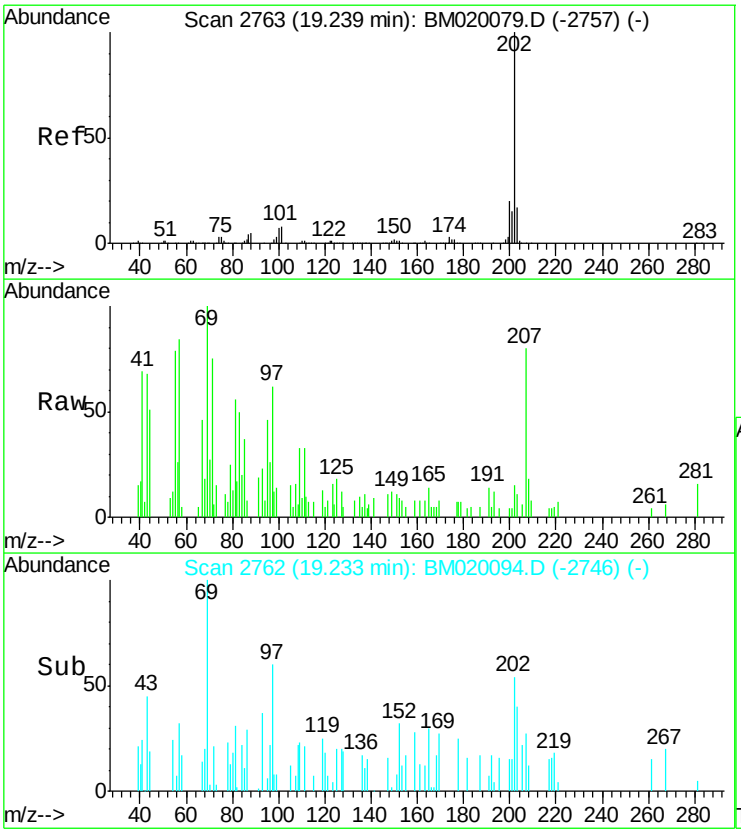
#74
Di-n-butylphthalate
Concen: 0.067 ng
RT: 18.14 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 2117

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	5.7	8.5#

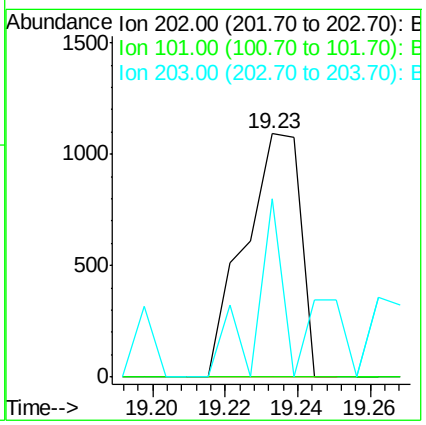


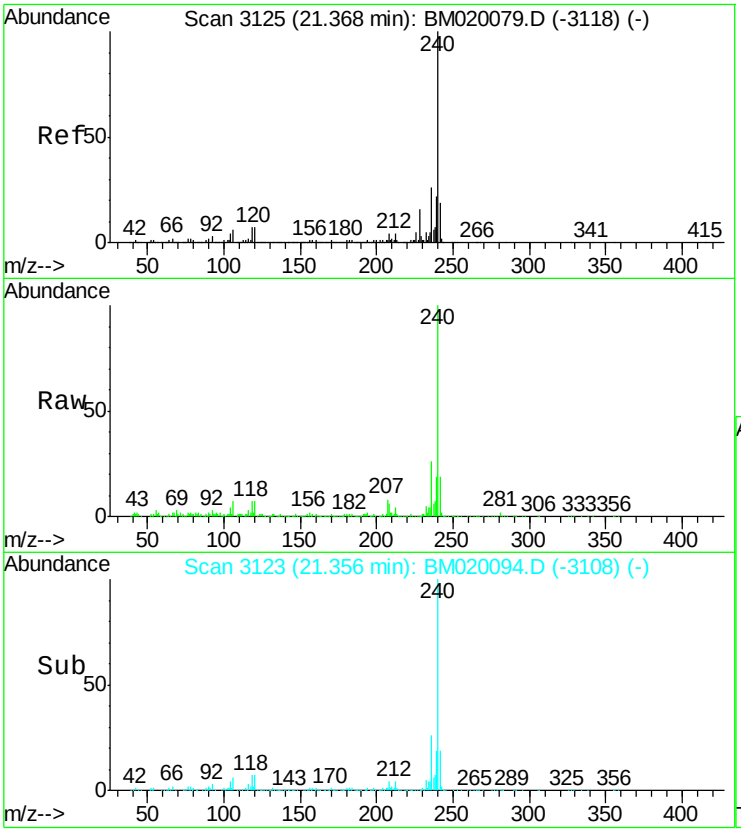


#75
Fluoranthene
Concen: 0.032 ng
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:202 Resp: 1161

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.4
203	73.5	0.0	37.4#



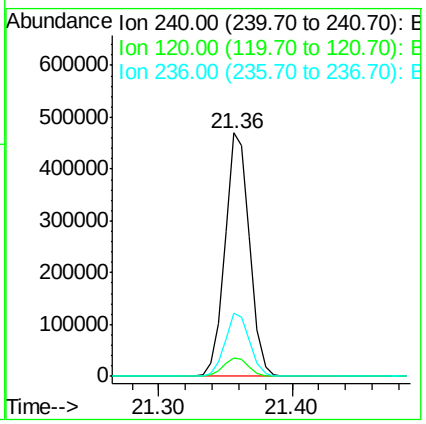


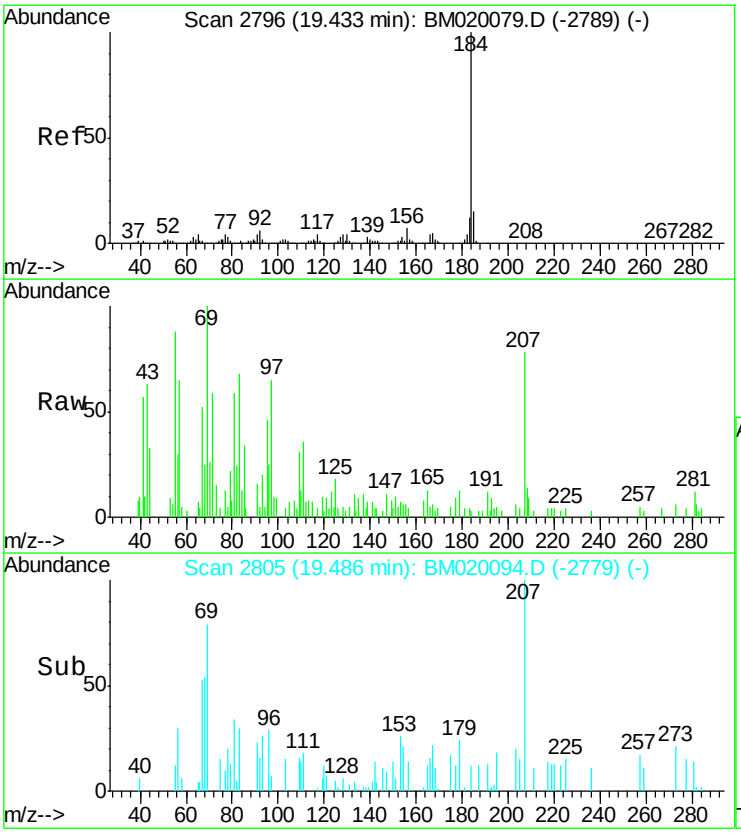
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 605613

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.6	8.4
236	26.1	20.9	31.3

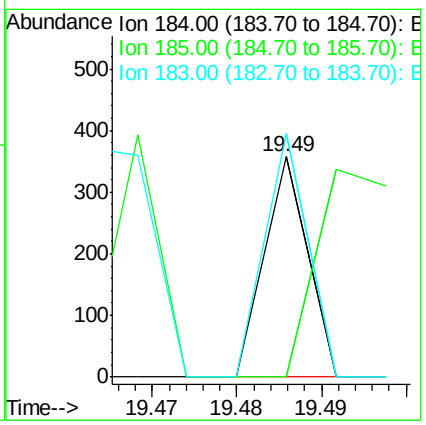


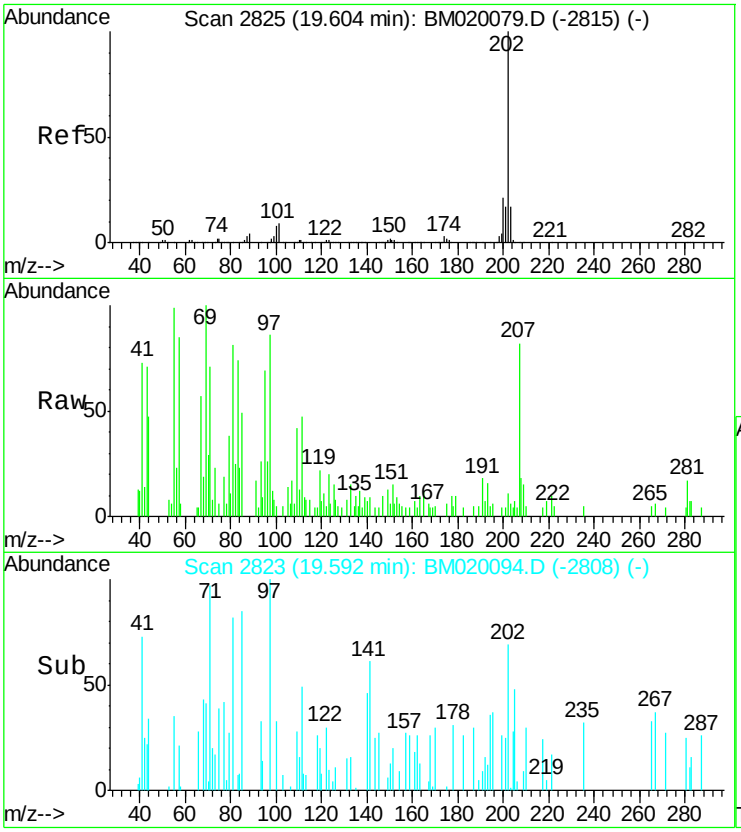


#77
Benzidine
Concen: 0.007 ng
RT: 19.49 min Scan# 2805
Delta R.T. 0.05 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:184 Resp: 126

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.0	18.0#
183	110.6	9.5	14.3#



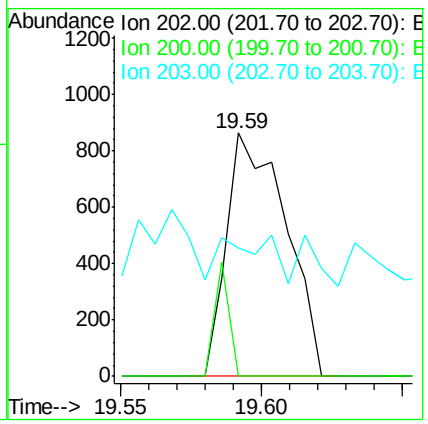


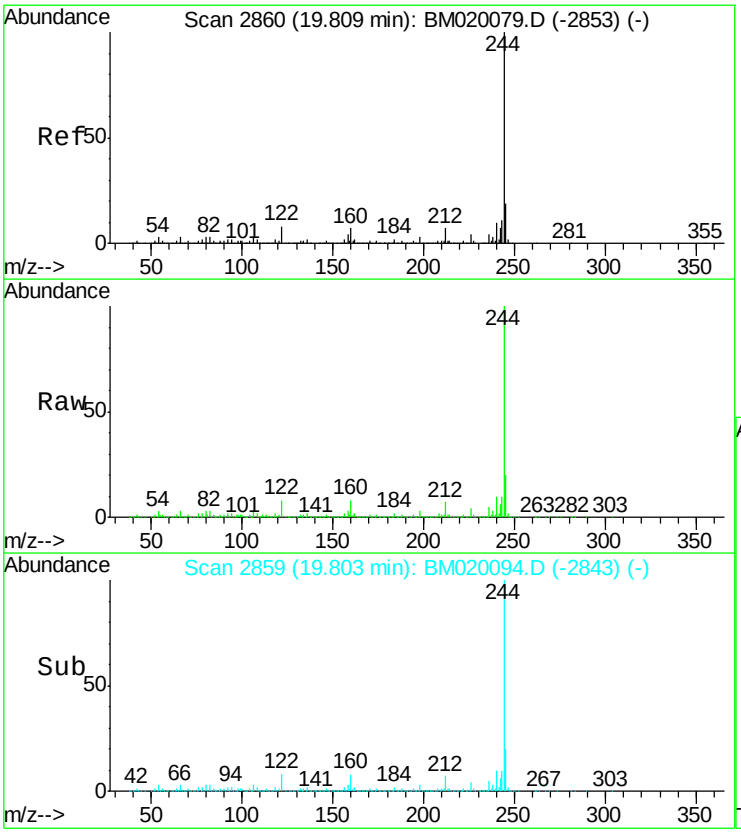
#78
Pyrene
Concen: 0.031 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1256

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.5	24.7#
203	53.0	13.9	20.9#

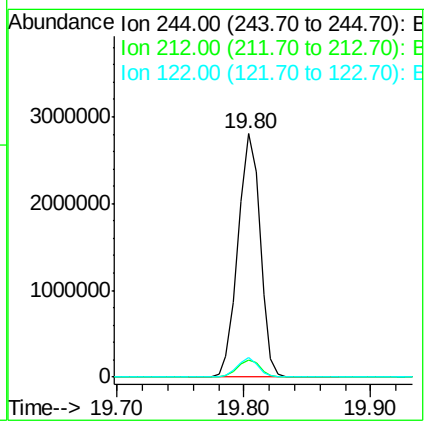


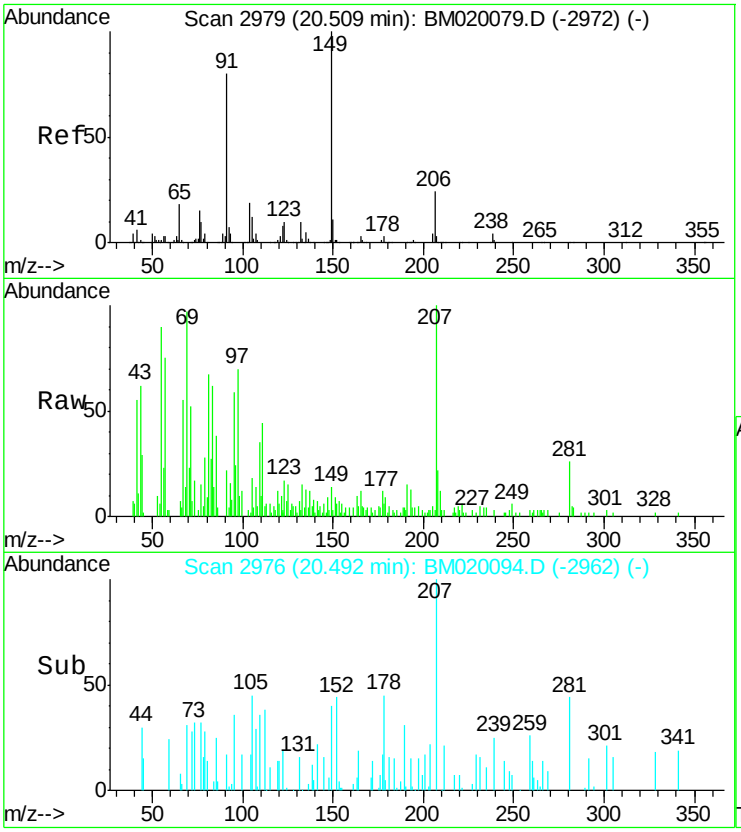


#79
Terphenyl-d14
Concen: 97.101 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:244 Resp: 3371462

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.9	6.2	9.2



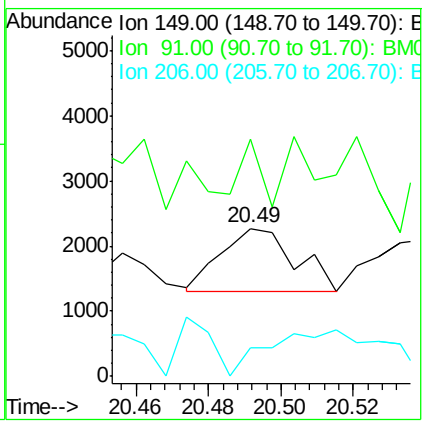


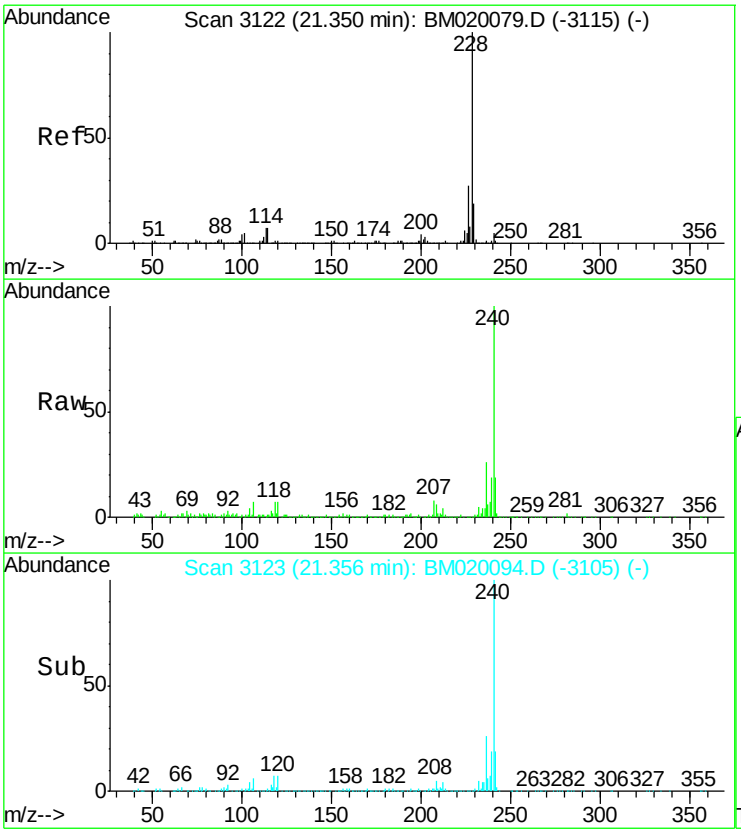
#80
Butylbenzylphthalate
Concen: 0.092 ng
RT: 20.49 min Scan# 2976
Delta R.T. -0.02 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1365

Ion	Ratio	Lower	Upper
149	100		
91	160.3	63.8	95.8#
206	19.7	18.9	28.3

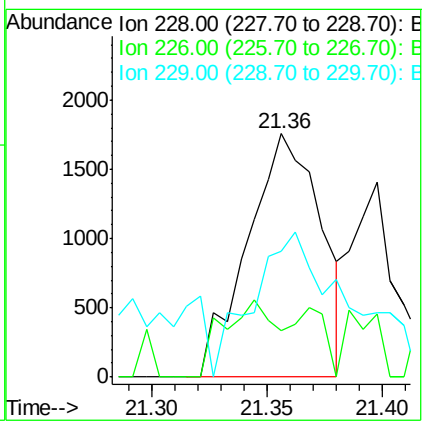


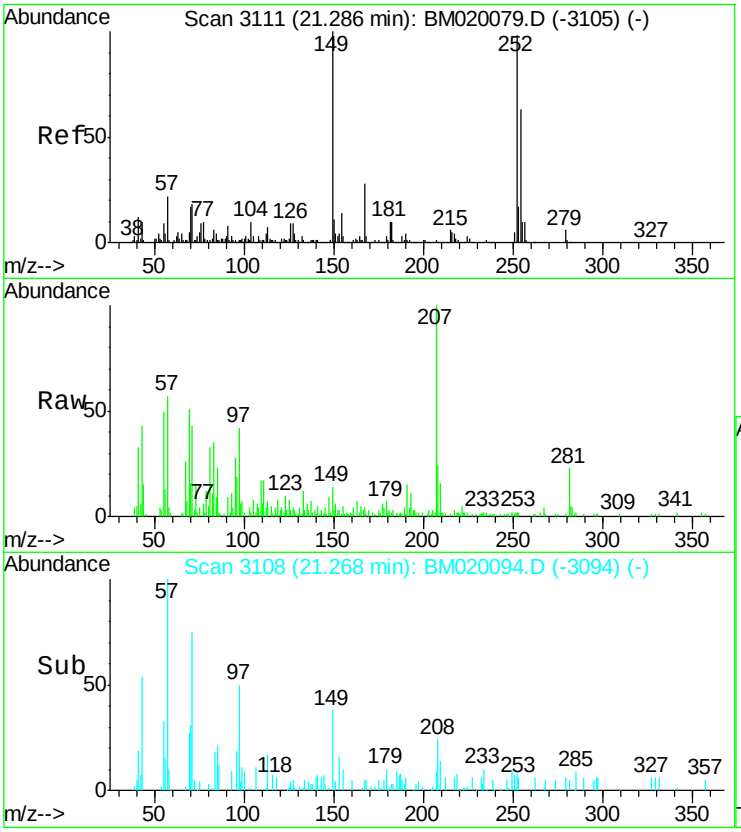


#81
Benzo(a)anthracene
Concen: 0.091 ng
RT: 21.36 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:228 Resp: 3877

Ion	Ratio	Lower	Upper
228	100		
226	18.9	21.3	31.9#
229	51.6	15.5	23.3#



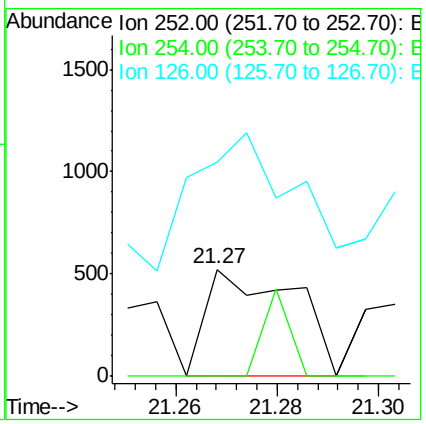


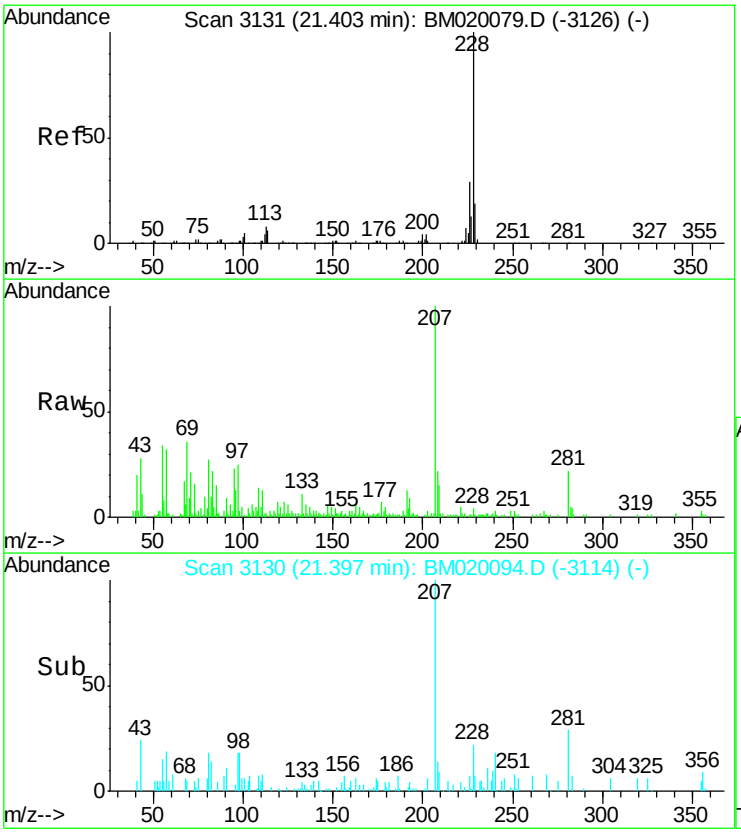
#82
3,3'-Dichlorobenzidine
Concen: 0.039 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 627

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.1	76.7#
126	200.6	7.1	10.7#

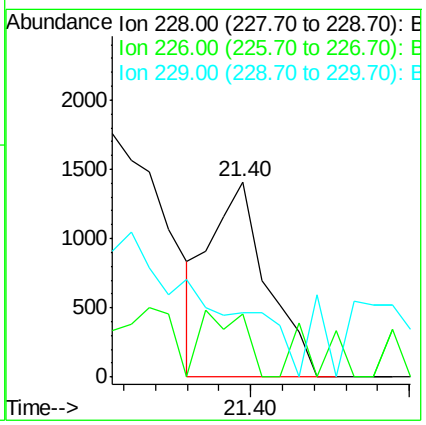


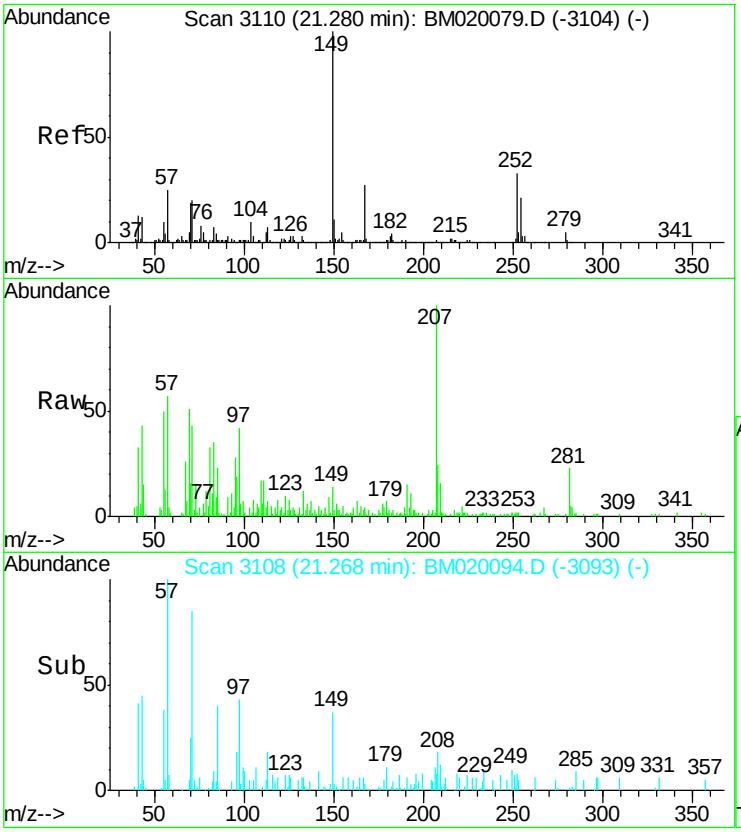


#83
Chrysene
Concen: 0.043 ng
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:228 Resp: 1772

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.0	34.6
229	32.7	15.5	23.3#



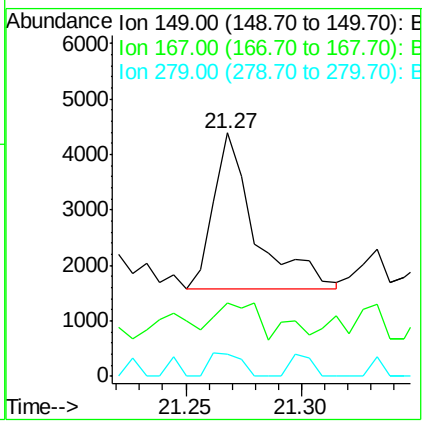


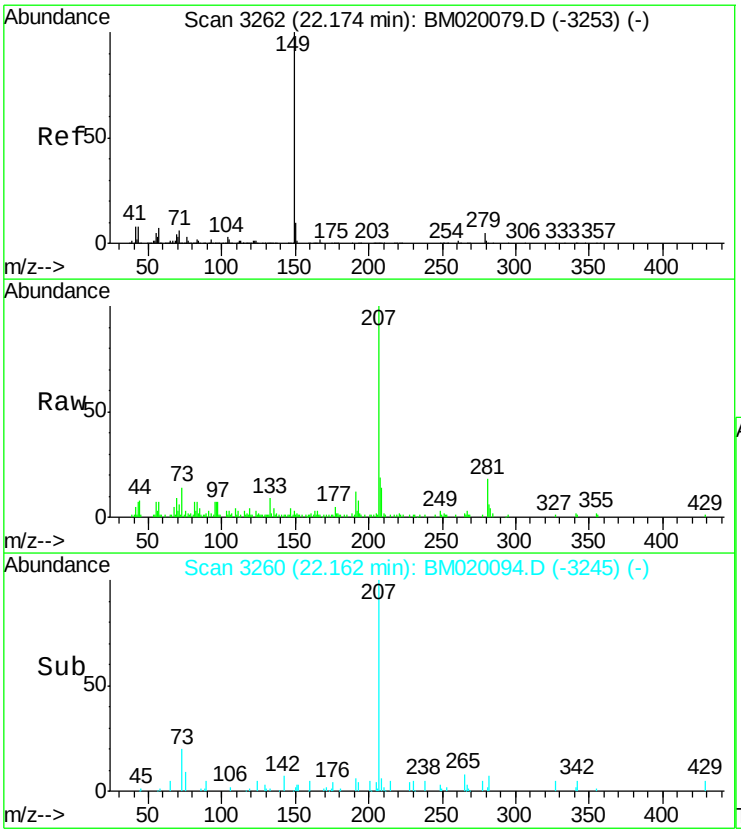
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 3486

Ion	Ratio	Lower	Upper
149	100		
167	30.1	21.8	32.8
279	9.1	4.2	6.2#

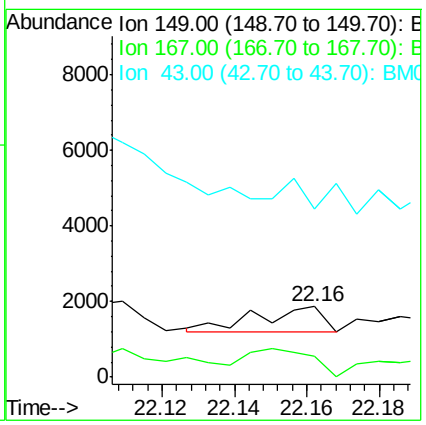


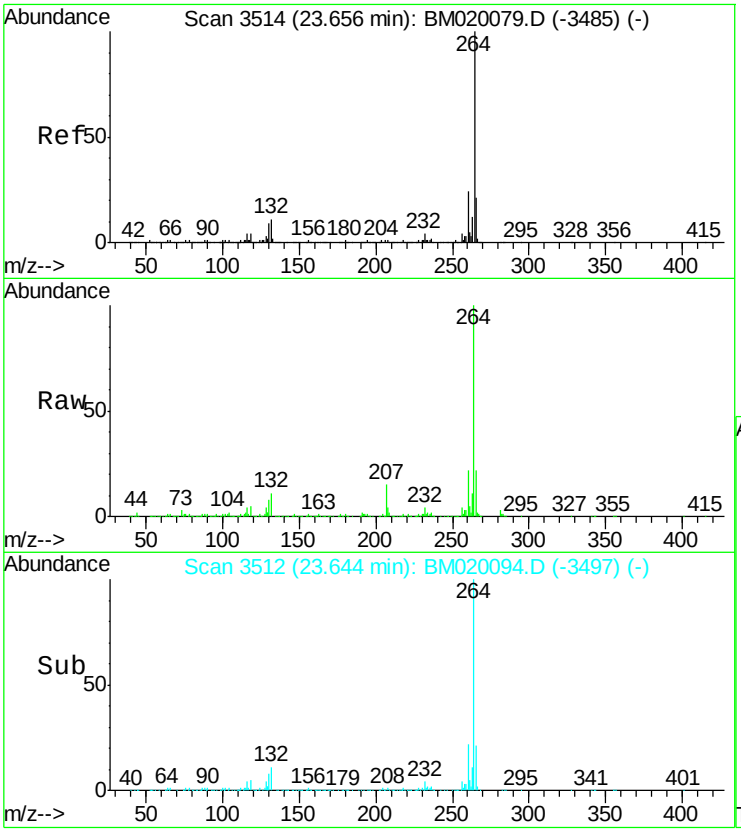


#85
Di-n-octyl phthalate
Concen: 0.021 ng
RT: 22.16 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:149 Resp: 812

Ion	Ratio	Lower	Upper
149	100		
167	113.8	1.3	1.9#
43	0.0	6.5	9.7#



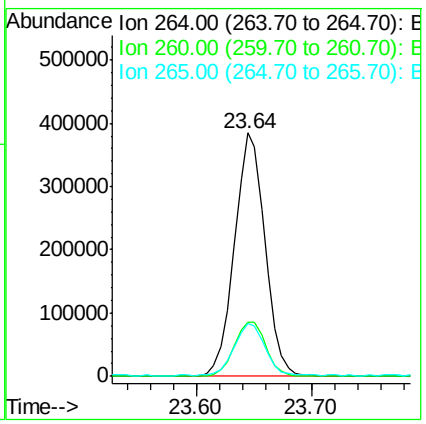


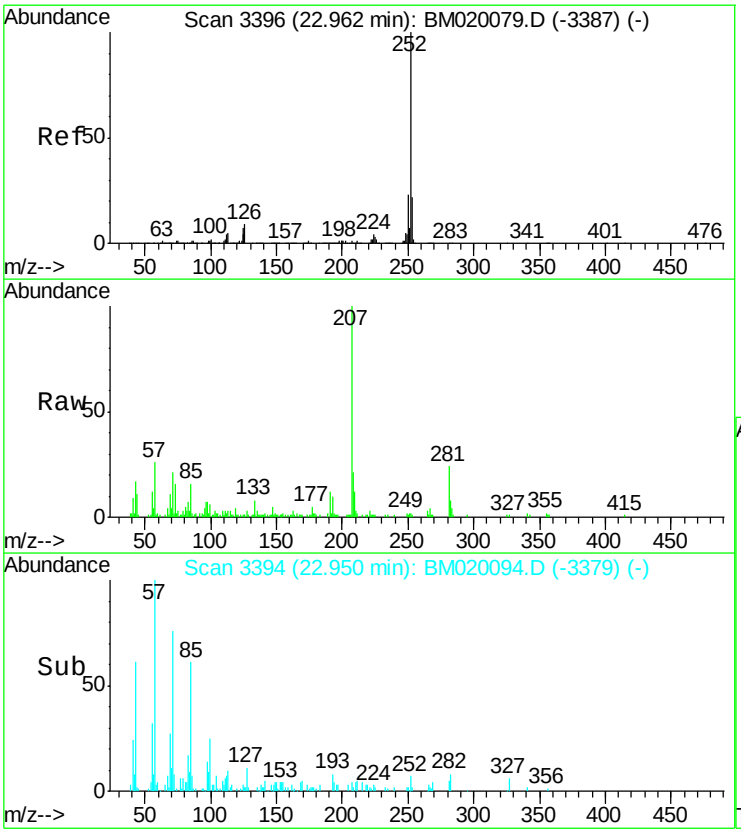
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 705777

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.5	16.9	25.3

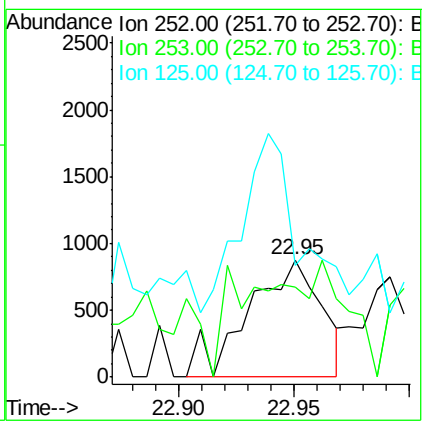


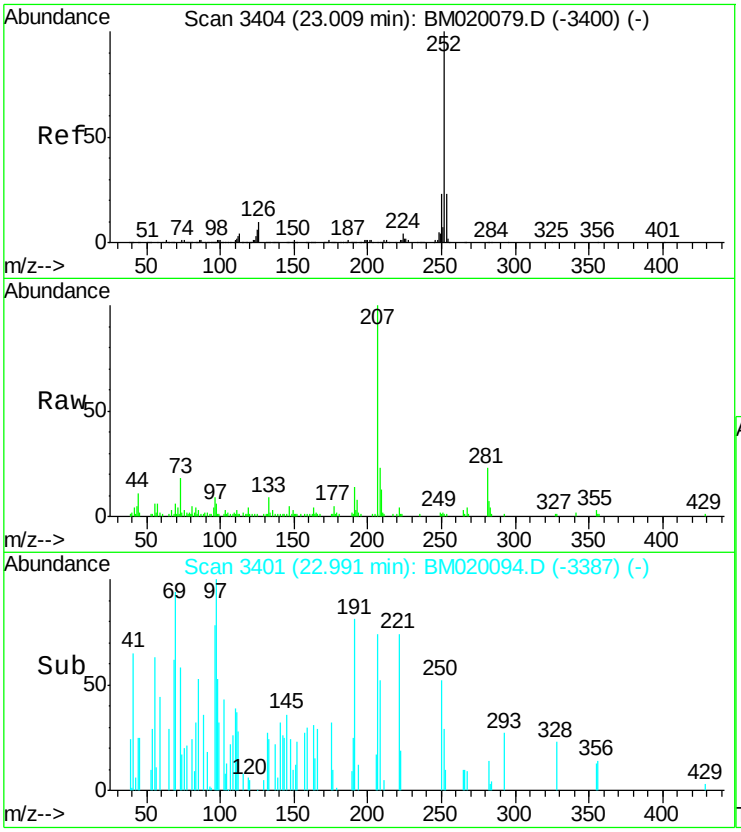


#88
Benzo(b)fluoranthene
Concen: 0.041 ng
RT: 22.95 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:252 Resp: 1921

Ion	Ratio	Lower	Upper
252	100		
253	76.2	17.5	26.3#
125	95.8	5.4	8.2#



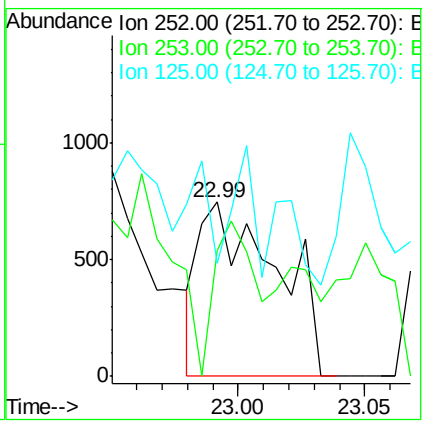


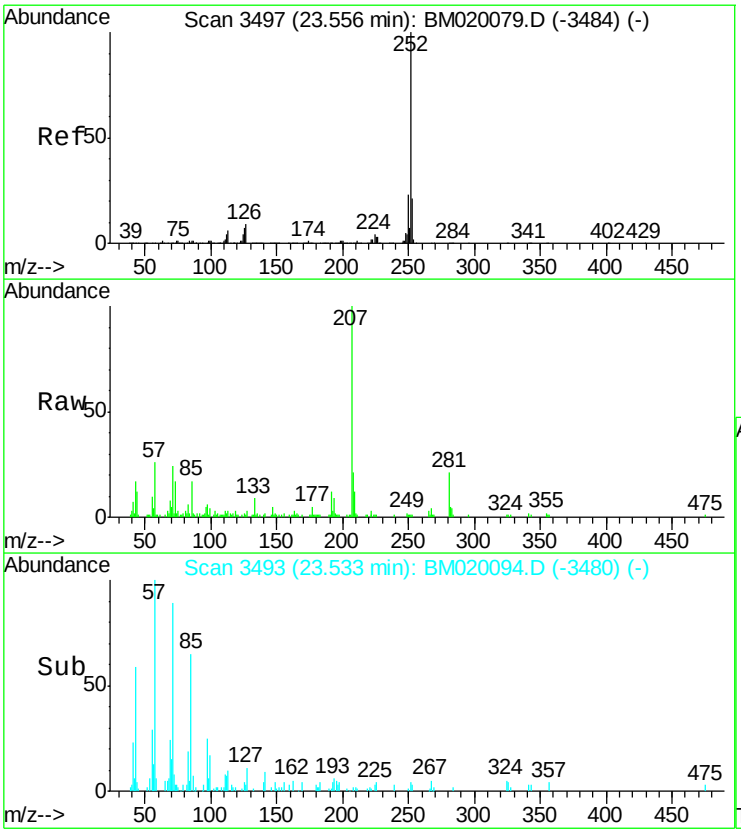
#89
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 22.99 min Scan# 3401
Delta R.T. -0.02 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1563

Ion	Ratio	Lower	Upper
252	100		
253	72.1	17.8	26.8#
125	65.1	5.4	8.0#





#90
Benzo(a)pyrene
Concen: 0.024 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:252 Resp: 1011

Ion	Ratio	Lower	Upper
252	100		
253	63.6	17.0	25.6#
125	167.5	5.5	8.3#