Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020092.D
Acq On : 01 May 2019 16:14
Operator : JU/SJ
Sample : K2624-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 02 01:30:01 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	86230	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	306215	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	178401	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	433498	20.00	ng	0.00
76) Chrysene-d12	21.36	240	473825	20.00	ng	-0.01
87) Perylene-d12	23.64	264	562445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	827343	156.83	ng	0.00
7) Phenol-d6	6.95	99	1156214	160.43	ng	0.00
23) Nitrobenzene-d5	8.95	82	839773	108.27	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	462259	166.93	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1652096	113.94	ng	0.00
79) Terphenyl-d14	19.80	244	2920774	107.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	667	0.258	ng	# 35
4) n-Nitrosodimethylamine	3.62	42	233	0.110	ng	# 1
9) Benzaldehyde	6.95	77	3568	0.654	ng	# 12
10) Phenol	6.98	94	4451	0.574	ng	# 68
24) Nitrobenzene	8.96	77	3787	0.471	ng	# 49
46) 1,1'-Biphenyl	13.26	154	2297	0.156	ng	83
50) Dimethylphthalate	13.89	163	112575	7.424	ng	99
52) Acenaphthene	14.44	154	667	0.062	ng	# 4
60) Diethylphthalate	15.25	149	327	0.021	ng	# 58
71) Phenanthrene	17.22	178	848	0.035	ng	# 61
74) Di-n-butylphthalate	18.14	149	2119	0.082	ng	# 76
75) Fluoranthene	19.23	202	1114	0.037	ng	65
78) Pyrene	19.60	202	1011	0.032	ng	# 58
80) Butylbenzylphthalate	20.50	149	370	0.032	ng	# 19
81) Benzo(a)anthracene	21.36	228	2602	0.078	ng	# 65
83) Chrysene	21.39	228	1202	0.037	ng	# 50
84) Bis(2-ethylhexyl)phthalate	21.27	149	5708	0.318	ng	# 93
85) Di-n-octyl phthalate	22.17	149	285	0.010	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.97	276	112	0.003	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2173	0.059	ng	# 74
89) Benzo(k)fluoranthene	22.96	252	2173	0.064	ng	# 75
90) Benzo(a)pyrene	23.54	252	1424	0.042	ng	# 39

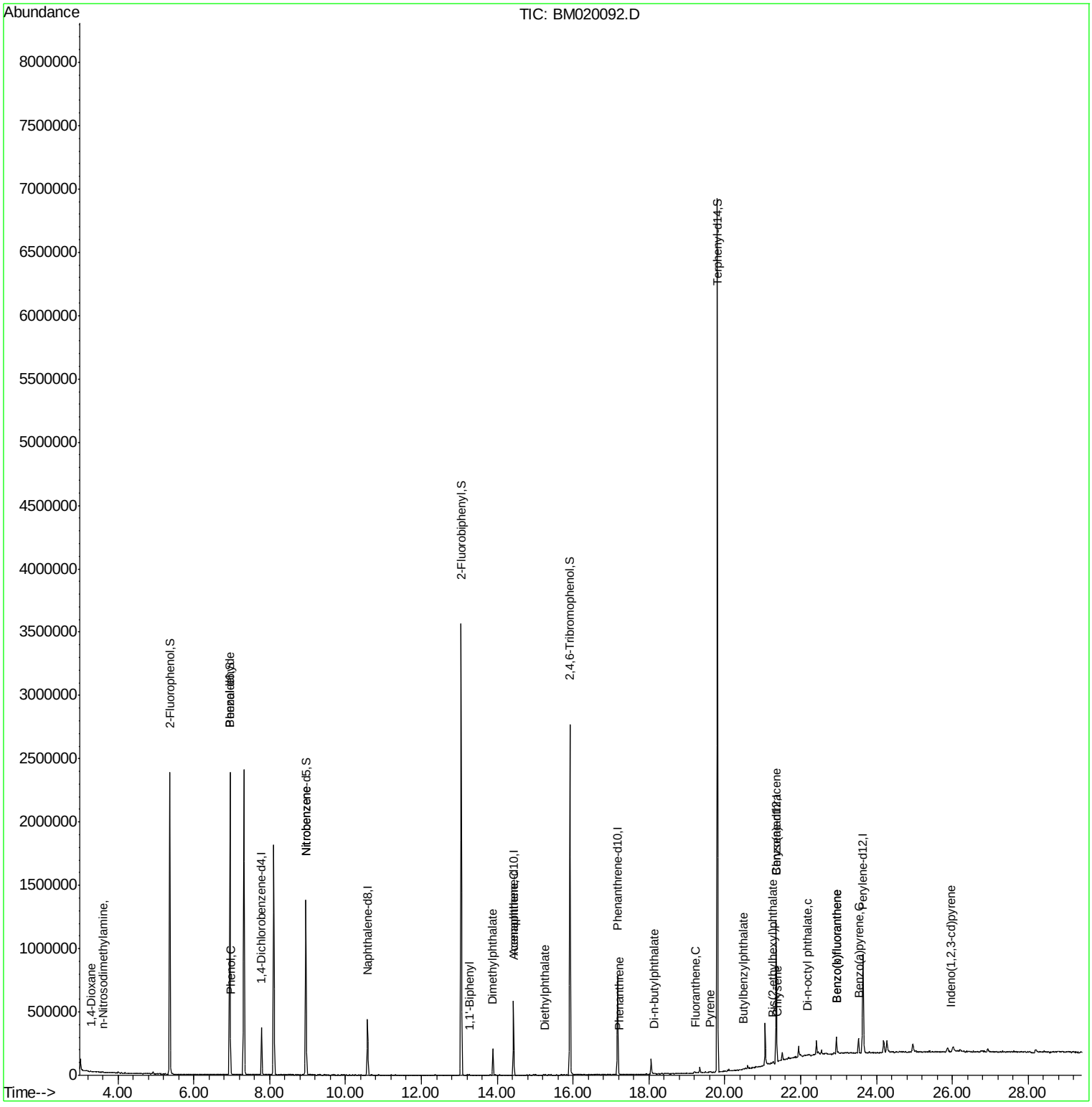
(#) = qualifier out of range (m) = manual integration (+) = signals summed

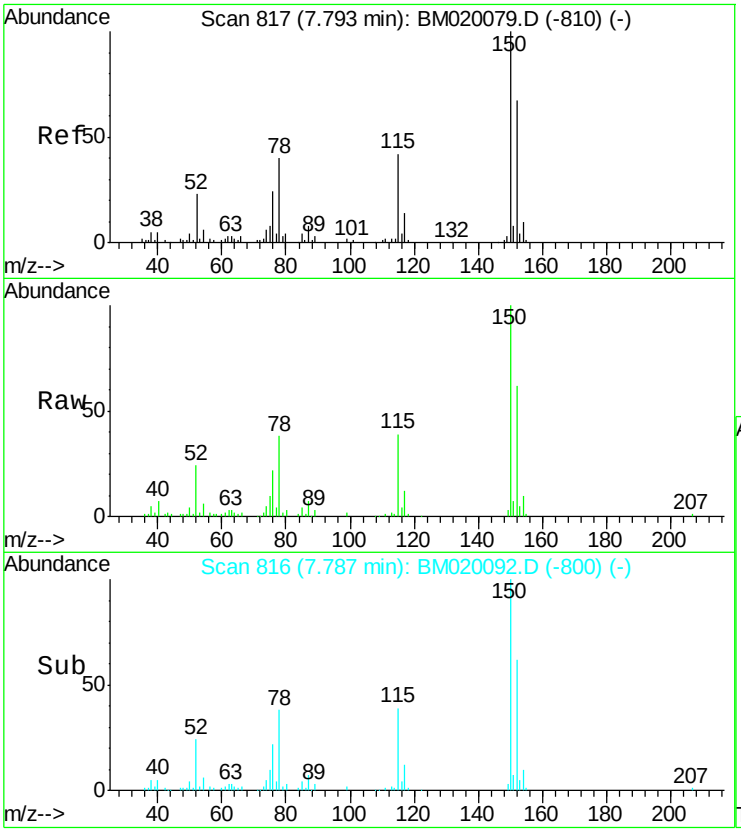
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020092.D
Acq On : 01 May 2019 16:14
Operator : JU/SJ
Sample : K2624-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 02 01:30:01 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



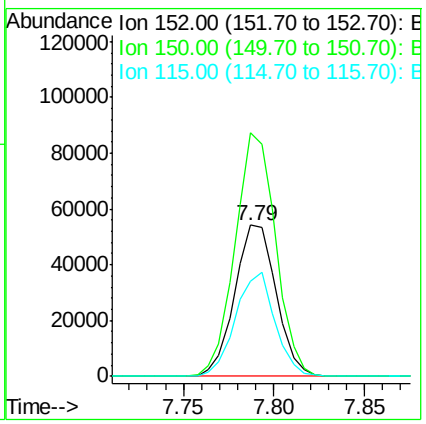


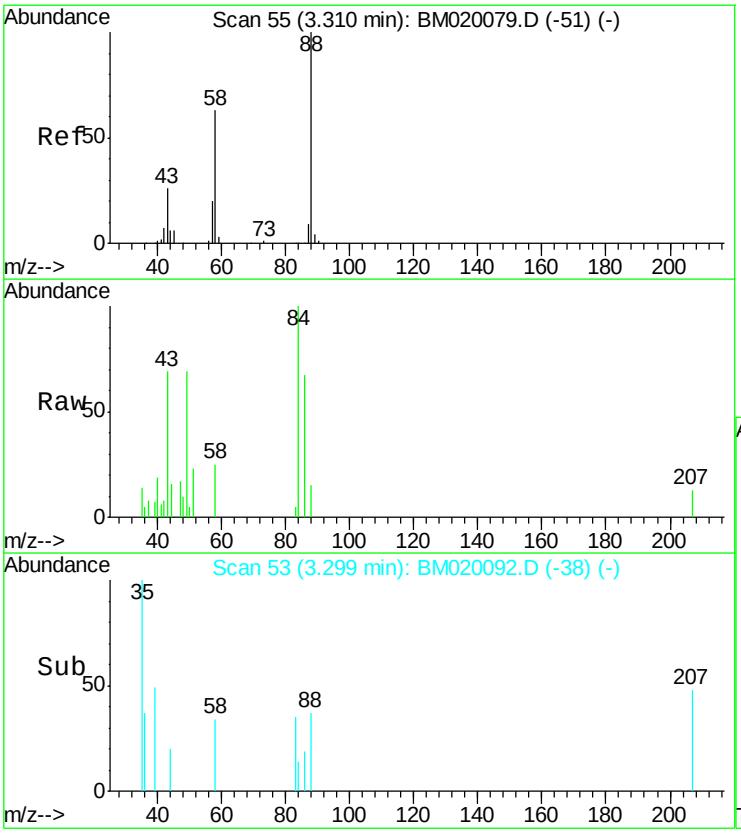
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 86230

Ion	Ratio	Lower	Upper
152	100		
150	161.1	119.8	179.8
115	62.8	50.8	76.2

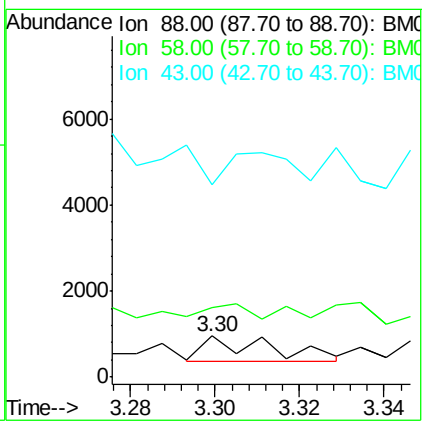


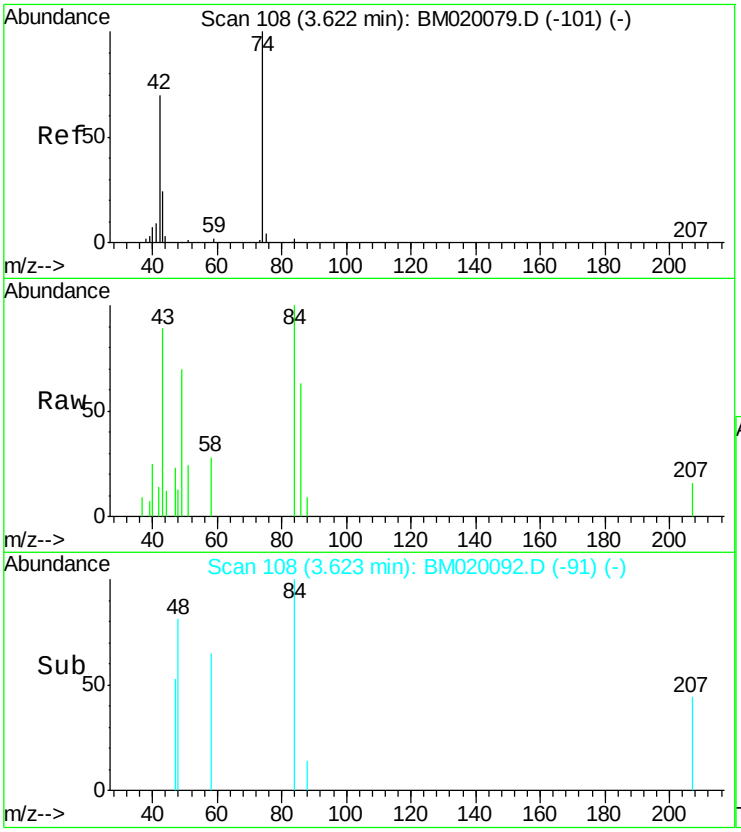


#2
1,4-Dioxane
Concen: 0.258 ng
RT: 3.30 min Scan# 53
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion: 88 Resp: 667

Ion	Ratio	Lower	Upper
88	100		
58	47.1	51.8	77.6#
43	113.5	20.3	30.5#



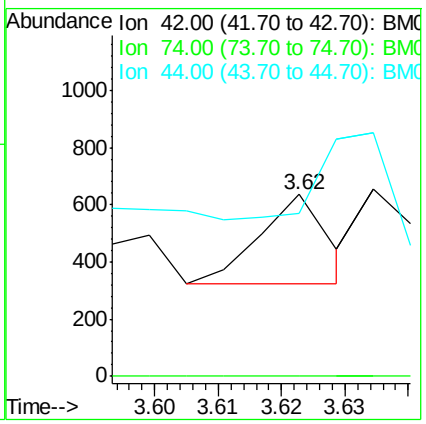


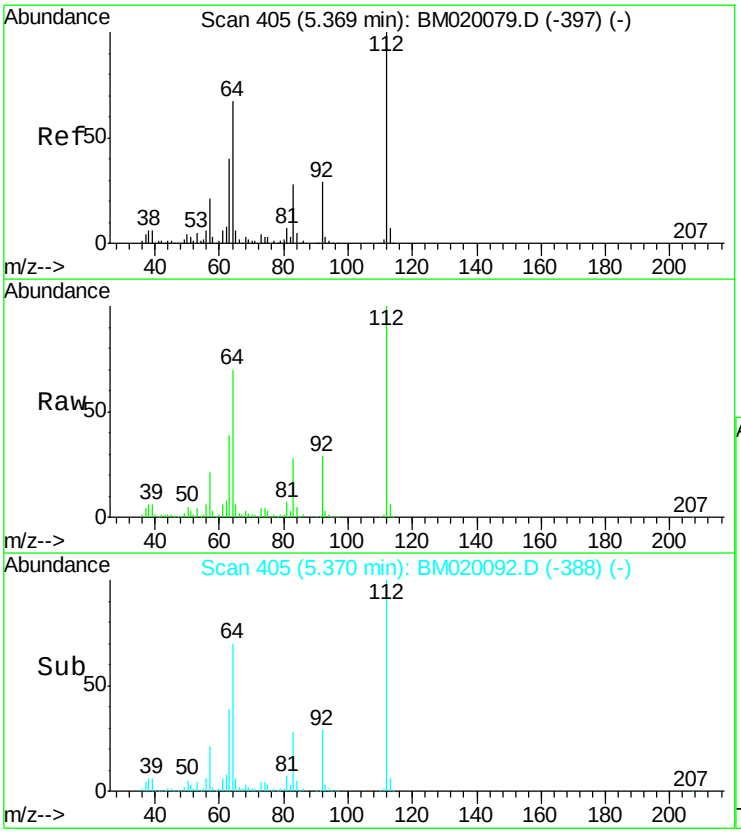
#4
n-Nitrosodimethylamine
Concen: 0.110 ng
RT: 3.62 min Scan# 108
Delta R.T. 0.00 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 233

Ion	Ratio	Lower	Upper
42	100		
74	0.0	113.7	170.5#
44	89.2	3.9	5.9#

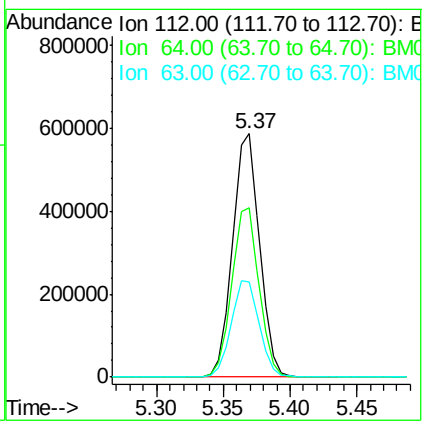


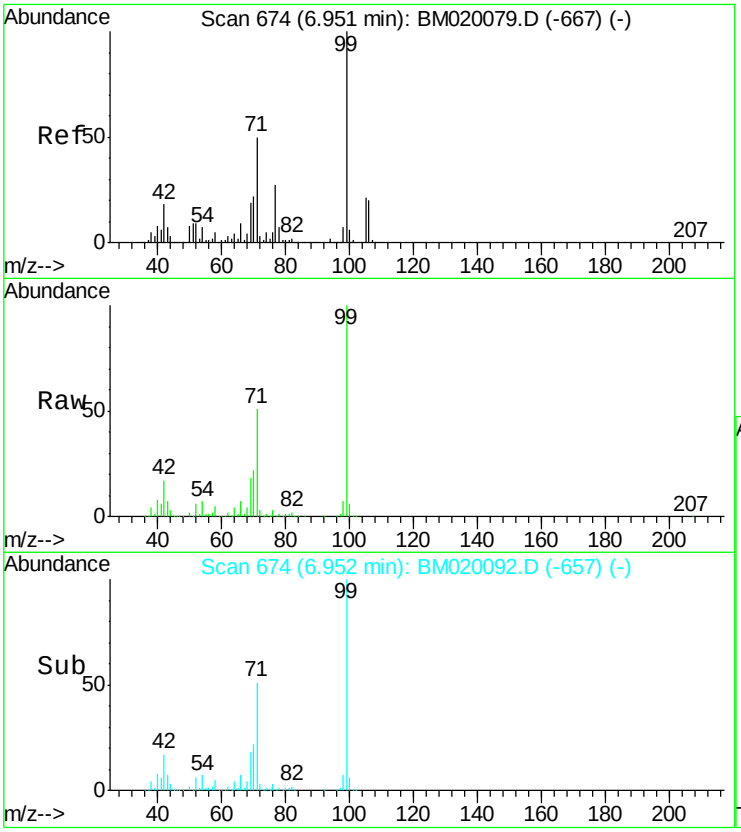


#5
2-Fluorophenol
Concen: 156.833 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:112 Resp: 827343

Ion	Ratio	Lower	Upper
112	100		
64	69.7	53.8	80.6
63	39.3	32.3	48.5



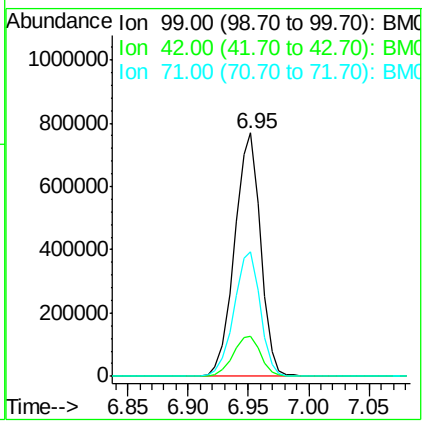


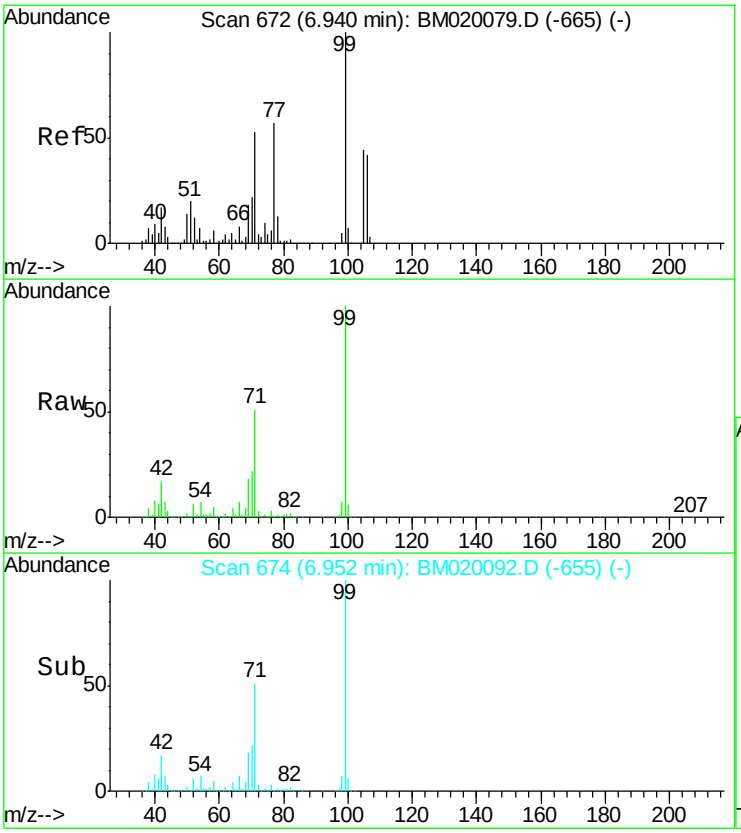
#7
Phenol-d6
Concen: 160.433 ng
RT: 6.95 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1156214

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.2	21.2
71	51.0	40.3	60.5

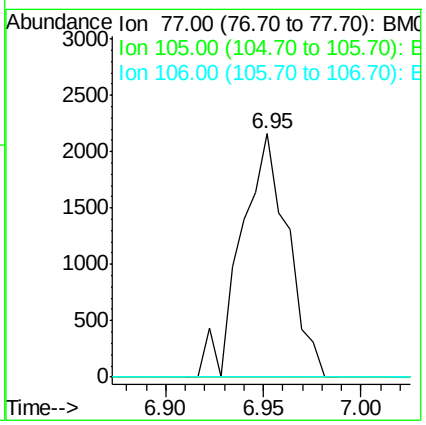


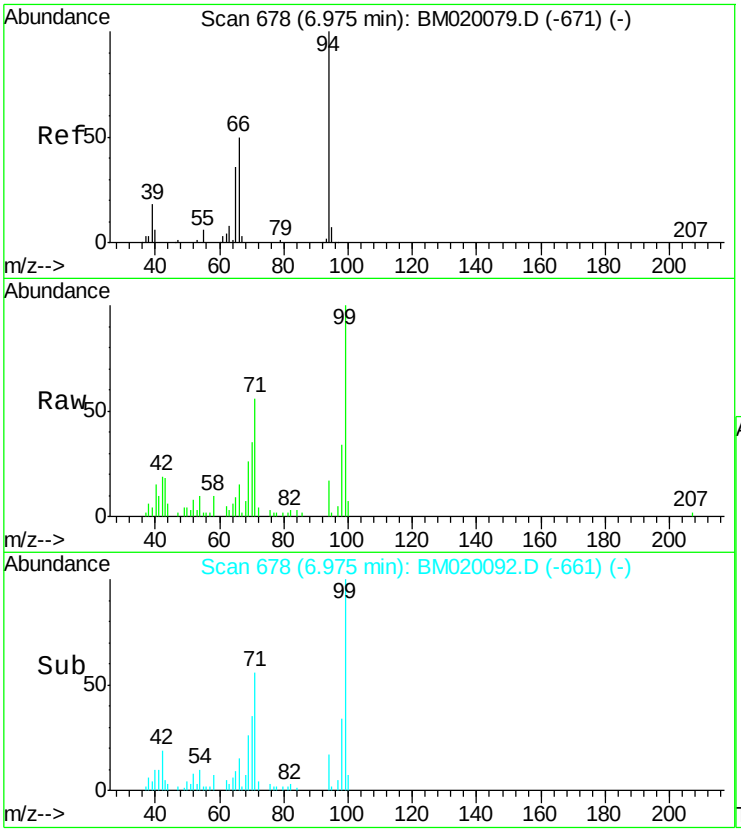


#9
Benzaldehyde
Concen: 0.654 ng
RT: 6.95 min Scan# 674
Delta R.T. 0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion: 77 Resp: 3568

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



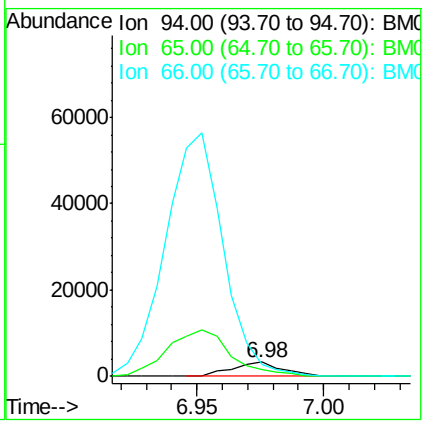


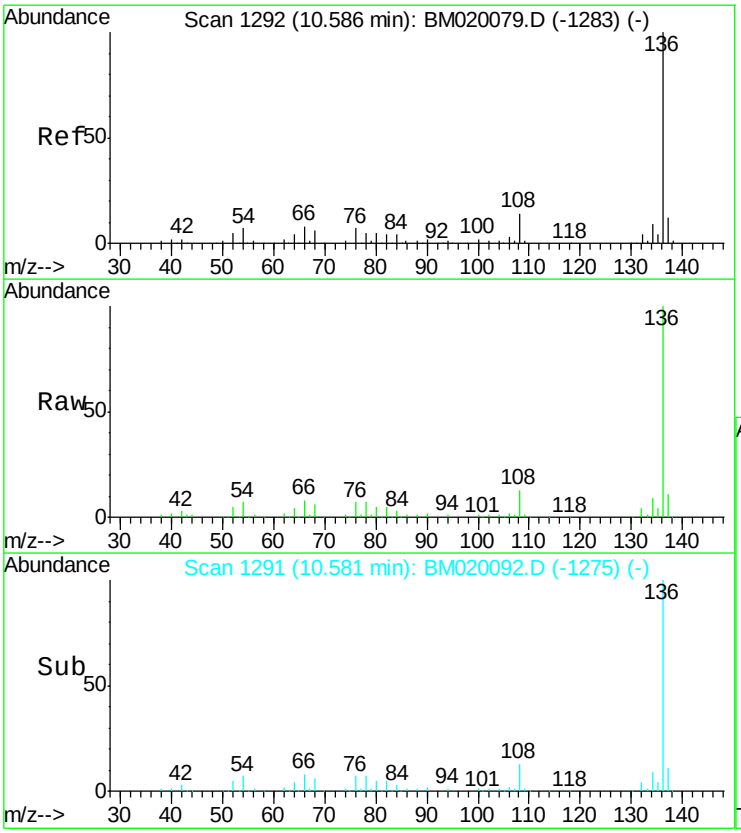
#10
Phenol
Concen: 0.574 ng
RT: 6.98 min Scan# 678
Delta R.T. 0.00 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 4451

Ion	Ratio	Lower	Upper
94	100		
65	49.2	17.0	57.0
66	82.9	34.5	74.5#

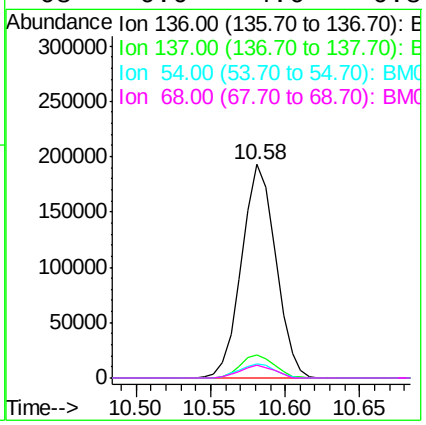


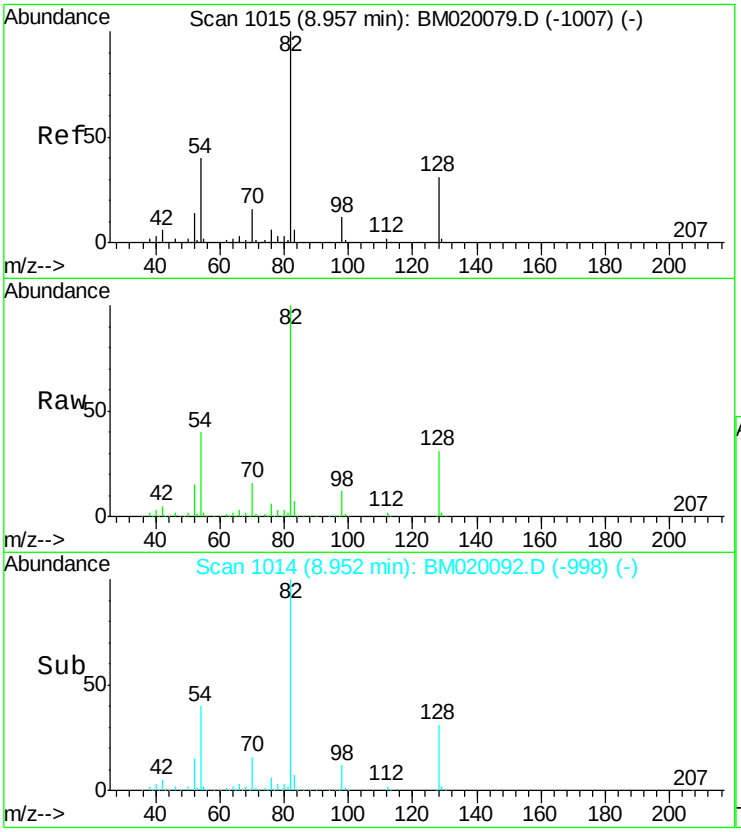


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:136 Resp: 306215

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	6.6	5.5	8.3
68	6.0	4.6	6.8



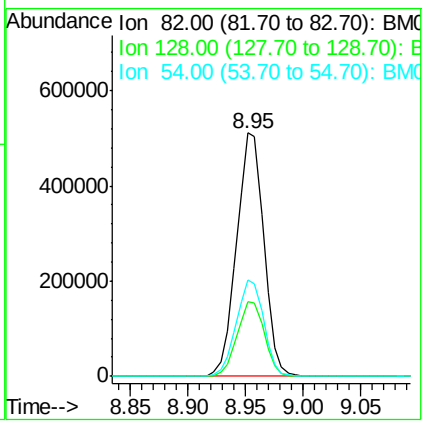


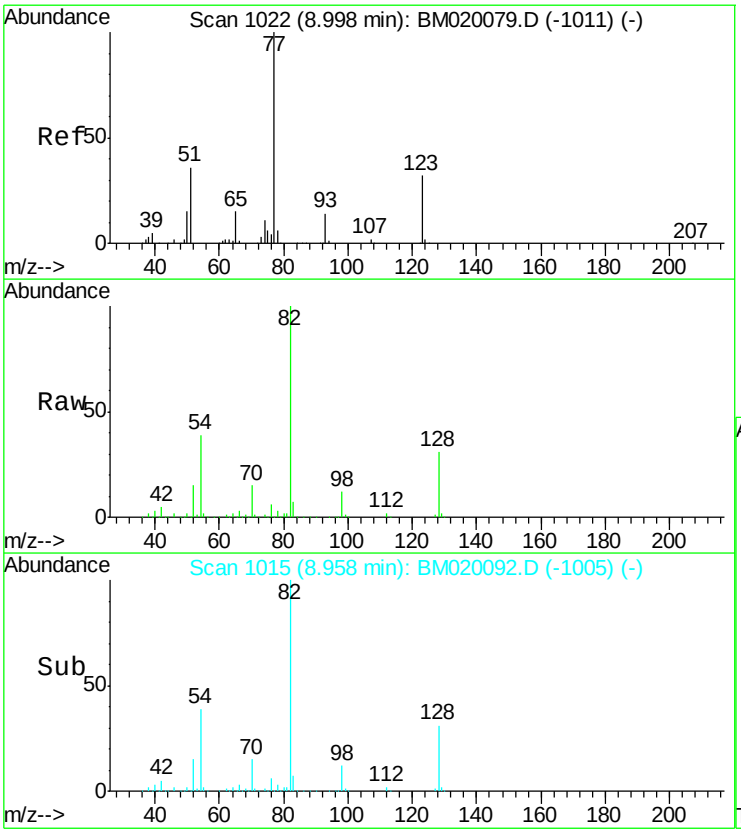
#23
Nitrobenzene-d5
Concen: 108.271 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 839773

Ion	Ratio	Lower	Upper
82	100		
128	30.6	25.2	37.8
54	39.8	31.9	47.9

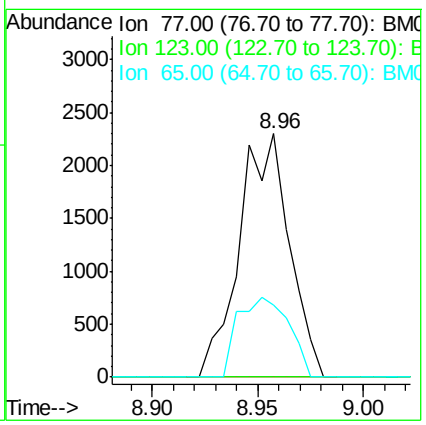


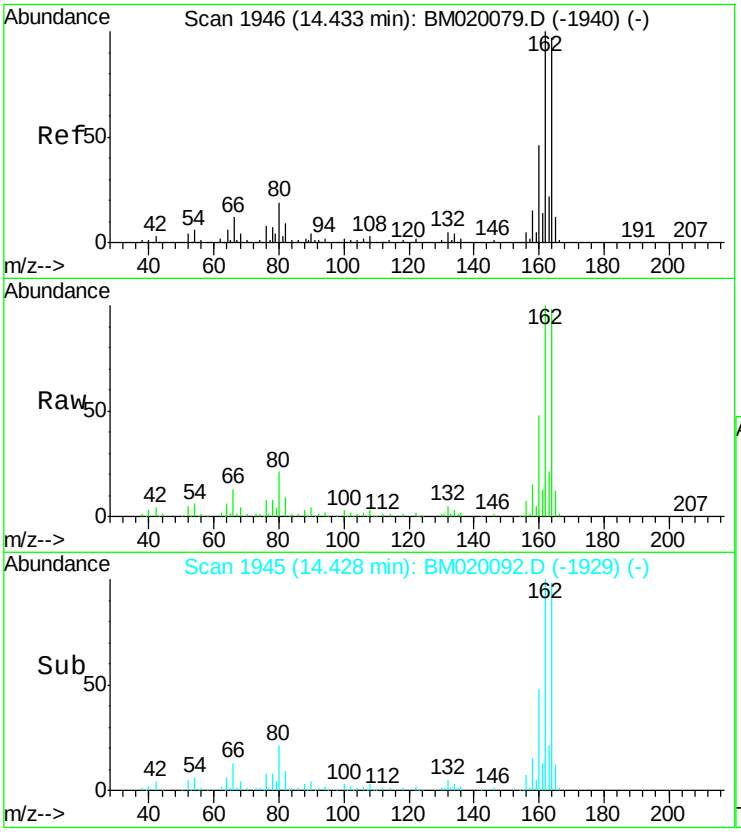


#24
Nitrobenzene
Concen: 0.471 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.04 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion: 77 Resp: 3787

Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.5	38.3#
65	29.5	11.8	17.6#



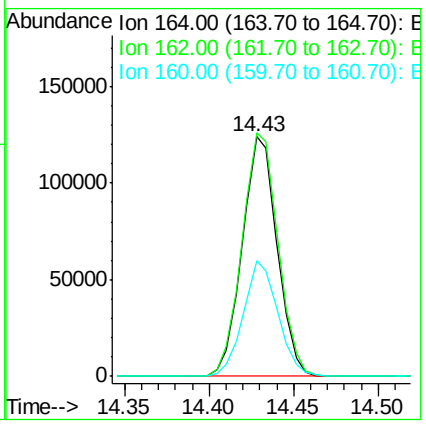


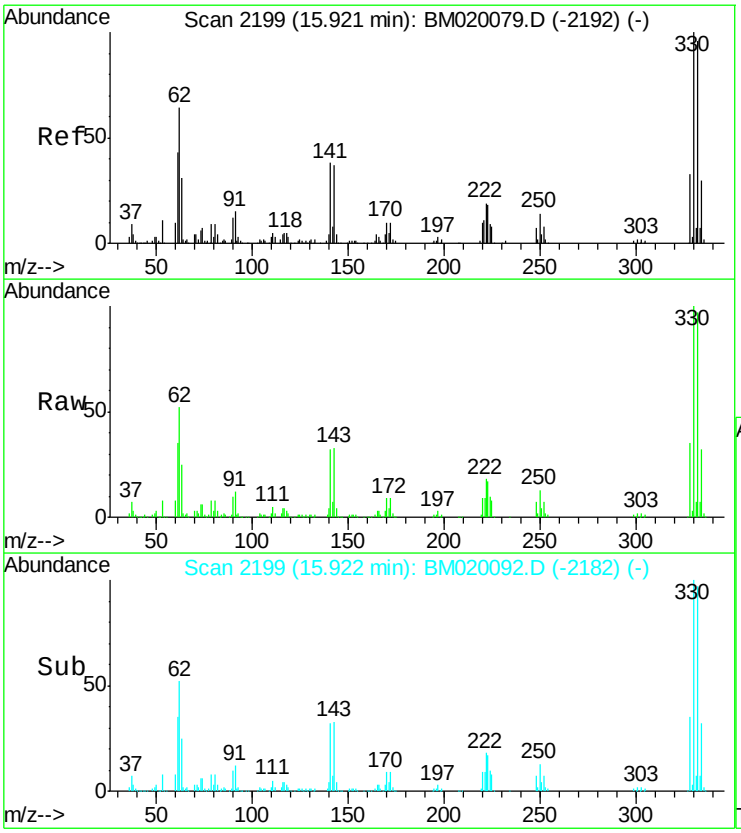
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 178401

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	48.5	37.6	56.4

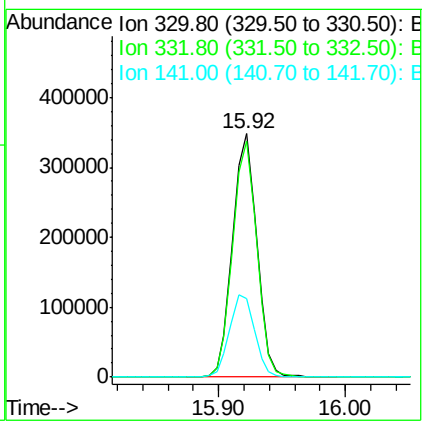


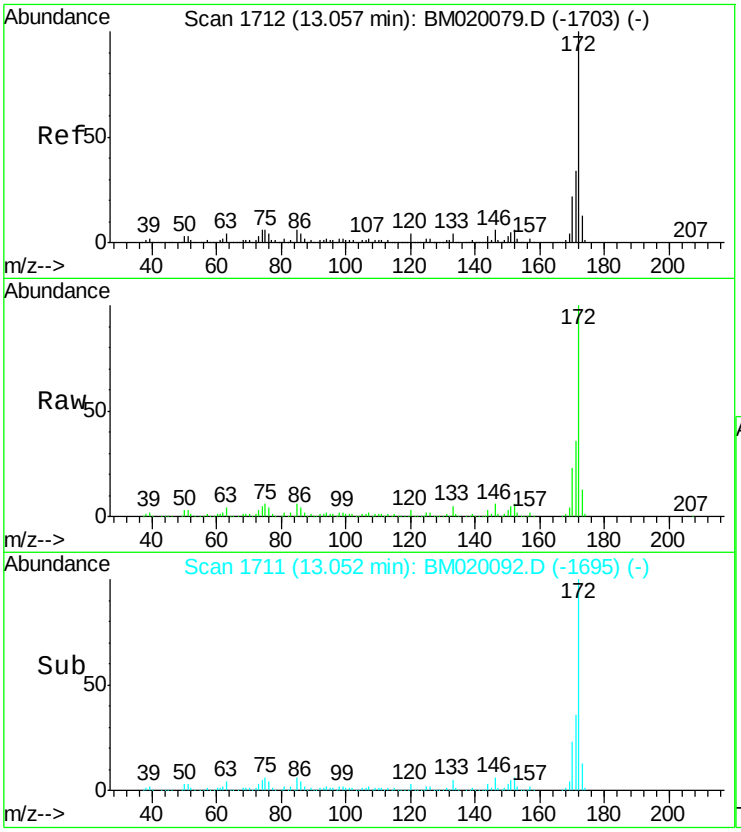


#42
2,4,6-Tribromophenol
Concen: 166.934 ng
RT: 15.92 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:330 Resp: 462259

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	35.1	29.2	43.8



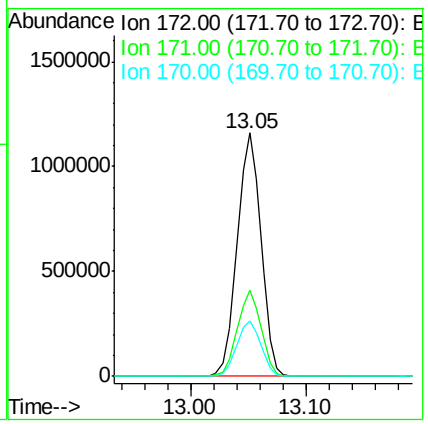


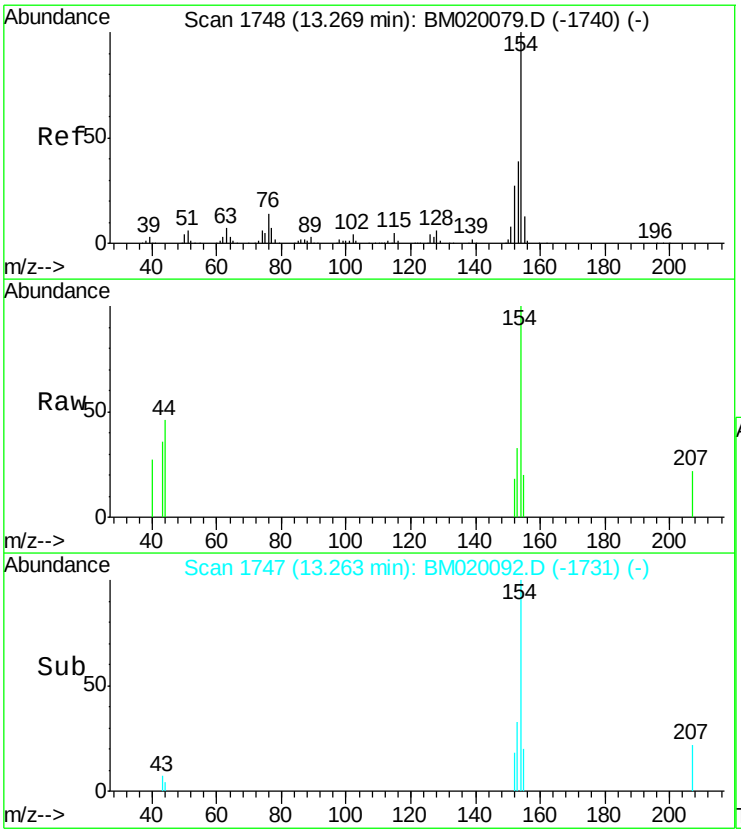
#45
2-Fluorobiphenyl
Concen: 113.939 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 1652096

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.3	40.9
170	23.0	17.9	26.9

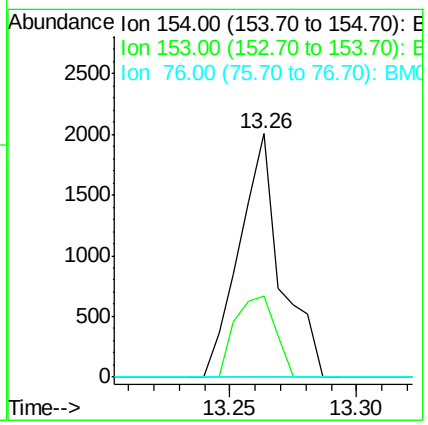


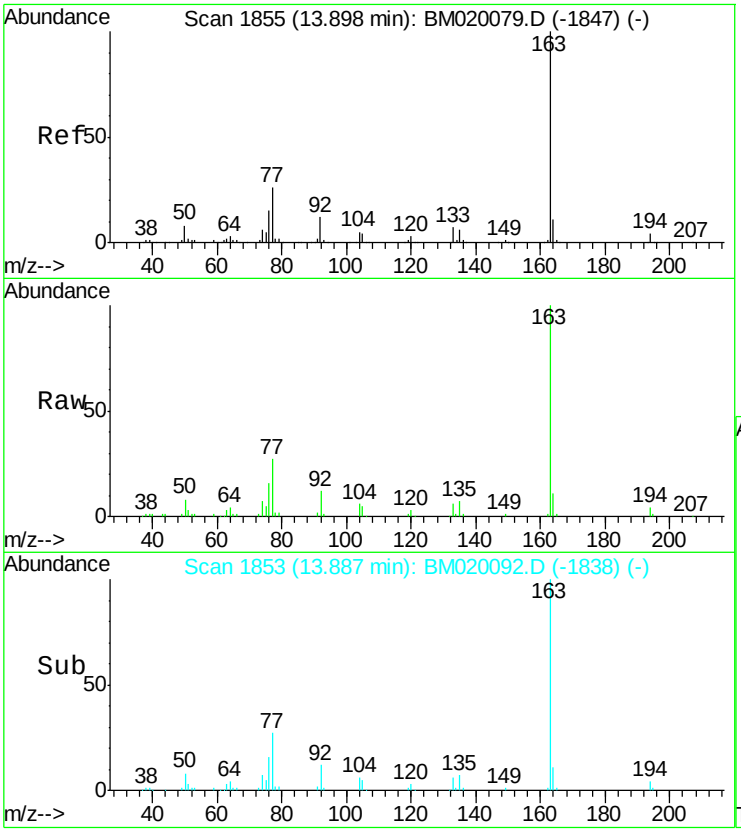


#46
1,1'-Biphenyl
Concen: 0.156 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:154 Resp: 2297

Ion	Ratio	Lower	Upper
154	100		
153	33.1	19.4	59.4
76	0.0	0.0	34.5



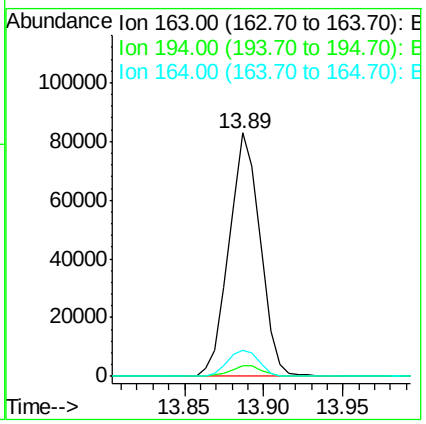


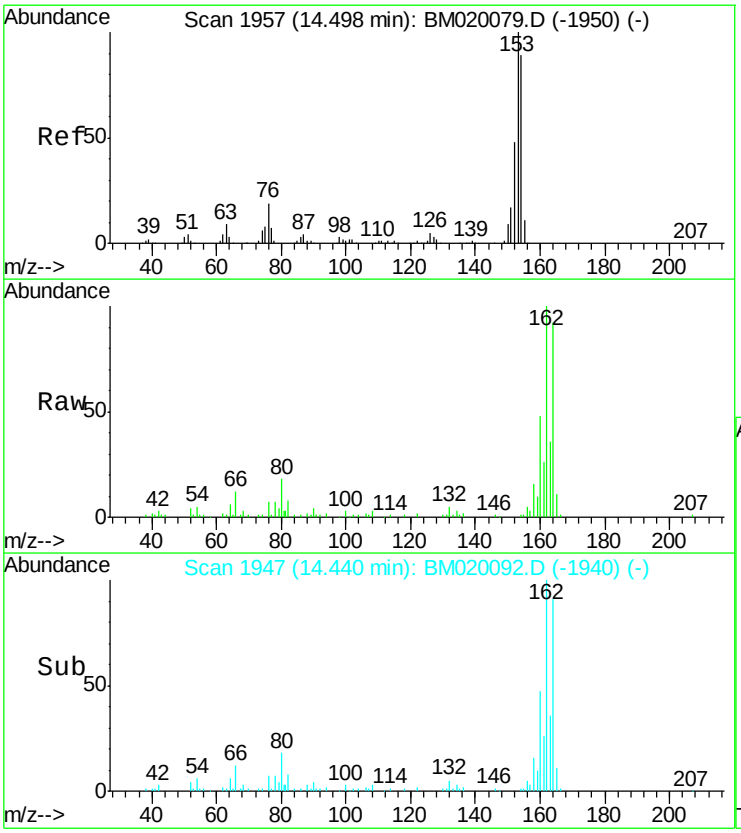
#50
Dimethylphthalate
Concen: 7.424 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 112575

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.9	8.4	12.6

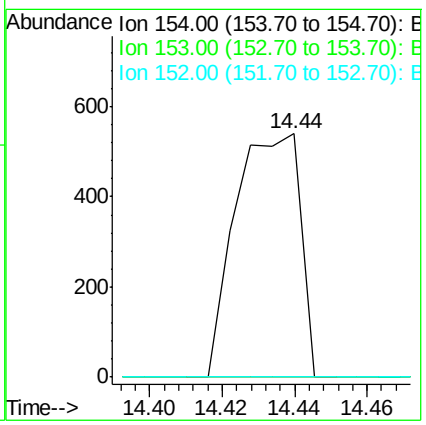


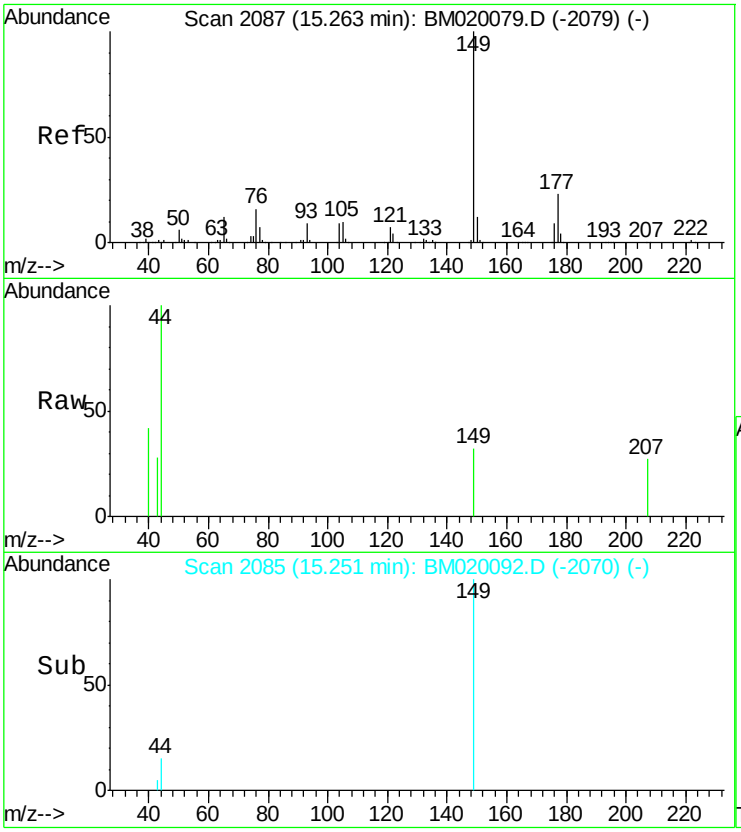


#52
Acenaphthene
Concen: 0.062 ng
RT: 14.44 min Scan# 1947
Delta R.T. -0.06 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:154 Resp: 667

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



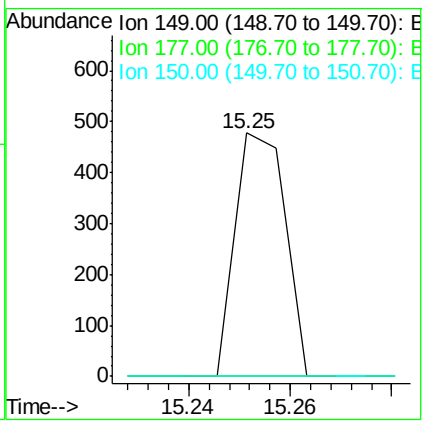


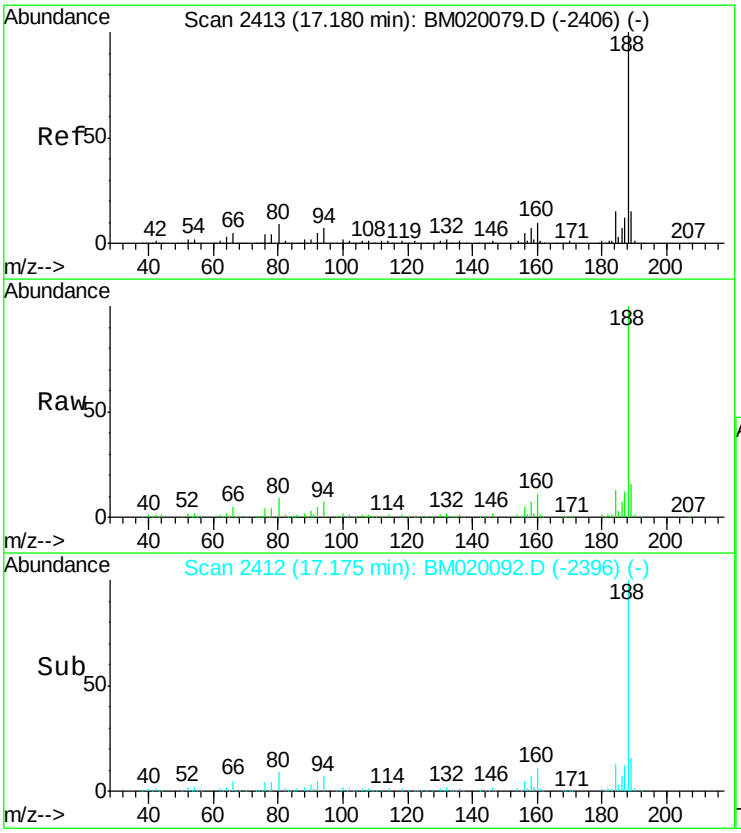
#60
Diethylphthalate
Concen: 0.021 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 327

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

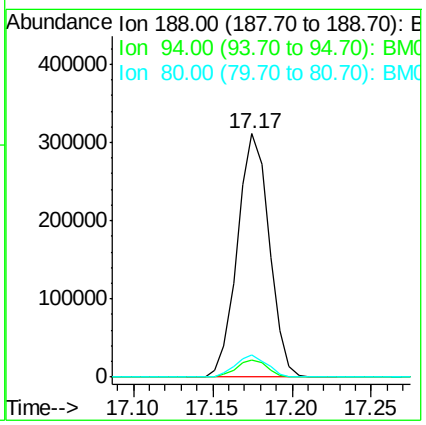


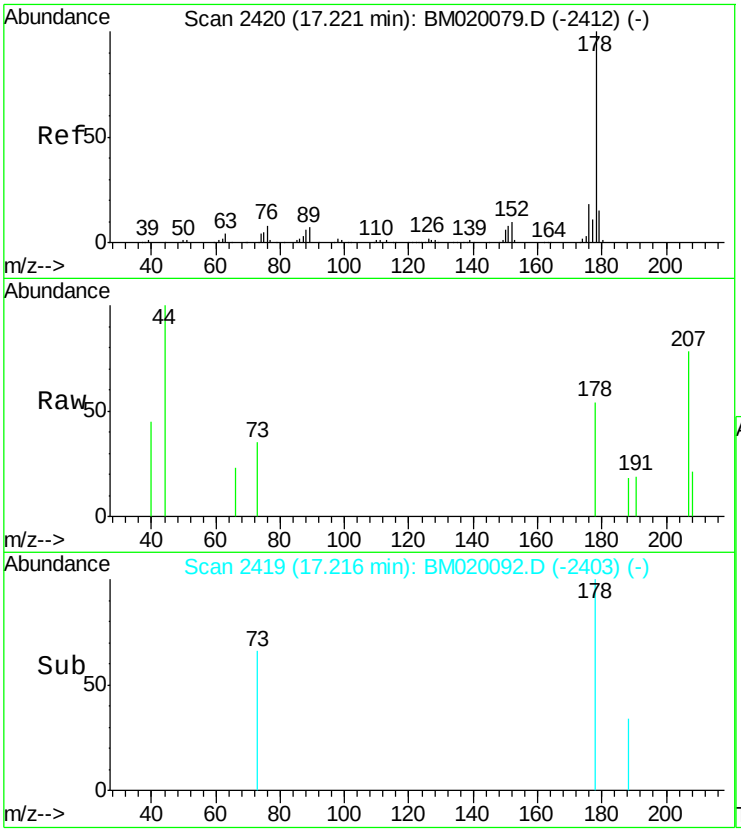


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:188 Resp: 433498

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.6
80	9.4	7.4	11.2



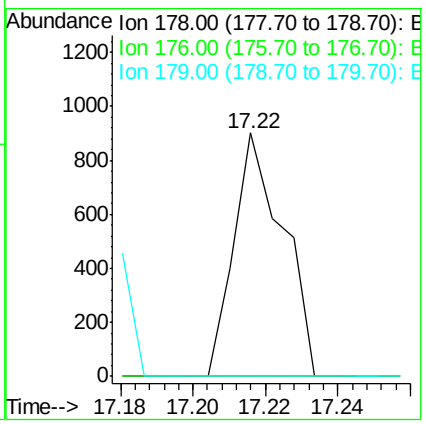


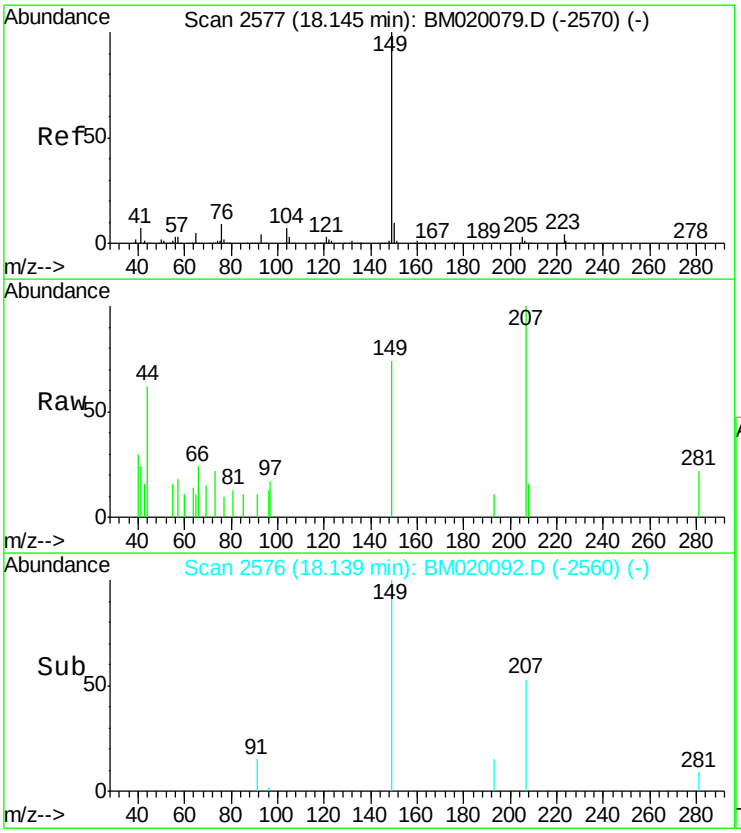
#71
Phenanthrene
Concen: 0.035 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 848

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

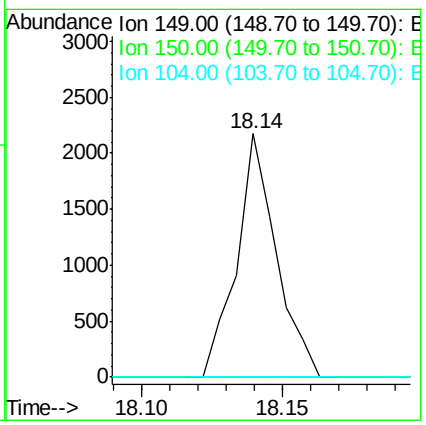


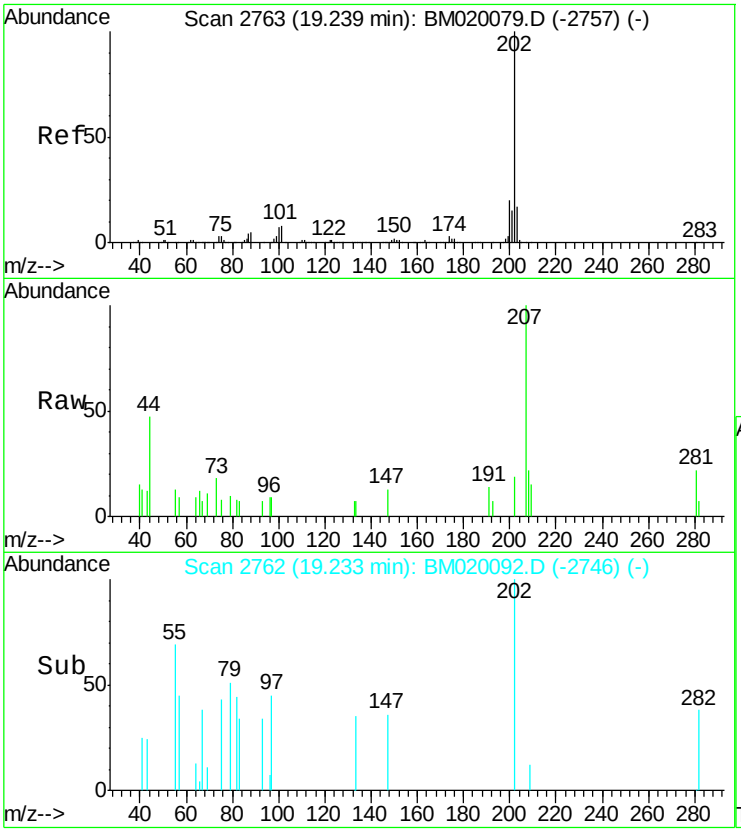


#74
Di-n-butylphthalate
Concen: 0.082 ng
RT: 18.14 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:149 Resp: 2119

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



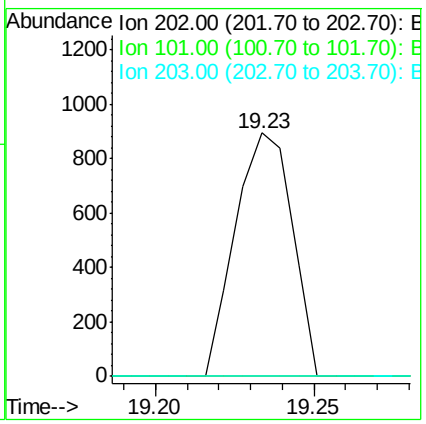


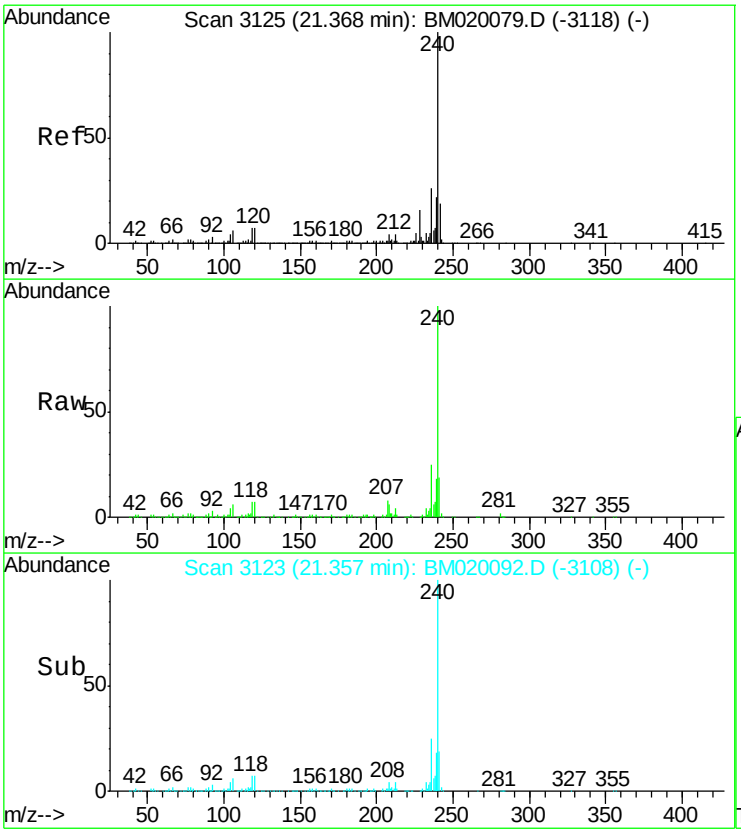
#75
Fluoranthene
Concen: 0.037 ng
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1114

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

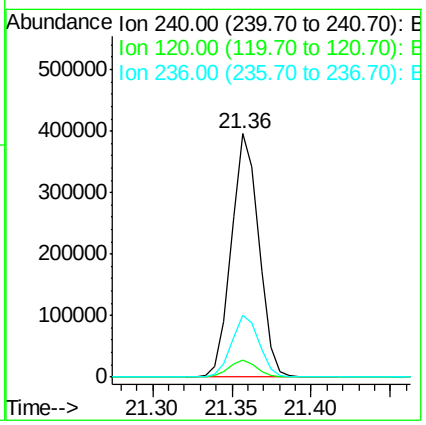


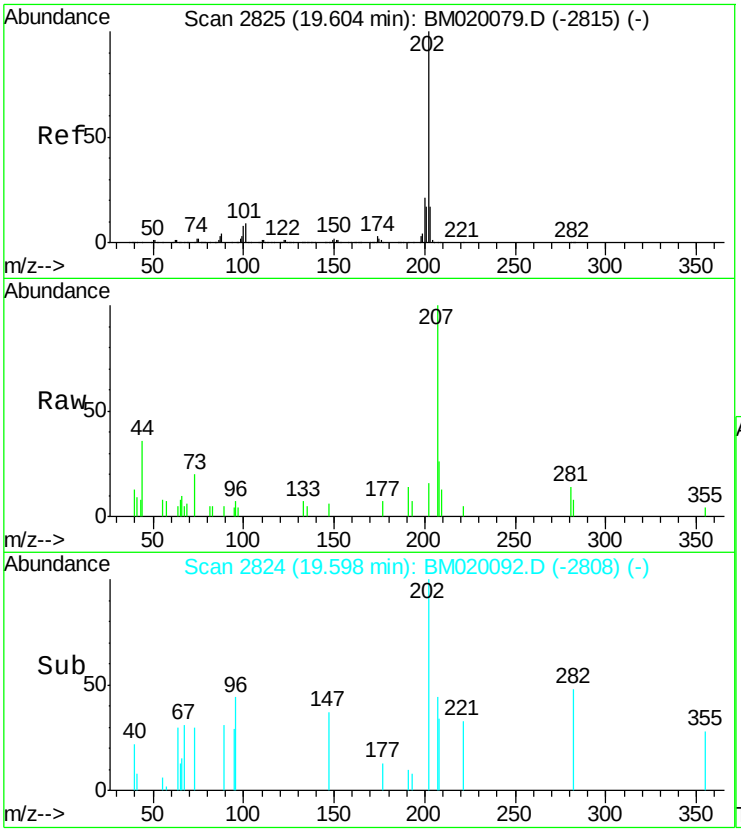


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:240 Resp: 473825

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.6	8.4
236	25.4	20.9	31.3



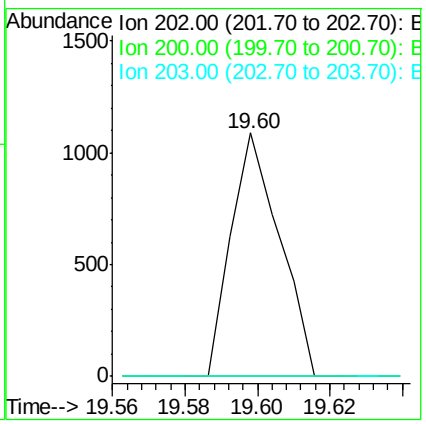


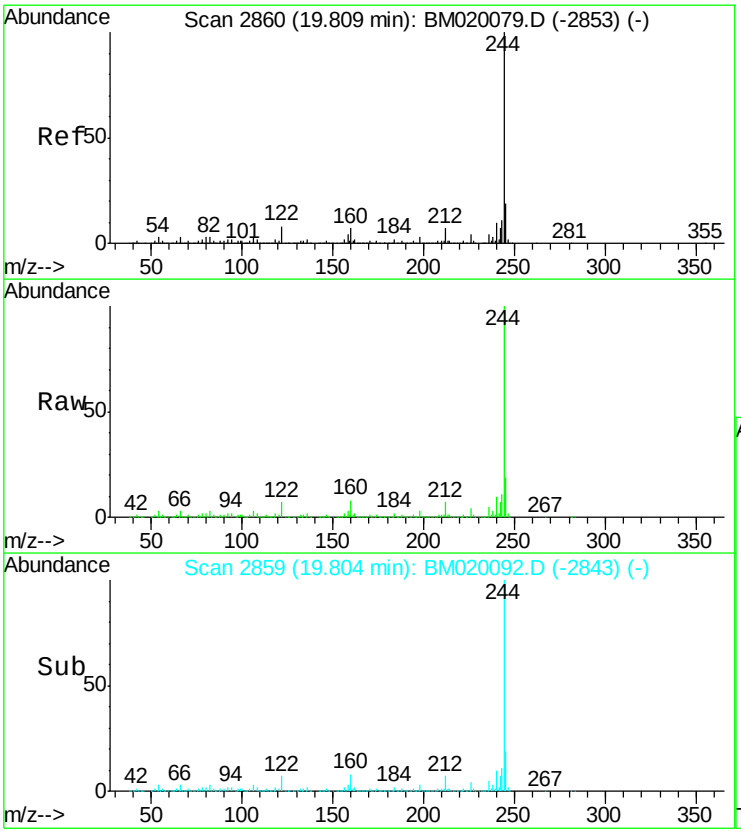
#78
Pyrene
Concen: 0.032 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1011

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

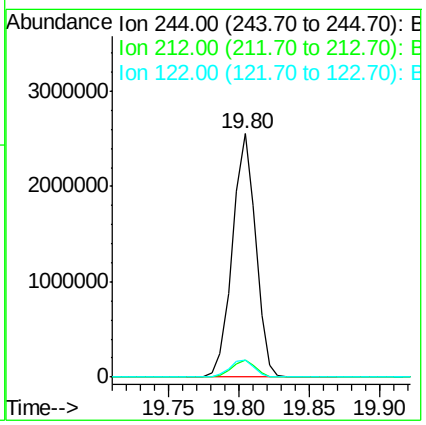


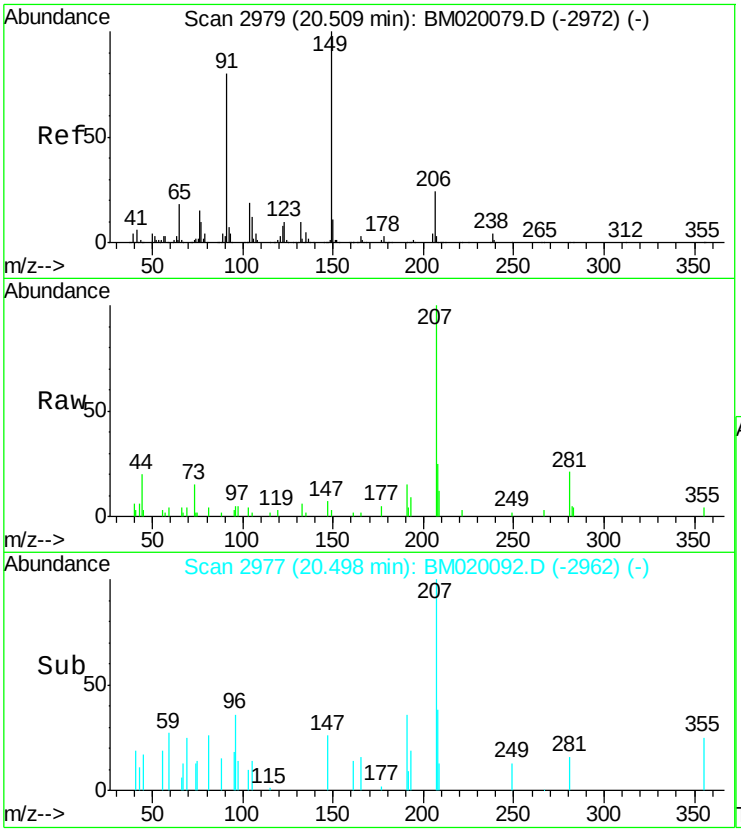


#79
Terphenyl-d14
Concen: 107.518 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:244 Resp: 2920774

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.2	6.2	9.2



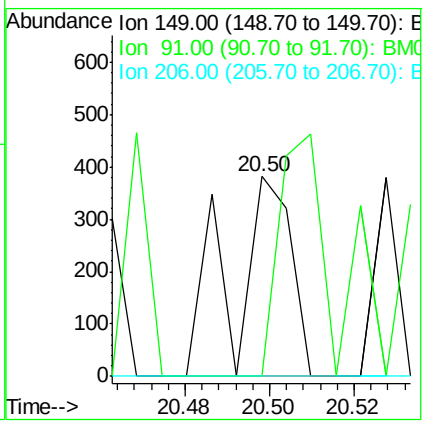


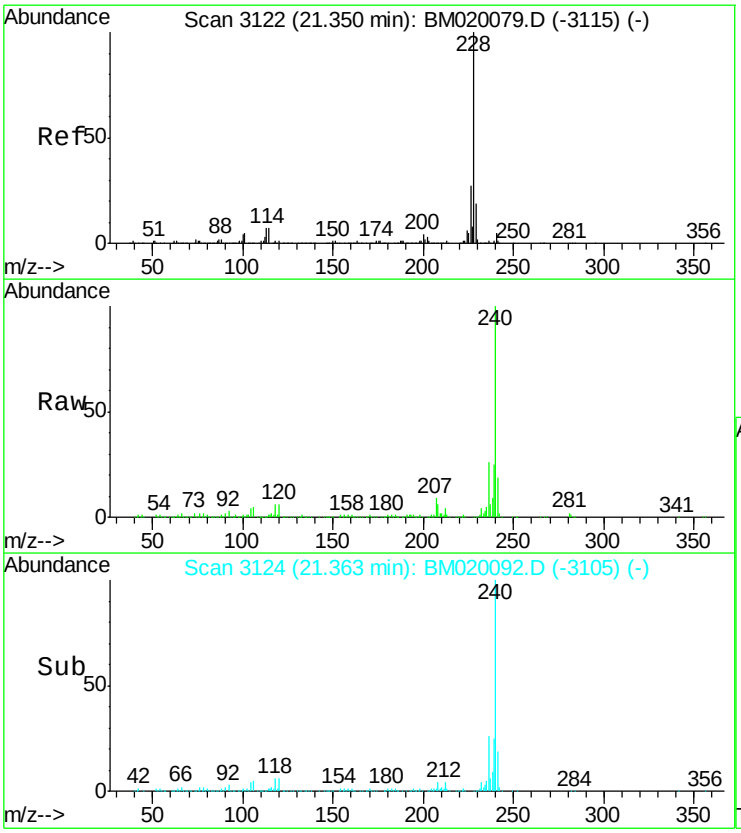
#80
Butylbenzylphthalate
Concen: 0.032 ng
RT: 20.50 min Scan# 2977
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 370

Ion	Ratio	Lower	Upper
149	100		
91	0.0	63.8	95.8#
206	0.0	18.9	28.3#

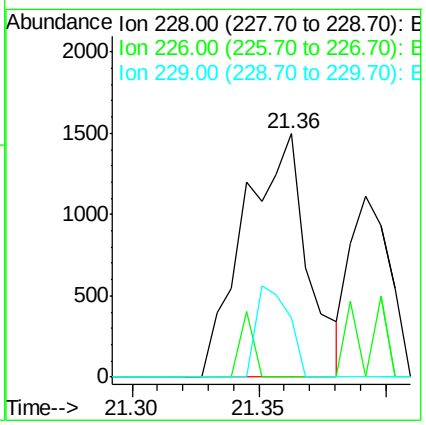


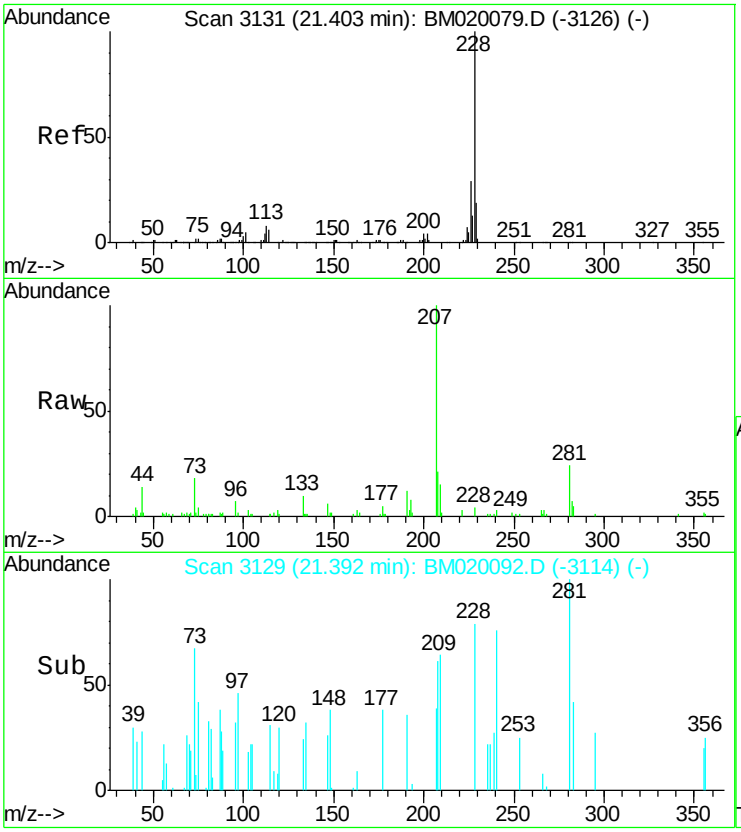


#81
Benzo(a)anthracene
Concen: 0.078 ng
RT: 21.36 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:228 Resp: 2602

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.3	31.9#
229	24.6	15.5	23.3#



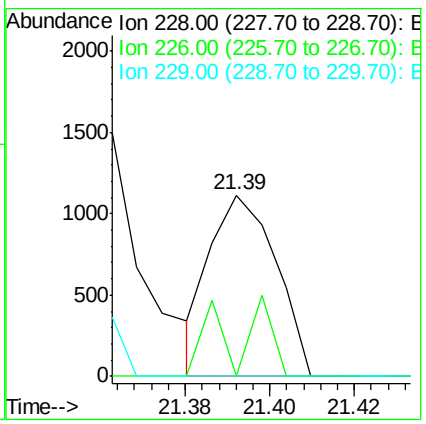


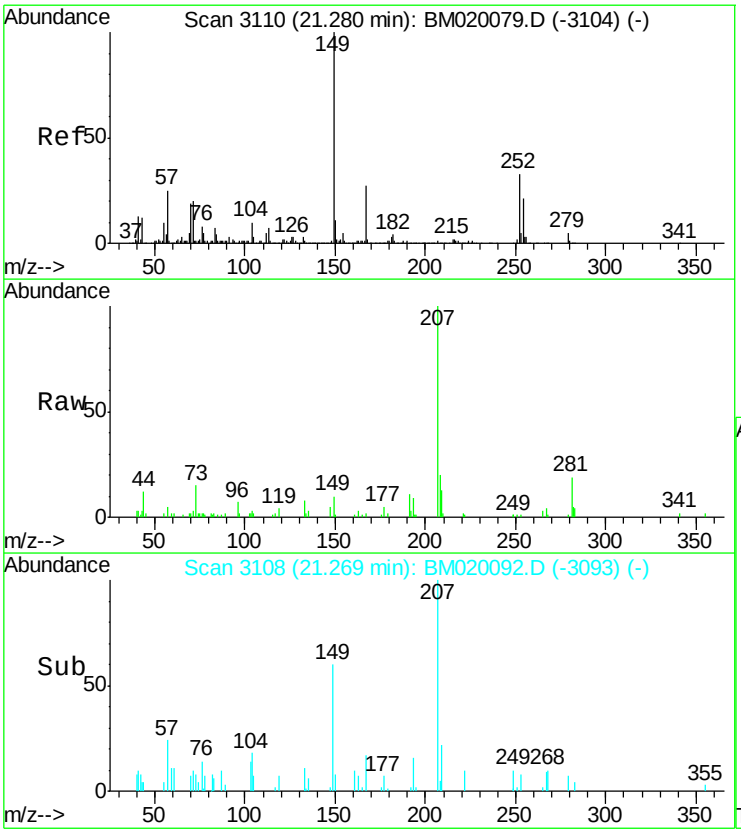
#83
Chrysene
Concen: 0.037 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1202

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	0.0	15.5	23.3#

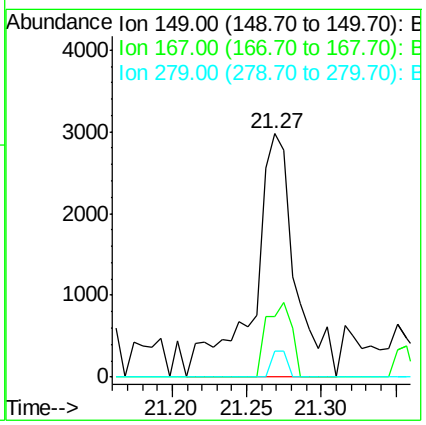


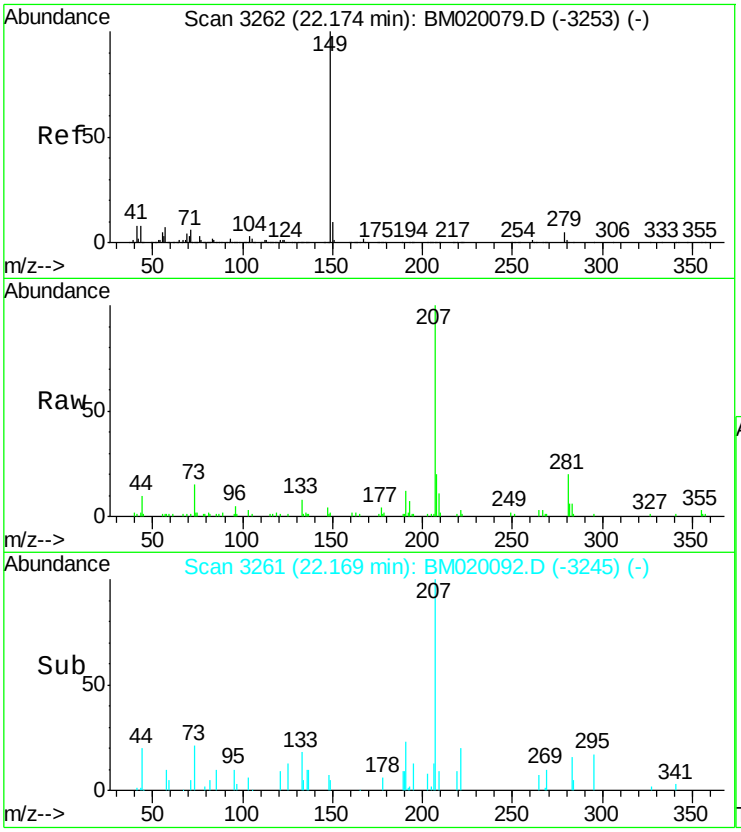


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.318 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:149 Resp: 5708

Ion	Ratio	Lower	Upper
149	100		
167	24.8	21.8	32.8
279	10.6	4.2	6.2#



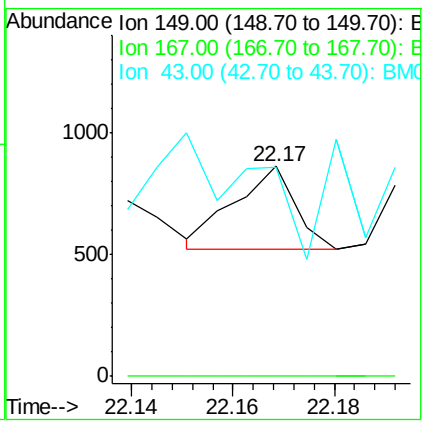


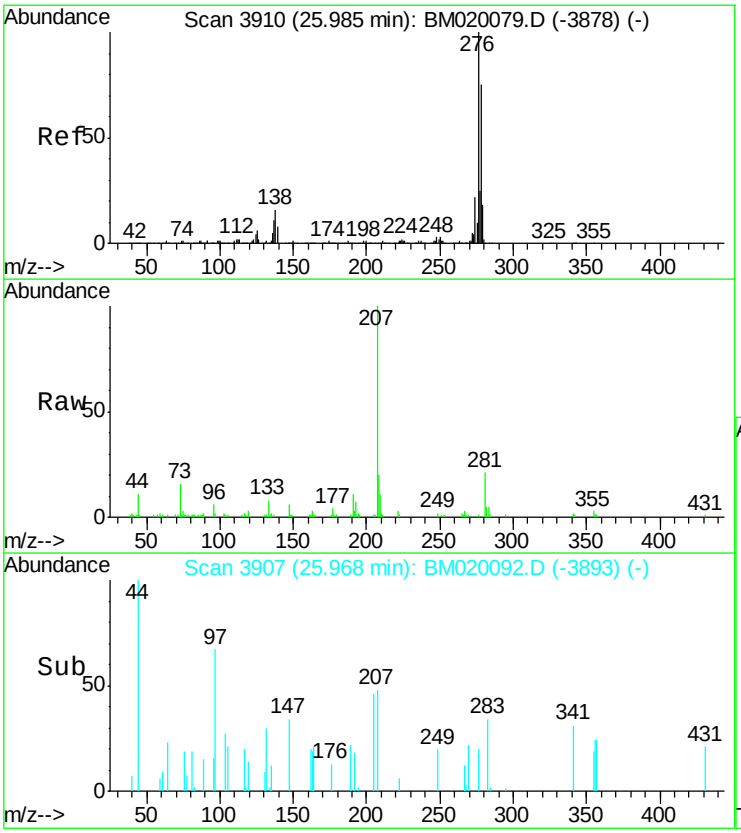
#85
Di-n-octyl phthalate
Concen: 0.010 ng
RT: 22.17 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 285

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	74.4	6.5	9.7#

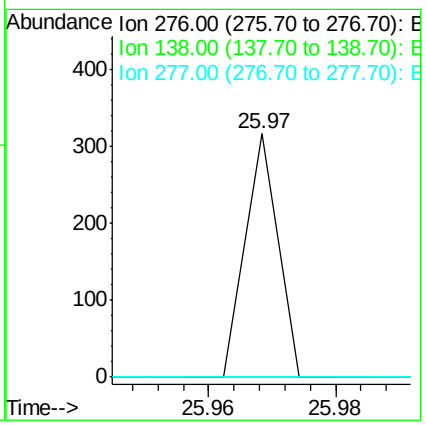


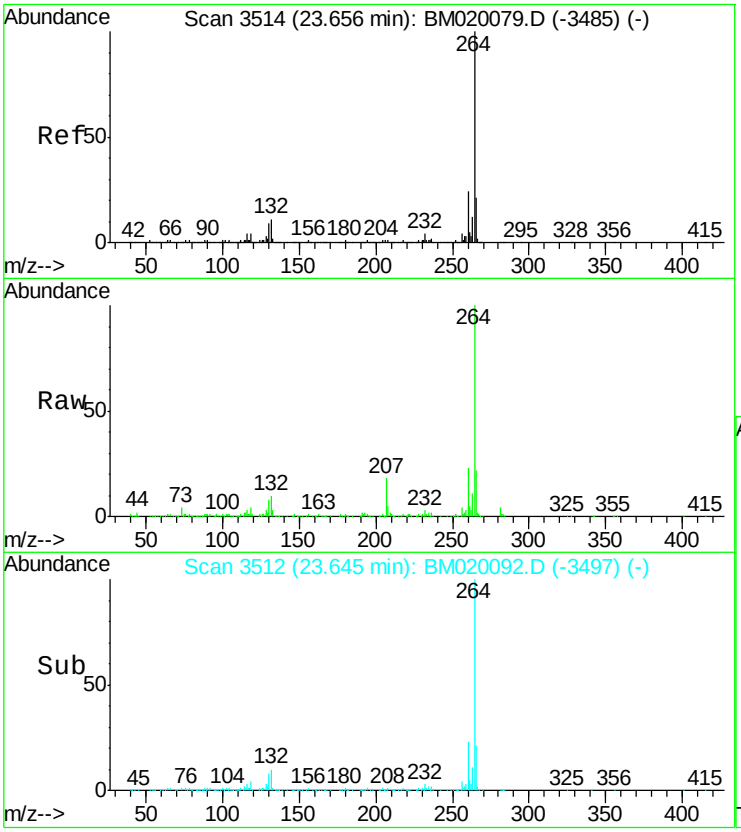


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.02 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:276 Resp: 112

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0



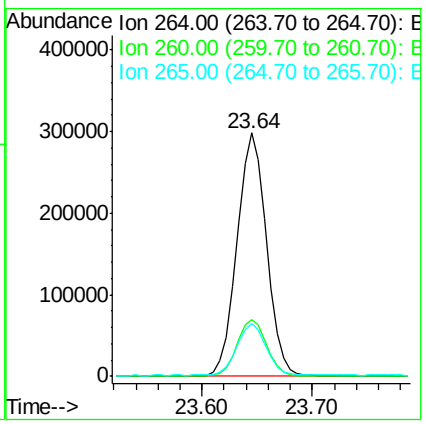


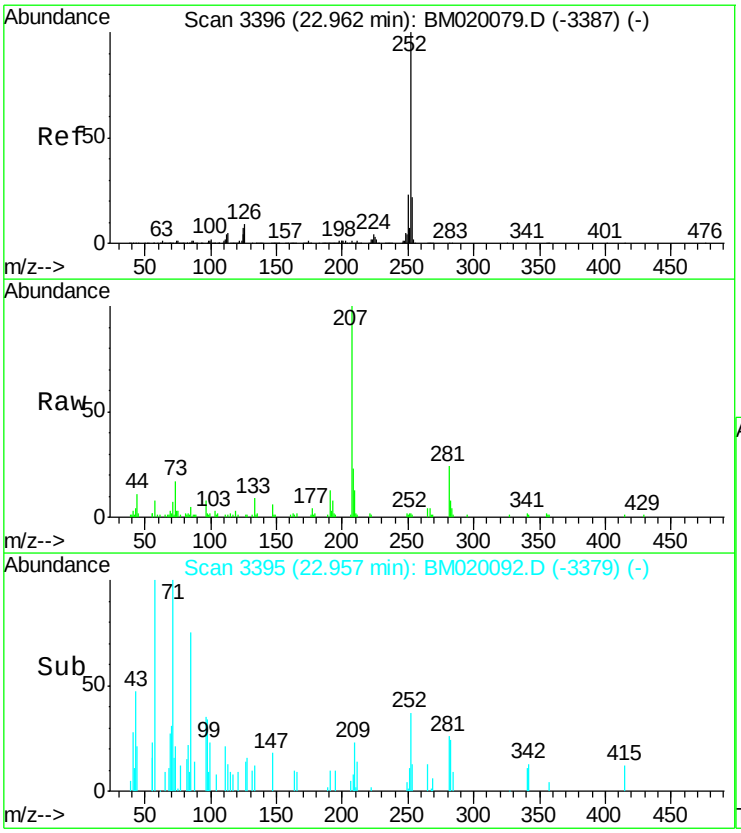
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 562445

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	16.9	25.3

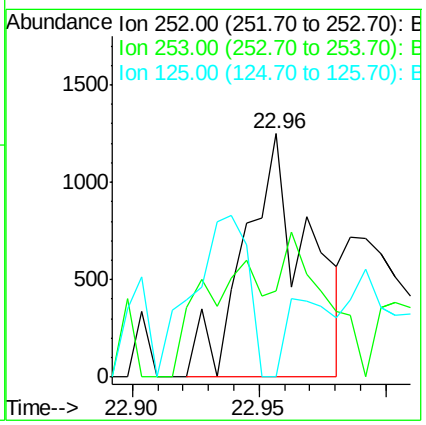


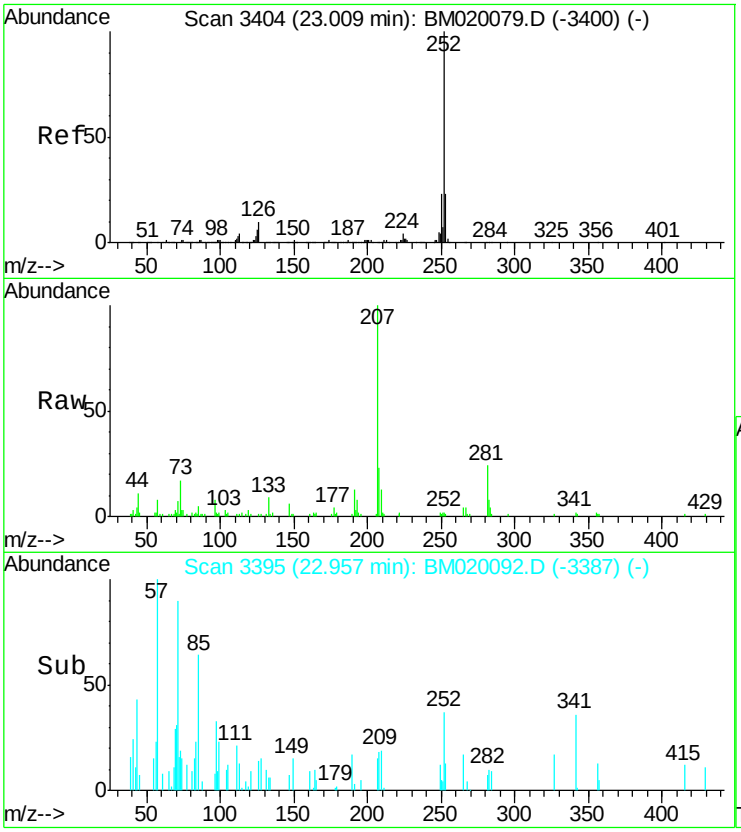


#88
Benzo(b)fluoranthene
Concen: 0.059 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:252 Resp: 2173

Ion	Ratio	Lower	Upper
252	100		
253	35.1	17.5	26.3#
125	0.0	5.4	8.2#



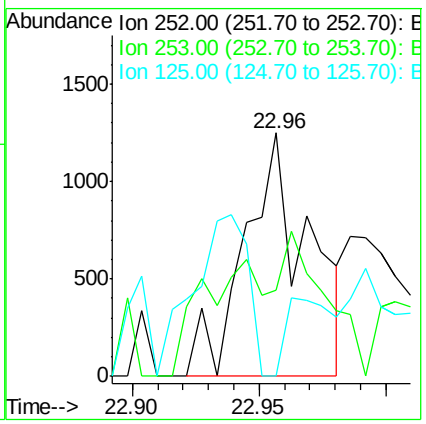


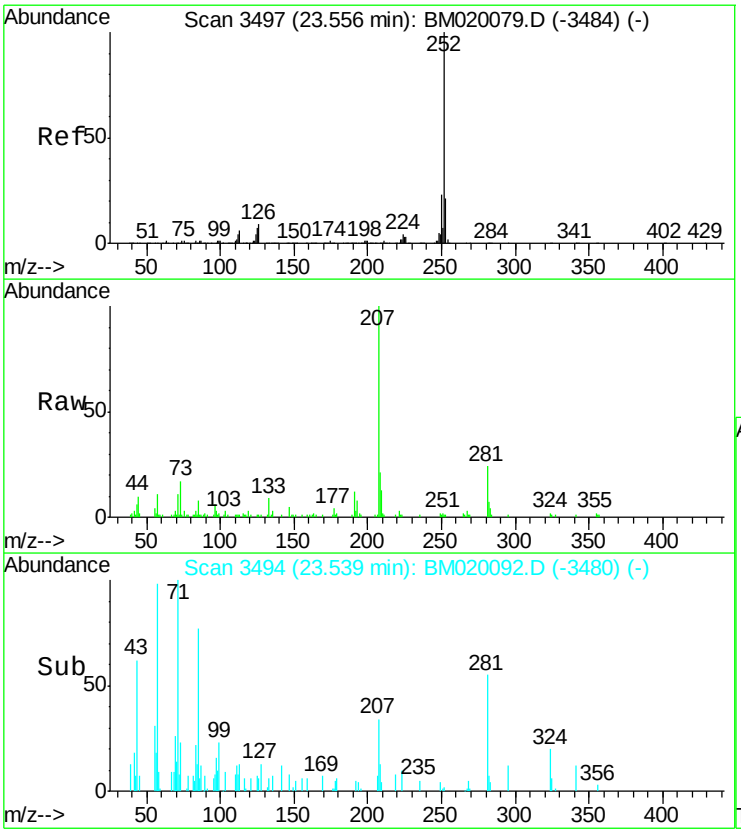
#89
Benzo(k)fluoranthene
Concen: 0.064 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.05 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2173

Ion	Ratio	Lower	Upper
252	100		
253	35.1	17.8	26.8#
125	0.0	5.4	8.0#





#90
Benzo(a)pyrene
Concen: 0.042 ng
RT: 23.54 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM020092.D
Acq: 01 May 2019 16:14

Tgt Ion:252 Resp: 1424

Ion	Ratio	Lower	Upper
252	100		
253	40.8	17.0	25.6#
125	49.4	5.5	8.3#