Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024668.D
Acq On : 30 Jan 2020 20:56
Operator : CG/JU
Sample : L1318-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 30 23:24:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	168005	20.00	ng		-0.02
21) Naphthalene-d8	10.19	136	605679	20.00	ng		-0.02
39) Acenaphthene-d10	14.08	164	398523	20.00	ng		-0.01
64) Phenanthrene-d10	16.83	188	914046	20.00	ng		-0.01
76) Chrysene-d12	21.04	240	1095495	20.00	ng		-0.02
87) Perylene-d12	23.15	264	1308557	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	1014256	114.81	ng		-0.01
7) Phenol-d6	6.63	99	1271573	104.49	ng		-0.02
23) Nitrobenzene-d5	8.57	82	820883	66.47	ng		-0.02
42) 2,4,6-Tribromophenol	15.58	330	785043	121.10	ng		-0.01
45) 2-Fluorobiphenyl	12.69	172	2295299	78.30	ng		-0.02
79) Terphenyl-d14	19.49	244	4591936	78.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	1574	0.450	ng	#	67
3) Pyridine	3.43	79	343	0.034	ng	#	1
4) n-Nitrosodimethylamine	3.35	42	377	0.084	ng	#	1
9) Benzaldehyde	6.57	77	135	0.019	ng	#	4
10) Phenol	6.65	94	9022	0.744	ng	#	56
24) Nitrobenzene	8.60	77	110	0.009	ng	#	41
25) Isophorone	9.16	82	127	0.006	ng	#	64
46) 1,1'-Biphenyl	12.90	154	4721	0.157	ng		93
50) Dimethylphthalate	13.55	163	85796	2.662	ng		98
52) Acenaphthene	14.07	154	1119	0.049	ng	#	5
63) Azobenzene	15.41	77	217	0.008	ng	#	49
71) Phenanthrene	16.87	178	1762	0.036	ng	#	72
72) Anthracene	16.97	178	488	0.010	ng	#	61
73) Carbazole	17.26	167	597	0.014	ng	#	27
74) Di-n-butylphthalate	17.83	149	1219	0.022	ng	#	78
75) Fluoranthene	18.90	202	5933	0.096	ng		97
78) Pyrene	19.26	202	5897	0.082	ng		94
80) Butylbenzylphthalate	20.19	149	1425	0.047	ng		94
81) Benzo(a)anthracene	21.03	228	8930	0.117	ng	#	74
82) 3,3'-Dichlorobenzidine	20.96	252	585	0.021	ng	#	5
83) Chrysene	21.08	228	4629	0.064	ng	#	80
84) Bis(2-ethylhexyl)phthalate	21.00	149	5201	0.116	ng	#	90
85) Di-n-octyl phthalate	21.85	149	628	0.009	ng	#	82
86) Indeno(1,2,3-cd)pyrene	25.21	276	2677	0.034	ng	#	81
88) Benzo(b)fluoranthene	22.53	252	4120	0.049	ng	#	26
89) Benzo(k)fluoranthene	22.53	252	4120	0.050	ng	#	25
90) Benzo(a)pyrene	23.05	252	3339	0.043	ng	#	16
91) Dibenzo(a,h)anthracene	25.23	278	1228	0.017	ng	#	1
92) Benzo(g,h,i)perylene	25.83	276	3414	0.051	ng	#	60

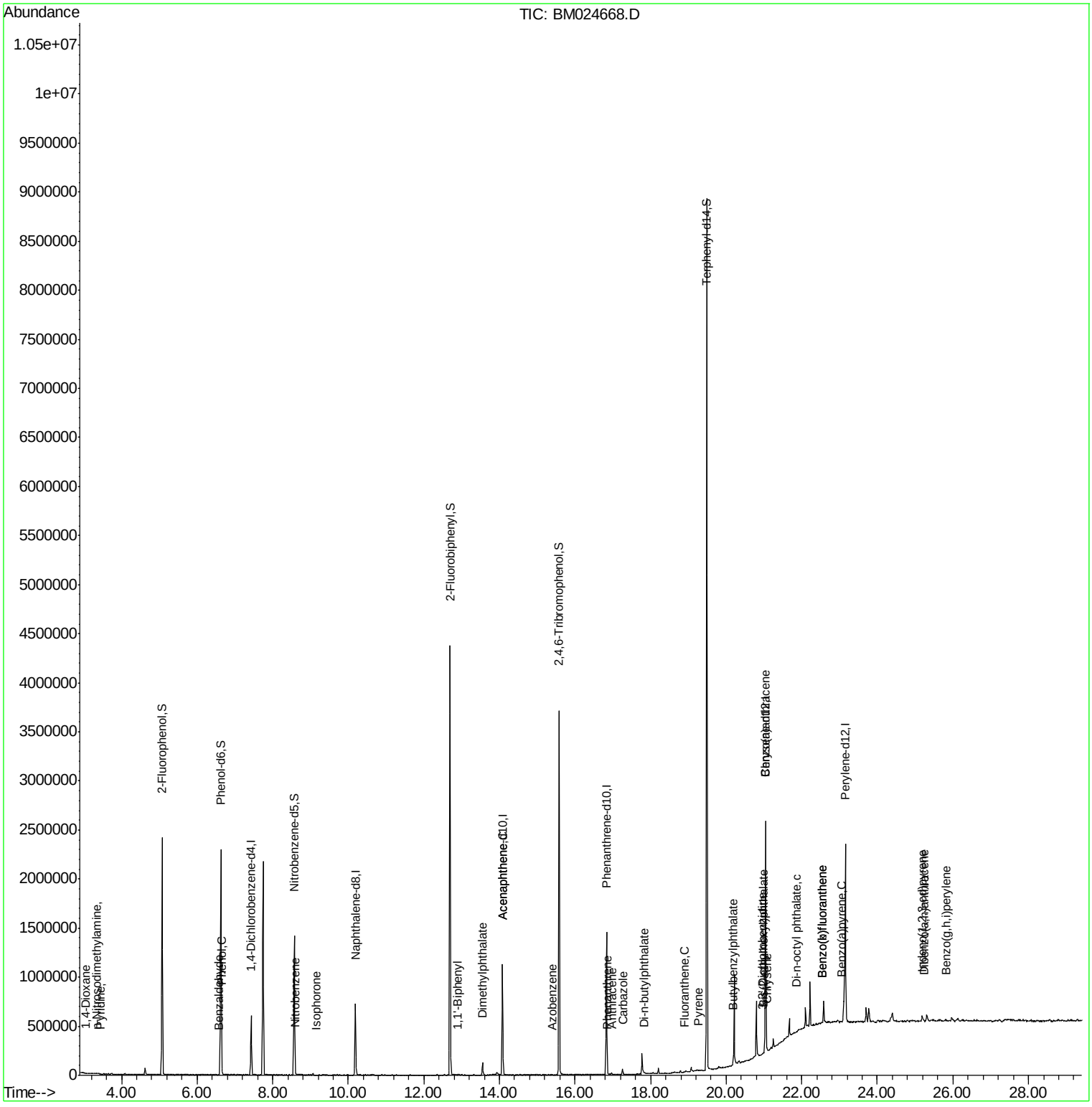
(#) = qualifier out of range (m) = manual integration (+) = signals summed

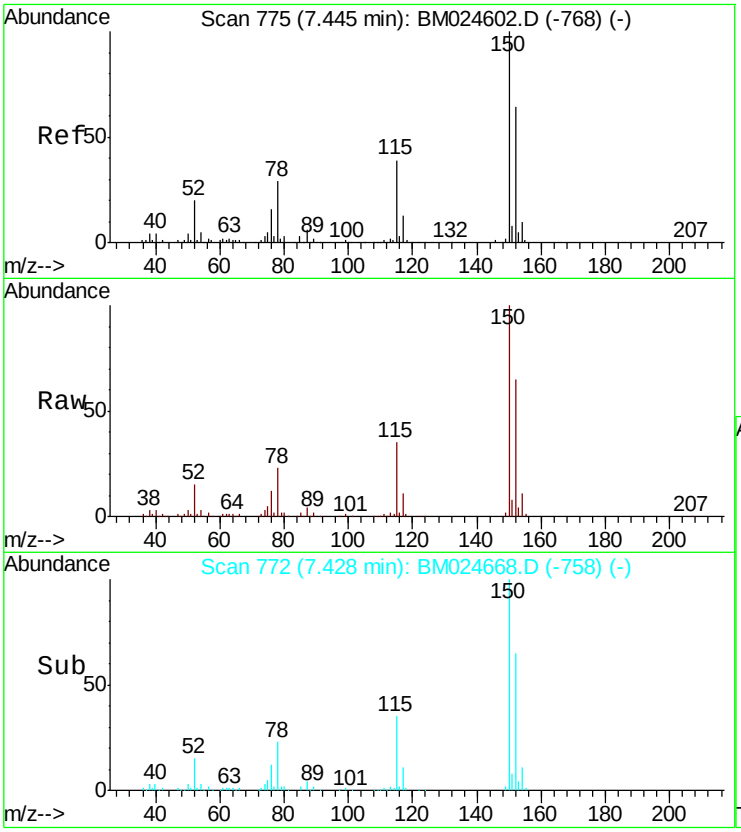
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024668.D
Acq On : 30 Jan 2020 20:56
Operator : CG/JU
Sample : L1318-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 30 23:24:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration



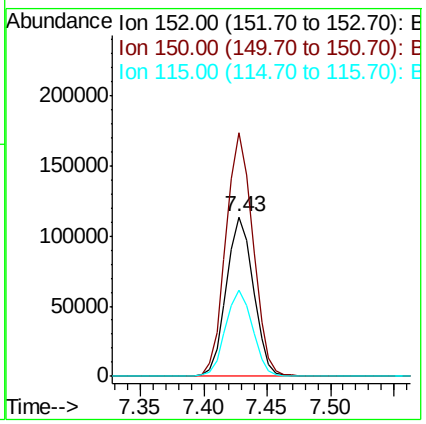


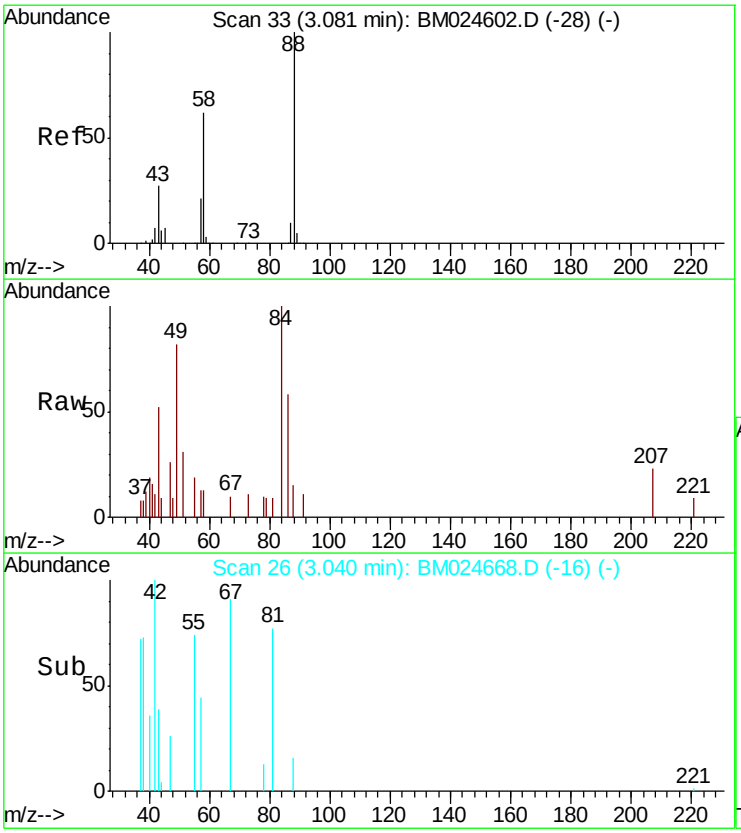
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 168005

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.2	186.4
115	53.9	48.6	72.8

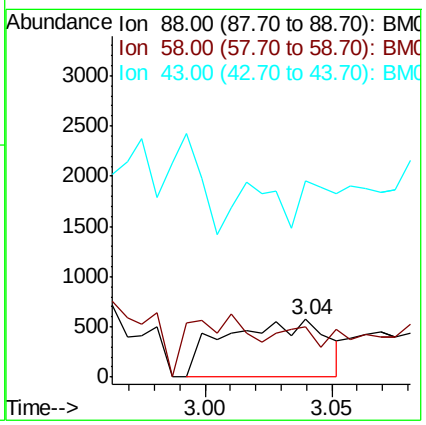


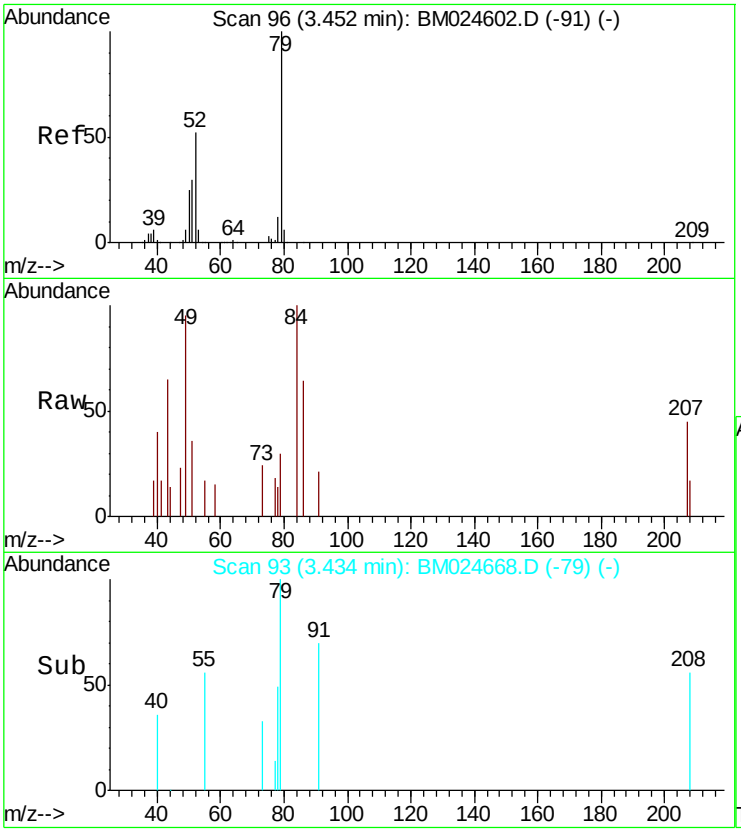


#2
1,4-Dioxane
Concen: 0.450 ng
RT: 3.04 min Scan# 26
Delta R.T. -0.04 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion: 88 Resp: 1574

Ion	Ratio	Lower	Upper
88	100		
58	27.7	50.0	75.0#
43	29.8	21.6	32.4



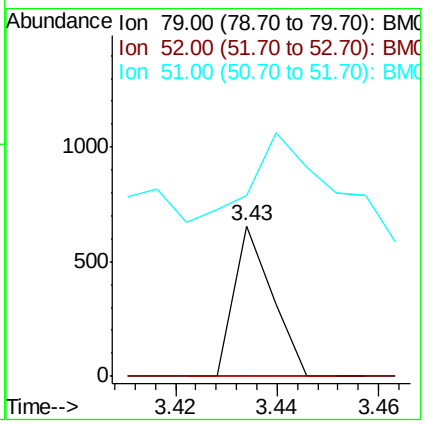


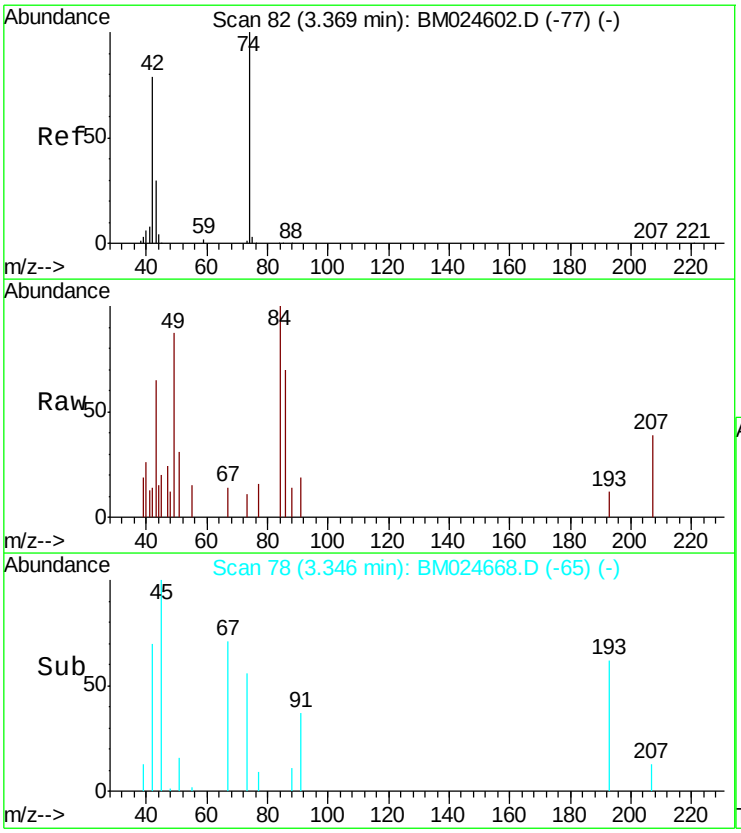
#3
Pyridine
Concen: 0.034 ng
RT: 3.43 min Scan# 93
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 343

Ion	Ratio	Lower	Upper
79	100		
52	0.0	41.4	62.2#
51	120.3	23.8	35.8#

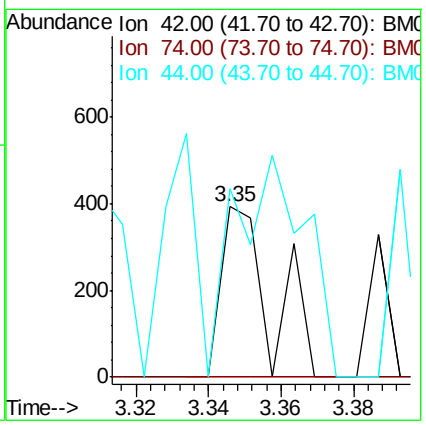


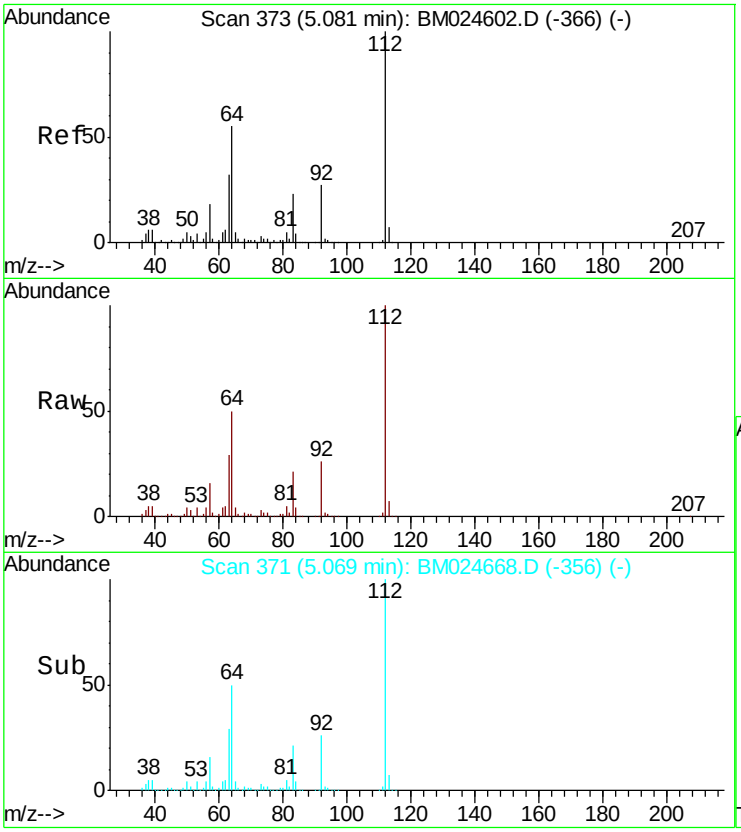


#4
n-Nitrosodimethylamine
Concen: 0.084 ng
RT: 3.35 min Scan# 78
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion: 42 Resp: 377

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.4	152.2#
44	110.4	4.6	6.8#



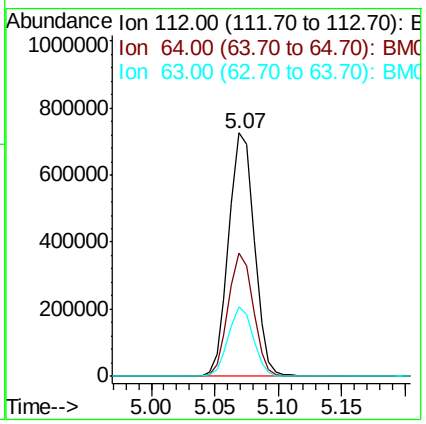


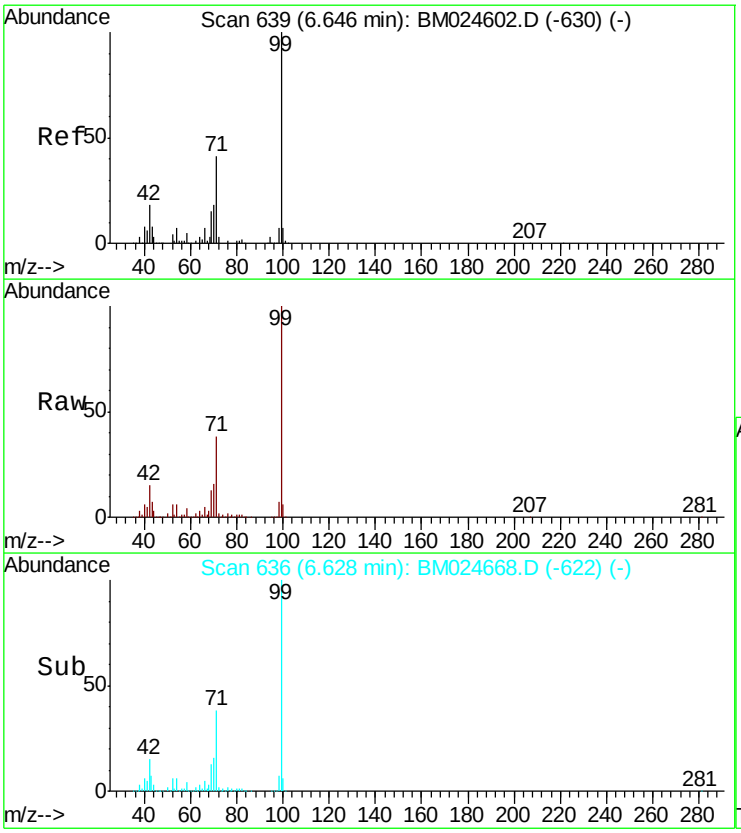
#5
2-Fluorophenol
Concen: 114.810 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 1014256

Ion	Ratio	Lower	Upper
112	100		
64	50.5	44.2	66.4
63	28.6	25.9	38.9

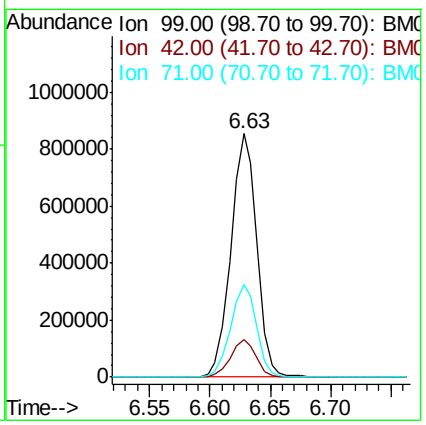


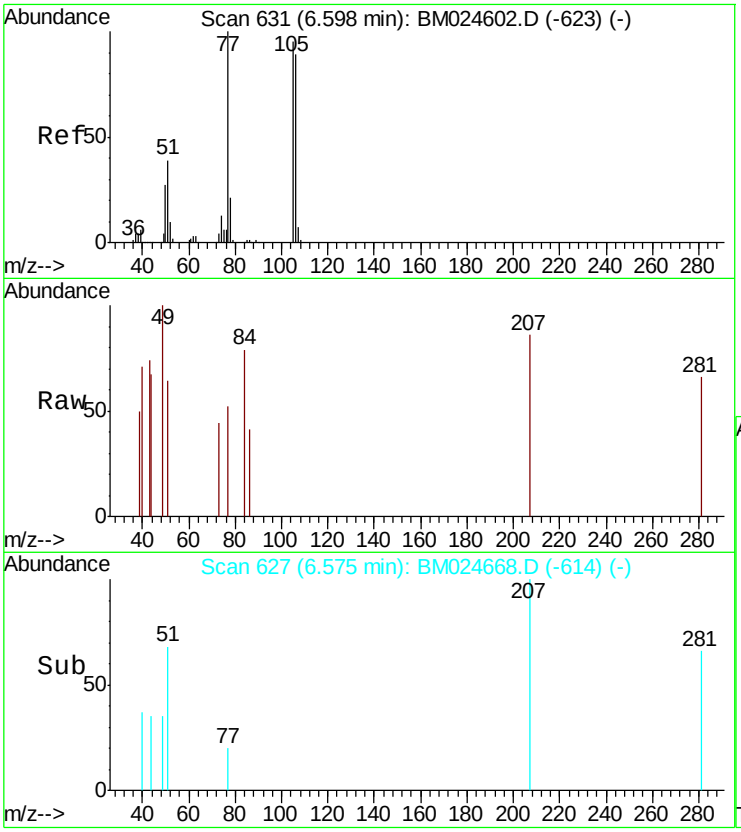


#7
Phenol-d6
Concen: 104.487 ng
RT: 6.63 min Scan# 636
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion: 99 Resp: 1271573

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.1	21.1
71	38.1	33.0	49.6



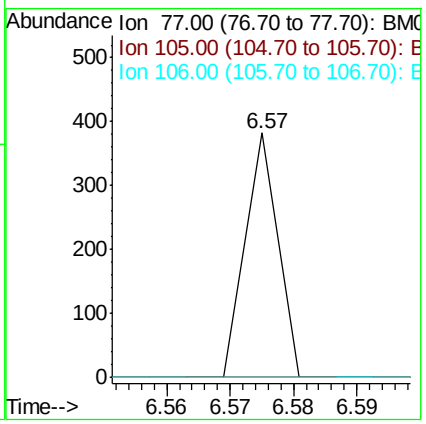


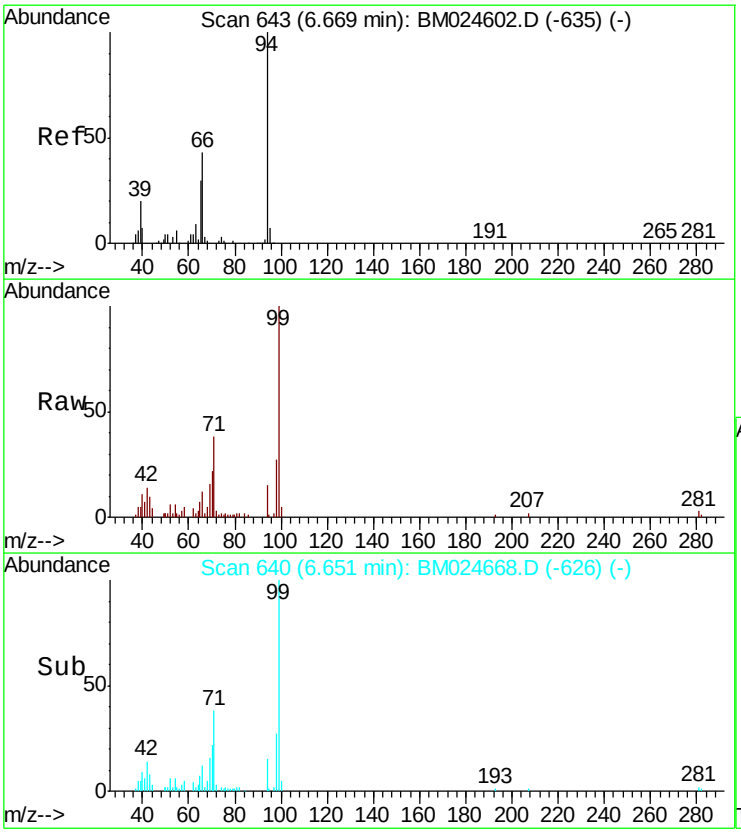
#9
Benzaldehyde
Concen: 0.019 ng
RT: 6.57 min Scan# 627
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 135

Ion	Ratio	Lower	Upper
77	100		
105	0.0	75.2	115.2#
106	0.0	68.6	108.6#

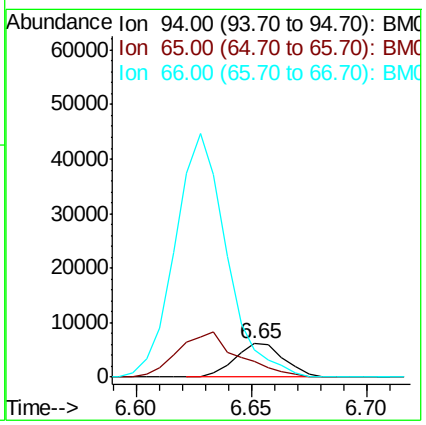


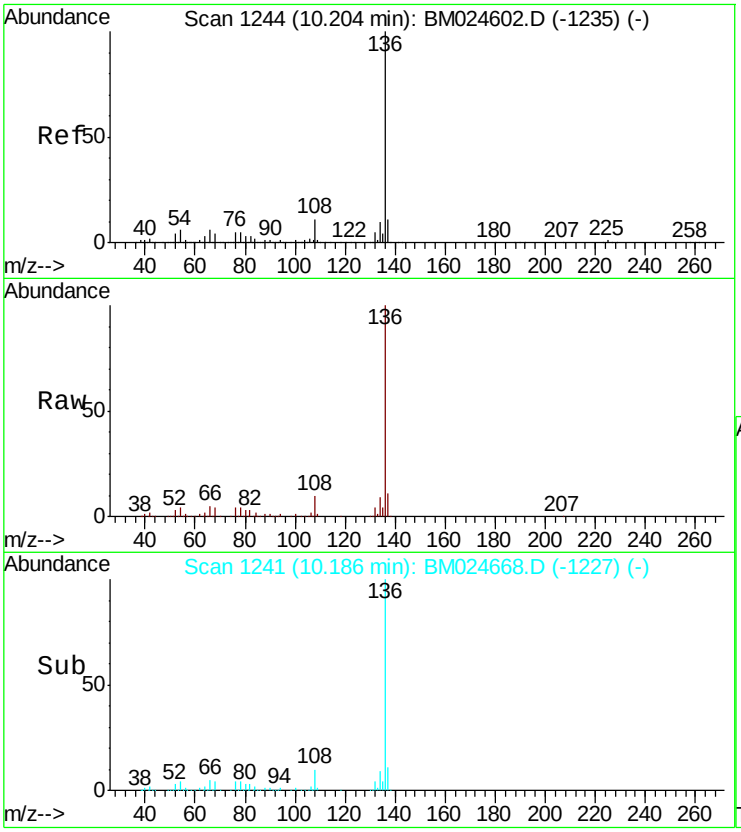


#10
Phenol
Concen: 0.744 ng
RT: 6.65 min Scan# 640
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion: 94 Resp: 9022

Ion	Ratio	Lower	Upper
94	100		
65	46.3	10.3	50.3
66	80.2	24.8	64.8#



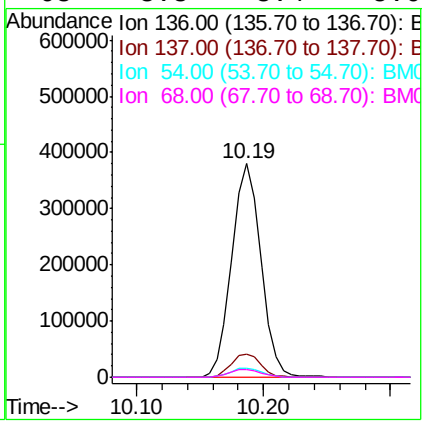


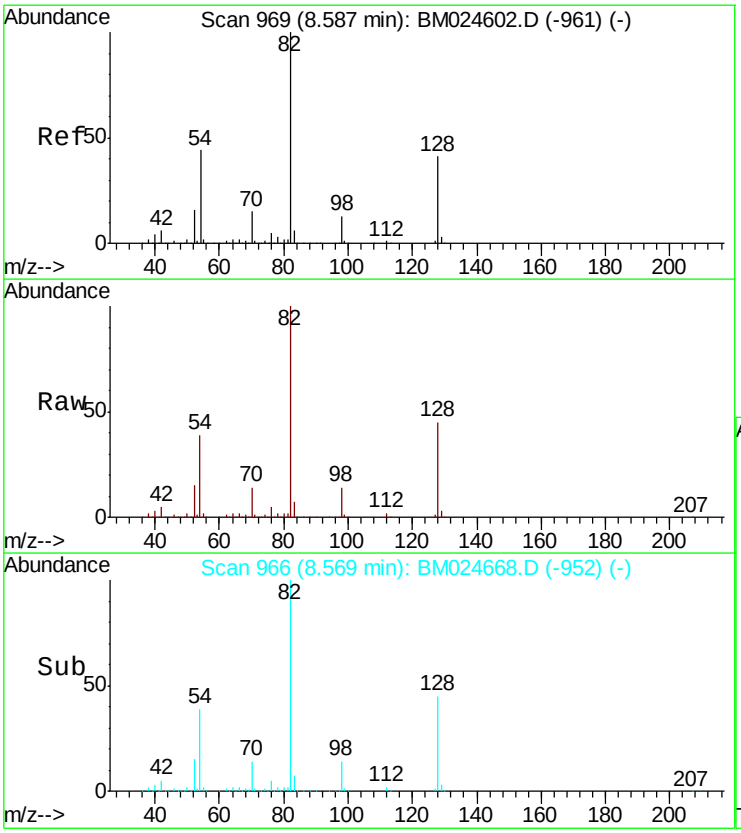
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 605679

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	4.5	4.5	6.7
68	3.8	3.4	5.0

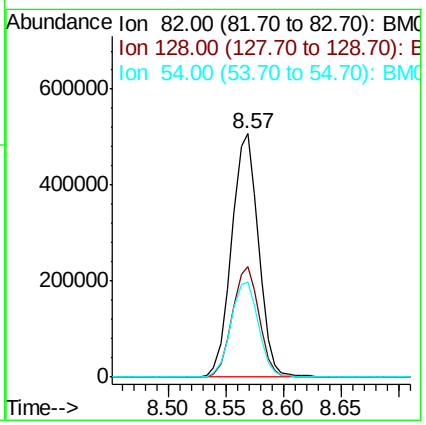


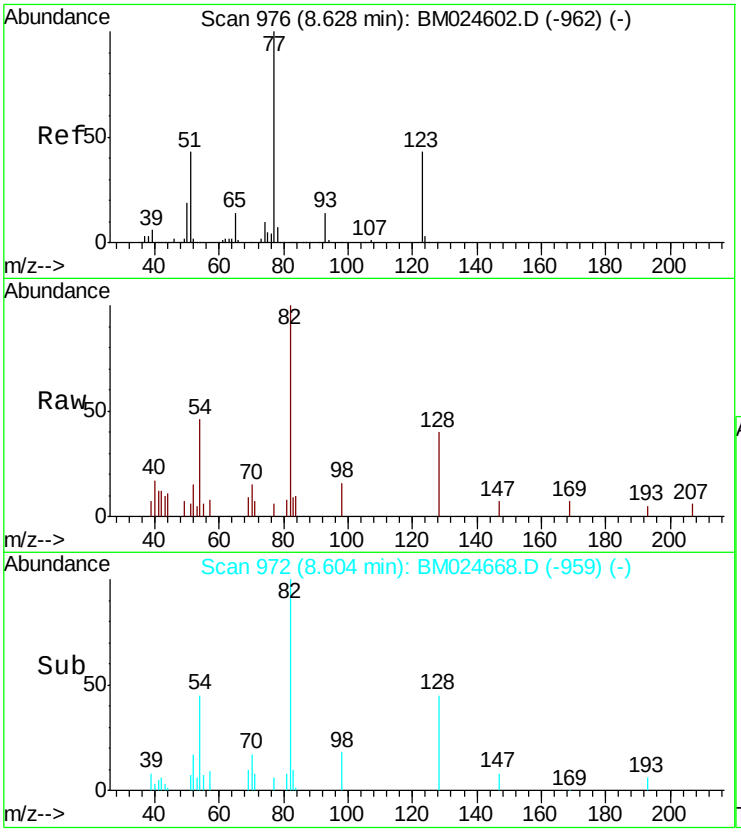


#23
Nitrobenzene-d5
Concen: 66.466 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion: 82 Resp: 820883

Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.6	48.8
54	38.9	34.8	52.2



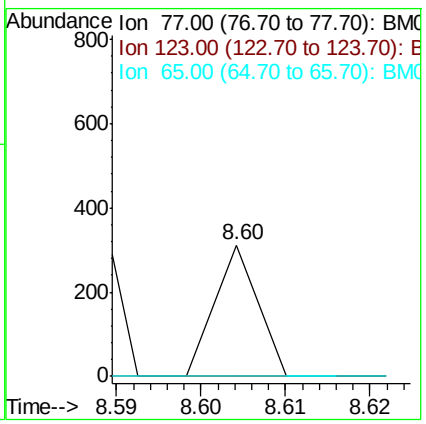


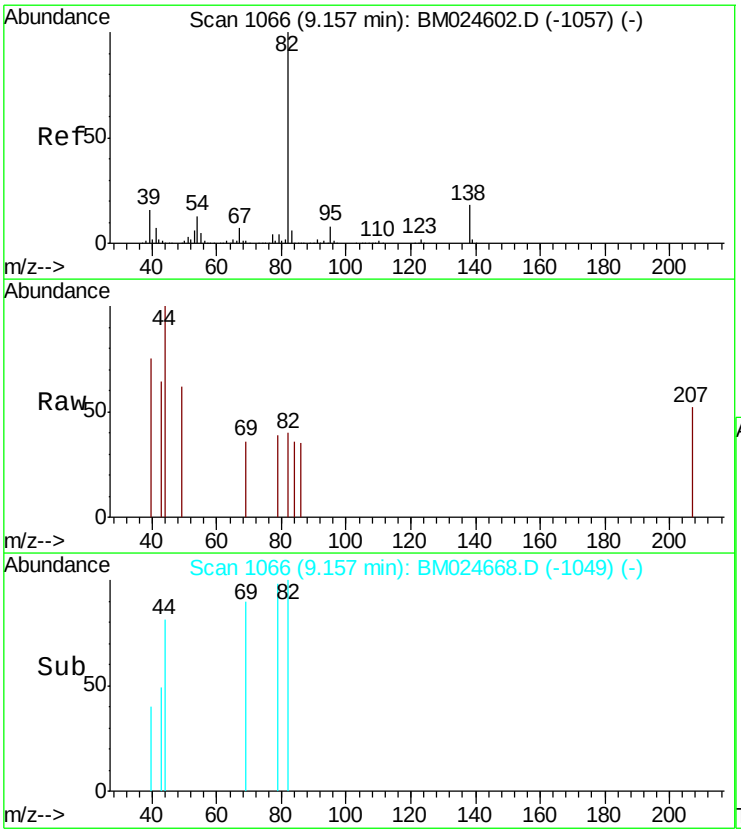
#24
Nitrobenzene
Concen: 0.009 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 110

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.6	52.0#
65	0.0	11.0	16.4#

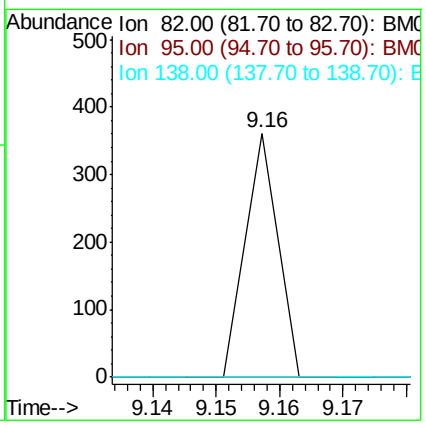


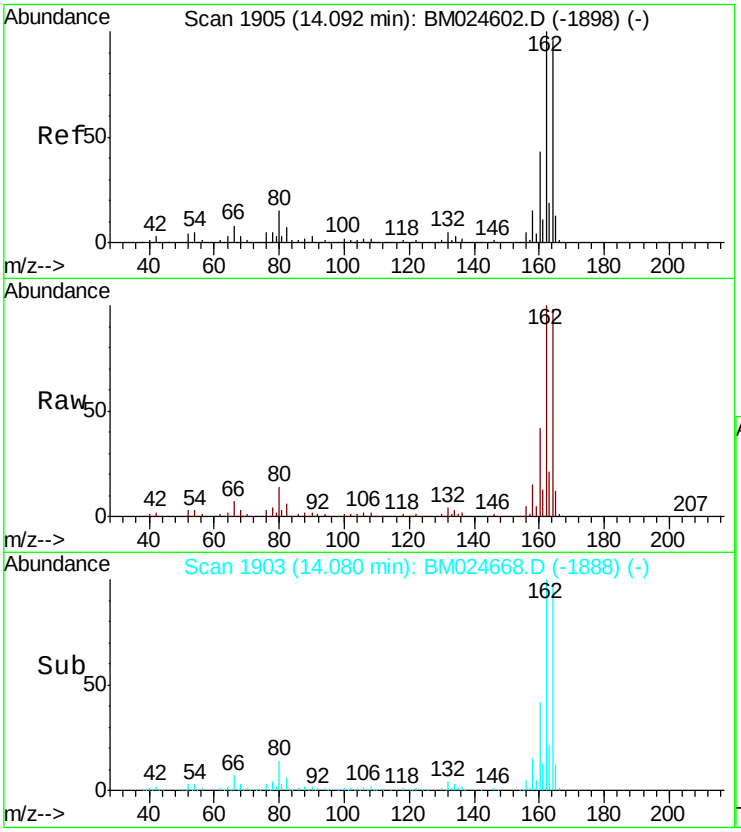


#25
Isophorone
Concen: 0.006 ng
RT: 9.16 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion: 82 Resp: 127

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.7	10.1#
138	0.0	14.7	22.1#



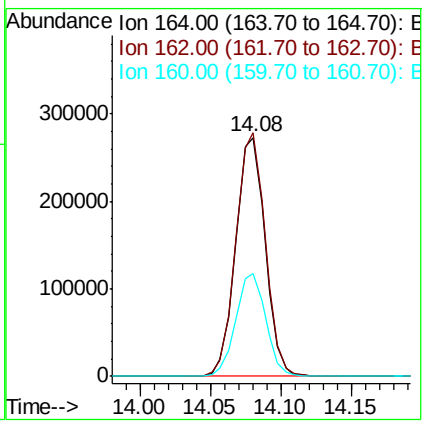


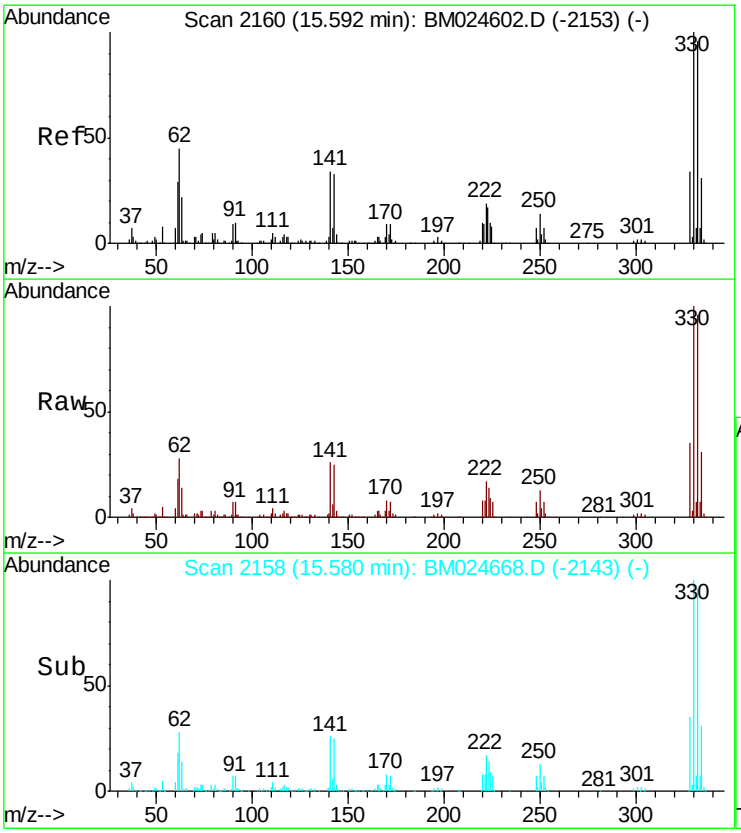
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 398523

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.9	124.3
160	43.2	35.5	53.3

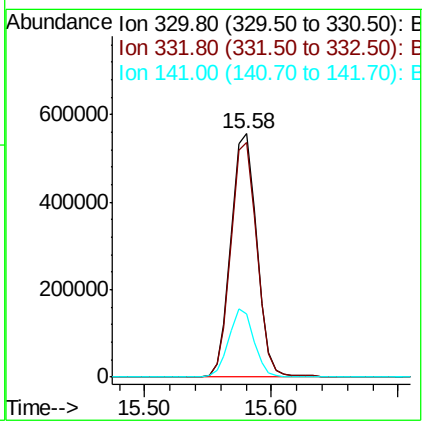


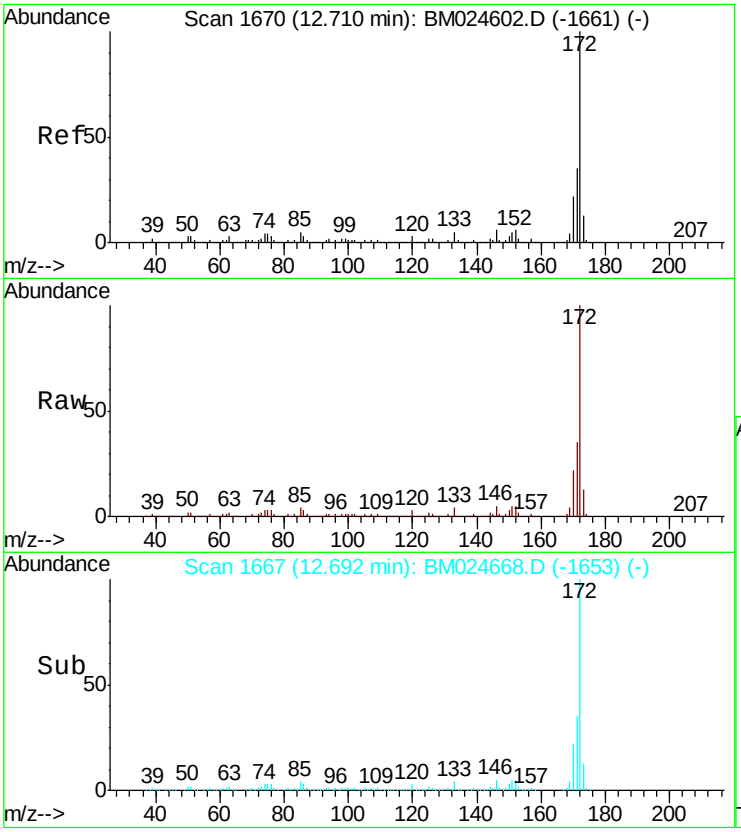


#42
2,4,6-Tribromophenol
Concen: 121.101 ng
RT: 15.58 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:330 Resp: 785043

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	27.4	26.9	40.3



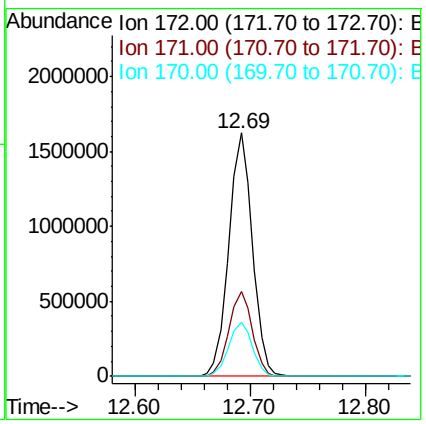


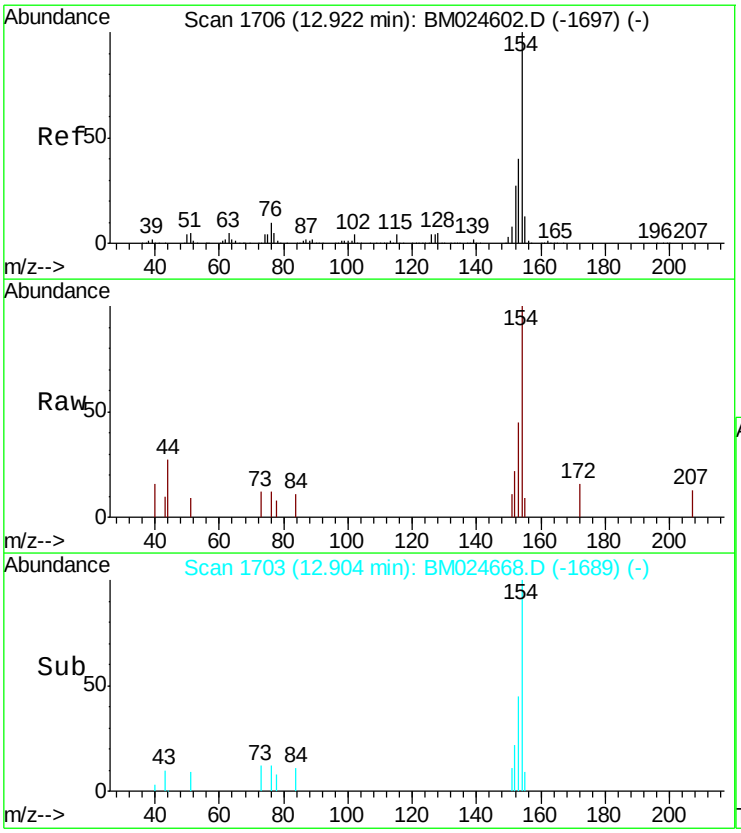
#45
2-Fluorobiphenyl
Concen: 78.301 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 2295299

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	22.3	17.9	26.9

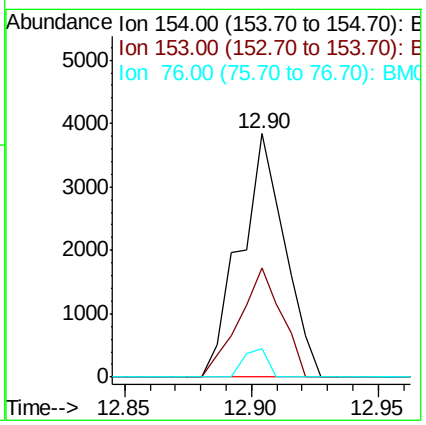


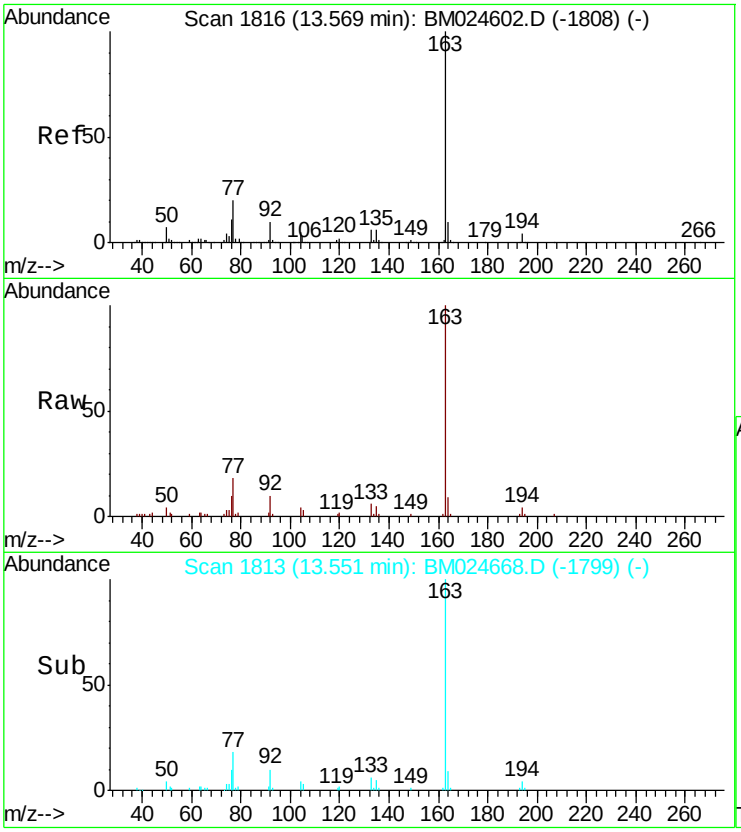


#46
1,1'-Biphenyl
Concen: 0.157 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:154 Resp: 4721

Ion	Ratio	Lower	Upper
154	100		
153	44.9	20.3	60.3
76	11.8	0.0	30.5



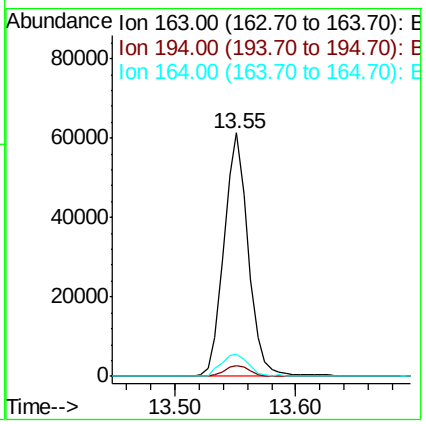


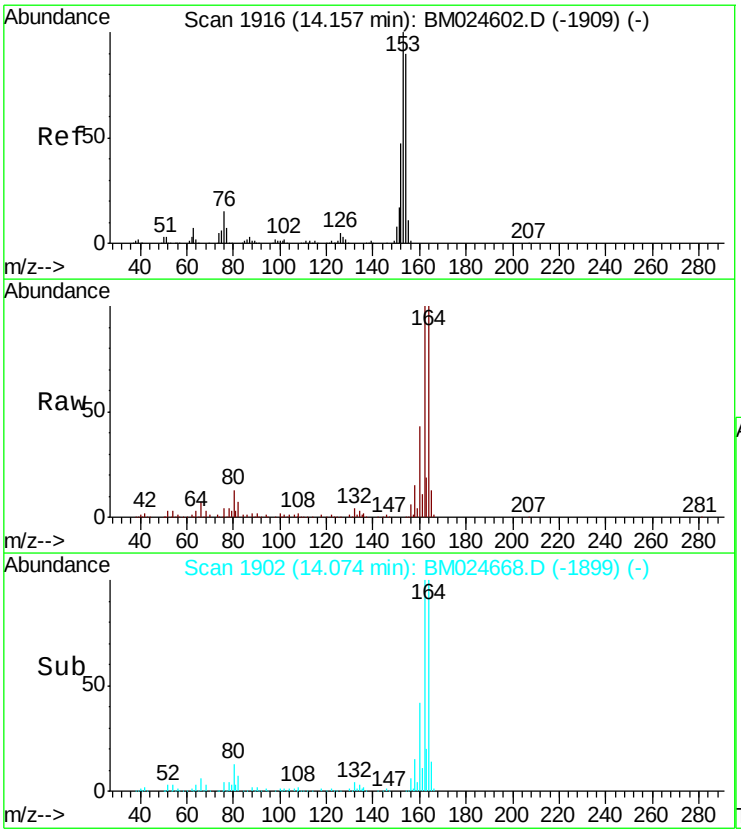
#50
Dimethylphthalate
Concen: 2.662 ng
RT: 13.55 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 85796

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.3	8.0	12.0

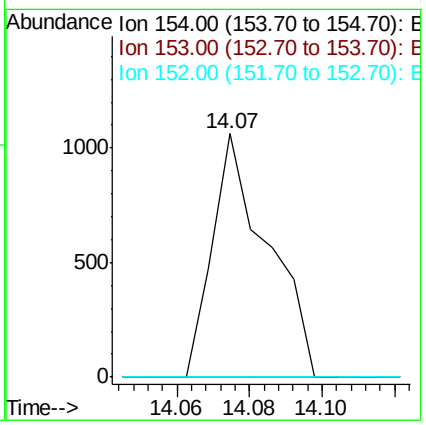


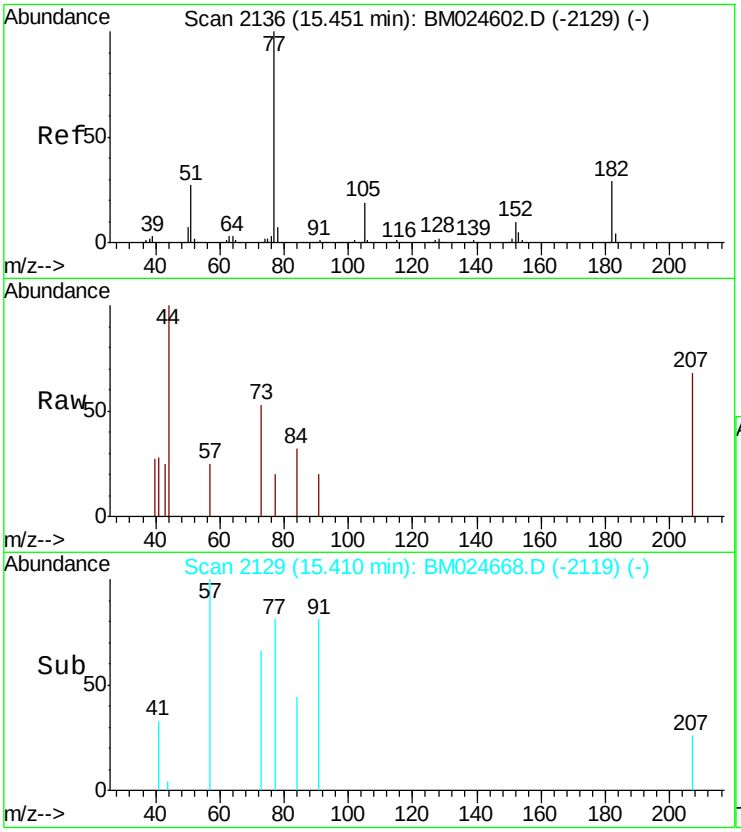


#52
Acenaphthene
Concen: 0.049 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.08 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:154 Resp: 1119

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.1	133.7#
152	0.0	41.9	62.9#



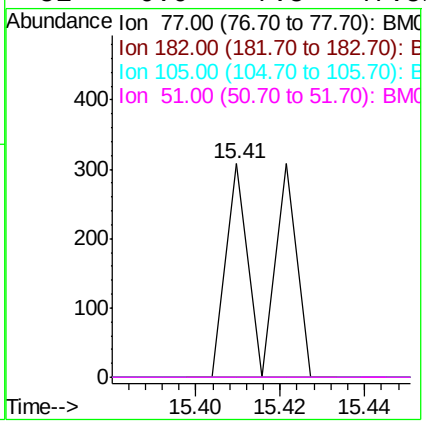


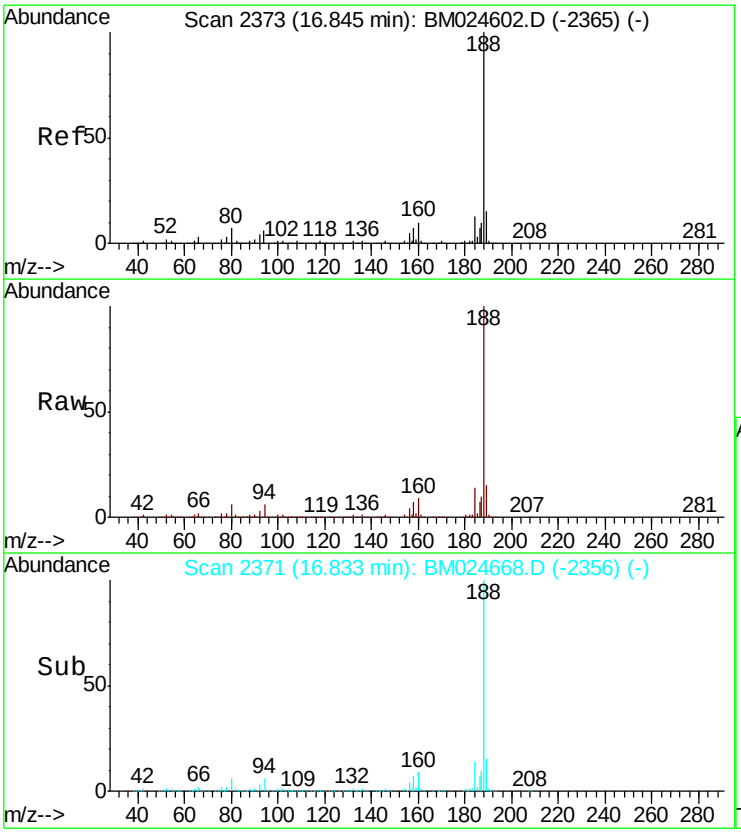
#63
Azobenzene
Concen: 0.008 ng
RT: 15.41 min Scan# 2129
Delta R.T. -0.04 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 217

Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.7	48.7#
105	0.0	0.0	39.2
51	0.0	7.5	47.5#

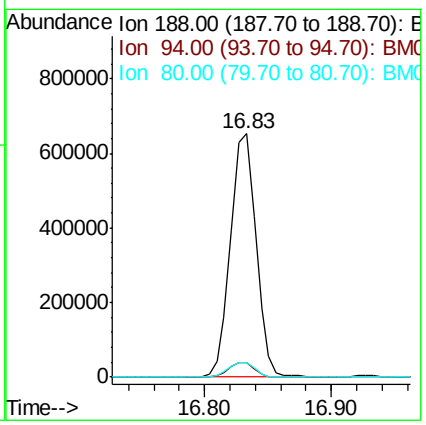


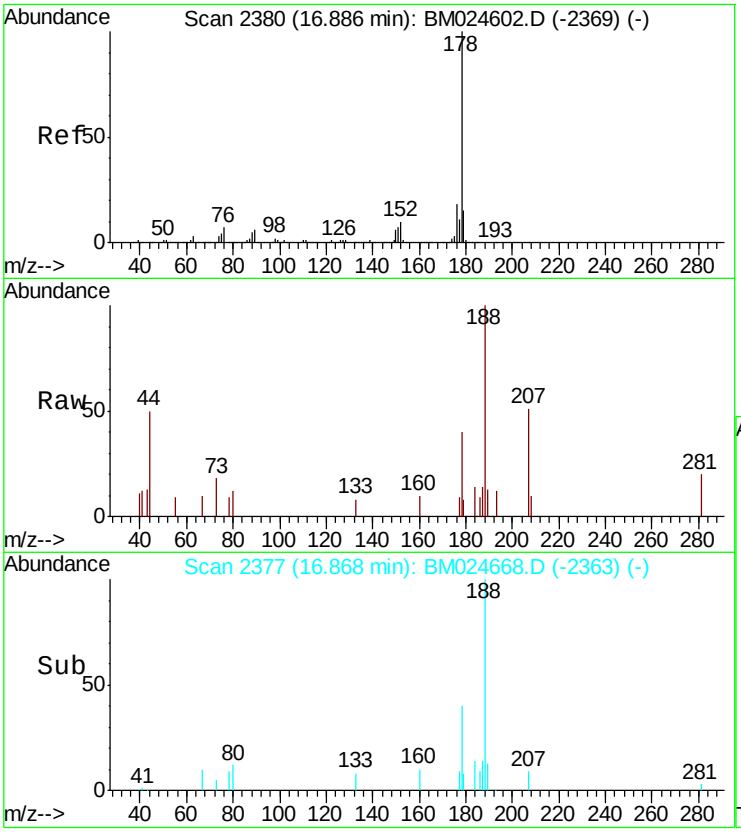


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:188 Resp: 914046

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.0	7.6
80	6.0	5.8	8.8



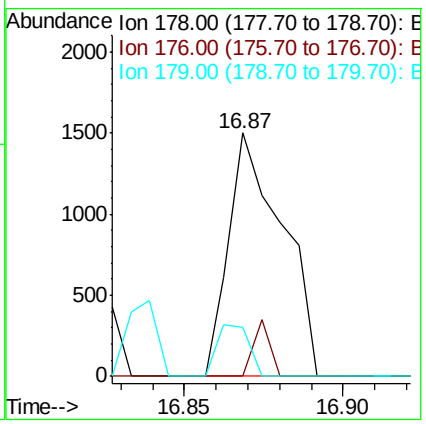


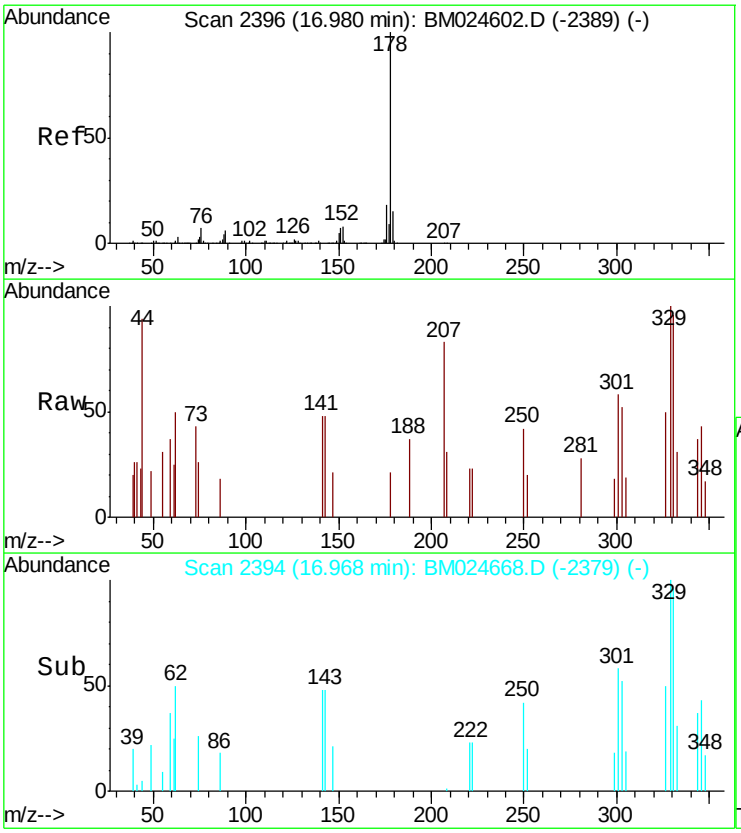
#71
Phenanthrene
Concen: 0.036 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1762

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.5	21.7#
179	20.0	11.9	17.9#

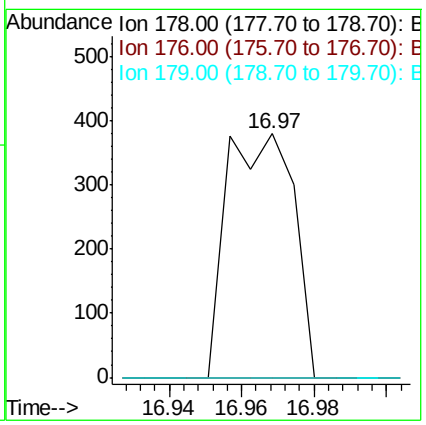


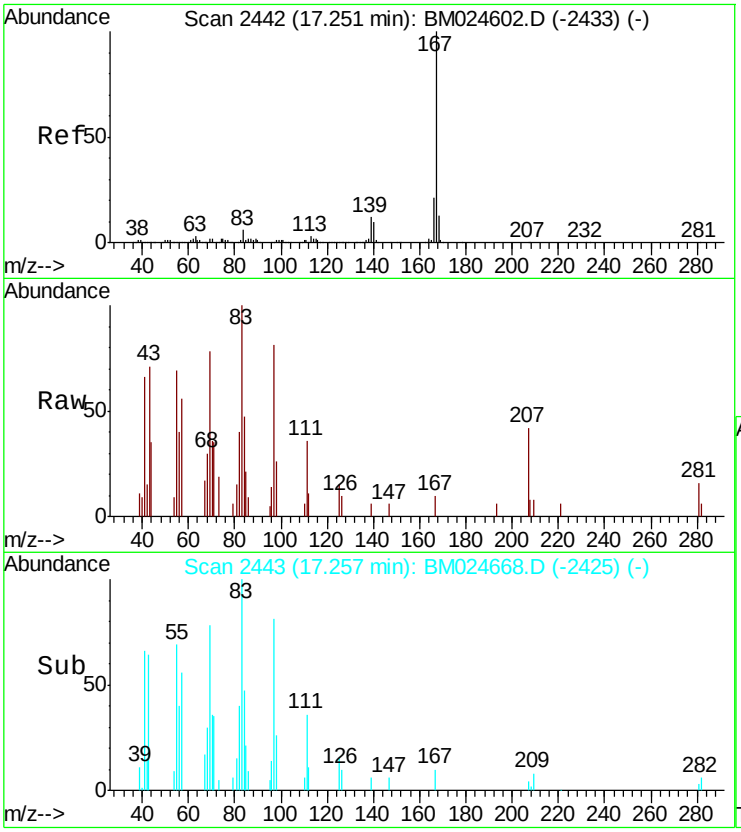


#72
Anthracene
Concen: 0.010 ng
RT: 16.97 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:178 Resp: 488

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.3	21.5#
179	0.0	12.1	18.1#



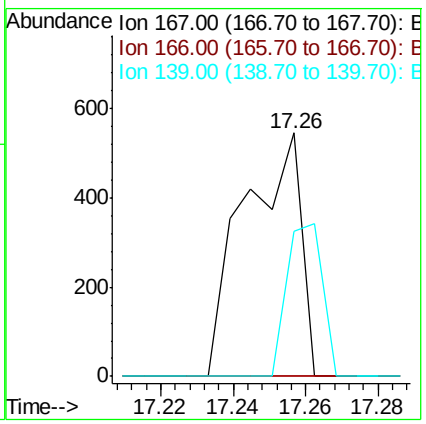


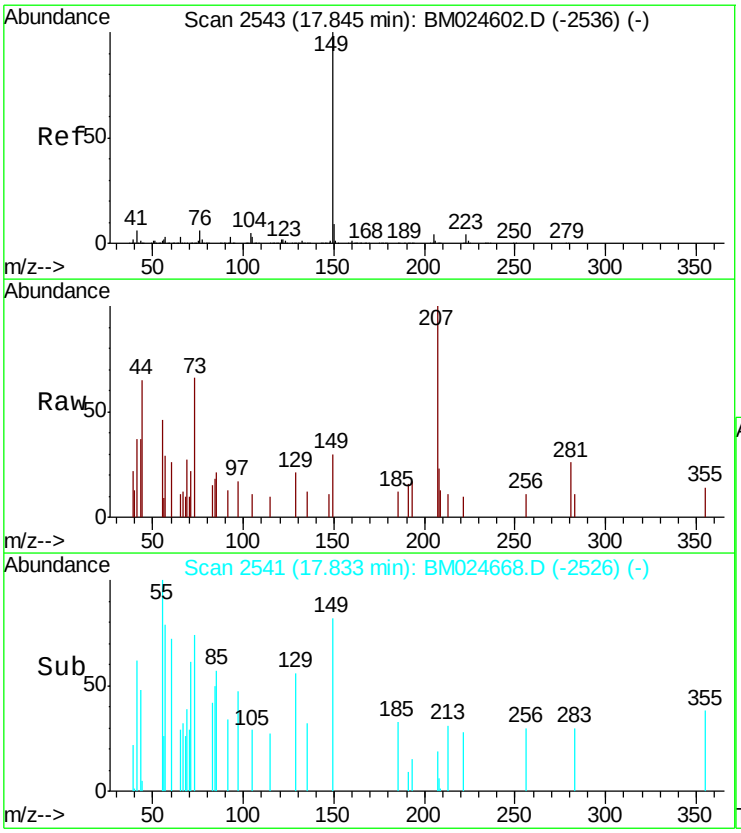
#73
Carbazole
Concen: 0.014 ng
RT: 17.26 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 597

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.1	25.7#
139	59.8	9.8	14.8#

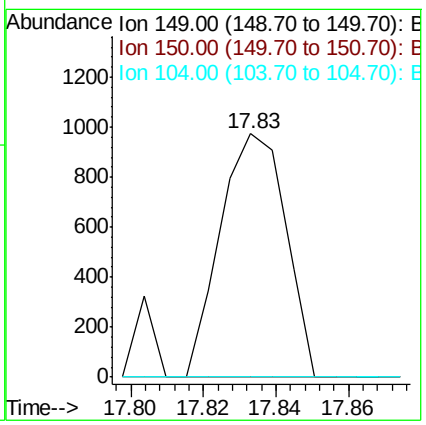


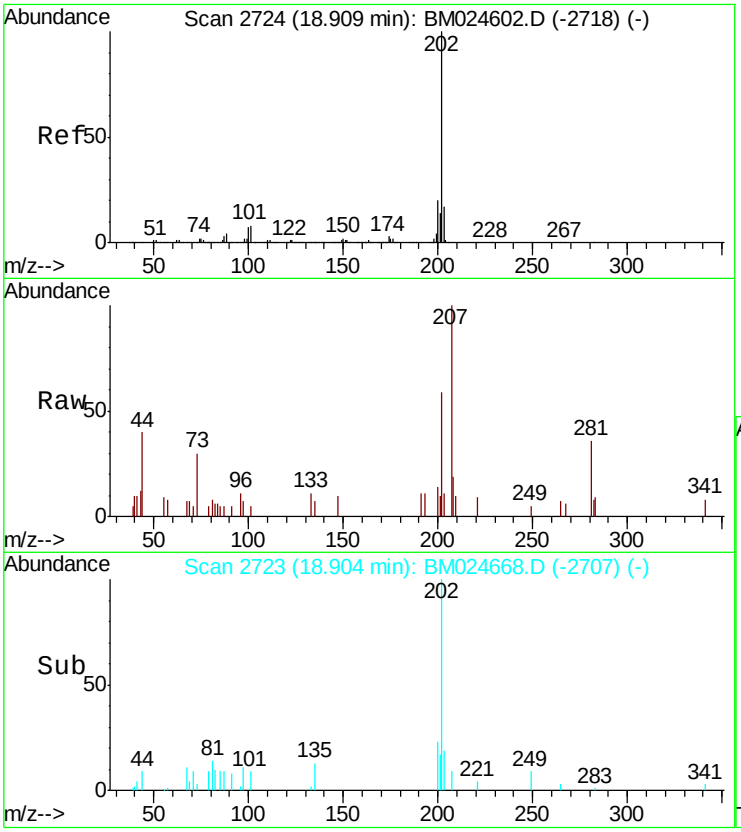


#74
Di-n-butylphthalate
Concen: 0.022 ng
RT: 17.83 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:149 Resp: 1219

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.0#
104	0.0	4.3	6.5#



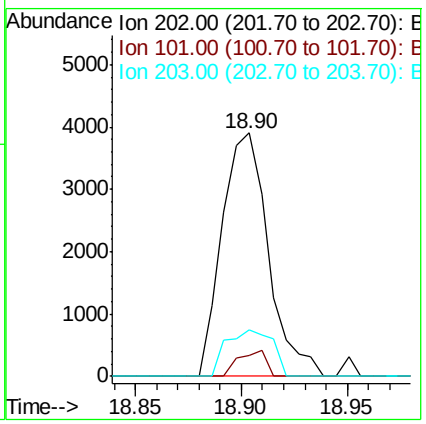


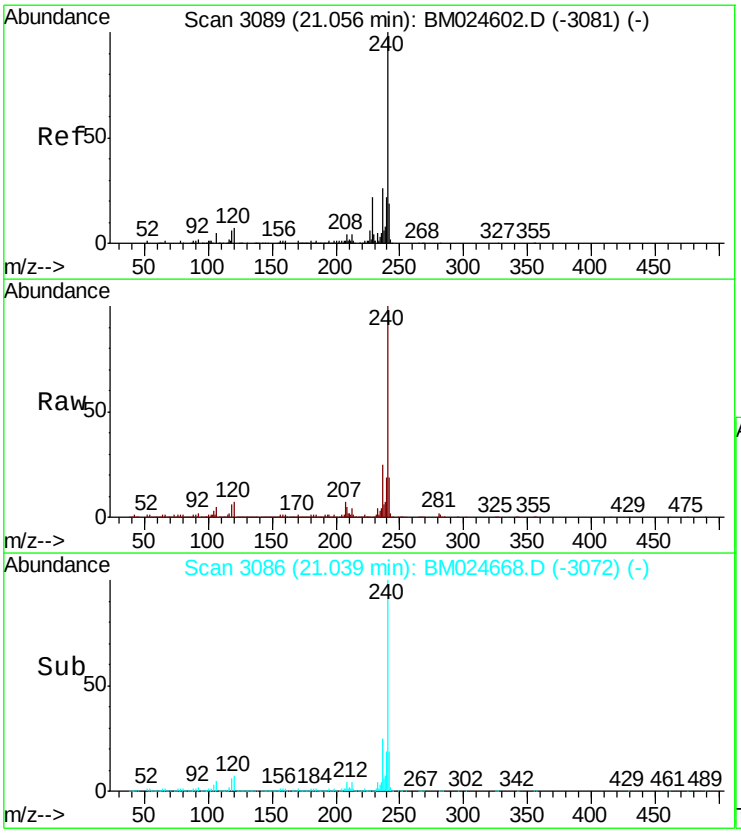
#75
Fluoranthene
Concen: 0.096 ng
RT: 18.90 min Scan# 2723
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 5933

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.4
203	19.1	0.0	37.5

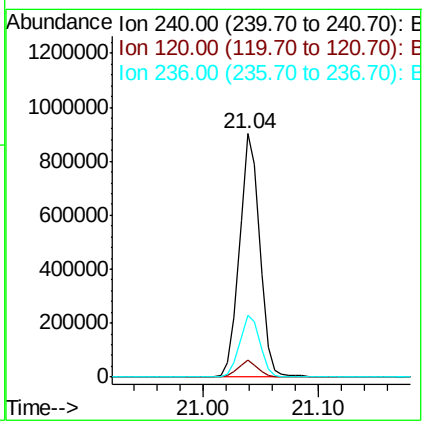


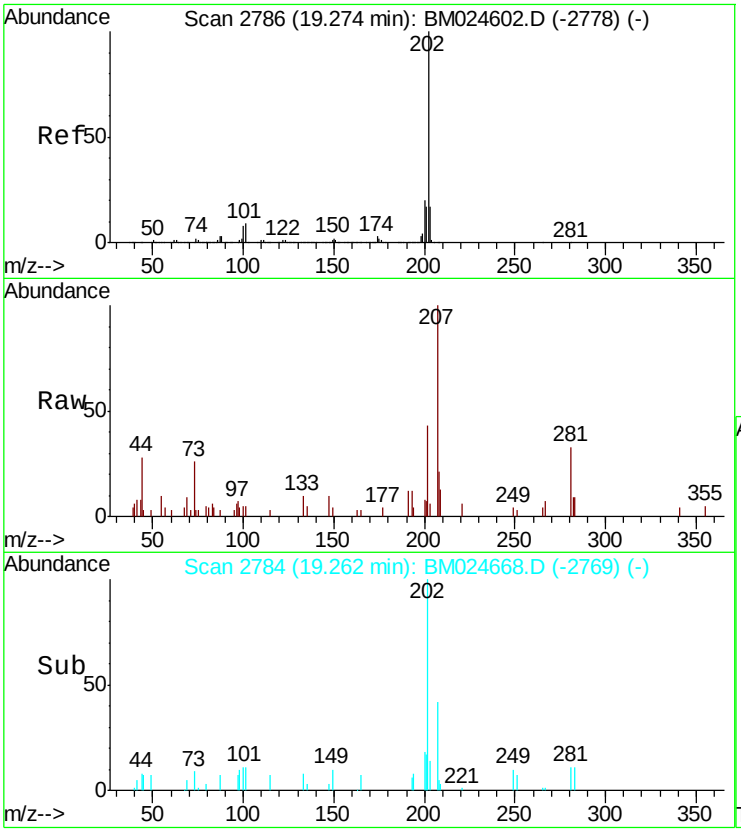


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:240 Resp: 1095495

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	25.3	20.6	31.0



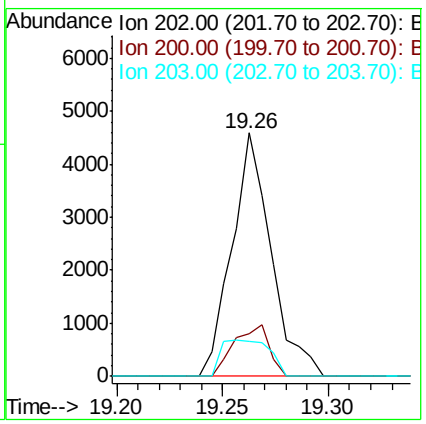


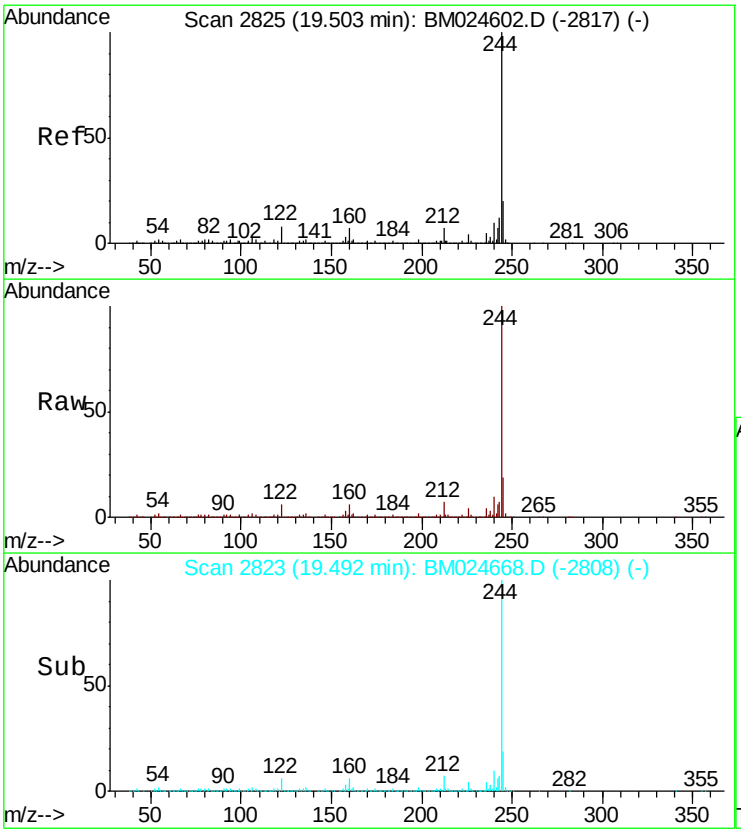
#78
Pyrene
Concen: 0.082 ng
RT: 19.26 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 5897

Ion	Ratio	Lower	Upper
202	100		
200	17.8	16.2	24.2
203	14.3	14.0	21.0

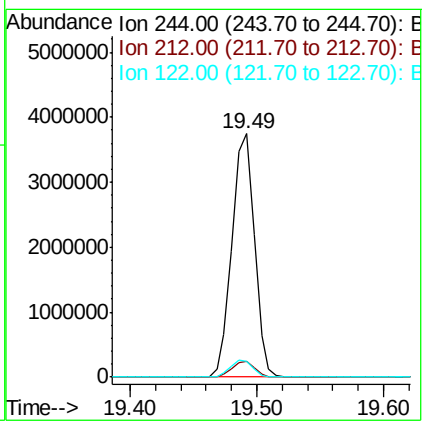


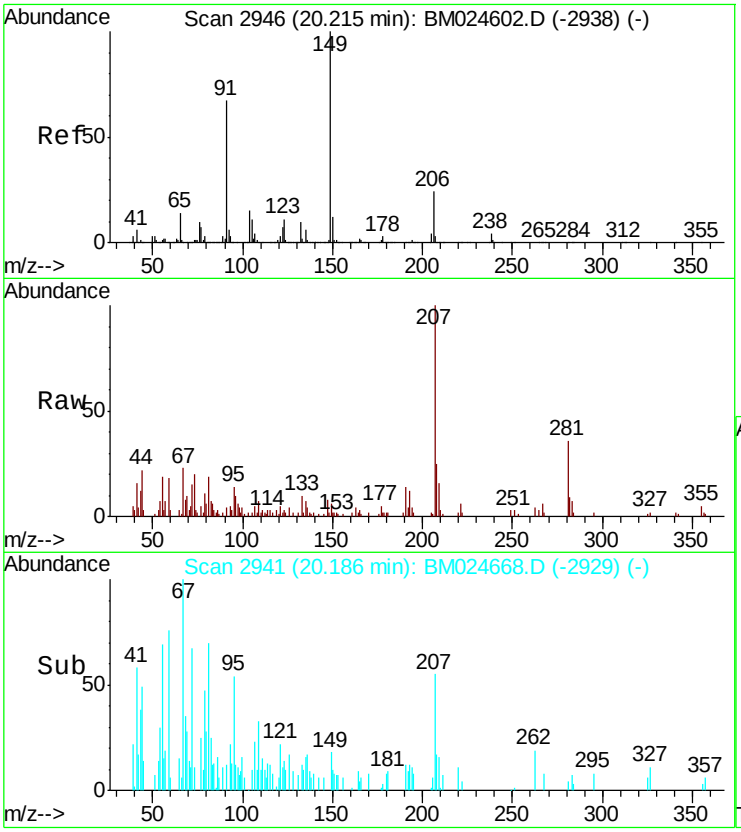


#79
Terphenyl-d14
Concen: 78.254 ng
RT: 19.49 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:244 Resp: 4591936

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	6.5	6.2	9.4



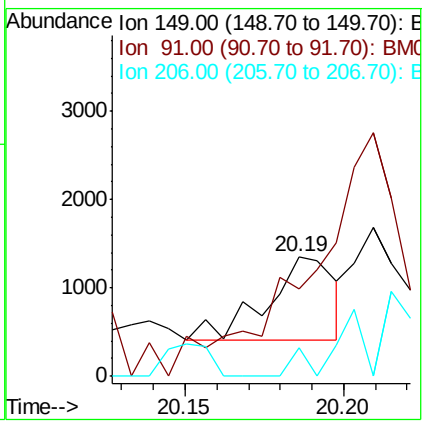


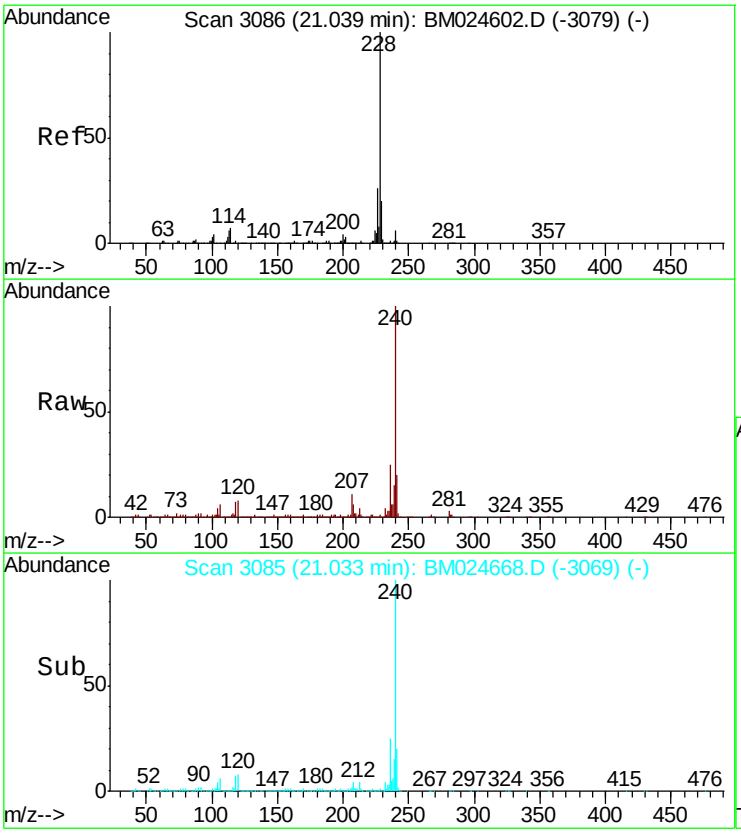
#80
Butylbenzylphthalate
Concen: 0.047 ng
RT: 20.19 min Scan# 2941
Delta R.T. -0.03 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1425

Ion	Ratio	Lower	Upper
149	100		
91	73.3	53.9	80.9
206	24.0	19.0	28.6

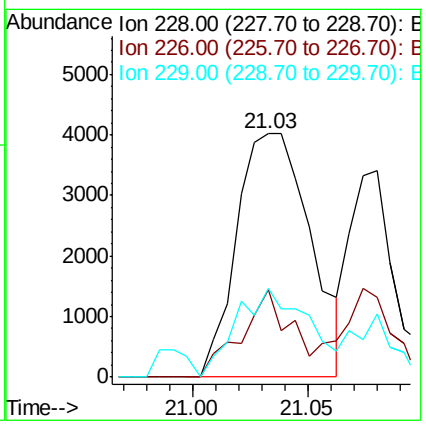


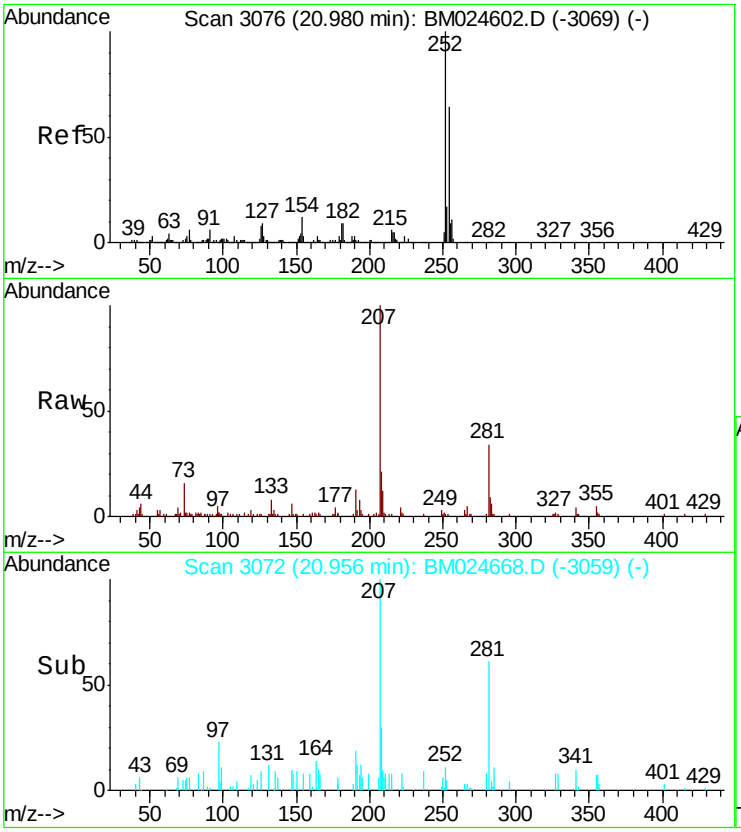


#81
Benzo(a)anthracene
Concen: 0.117 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:228 Resp: 8930

Ion	Ratio	Lower	Upper
228	100		
226	36.1	21.1	31.7#
229	36.3	15.8	23.6#



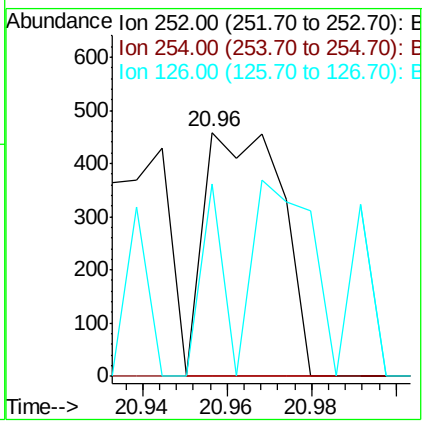


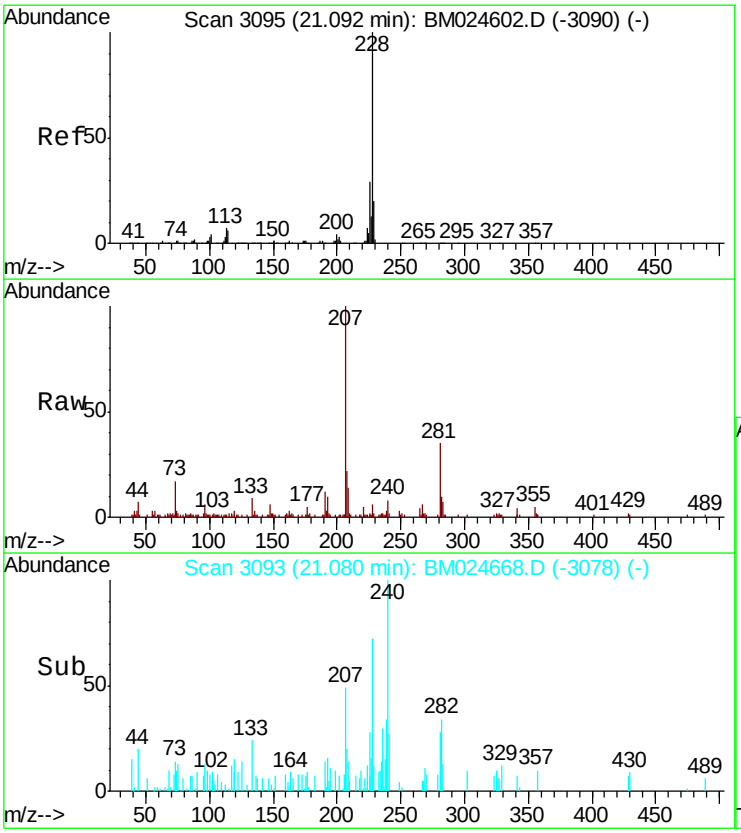
#82
3,3'-Dichlorobenzidine
Concen: 0.021 ng
RT: 20.96 min Scan# 3072
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 585

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.5	77.3#
126	78.8	6.7	10.1#

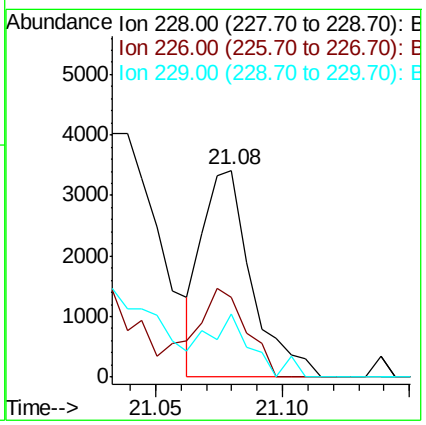


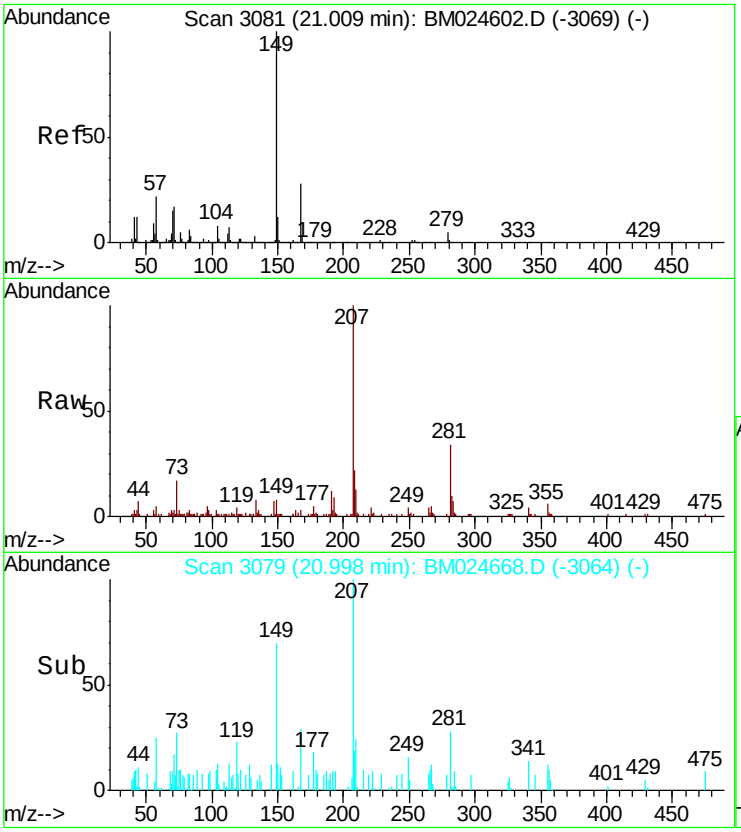


#83
Chrysene
Concen: 0.064 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:228 Resp: 4629

Ion	Ratio	Lower	Upper
228	100		
226	38.4	23.2	34.8#
229	30.4	15.7	23.5#



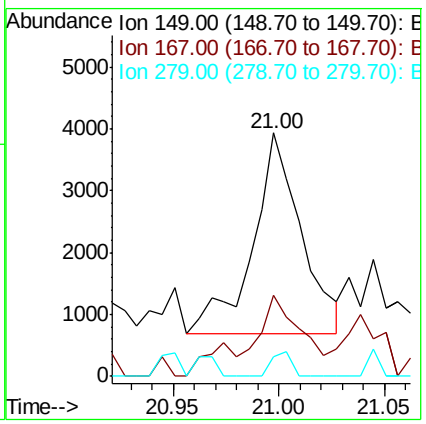


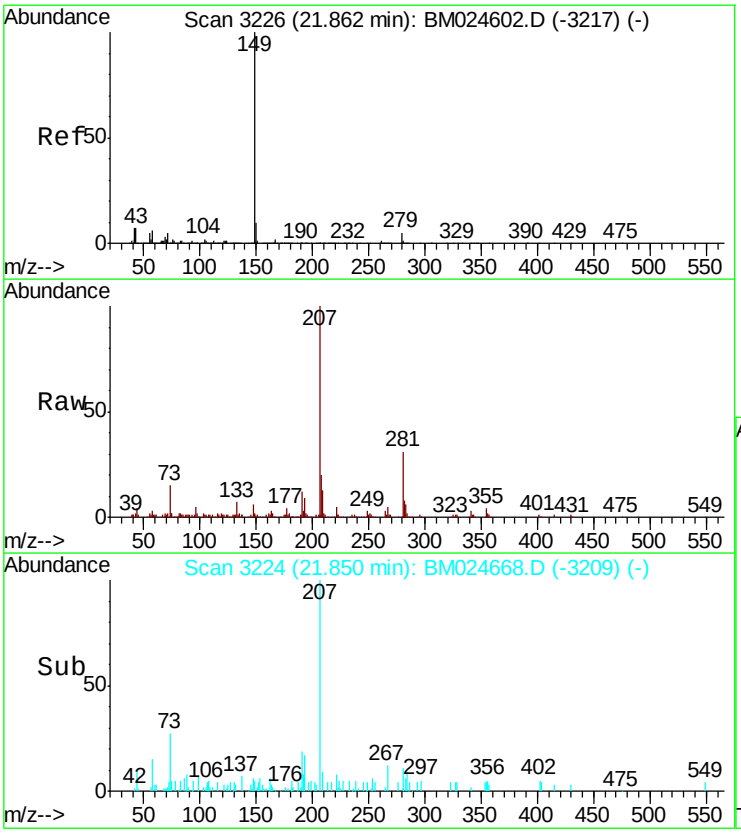
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 5201

Ion	Ratio	Lower	Upper
149	100		
167	33.2	22.5	33.7
279	8.1	4.0	6.0#

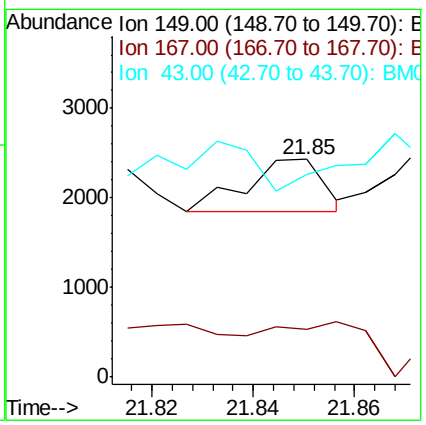


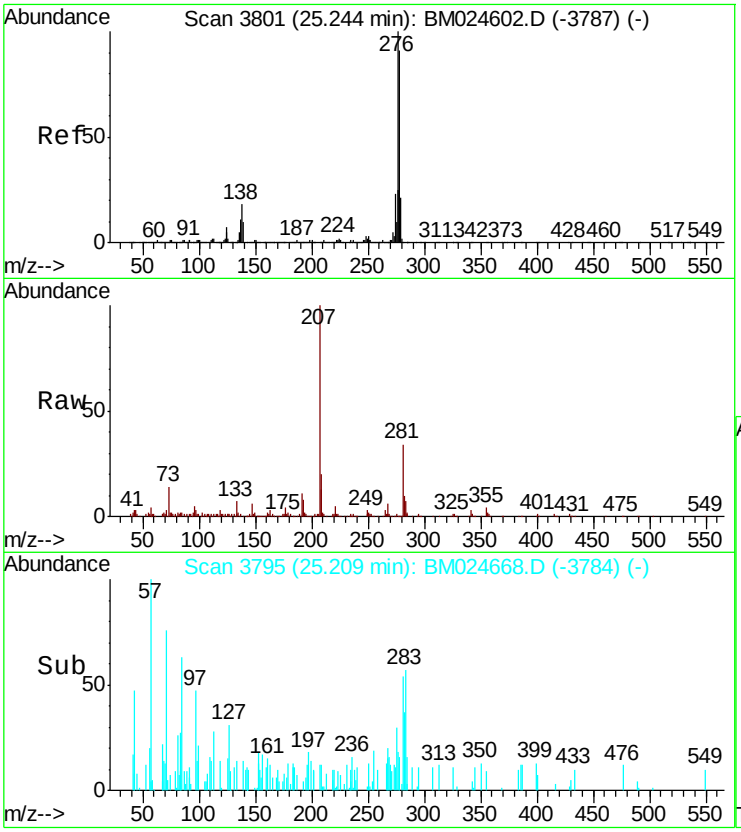


#85
Di-n-octyl phthalate
Concen: 0.009 ng
RT: 21.85 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:149 Resp: 628

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	5.8	8.6#



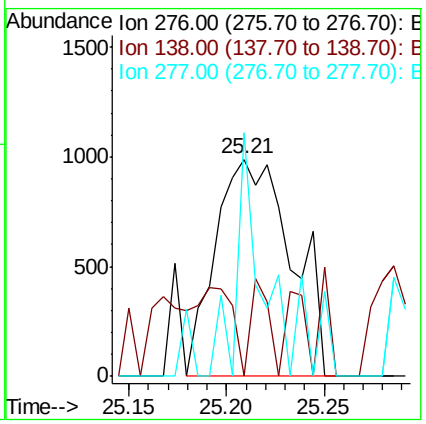


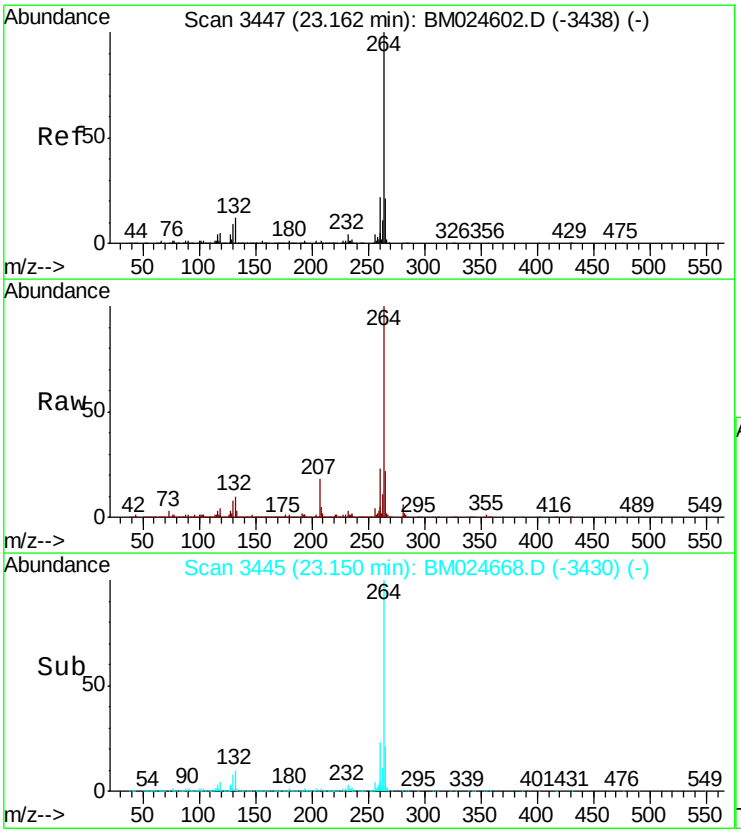
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng
RT: 25.21 min Scan# 3795
Delta R.T. -0.04 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2677

Ion	Ratio	Lower	Upper
276	100		
138	10.3	13.4	20.0#
277	35.2	19.6	29.4#

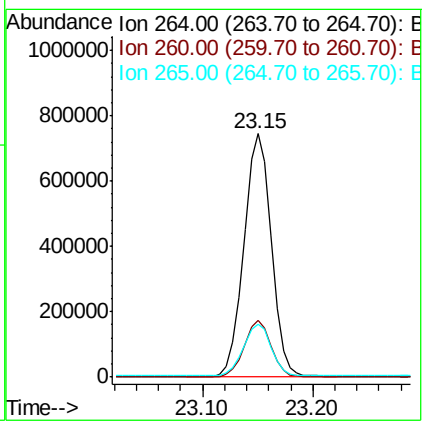


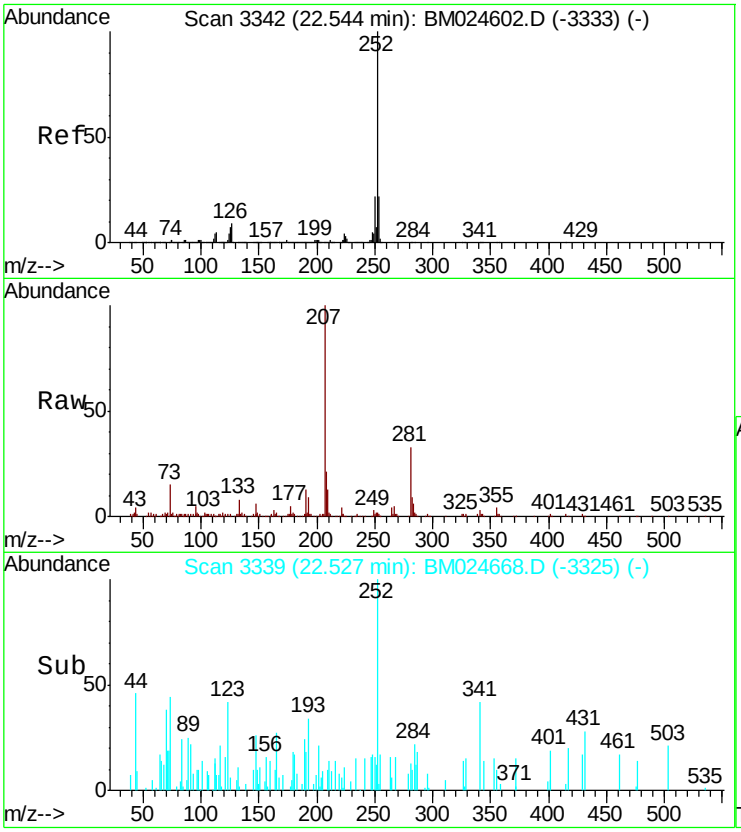


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:264 Resp: 1308557

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	21.9	17.3	25.9



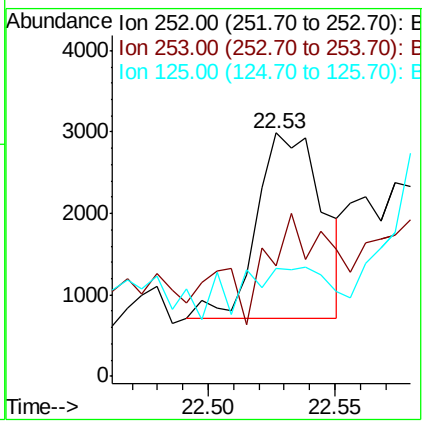


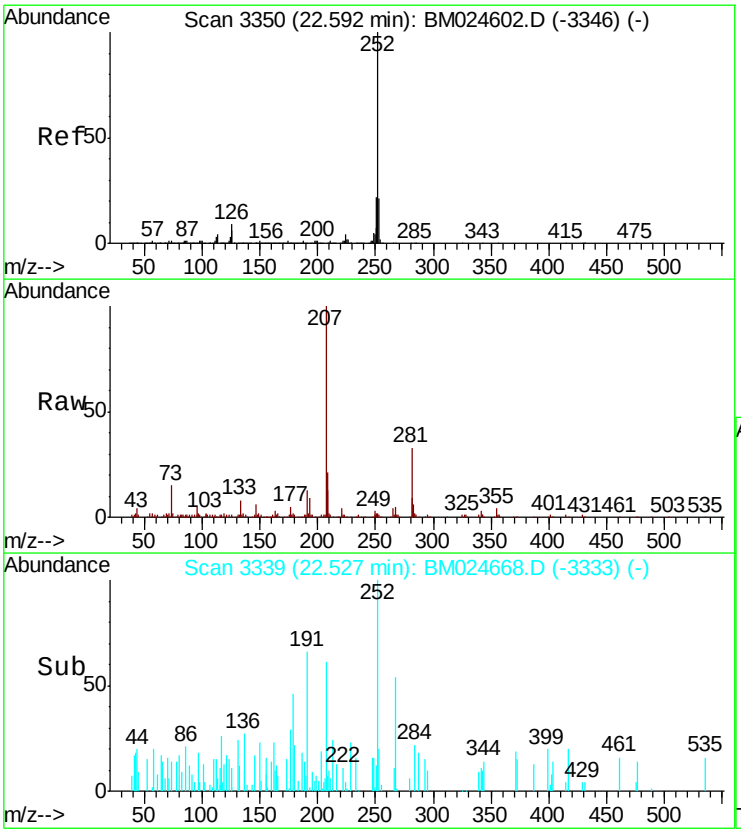
#88
Benzo(b)fluoranthene
Concen: 0.049 ng
RT: 22.53 min Scan# 3339
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4120

Ion	Ratio	Lower	Upper
252	100		
253	45.1	17.6	26.4#
125	60.6	5.7	8.5#

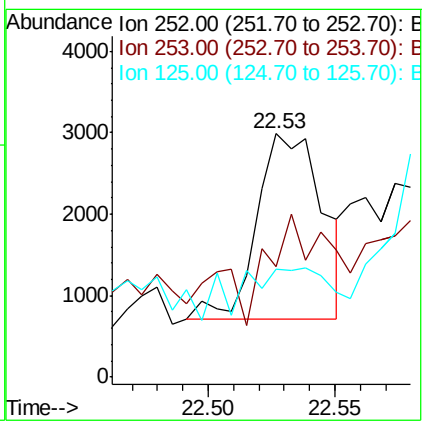


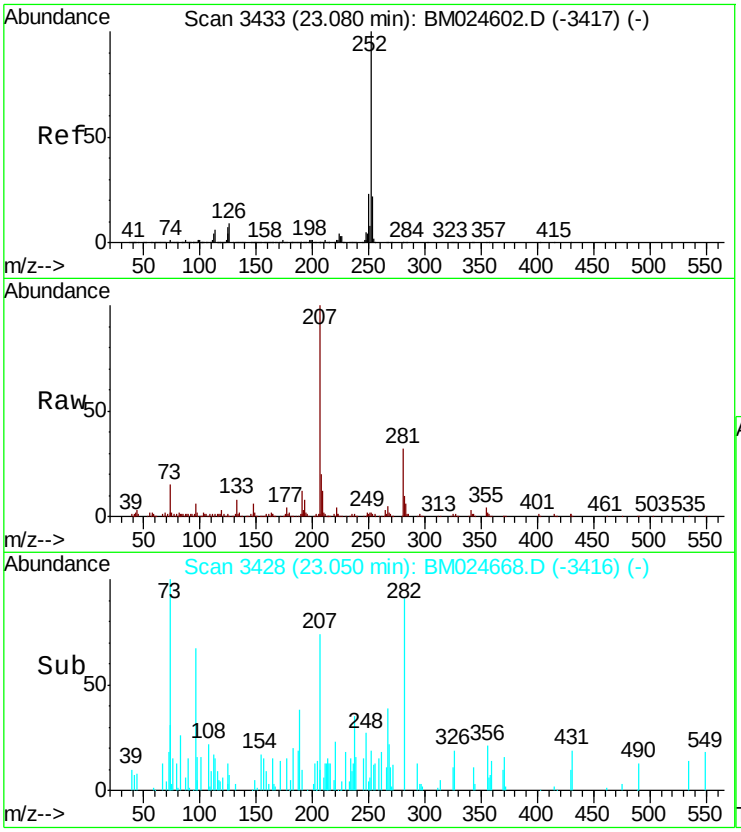


#89
Benzo(k)fluoranthene
Concen: 0.050 ng
RT: 22.53 min Scan# 3339
Delta R.T. -0.06 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:252 Resp: 4120

Ion	Ratio	Lower	Upper
252	100		
253	45.1	17.3	25.9#
125	60.6	5.2	7.8#



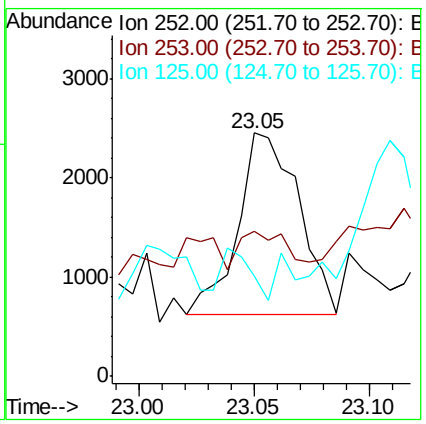


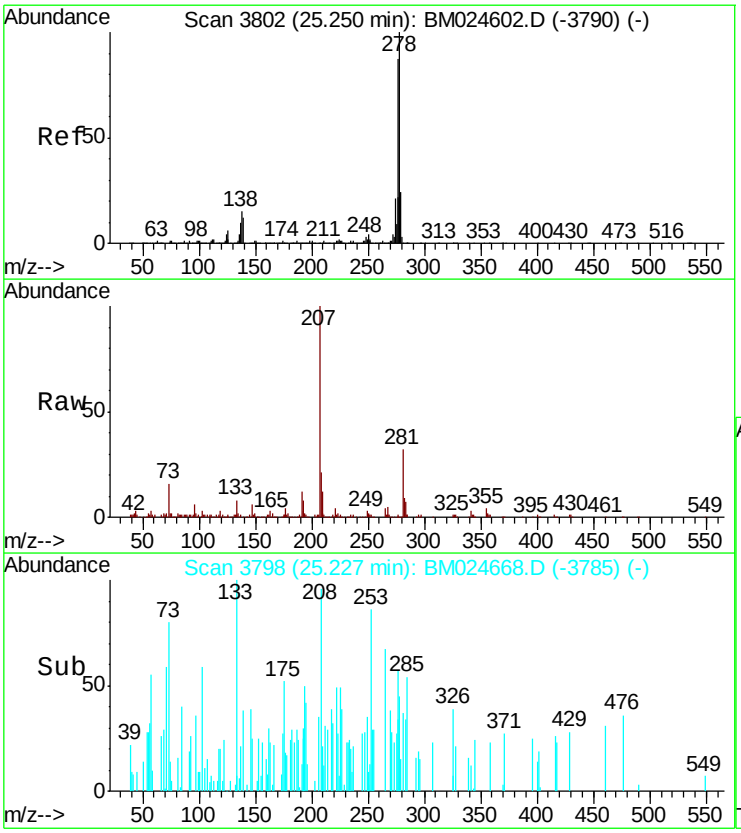
#90
Benzo(a)pyrene
Concen: 0.043 ng
RT: 23.05 min Scan# 3428
Delta R.T. -0.03 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3339

Ion	Ratio	Lower	Upper
252	100		
253	59.4	17.3	25.9#
125	40.9	5.8	8.8#

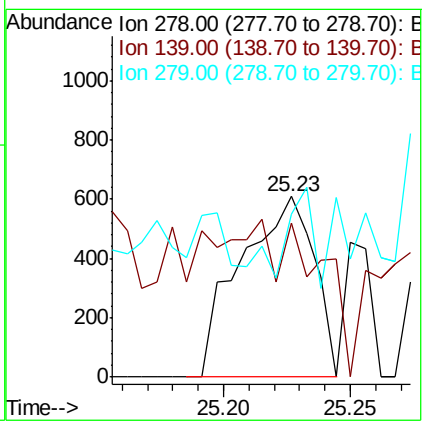


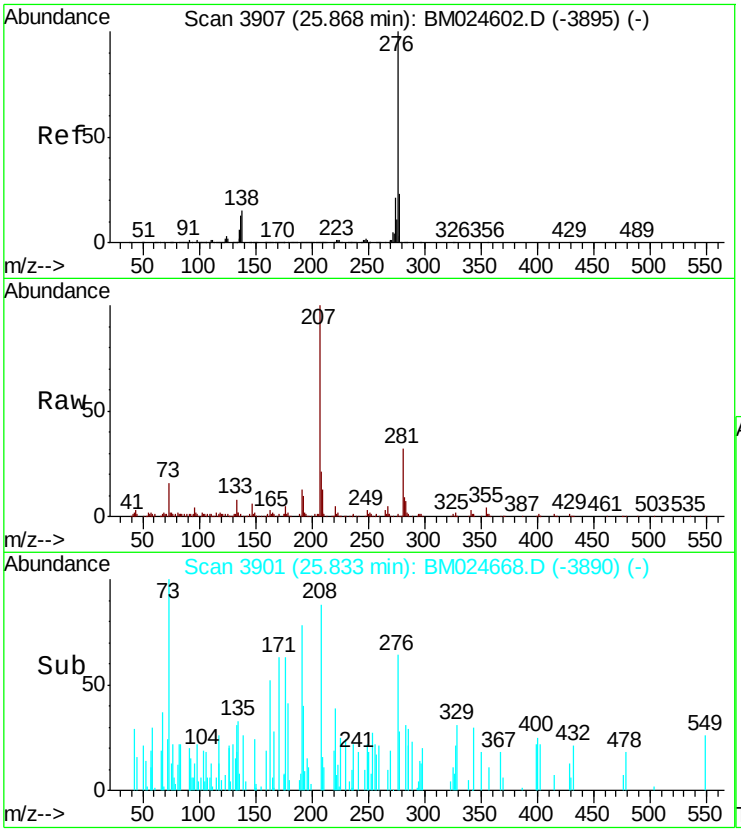


#91
Dibenzo(a,h)anthracene
Concen: 0.017 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Tgt Ion:278 Resp: 1228

Ion	Ratio	Lower	Upper
278	100		
139	84.9	9.3	13.9#
279	90.5	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 0.051 ng
RT: 25.83 min Scan# 3901
Delta R.T. -0.04 min
Lab File: BM024668.D
Acq: 30 Jan 2020 20:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 3414

Ion	Ratio	Lower	Upper
276	100		
277	44.1	18.6	28.0#
138	0.0	11.9	17.9#