Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016493.D
Acq On : 21 Aug 2018 20:53
Operator : SJ/JU
Sample : J4523-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 21 23:23:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	166829	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	549343	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	370047	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	1173793	20.00	ng		0.00
75) Chrysene-d12	21.54	240	1457380	20.00	ng		0.00
86) Perylene-d12	23.83	264	904075	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1293126	151.89	ng		0.00
7) Phenol-d6	7.20	99	1479401	131.32	ng		0.00
23) Nitrobenzene-d5	9.21	82	1429780	118.84	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	2280791	220.49	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	4758684	123.61	ng		0.00
78) Terphenyl-d14	20.00	244	9208373	133.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	206	0.044	ng	#	100
3) Pyridine	3.77	79	308	0.031	ng	#	26
4) n-Nitrosodimethylamine	3.72	42	171	0.039	ng	#	1
6) Aniline	7.37	93	119	0.009	ng	#	25
8) 2-Chlorophenol	7.55	128	349	0.034	ng	#	1
9) Benzaldehyde	7.20	77	7206	0.922	ng	#	7
10) Phenol	7.23	94	238	0.021	ng	#	1
11) bis(2-Chloroethyl)ether	7.39	93	113	0.014	ng	#	23
14) 1,2-Dichlorobenzene	8.33	146	236	0.017	ng	#	1
15) Benzyl Alcohol	8.33	79	31206	2.983	ng	#	40
16) 2,2'-oxybis(1-Chloropropan	8.47	45	116	0.020	ng		66
17) 2-Methylphenol	8.40	107	108	0.013	ng	#	1
18) Hexachloroethane	9.11	117	336	0.053	ng	#	2
24) Nitrobenzene	9.26	77	641	0.053	ng	#	42
25) Isophorone	9.76	82	184	0.011	ng	#	62
31) Naphthalene	10.90	128	216	0.008	ng	#	69
35) Caprolactam	11.85	113	544	0.226	ng	#	10
36) 4-Chloro-3-methylphenol	12.18	107	397	0.041	ng	#	14
45) 1,1'-Biphenyl	13.52	154	4837	0.149	ng		81
47) 2-Nitroaniline	13.80	65	121	0.017	ng	#	1
51) Acenaphthene	14.67	154	2279	0.100	ng	#	5
59) Diethylphthalate	15.48	149	4682	0.126	ng	#	67
61) 4-Nitroaniline	15.74	138	138	0.022	ng	#	28
62) Azobenzene	16.00	77	760	0.019	ng	#	49
65) n-Nitrosodiphenylamine	15.96	169	108	0.003	ng	#	1
70) Phenanthrene	17.45	178	1164	0.019	ng	#	60
72) Carbazole	17.87	167	329	0.006	ng	#	59
73) Di-n-butylphthalate	18.34	149	3913	0.059	ng	#	87
74) Fluoranthene	19.47	202	238	0.003	ng		66
77) Pyrene	19.83	202	285	0.004	ng	#	57
79) Butylbenzylphthalate	20.67	149	3006	0.110	ng	#	53
80) Benzo(a)anthracene	21.54	228	5630	0.066	ng	#	80
81) 3,3'-Dichlorobenzidine	21.47	252	1456	0.038	ng	#	59
82) Chrysene	21.59	228	590	0.007	ng	#	50

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016493.D
Acq On : 21 Aug 2018 20:53
Operator : SJ/JU
Sample : J4523-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 21 23:23:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) Bis(2-ethylhexyl)phthalate	21.42	149	1442	0.035	ng	#	68
84) Di-n-octyl phthalate	22.29	149	1075	0.016	ng	#	8
87) Benzo(b)fluoranthene	23.16	252	1171	0.022	ng	#	1
88) Benzo(k)fluoranthene	23.20	252	1285	0.024	ng	#	1
89) Benzo(a)pyrene	23.74	252	1587	0.031	ng	#	1
90) Dibenzo(a,h)anthracene	26.13	278	132	0.002	ng	#	1
91) Benzo(g,h,i)perylene	26.90	276	211	0.004	ng	#	52

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016493.D
Acq On : 21 Aug 2018 20:53
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Sample : J4523-03
Misc :
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Instrument :
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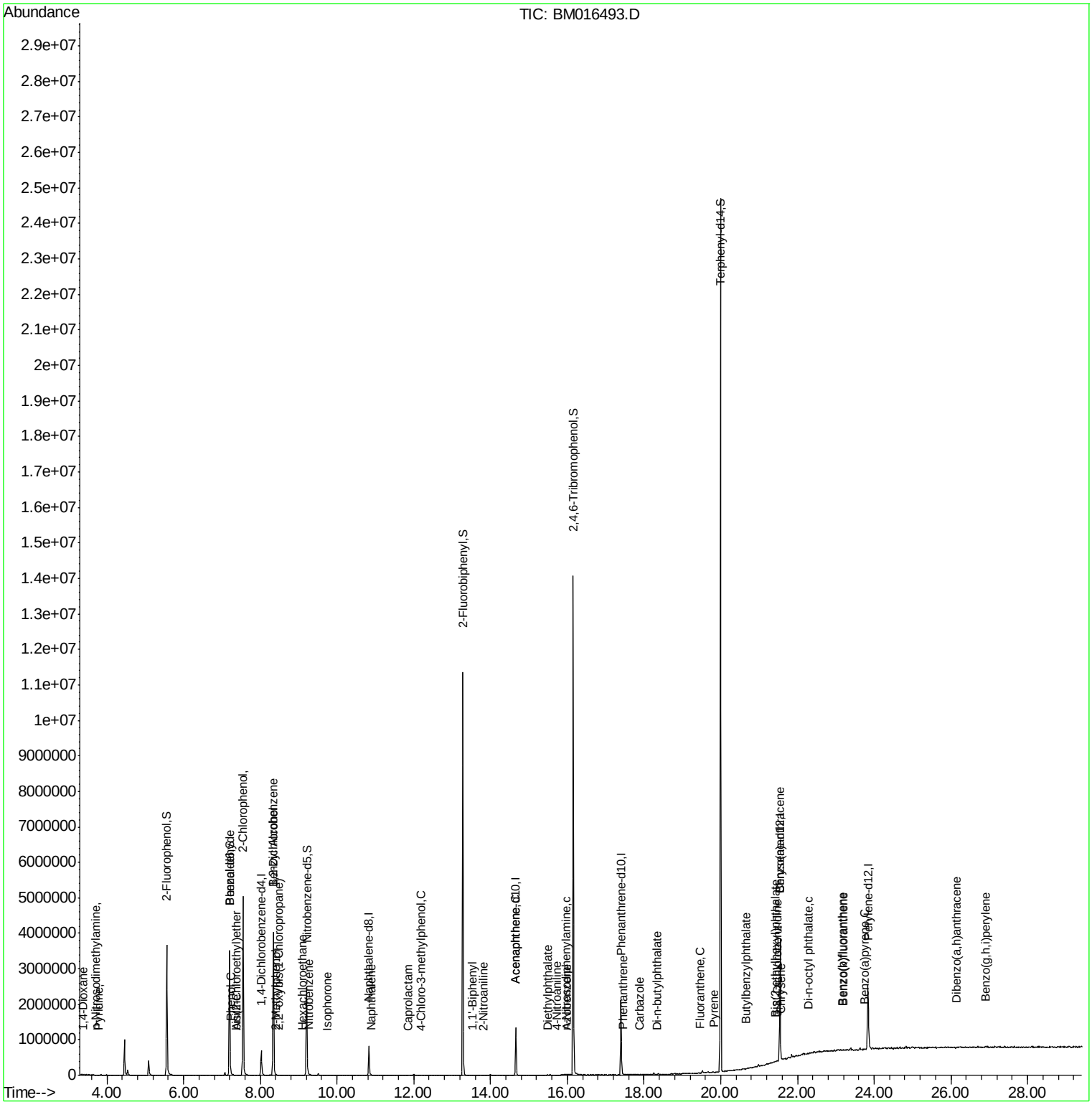
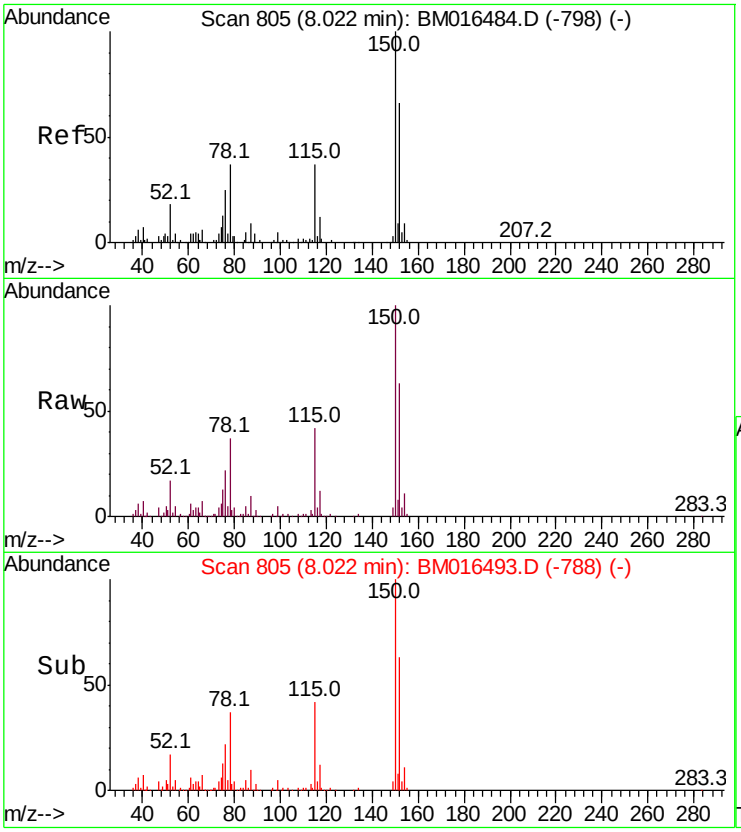
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration



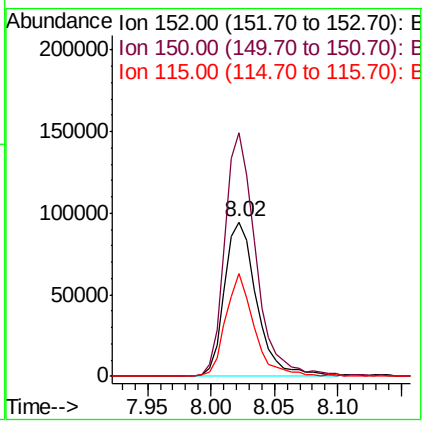


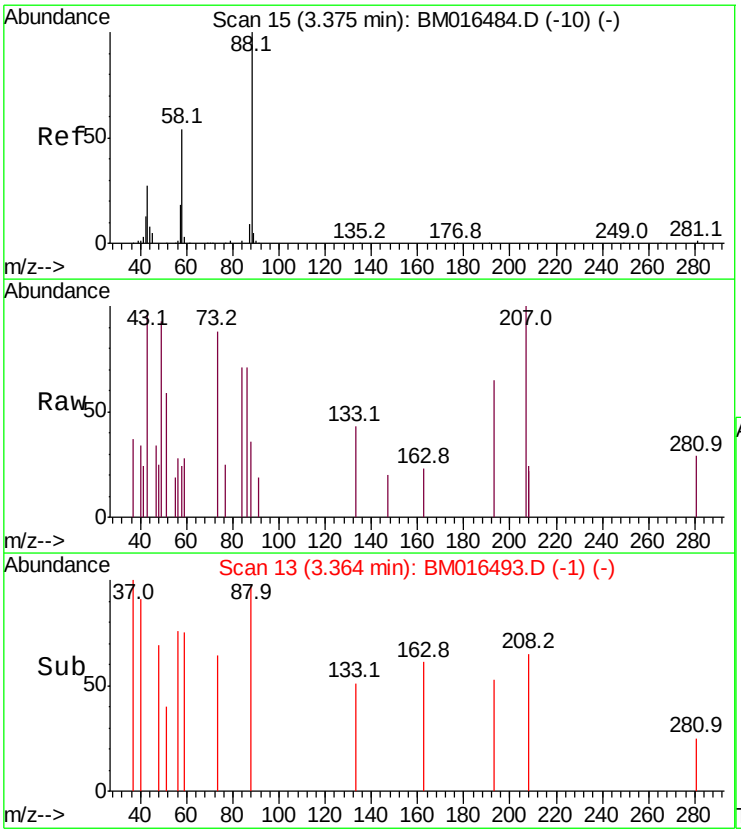
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 166829

Ion	Ratio	Lower	Upper
152	100		
150	158.0	119.5	179.3
115	66.6	43.0	64.4#

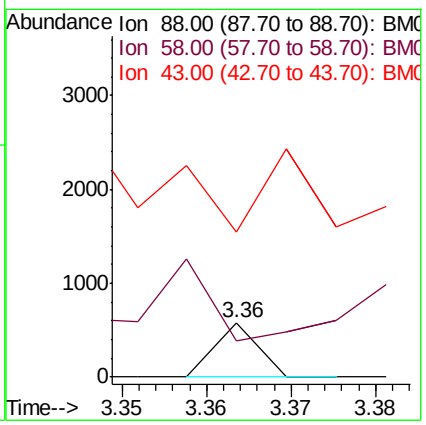


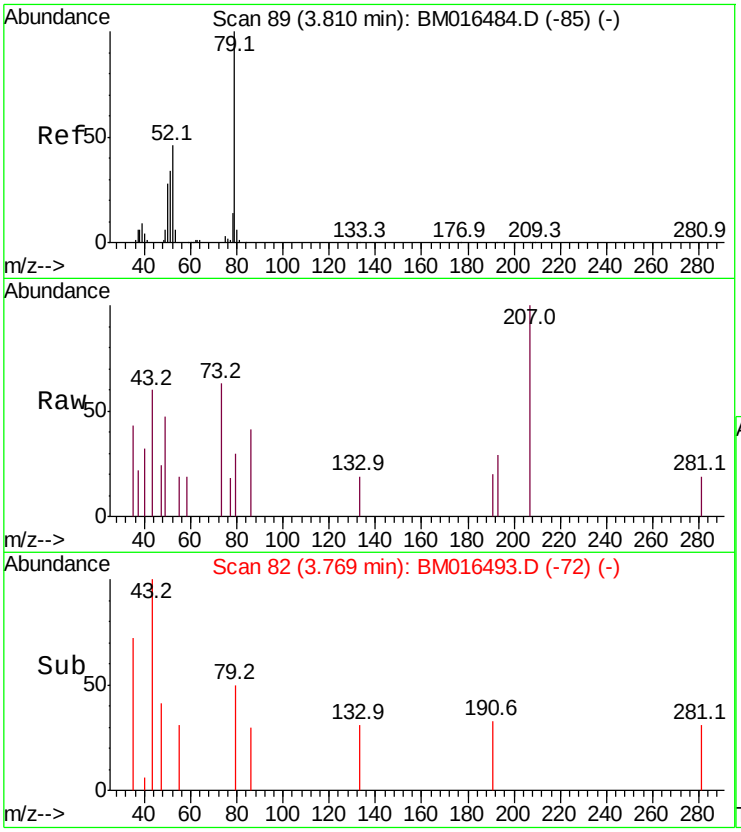


#2
1,4-Dioxane
Concen: 0.044 ng
RT: 3.36 min Scan# 13
Delta R.T. -0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 88 Resp: 206

Ion	Ratio	Lower	Upper
88	100		
58	233.5	0.0	0.0#
43	0.0	0.0	0.0



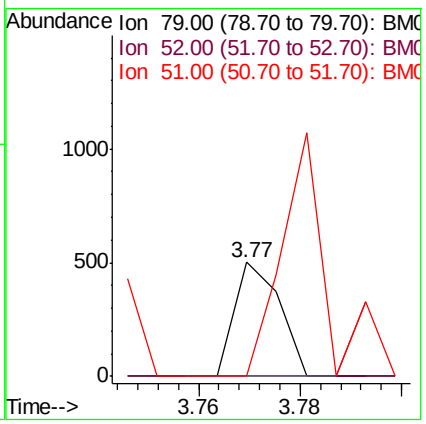


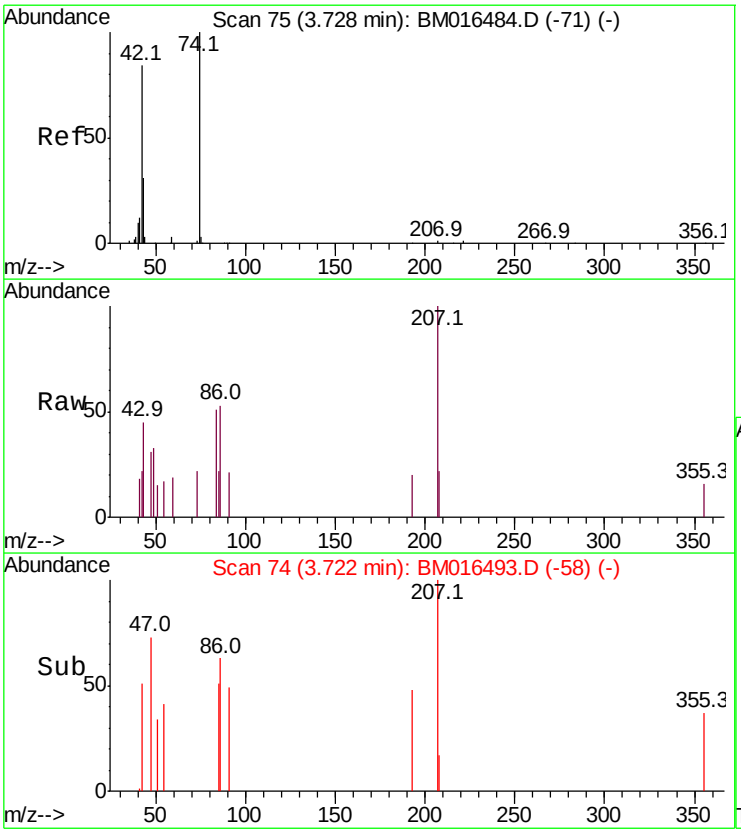
#3
Pyridine
Concen: 0.031 ng
RT: 3.77 min Scan# 82
Delta R.T. -0.04 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 308

Ion	Ratio	Lower	Upper
79	100		
52	0.0	51.1	76.7#
51	0.0	26.1	39.1#

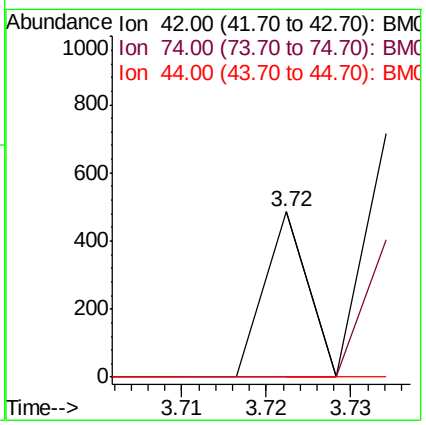


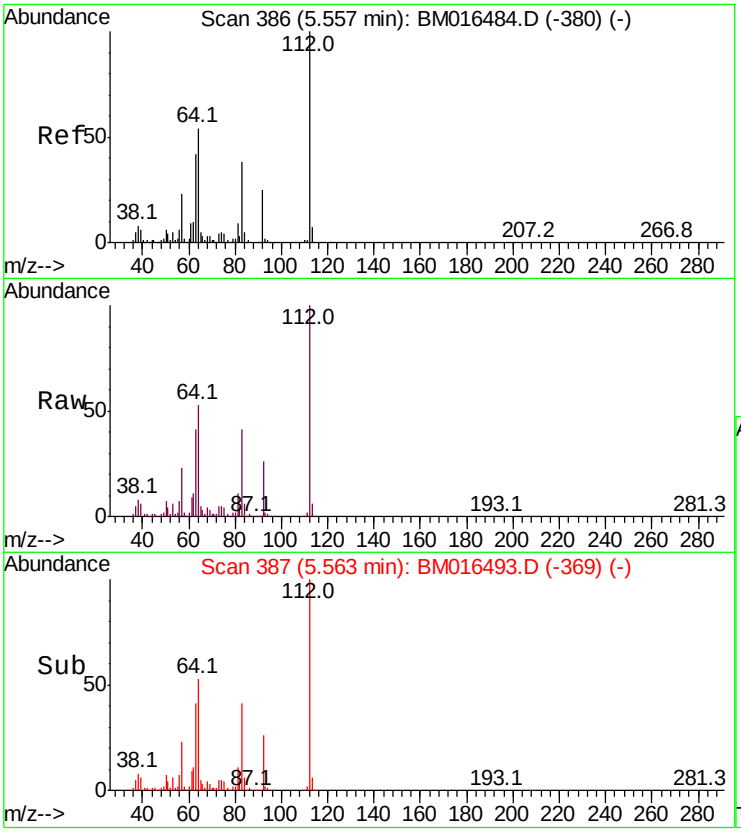


#4
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.72 min Scan# 74
Delta R.T. -0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 42 Resp: 171

Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.3	178.9#
44	0.0	5.4	8.2#



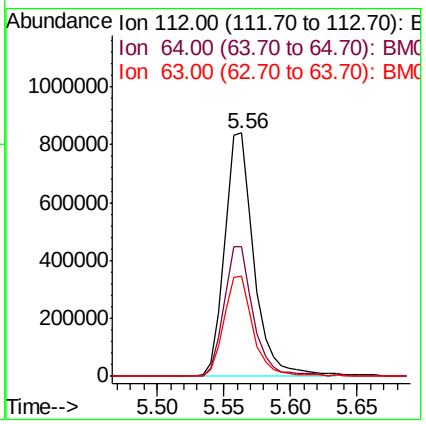


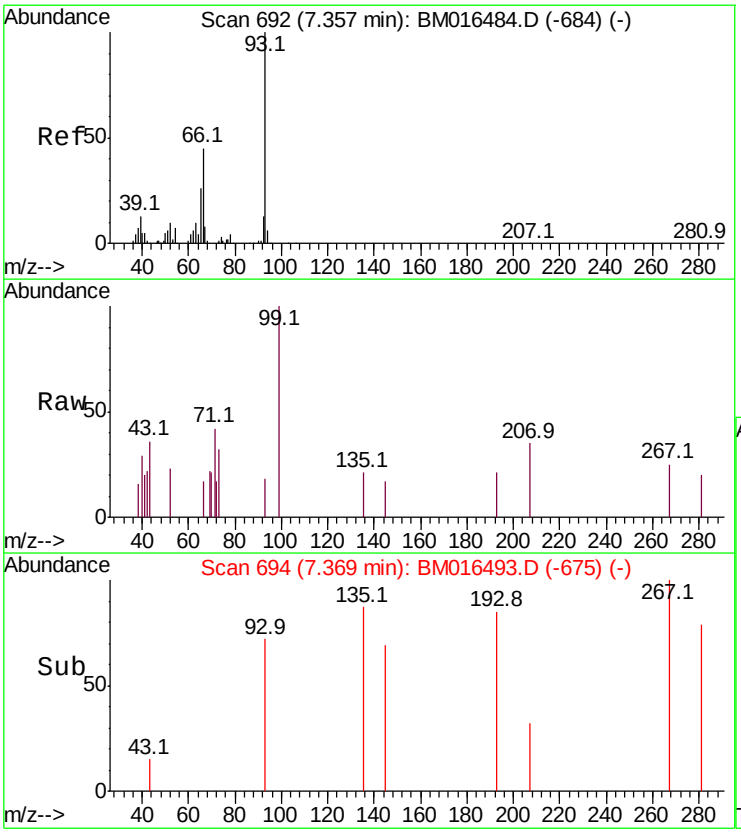
#5
2-Fluorophenol
Concen: 0.039 ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 1293126

Ion	Ratio	Lower	Upper
112	100		
64	53.0	38.6	57.8
63	41.2	19.3	28.9#

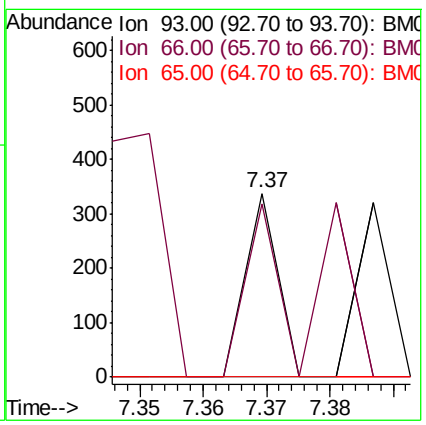


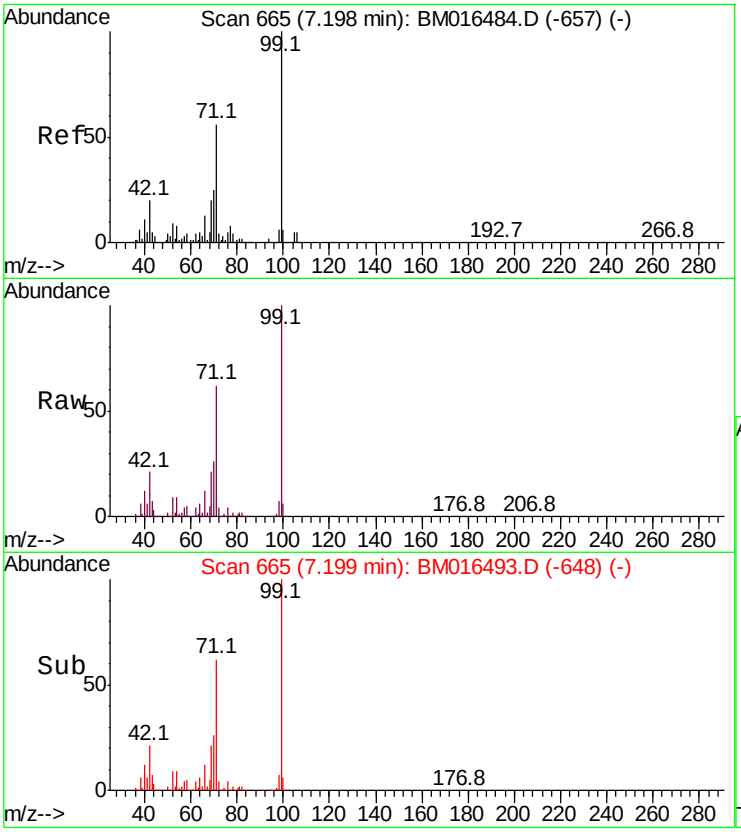


#6
Aniline
Concen: 0.009 ng
RT: 7.37 min Scan# 694
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 93 Resp: 119

Ion	Ratio	Lower	Upper
93	100		
66	94.4	30.8	46.2#
65	0.0	16.0	24.0#



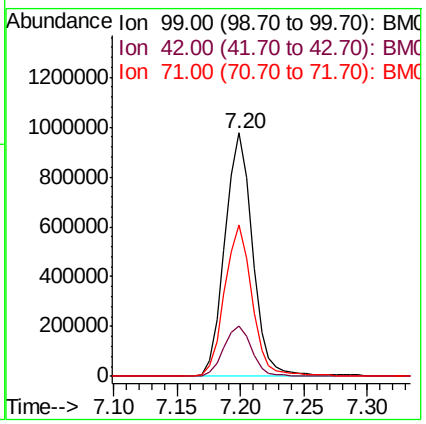


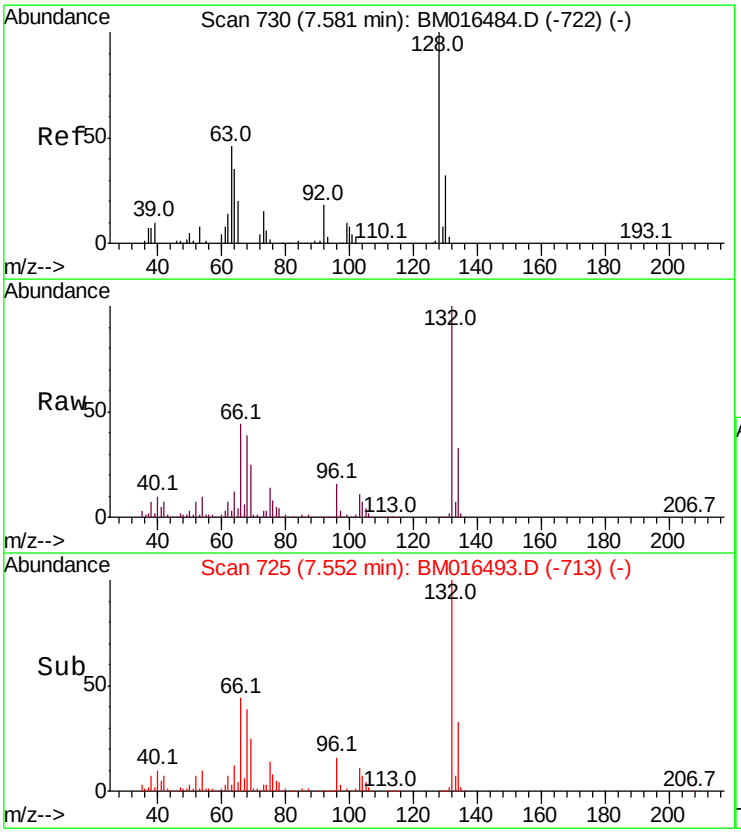
#7
Phenol-d6
Concen: 0.009 ng
RT: 7.20 min Scan# 665
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1479401

Ion	Ratio	Lower	Upper
99	100		
42	20.7	11.0	16.4#
71	62.1	23.4	35.2#

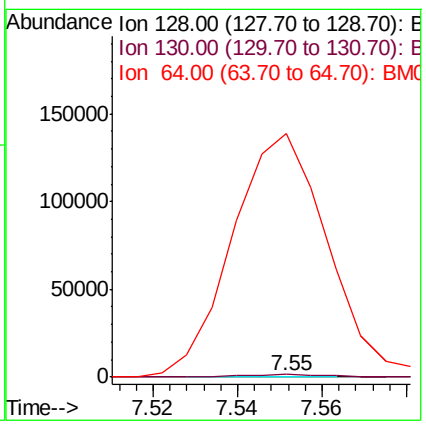


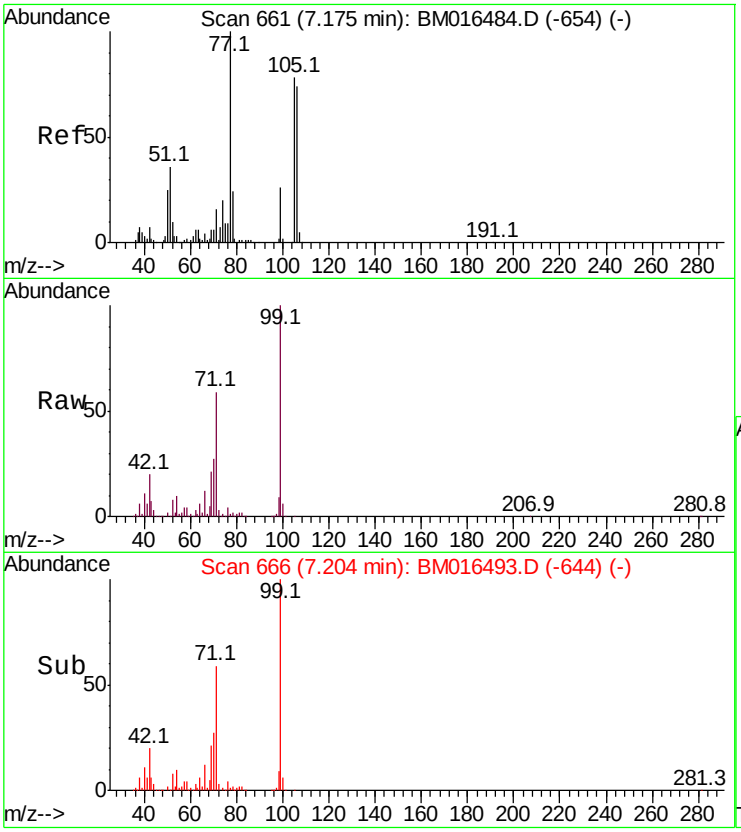


#8
2-Chlorophenol
Concen: 0.034 ng
RT: 7.55 min Scan# 725
Delta R.T. -0.03 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:128 Resp: 349

Ion	Ratio	Lower	Upper
128	100		
130	298.8	12.0	52.0#
64	26942.1	24.9	64.9#



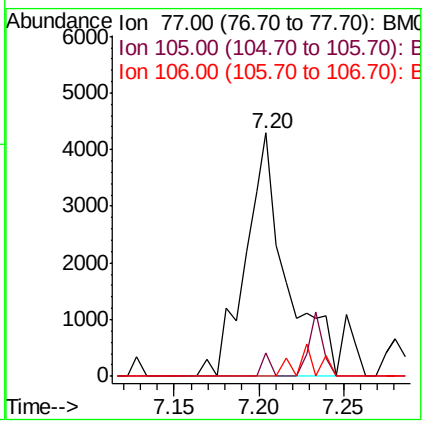


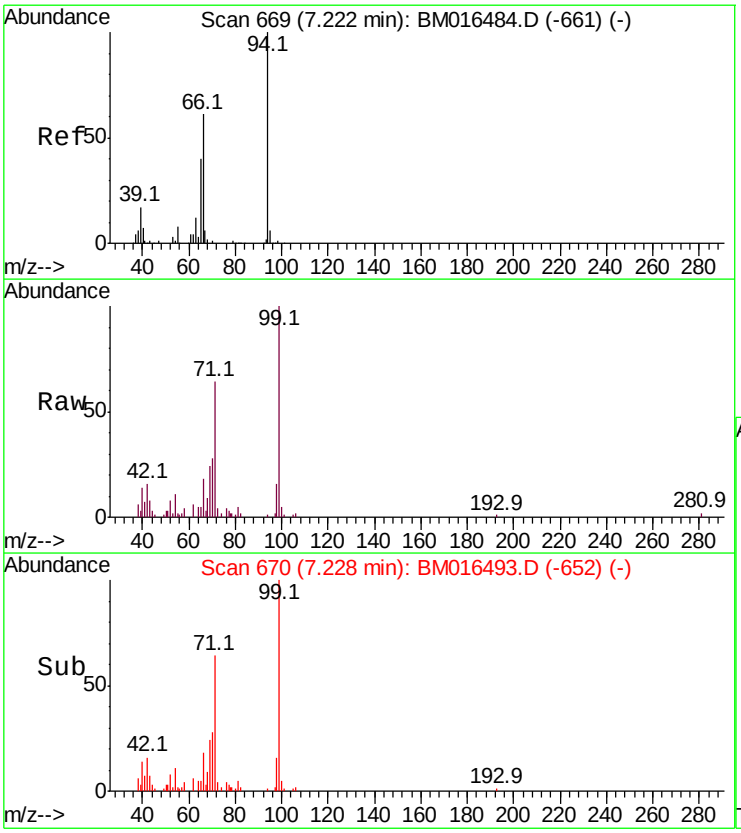
#9
Benzaldehyde
Concen: 0.922 ng
RT: 7.20 min Scan# 666
Delta R.T. 0.03 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 7206

Ion	Ratio	Lower	Upper
77	100		
105	9.6	78.8	118.8#
106	0.0	73.7	113.7#

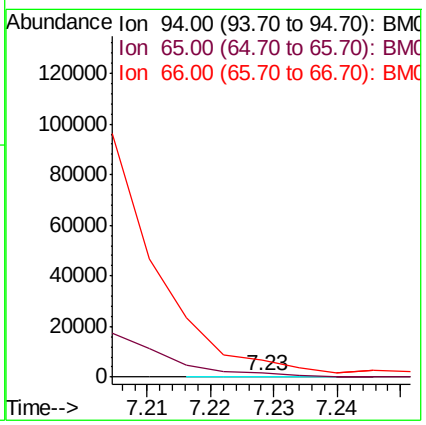


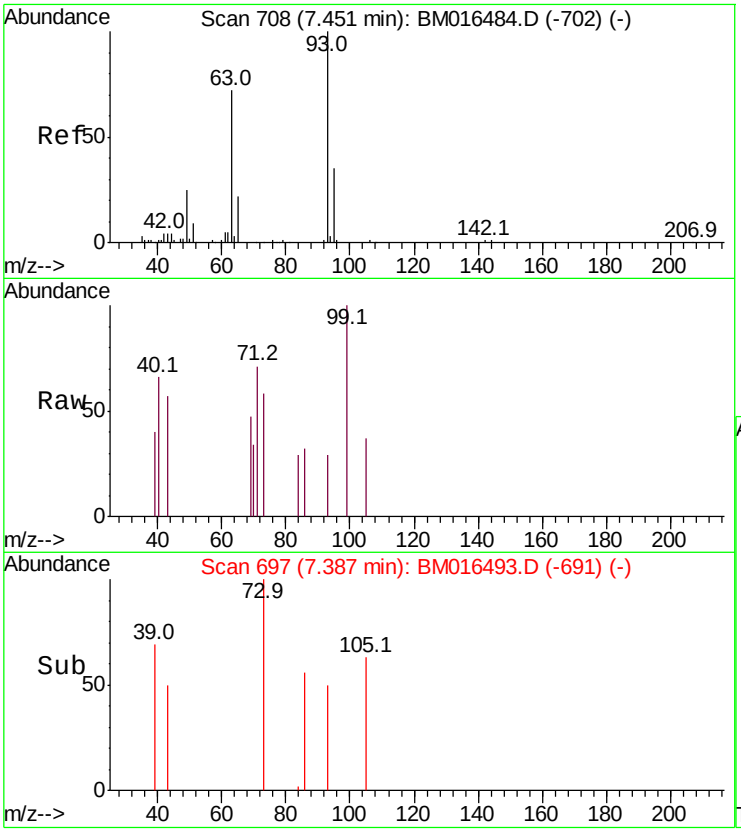


#10
Phenol
Concen: 0.021 ng
RT: 7.23 min Scan# 670
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 94 Resp: 238

Ion	Ratio	Lower	Upper
94	100		
65	476.9	18.8	58.8#
66	1778.5	39.9	79.9#



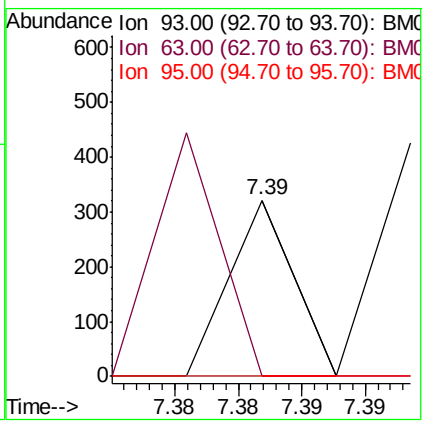


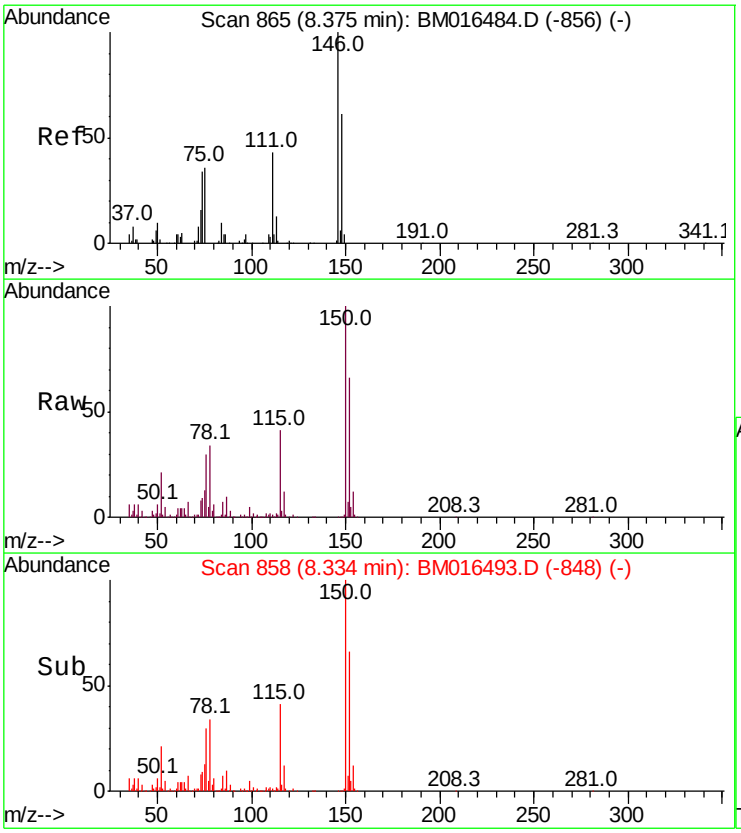
#11
bis(2-Chloroethyl)ether
Concen: 0.014 ng
RT: 7.39 min Scan# 697
Delta R.T. -0.06 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 113

Ion	Ratio	Lower	Upper
93	100		
63	0.0	49.5	89.5#
95	0.0	13.5	53.5#

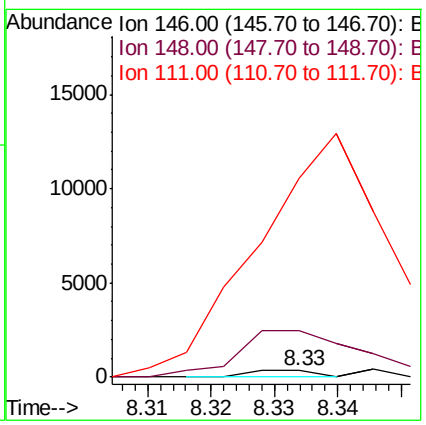


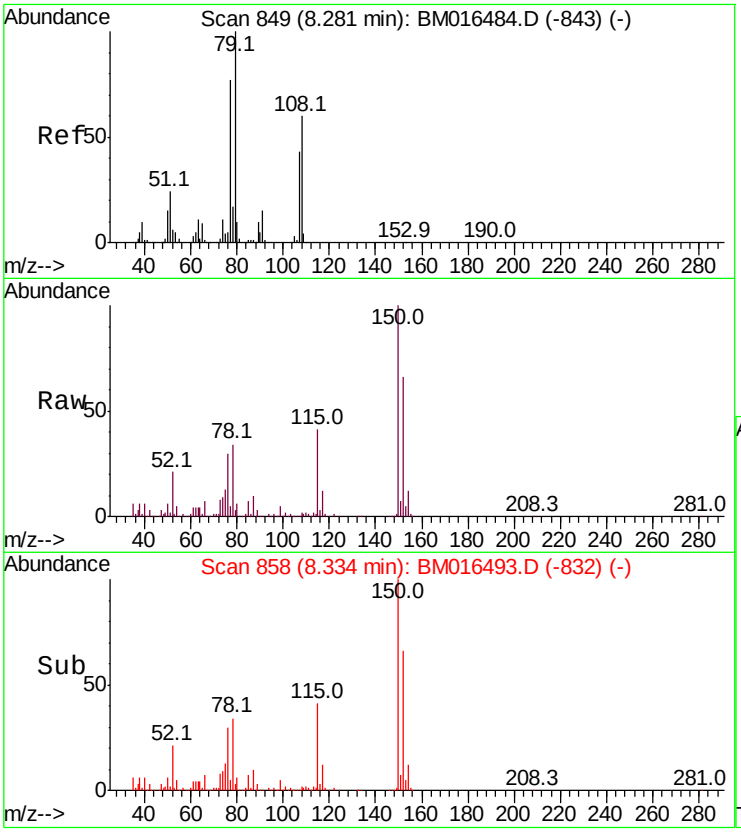


#14
1,2-Dichlorobenzene
Concen: 0.017 ng
RT: 8.33 min Scan# 858
Delta R.T. -0.04 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:146 Resp: 236

Ion	Ratio	Lower	Upper
146	100		
148	719.1	52.3	78.5#
111	3089.4	30.6	45.8#



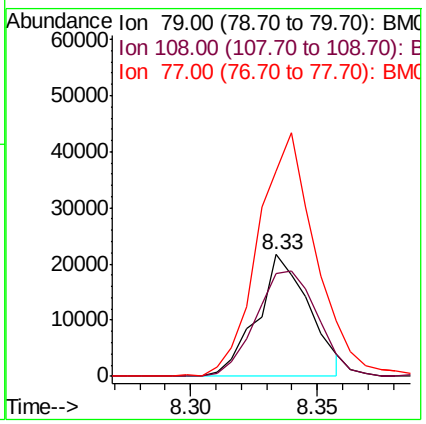


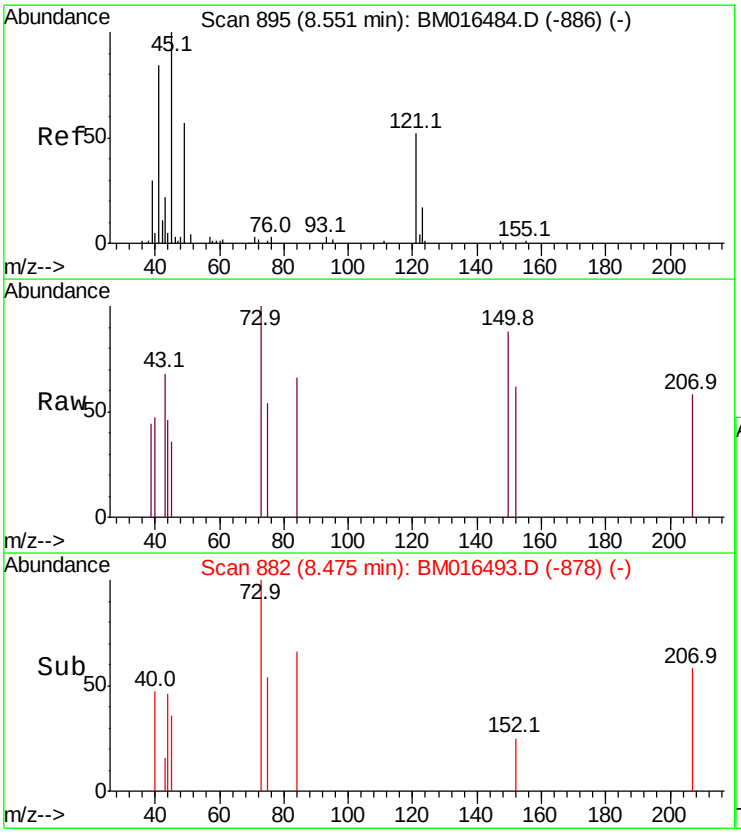
#15
Benzyl Alcohol
Concen: 2.983 ng
RT: 8.33 min Scan# 858
Delta R.T. 0.05 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 31206

Ion	Ratio	Lower	Upper
79	100		
108	84.8	65.0	97.4
77	168.9	53.0	79.6#

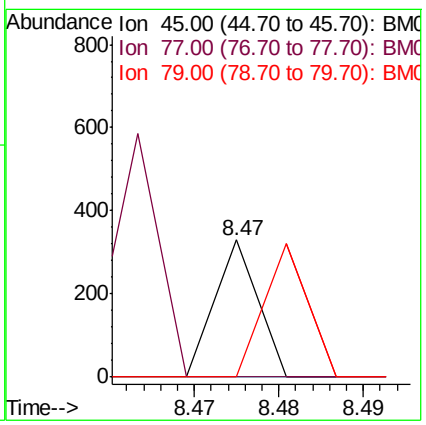


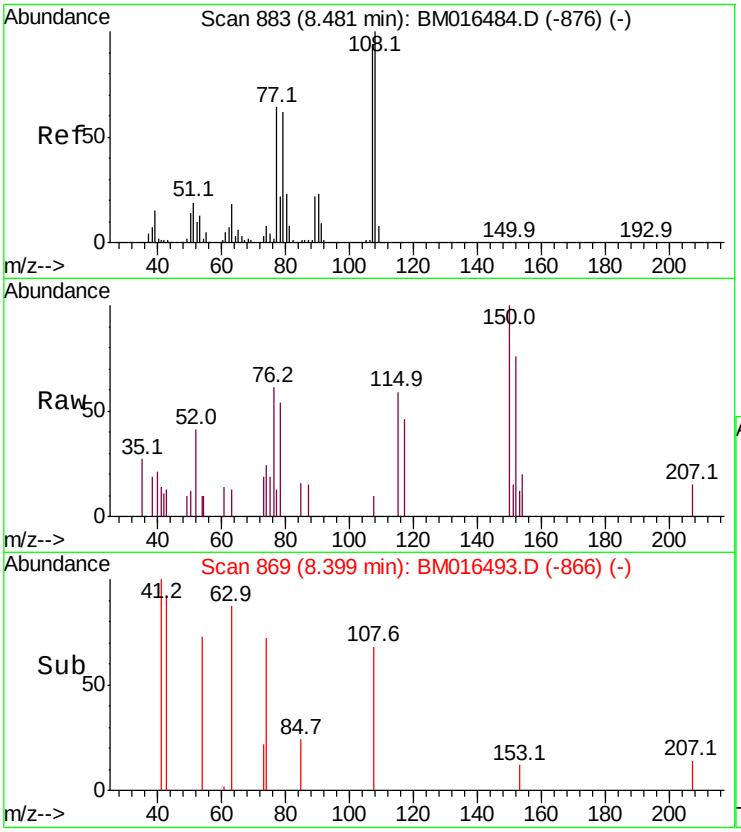


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.020 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.08 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 45 Resp: 116

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.2
79	0.0	0.0	32.0



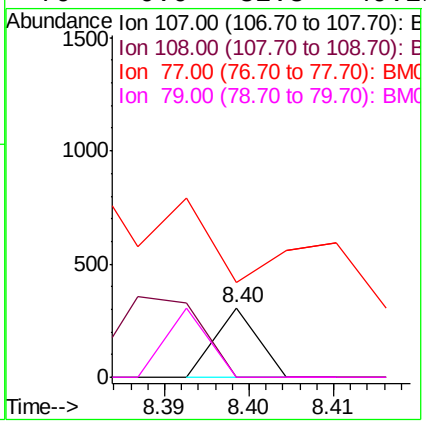


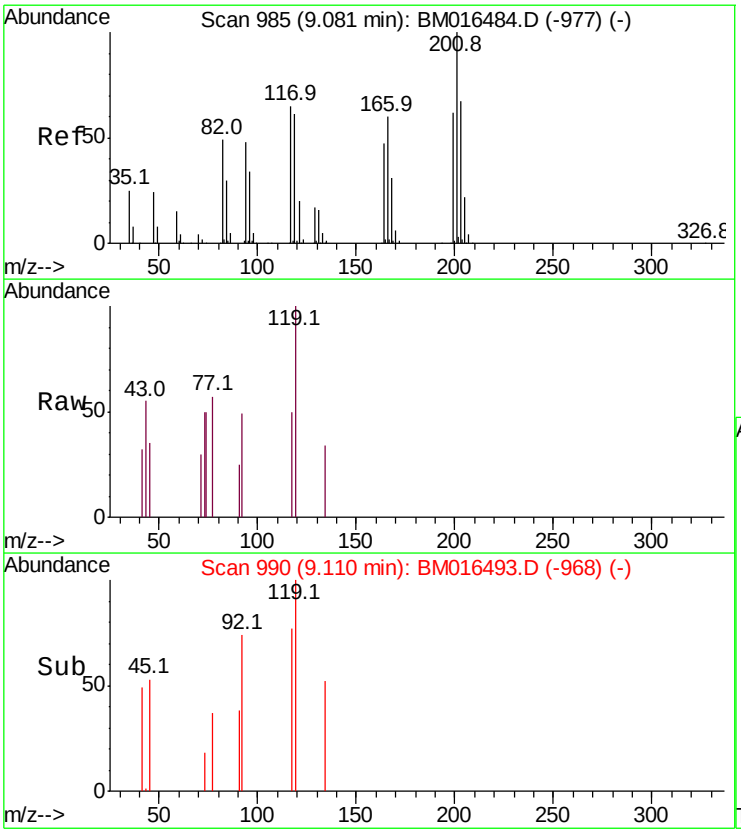
#17
2-Methylphenol
Concen: 0.013 ng
RT: 8.40 min Scan# 869
Delta R.T. -0.08 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 108

Ion	Ratio	Lower	Upper
107	100		
108	0.0	89.8	134.8#
77	135.9	32.6	48.8#
79	0.0	32.8	49.2#

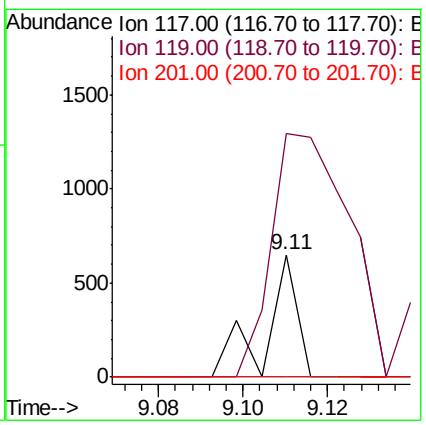


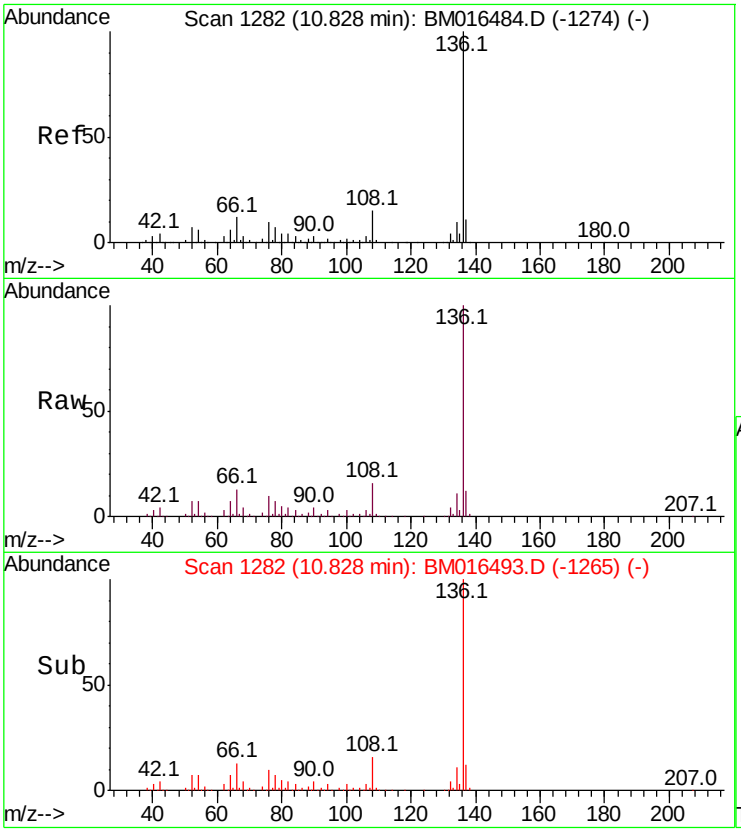


#18
Hexachloroethane
Concen: 0.053 ng
RT: 9.11 min Scan# 990
Delta R.T. 0.03 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:117 Resp: 336

Ion	Ratio	Lower	Upper
117	100		
119	199.1	79.2	118.8#
201	0.0	69.8	104.6#



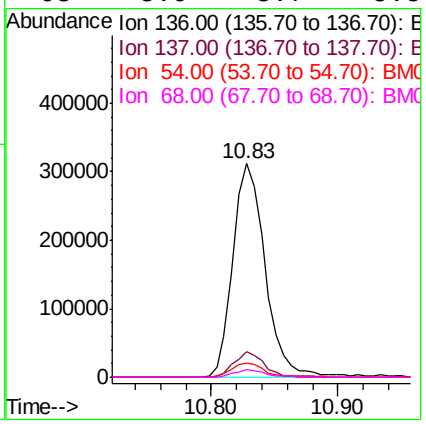


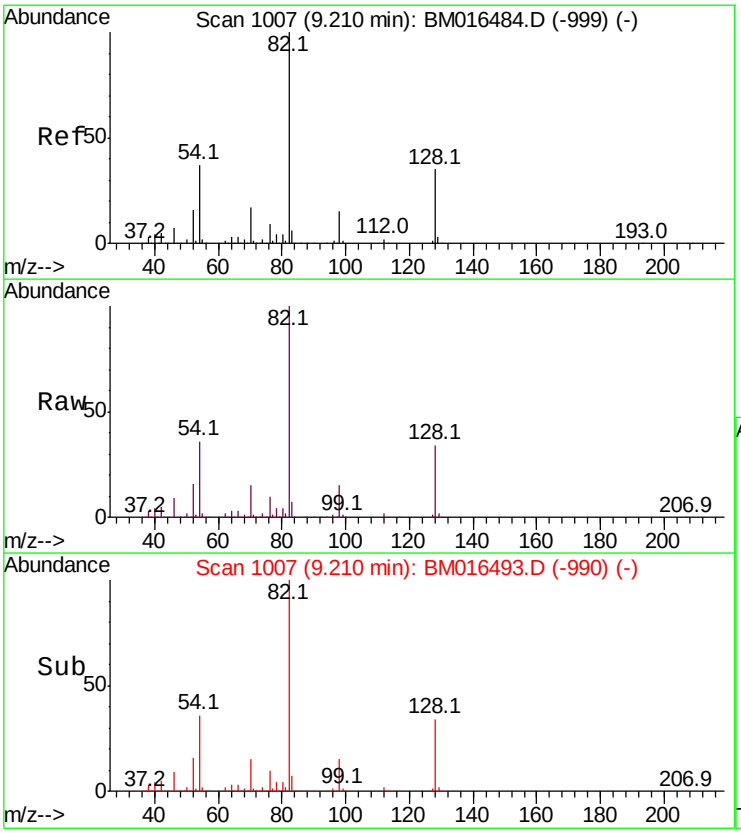
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 549343

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.7	13.1
54	6.6	4.6	6.8
68	3.9	3.7	5.5

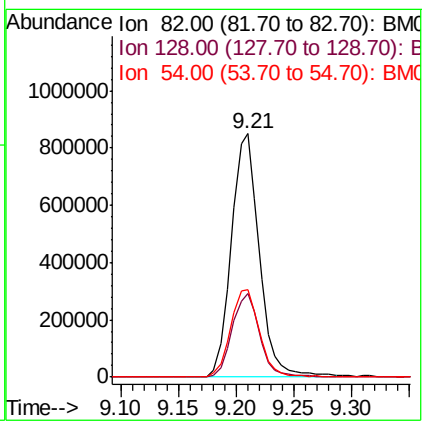


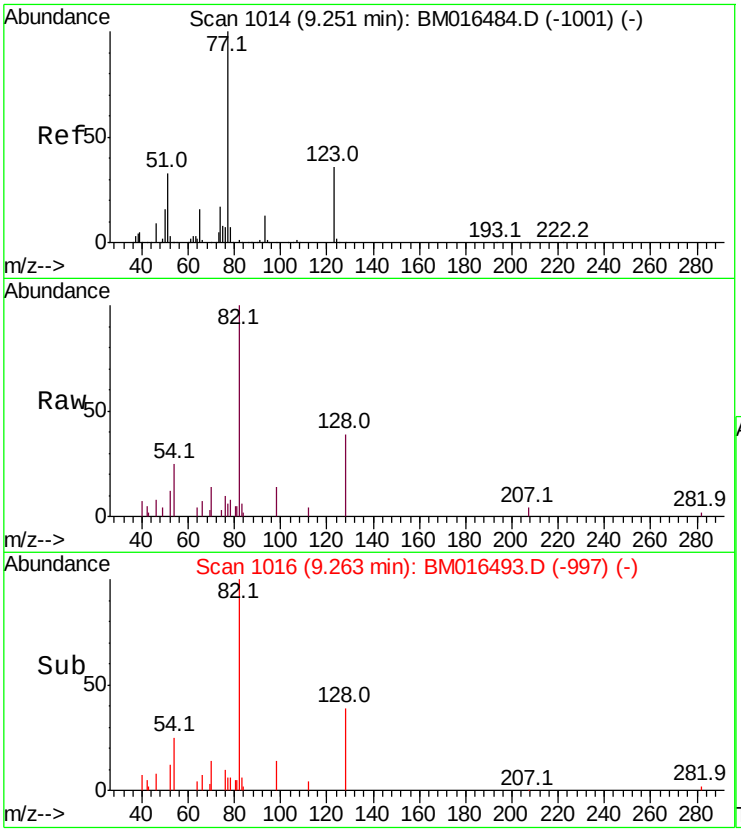


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 82 Resp: 1429780

Ion	Ratio	Lower	Upper
82	100		
128	34.5	32.8	49.2
54	35.7	40.6	60.8#



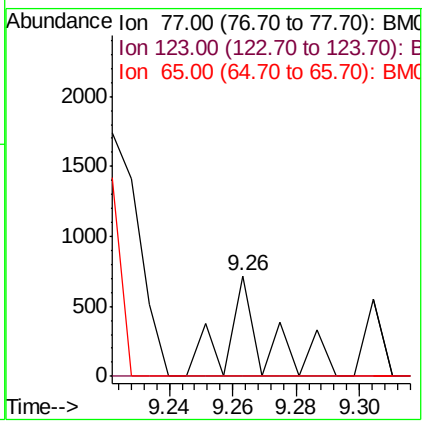


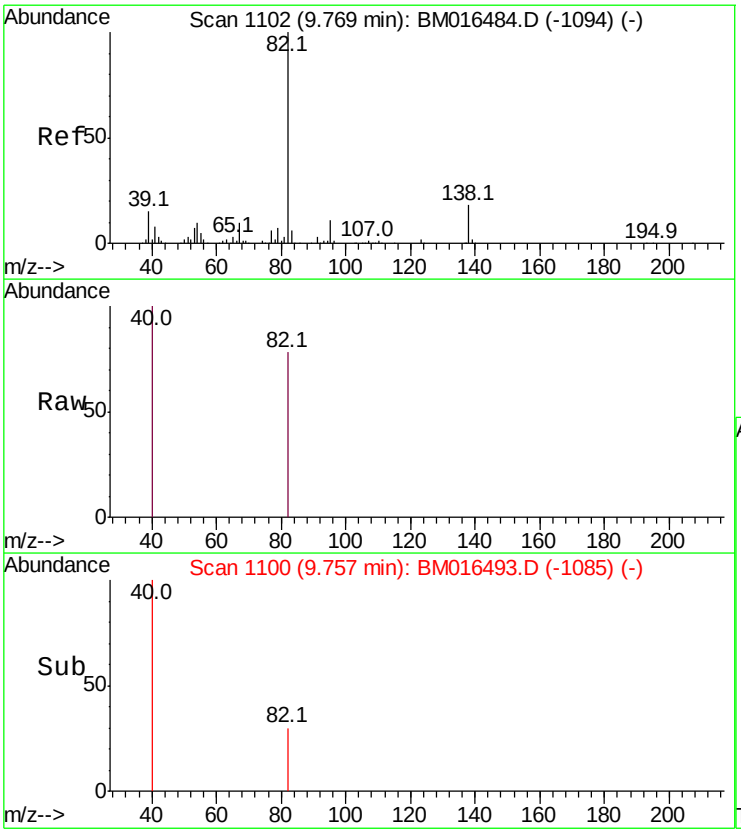
#24
Nitrobenzene
Concen: 0.053 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 641

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	0.0	10.9	16.3#

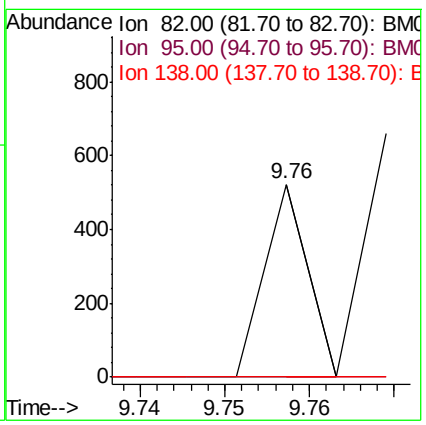


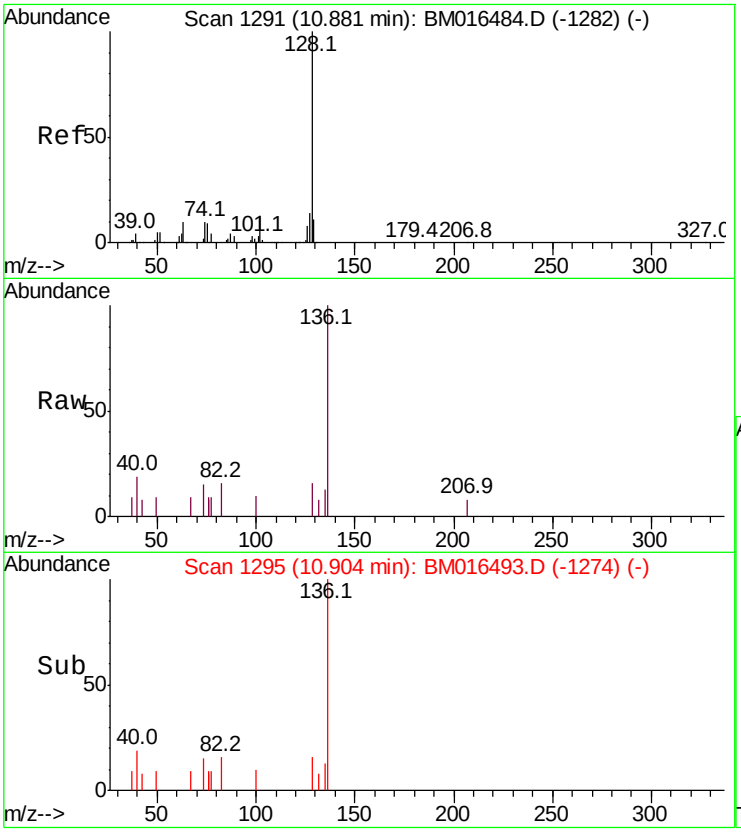


#25
Isophorone
Concen: 0.011 ng
RT: 9.76 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 82 Resp: 184

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.3	24.5#



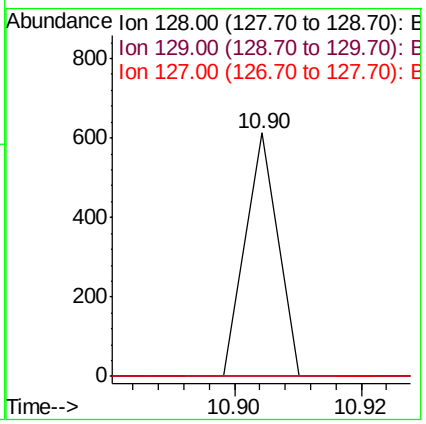


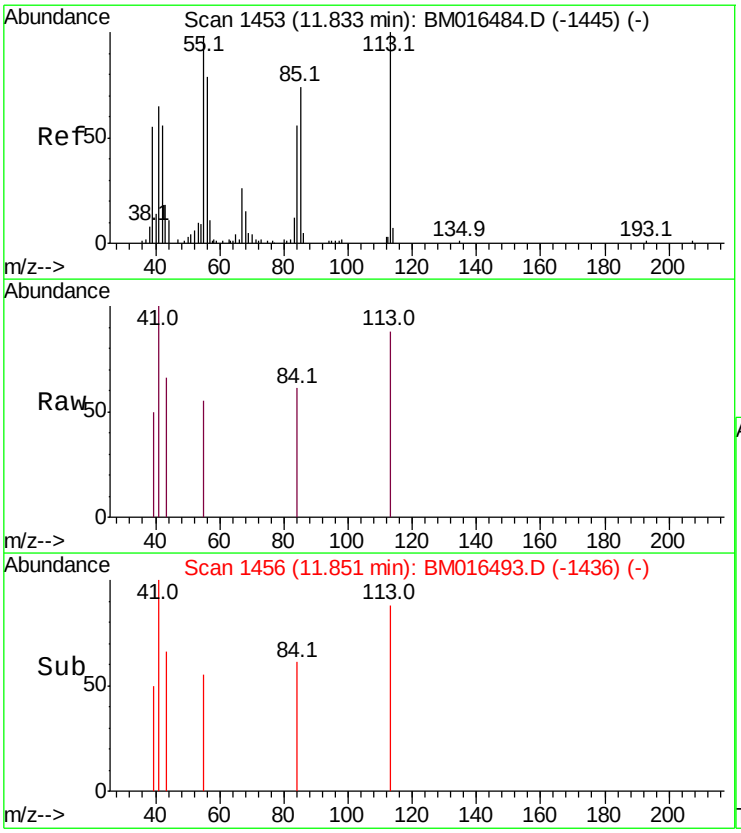
#31
Naphthalene
Concen: 0.008 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 216

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	0.0	10.4	15.6#

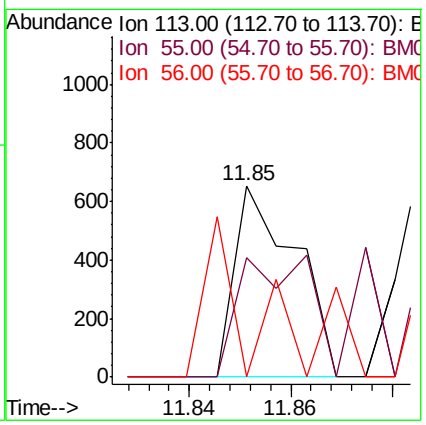


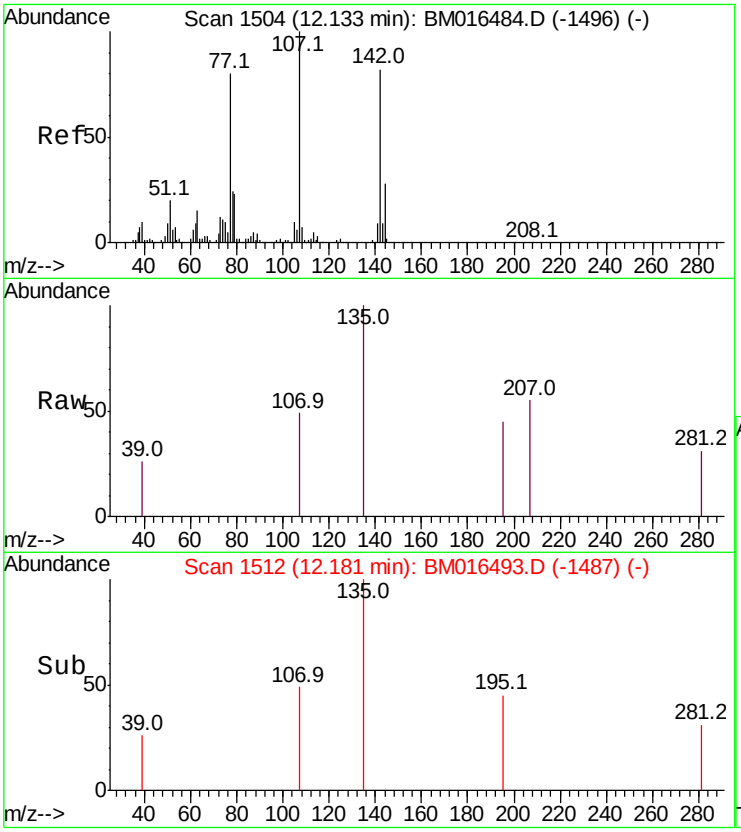


#35
Caprolactam
Concen: 0.226 ng
RT: 11.85 min Scan# 1456
Delta R.T. 0.02 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:113 Resp: 544

Ion	Ratio	Lower	Upper
113	100		
55	62.2	145.9	185.9#
56	0.0	101.0	141.0#



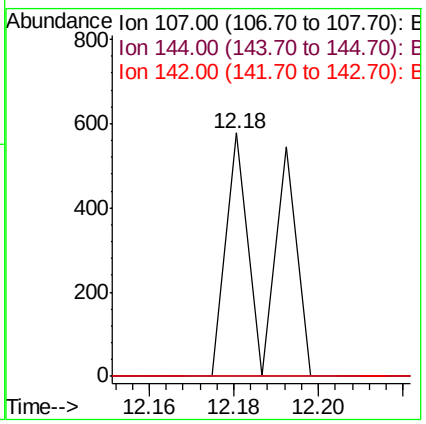


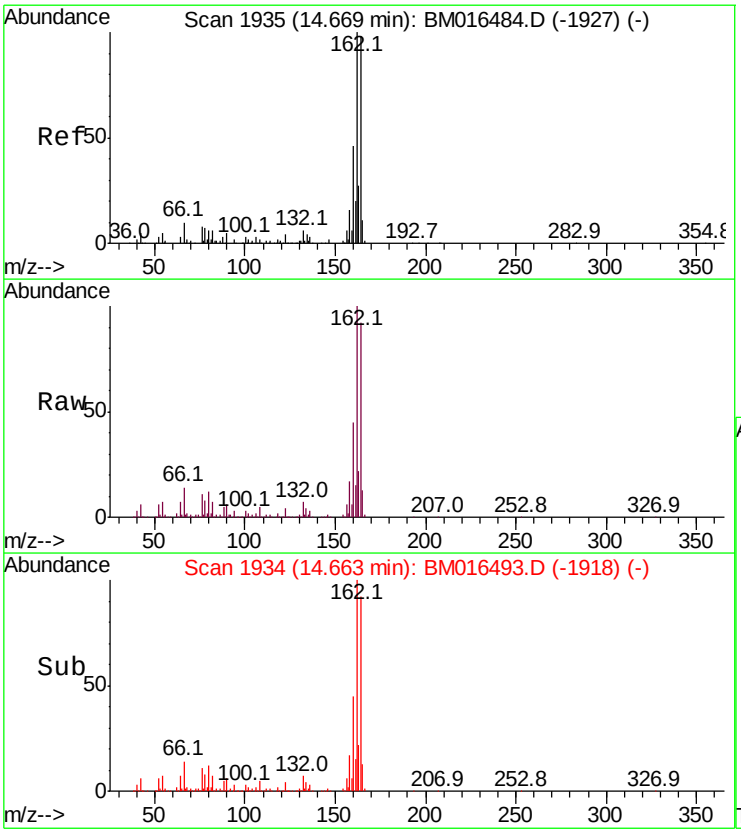
#36
4-Chloro-3-methylphenol
Concen: 0.041 ng
RT: 12.18 min Scan# 1512
Delta R.T. 0.05 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 397

Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.3	34.9#
142	0.0	72.6	109.0#

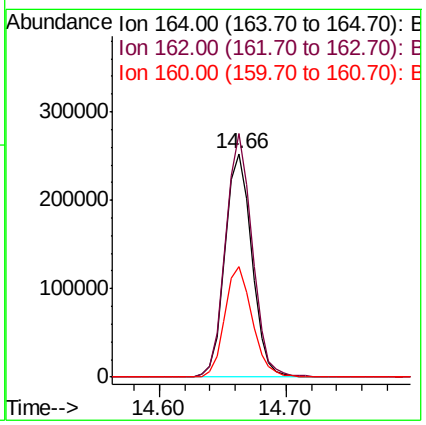


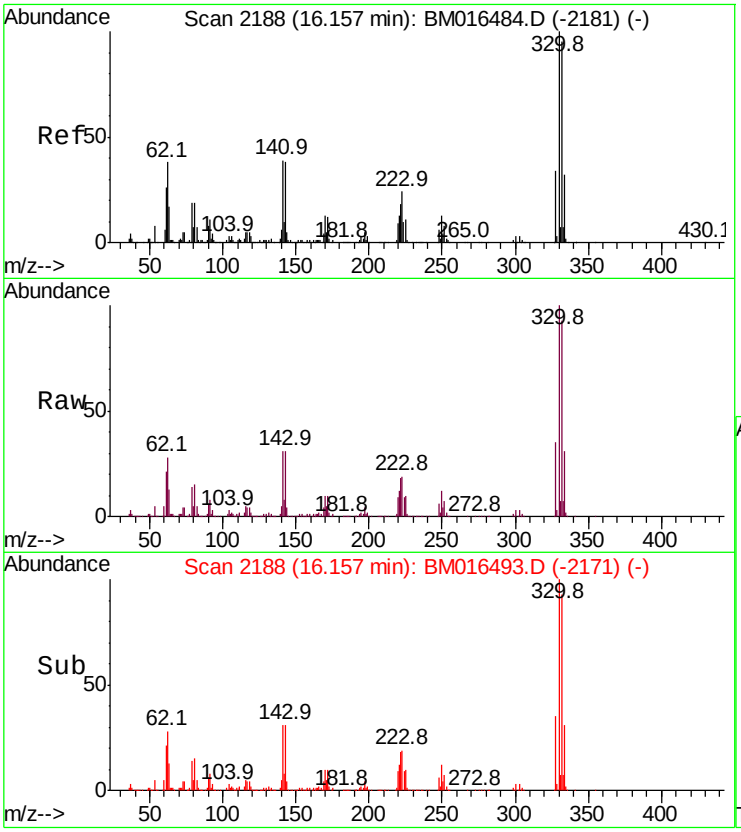


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:164 Resp: 370047

Ion	Ratio	Lower	Upper
164	100		
162	109.1	82.4	123.6
160	49.2	35.8	53.6



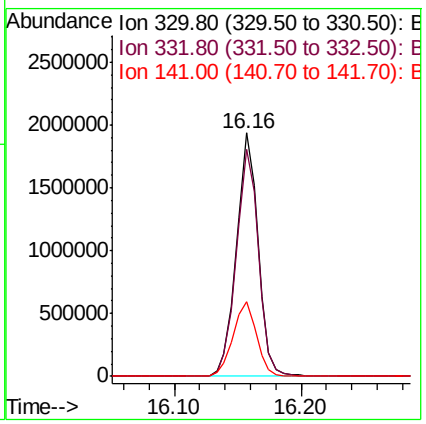


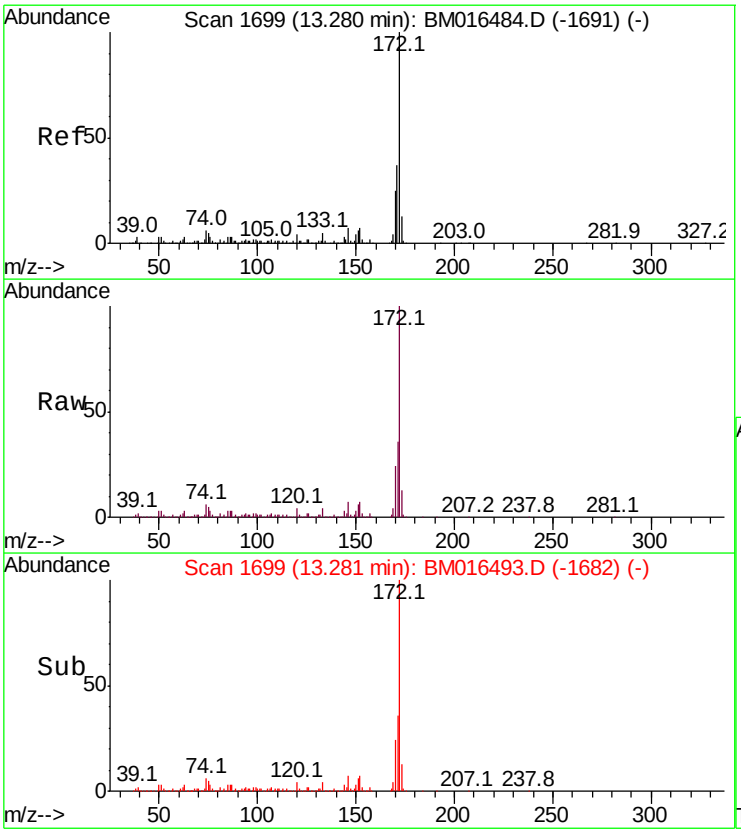
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 2280791

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	33.4	0.0	0.0#

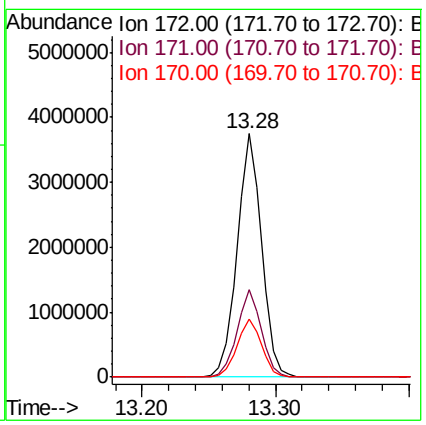


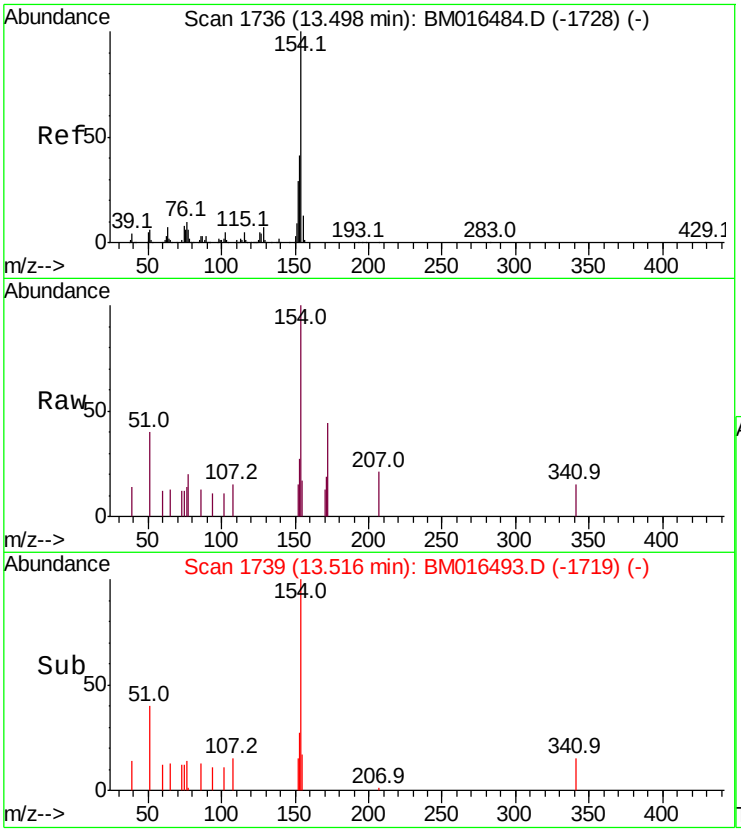


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:172 Resp: 4758684

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.0	18.8	28.2



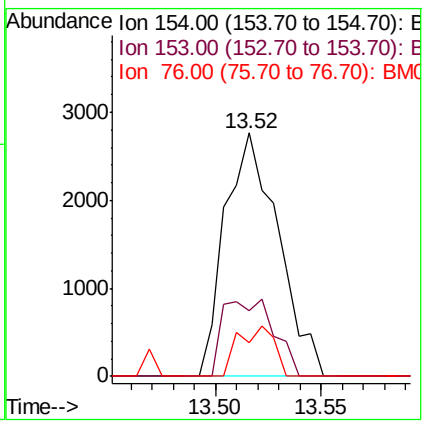


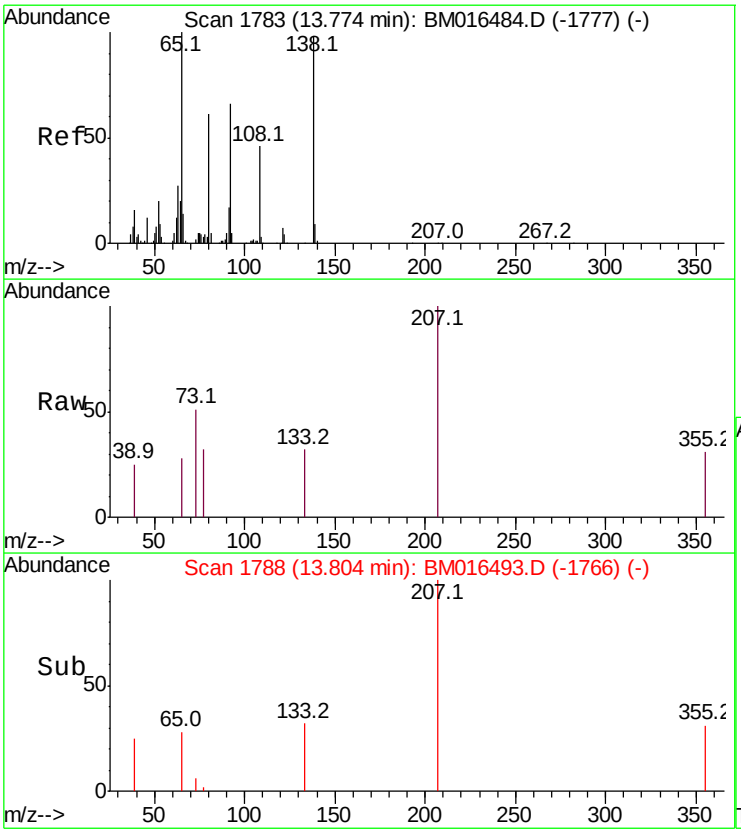
#45
1,1'-Biphenyl
Concen: 0.149 ng
RT: 13.52 min Scan# 1739
Delta R.T. 0.02 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 4837

Ion	Ratio	Lower	Upper
154	100		
153	27.2	20.7	60.7
76	14.0	0.0	30.9

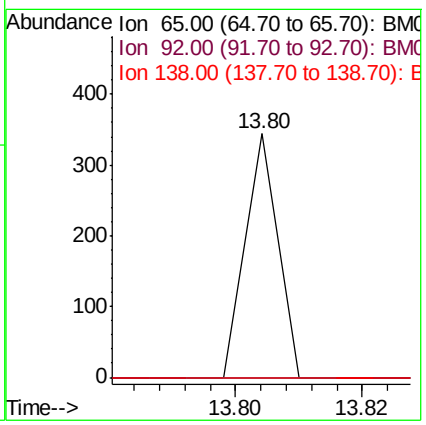


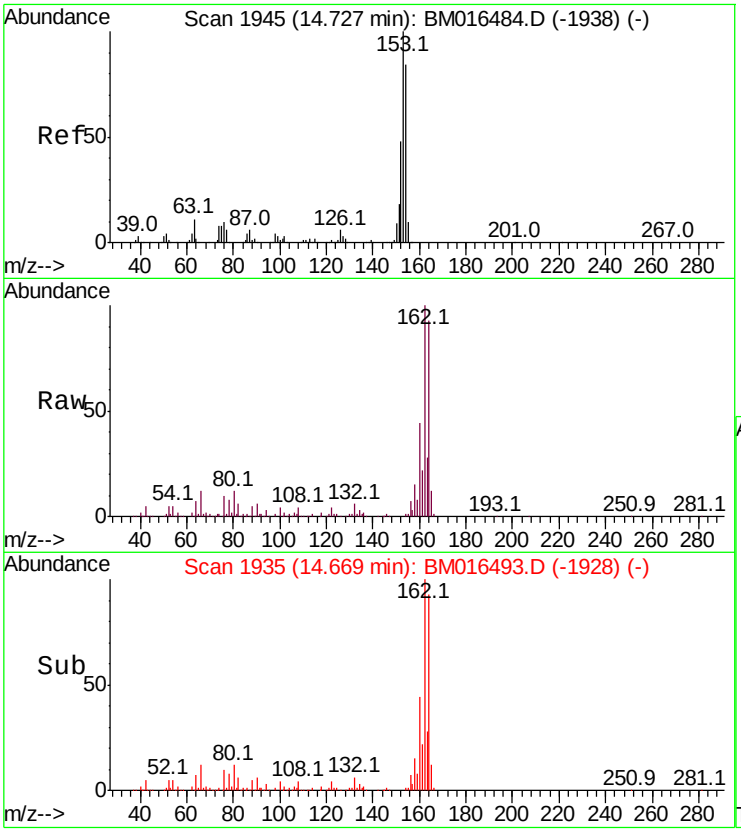


#47
2-Nitroaniline
Concen: 0.017 ng
RT: 13.80 min Scan# 1788
Delta R.T. 0.03 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 65 Resp: 121

Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#



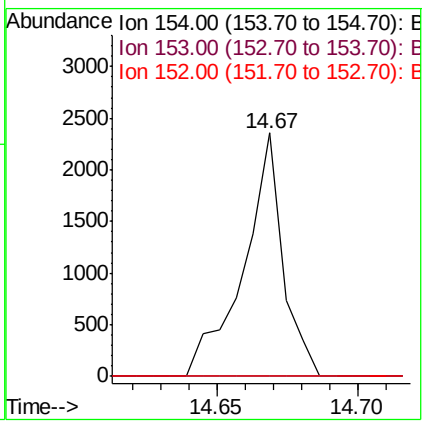


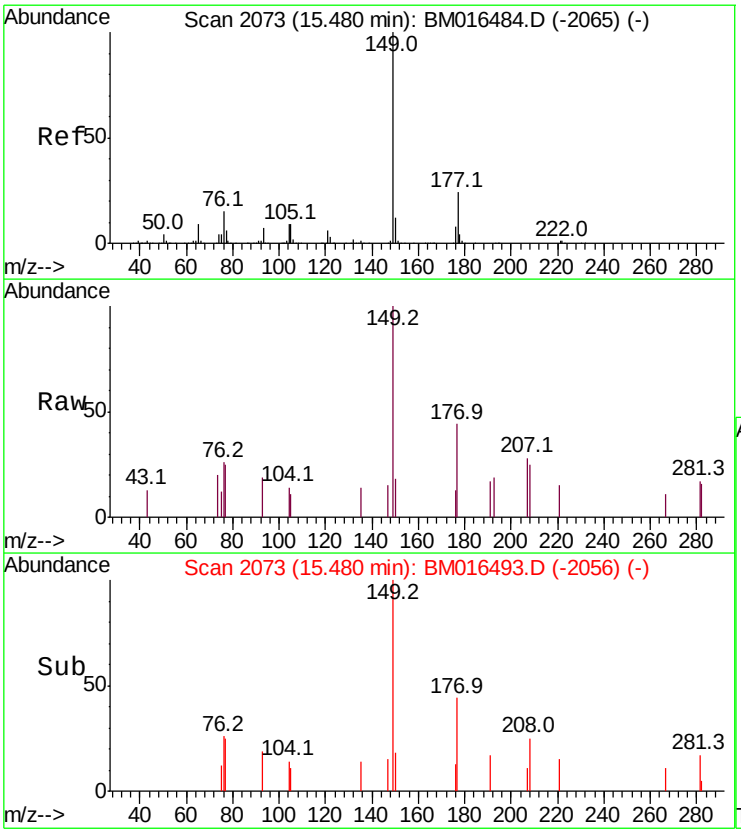
#51
Acenaphthene
Concen: 0.100 ng
RT: 14.67 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 2279

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.0	135.0#
152	0.0	42.6	63.8#

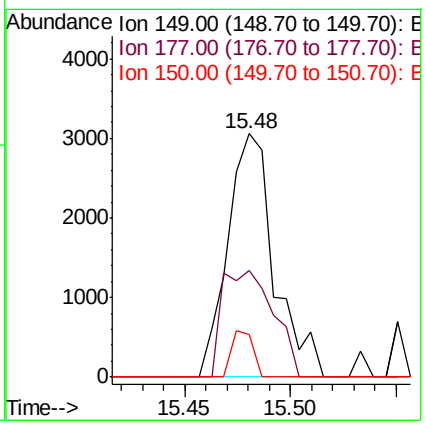


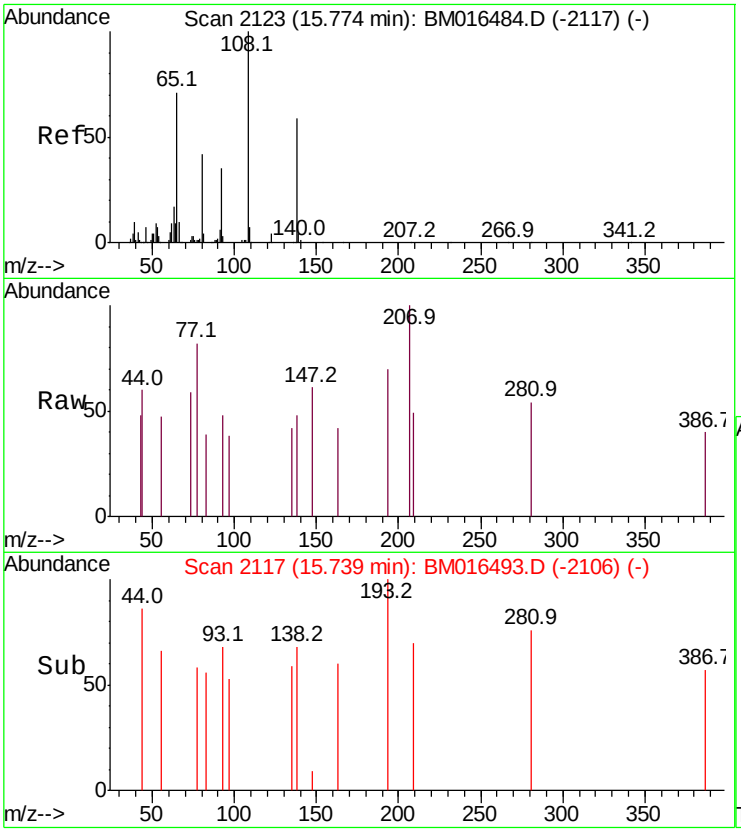


#59
Diethylphthalate
Concen: 0.126 ng
RT: 15.48 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:149 Resp: 4682

Ion	Ratio	Lower	Upper
149	100		
177	43.6	18.3	27.5#
150	17.6	9.8	14.8#



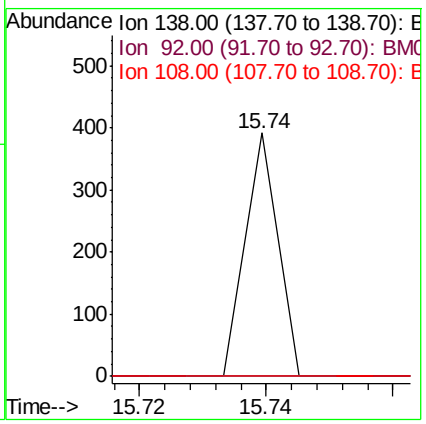


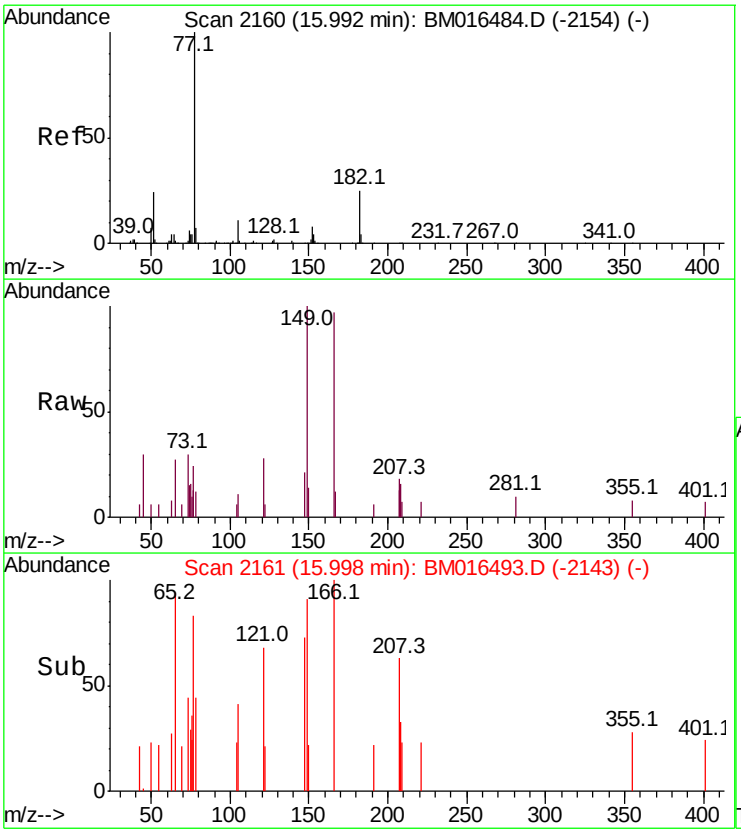
#61
4-Nitroaniline
Concen: 0.022 ng
RT: 15.74 min Scan# 2117
Delta R.T. -0.04 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 138

Ion	Ratio	Lower	Upper
138	100		
92	0.0	16.7	56.7#
108	0.0	37.6	77.6#

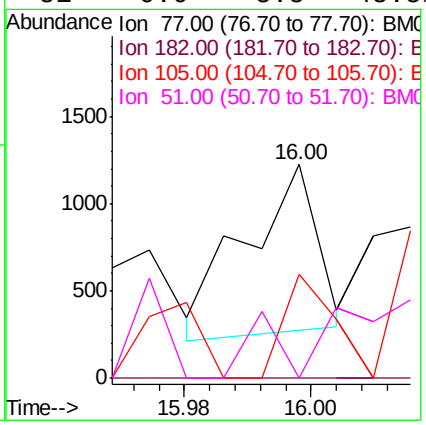


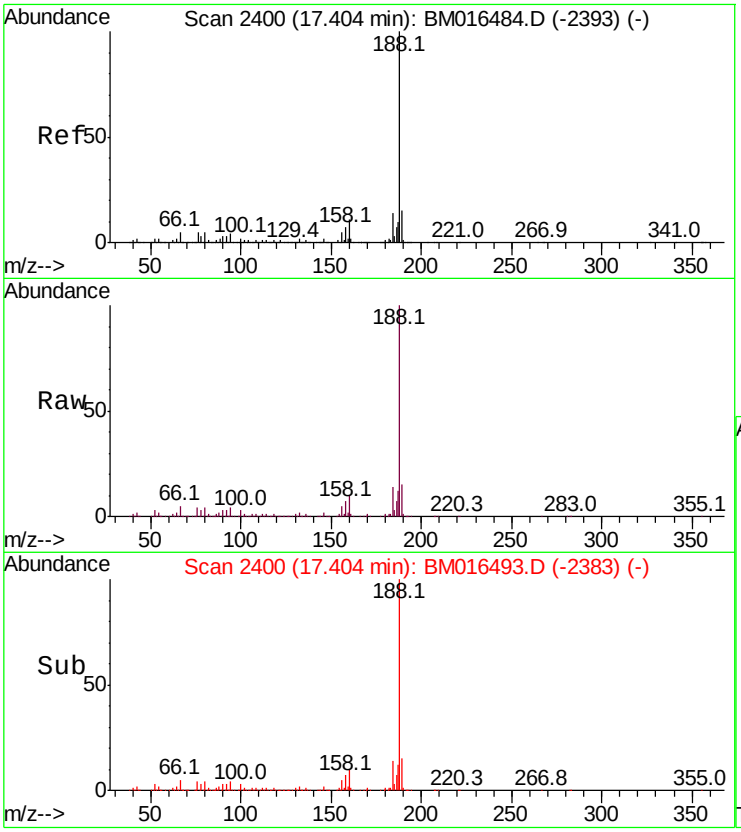


#62
Azobenzene
Concen: 0.019 ng
RT: 16.00 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 77 Resp: 760

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.5	46.5#
105	48.6	3.8	43.8#
51	0.0	5.5	45.5#



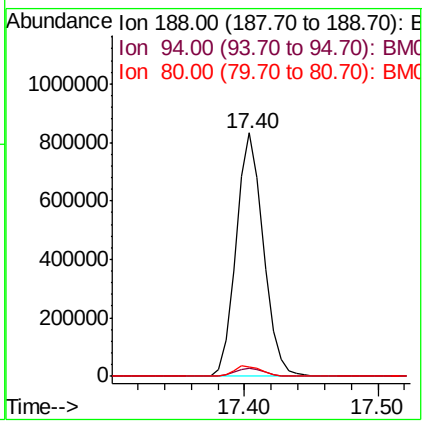


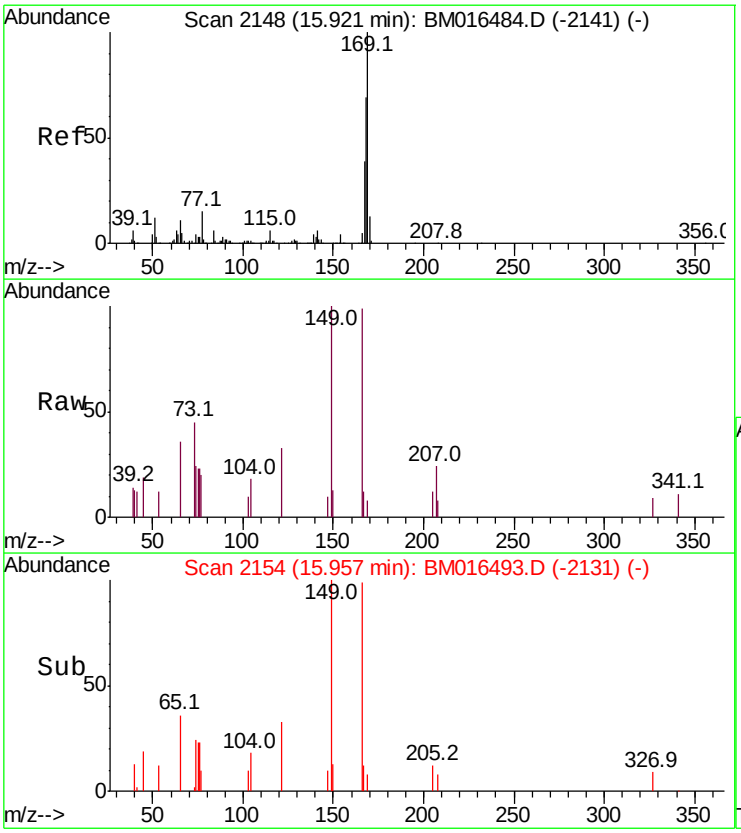
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1173793

Ion	Ratio	Lower	Upper
188	100		
94	3.6	8.7	13.1#
80	4.0	9.3	13.9#

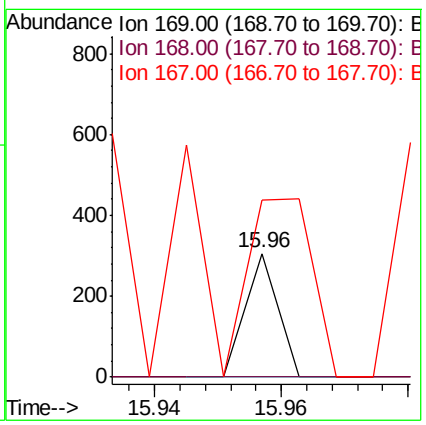


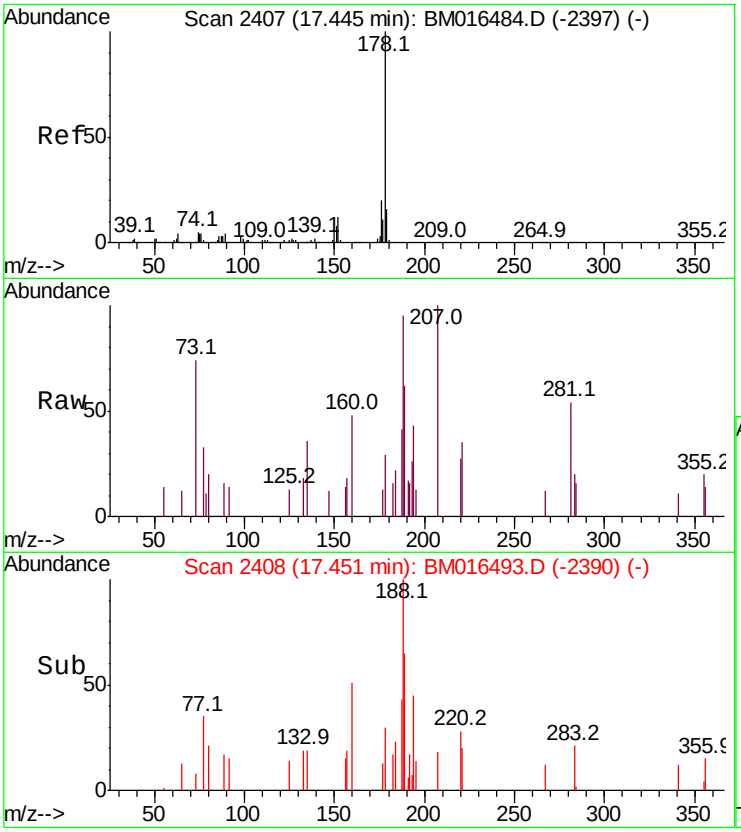


#65
n-Nitrosodiphenylamine
Concen: 0.003 ng
RT: 15.96 min Scan# 2154
Delta R.T. 0.04 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:169 Resp: 108

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.9	80.9#
167	143.6	28.9	43.3#



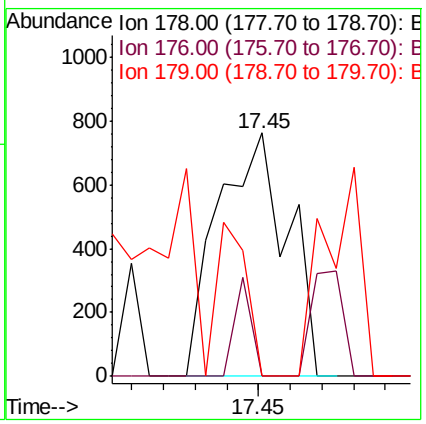


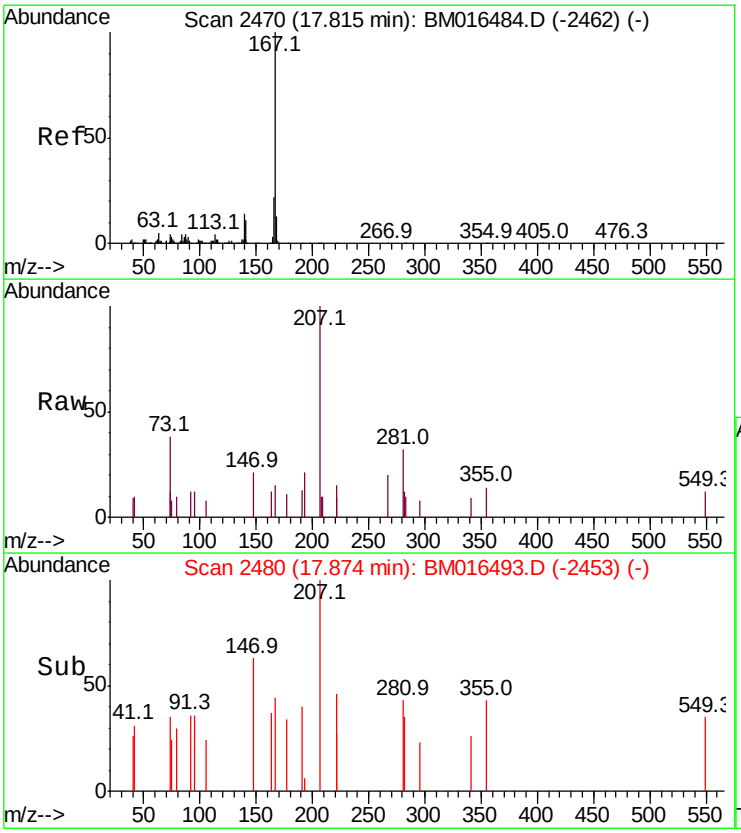
#70
Phenanthrene
Concen: 0.019 ng
RT: 17.45 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1164

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.1	18.1#

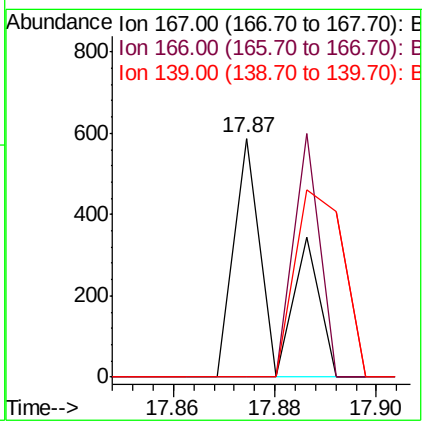


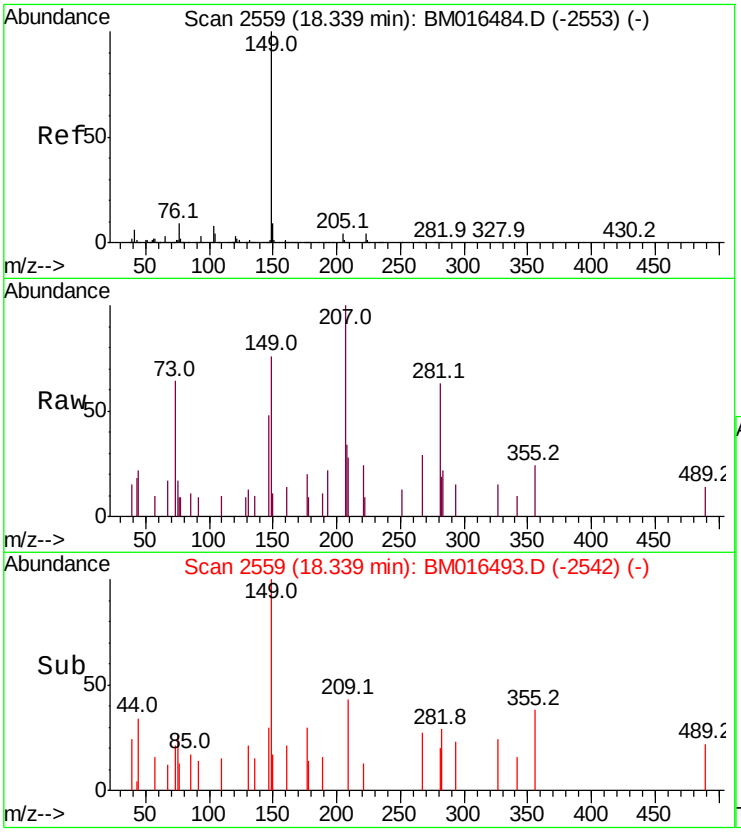


#72
Carbazole
Concen: 0.006 ng
RT: 17.87 min Scan# 2480
Delta R.T. 0.06 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:167 Resp: 329

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.2	25.8#
139	0.0	10.8	16.2#



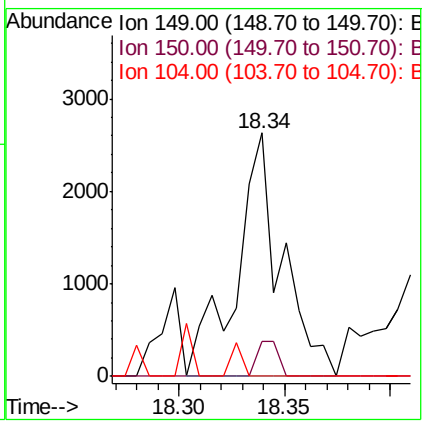


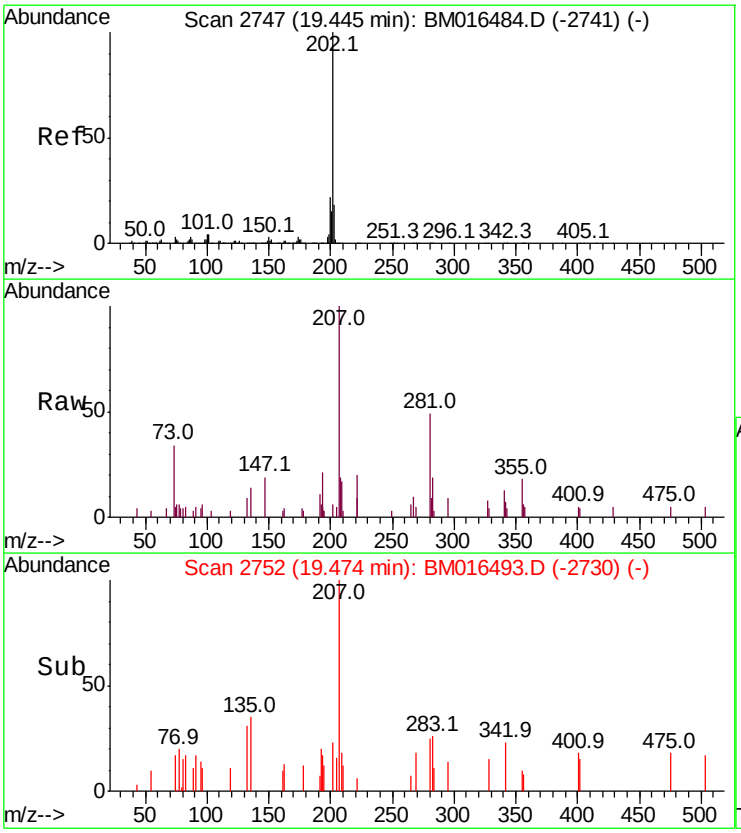
#73
Di-n-butylphthalate
Concen: 0.059 ng
RT: 18.34 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 3913

Ion	Ratio	Lower	Upper
149	100		
150	14.2	7.5	11.3#
104	0.0	3.7	5.5#

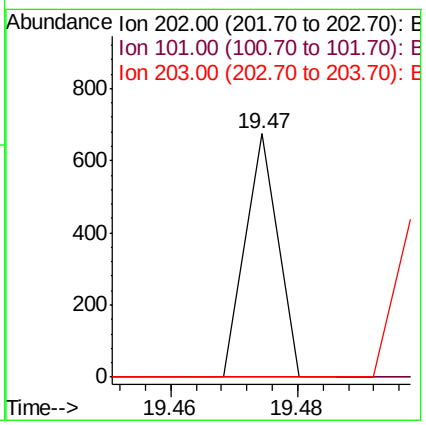


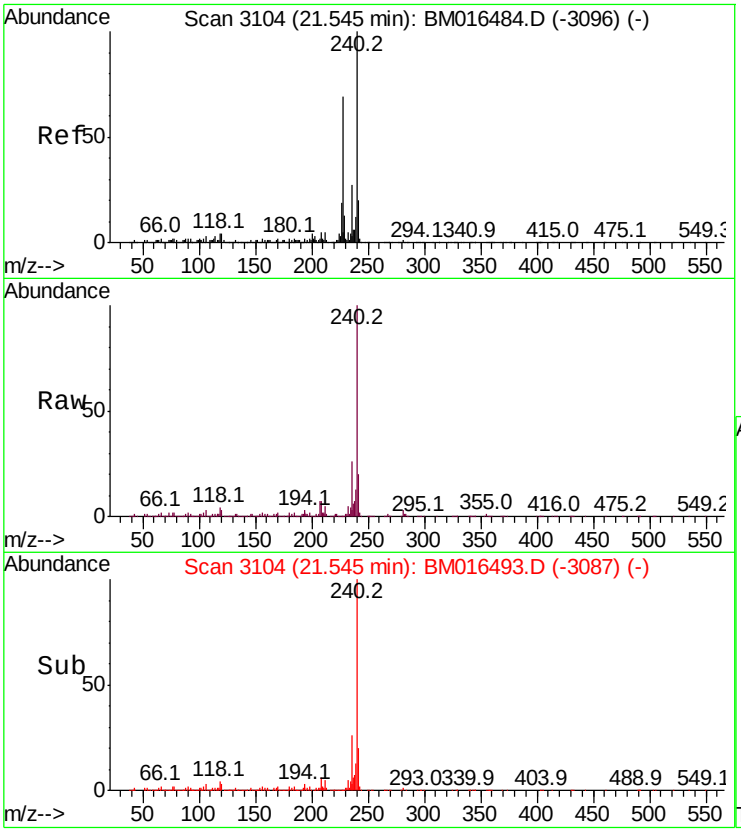


#74
Fluoranthene
Concen: 0.003 ng
RT: 19.47 min Scan# 2752
Delta R.T. 0.03 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:202 Resp: 238

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.7
203	0.0	0.0	37.2



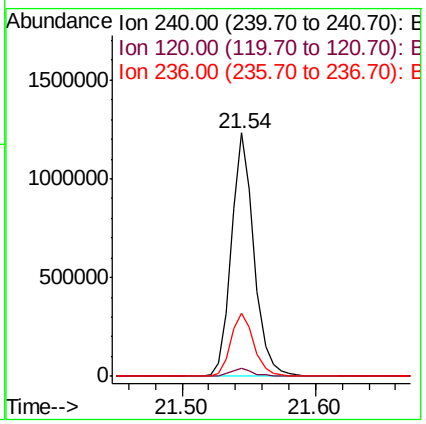


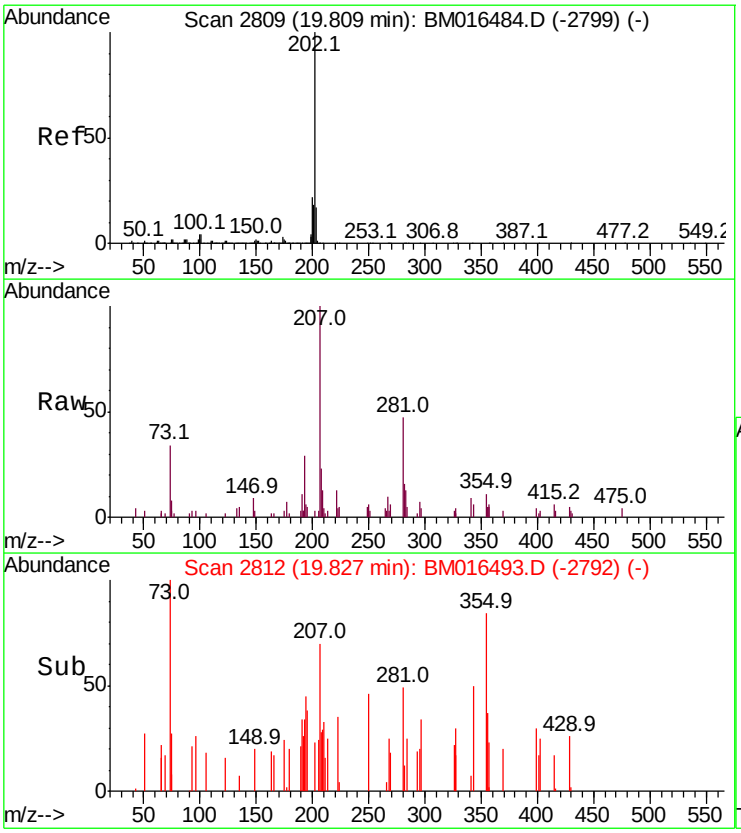
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 1457380

Ion	Ratio	Lower	Upper
240	100		
120	3.3	8.2	12.2#
236	26.1	20.0	30.0

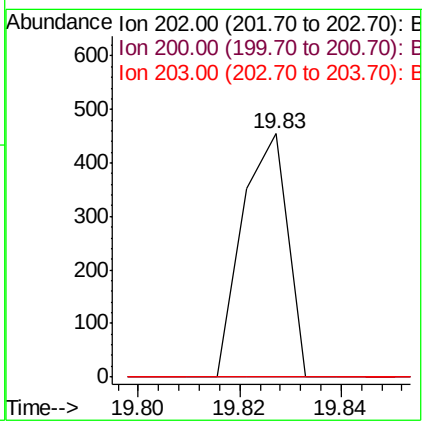


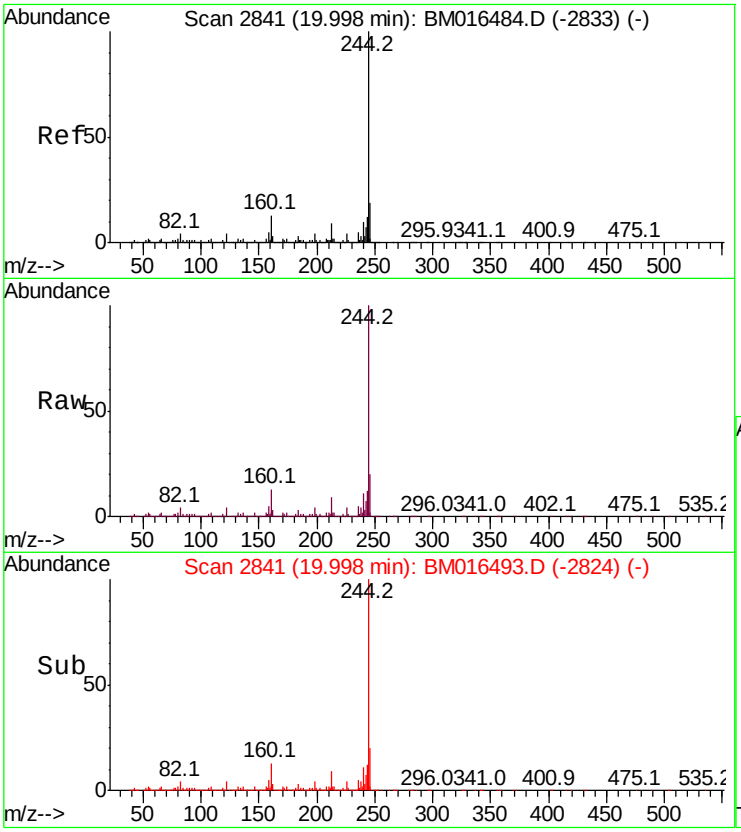


#77
Pyrene
Concen: 0.004 ng
RT: 19.83 min Scan# 2812
Delta R.T. 0.02 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:202 Resp: 285

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.1	21.1#



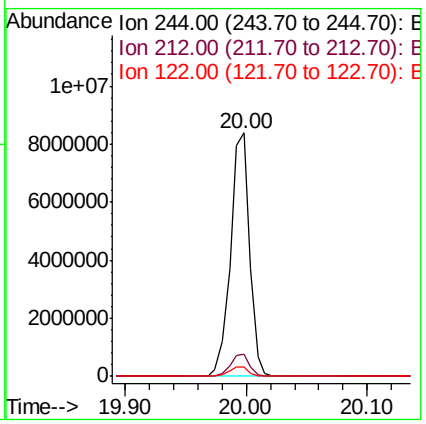


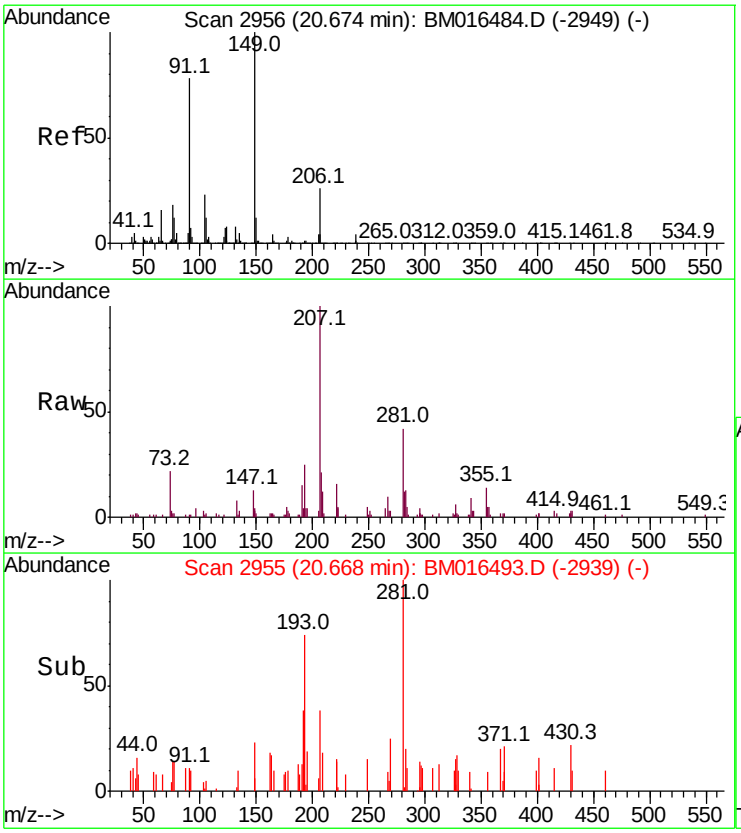
#78
Terphenyl-d14
Concen: 0.004 ng
RT: 20.00 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 9208373

Ion	Ratio	Lower	Upper
244	100		
212	9.1	4.9	7.3#
122	3.6	6.2	9.4#

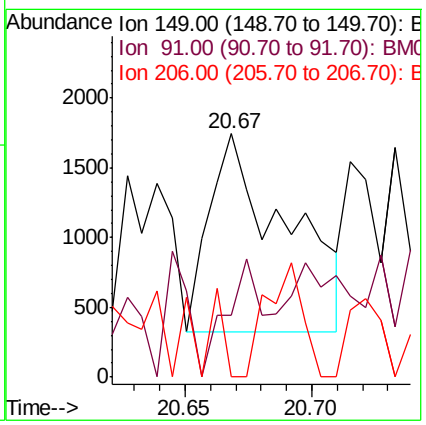


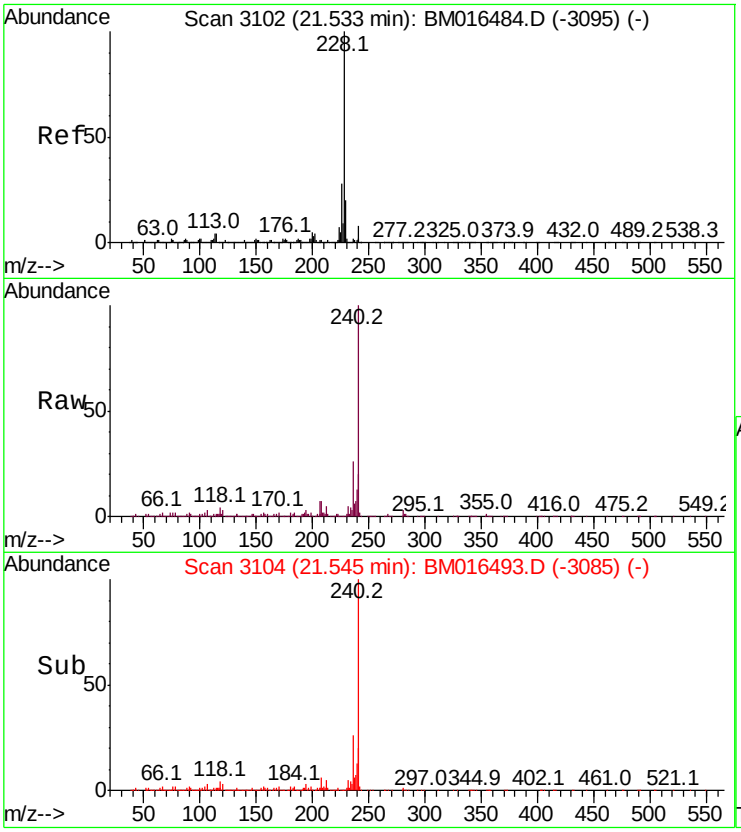


#79
Butylbenzylphthalate
Concen: 0.110 ng
RT: 20.67 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:149 Resp: 3006

Ion	Ratio	Lower	Upper
149	100		
91	25.3	50.1	75.1#
206	0.0	16.2	24.2#



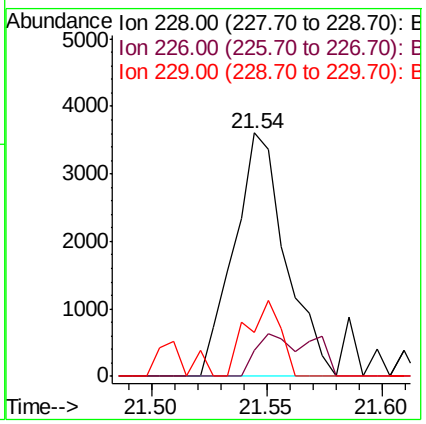


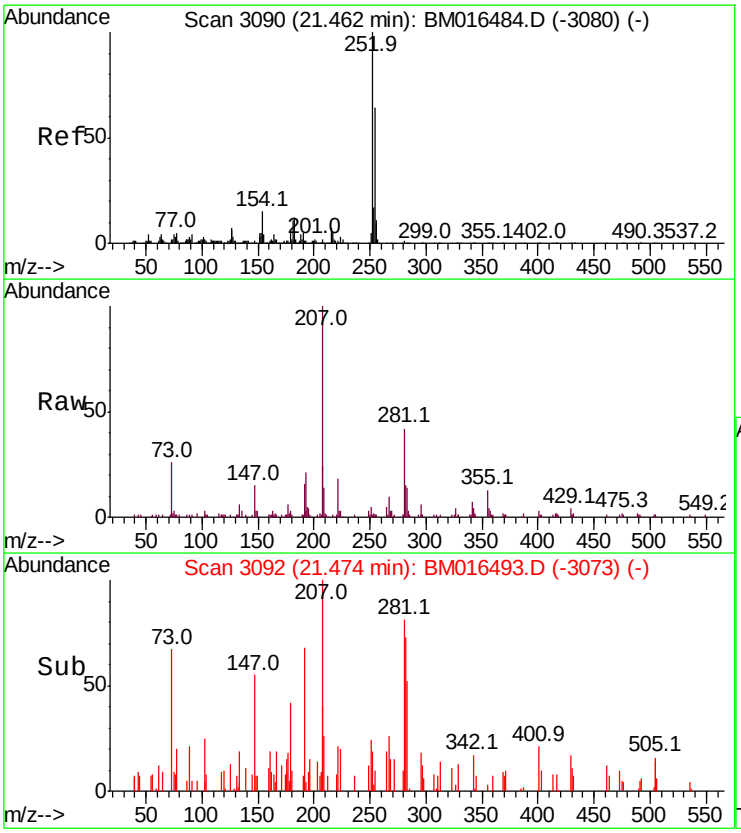
#80
Benzo(a)anthracene
Concen: 0.066 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 5630

Ion	Ratio	Lower	Upper
228	100		
226	10.9	21.7	32.5#
229	18.1	16.0	24.0

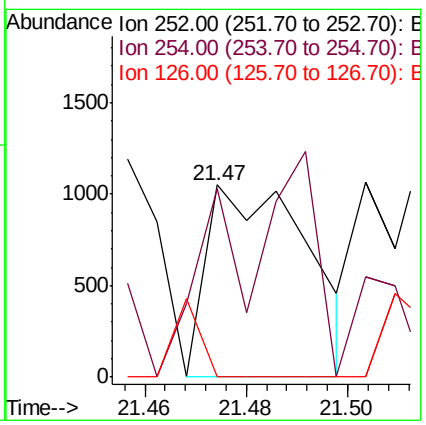


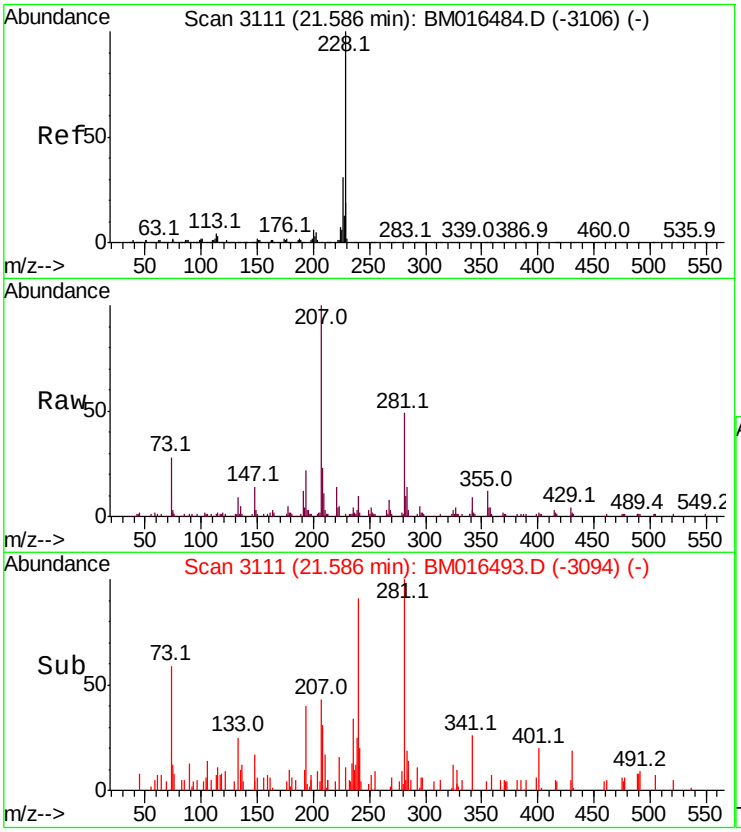


#81
3,3'-Dichlorobenzidine
Concen: 0.038 ng
RT: 21.47 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:252 Resp: 1456

Ion	Ratio	Lower	Upper
252	100		
254	98.5	51.9	77.9#
126	0.0	9.8	14.8#



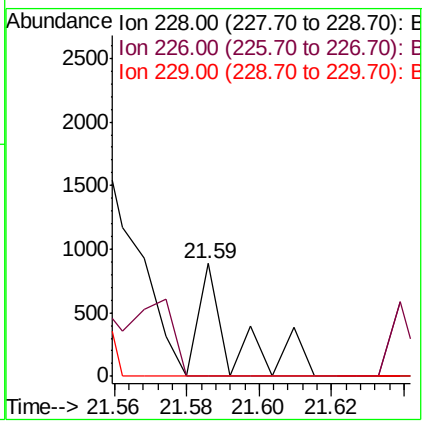


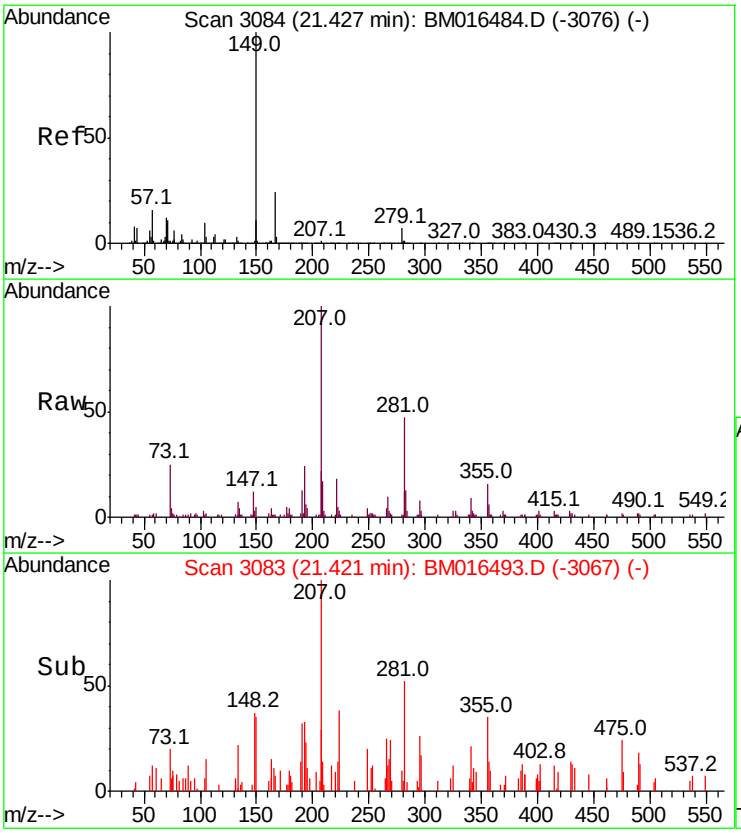
#82
Chrysene
Concen: 0.007 ng
RT: 21.59 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 590

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	0.0	15.5	23.3#

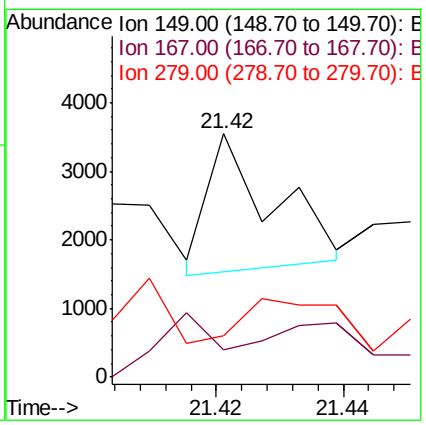


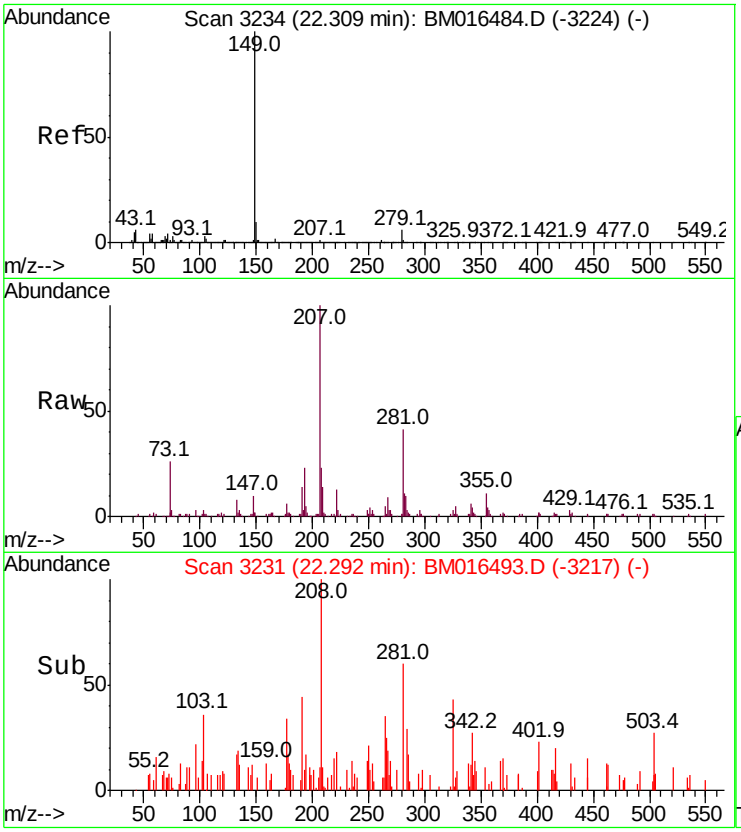


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.035 ng
RT: 21.42 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:149 Resp: 1442

Ion	Ratio	Lower	Upper
149	100		
167	11.5	22.4	33.6#
279	17.1	3.4	5.0#



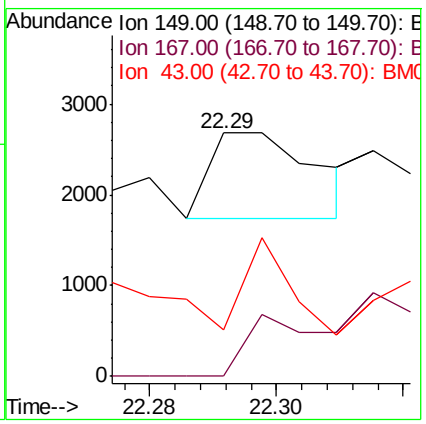


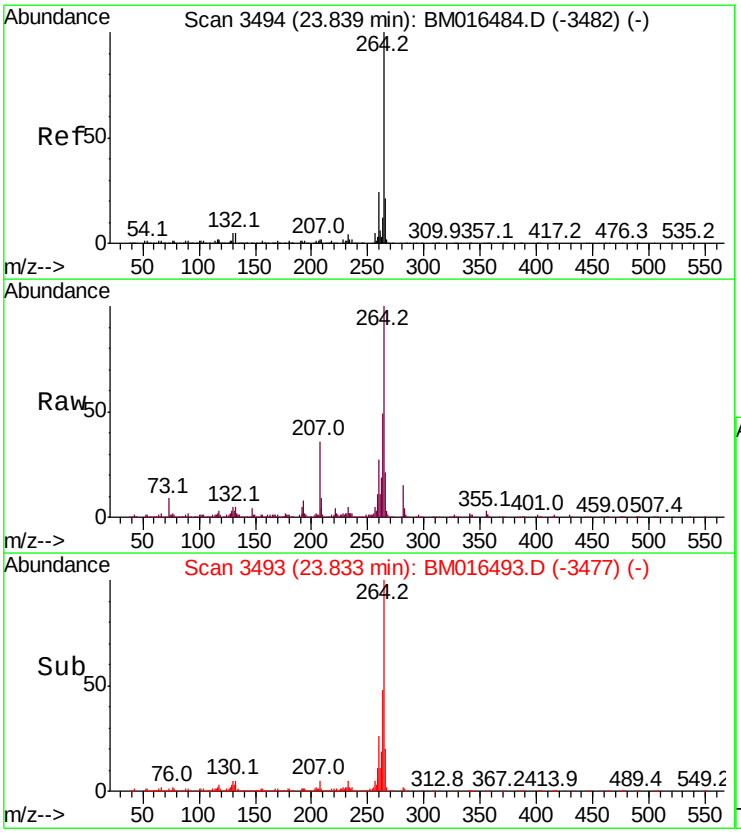
#84
Di-n-octyl phthalate
Concen: 0.016 ng
RT: 22.29 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1075

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	47.5	7.3	10.9#

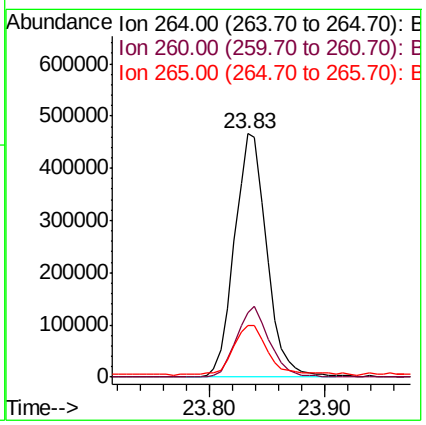


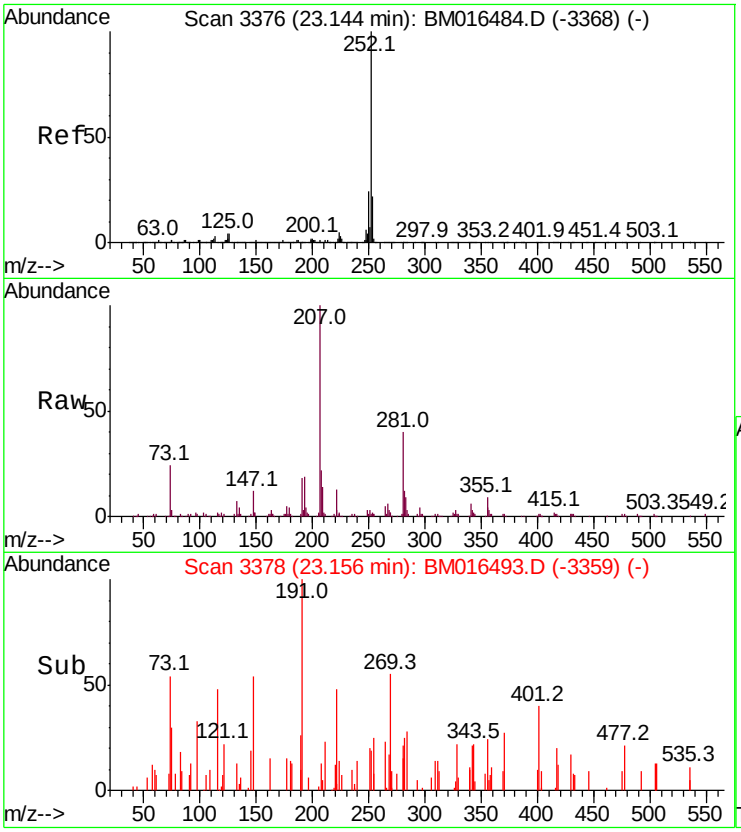


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:264 Resp: 904075

Ion	Ratio	Lower	Upper
264	100		
260	26.5	18.6	27.8
265	21.1	17.3	25.9



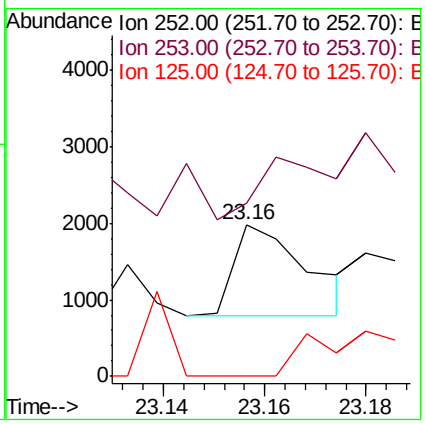


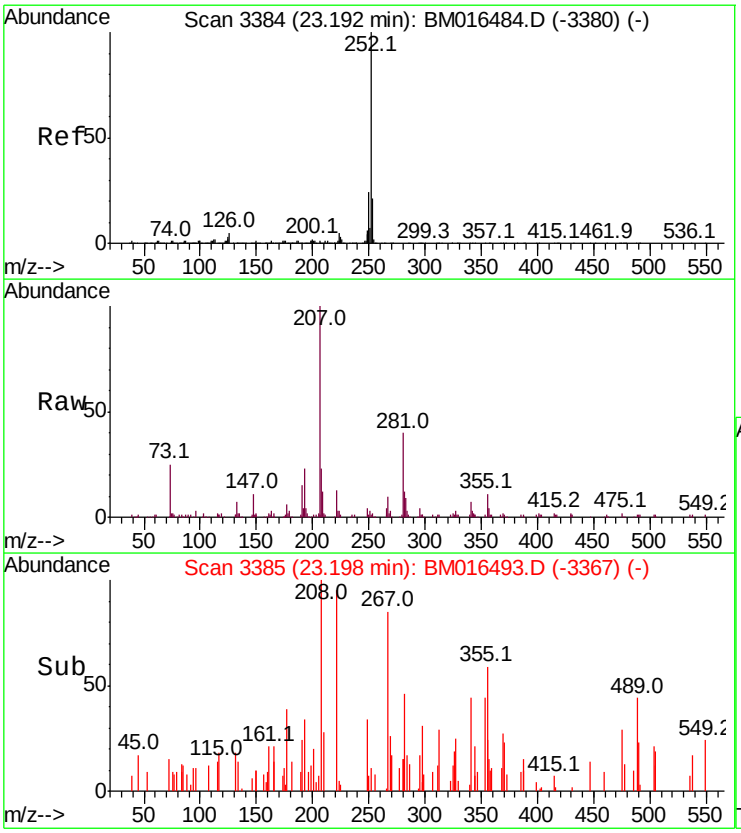
#87
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 23.16 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1171

Ion	Ratio	Lower	Upper
252	100		
253	114.2	18.0	27.0#
125	0.0	9.9	14.9#

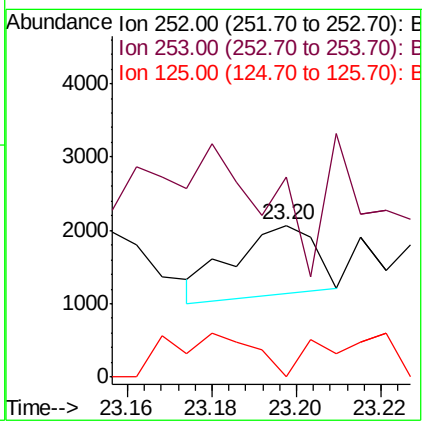


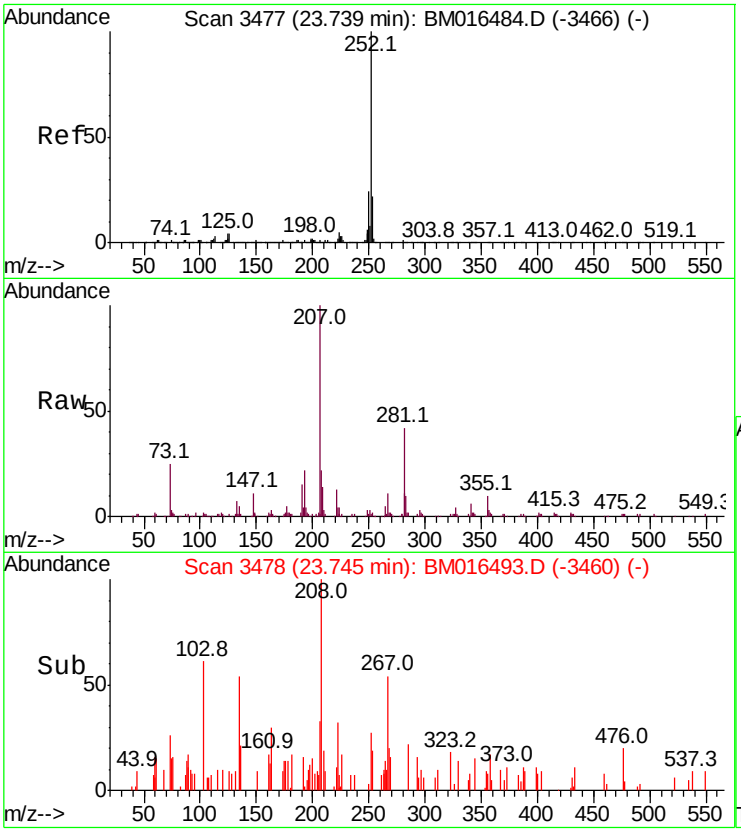


#88
Benzo(k)fluoranthene
Concen: 0.024 ng
RT: 23.20 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:252 Resp: 1285

Ion	Ratio	Lower	Upper
252	100		
253	131.8	17.2	25.8#
125	0.0	8.1	12.1#



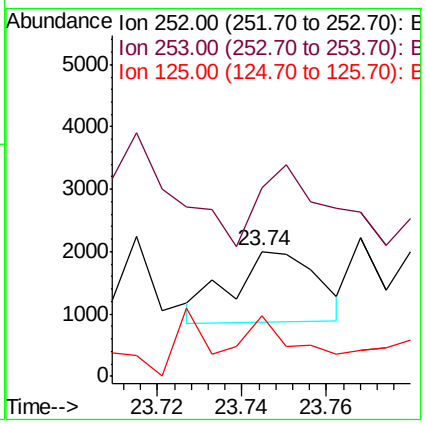


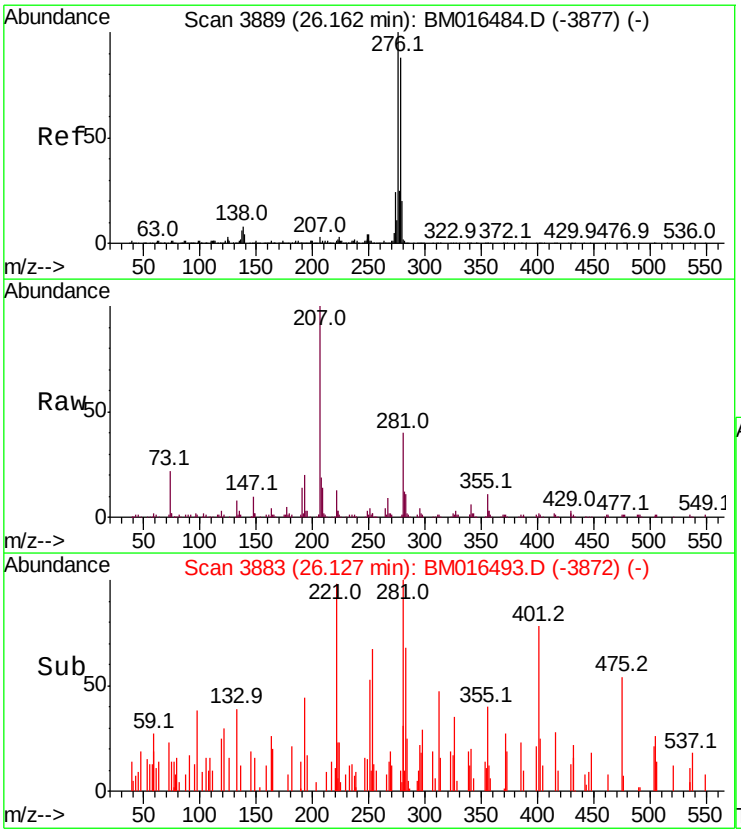
#89
Benzo(a)pyrene
Concen: 0.031 ng
RT: 23.74 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1587

Ion	Ratio	Lower	Upper
252	100		
253	150.9	17.6	26.4#
125	48.2	7.4	11.2#

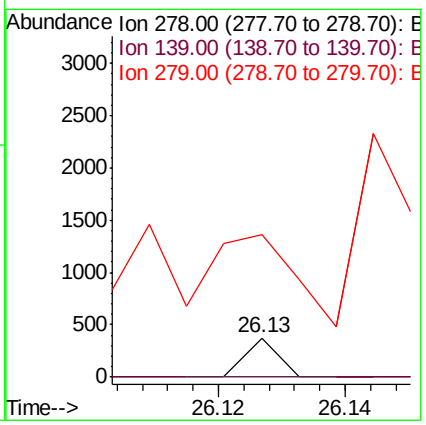


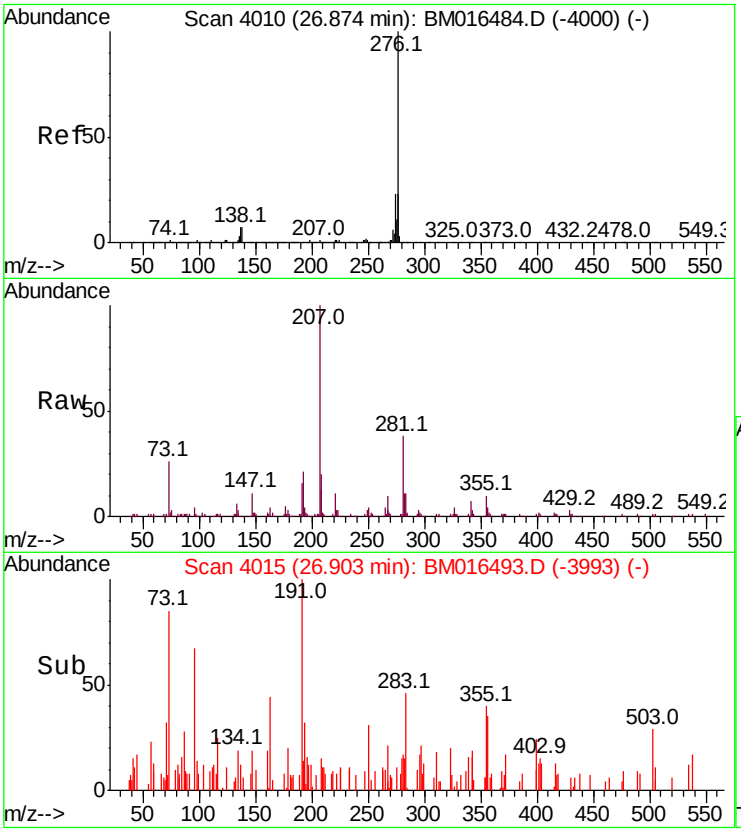


#90
Dibenzo(a,h)anthracene
Concen: 0.002 ng
RT: 26.13 min Scan# 3883
Delta R.T. -0.04 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:278 Resp: 132

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	365.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.004 ng
RT: 26.90 min Scan# 4015
Delta R.T. 0.03 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 211

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.5	27.7#
138	0.0	19.0	28.6#