Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018415.D
Acq On : 28 Dec 2018 02:27
Operator : JU/SJ
Sample : PB116035BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116035BS

Quant Time: Dec 28 05:36:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	476591	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	2245794	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	1349462	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	3031351	20.00	ng		0.00
76) Chrysene-d12	21.37	240	3109366	20.00	ng		0.00
87) Perylene-d12	23.66	264	2941816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	678138	26.83	ng		0.00
7) Phenol-d6	6.95	99	668391	19.04	ng		0.00
23) Nitrobenzene-d5	8.95	82	1661765	42.47	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	1122506	65.47	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	5039950	50.58	ng		0.00
79) Terphenyl-d14	19.81	244	9213406	63.14	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.69	79	353199	12.438	ng		99
4) n-Nitrosodimethylamine	3.62	42	157997	13.646	ng	#	93
8) 2-Chlorophenol	7.35	128	618035	20.274	ng		98
10) Phenol	6.97	94	331094	9.169	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	522928	18.578	ng		97
12) 1,3-Dichlorobenzene	7.67	146	655115	18.295	ng		99
13) 1,4-Dichlorobenzene	7.82	146	669454	18.401	ng		97
14) 1,2-Dichlorobenzene	8.13	146	662045	18.547	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	566157	12.630	ng		98
17) 2-Methylphenol	8.22	107	498581	19.490	ng		99
18) Hexachloroethane	8.86	117	223305	17.196	ng		95
19) n-Nitroso-di-n-propylamine	8.59	70	553393	20.696	ng		99
20) 3+4-Methylphenols	8.55	107	738438	21.516	ng		93
24) Nitrobenzene	8.99	77	750121	19.372	ng		98
25) Isophorone	9.51	82	1470541	21.666	ng		98
26) 2-Nitrophenol	9.70	139	342885	25.075	ng		97
27) 2,4-Dimethylphenol	9.75	122	568597	20.225	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	772406	18.132	ng		99
29) 2,4-Dichlorophenol	10.22	162	771414	24.809	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	713784	18.739	ng		97
31) Naphthalene	10.63	128	2208048	20.399	ng		99
32) Benzoic acid	9.83	122	93766	10.246	ng		98
34) Hexachlorobutadiene	10.90	225	401952	17.379	ng		98
36) 4-Chloro-3-methylphenol	11.86	107	1043617	29.610	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	906176	21.450	ng		99
41) Hexachlorocyclopentadiene	12.58	237	380127	18.557	ng		100
43) 2,4,6-Trichlorophenol	12.86	196	752170	31.344	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	914830	34.885	ng		99
46) 1,1'-Biphenyl	13.26	154	12329	0.107	ng		92
47) 2-Chloronaphthalene	13.30	162	1992442	22.559	ng		99
49) Acenaphthylene	14.15	152	3455948	25.416	ng		99
50) Dimethylphthalate	13.89	163	3136291	27.818	ng		99
51) 2,6-Dinitrotoluene	14.02	165	657821	27.801	ng		95
52) Acenaphthene	14.50	154	2097057	25.556	ng		97

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116035BS

Quant Time: Dec 28 05:36:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 2,4-Dinitrophenol	14.55	184	236943	39.532	ng		90
55) Dibenzofuran	14.83	168	10113m	0.075	ng		
56) 4-Nitrophenol	14.64	139	251557	15.974	ng		97
57) 2,4-Dinitrotoluene	14.80	165	1008471	31.500	ng		95
58) Fluorene	15.48	166	2954438	28.250	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	740143	30.562	ng		99
60) Diethylphthalate	15.26	149	3384104	28.698	ng		99
61) 4-Chlorophenyl-phenylether	15.48	204	1436338	24.998	ng		97
62) 4-Nitroaniline	15.48	138	39769	1.420	ng	#	33
63) Azobenzene	15.77	77	2741059	25.504	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	411177	35.973	ng		89
66) n-Nitrosodiphenylamine	15.70	169	2172307	22.993	ng		100
67) 4-Bromophenyl-phenylether	16.37	248	914514	27.704	ng		97
68) Hexachlorobenzene	16.47	284	1076820	28.797	ng		99
70) Pentachlorophenol	16.82	266	586361	26.892	ng		99
71) Phenanthrene	17.23	178	4958862	30.903	ng		100
72) Anthracene	17.32	178	4957309	31.011	ng		100
73) Carbazole	17.59	167	4915628	29.280	ng		99
74) Di-n-butylphthalate	18.15	149	6100857	31.974	ng		100
75) Fluoranthene	19.24	202	5891014	30.999	ng		100
77) Benzidine	19.44	184	4555350	51.254	ng		100
78) Pyrene	19.60	202	6162020	34.142	ng		99
80) Butylbenzylphthalate	20.51	149	2767612	35.776	ng		99
81) Benzo(a)anthracene	21.36	228	5875738	32.173	ng		99
82) 3,3'-Dichlorobenzidine	21.30	252	5006850	71.360	ng		99
83) Chrysene	21.41	228	5652197	32.080	ng		99
84) Bis(2-ethylhexyl)phthalate	21.28	149	4139690	34.024	ng		100
85) Di-n-octyl phthalate	22.18	149	6893328	34.276	ng		98
86) Indeno(1,2,3-cd)pyrene	26.00	276	5244753	24.048	ng		99
88) Benzo(b)fluoranthene	22.97	252	5691755	34.688	ng		100
89) Benzo(k)fluoranthene	23.01	252	5583131	34.020	ng		99
90) Benzo(a)pyrene	23.56	252	4916362	31.190	ng		99
91) Dibenzo(a,h)anthracene	26.01	278	4503837	27.438	ng		99
92) Benzo(g,h,i)perylene	26.71	276	3991686	25.397	ng		97

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

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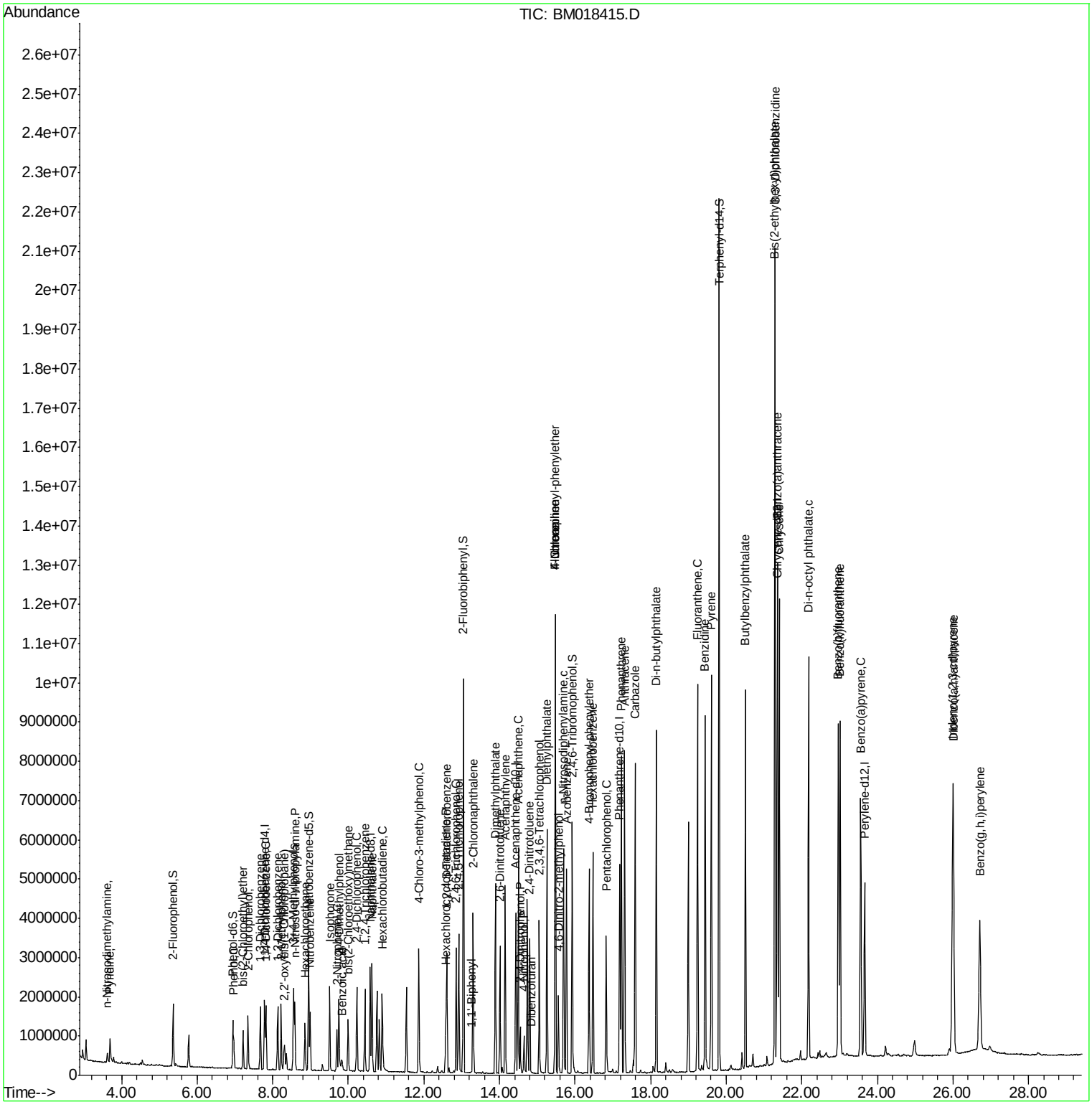
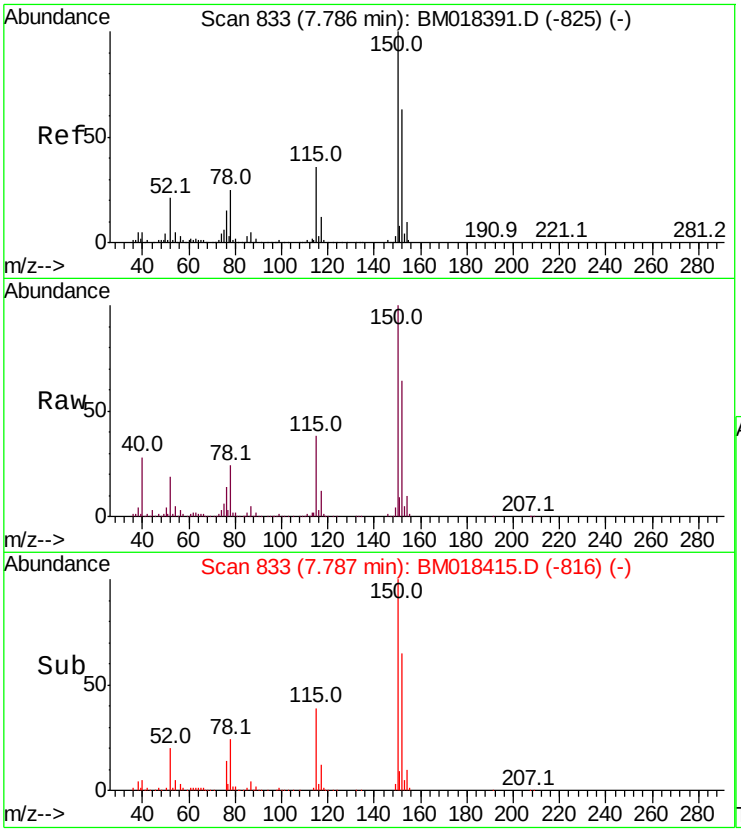


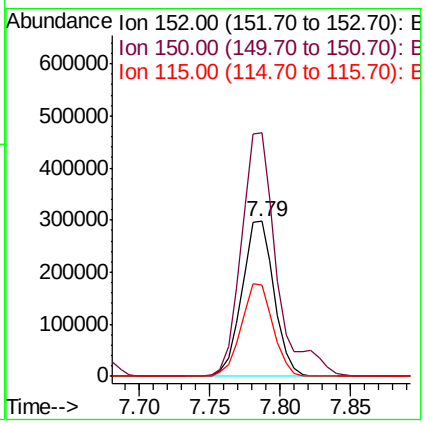


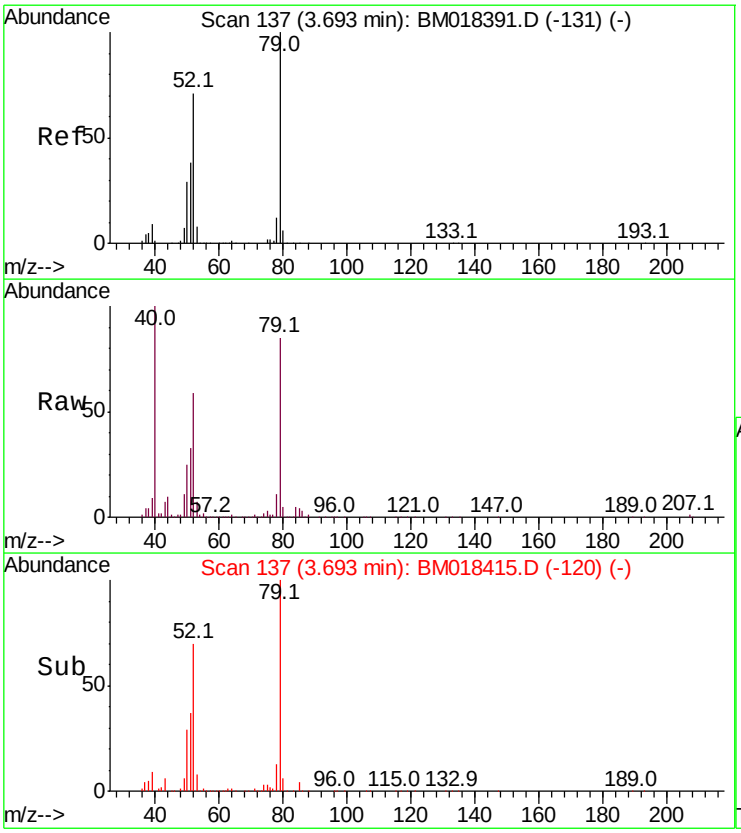
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 833
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:152 Resp: 476591

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.9	190.3
115	59.1	45.5	68.3

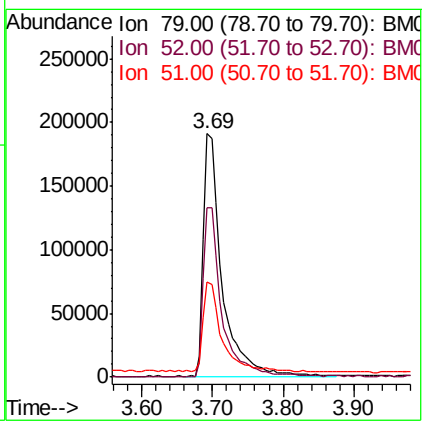


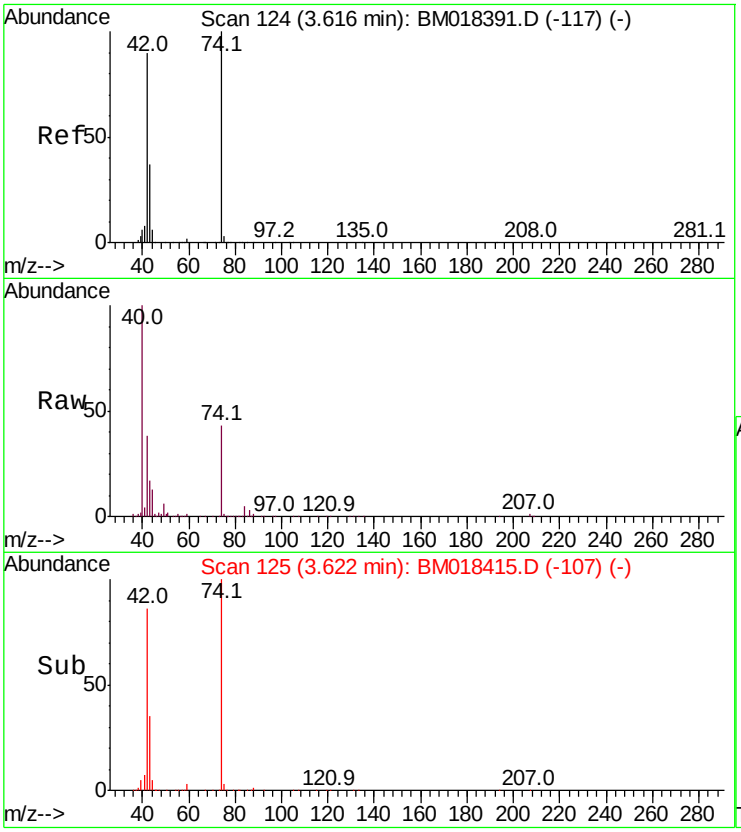


#3
Pyridine
Concen: 12.438 ng
RT: 3.69 min Scan# 137
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion: 79 Resp: 353199

Ion	Ratio	Lower	Upper
79	100		
52	69.4	56.4	84.6
51	39.2	31.0	46.4



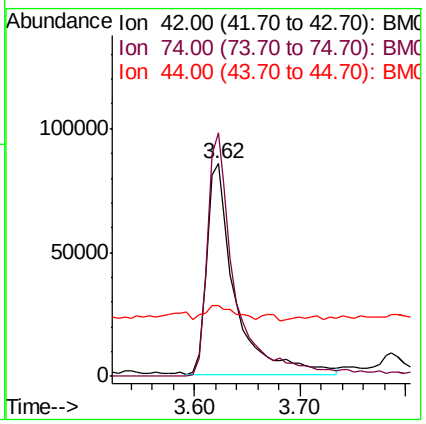


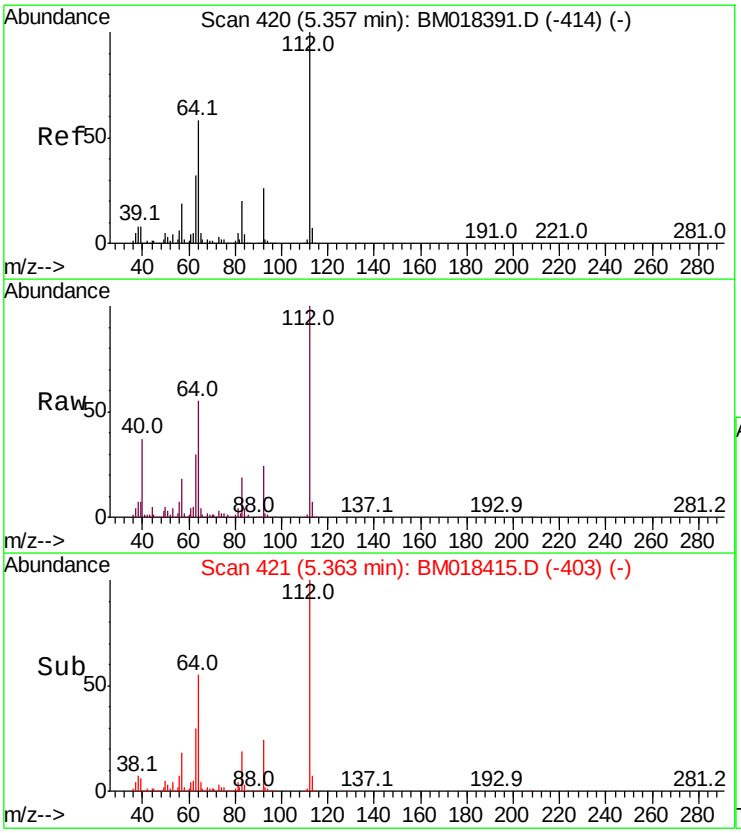
#4
n-Nitrosodimethylamine
Concen: 13.646 ng
RT: 3.62 min Scan# 125
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion: 42 Resp: 157997

Ion	Ratio	Lower	Upper
42	100		
74	114.5	88.6	132.8
44	33.1	16.9	25.3#

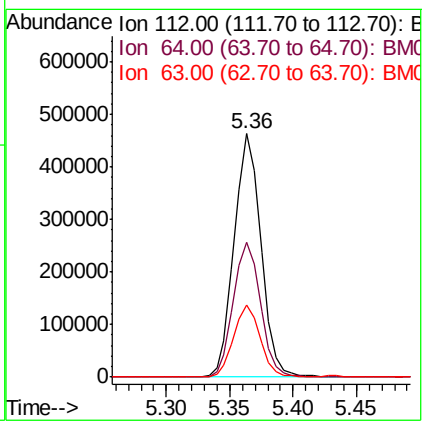


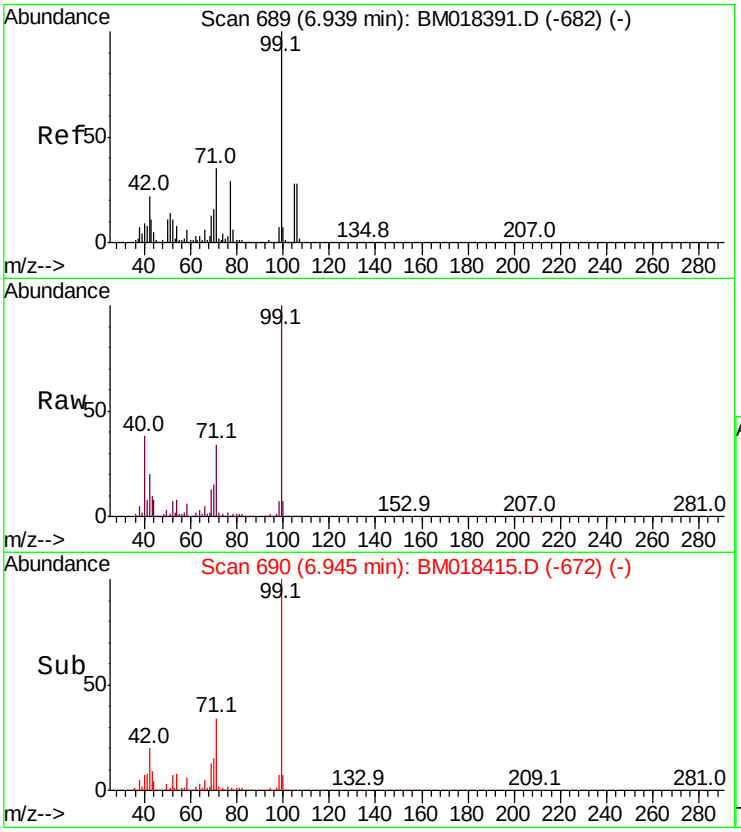


#5
2-Fluorophenol
Concen: 26.827 ng
RT: 5.36 min Scan# 421
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:112 Resp: 678138

Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.5	69.7
63	29.6	25.2	37.8



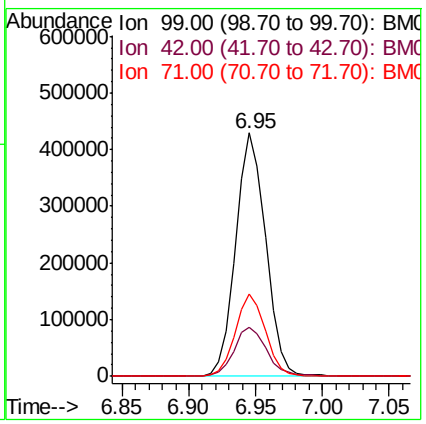


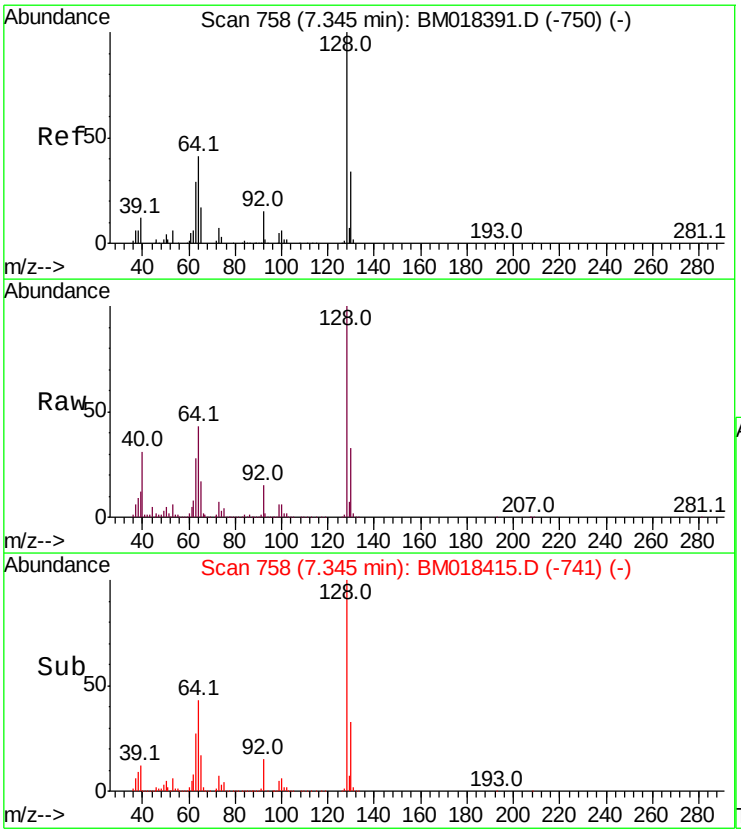
#7
Phenol-d6
Concen: 19.042 ng
RT: 6.95 min Scan# 690
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion: 99 Resp: 668391

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.3	25.9
71	33.7	28.0	42.0

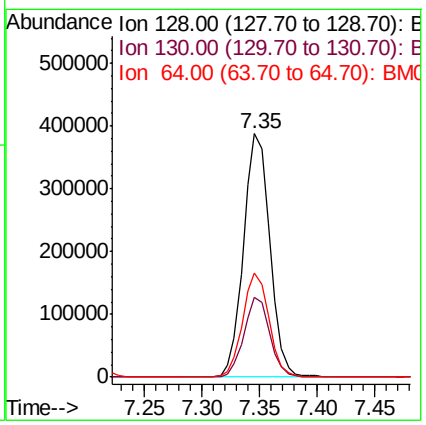


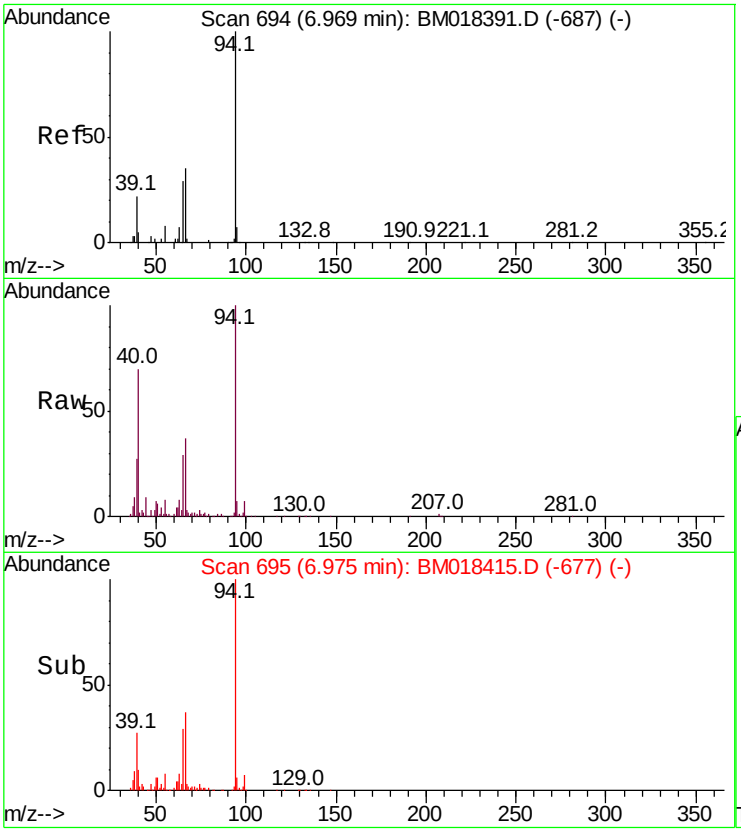


#8
2-Chlorophenol
Concen: 20.274 ng
RT: 7.35 min Scan# 758
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:128 Resp: 618035

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.6	53.6
64	42.6	24.8	64.8



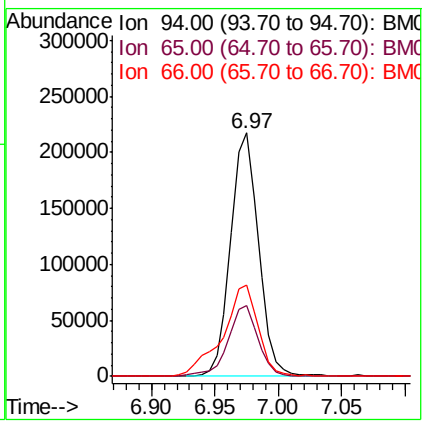


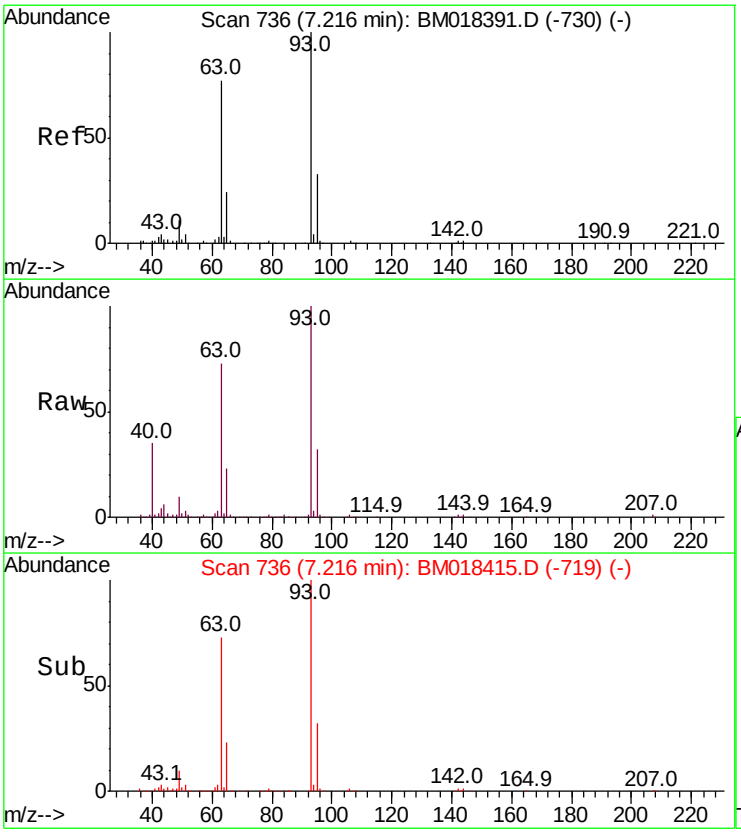
#10
Phenol
Concen: 9.169 ng
RT: 6.97 min Scan# 695
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion: 94 Resp: 331094

Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.4	49.4
66	37.5	19.1	59.1

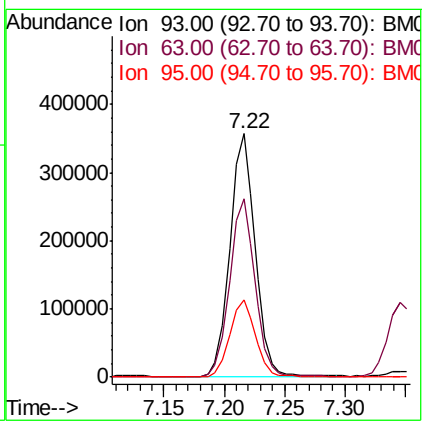


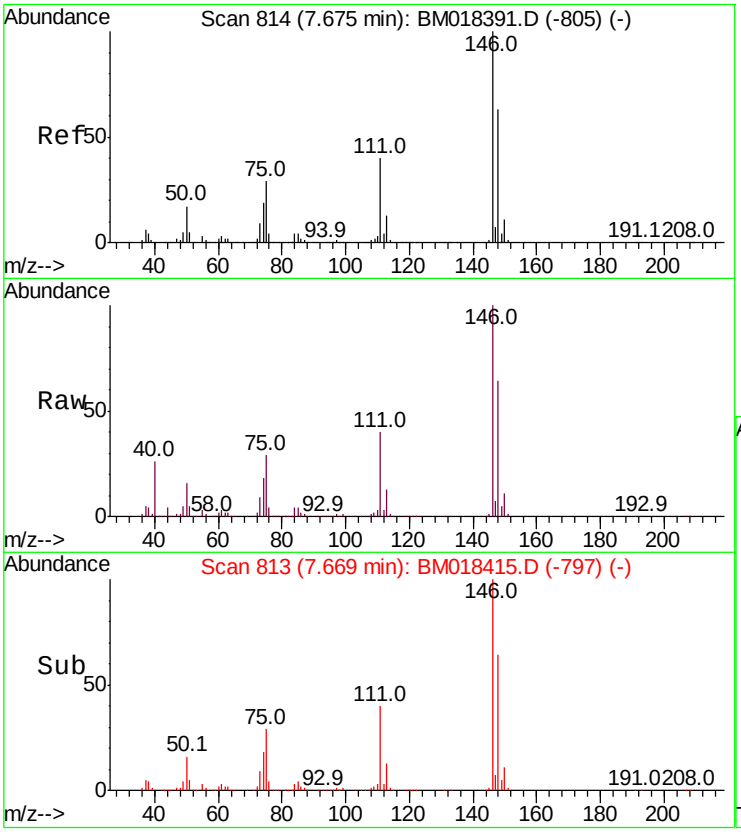


#11
bis(2-Chloroethyl)ether
Concen: 18.578 ng
RT: 7.22 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion: 93 Resp: 522928

Ion	Ratio	Lower	Upper
93	100		
63	73.0	56.4	96.4
95	31.7	12.7	52.7



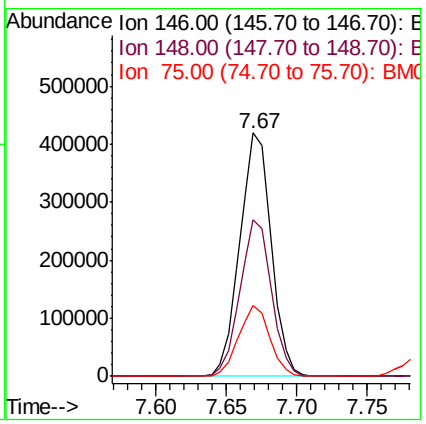


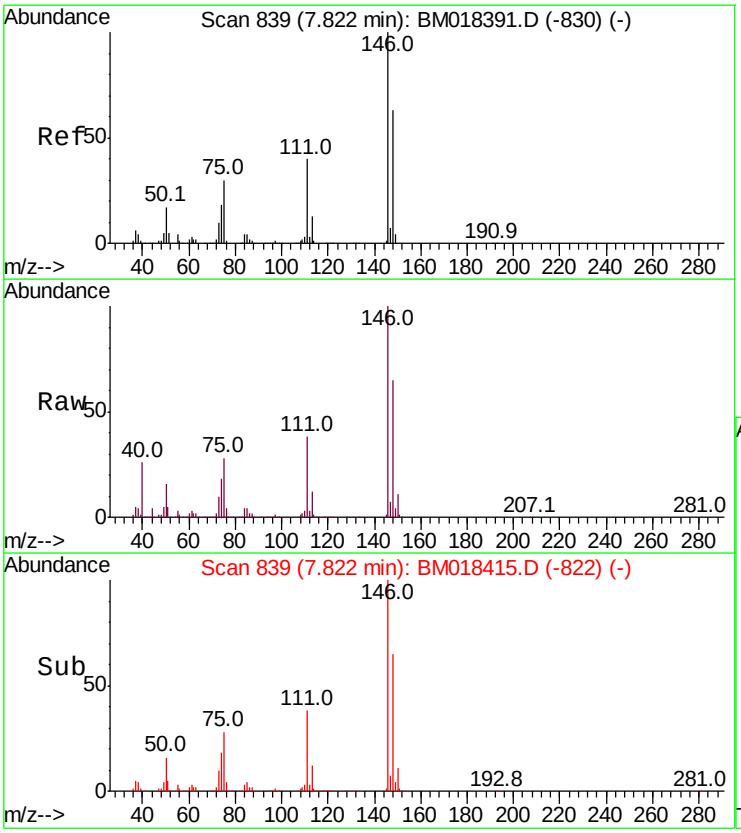
#12
1,3-Dichlorobenzene
Concen: 18.295 ng
RT: 7.67 min Scan# 813
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:146 Resp: 655115

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
75	28.9	23.0	34.6

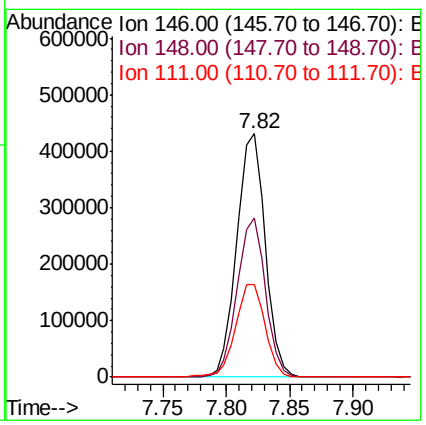


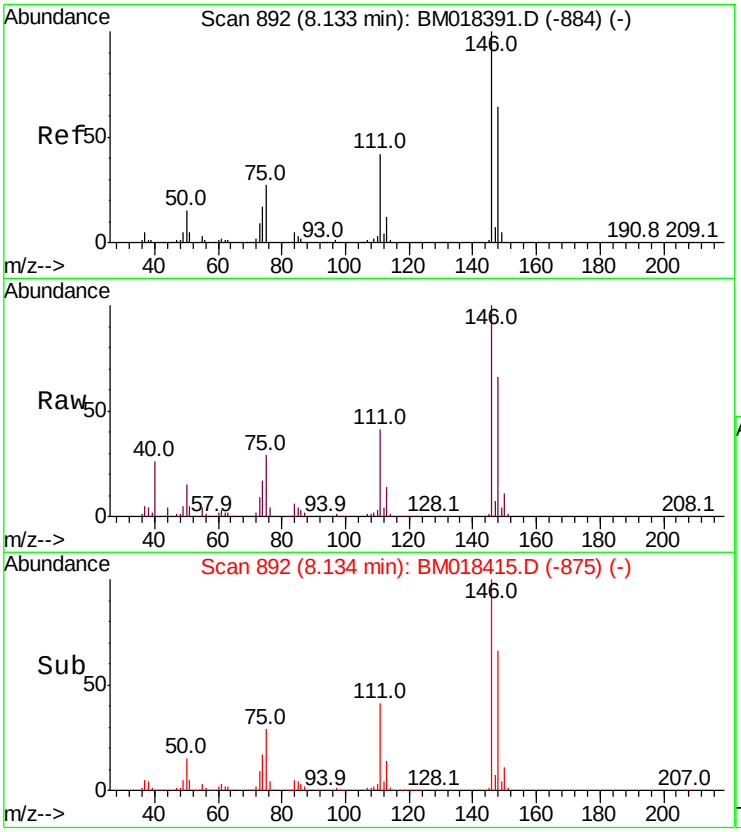


#13
1,4-Dichlorobenzene
Concen: 18.401 ng
RT: 7.82 min Scan# 839
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:146 Resp: 669454

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	38.1	32.2	48.2



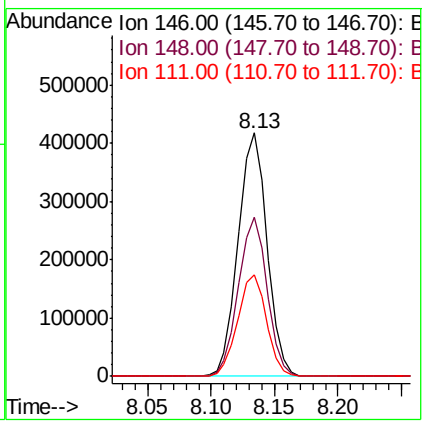


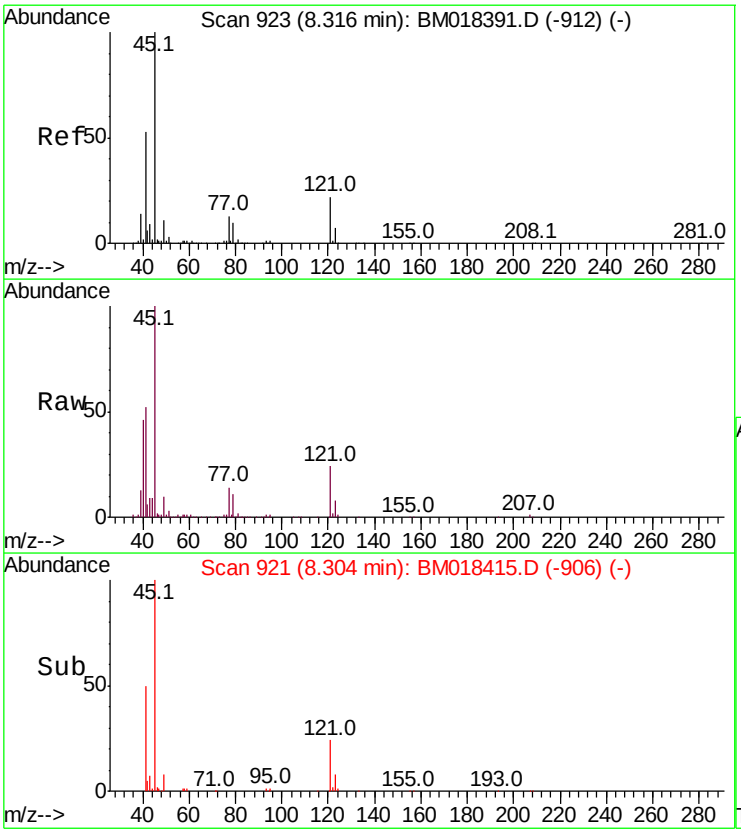
#14
1,2-Dichlorobenzene
Concen: 18.547 ng
RT: 8.13 min Scan# 892
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:146 Resp: 662045

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.6
111	41.4	33.8	50.6

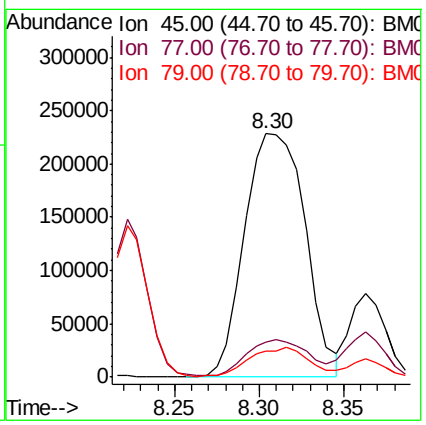


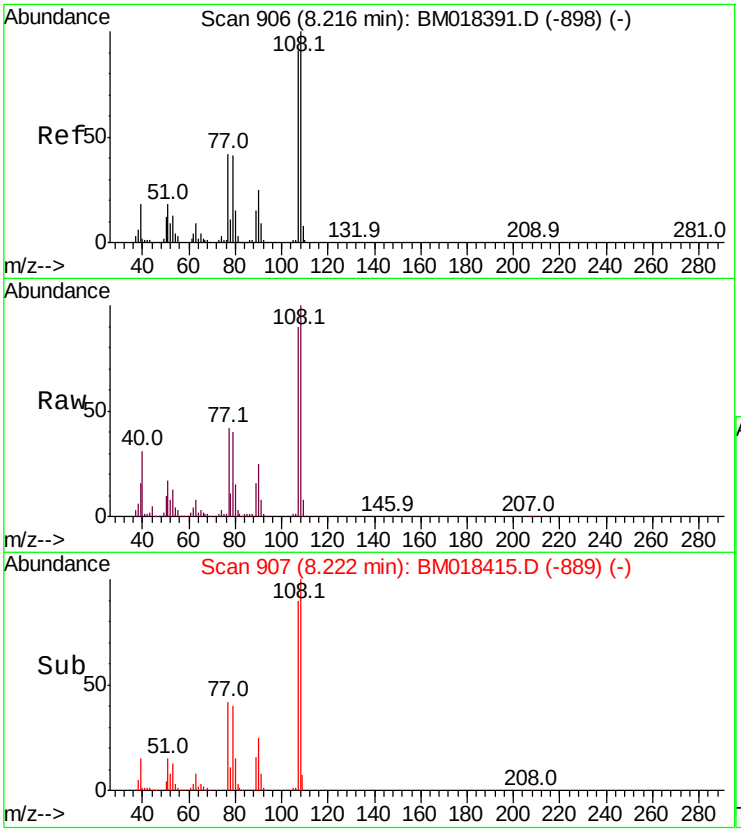


#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.630 ng
RT: 8.30 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion: 45 Resp: 566157

Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.4
79	10.9	0.0	31.1



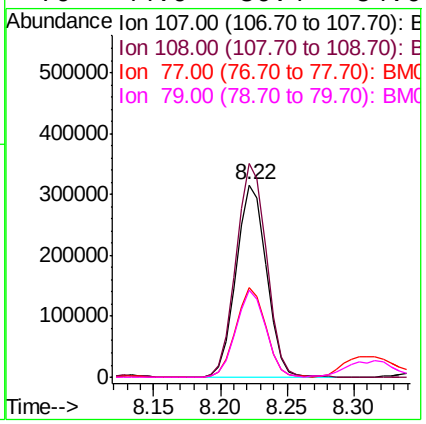


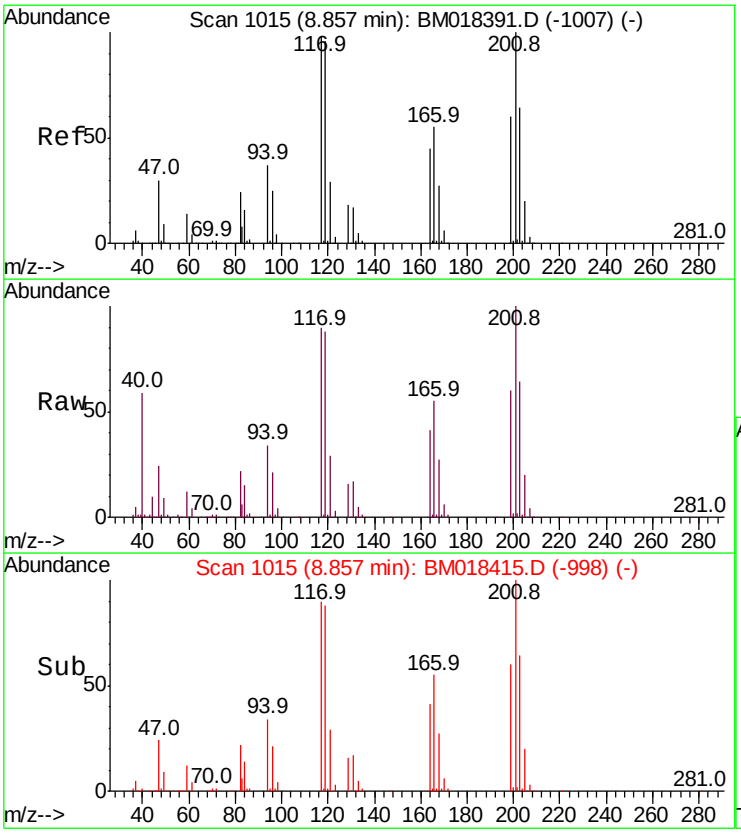
#17
2-Methylphenol
Concen: 19.490 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:107 Resp: 498581

Ion	Ratio	Lower	Upper
107	100		
108	111.0	87.5	131.3
77	46.7	37.3	55.9
79	44.9	36.4	54.6

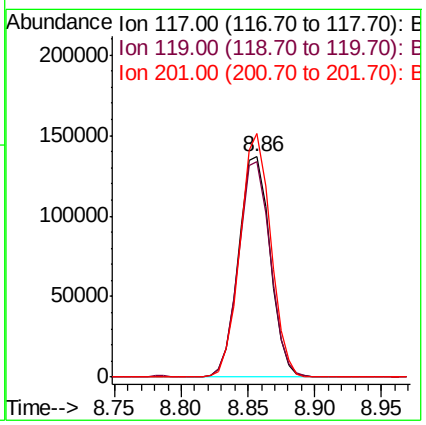


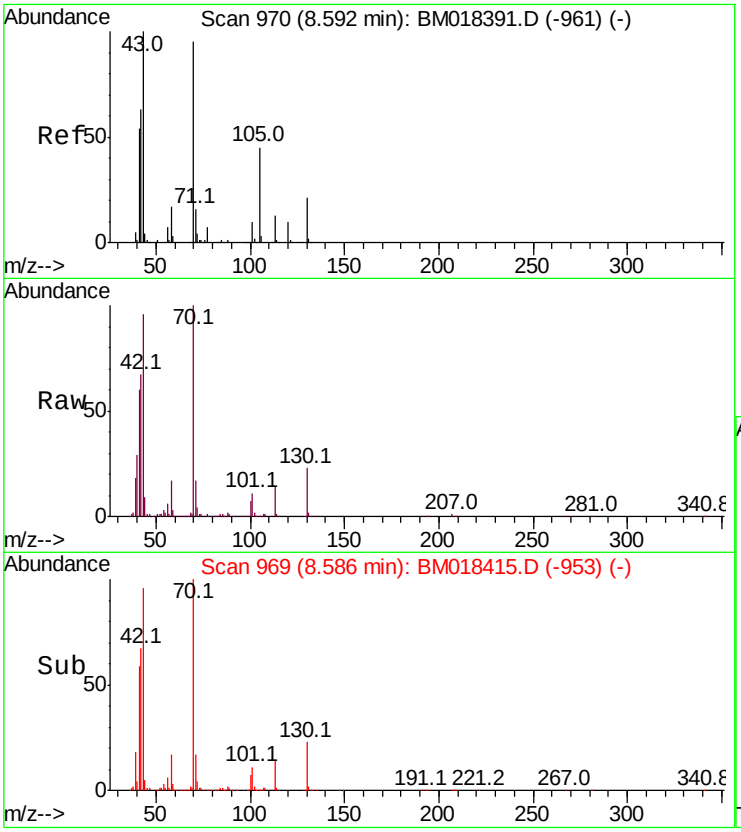


#18
Hexachloroethane
Concen: 17.196 ng
RT: 8.86 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:117 Resp: 223305

Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.3	117.5
201	110.7	81.4	122.0



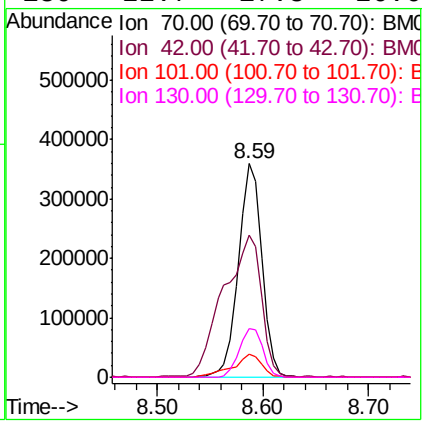


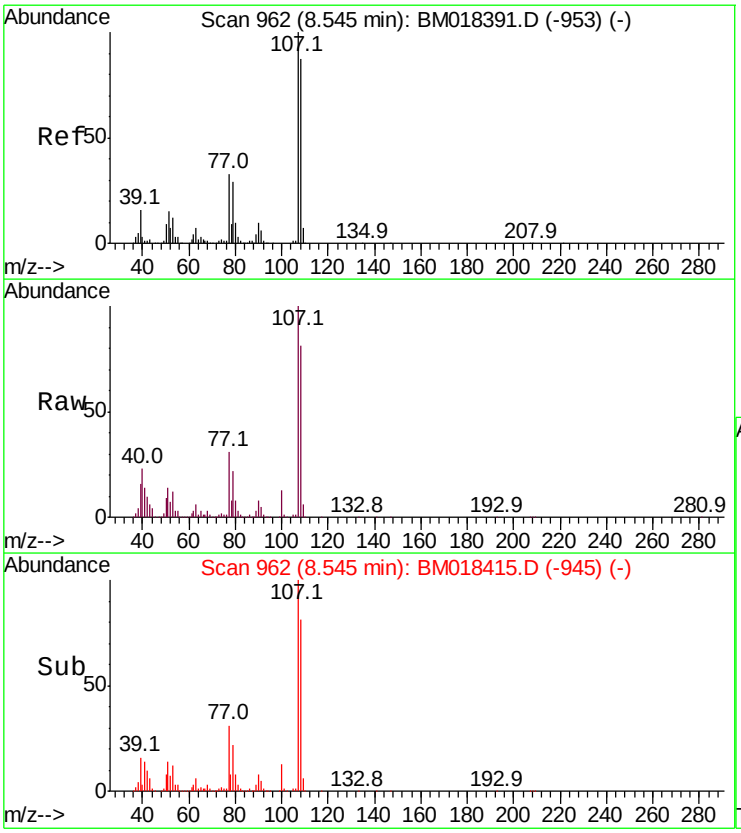
#19
n-Nitroso-di-n-propylamine
Concen: 20.696 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion: 70 Resp: 553393

Ion	Ratio	Lower	Upper
70	100		
42	66.8	54.0	81.0
101	10.8	8.1	12.1
130	22.7	17.8	26.6

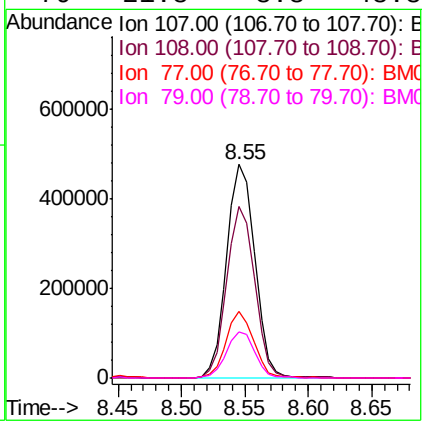


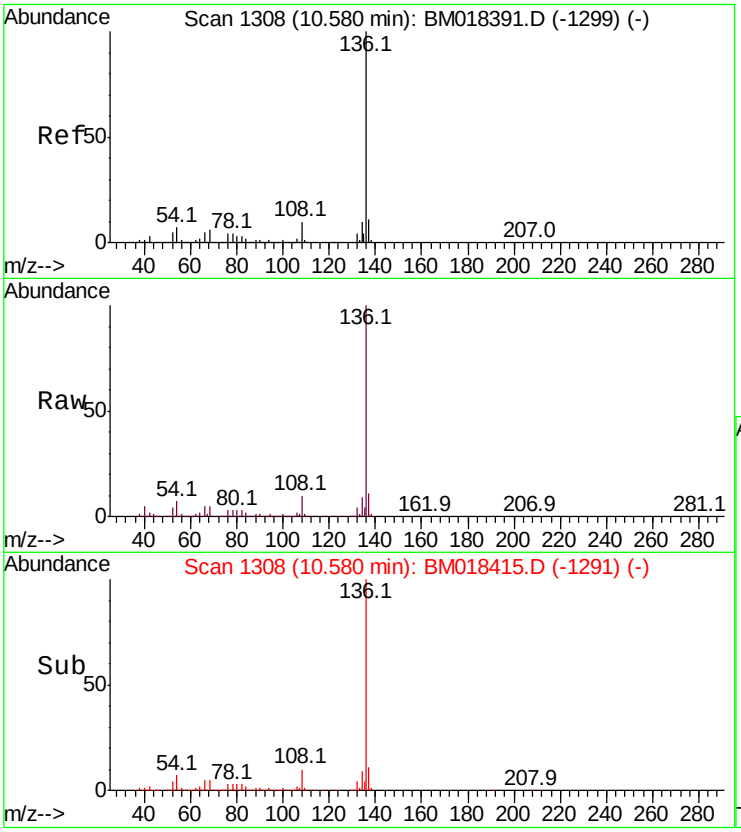


#20
3+4-Methylphenols
Concen: 21.516 ng
RT: 8.55 min Scan# 962
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:107 Resp: 738438

Ion	Ratio	Lower	Upper
107	100		
108	80.5	66.8	106.8
77	31.4	13.3	53.3
79	21.8	8.8	48.8



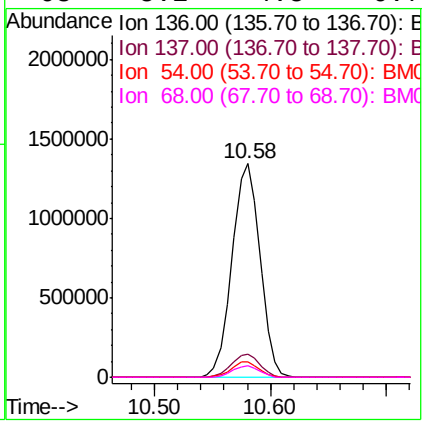


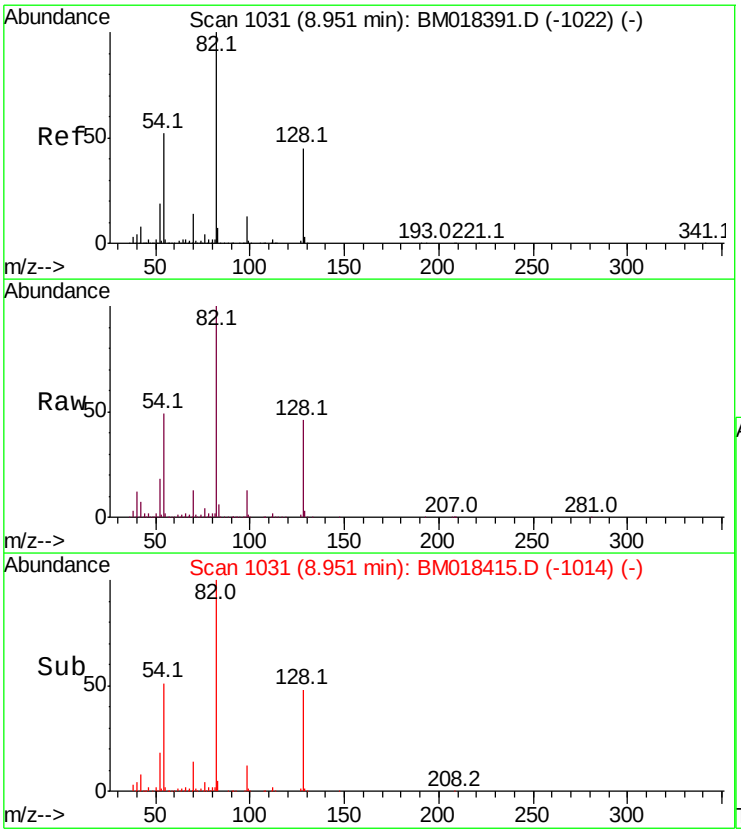
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument : BNA_M
ClientSampleId : PB116035BS

Tgt Ion:136 Resp: 2245794

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.2	6.0	9.0
68	5.2	4.5	6.7

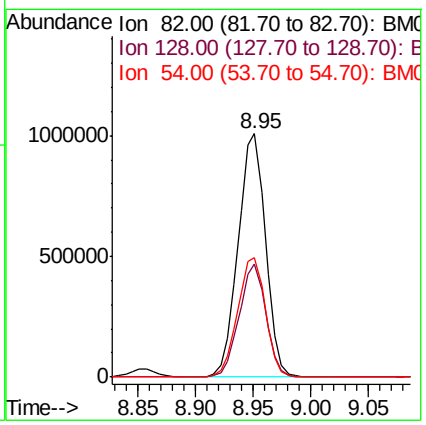


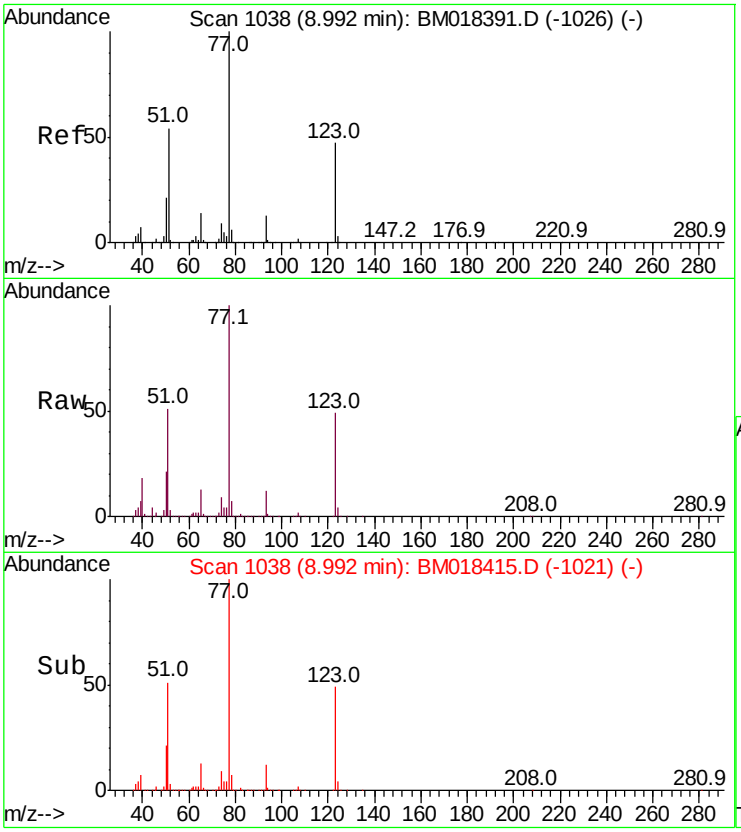


#23
Nitrobenzene-d5
Concen: 42.468 ng
RT: 8.95 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion: 82 Resp: 1661765

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	49.2	41.7	62.5



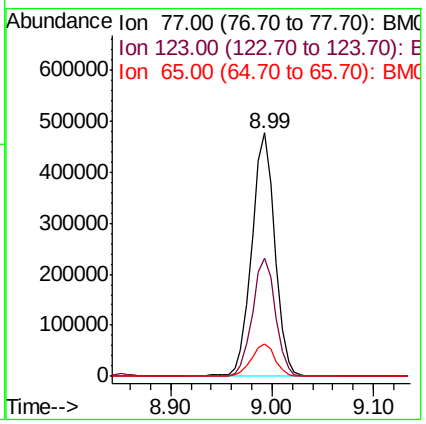


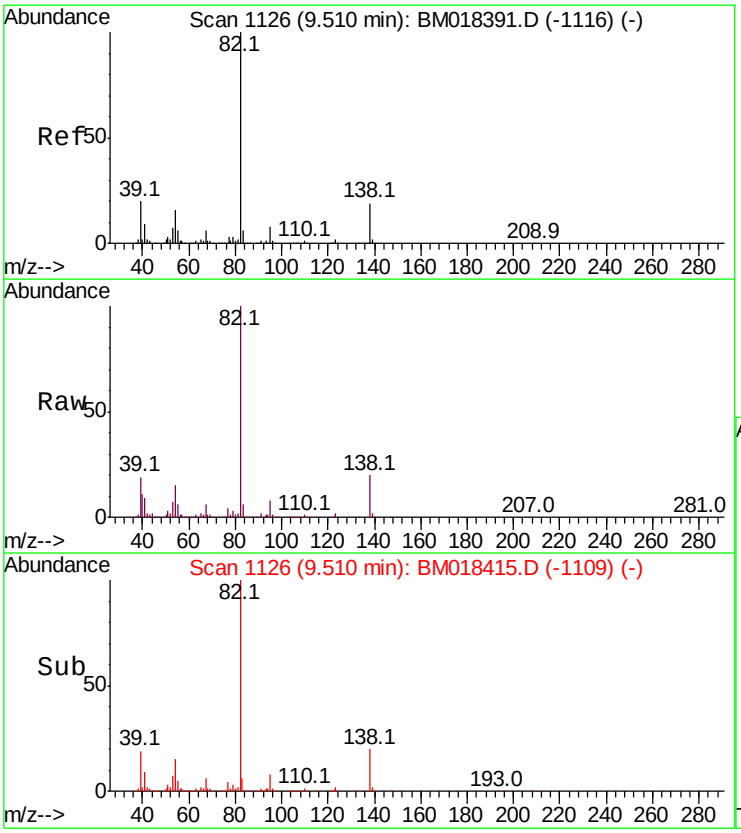
#24
Nitrobenzene
Concen: 19.372 ng
RT: 8.99 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion: 77 Resp: 750121

Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.7	56.5
65	13.4	11.0	16.6

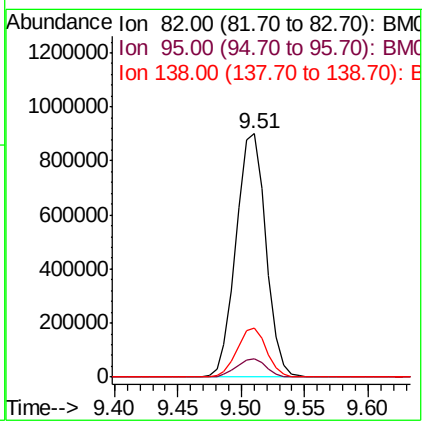


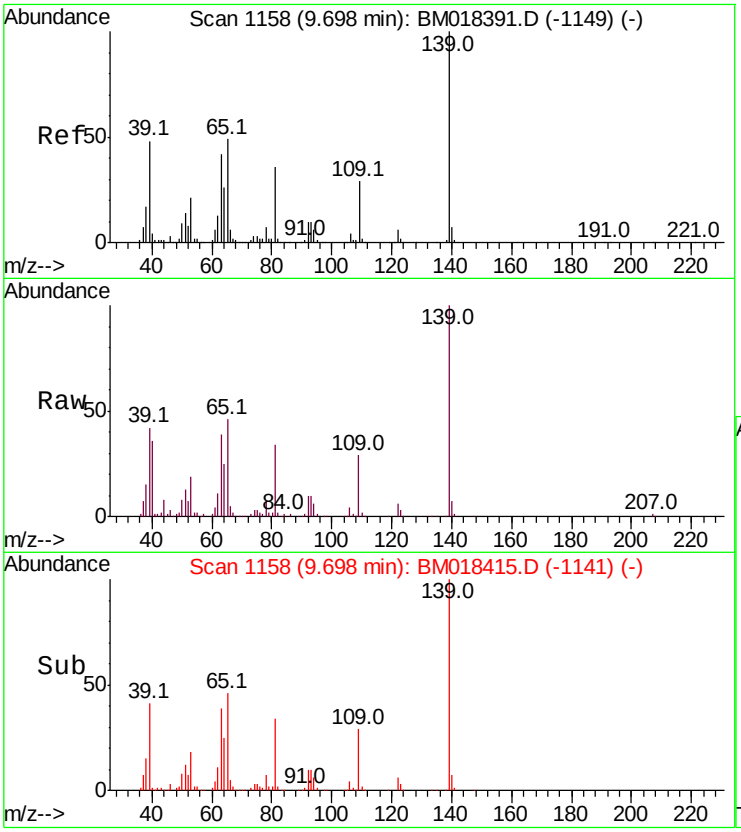


#25
Isophorone
Concen: 21.666 ng
RT: 9.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion: 82 Resp: 1470541

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.1	9.1
138	20.1	15.1	22.7



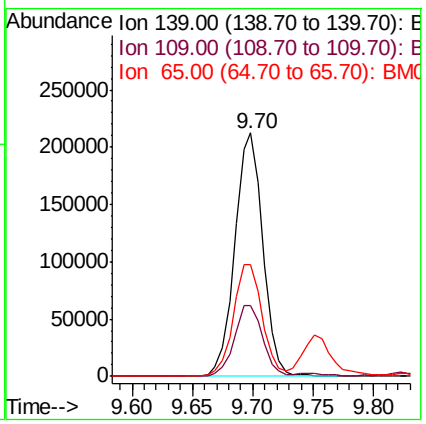


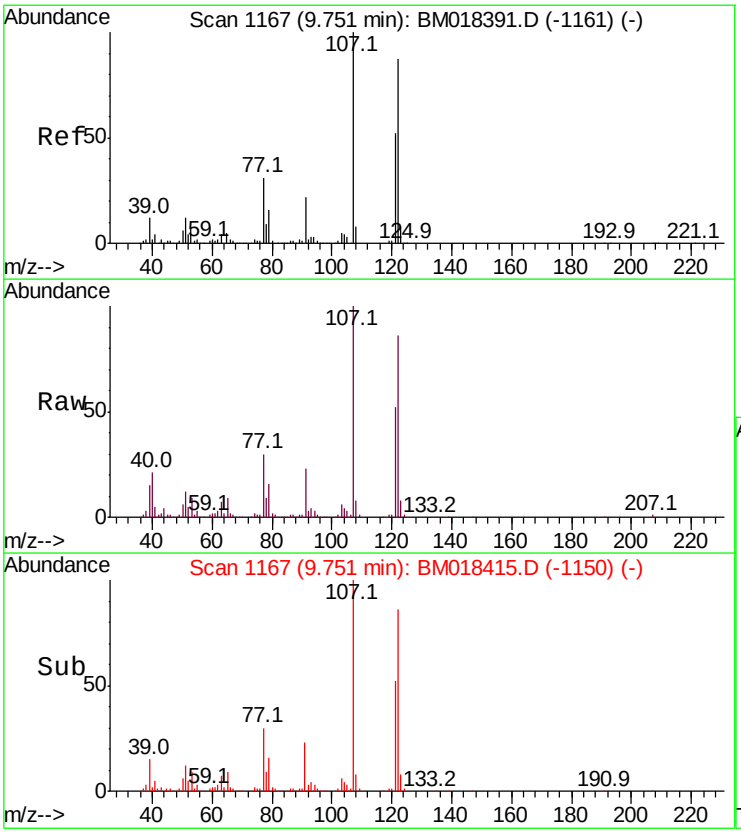
#26
2-Nitrophenol
Concen: 25.075 ng
RT: 9.70 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:139 Resp: 342885

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.4	35.2
65	45.7	39.4	59.2

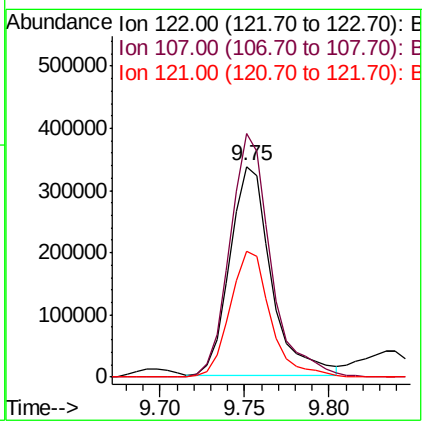


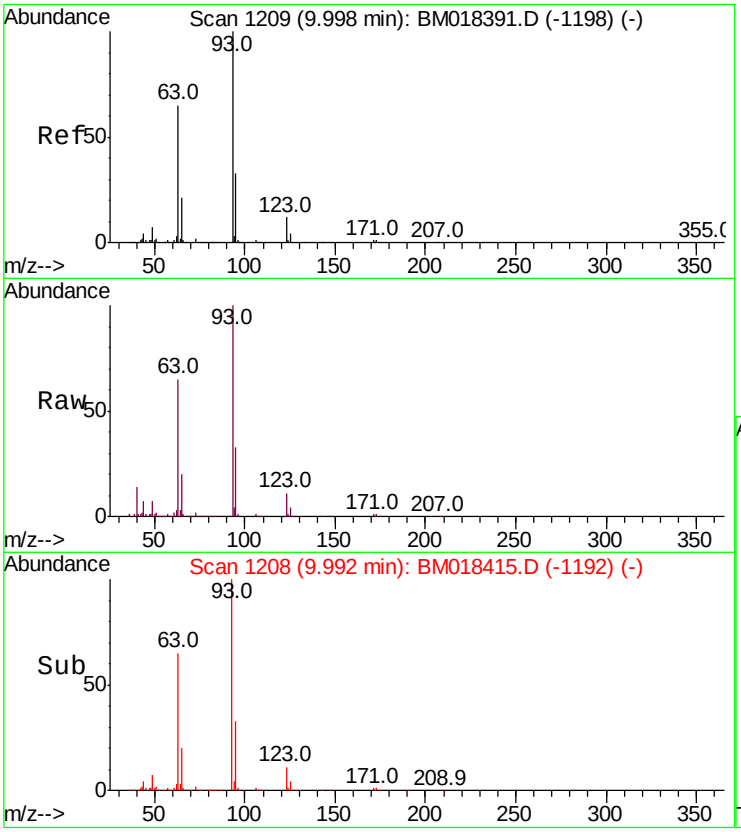


#27
2,4-Dimethylphenol
Concen: 20.225 ng
RT: 9.75 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:122 Resp: 568597

Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.9	137.9
121	60.1	47.5	71.3



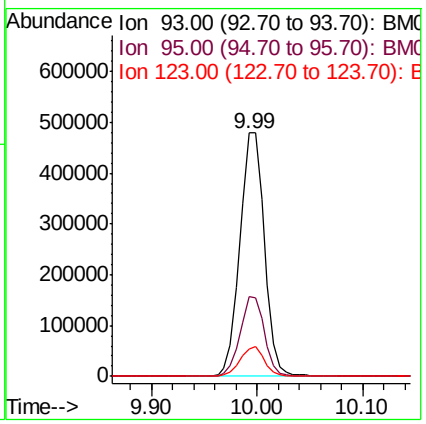


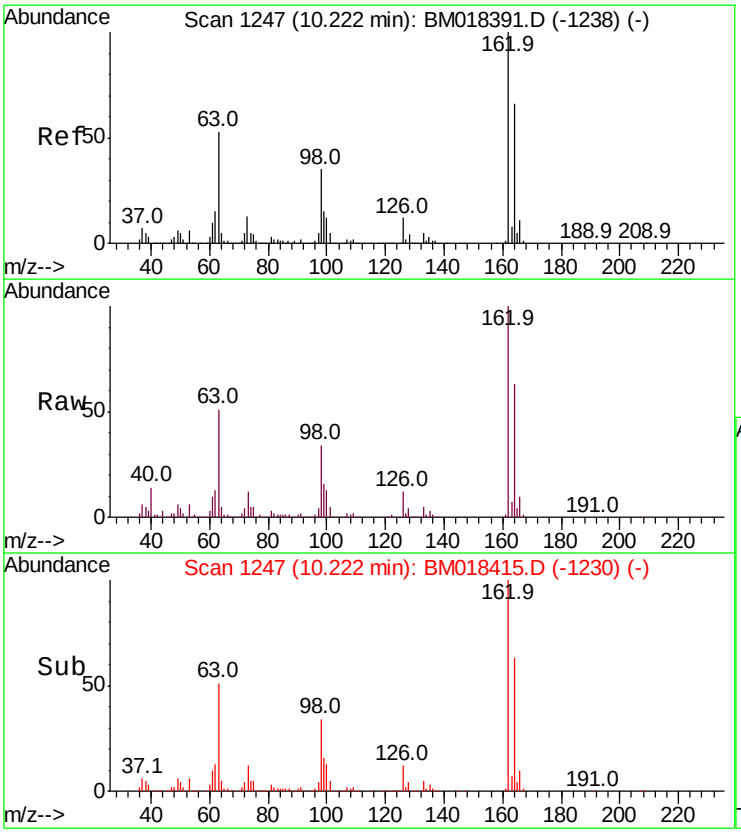
#28
bis(2-Chloroethoxy)methane
Concen: 18.132 ng
RT: 9.99 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion: 93 Resp: 772406

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	11.3	9.9	14.9

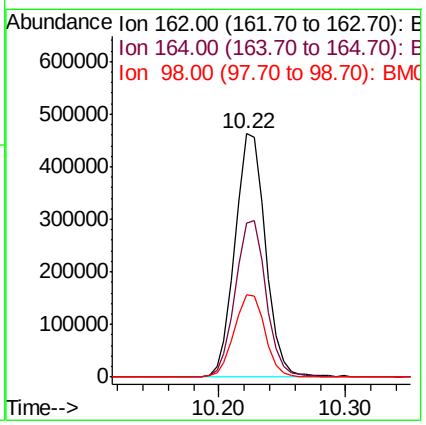


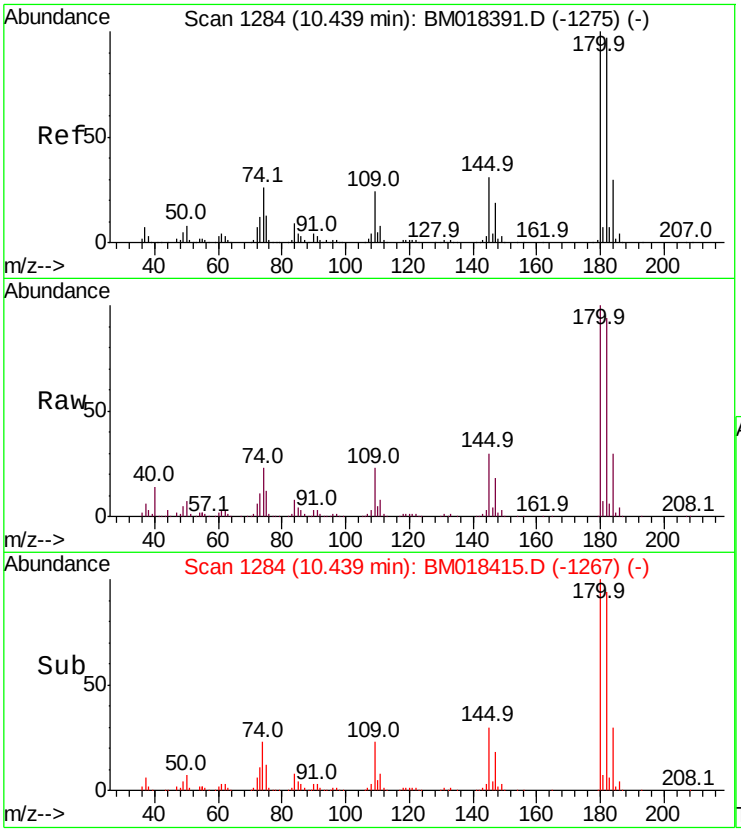


#29
2,4-Dichlorophenol
Concen: 24.809 ng
RT: 10.22 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:162 Resp: 771414

Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.6	85.6
98	34.1	14.7	54.7



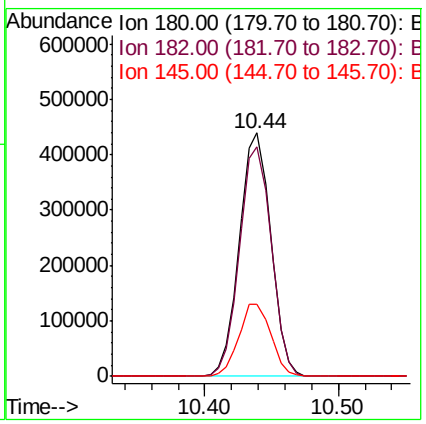


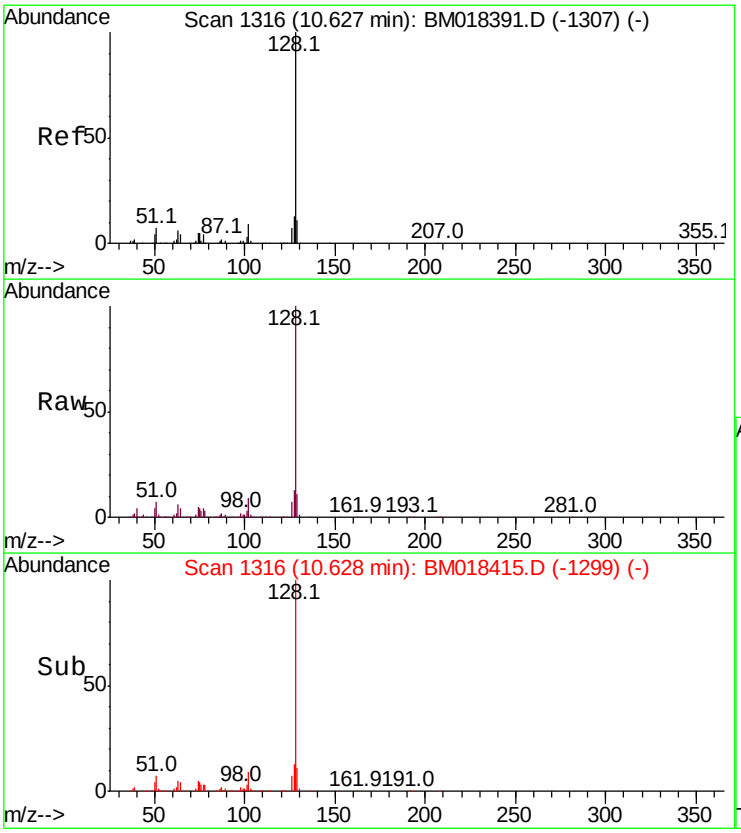
#30
1,2,4-Trichlorobenzene
Concen: 18.739 ng
RT: 10.44 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:180 Resp: 713784

Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.4	116.2
145	29.5	24.6	37.0

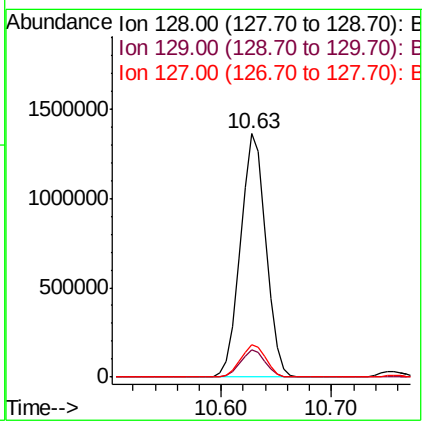


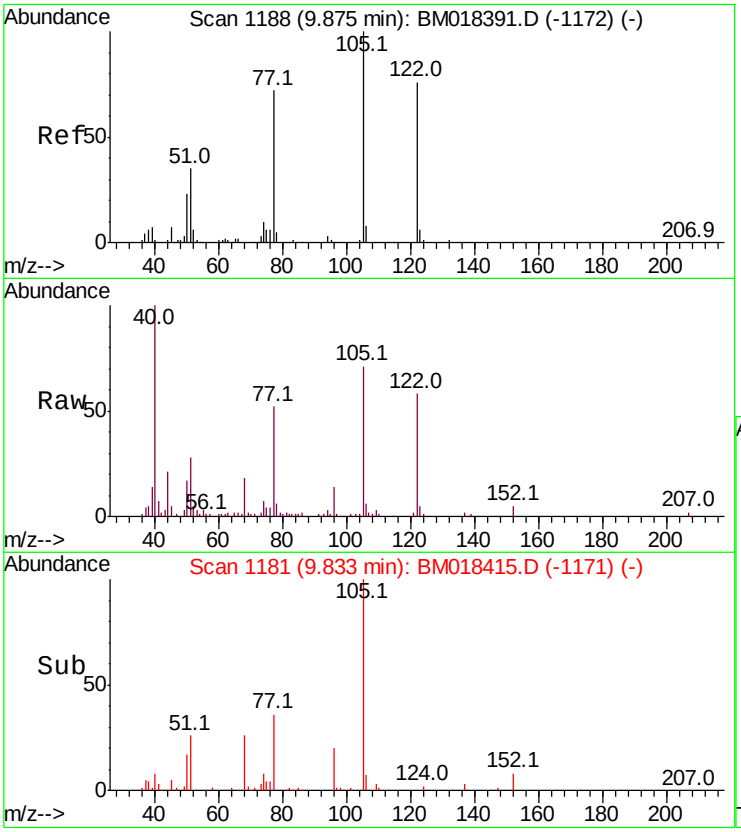


#31
Naphthalene
Concen: 20.399 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:128 Resp: 2208048

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.1	10.8	16.2



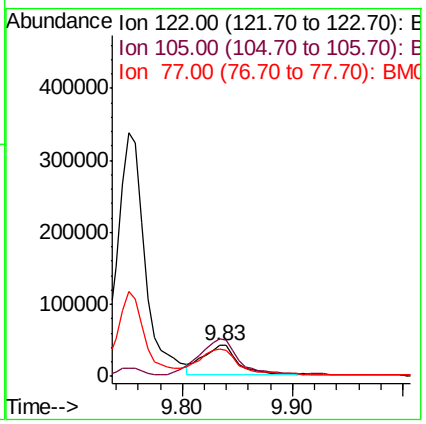


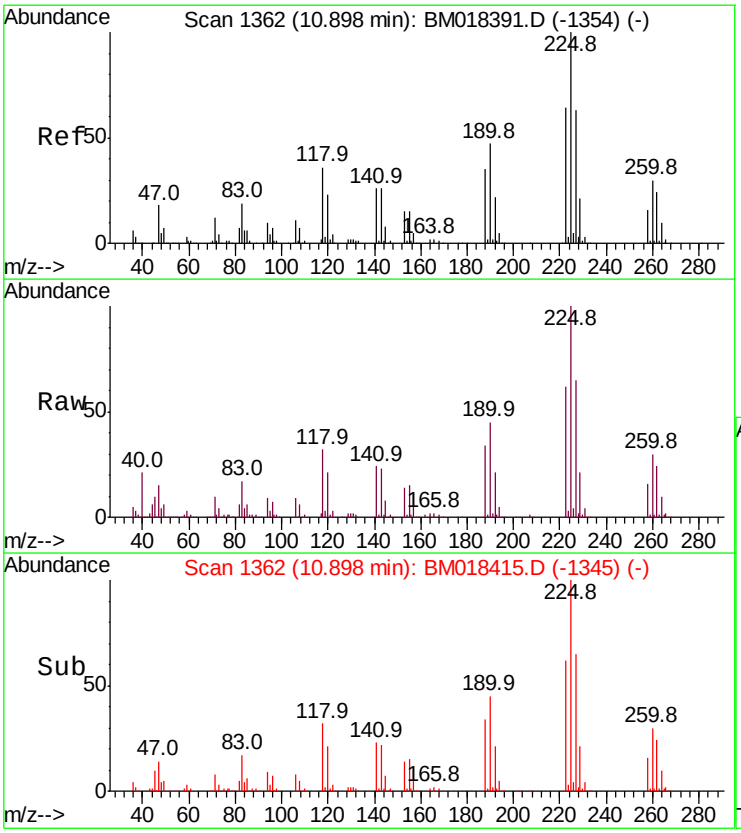
#32
Benzoic acid
Concen: 10.246 ng
RT: 9.83 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:122 Resp: 93766

Ion	Ratio	Lower	Upper
122	100		
105	123.4	100.4	140.4
77	89.8	71.7	111.7

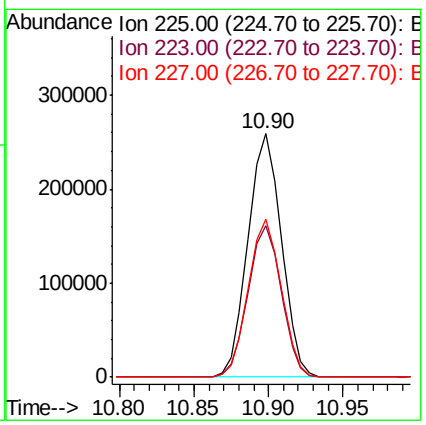


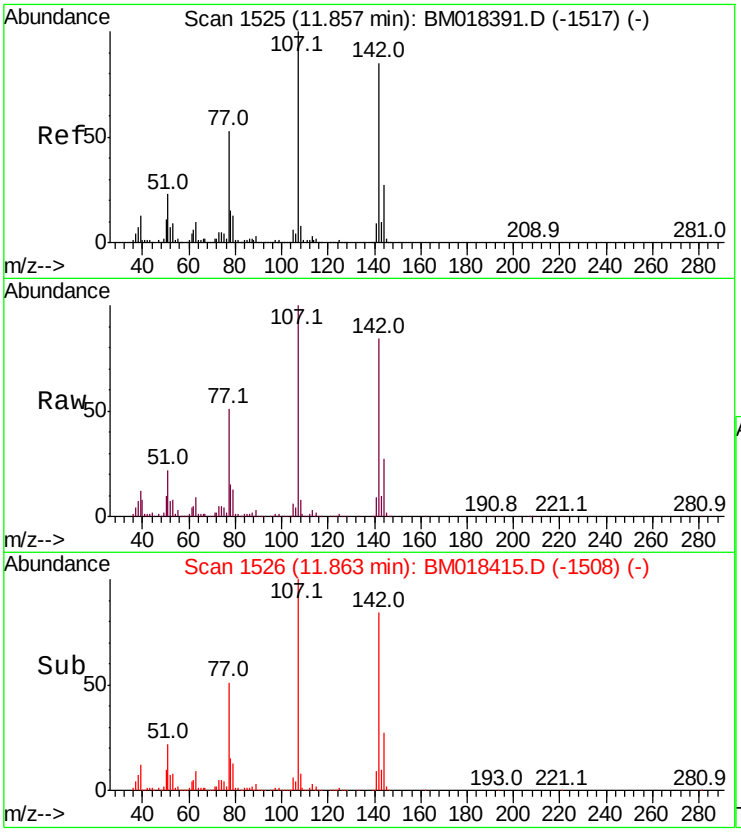


#34
Hexachlorobutadiene
Concen: 17.379 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:225 Resp: 401952

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.8	76.2
227	64.6	50.4	75.6



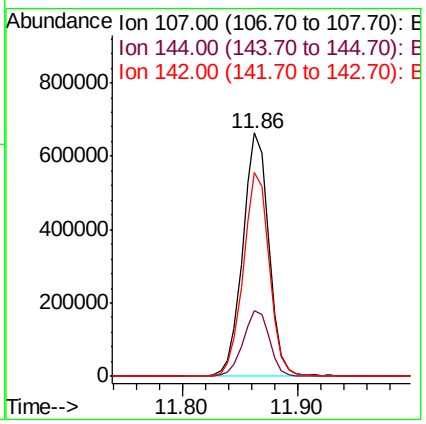


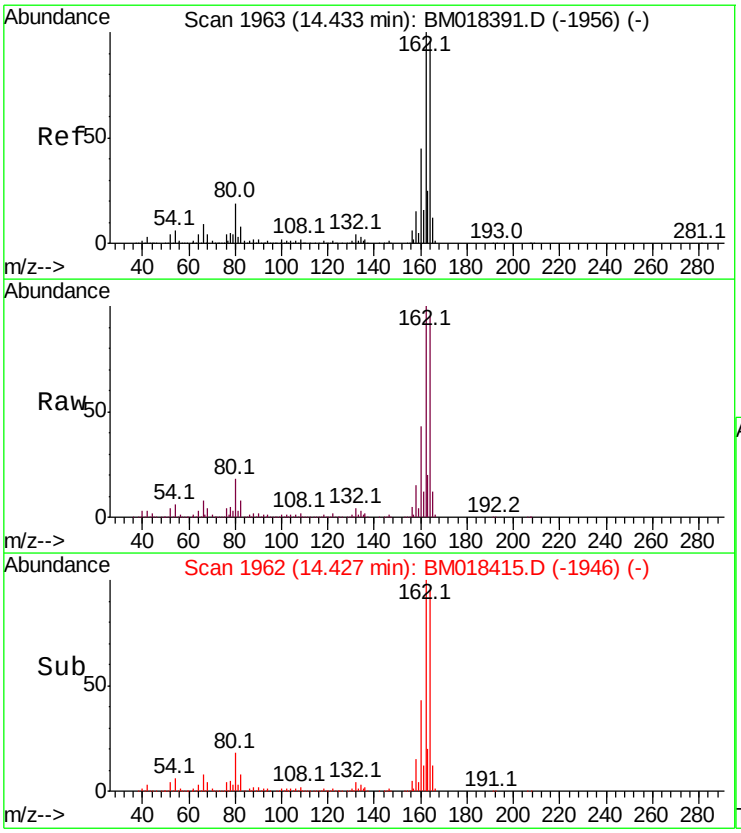
#36
4-Chloro-3-methylphenol
Concen: 29.610 ng
RT: 11.86 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:107 Resp: 1043617

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.9	32.9
142	83.7	67.9	101.9

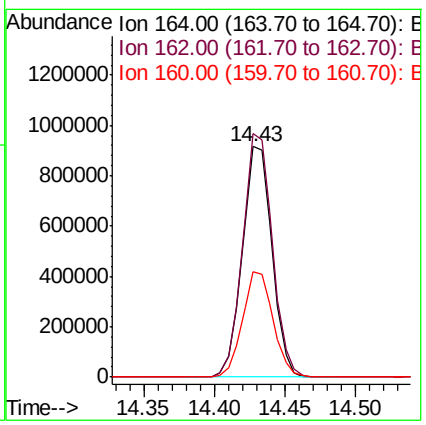


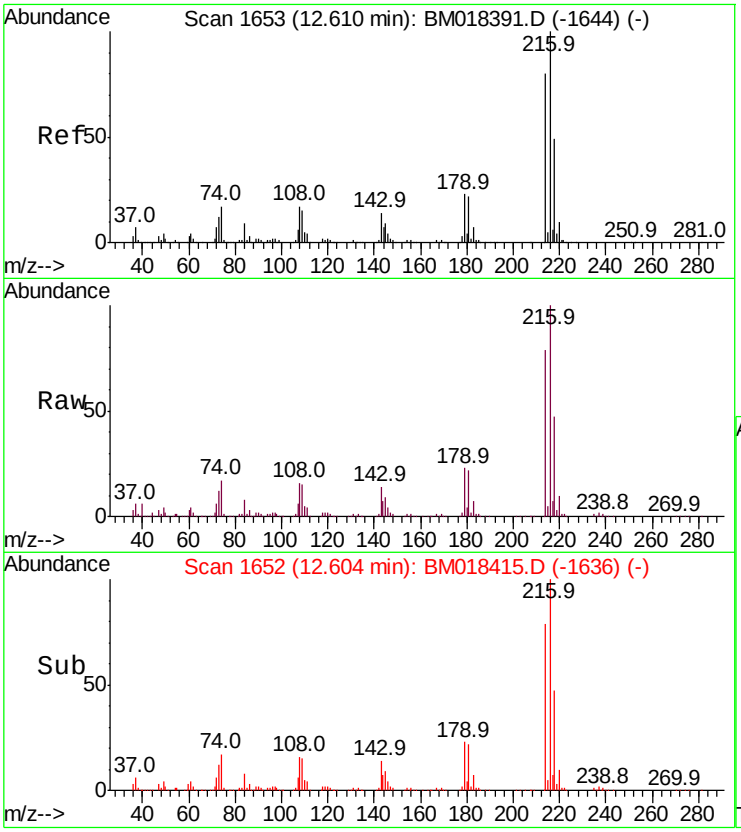


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:164 Resp: 1349462

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.0	124.4
160	45.9	37.1	55.7



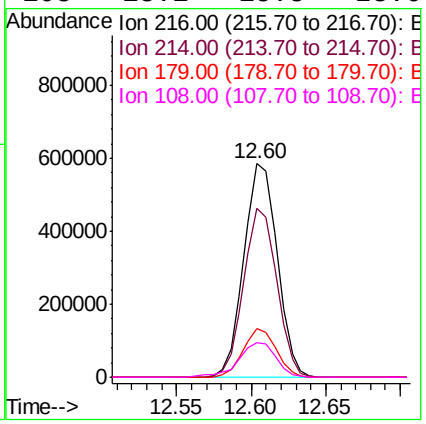


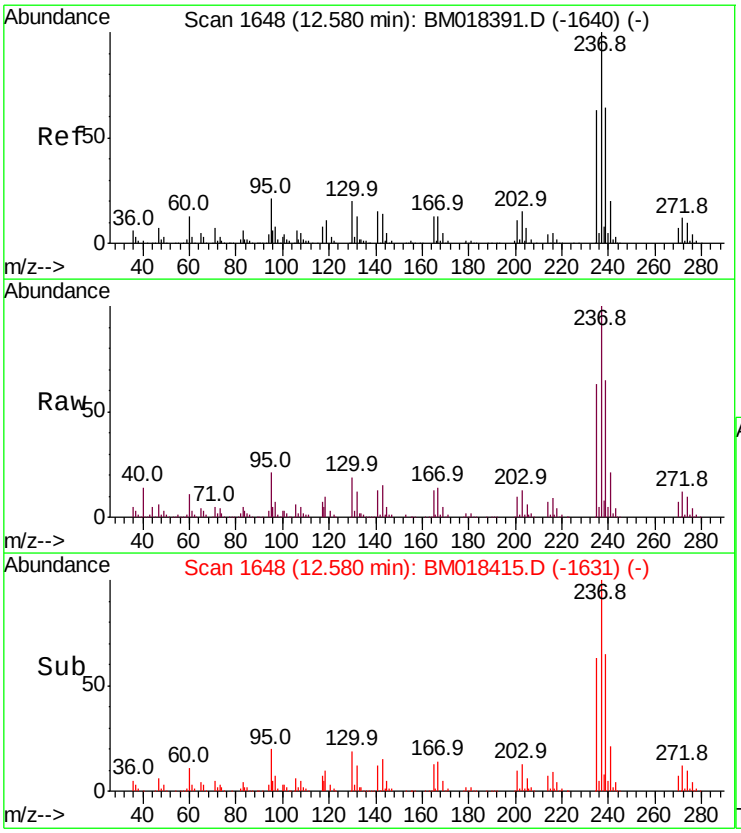
#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.450 ng
RT: 12.60 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:216 Resp: 906176

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.0
179	22.4	17.9	26.9
108	18.1	15.8	23.6

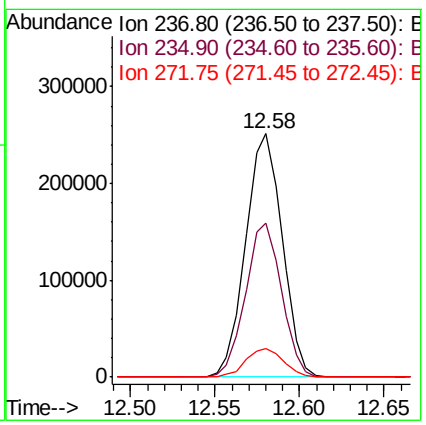


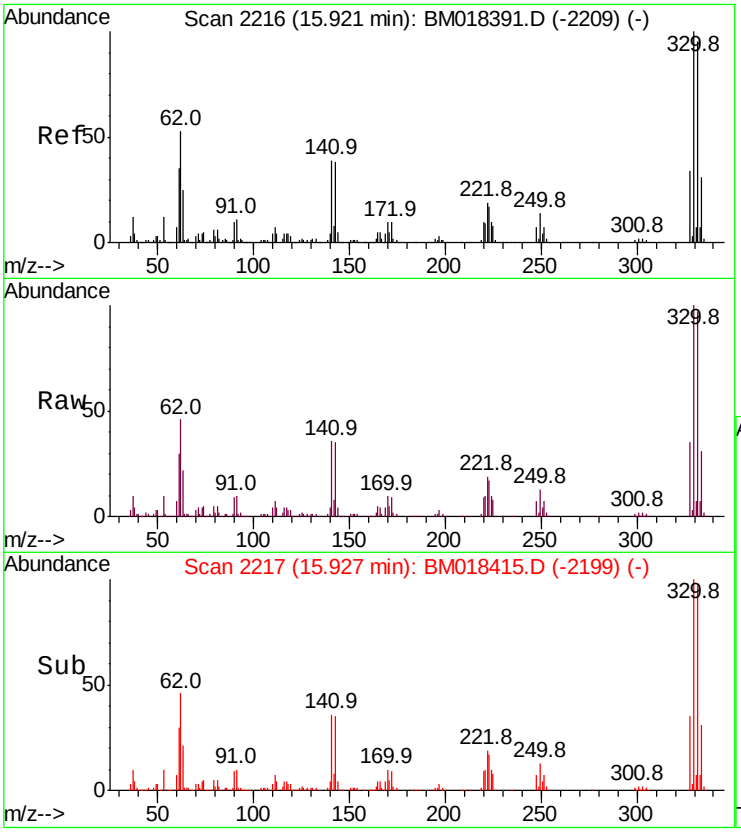


#41
Hexachlorocyclopentadiene
Concen: 18.557 ng
RT: 12.58 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:237 Resp: 380127

Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.8	82.8
272	11.8	0.0	31.9



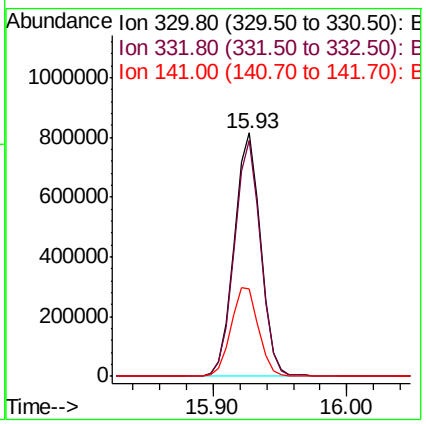


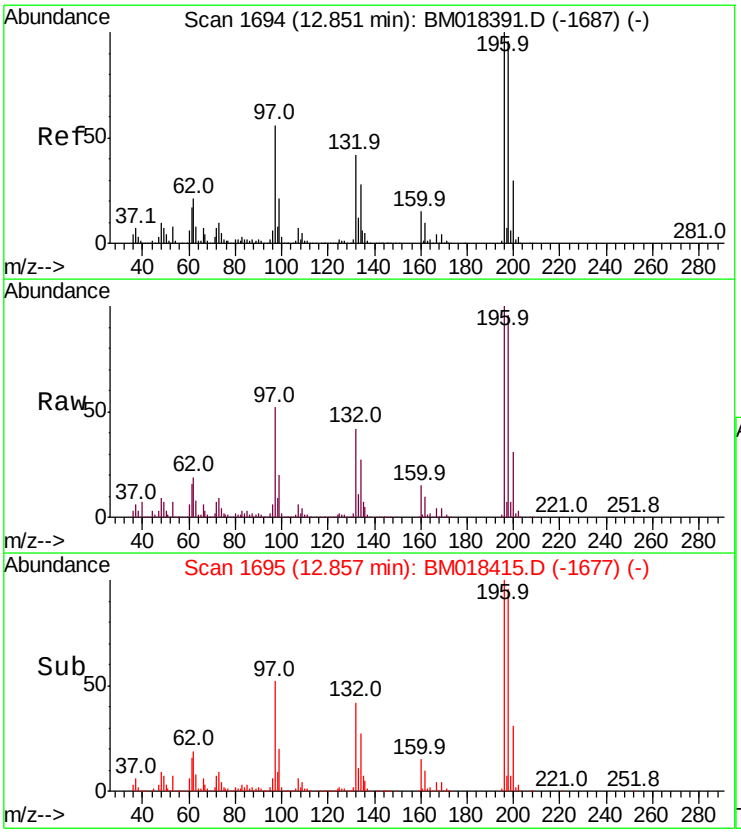
#42
2,4,6-Tribromophenol
Concen: 65.467 ng
RT: 15.93 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:330 Resp: 1122506

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	38.1	31.7	47.5

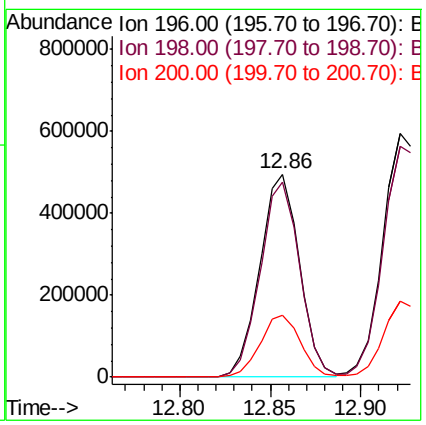


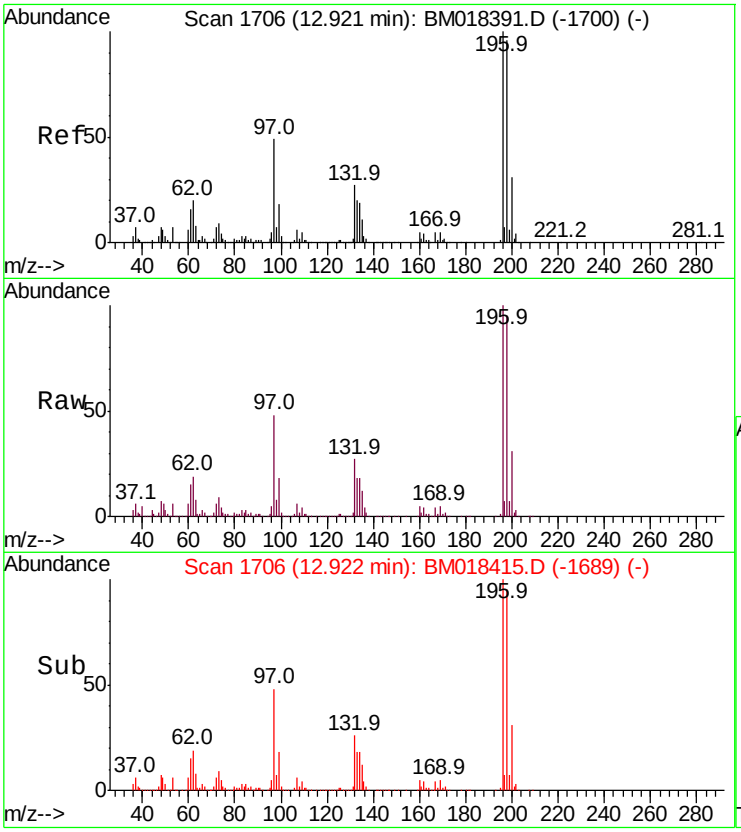


#43
2,4,6-Trichlorophenol
Concen: 31.344 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:196 Resp: 752170

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	115.0
200	30.8	24.2	36.4



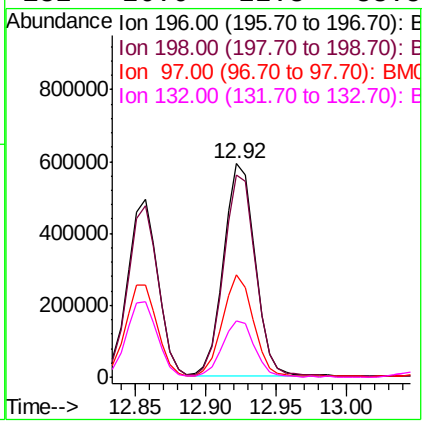


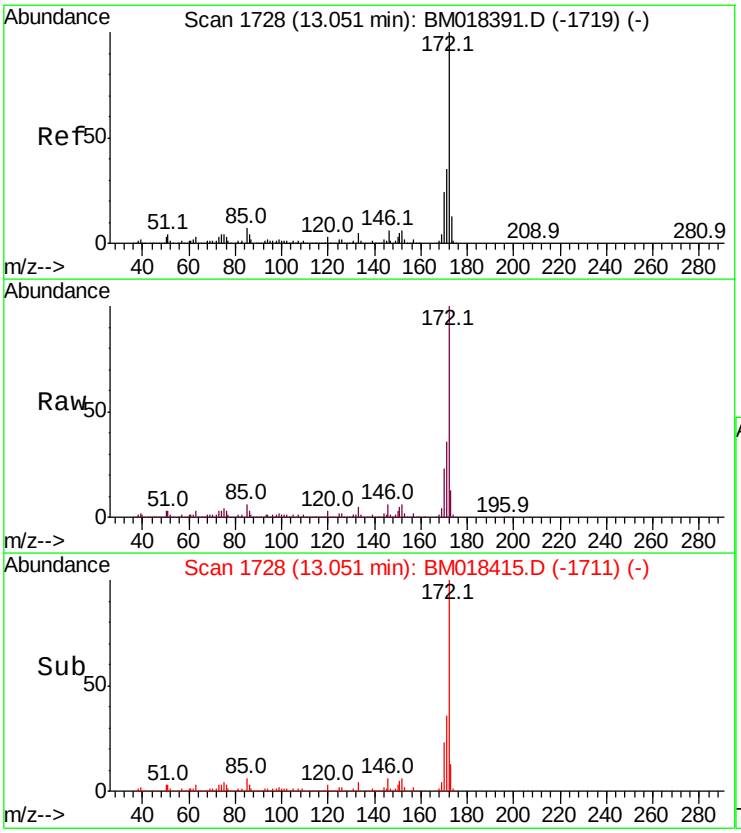
#44
2,4,5-Trichlorophenol
Concen: 34.885 ng
RT: 12.92 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:196 Resp: 914830

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.7	115.1
97	48.2	39.2	58.8
132	26.6	22.3	33.5

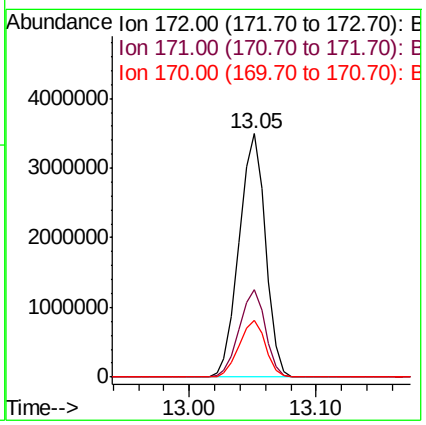


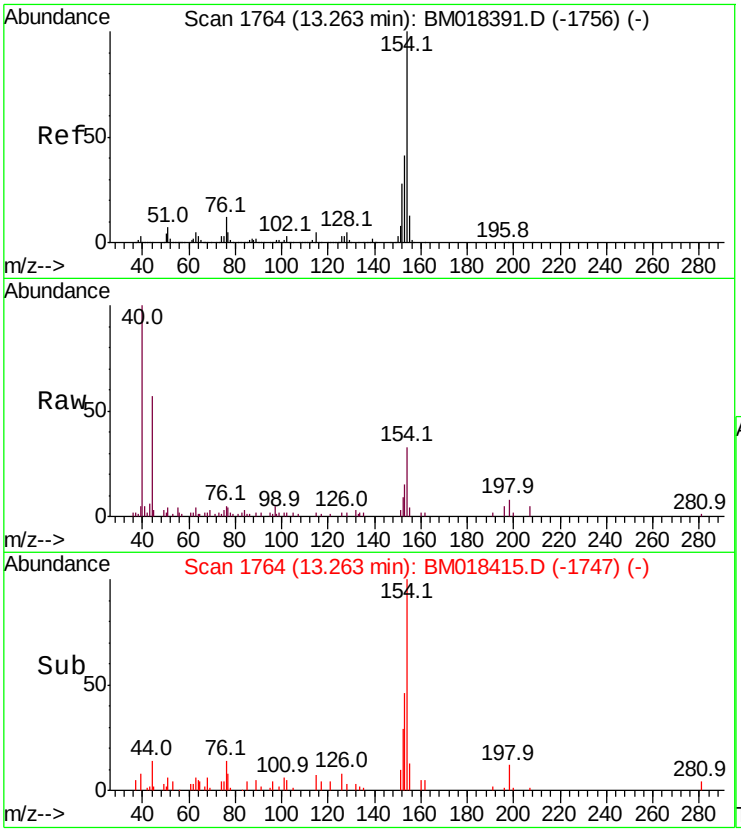


#45
2-Fluorobiphenyl
Concen: 50.584 ng
RT: 13.05 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:172 Resp: 5039950

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.4	18.9	28.3



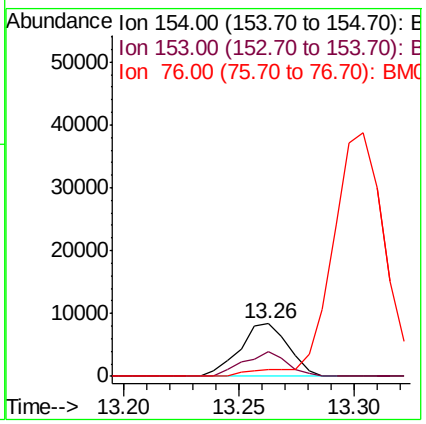


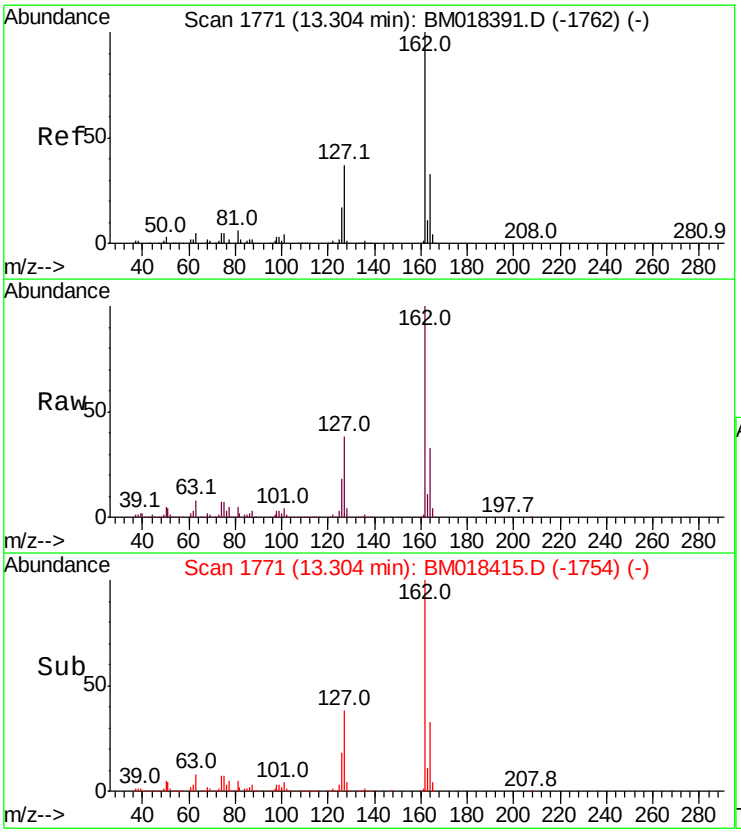
#46
1,1'-Biphenyl
Concen: 0.107 ng
RT: 13.26 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:154 Resp: 12329

Ion	Ratio	Lower	Upper
154	100		
153	45.9	20.5	60.5
76	13.8	0.0	31.9

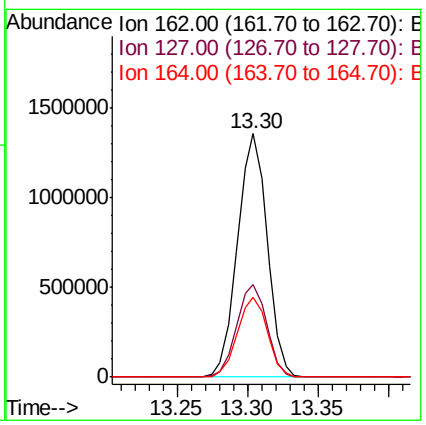


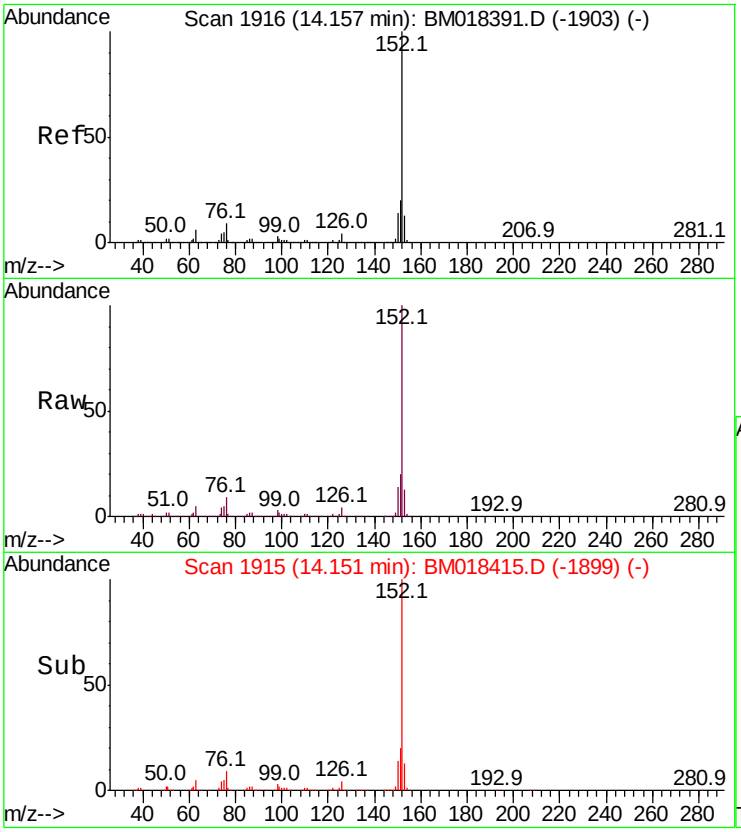


#47
2-Chloronaphthalene
Concen: 22.559 ng
RT: 13.30 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:162 Resp: 1992442

Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.4	47.0
164	32.7	26.2	39.4



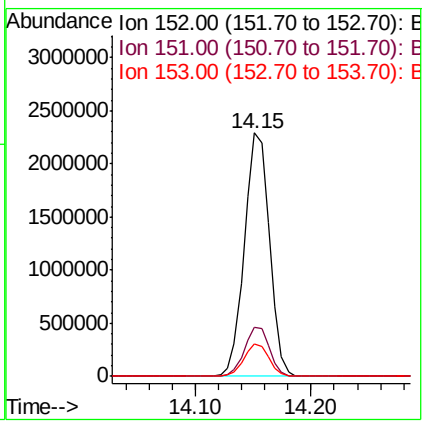


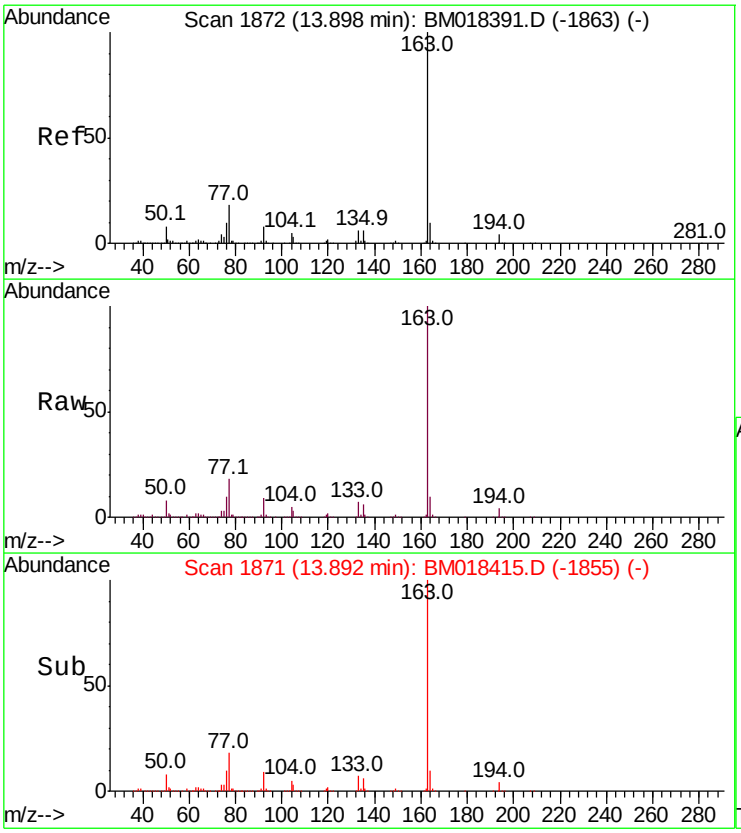
#49
Acenaphthylene
Concen: 25.416 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:152 Resp: 3455948

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.3	10.5	15.7

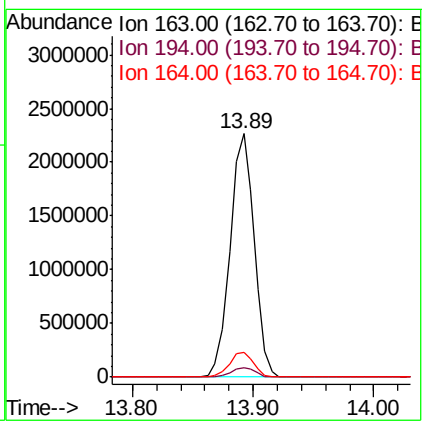


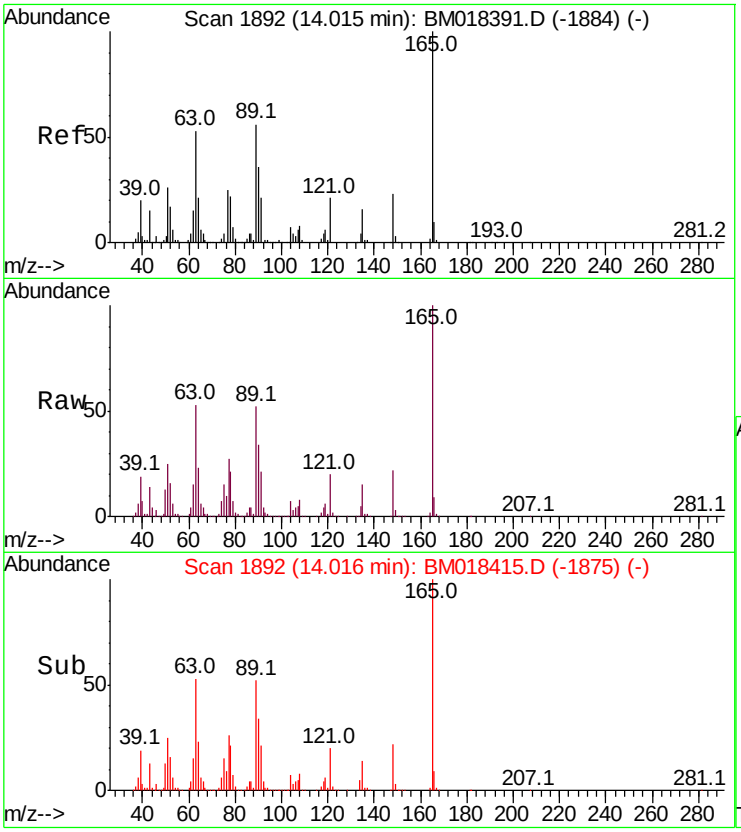


#50
Dimethylphthalate
Concen: 27.818 ng
RT: 13.89 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:163 Resp: 3136291

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	7.8	11.8



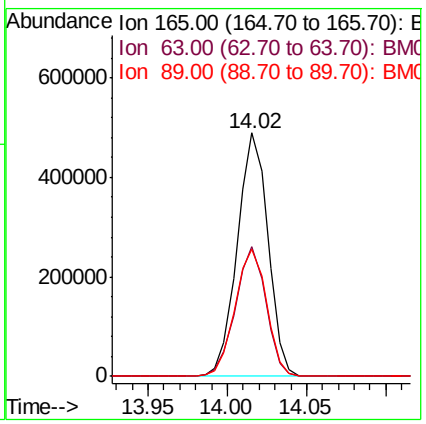


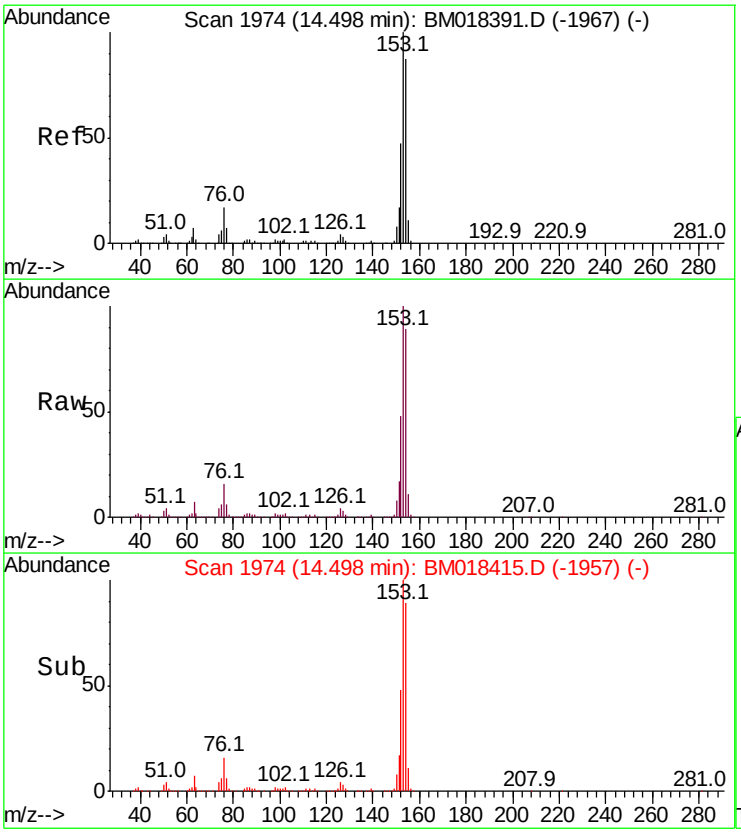
#51
2,6-Dinitrotoluene
Concen: 27.801 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:165 Resp: 657821

Ion	Ratio	Lower	Upper
165	100		
63	53.2	45.6	68.4
89	52.0	44.6	66.8

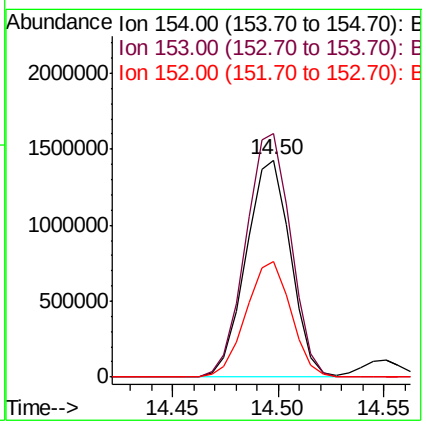


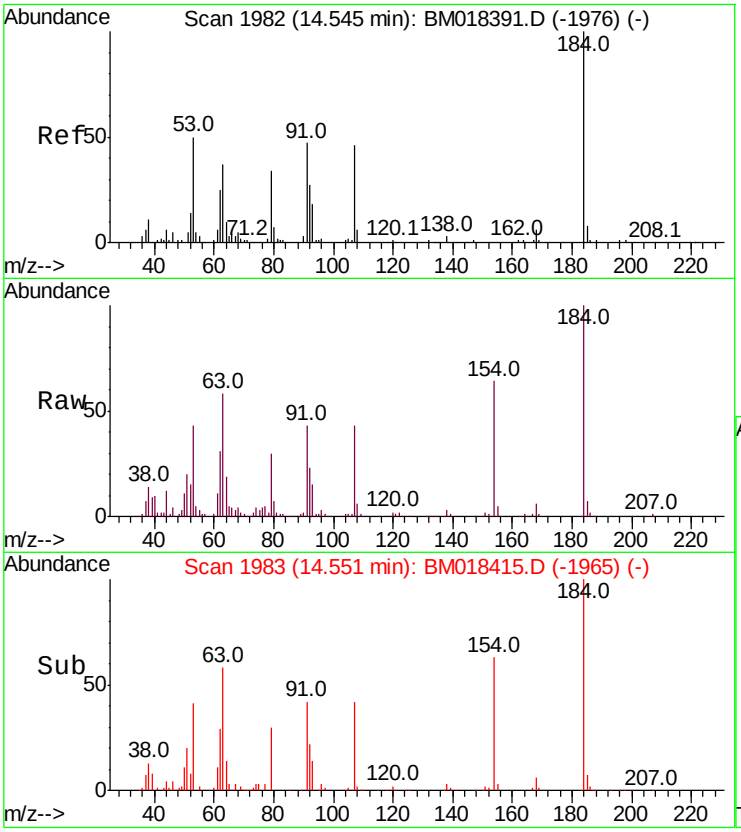


#52
Acenaphthene
Concen: 25.556 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:154 Resp: 2097057

Ion	Ratio	Lower	Upper
154	100		
153	112.1	92.3	138.5
152	53.4	43.8	65.6



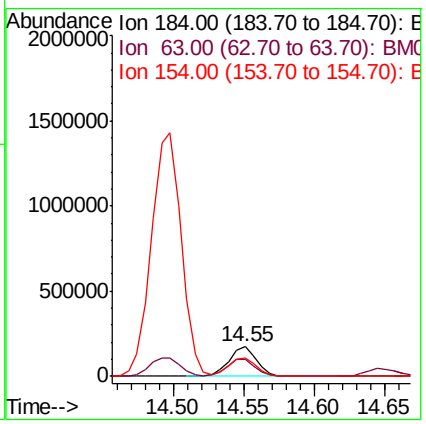


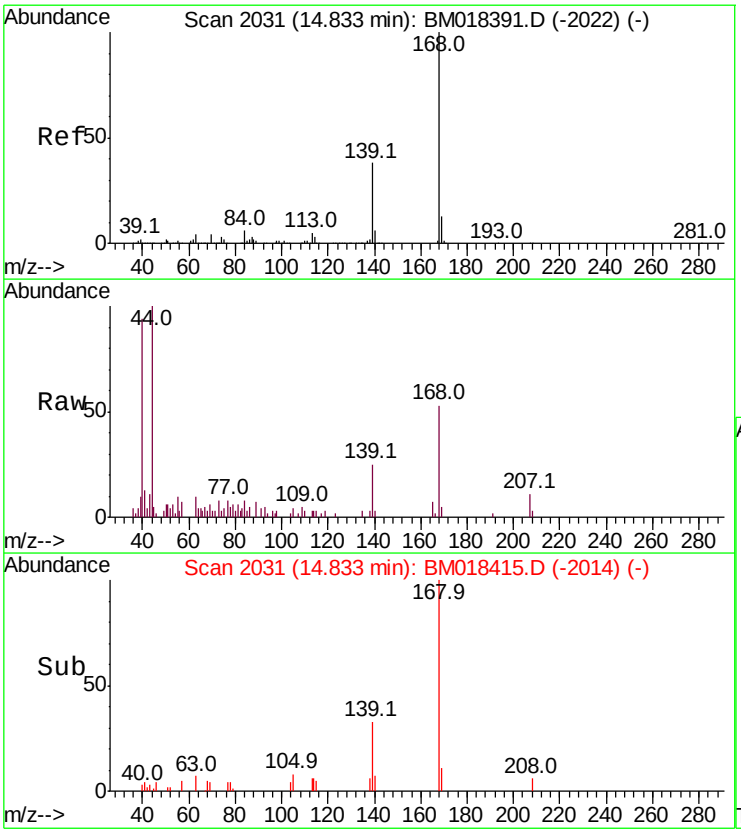
#54
2,4-Dinitrophenol
Concen: 39.532 ng
RT: 14.55 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:184 Resp: 236943

Ion	Ratio	Lower	Upper
184	100		
63	58.4	55.9	83.9
154	63.6	54.2	81.4

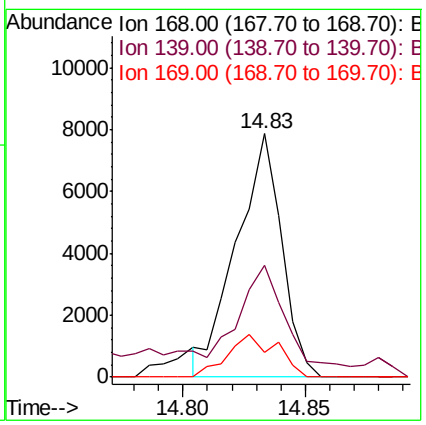


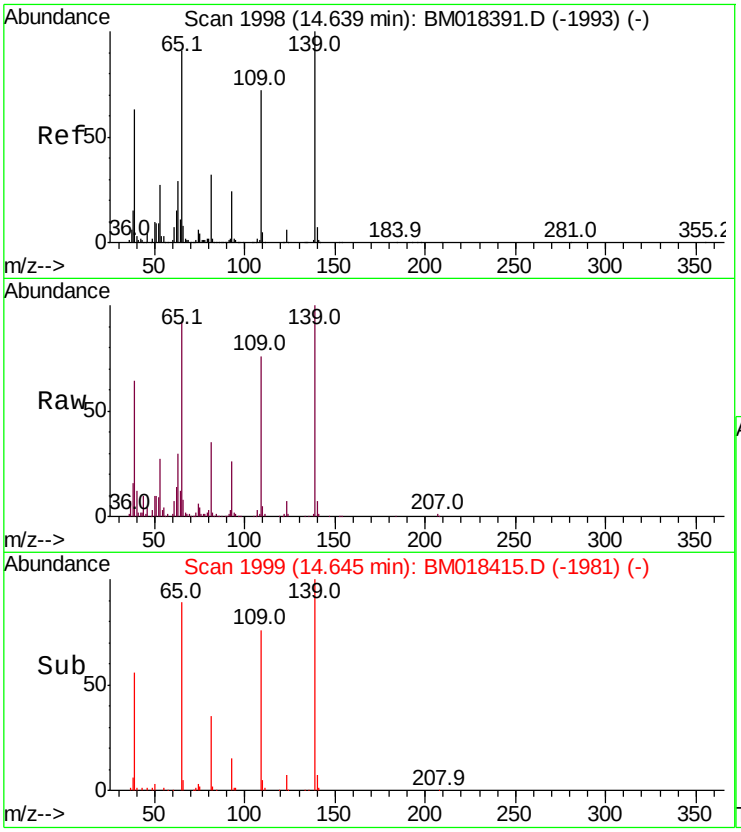


#55
Dibenzofuran
Concen: 0.075 ng m
RT: 14.83 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:168 Resp: 10113

Ion	Ratio	Lower	Upper
168	100		
139	46.1	30.3	45.5#
169	10.3	10.6	16.0#



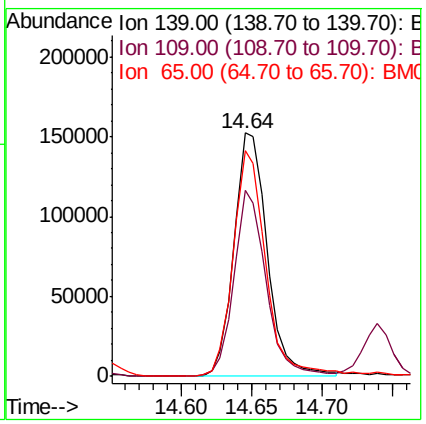


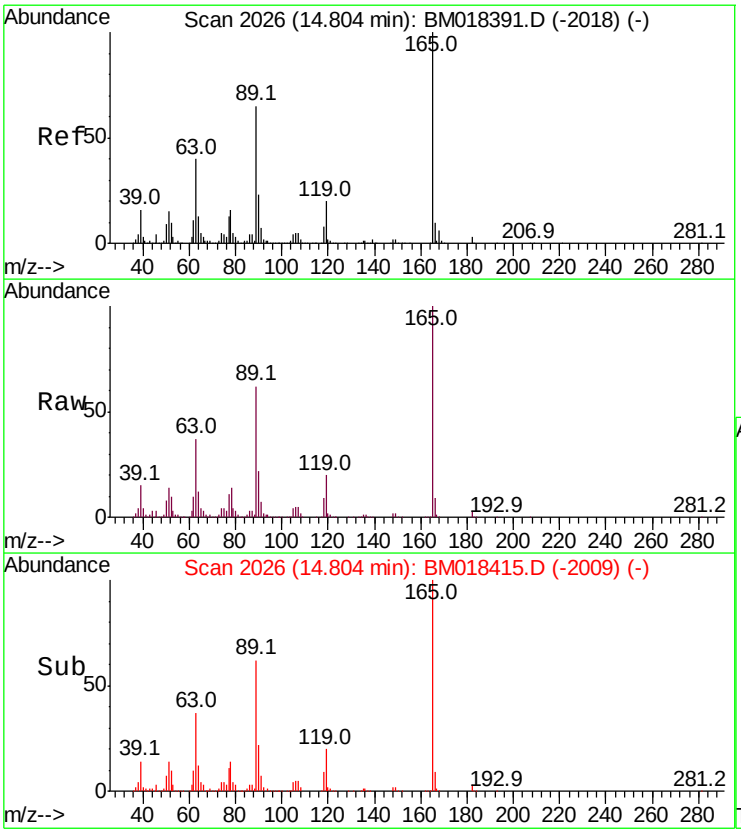
#56
4-Nitrophenol
Concen: 15.974 ng
RT: 14.64 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:139 Resp: 251557

Ion	Ratio	Lower	Upper
139	100		
109	76.3	51.7	91.7
65	92.5	71.4	111.4

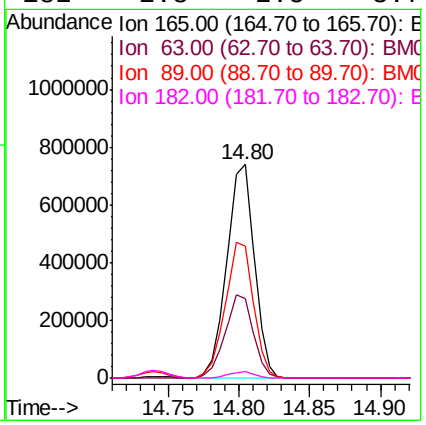


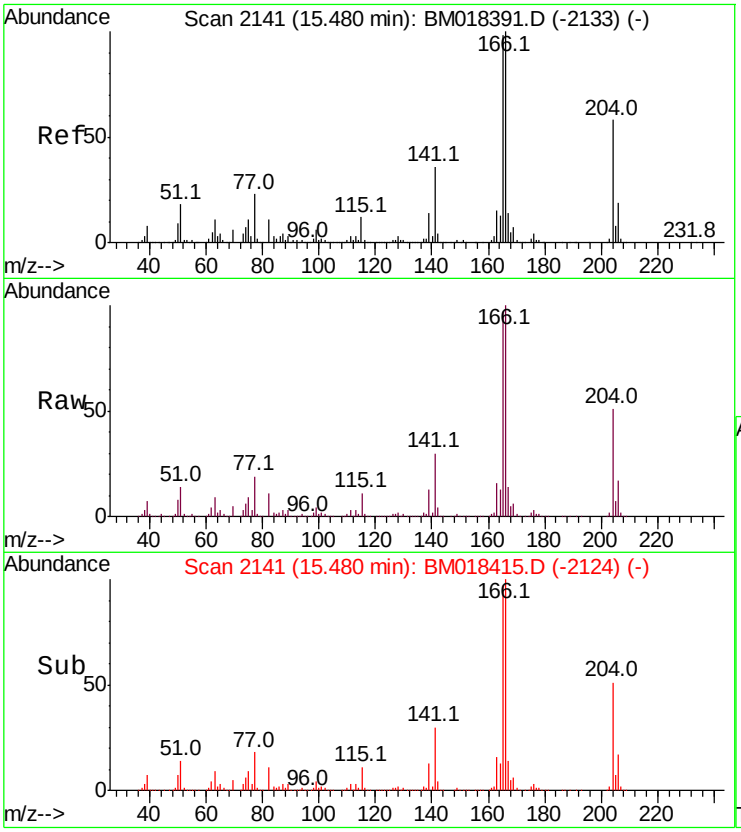


#57
2,4-Dinitrotoluene
Concen: 31.500 ng
RT: 14.80 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:165 Resp: 1008471

Ion	Ratio	Lower	Upper
165	100		
63	37.0	32.2	48.2
89	61.6	52.1	78.1
182	2.8	2.5	3.7



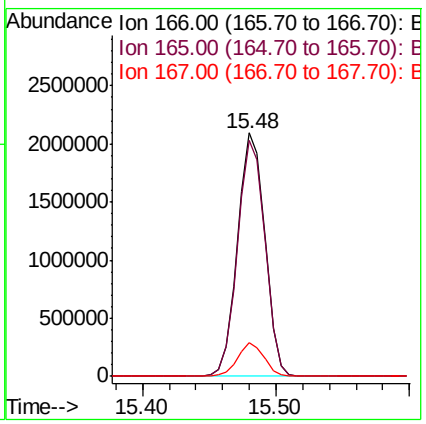


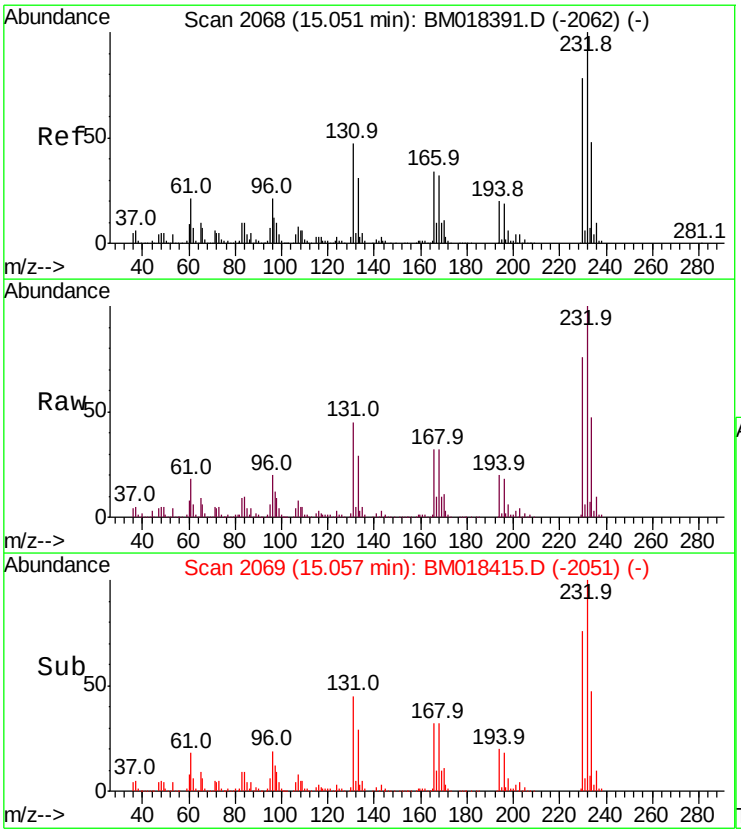
#58
Fluorene
Concen: 28.250 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:166 Resp: 2954438

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.3	117.5
167	13.8	10.9	16.3

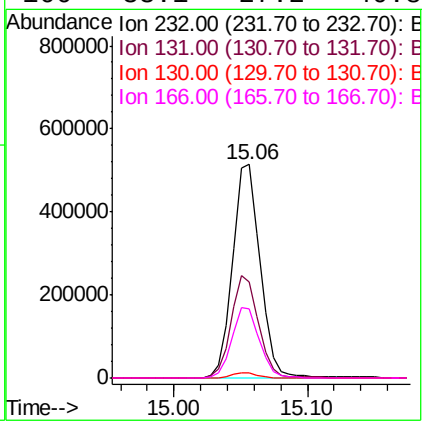


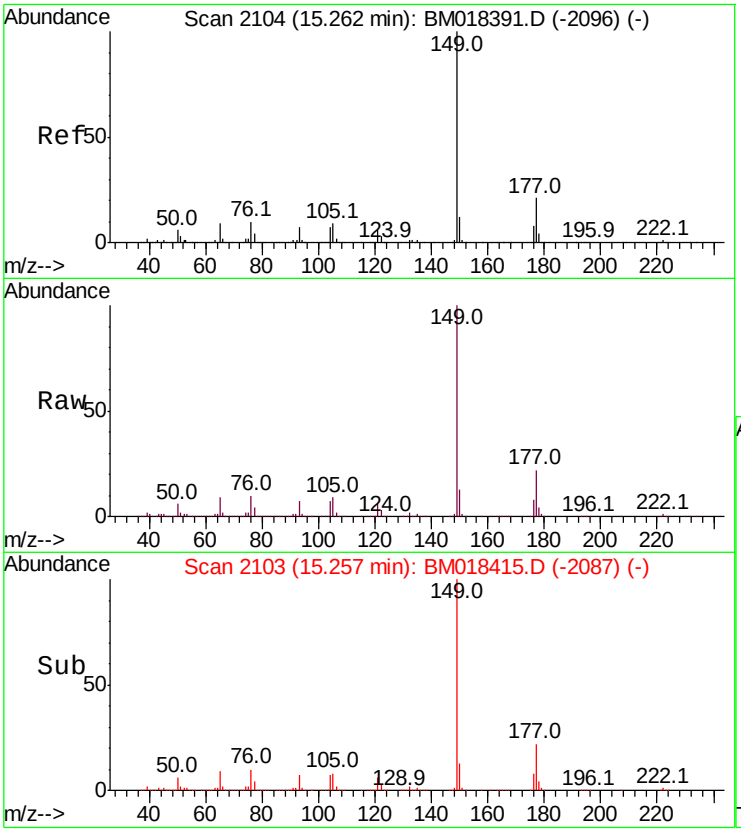


#59
2,3,4,6-Tetrachlorophenol
Concen: 30.562 ng
RT: 15.06 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:232 Resp: 740143

Ion	Ratio	Lower	Upper
232	100		
131	47.8	38.6	57.8
130	2.6	2.2	3.4
166	33.1	27.2	40.8



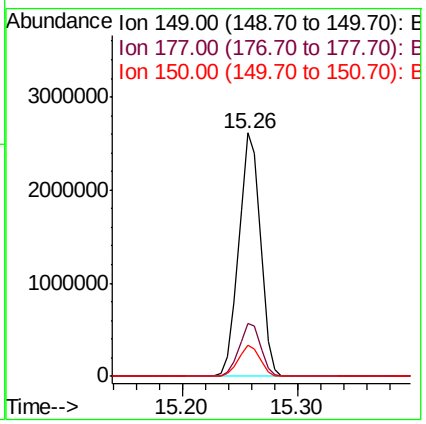


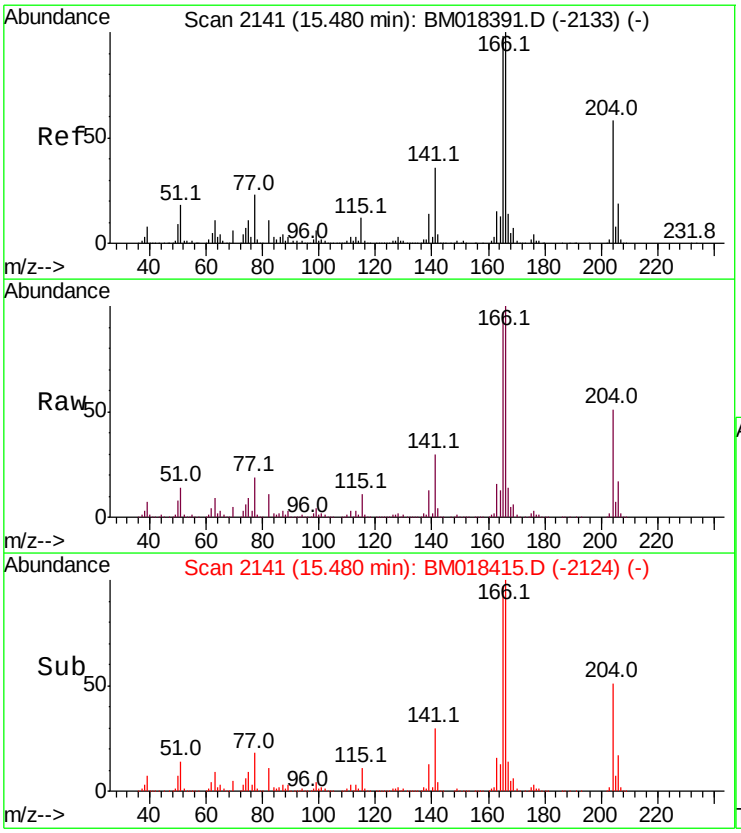
#60
Diethylphthalate
Concen: 28.698 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:149 Resp: 3384104

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.7	9.8	14.6

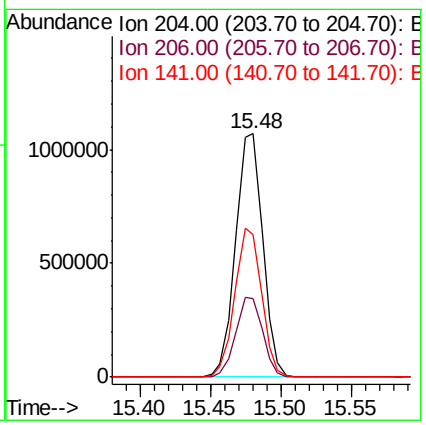


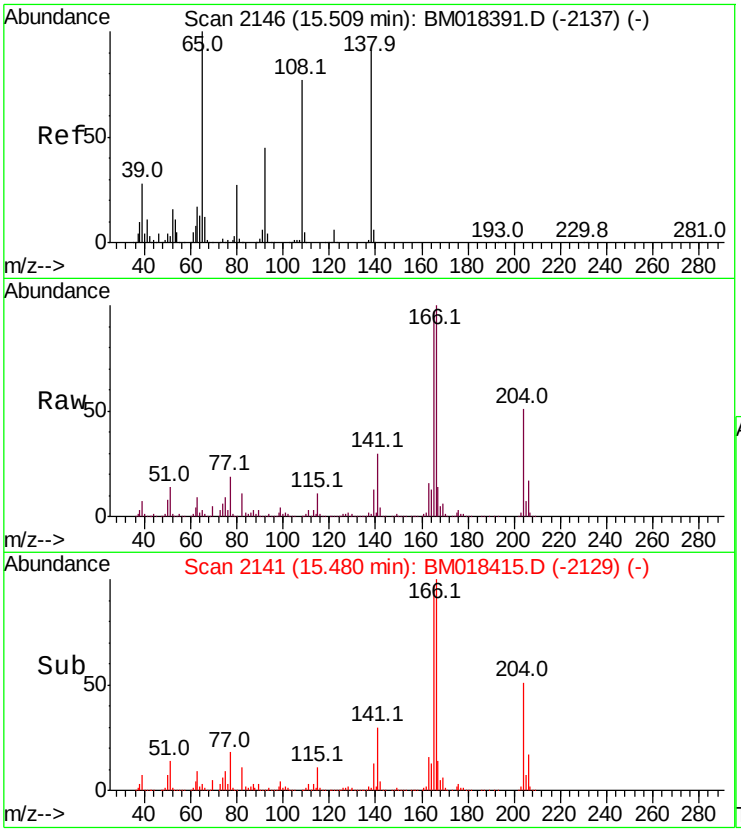


#61
4-Chlorophenyl-phenylether
Concen: 24.998 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:204 Resp: 1436338

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.8	38.6
141	58.4	49.5	74.3



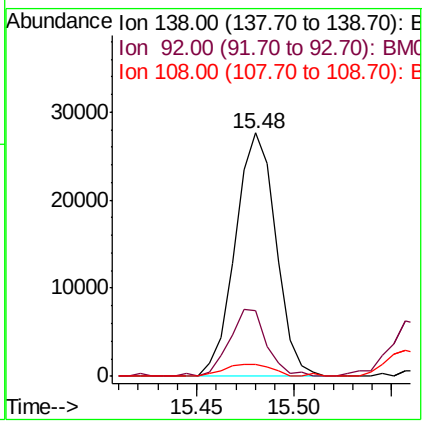


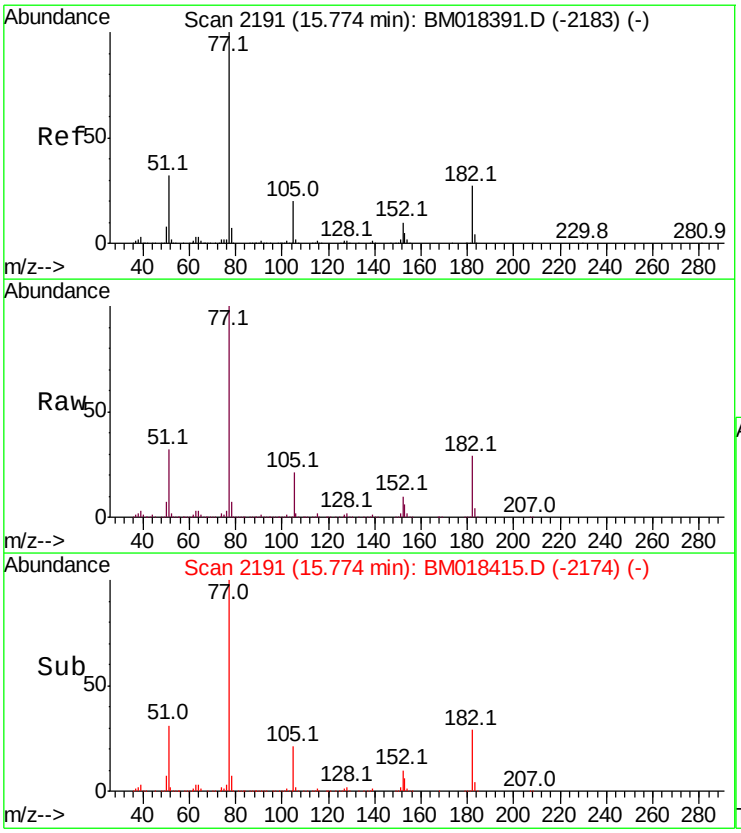
#62
4-Nitroaniline
Concen: 1.420 ng
RT: 15.48 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:138 Resp: 39769

Ion	Ratio	Lower	Upper
138	100		
92	27.1	29.0	69.0#
108	5.2	63.9	103.9#

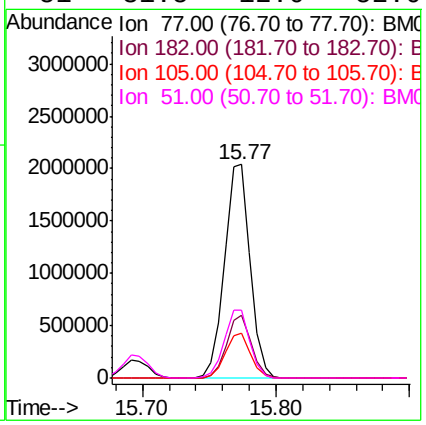


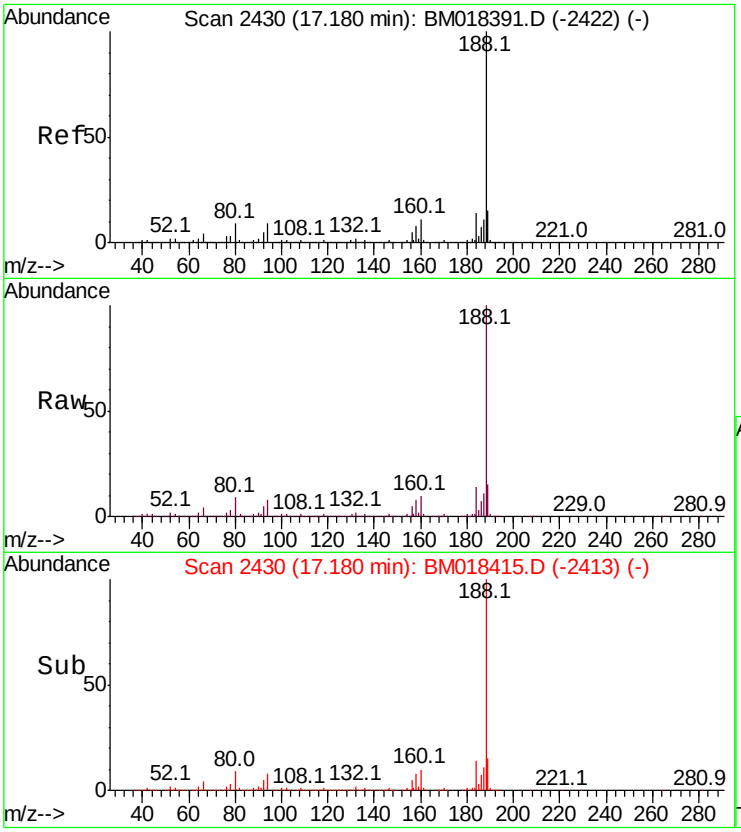


#63
Azobenzene
Concen: 25.504 ng
RT: 15.77 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion: 77 Resp: 2741059

Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.4	47.4
105	20.8	0.0	39.6
51	31.5	12.0	52.0



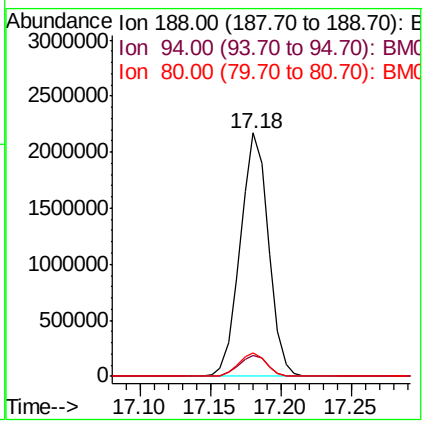


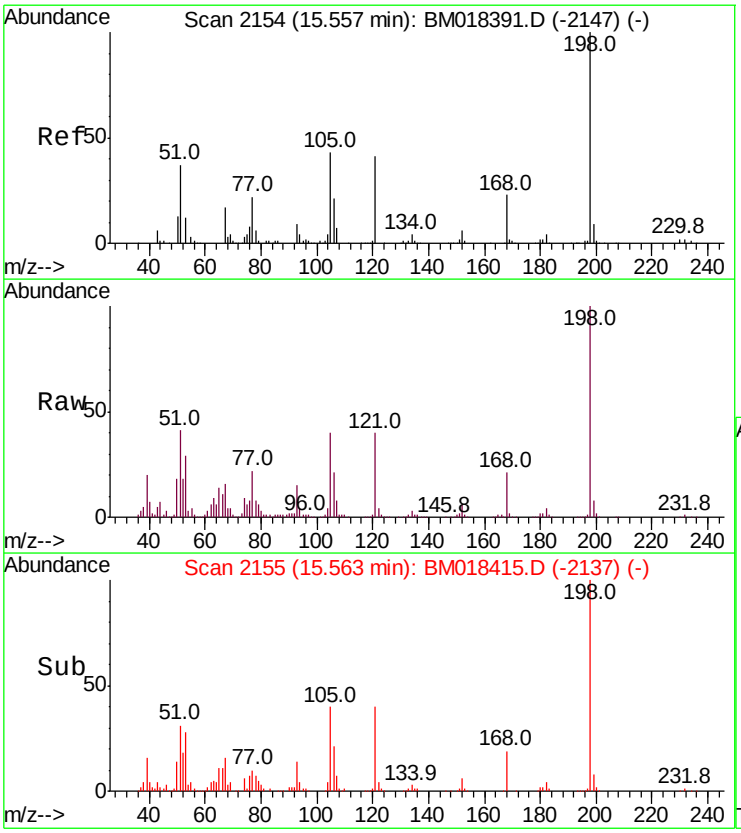
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:188 Resp: 3031351

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.4	7.6	11.4

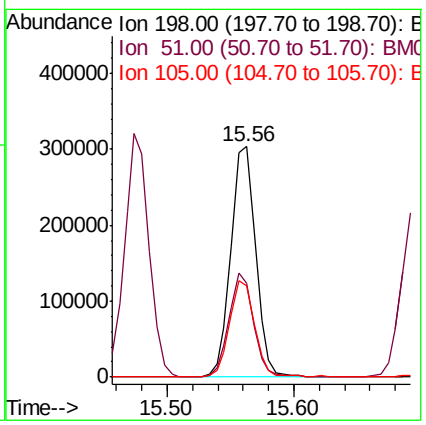


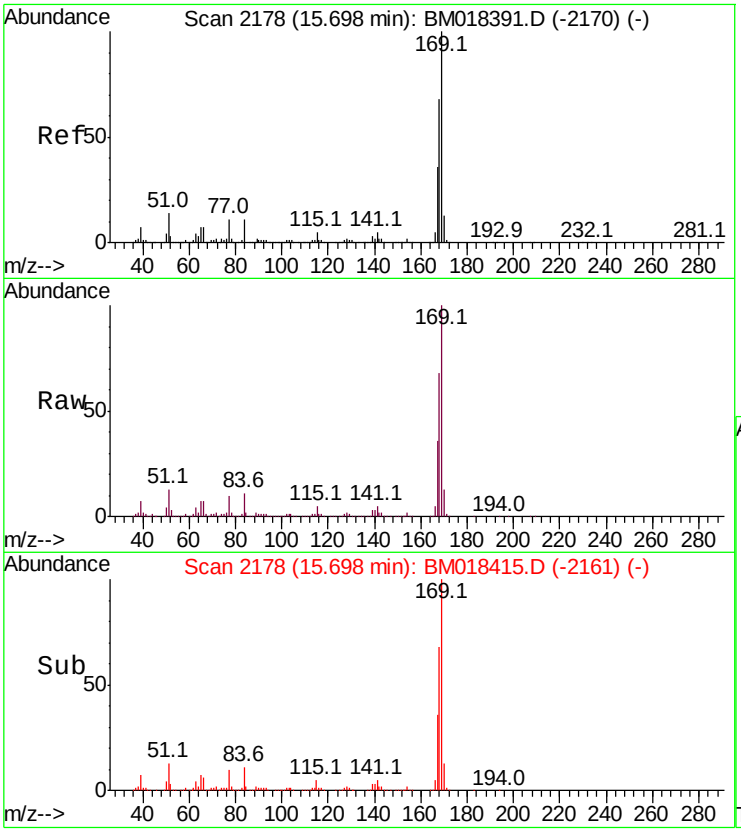


#65
4,6-Dinitro-2-methylphenol
Concen: 35.973 ng
RT: 15.56 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:198 Resp: 411177

Ion	Ratio	Lower	Upper
198	100		
51	40.8	29.6	69.6
105	39.7	25.5	65.5



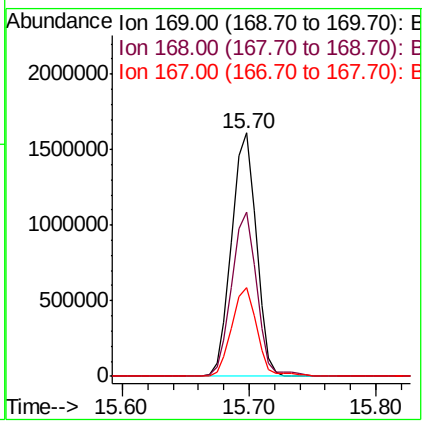


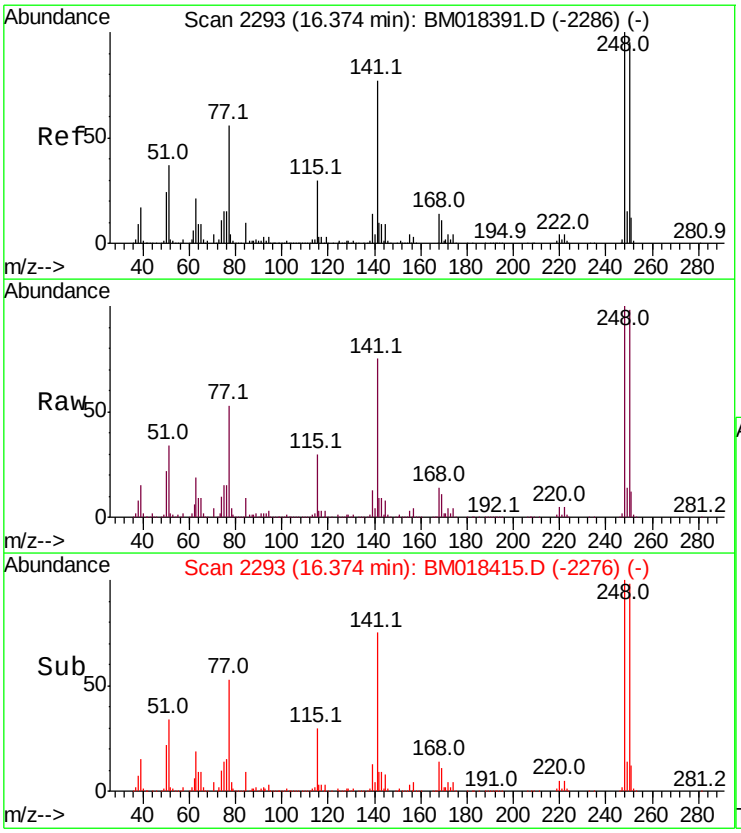
#66
n-Nitrosodiphenylamine
Concen: 22.993 ng
RT: 15.70 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:169 Resp: 2172307

Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.1	81.1
167	36.3	28.6	42.8

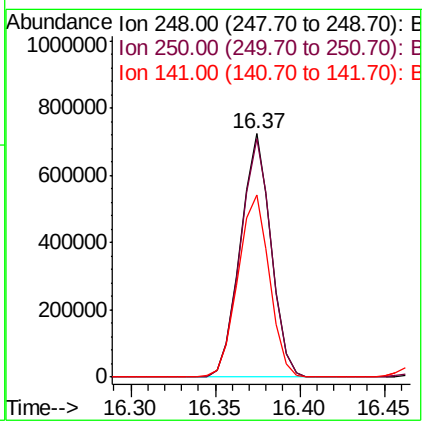


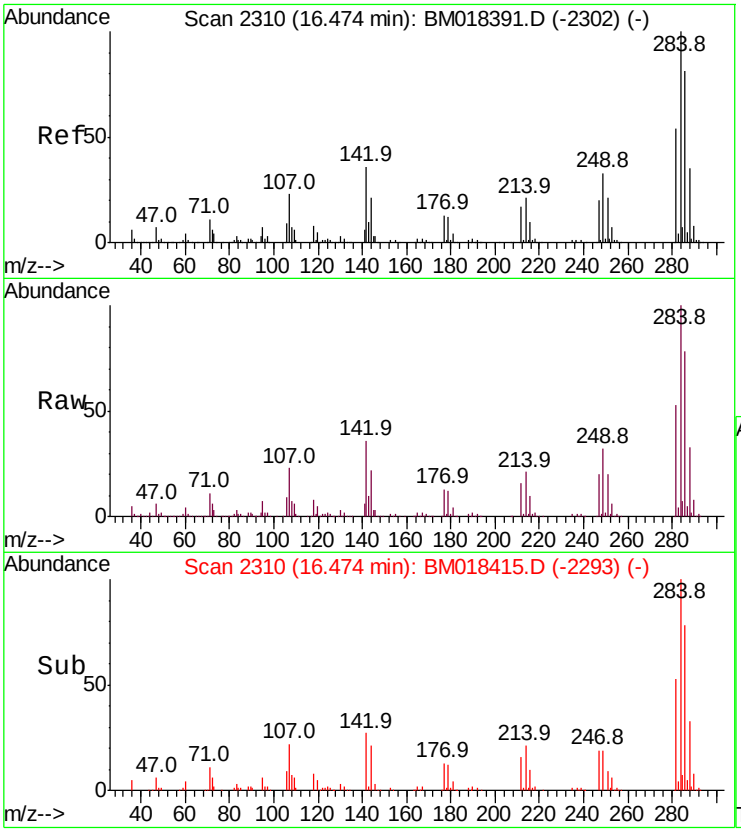


#67
4-Bromophenyl-phenylether
Concen: 27.704 ng
RT: 16.37 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:248 Resp: 914514

Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.0	114.0
141	74.8	61.5	92.3



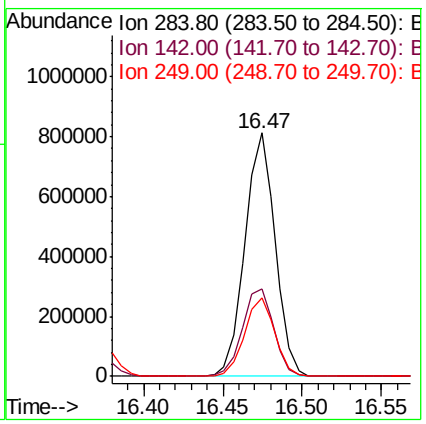


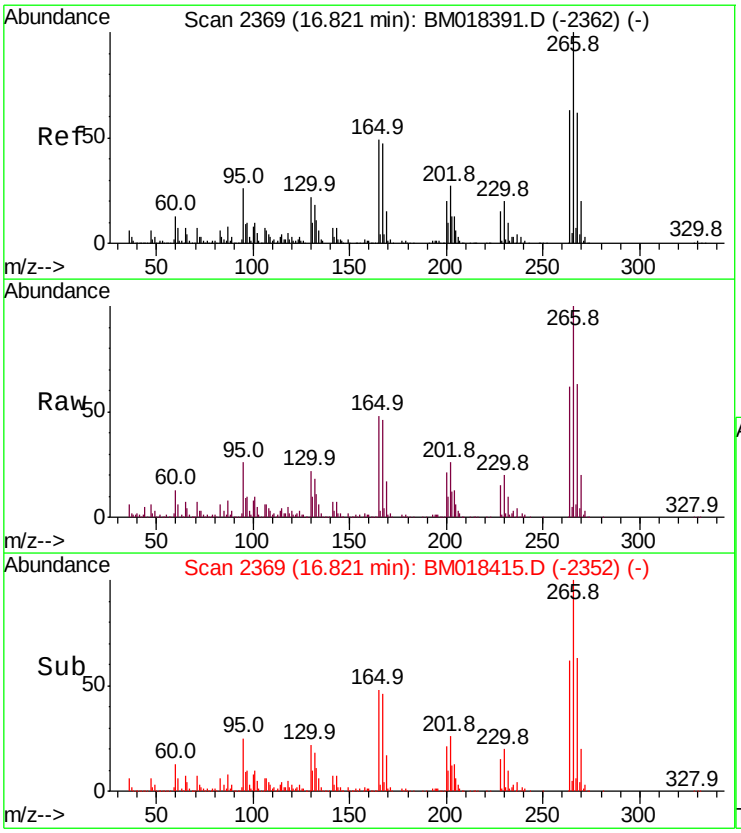
#68
Hexachlorobenzene
Concen: 28.797 ng
RT: 16.47 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:284 Resp: 1076820

Ion	Ratio	Lower	Upper
284	100		
142	35.9	29.2	43.8
249	32.0	26.1	39.1

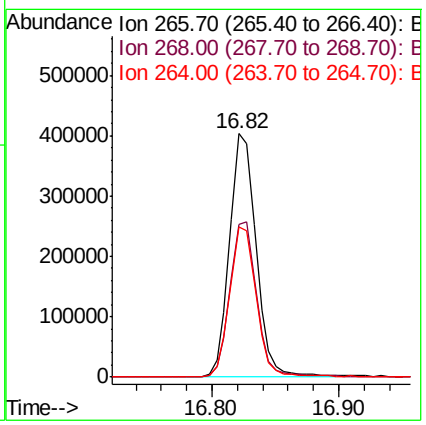


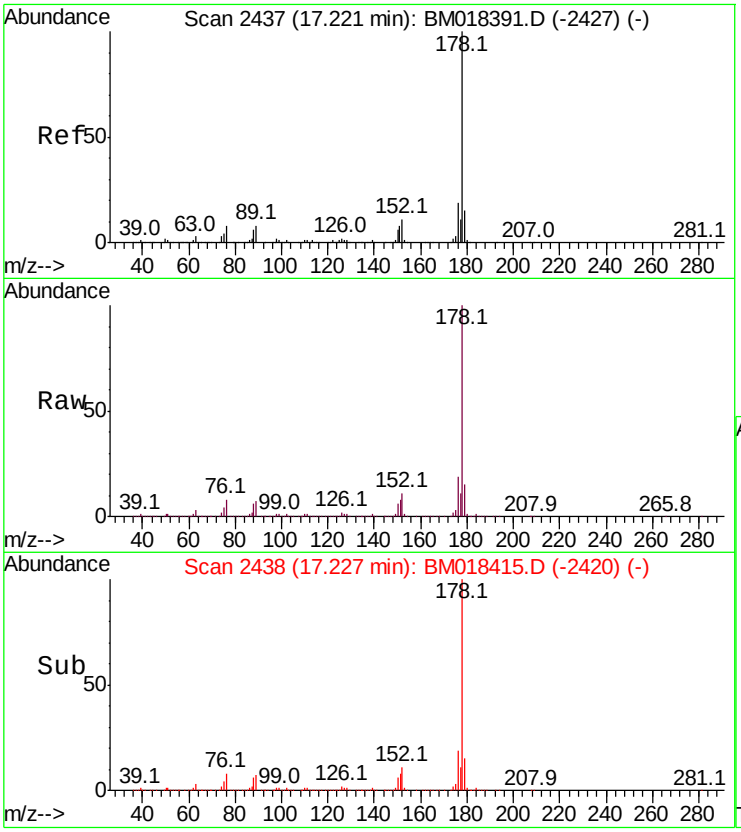


#70
Pentachlorophenol
Concen: 26.892 ng
RT: 16.82 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:266 Resp: 586361

Ion	Ratio	Lower	Upper
266	100		
268	62.5	49.8	74.6
264	61.6	50.1	75.1



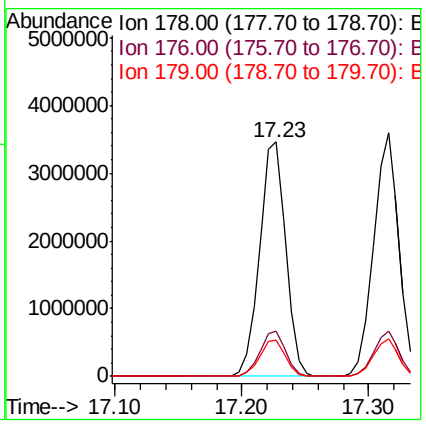


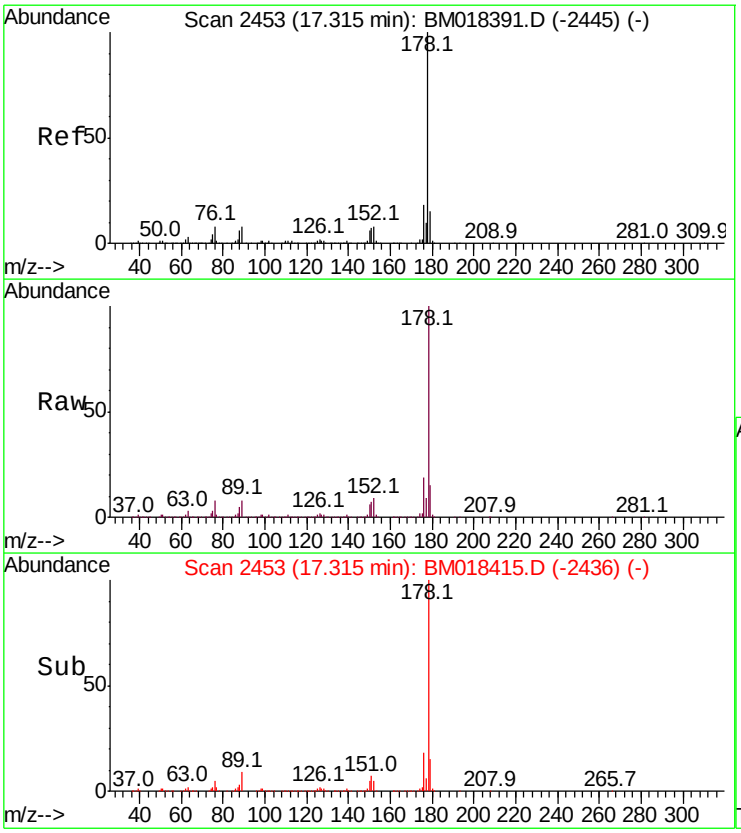
#71
Phenanthrene
Concen: 30.903 ng
RT: 17.23 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:178 Resp: 4958862

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.3	12.2	18.4

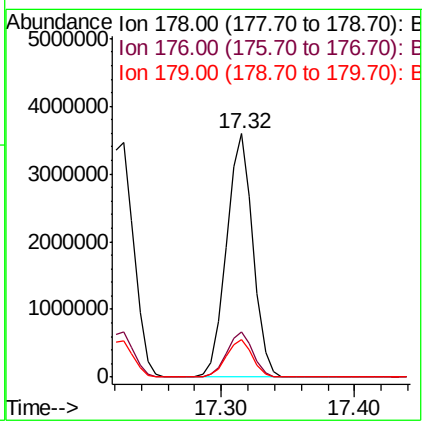


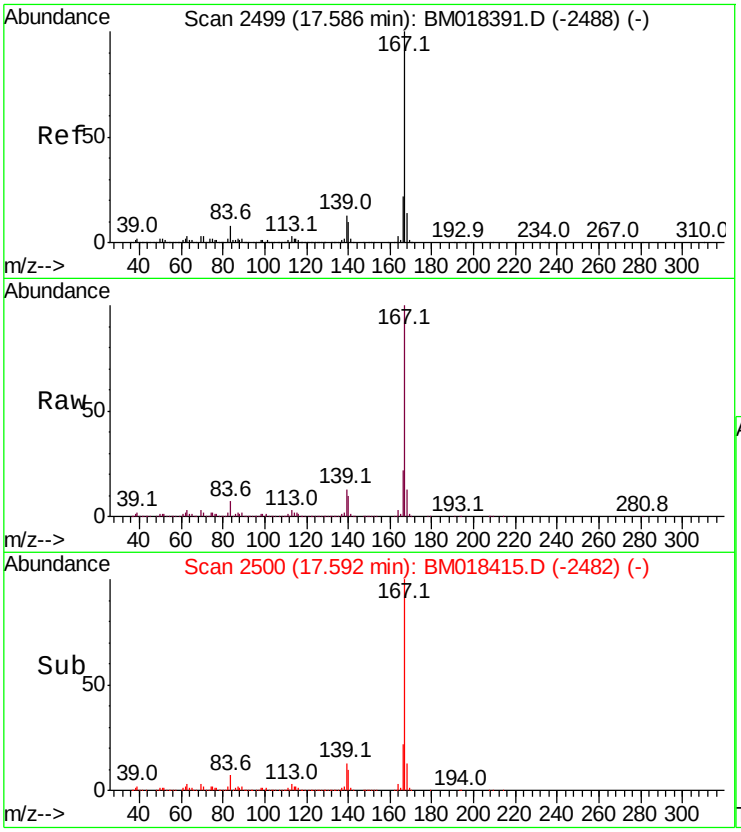


#72
Anthracene
Concen: 31.011 ng
RT: 17.32 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:178 Resp: 4957309

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.4	12.2	18.4



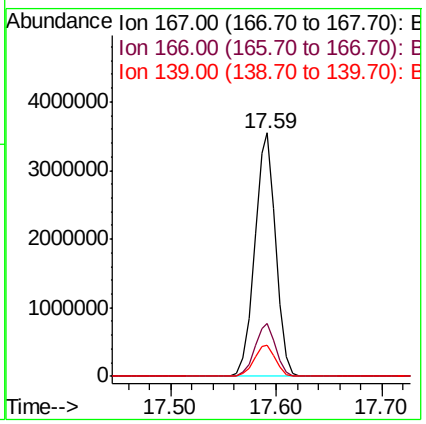


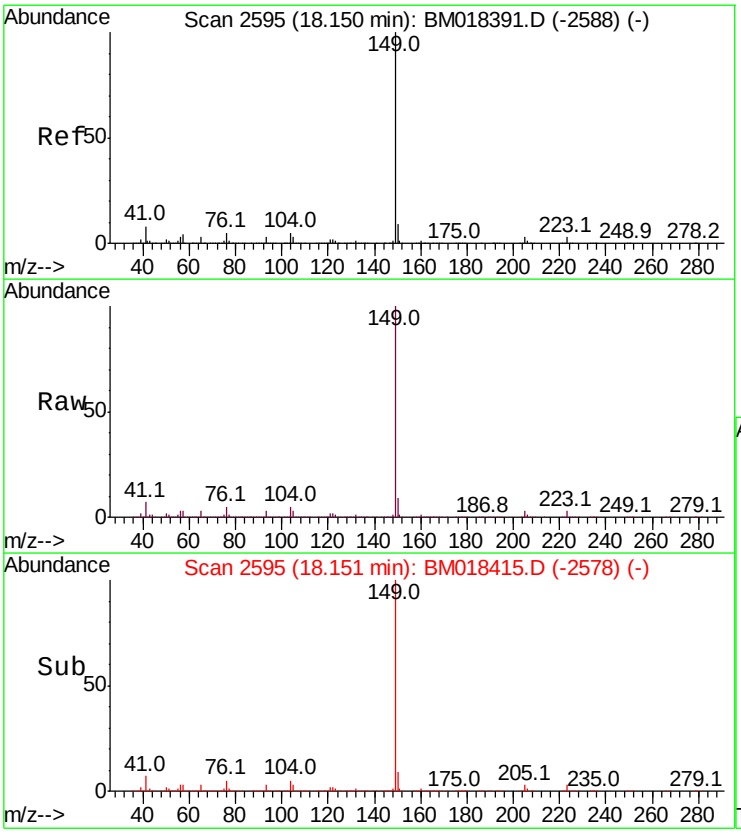
#73
Carbazole
Concen: 29.280 ng
RT: 17.59 min Scan# 2500
Delta R.T. 0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:167 Resp: 4915628

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.0	10.6	16.0

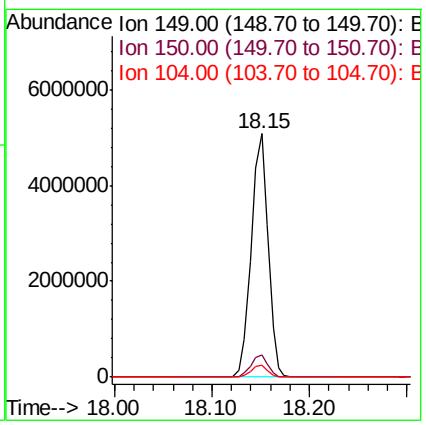


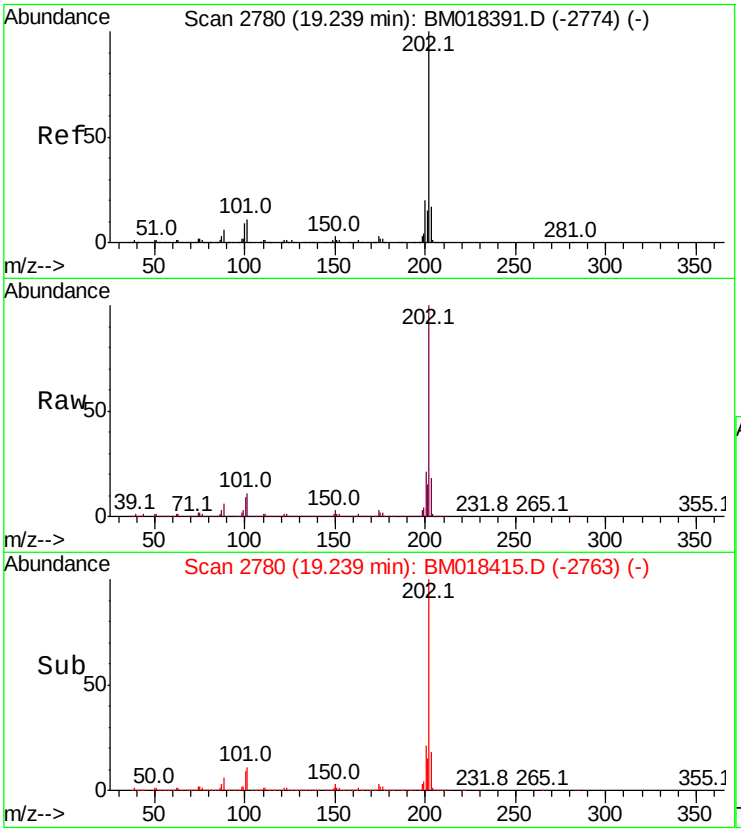


#74
Di-n-butylphthalate
Concen: 31.974 ng
RT: 18.15 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:149 Resp: 6100857

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.0	4.2	6.4



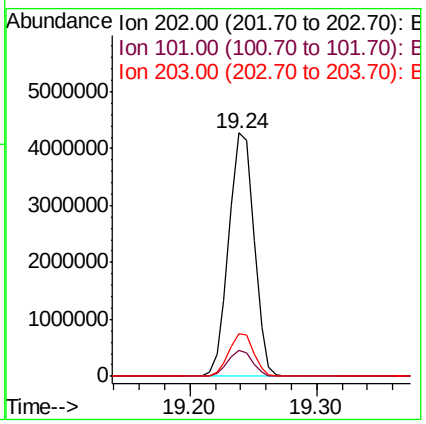


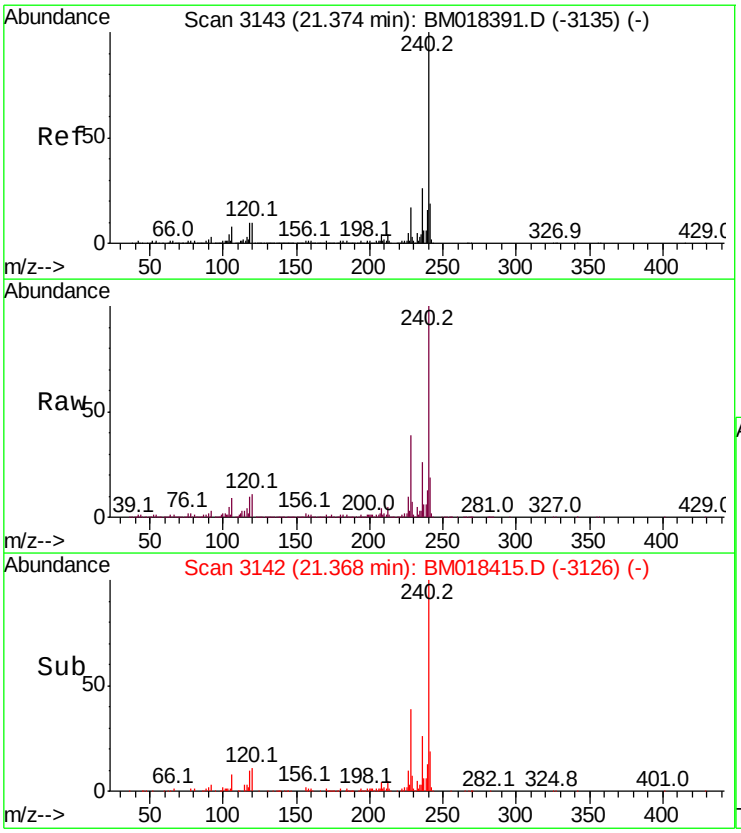
#75
Fluoranthene
Concen: 30.999 ng
RT: 19.24 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:202 Resp: 5891014

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.9
203	17.6	0.0	37.4

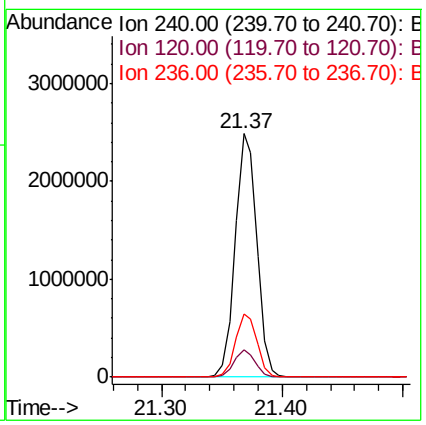


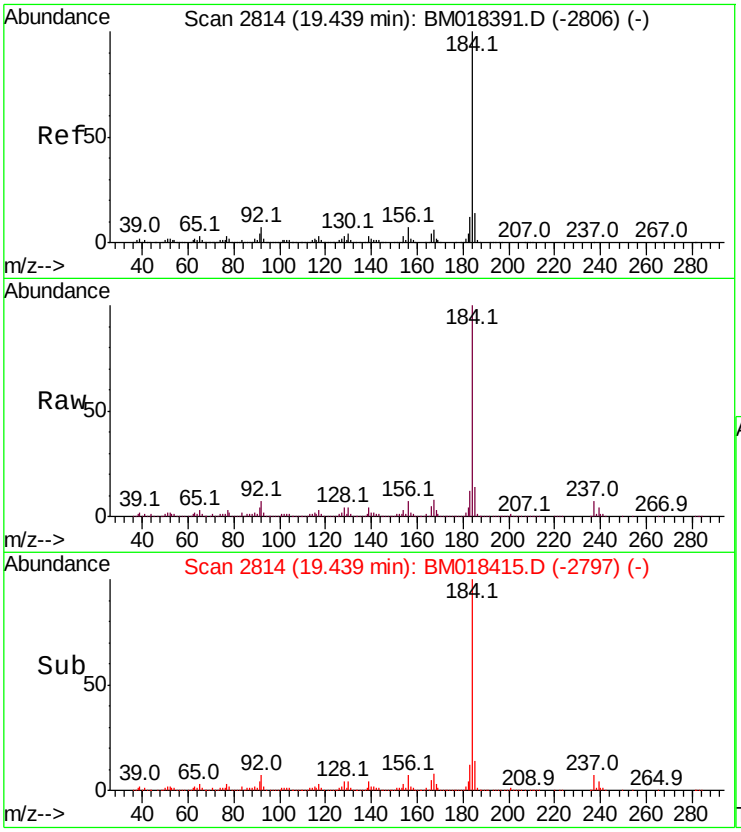


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:240 Resp: 3109366

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	25.8	20.7	31.1



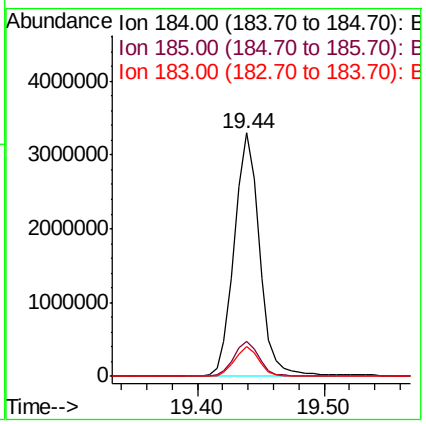


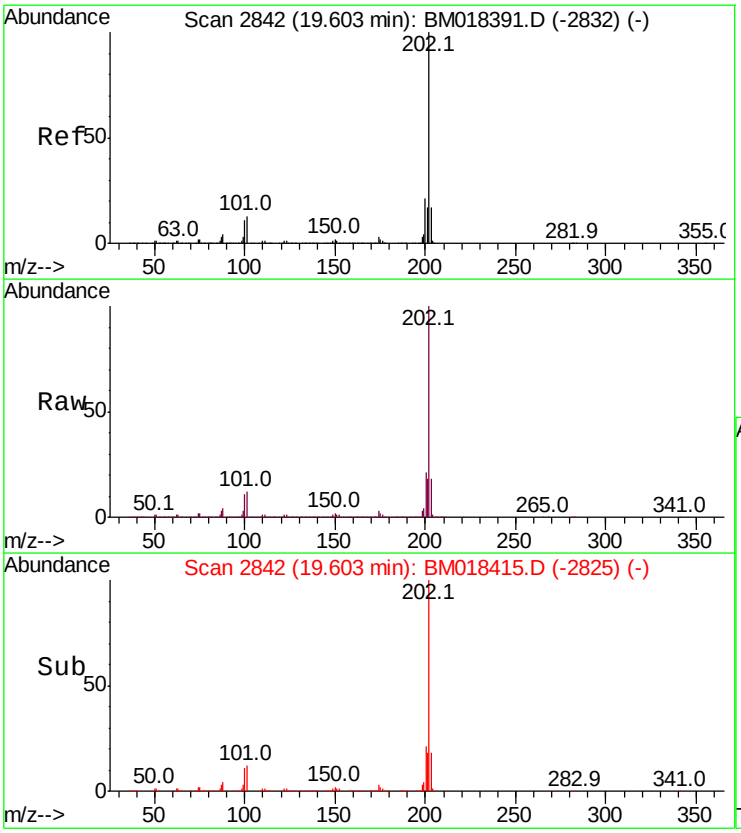
#77
Benzidine
Concen: 51.254 ng
RT: 19.44 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:184 Resp: 4555350

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.0
183	12.0	9.5	14.3

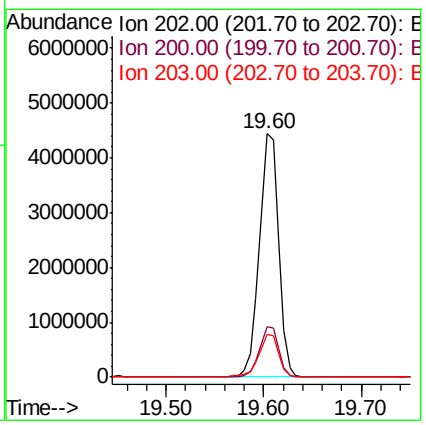


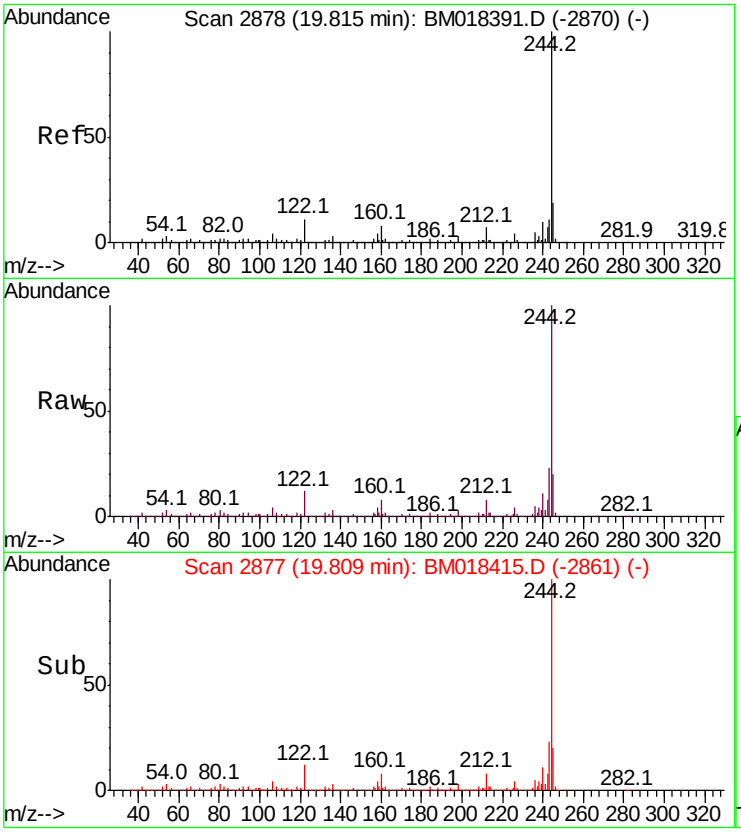


#78
Pyrene
Concen: 34.142 ng
RT: 19.60 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:202 Resp: 6162020

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.6	13.8	20.8



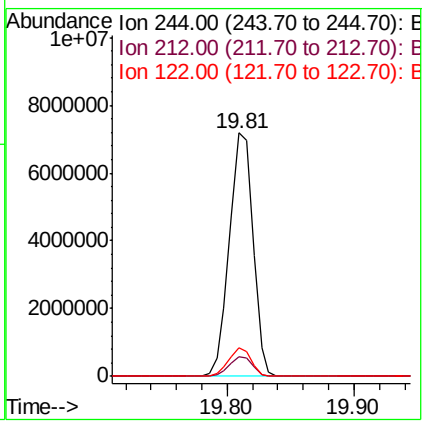


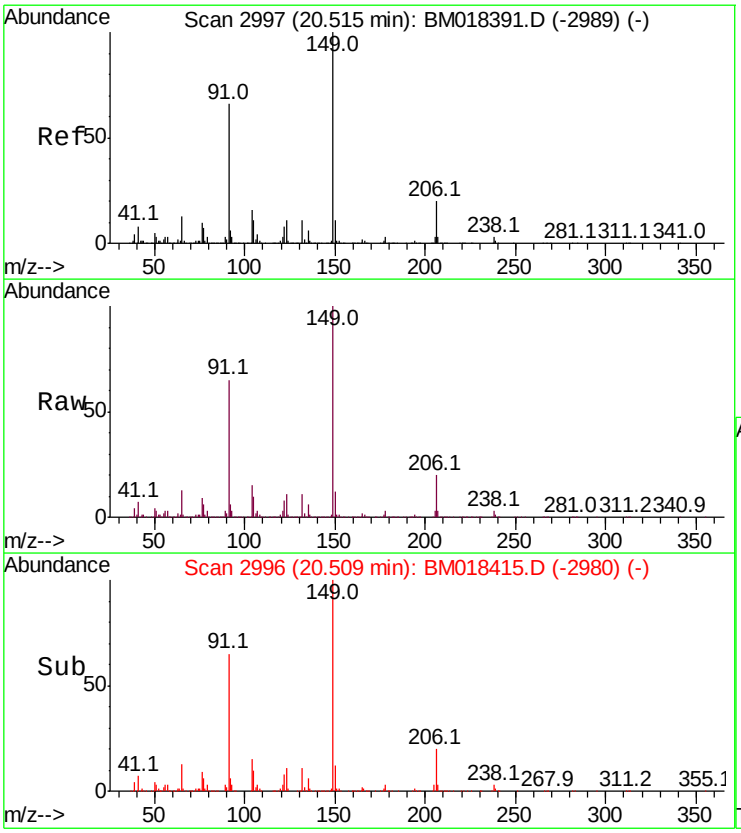
#79
Terphenyl-d14
Concen: 63.141 ng
RT: 19.81 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:244 Resp: 9213406

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	11.6	9.0	13.4

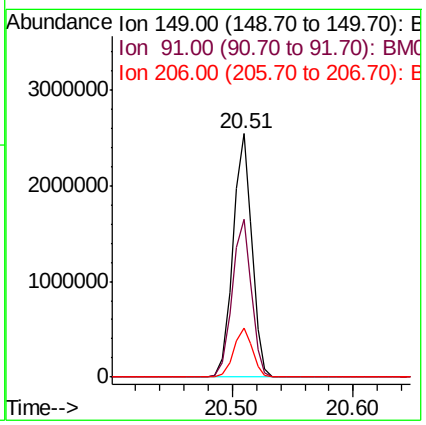


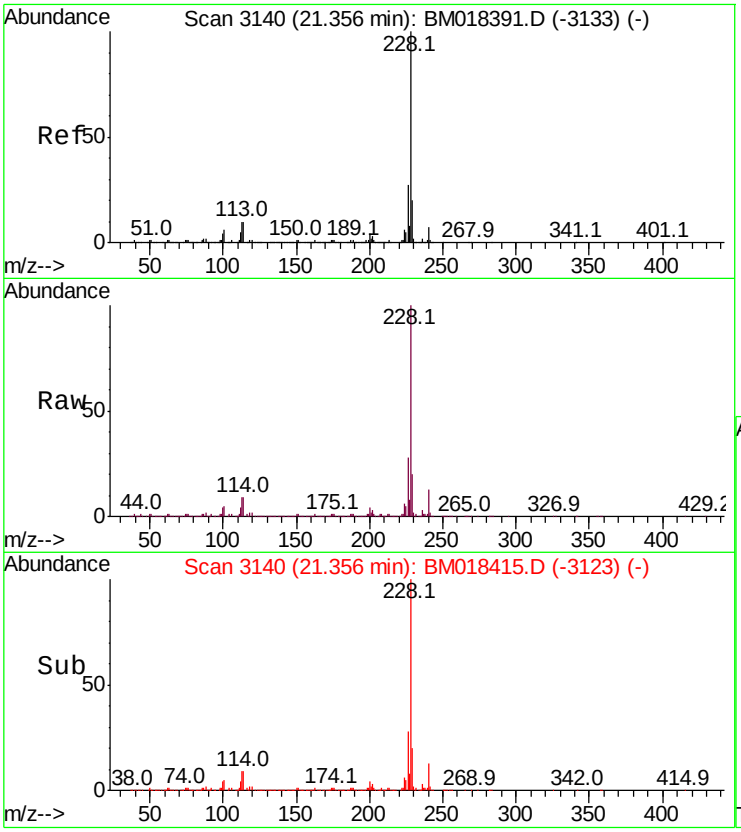


#80
Butylbenzylphthalate
Concen: 35.776 ng
RT: 20.51 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:149 Resp: 2767612

Ion	Ratio	Lower	Upper
149	100		
91	65.0	53.1	79.7
206	20.4	16.2	24.4



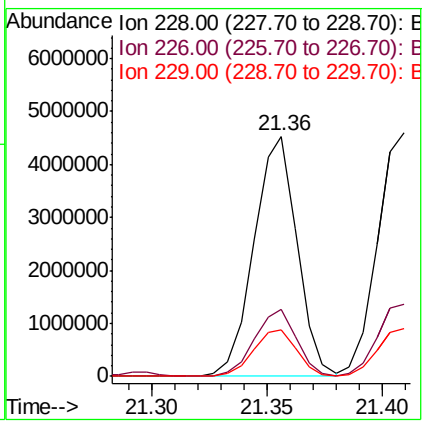


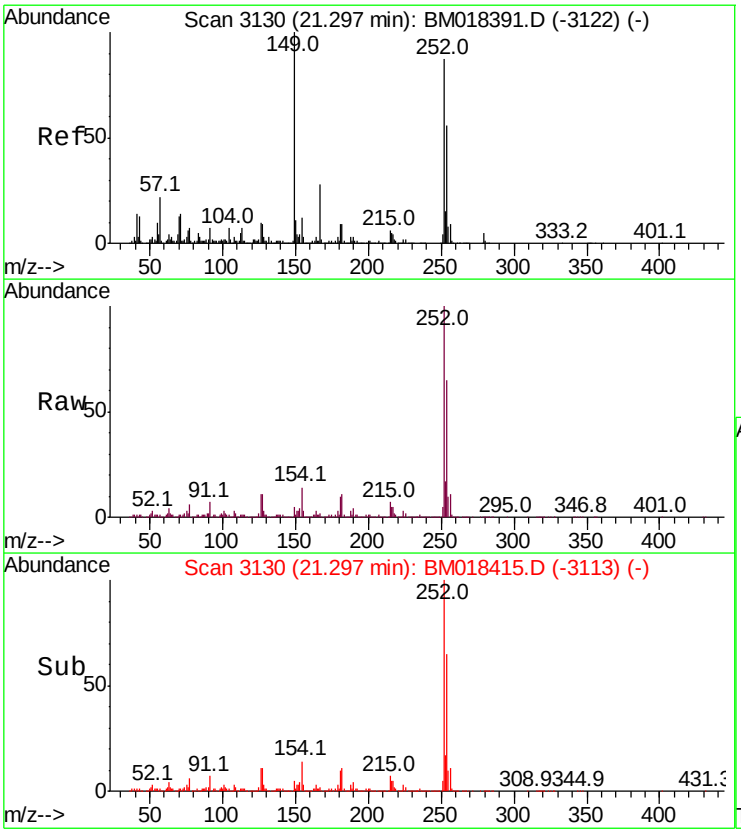
#81
Benzo(a)anthracene
Concen: 32.173 ng
RT: 21.36 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:228 Resp: 5875738

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	19.5	15.8	23.8

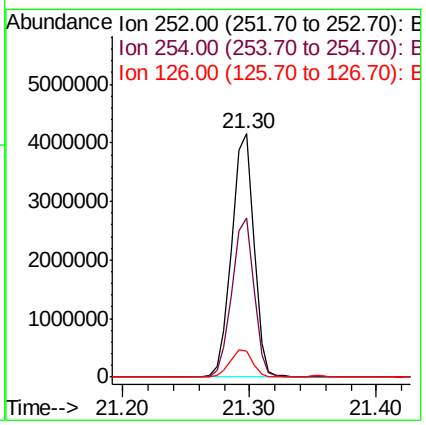


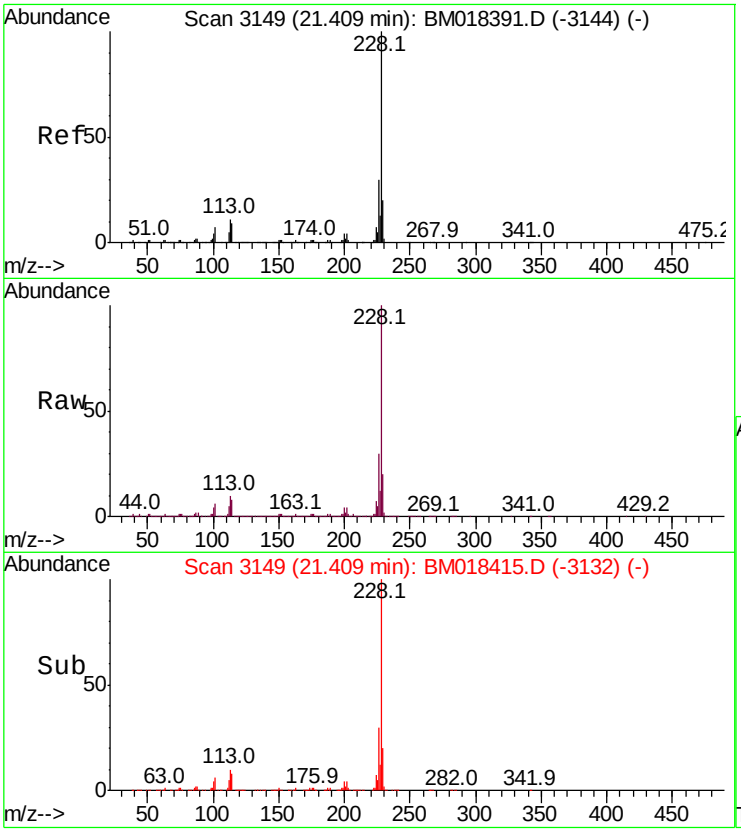


#82
3,3'-Dichlorobenzidine
Concen: 71.360 ng
RT: 21.30 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:252 Resp: 5006850

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.0
126	10.8	8.7	13.1



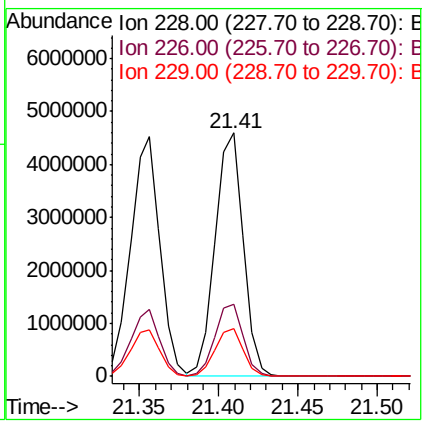


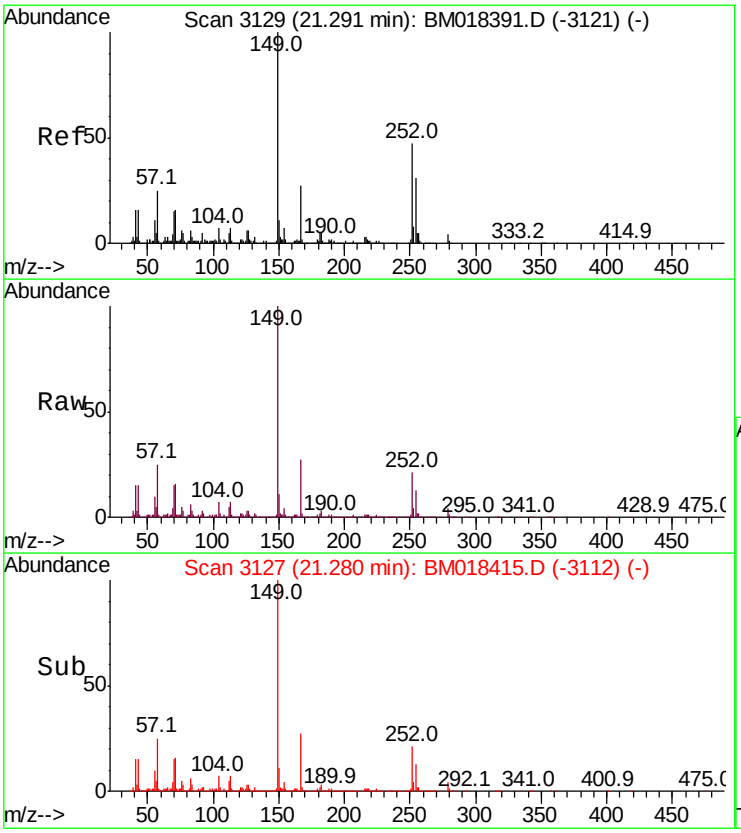
#83
Chrysene
Concen: 32.080 ng
RT: 21.41 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:228 Resp: 5652197

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.6	15.6	23.4

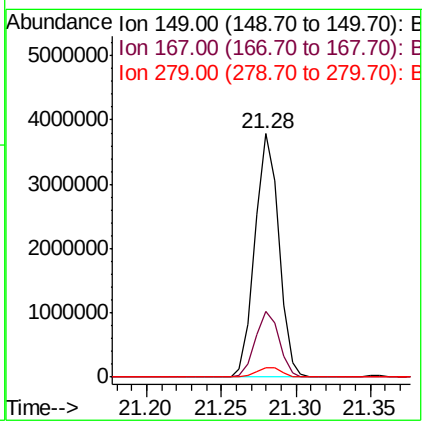


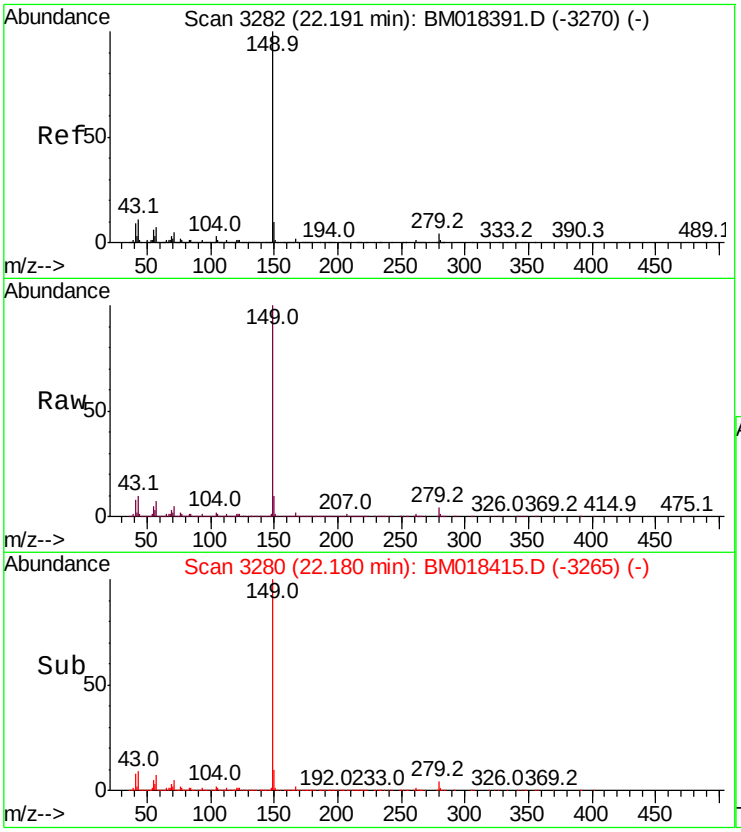


#84
Bis(2-ethylhexyl)phthalate
Concen: 34.024 ng
RT: 21.28 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:149 Resp: 4139690

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	4.0	3.3	4.9



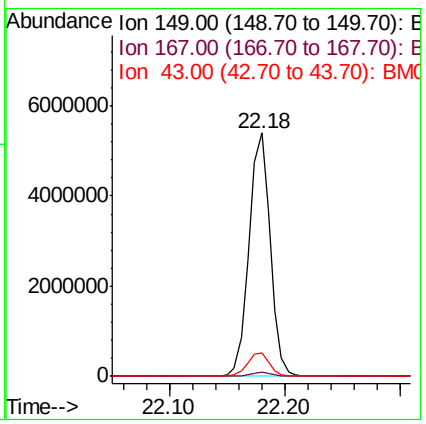


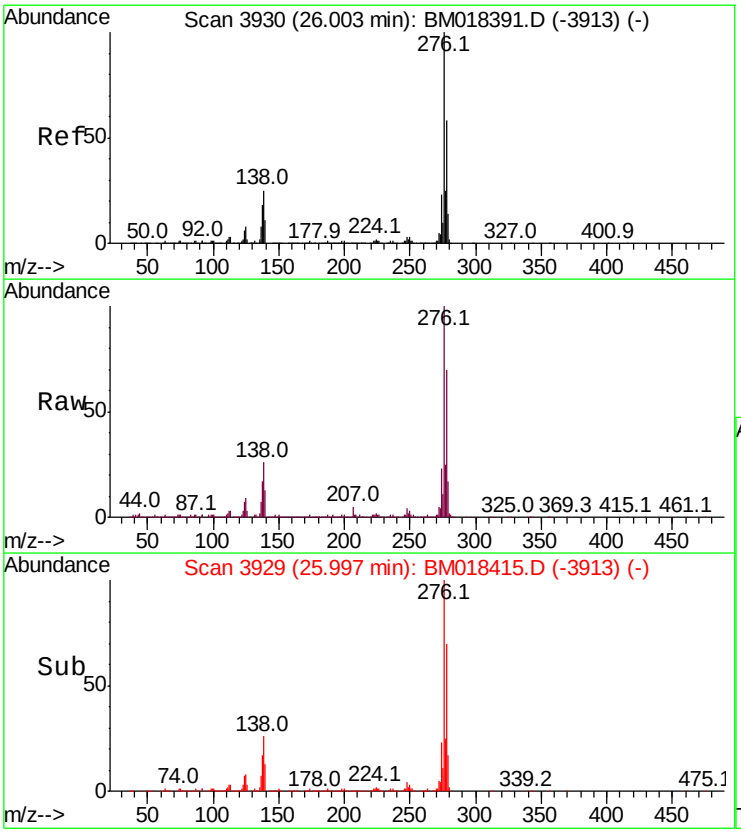
#85
Di-n-octyl phthalate
Concen: 34.276 ng
RT: 22.18 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:149 Resp: 6893328

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.7	8.6	12.8

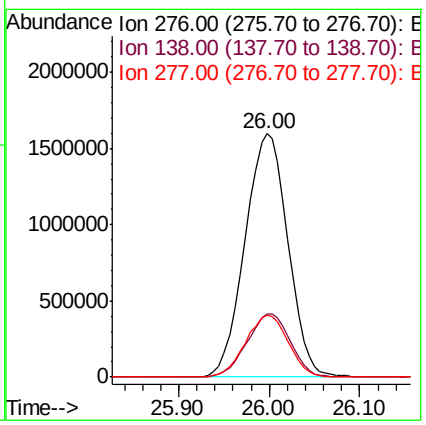


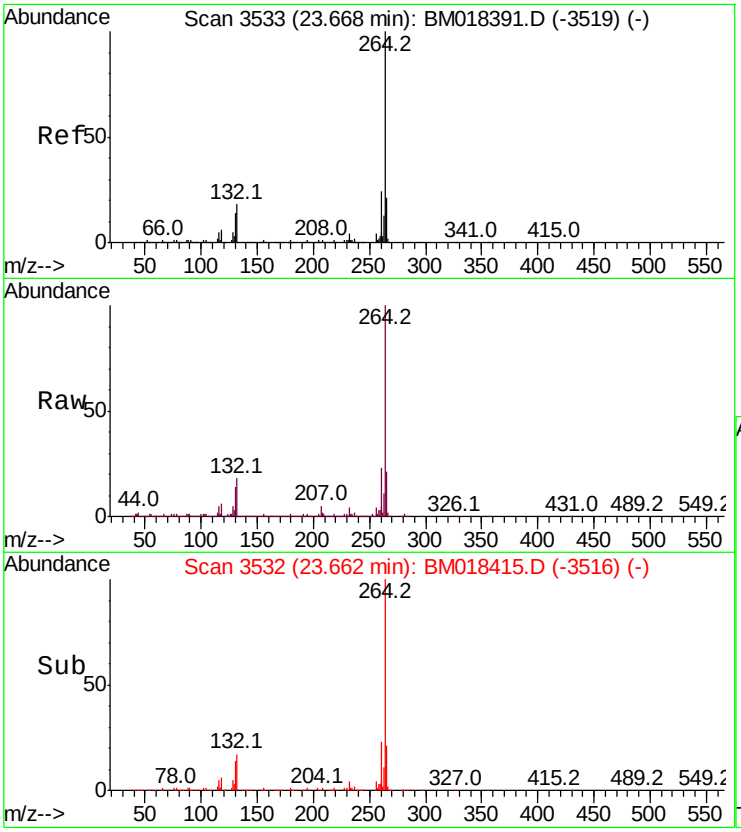


#86
Indeno(1,2,3-cd)pyrene
Concen: 24.048 ng
RT: 26.00 min Scan# 3929
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:276 Resp: 5244753

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.5	32.3
277	25.3	20.2	30.2



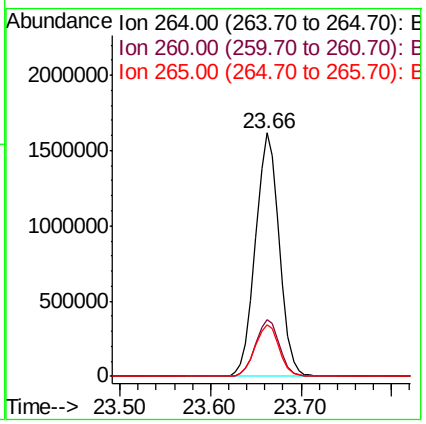


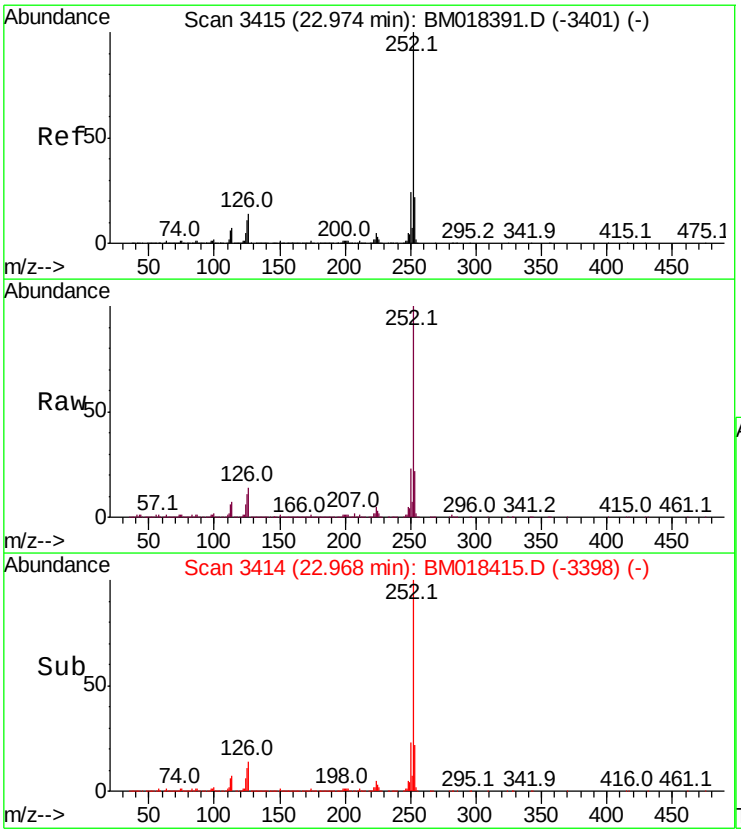
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:264 Resp: 2941816

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.3	16.8	25.2

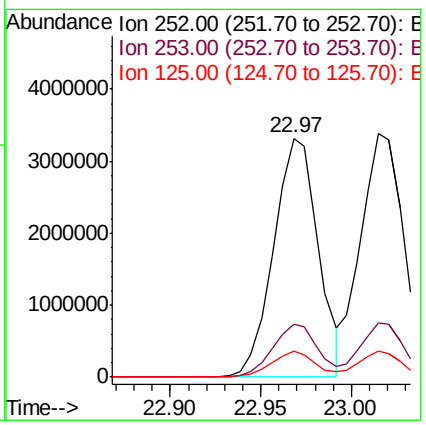


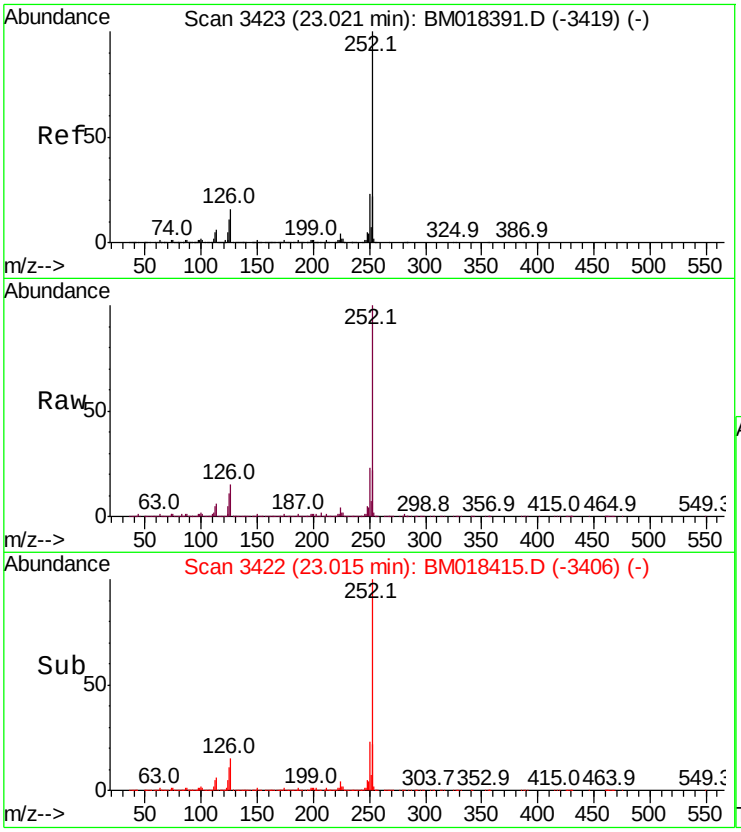


#88
Benzo(b)fluoranthene
Concen: 34.688 ng
RT: 22.97 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:252 Resp: 5691755

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.8	8.5	12.7



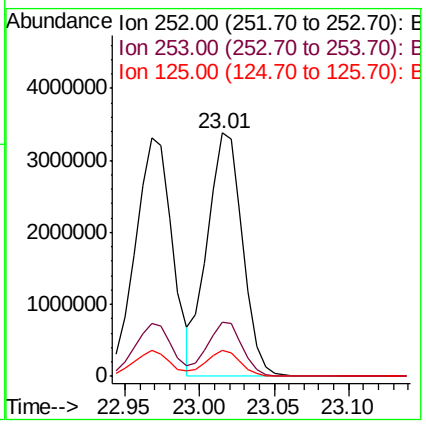


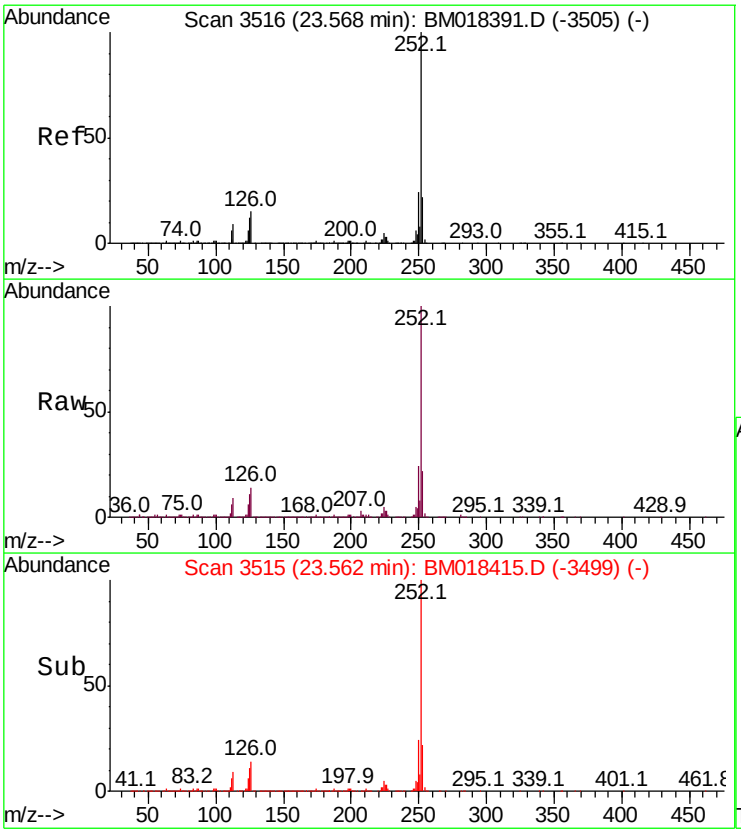
#89
Benzo(k)fluoranthene
Concen: 34.020 ng
RT: 23.01 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:252 Resp: 5583131

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.6	8.6	12.8

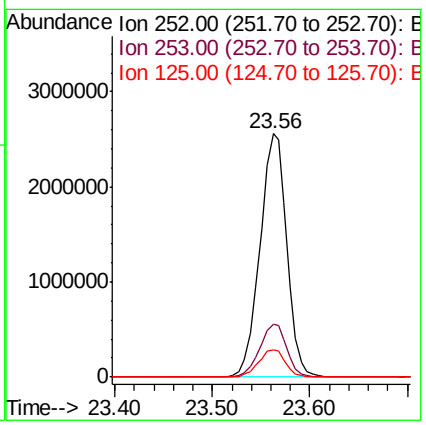


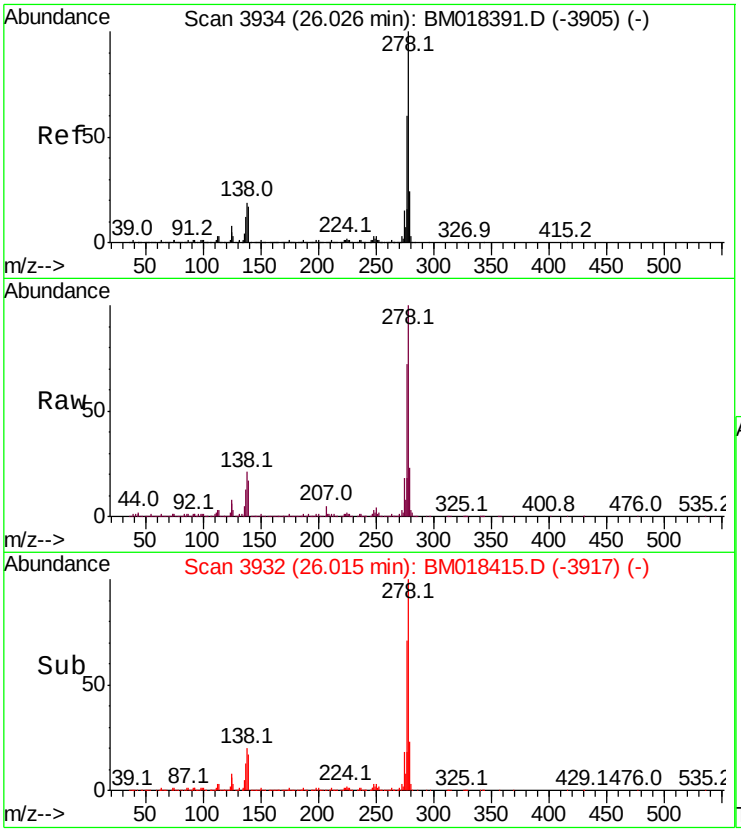


#90
Benzo(a)pyrene
Concen: 31.190 ng
RT: 23.56 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:252 Resp: 4916362

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.4	9.7	14.5



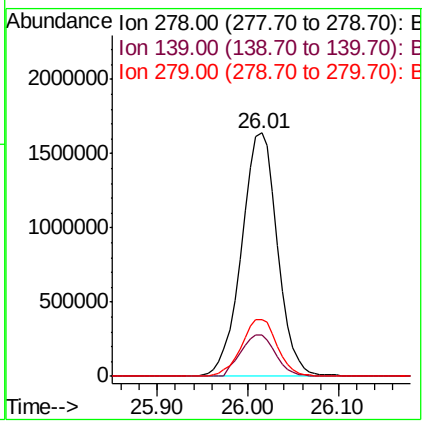


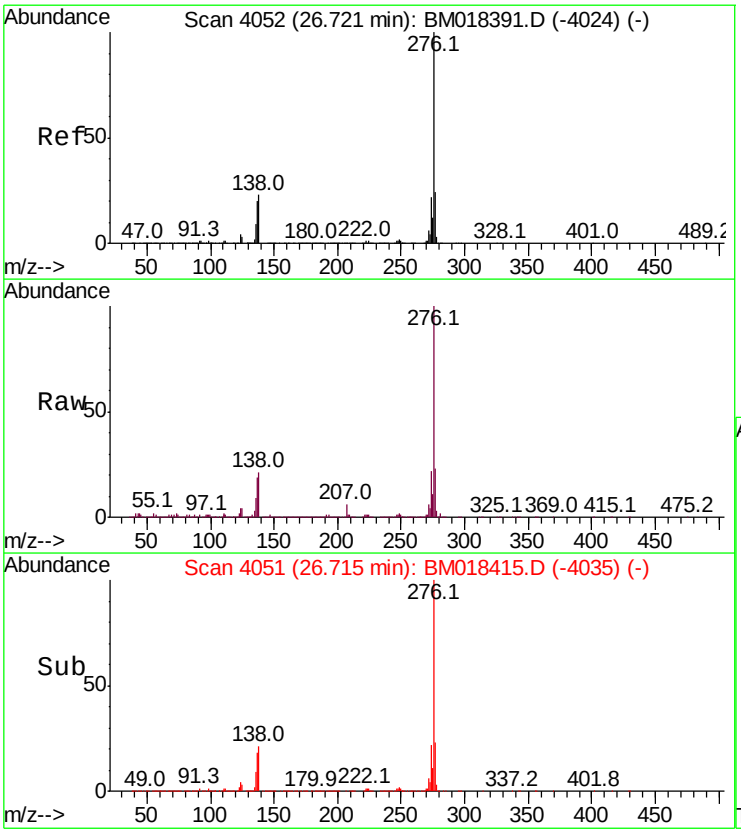
#91
Dibenzo(a,h)anthracene
Concen: 27.438 ng
RT: 26.01 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Instrument :
BNA_M
ClientSampleId :
PB116035BS

Tgt Ion:278 Resp: 4503837

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.2	19.8
279	23.3	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 25.397 ng
RT: 26.71 min Scan# 4051
Delta R.T. -0.01 min
Lab File: BM018415.D
Acq: 28 Dec 2018 02:27

Tgt Ion:276 Resp: 3991686

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.4
138	21.1	18.1	27.1