Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014186.D
Acq On : 08 Feb 2018 10:14
Operator : SJ/JU
Sample : J1161-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 08 16:17:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	66501	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	273604	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	183182	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	466203	20.00	ng		0.00
75) Chrysene-d12	21.16	240	509760	20.00	ng		0.00
86) Perylene-d12	23.34	264	478013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	492273	129.02	ng		0.00
7) Phenol-d6	6.73	99	643651	119.11	ng		0.00
23) Nitrobenzene-d5	8.70	82	602844	98.42	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	332113	127.77	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	1351918	92.13	ng		0.00
78) Terphenyl-d14	19.60	244	2269357	86.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	2664	1.699	ng	#	100
3) Pyridine	3.56	79	5338	1.230	ng	#	73
4) n-Nitrosodimethylamine	3.47	42	4409	1.594	ng	#	22
6) Aniline	6.89	93	11378	1.652	ng	#	91
8) 2-Chlorophenol	7.11	128	7578	1.747	ng	#	69
9) Benzaldehyde	6.72	77	6166	1.586	ng	#	52
10) Phenol	6.76	94	9602	1.800	ng	#	67
11) bis(2-Chloroethyl)ether	6.99	93	6709	1.591	ng		87
12) 1,3-Dichlorobenzene	7.43	146	9698	1.789	ng	#	73
13) 1,4-Dichlorobenzene	7.58	146	10163	1.866	ng	#	87
14) 1,2-Dichlorobenzene	7.88	146	9051	1.652	ng		85
15) Benzyl Alcohol	7.82	79	5103	1.019	ng	#	59
16) 2,2'-oxybis(1-Chloropropan	8.08	45	7737	1.804	ng		85
17) 2-Methylphenol	8.01	107	5828	1.427	ng	#	76
18) Hexachloroethane	8.60	117	4436	1.885	ng	#	80
19) n-Nitroso-di-n-propylamine	8.35	70	7811	1.678	ng	#	81
20) 3+4-Methylphenols	8.36	107	5408	0.915	ng	#	80
22) Acetophenone	8.38	105	12793	1.626	ng	#	79
24) Nitrobenzene	8.75	77	12633	2.003	ng	#	75
25) Isophorone	9.27	82	15285	1.506	ng	#	89
26) 2-Nitrophenol	9.48	139	2547	1.071	ng	#	26
27) 2,4-Dimethylphenol	9.55	122	4517	1.246	ng		86
28) bis(2-Chloroethoxy)methane	9.78	93	6697	1.287	ng	#	88
29) 2,4-Dichlorophenol	10.05	162	2290	0.565	ng	#	68
30) 1,2,4-Trichlorobenzene	10.19	180	8994	1.684	ng	#	91
31) Naphthalene	10.36	128	24726	1.650	ng	#	94
32) Benzoic acid	9.64	122	286	6.265	ng	#	1
33) 4-Chloroaniline	10.54	127	5796	0.931	ng	#	84
34) Hexachlorobutadiene	10.64	225	7051	1.924	ng		90
35) Caprolactam	11.33	113	1015	0.700	ng	#	25
36) 4-Chloro-3-methylphenol	11.65	107	2994	0.596	ng	#	45
37) 2-Methylnaphthalene	12.00	142	17945	1.591	ng	#	82
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	10471	1.631	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	1782	6.608	ng	#	68

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014186.D
Acq On : 08 Feb 2018 10:14
Operator : SJ/JU
Sample : J1161-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 08 16:17:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.65	196	4792	1.271	ng	#	71
43) 2,4,5-Trichlorophenol	12.74	196	5951	1.429	ng	#	54
45) 1,1'-Biphenyl	13.03	154	29785	1.877	ng		87
46) 2-Chloronaphthalene	13.07	162	21400	1.777	ng		94
47) 2-Nitroaniline	13.32	65	5590	1.261	ng		88
48) Acenaphthylene	13.92	152	31447	1.592	ng	#	91
49) Dimethylphthalate	13.67	163	29689	1.810	ng	#	93
50) 2,6-Dinitrotoluene	13.80	165	5144	1.529	ng	#	66
51) Acenaphthene	14.26	154	19669	1.616	ng	#	84
52) 3-Nitroaniline	14.16	138	1758	0.505	ng	#	59
54) Dibenzofuran	14.62	168	32304	1.698	ng	#	86
56) 2,4-Dinitrotoluene	14.62	165	4834	0.931	ng	#	90
57) Fluorene	15.26	166	27178	1.624	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.85	232	5745	1.401	ng	#	100
59) Diethylphthalate	15.04	149	32157	1.767	ng	#	96
60) 4-Chlorophenyl-phenylether	15.26	204	14832	1.705	ng	#	84
61) 4-Nitroaniline	15.36	138	1820	0.523	ng	#	18
62) Azobenzene	15.55	77	32792	1.735	ng	#	74
64) 4,6-Dinitro-2-methylphenol	15.40	198	1133	5.882	ng	#	55
65) n-Nitrosodiphenylamine	15.48	169	22218	1.510	ng		99
66) 4-Bromophenyl-phenylether	16.16	248	9450	1.729	ng	#	86
67) Hexachlorobenzene	16.26	284	10947	1.825	ng	#	67
68) Atrazine	16.45	200	6688	1.212	ng		81
69) Pentachlorophenol	16.65	266	3452	6.714	ng	#	85
70) Phenanthrene	17.00	178	47431	1.687	ng	#	96
71) Anthracene	17.10	178	43834	1.600	ng	#	94
72) Carbazole	17.40	167	29530	1.146	ng		96
73) Di-n-butylphthalate	17.94	149	45721	1.387	ng	#	95
74) Fluoranthene	19.04	202	48640	1.469	ng		94
76) Benzidine	19.25	184	1401	0.092	ng	#	68
77) Pyrene	19.40	202	52112	1.472	ng		96
79) Butylbenzylphthalate	20.31	149	20276	1.271	ng	#	81
80) Benzo(a)anthracene	21.15	228	56796	1.715	ng		94
81) 3,3'-Dichlorobenzidine	21.11	252	13738	1.110	ng	#	78
82) Chrysene	21.20	228	56879	1.770	ng		95
83) Bis(2-ethylhexyl)phthalate	21.09	149	28332	1.218	ng	#	96
84) Di-n-octyl phthalate	21.95	149	42747	1.327	ng	#	89
85) Indeno(1,2,3-cd)pyrene	25.52	276	47937	1.898	ng	#	94
87) Benzo(b)fluoranthene	22.70	252	52519	1.583	ng	#	96
88) Benzo(k)fluoranthene	22.70	252	52519	1.666	ng		96
89) Benzo(a)pyrene	23.24	252	48152	1.647	ng	#	98
90) Dibenzo(a,h)anthracene	25.52	278	17694	0.741	ng		99
91) Benzo(g,h,i)perylene	26.18	276	17282	0.774	ng	#	91

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

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Sample : J1161-09
Misc :
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Instrument :
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ClientSampleId :

Quant Time: Feb 08 16:17:49 2018
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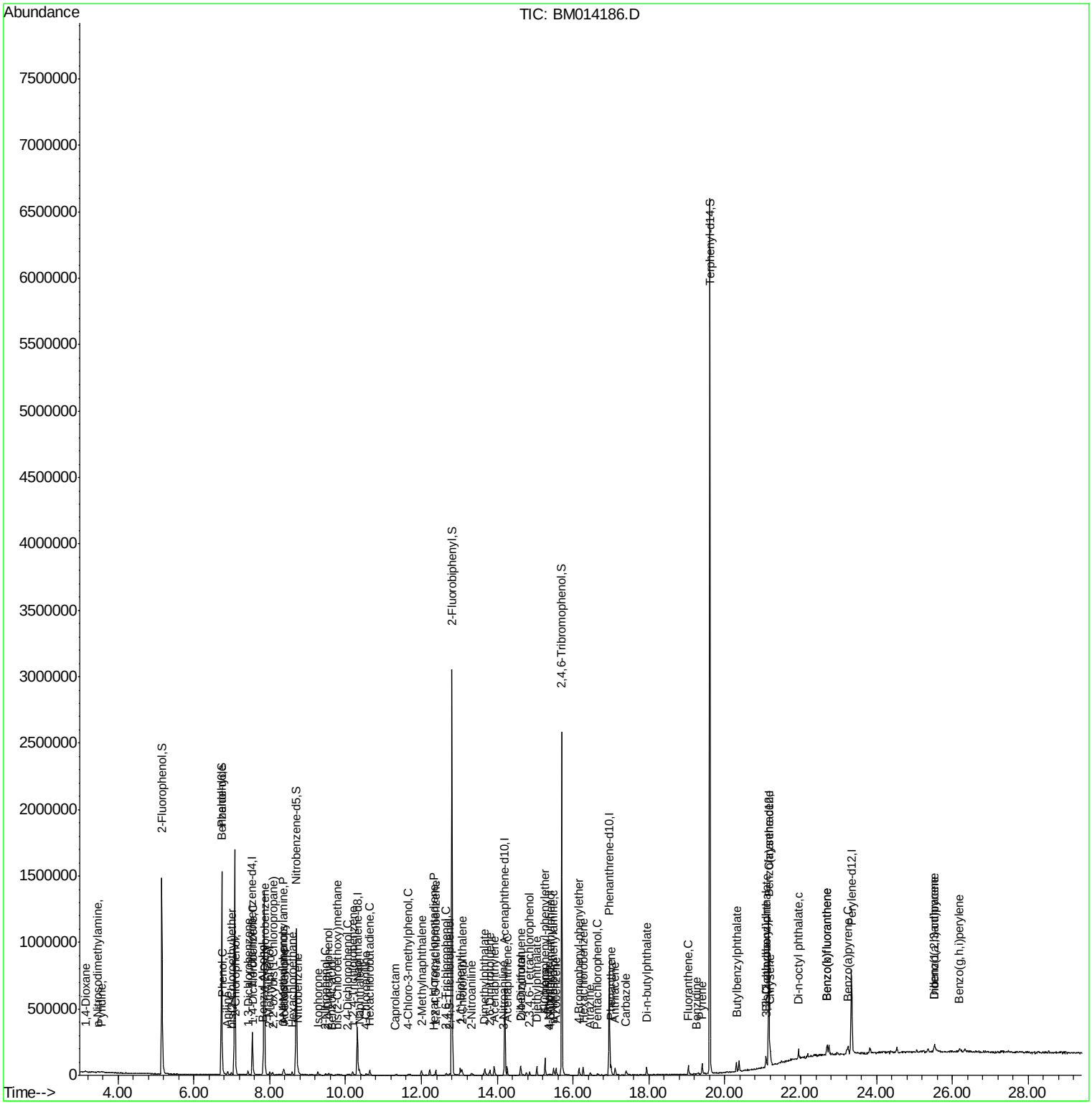
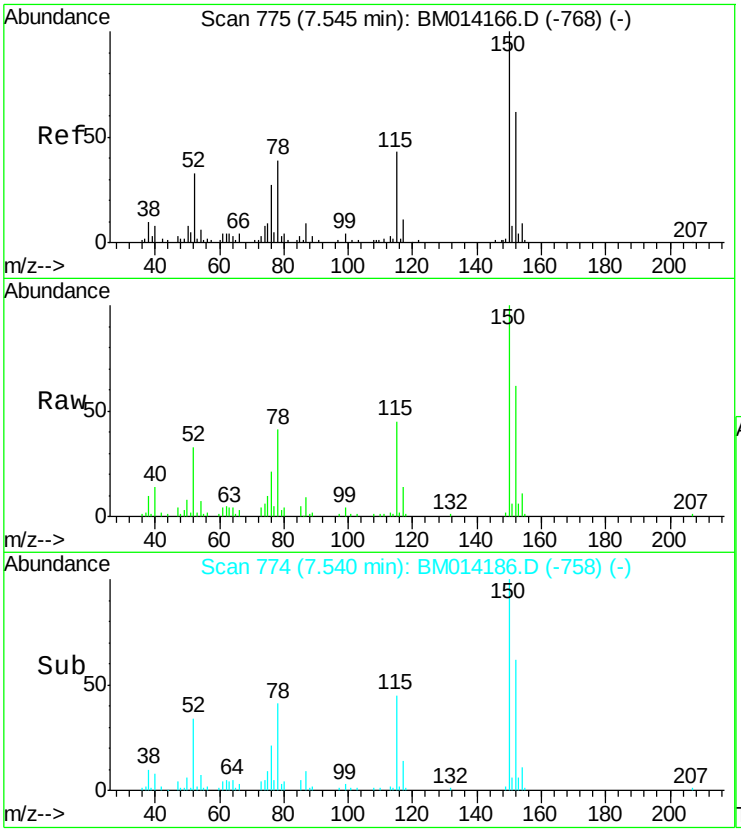
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration



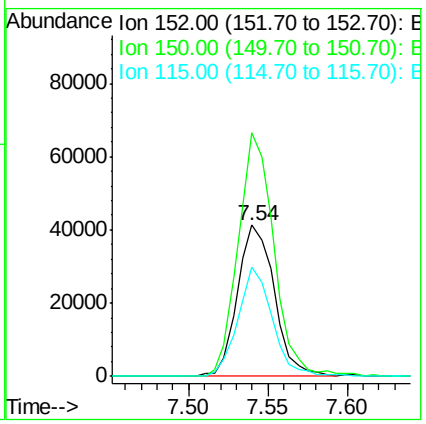


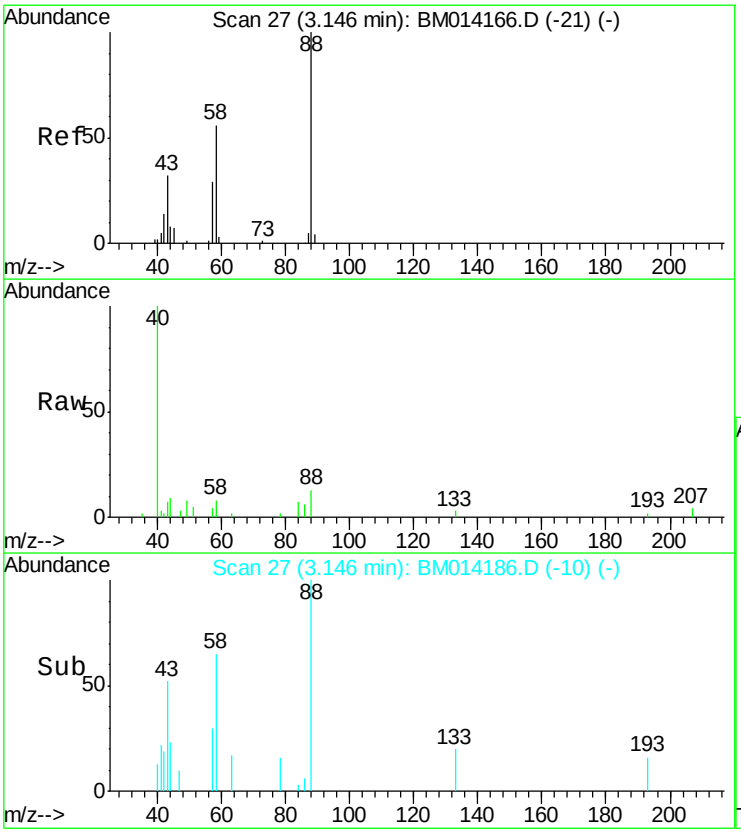
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 66501

Ion	Ratio	Lower	Upper
152	100		
150	161.0	119.5	179.3
115	72.4	43.0	64.4#

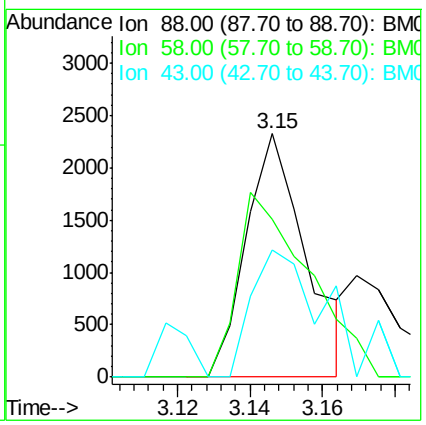


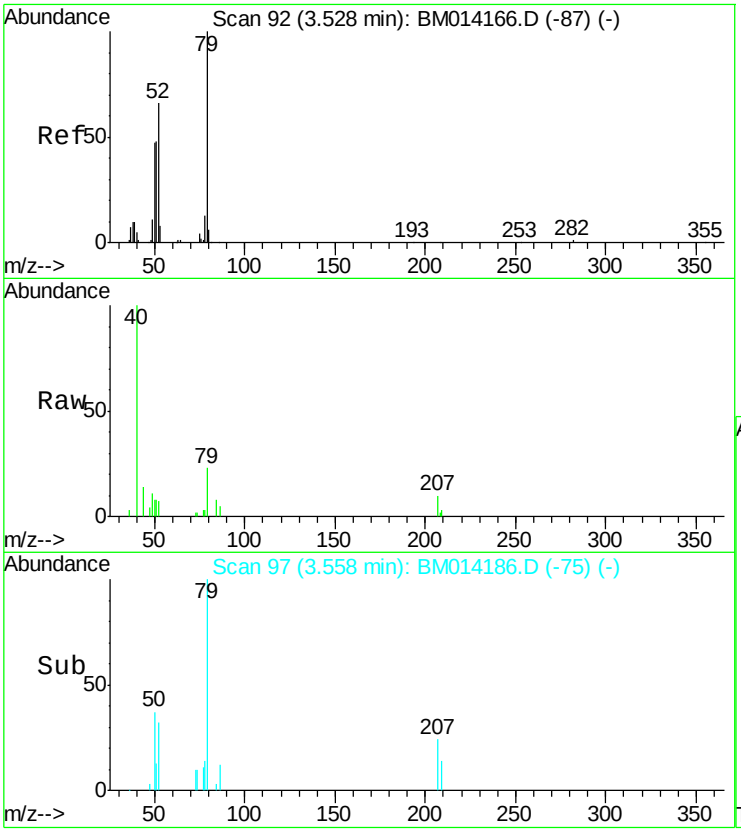


#2
1,4-Dioxane
Concen: 1.699 ng
RT: 3.15 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion: 88 Resp: 2664

Ion	Ratio	Lower	Upper
88	100		
58	90.5	0.0	0.0#
43	66.1	0.0	0.0#



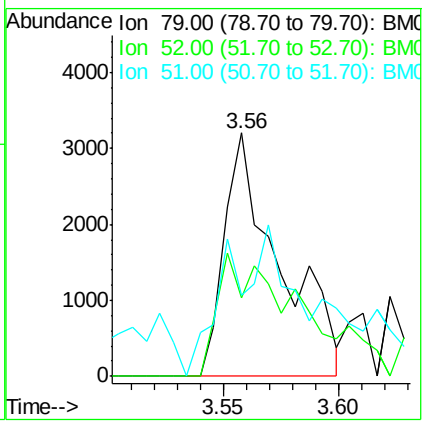


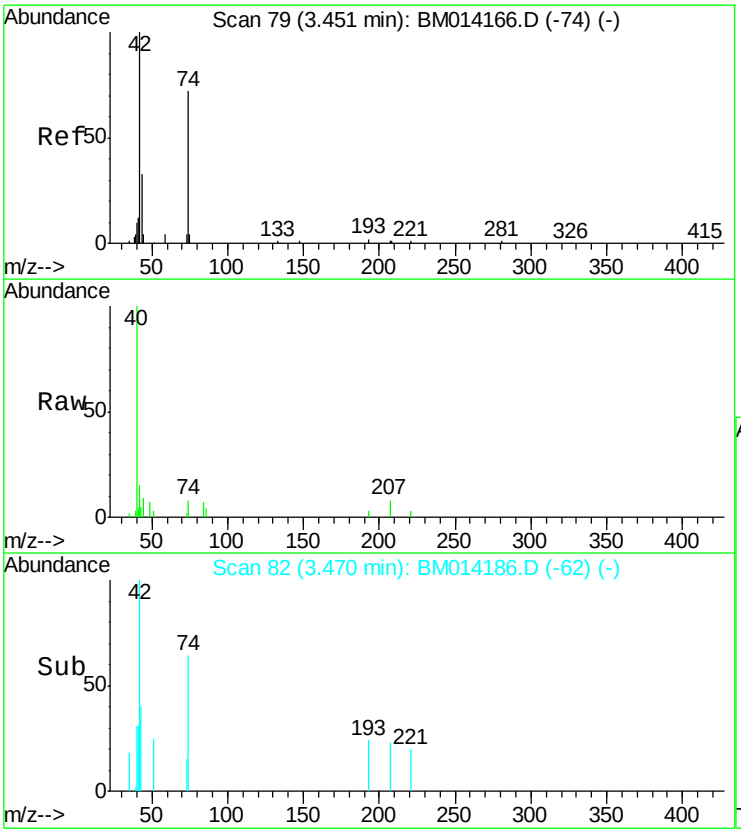
#3
Pyridine
Concen: 1.230 ng
RT: 3.56 min Scan# 97
Delta R.T. 0.03 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 5338

Ion	Ratio	Lower	Upper
79	100		
52	32.3	51.1	76.7#
51	33.2	26.1	39.1

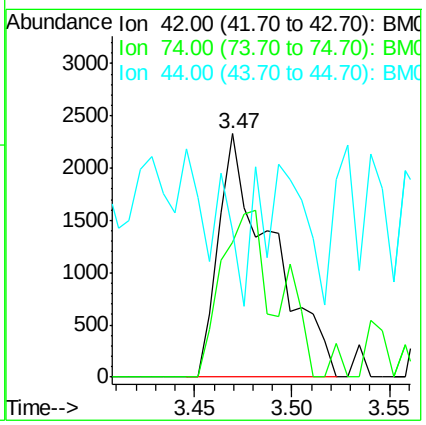


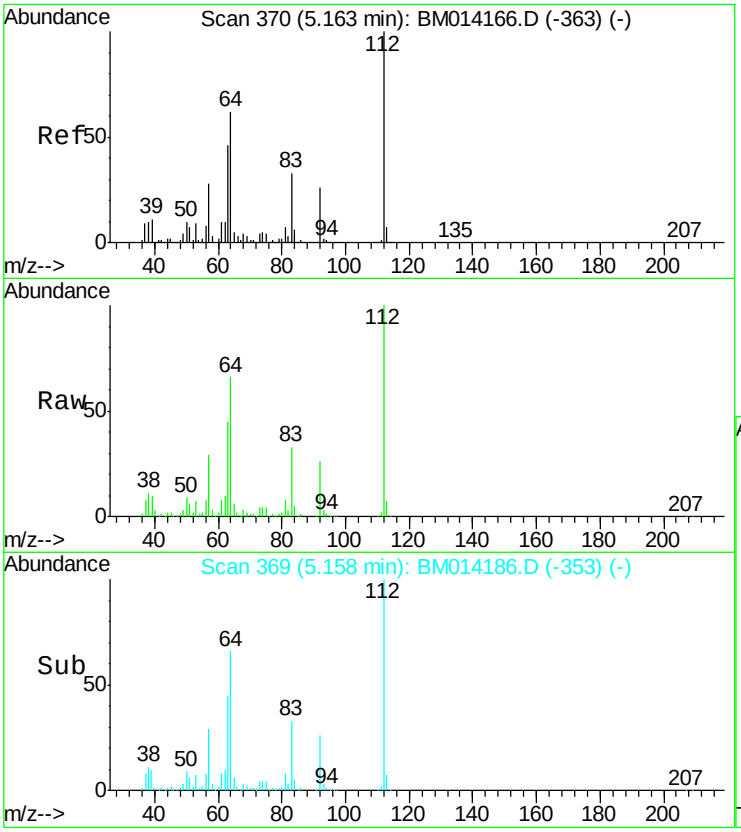


#4
n-Nitrosodimethylamine
Concen: 1.594 ng
RT: 3.47 min Scan# 82
Delta R.T. 0.02 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion: 42 Resp: 4409

Ion	Ratio	Lower	Upper
42	100		
74	55.5	119.3	178.9#
44	60.3	5.4	8.2#



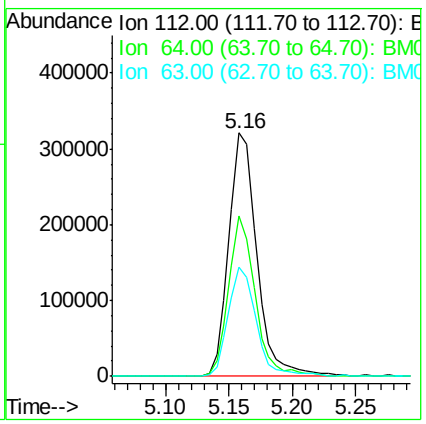


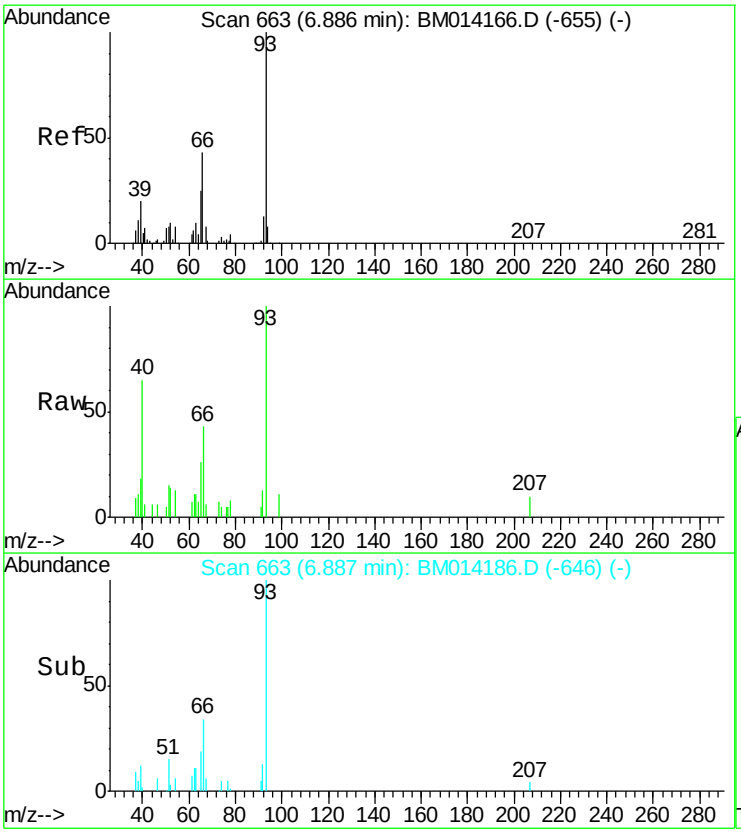
#5
2-Fluorophenol
Concen: 129.024 ng
RT: 5.16 min Scan# 369
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 492273

Ion	Ratio	Lower	Upper
112	100		
64	66.0	38.6	57.8#
63	44.6	19.3	28.9#

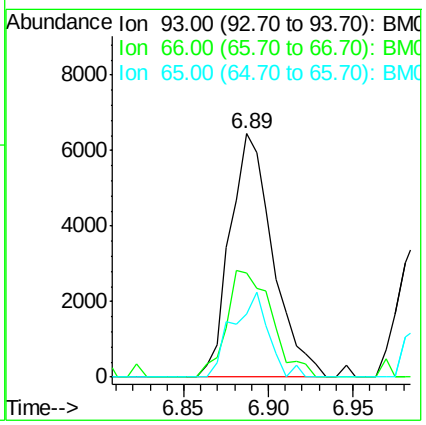


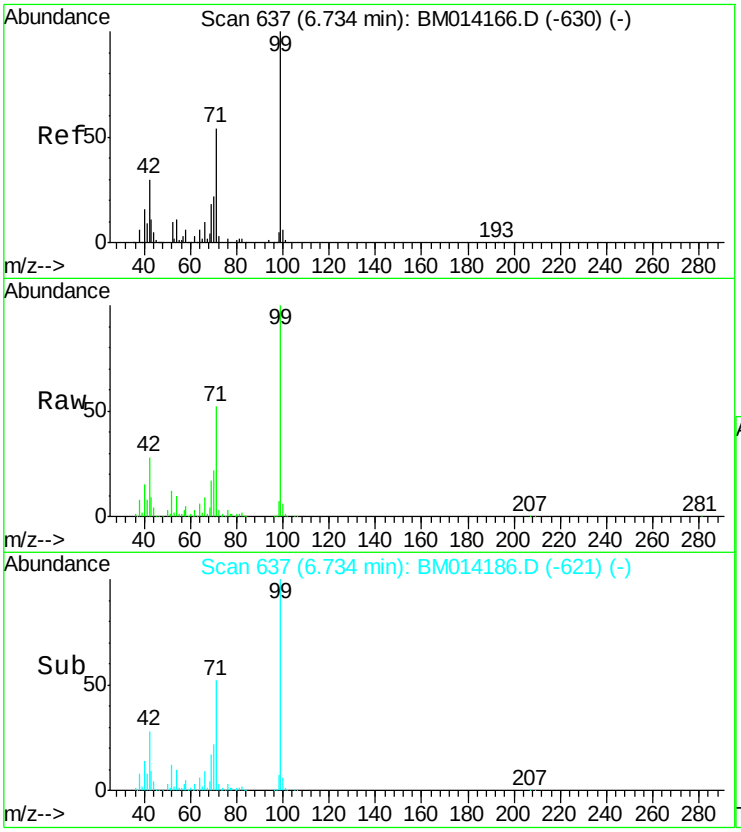


#6
Aniline
Concen: 1.652 ng
RT: 6.89 min Scan# 663
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion: 93 Resp: 11378

Ion	Ratio	Lower	Upper
93	100		
66	43.0	30.8	46.2
65	26.0	16.0	24.0#



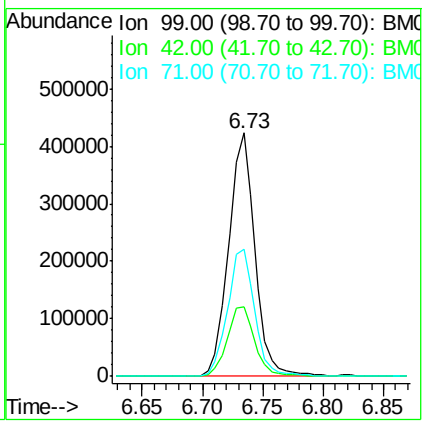


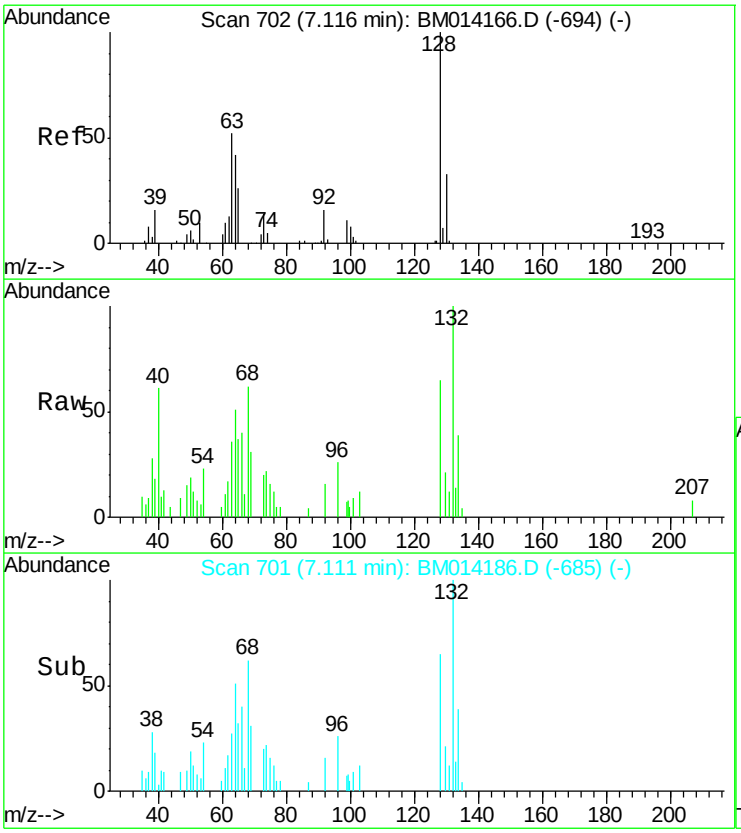
#7
Phenol-d6
Concen: 119.115 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 643651

Ion	Ratio	Lower	Upper
99	100		
42	28.4	11.0	16.4#
71	52.1	23.4	35.2#

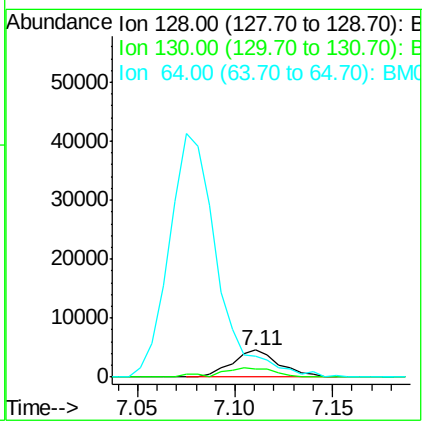


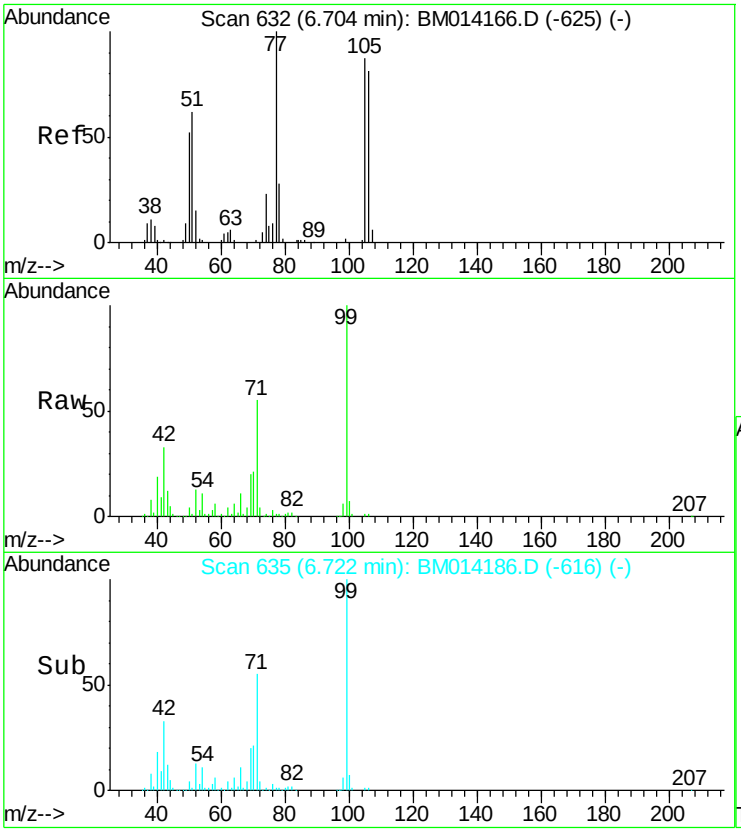


#8
2-Chlorophenol
Concen: 1.747 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:128 Resp: 7578

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.0	52.0
64	78.8	24.9	64.9#



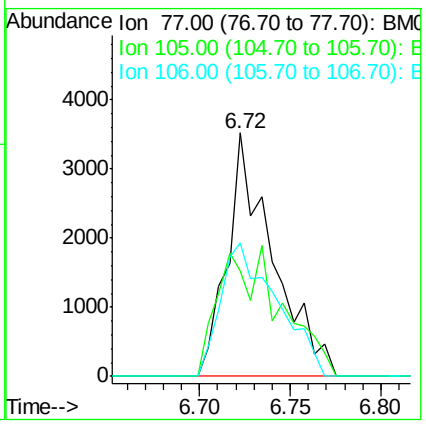


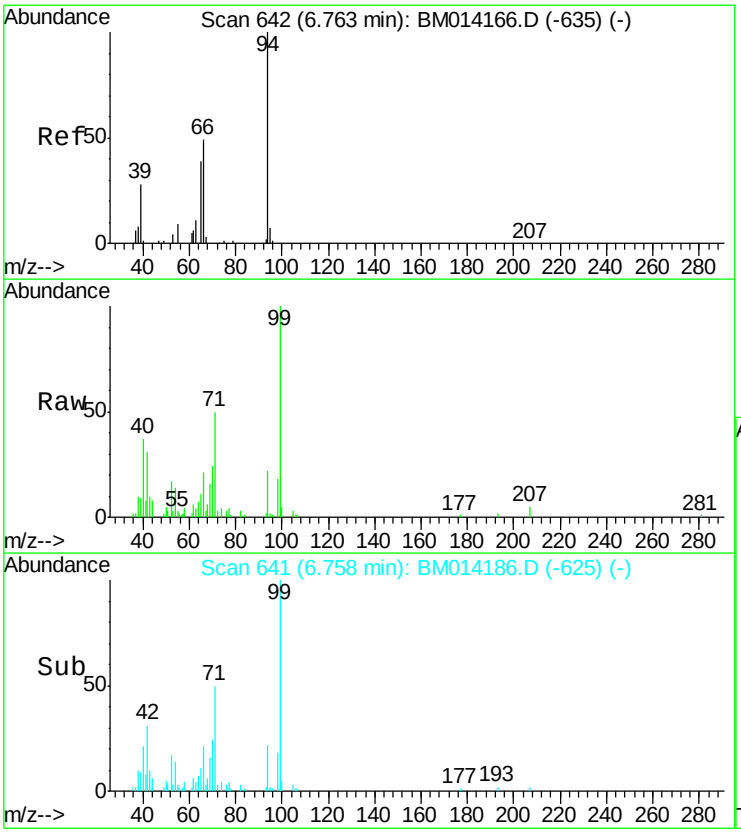
#9
Benzaldehyde
Concen: 1.586 ng
RT: 6.72 min Scan# 635
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 6166

Ion	Ratio	Lower	Upper
77	100		
105	43.0	78.8	118.8#
106	54.9	73.7	113.7#

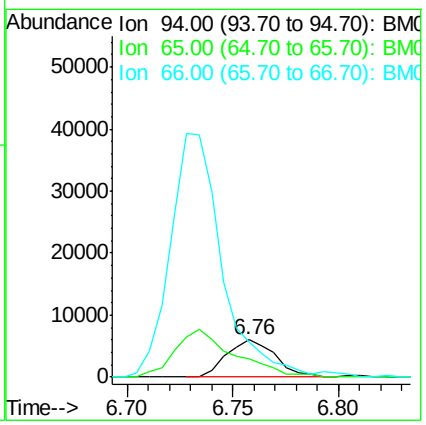


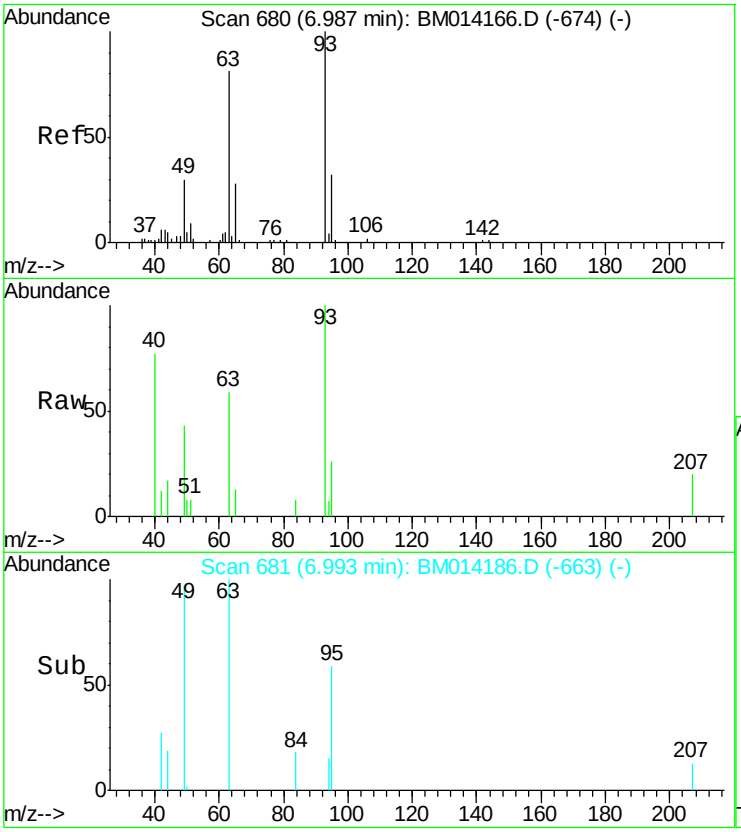


#10
Phenol
Concen: 1.800 ng
RT: 6.76 min Scan# 641
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion: 94 Resp: 9602

Ion	Ratio	Lower	Upper
94	100		
65	49.7	18.8	58.8
66	92.5	39.9	79.9#



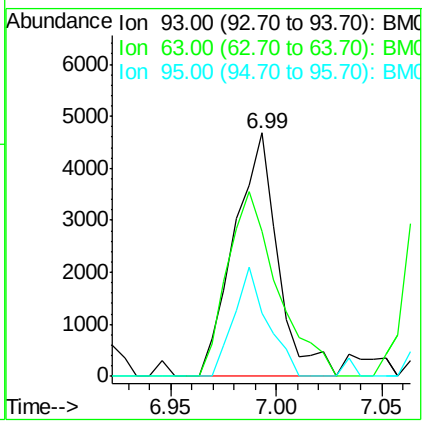


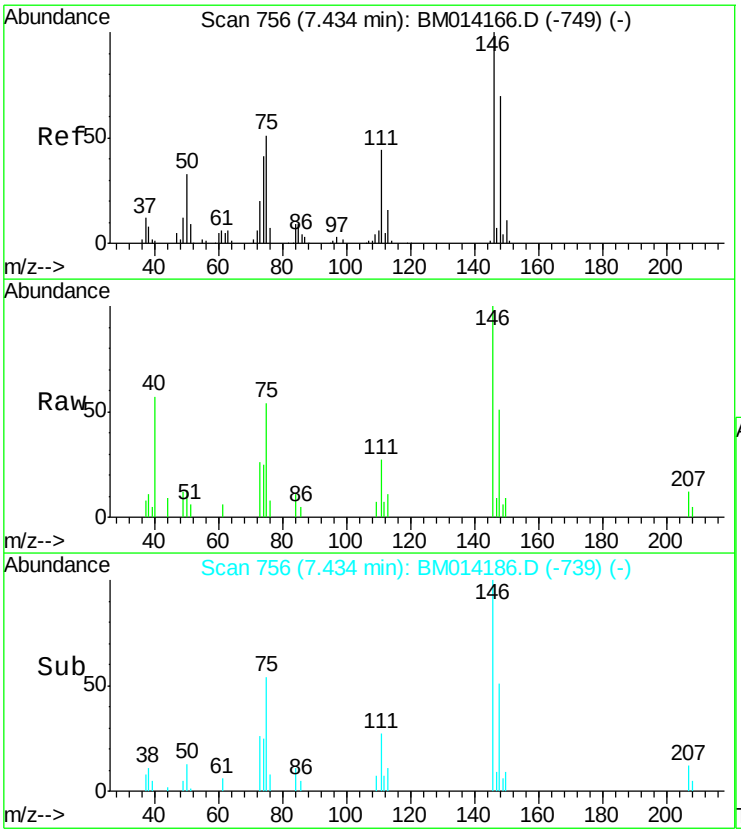
#11
bis(2-Chloroethyl)ether
Concen: 1.591 ng
RT: 6.99 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 6709

Ion	Ratio	Lower	Upper
93	100		
63	59.4	49.5	89.5
95	26.0	13.5	53.5

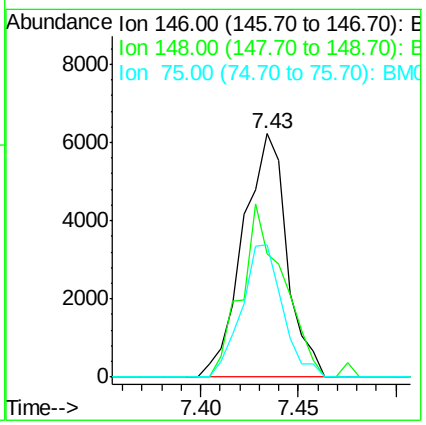


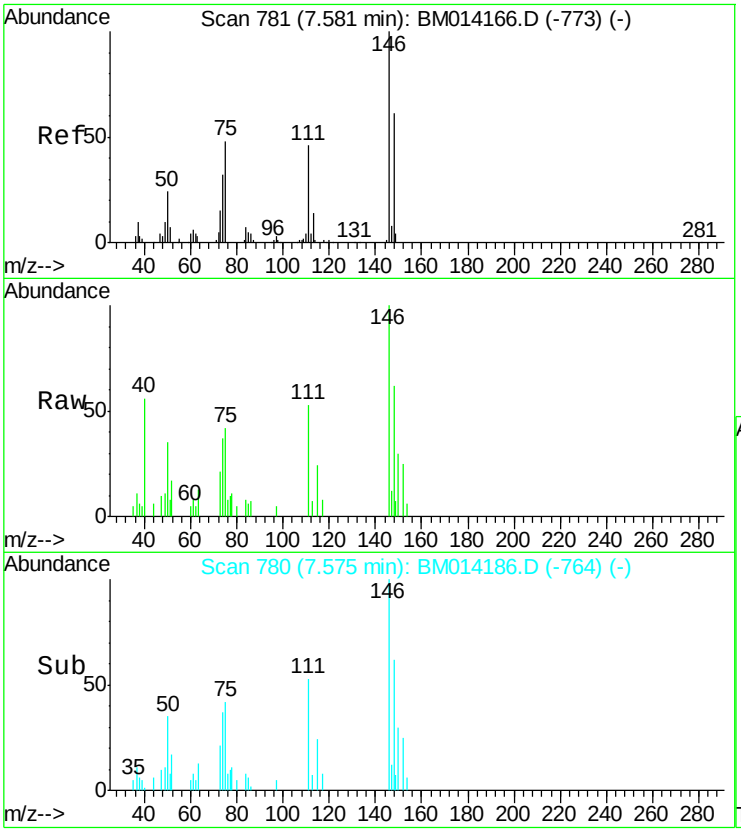


#12
1,3-Dichlorobenzene
Concen: 1.789 ng
RT: 7.43 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:146 Resp: 9698

Ion	Ratio	Lower	Upper
146	100		
148	50.9	50.9	76.3
75	54.4	21.4	32.2#



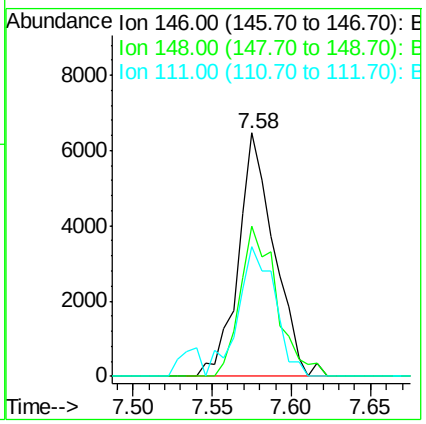


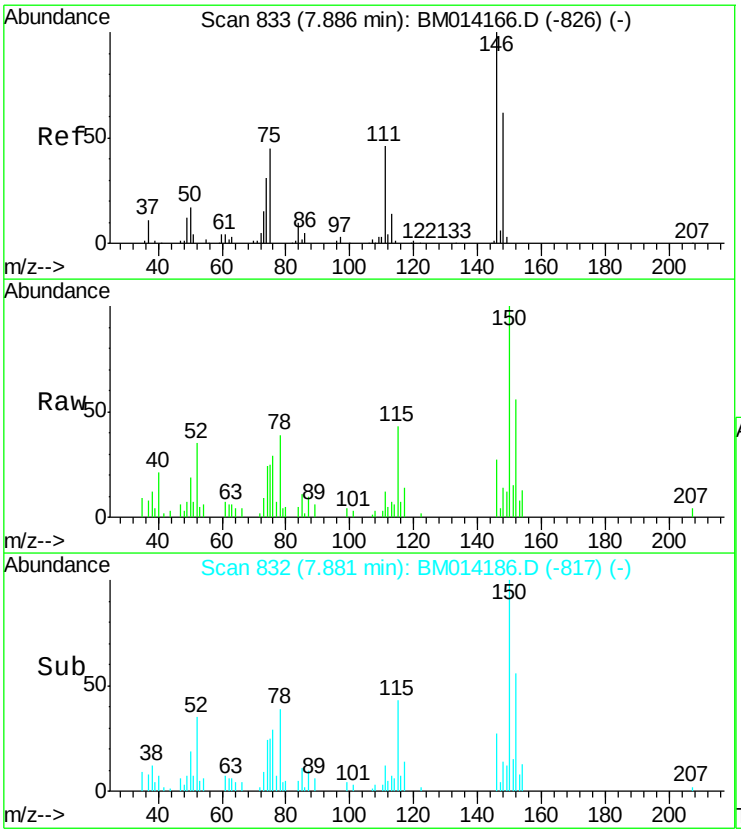
#13
1,4-Dichlorobenzene
Concen: 1.866 ng
RT: 7.58 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:146 Resp: 10163

Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.9	77.9
111	53.5	29.2	43.8#

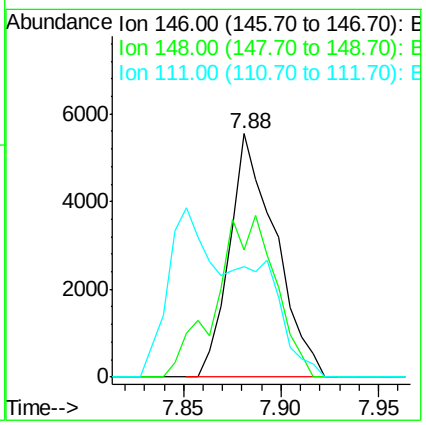


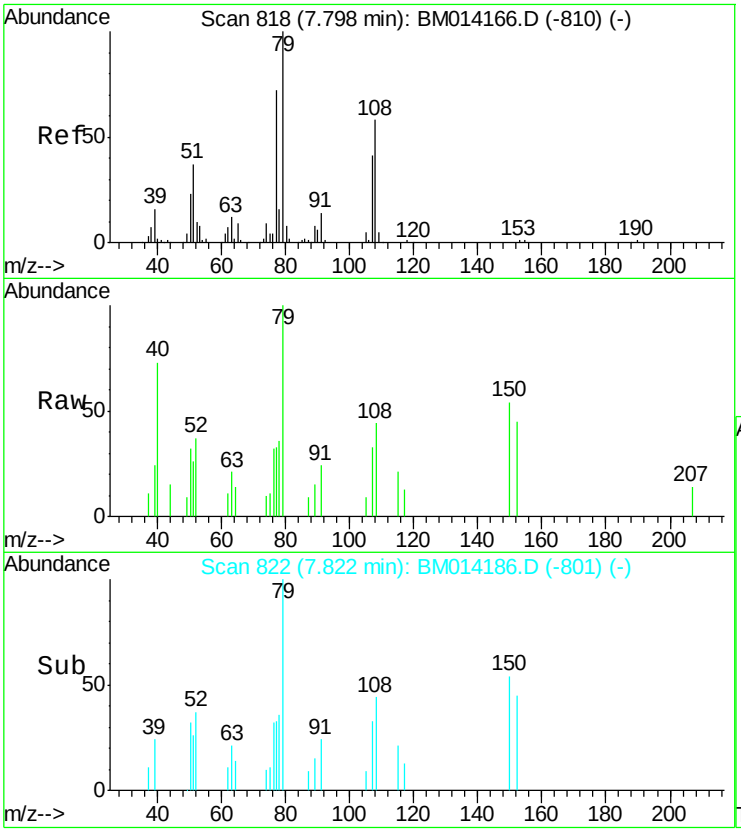


#14
1,2-Dichlorobenzene
Concen: 1.652 ng
RT: 7.88 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:146 Resp: 9051

Ion	Ratio	Lower	Upper
146	100		
148	52.5	52.3	78.5
111	45.4	30.6	45.8



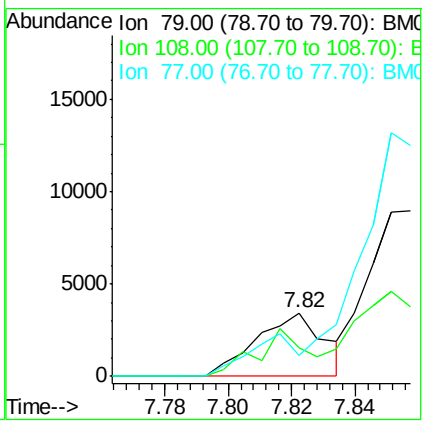


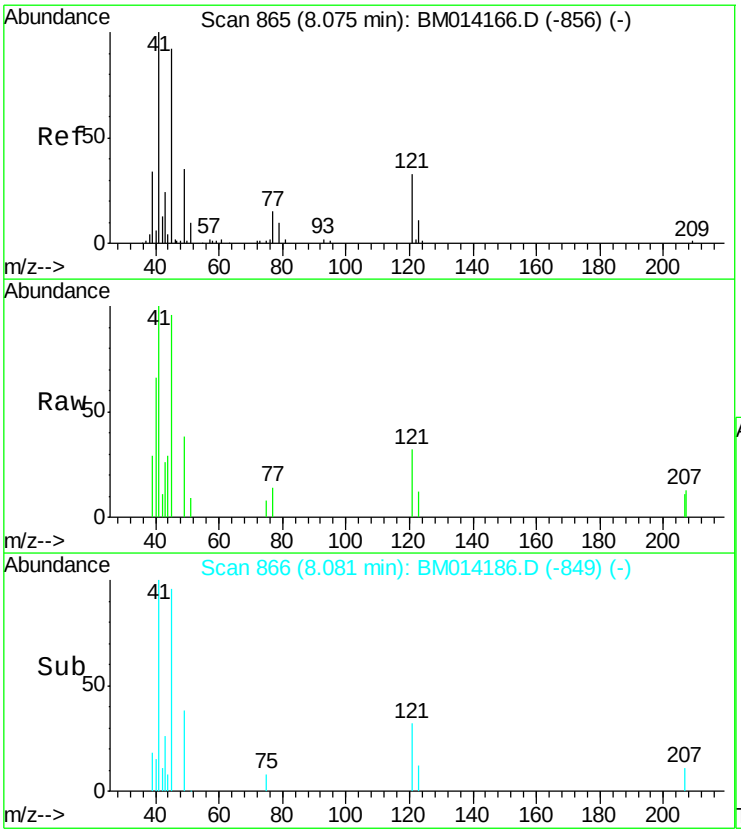
#15
Benzyl Alcohol
Concen: 1.019 ng
RT: 7.82 min Scan# 822
Delta R.T. 0.02 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 5103

Ion	Ratio	Lower	Upper
79	100		
108	44.2	65.0	97.4#
77	33.4	53.0	79.6#

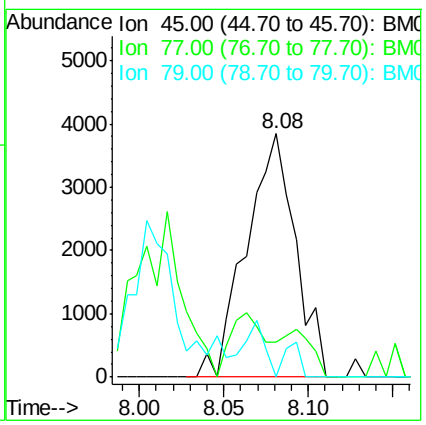


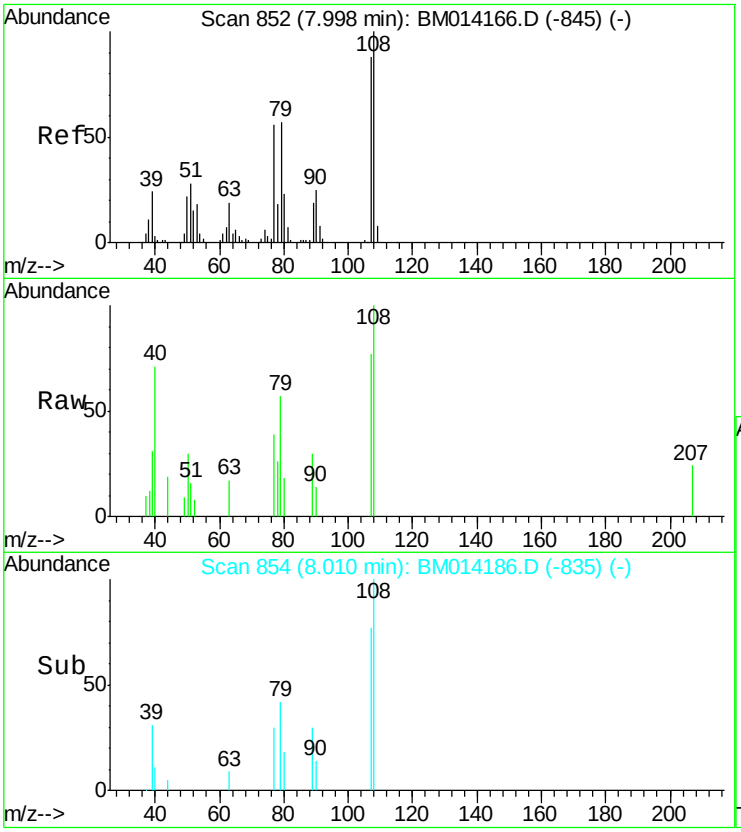


#16
2,2'-oxybis(1-Chloropropane)
Concen: 1.804 ng
RT: 8.08 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion: 45 Resp: 7737

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.2
79	0.0	0.0	32.0



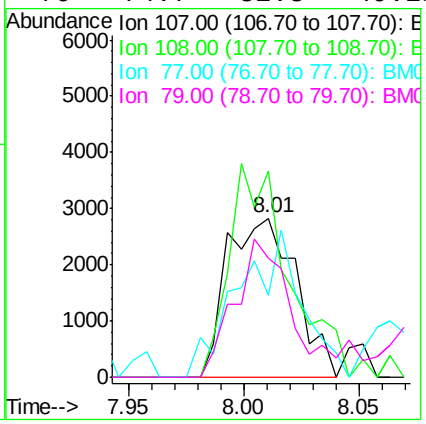


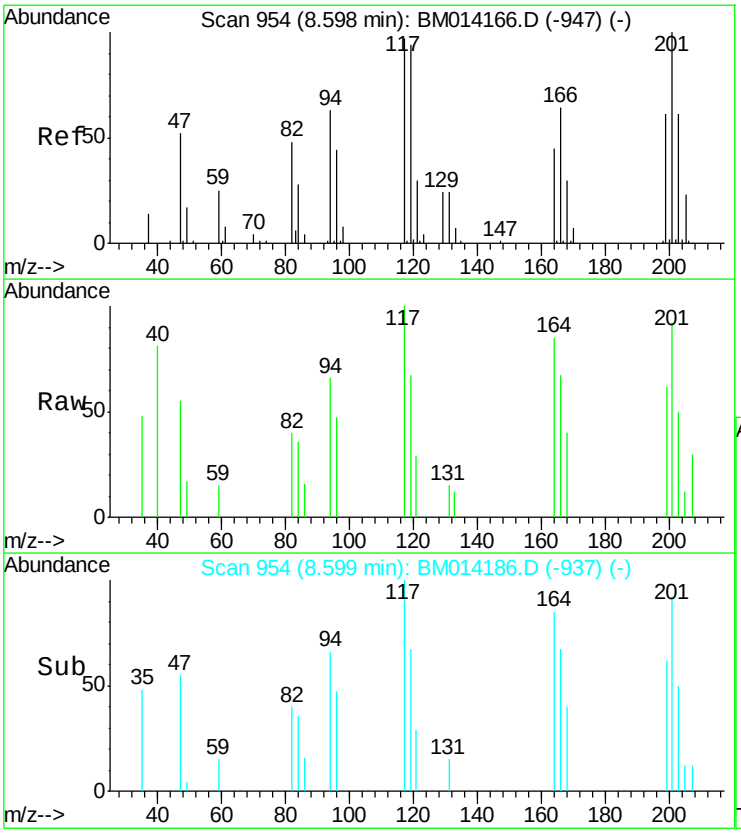
#17
2-Methylphenol
Concen: 1.427 ng
RT: 8.01 min Scan# 854
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 5828

Ion	Ratio	Lower	Upper
107	100		
108	129.9	89.8	134.8
77	51.3	32.6	48.8#
79	74.7	32.8	49.2#

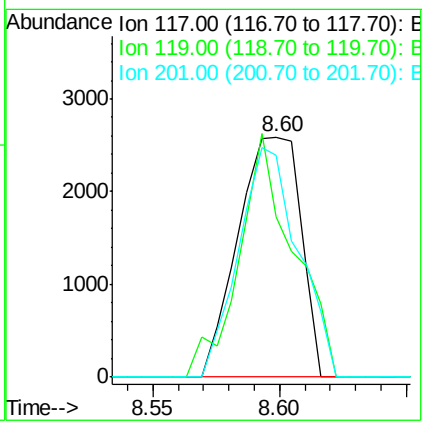


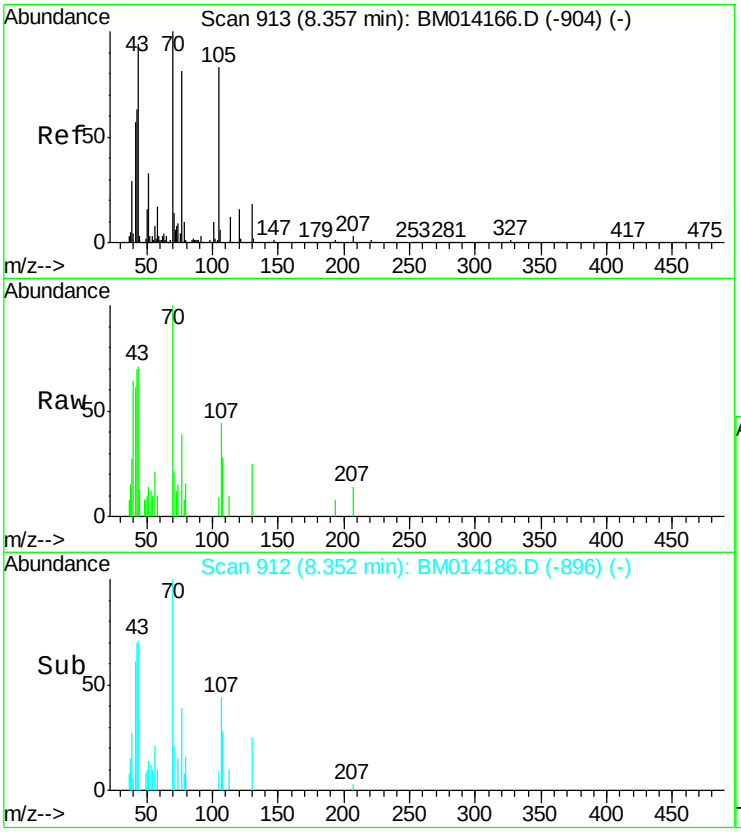


#18
Hexachloroethane
Concen: 1.885 ng
RT: 8.60 min Scan# 954
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:117 Resp: 4436

Ion	Ratio	Lower	Upper
117	100		
119	66.8	79.2	118.8#
201	92.3	69.8	104.6



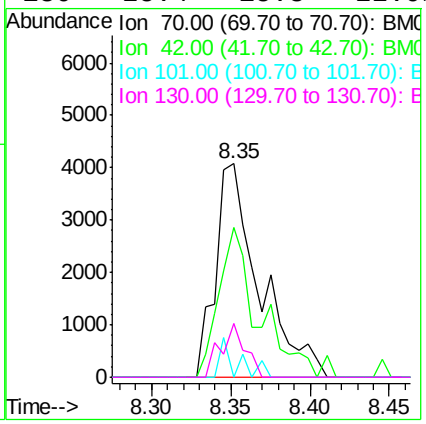


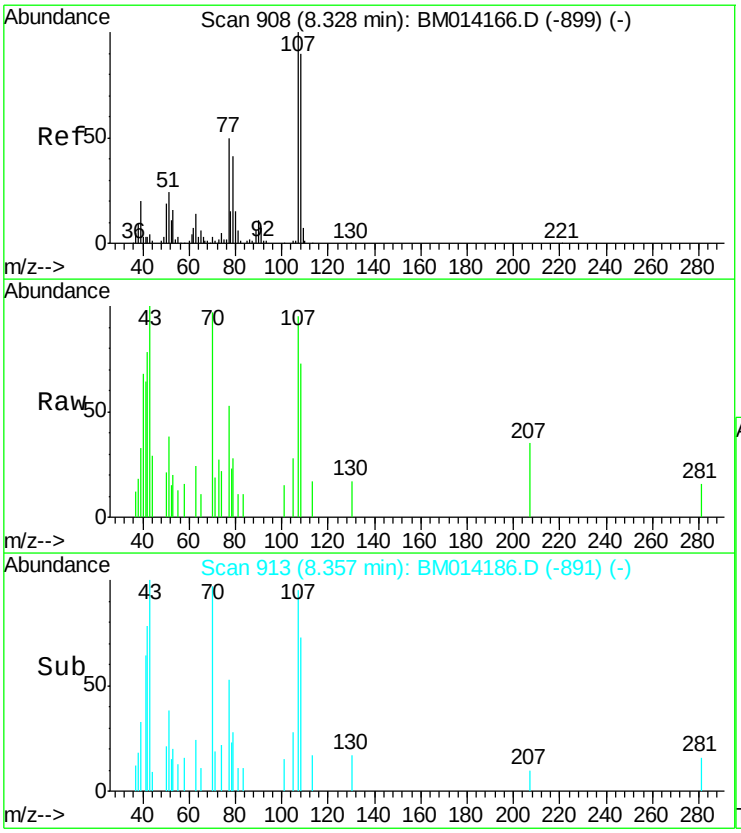
#19
n-Nitroso-di-n-propylamine
Concen: 1.678 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 7811

Ion	Ratio	Lower	Upper
70	100		
42	70.4	44.5	66.7#
101	0.0	7.4	11.2#
130	25.4	15.3	22.9#

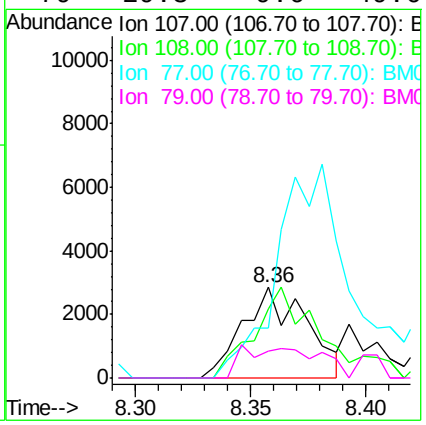


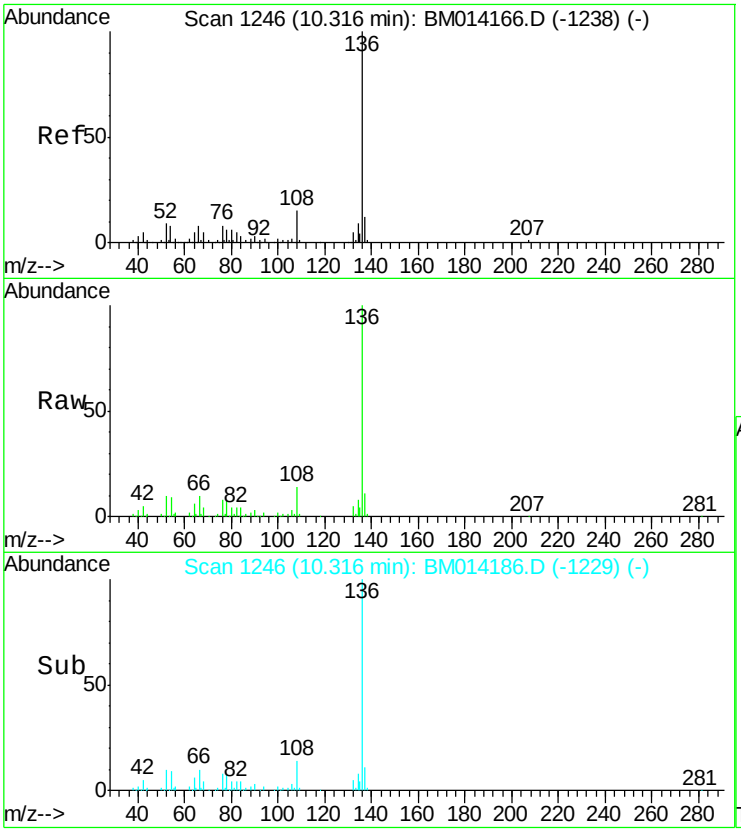


#20
3+4-Methylphenols
Concen: 0.915 ng
RT: 8.36 min Scan# 913
Delta R.T. 0.03 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:107 Resp: 5408

Ion	Ratio	Lower	Upper
107	100		
108	76.5	73.2	113.2
77	55.3	10.7	50.7#
79	29.3	9.6	49.6



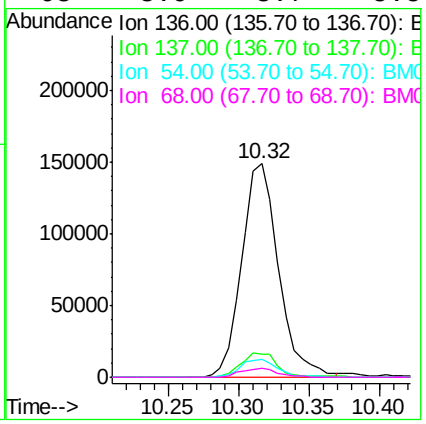


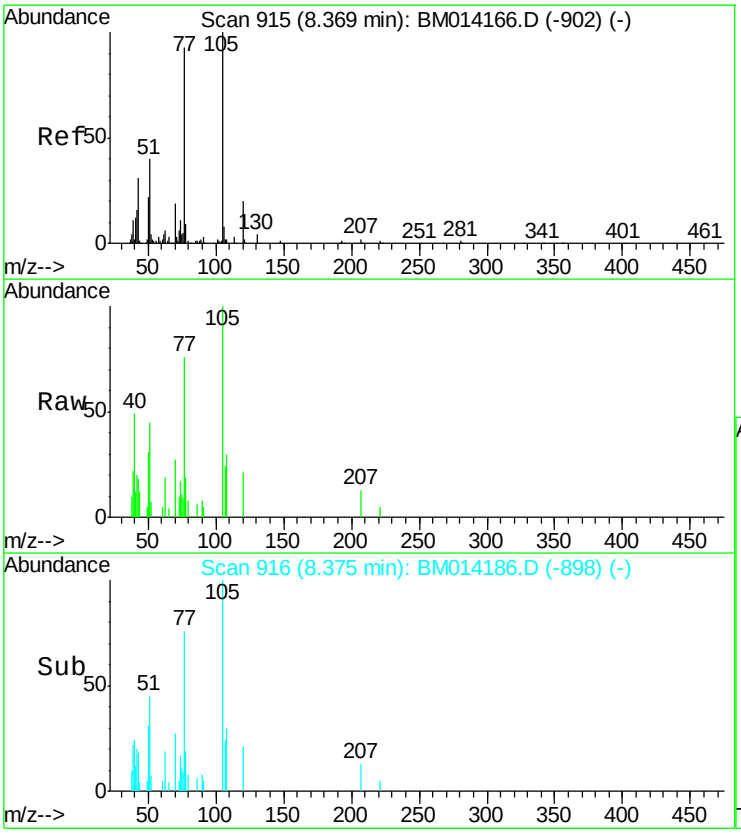
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 273604

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.6	4.6	6.8#
68	3.9	3.7	5.5

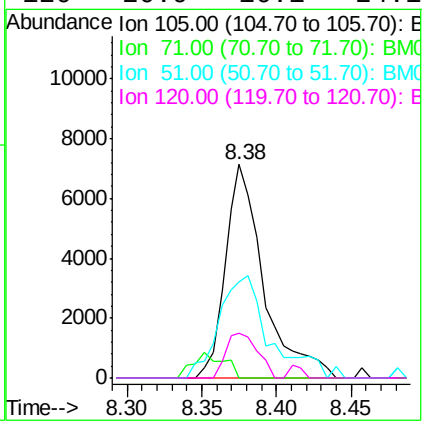


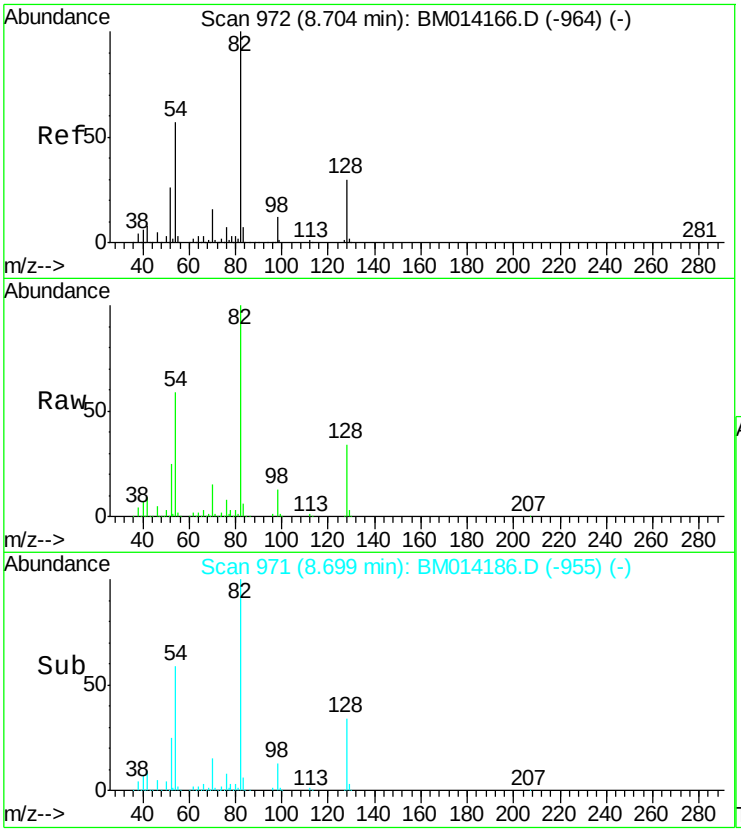


#22
Acetophenone
Concen: 1.626 ng
RT: 8.38 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:105 Resp: 12793

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	45.2	21.6	32.4#
120	20.9	16.1	24.1



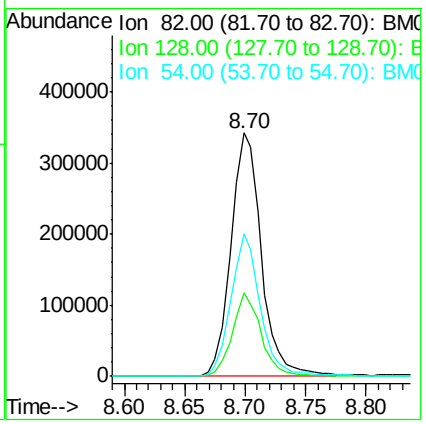


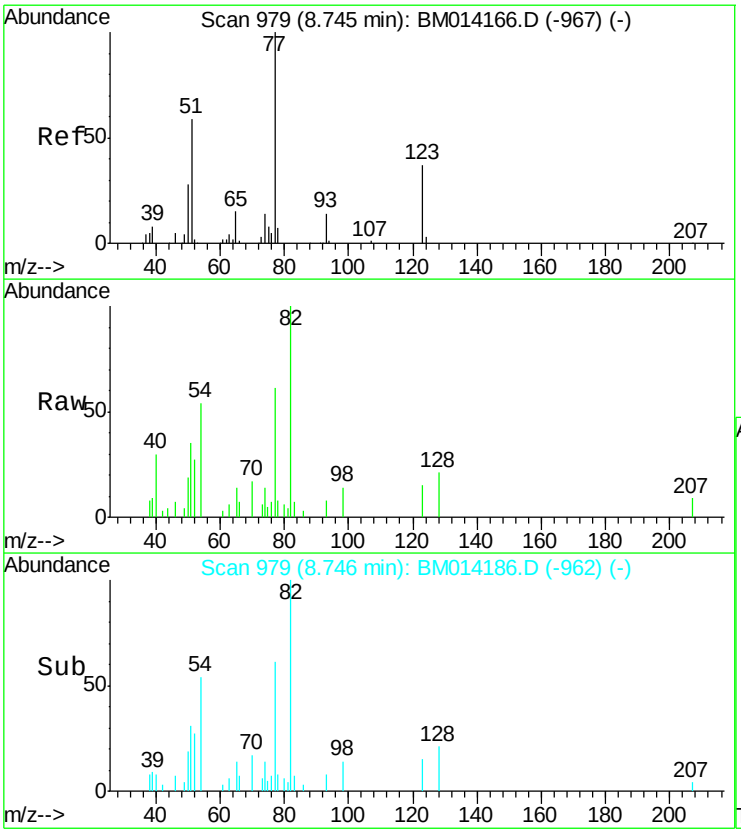
#23
Nitrobenzene-d5
Concen: 98.418 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 602844

Ion	Ratio	Lower	Upper
82	100		
128	34.4	32.8	49.2
54	58.5	40.6	60.8

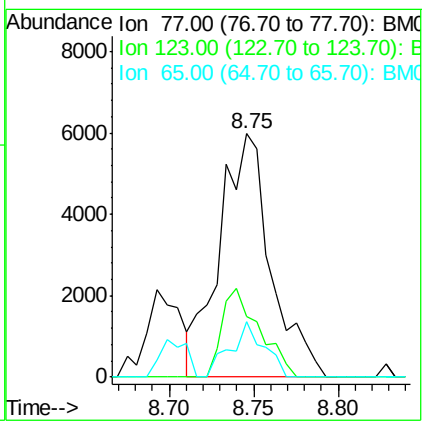


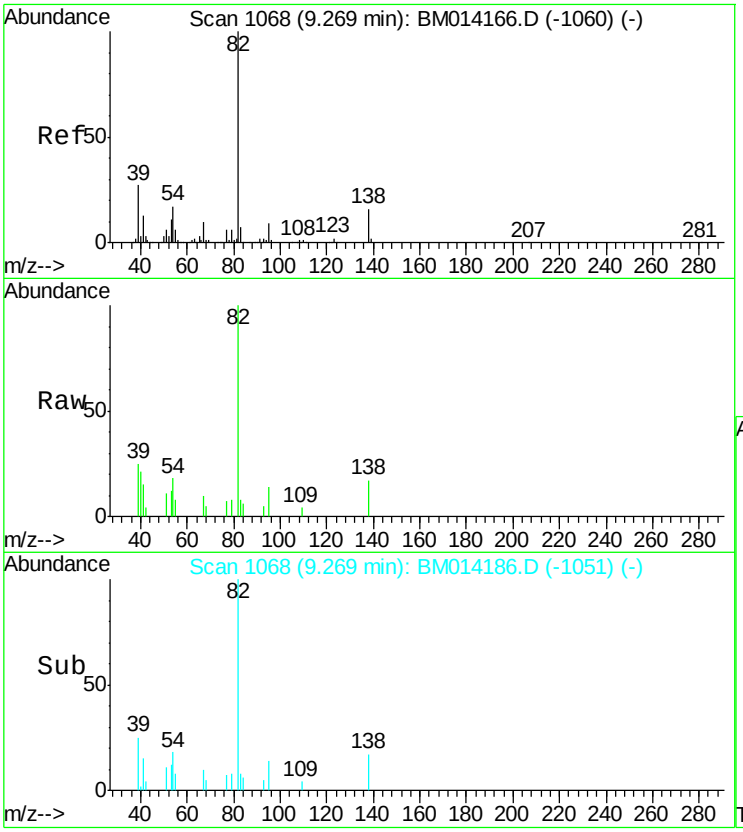


#24
Nitrobenzene
Concen: 2.003 ng
RT: 8.75 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion: 77 Resp: 12633

Ion	Ratio	Lower	Upper
77	100		
123	24.7	32.6	49.0#
65	23.0	10.9	16.3#



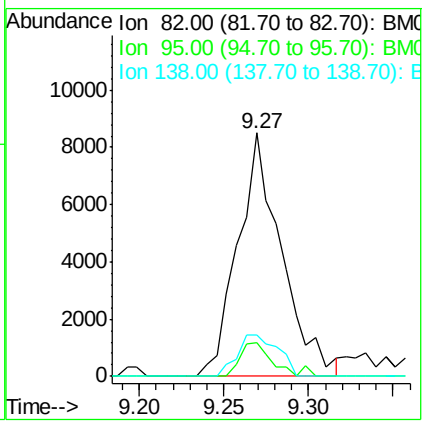


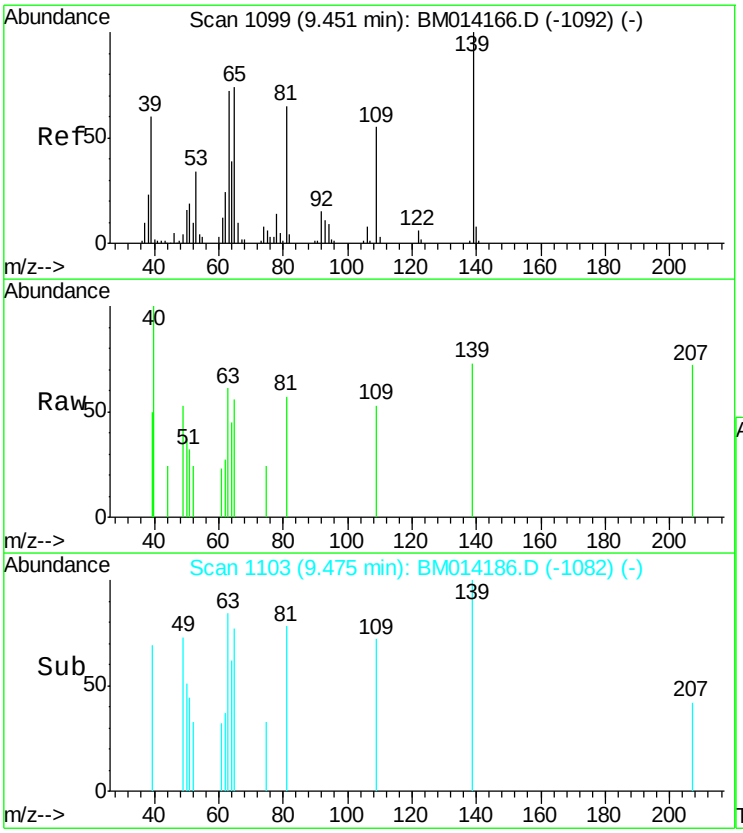
#25
Isophorone
Concen: 1.506 ng
RT: 9.27 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 15285

Ion	Ratio	Lower	Upper
82	100		
95	13.6	5.8	8.6#
138	16.8	16.3	24.5

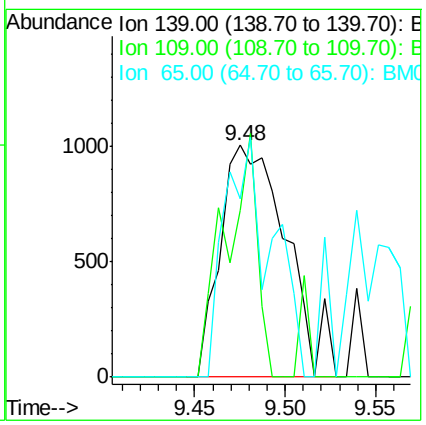


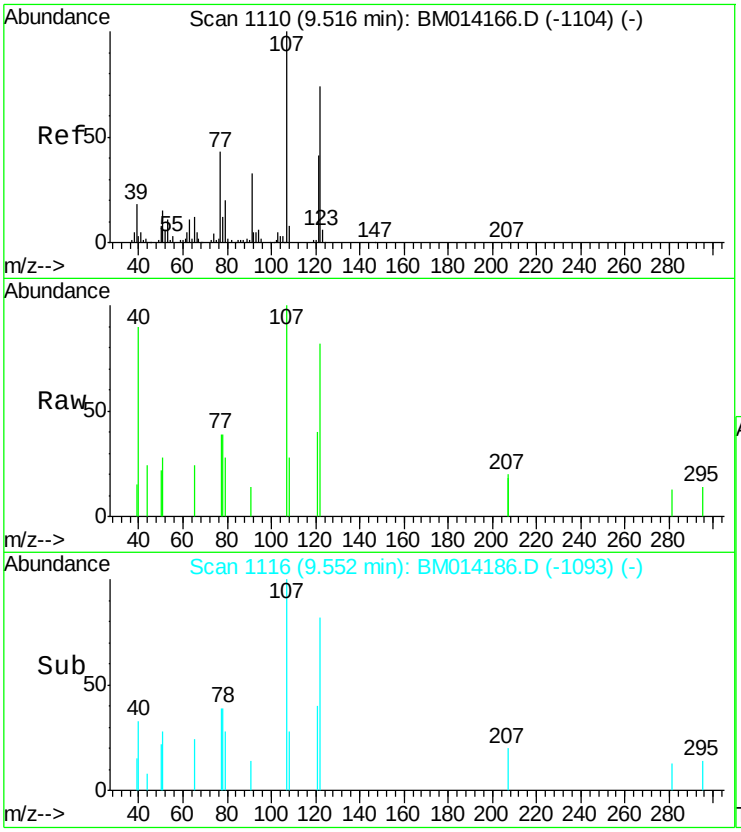


#26
2-Nitrophenol
Concen: 1.071 ng
RT: 9.48 min Scan# 1103
Delta R.T. 0.02 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:139 Resp: 2547

Ion	Ratio	Lower	Upper
139	100		
109	72.0	20.1	30.1#
65	76.8	31.5	47.3#



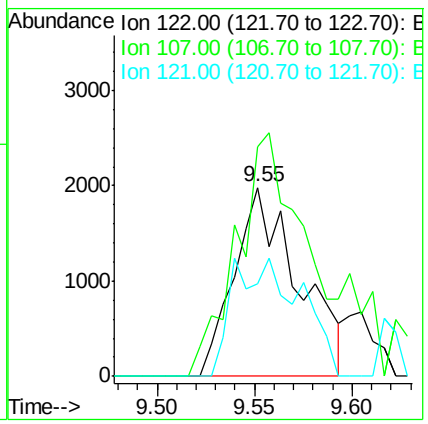


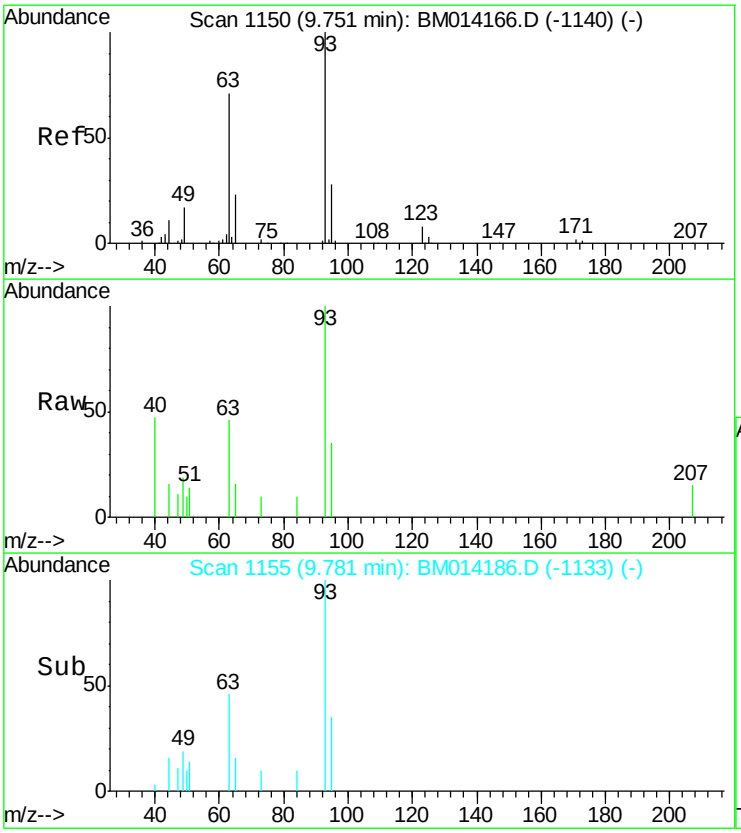
#27
2,4-Dimethylphenol
Concen: 1.246 ng
RT: 9.55 min Scan# 1116
Delta R.T. 0.04 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 4517

Ion	Ratio	Lower	Upper
122	100		
107	121.7	84.7	127.1
121	49.2	46.6	69.8

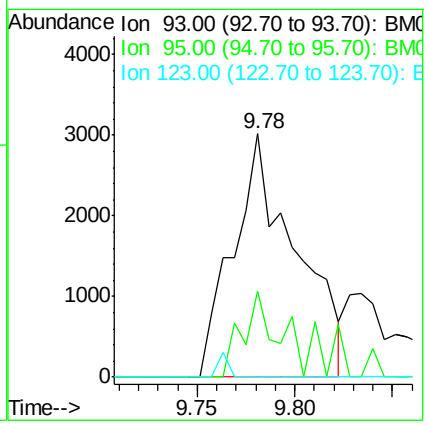


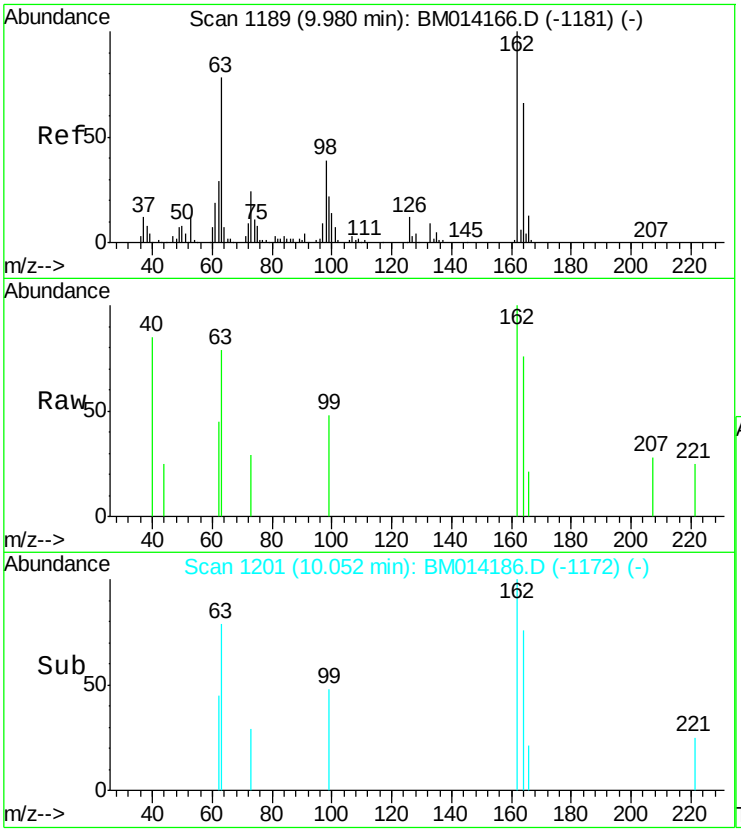


#28
bis(2-Chloroethoxy)methane
Concen: 1.287 ng
RT: 9.78 min Scan# 1155
Delta R.T. 0.03 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion: 93 Resp: 6697

Ion	Ratio	Lower	Upper
93	100		
95	35.3	25.5	38.3
123	0.0	8.6	13.0#



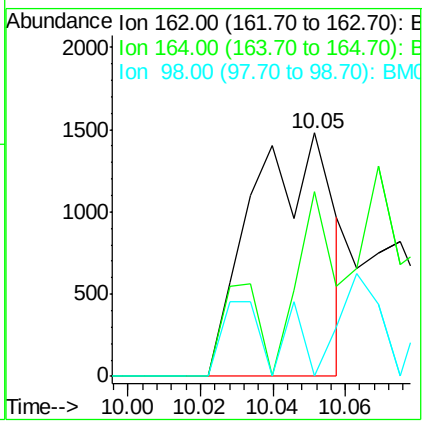


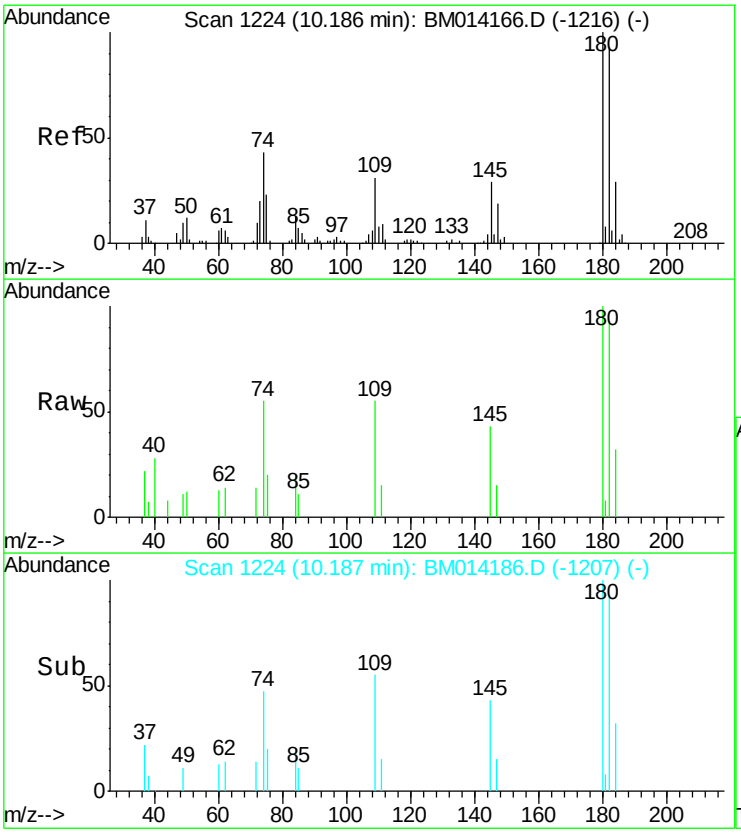
#29
2,4-Dichlorophenol
Concen: 0.565 ng
RT: 10.05 min Scan# 1201
Delta R.T. 0.07 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 2290

Ion	Ratio	Lower	Upper
162	100		
164	75.8	42.8	82.8
98	0.0	14.5	54.5#

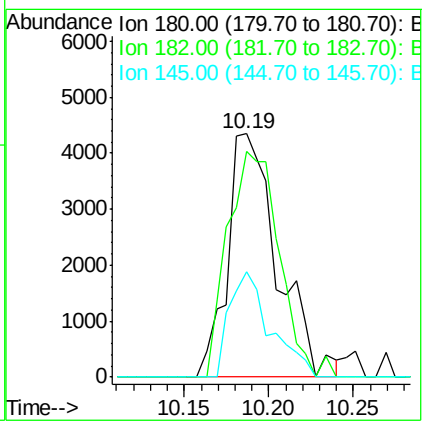


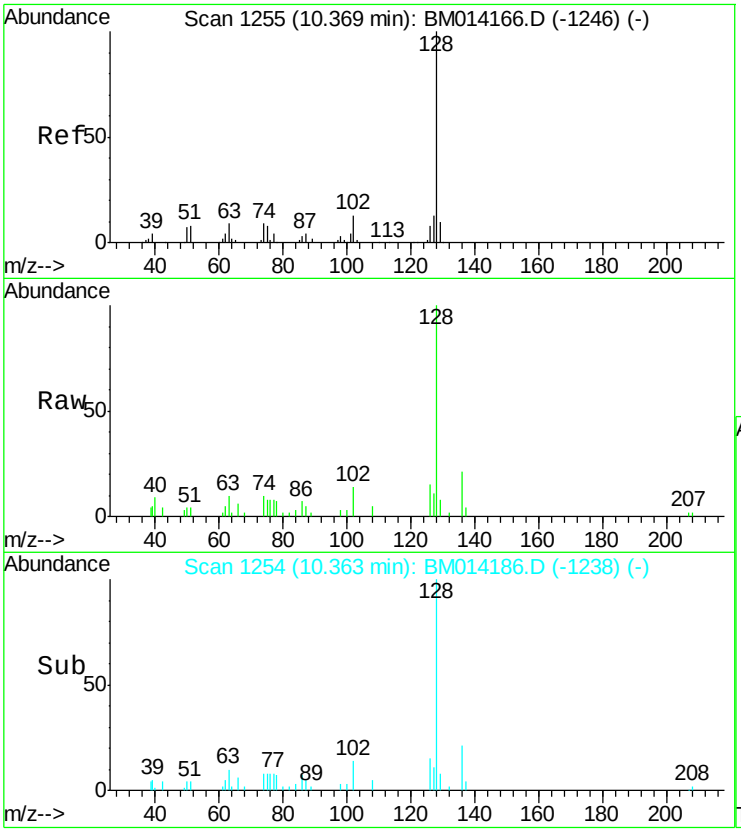


#30
1,2,4-Trichlorobenzene
Concen: 1.684 ng
RT: 10.19 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:180 Resp: 8994

Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.6	116.4
145	43.3	23.4	35.2#



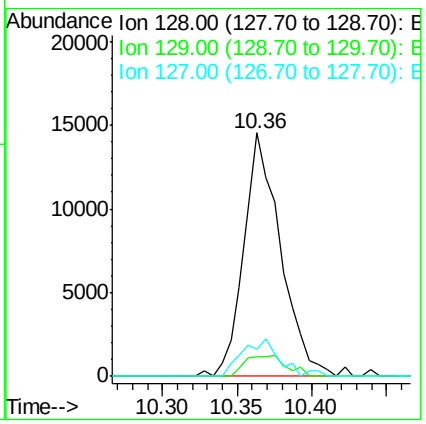


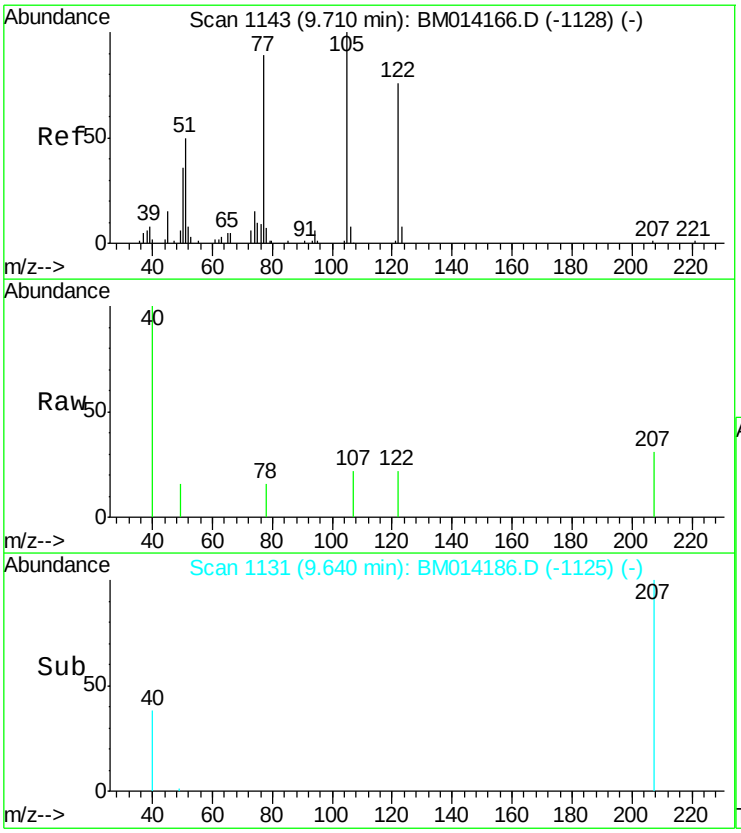
#31
Naphthalene
Concen: 1.650 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 24726

Ion	Ratio	Lower	Upper
128	100		
129	8.3	8.9	13.3#
127	11.5	10.4	15.6

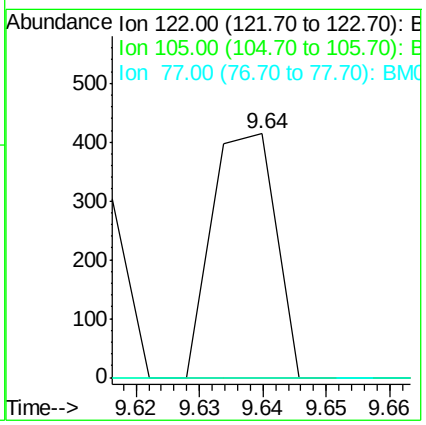


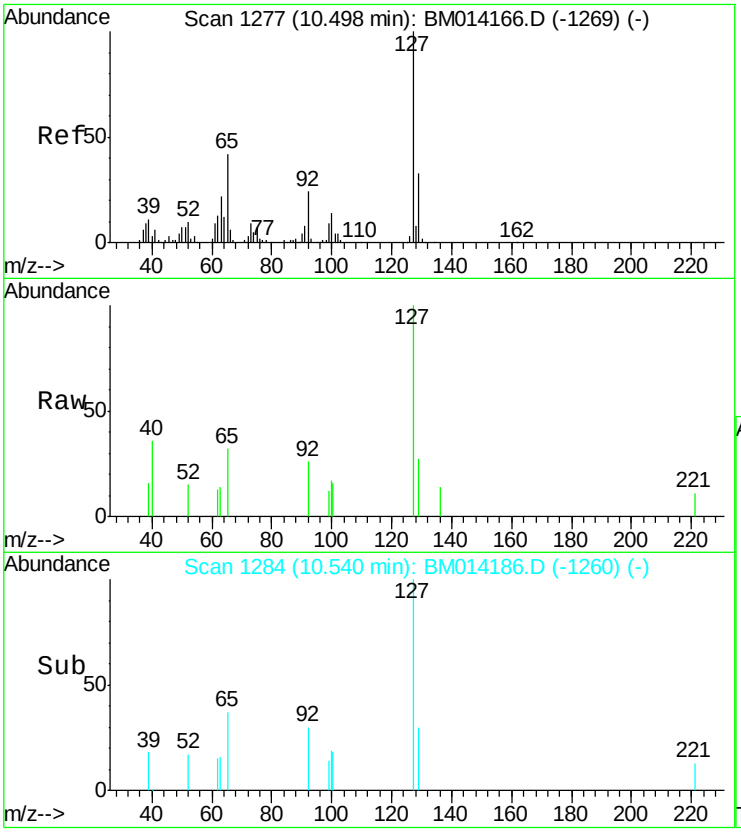


#32
Benzoic acid
Concen: 6.265 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.06 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:122 Resp: 286

Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.9	139.9#
77	0.0	73.7	113.7#



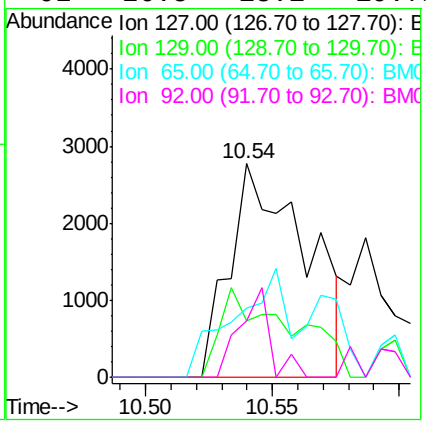


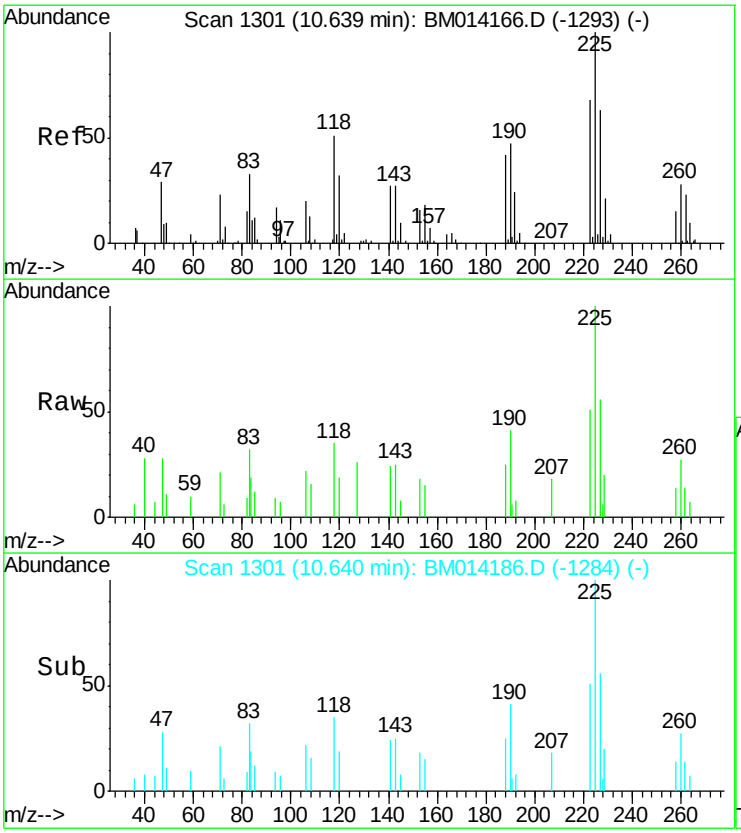
#33
4-Chloroaniline
Concen: 0.931 ng
RT: 10.54 min Scan# 1284
Delta R.T. 0.04 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 5796

Ion	Ratio	Lower	Upper
127	100		
129	26.6	25.3	37.9
65	32.3	17.6	26.4#
92	26.5	13.1	19.7#

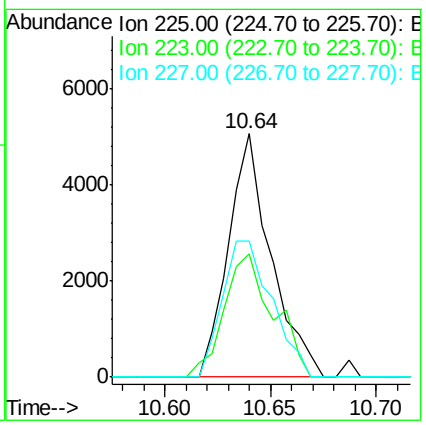


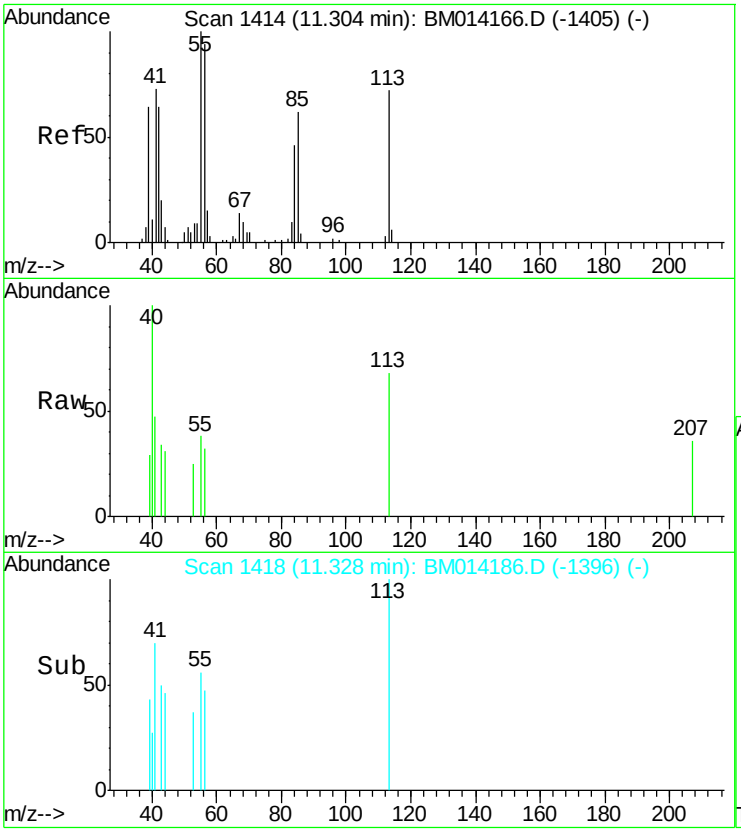


#34
Hexachlorobutadiene
Concen: 1.924 ng
RT: 10.64 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:225 Resp: 7051

Ion	Ratio	Lower	Upper
225	100		
223	50.8	47.9	71.9
227	56.0	50.1	75.1



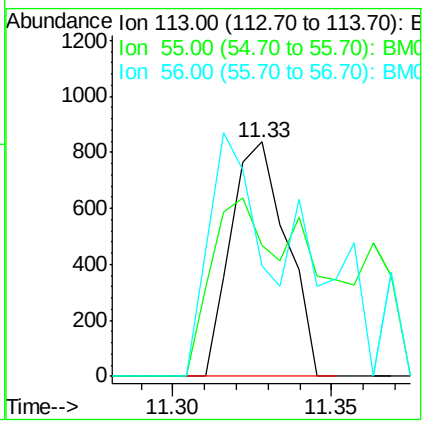


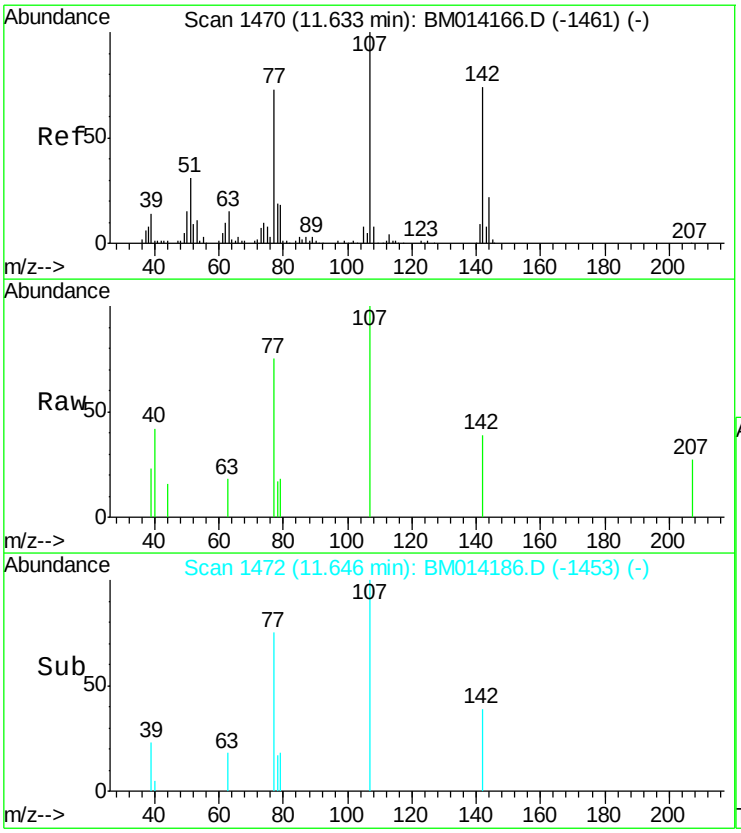
#35
Caprolactam
Concen: 0.700 ng
RT: 11.33 min Scan# 1418
Delta R.T. 0.03 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 1015

Ion	Ratio	Lower	Upper
113	100		
55	55.7	145.9	185.9#
56	47.0	101.0	141.0#

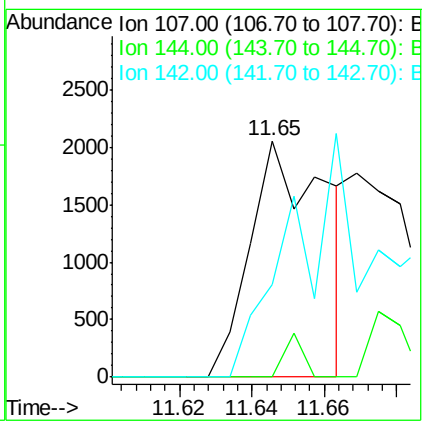


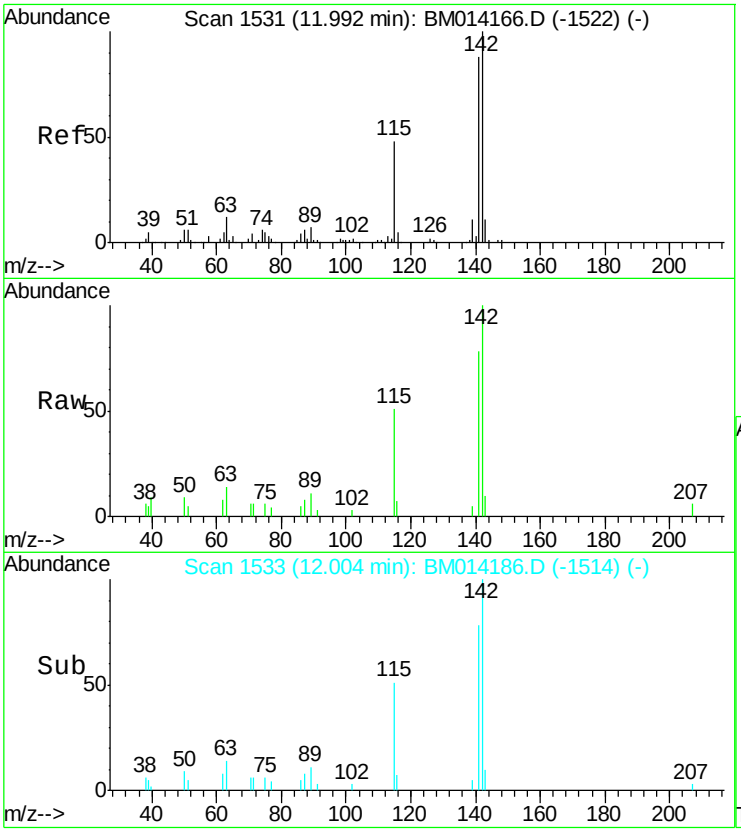


#36
4-Chloro-3-methylphenol
Concen: 0.596 ng
RT: 11.65 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:107 Resp: 2994

Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.3	34.9#
142	39.1	72.6	109.0#



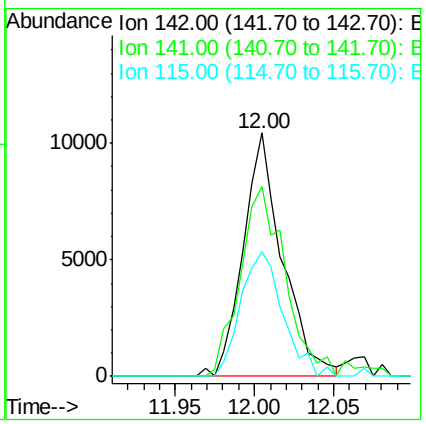


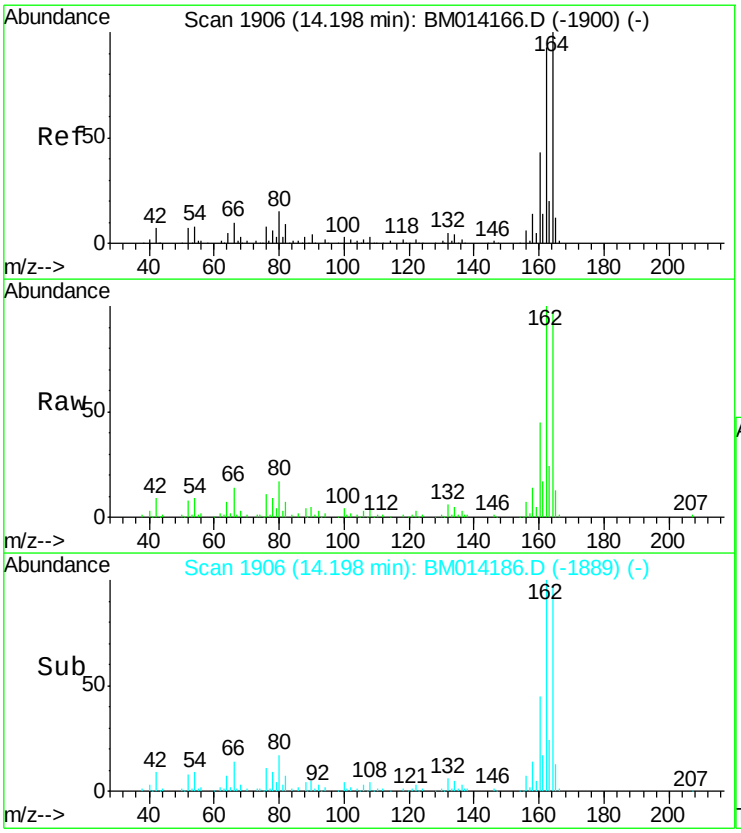
#37
2-Methylnaphthalene
Concen: 1.591 ng
RT: 12.00 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 17945

Ion	Ratio	Lower	Upper
142	100		
141	78.0	71.9	107.9
115	51.2	25.4	38.0#

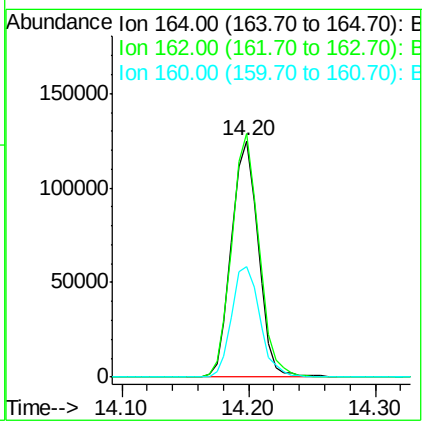


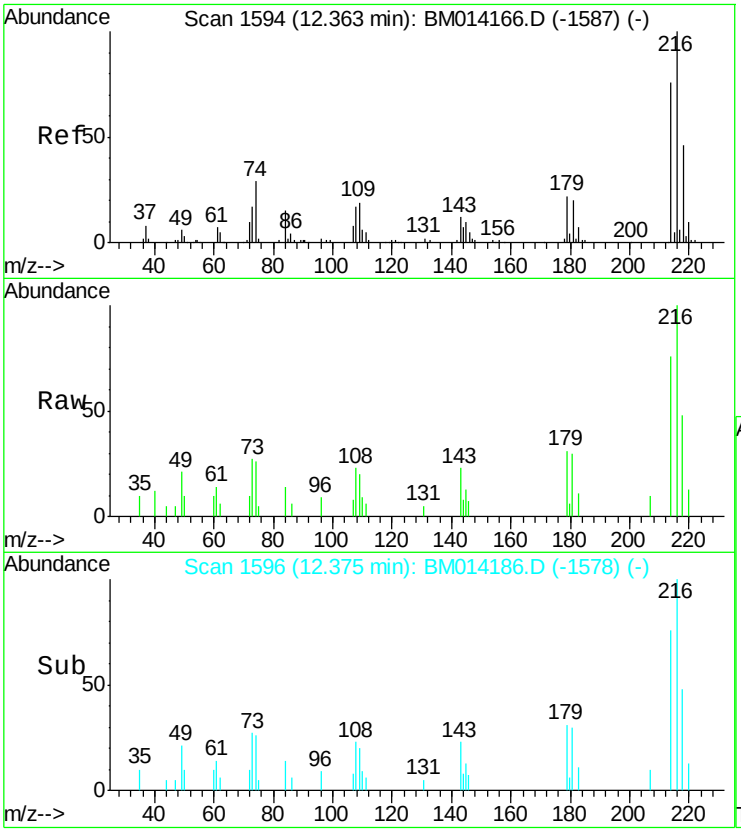


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:164 Resp: 183182

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	46.7	35.8	53.6



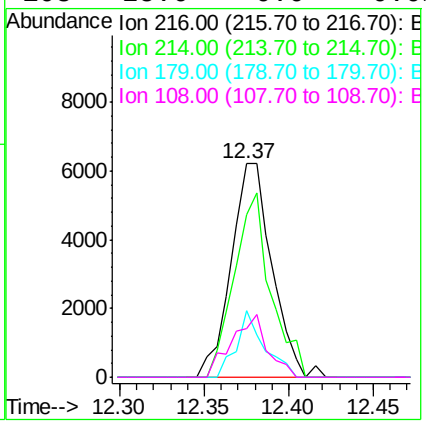


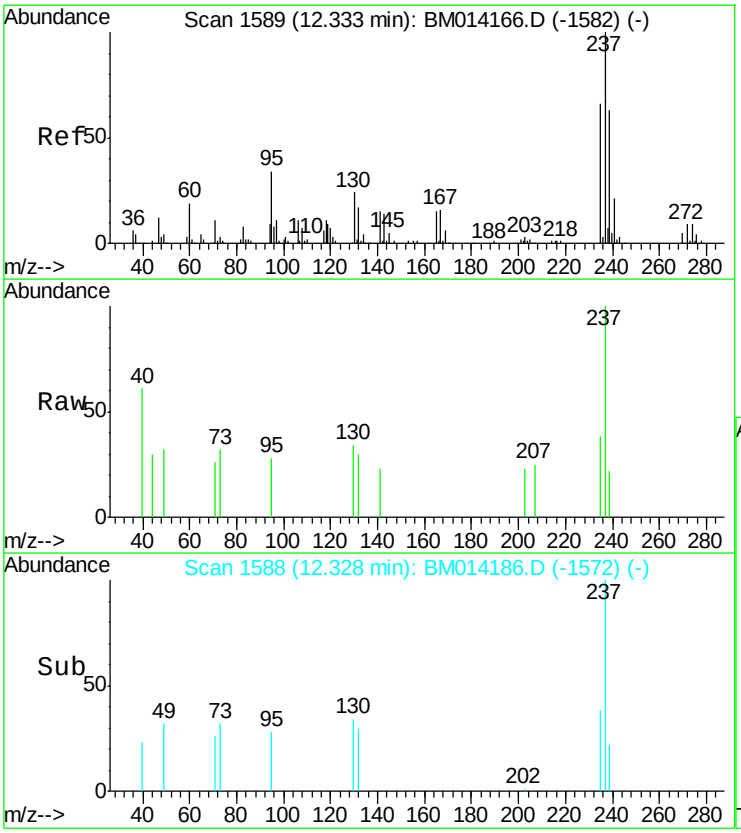
#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.631 ng
RT: 12.37 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 10471

Ion	Ratio	Lower	Upper
216	100		
214	77.0	0.0	0.0#
179	21.0	0.0	0.0#
108	25.6	0.0	0.0#

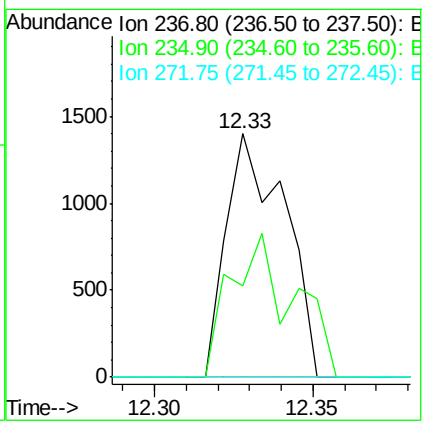


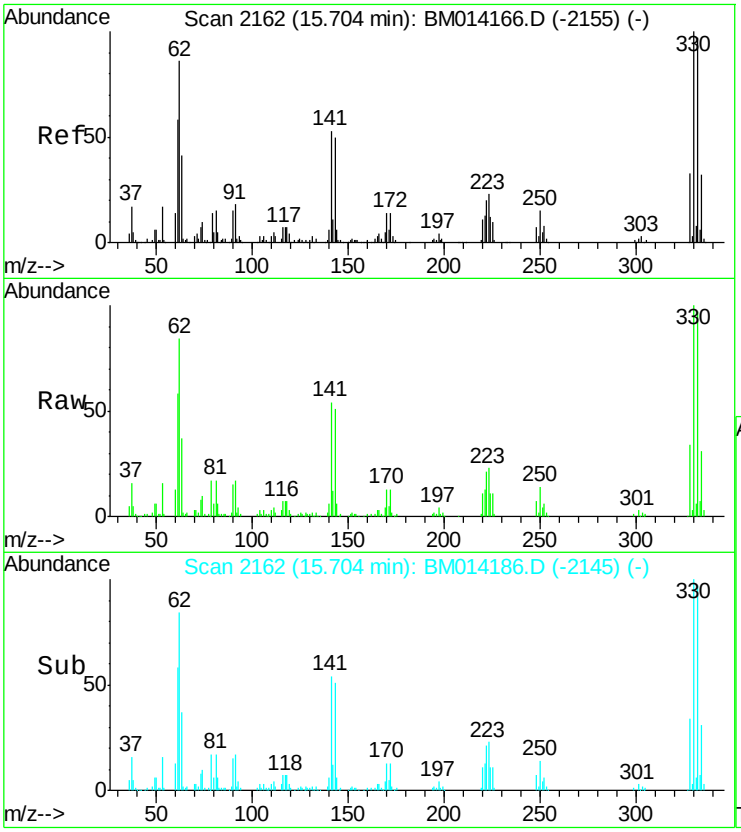


#40
Hexachlorocyclopentadiene
Concen: 6.608 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:237 Resp: 1782

Ion	Ratio	Lower	Upper
237	100		
235	37.7	42.0	82.0#
272	0.0	0.0	33.4



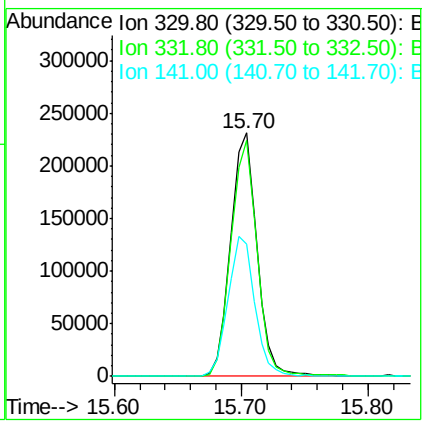


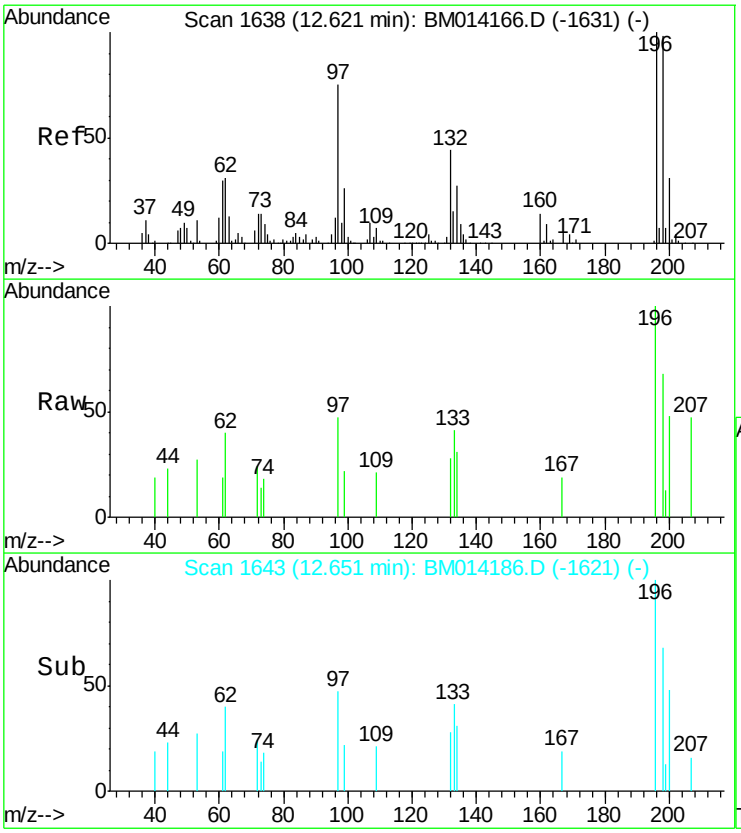
#41
2,4,6-Tribromophenol
Concen: 127.770 ng
RT: 15.70 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 332113

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	58.4	0.0	0.0#

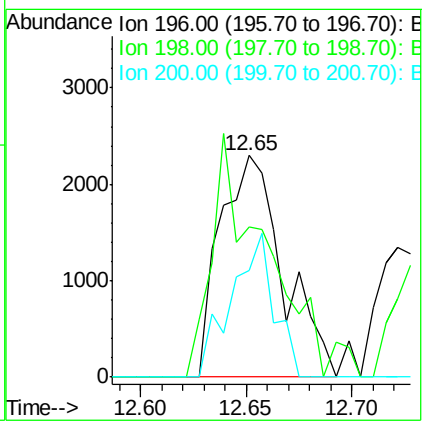


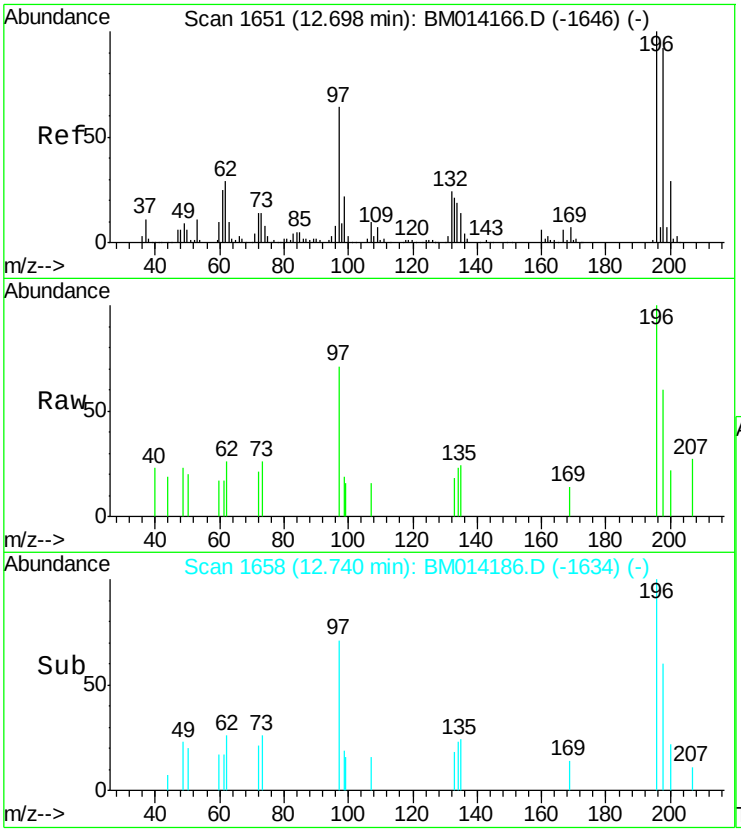


#42
2,4,6-Trichlorophenol
Concen: 1.271 ng
RT: 12.65 min Scan# 1643
Delta R.T. 0.03 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:196 Resp: 4792

Ion	Ratio	Lower	Upper
196	100		
198	67.5	76.3	114.5#
200	48.2	25.6	38.4#



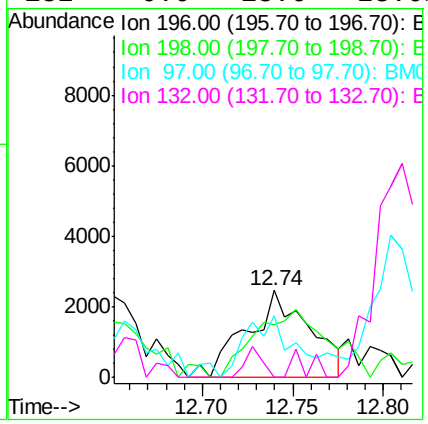


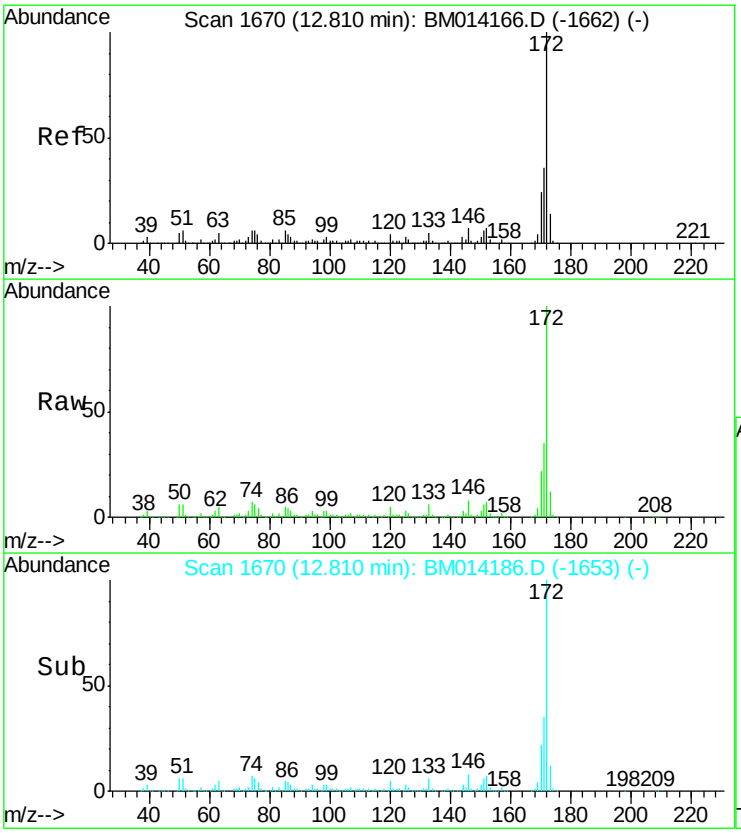
#43
2,4,5-Trichlorophenol
Concen: 1.429 ng
RT: 12.74 min Scan# 1658
Delta R.T. 0.04 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 5951

Ion	Ratio	Lower	Upper
196	100		
198	59.7	79.4	119.0#
97	70.6	26.8	40.2#
132	0.0	18.6	28.0#

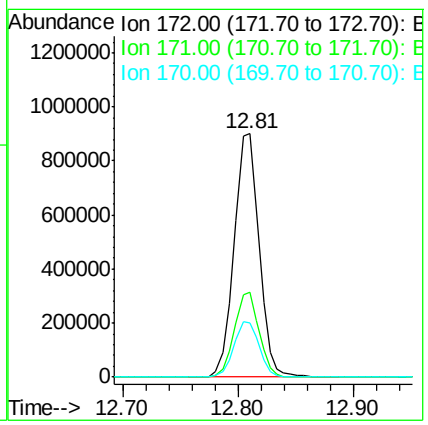


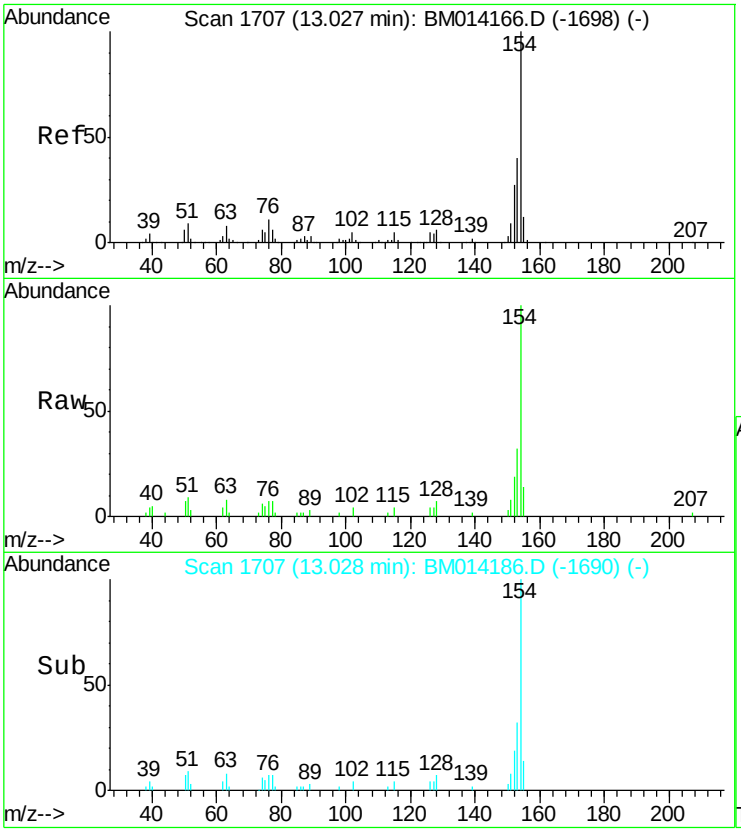


#44
2-Fluorobiphenyl
Concen: 92.128 ng
RT: 12.81 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:172 Resp: 1351918

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.2	18.8	28.2



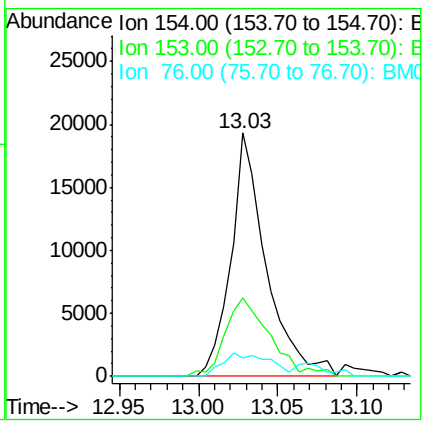


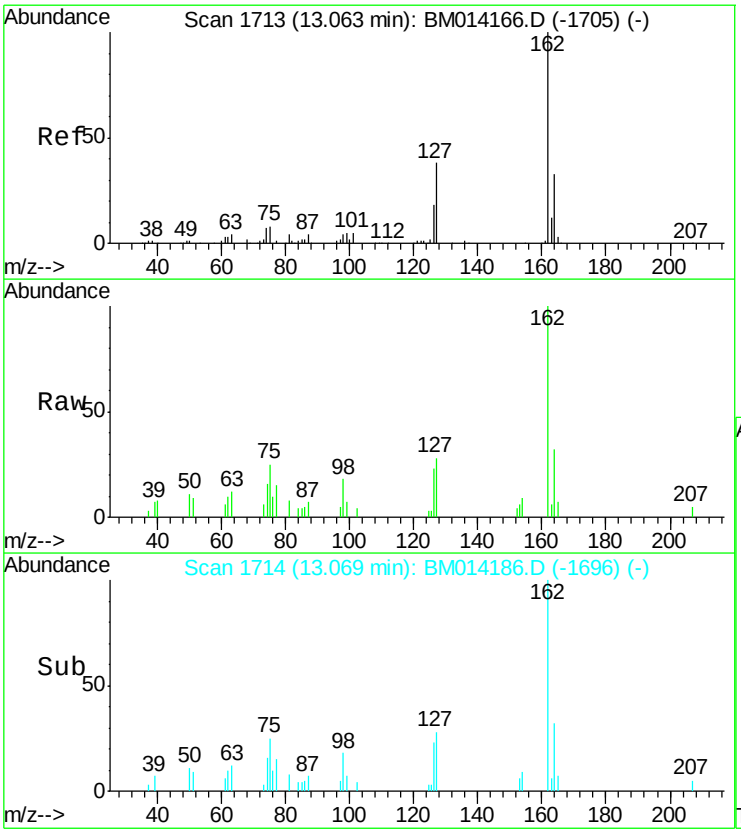
#45
1,1'-Biphenyl
Concen: 1.877 ng
RT: 13.03 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 29785

Ion	Ratio	Lower	Upper
154	100		
153	32.1	20.7	60.7
76	7.4	0.0	30.9

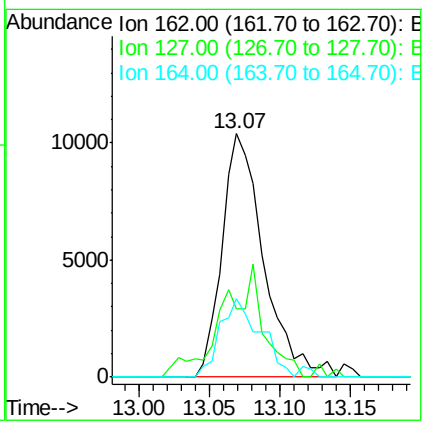


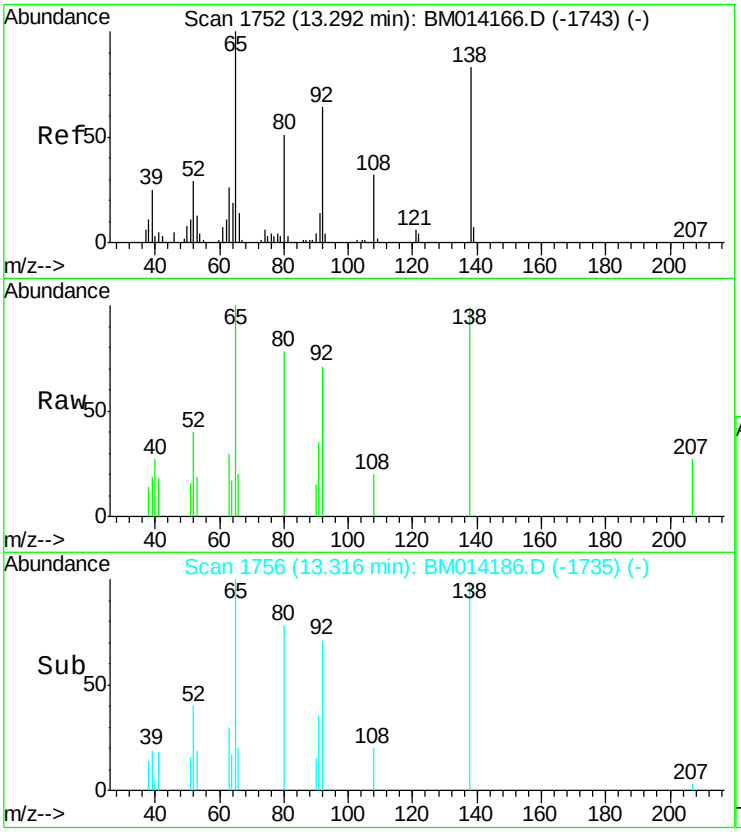


#46
2-Chloronaphthalene
Concen: 1.777 ng
RT: 13.07 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:162 Resp: 21400

Ion	Ratio	Lower	Upper
162	100		
127	28.2	26.9	40.3
164	32.4	26.8	40.2



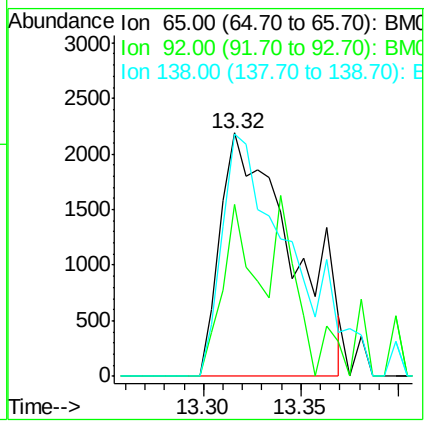


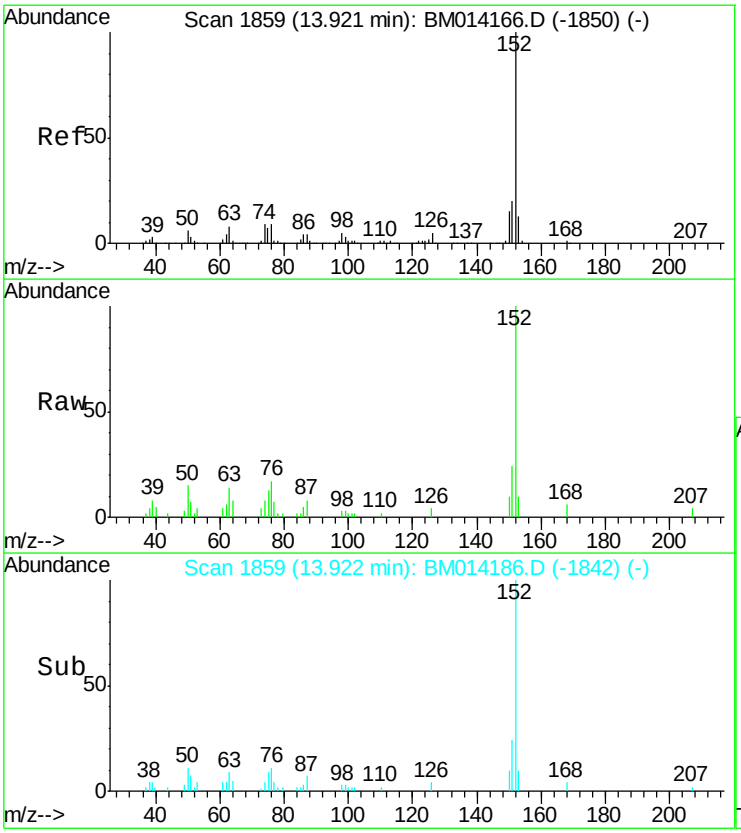
#47
2-Nitroaniline
Concen: 1.261 ng
RT: 13.32 min Scan# 1756
Delta R.T. 0.02 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 5590

Ion	Ratio	Lower	Upper
65	100		
92	70.6	59.1	88.7
138	99.4	93.9	140.9

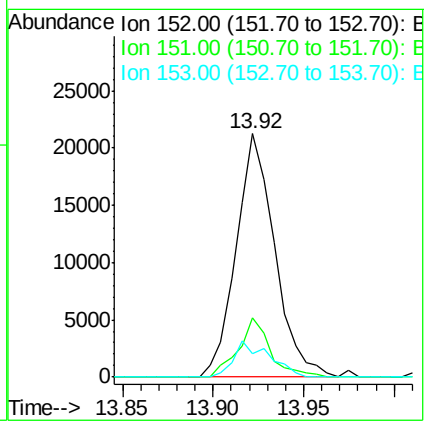


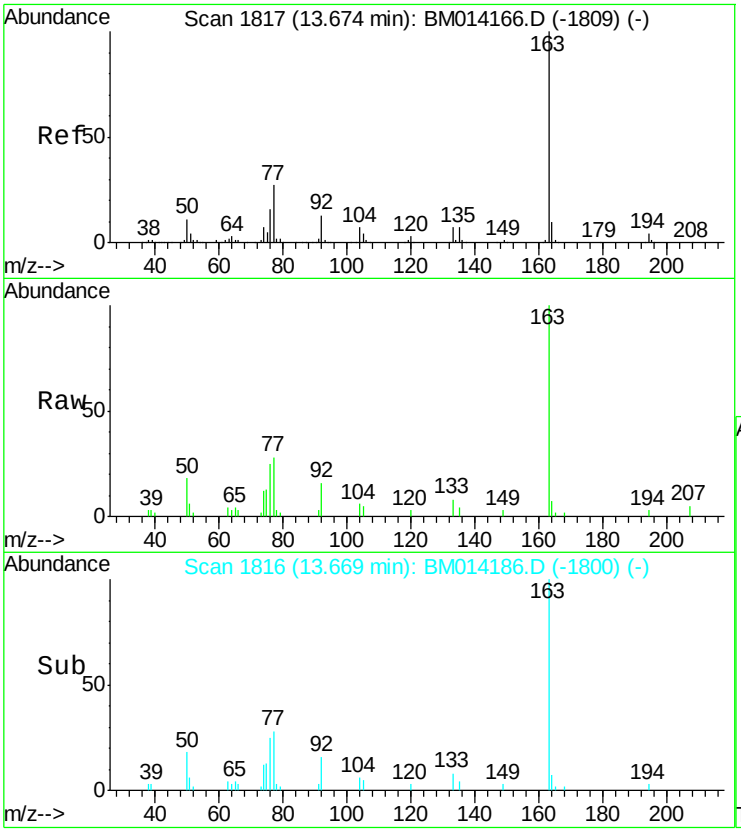


#48
Acenaphthylene
Concen: 1.592 ng
RT: 13.92 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:152 Resp: 31447

Ion	Ratio	Lower	Upper
152	100		
151	24.1	15.9	23.9#
153	9.7	10.6	16.0#



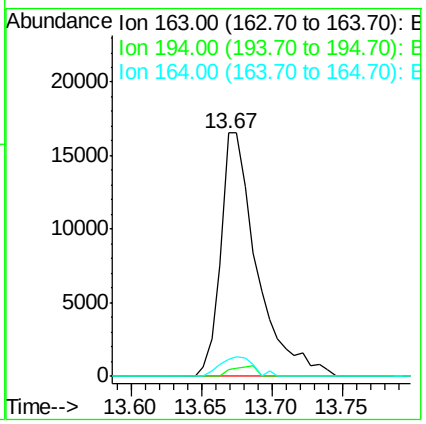


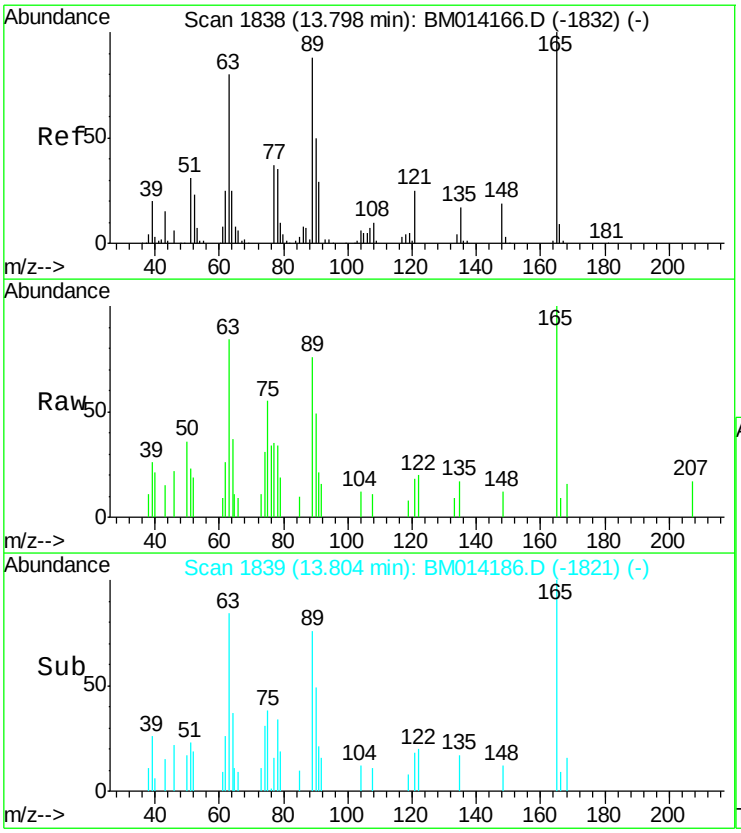
#49
Dimethylphthalate
Concen: 1.810 ng
RT: 13.67 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 29689

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	6.9	8.2	12.2#

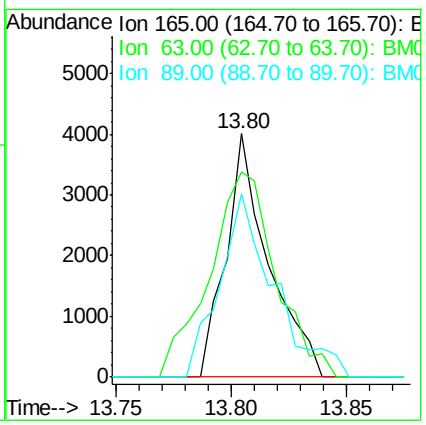


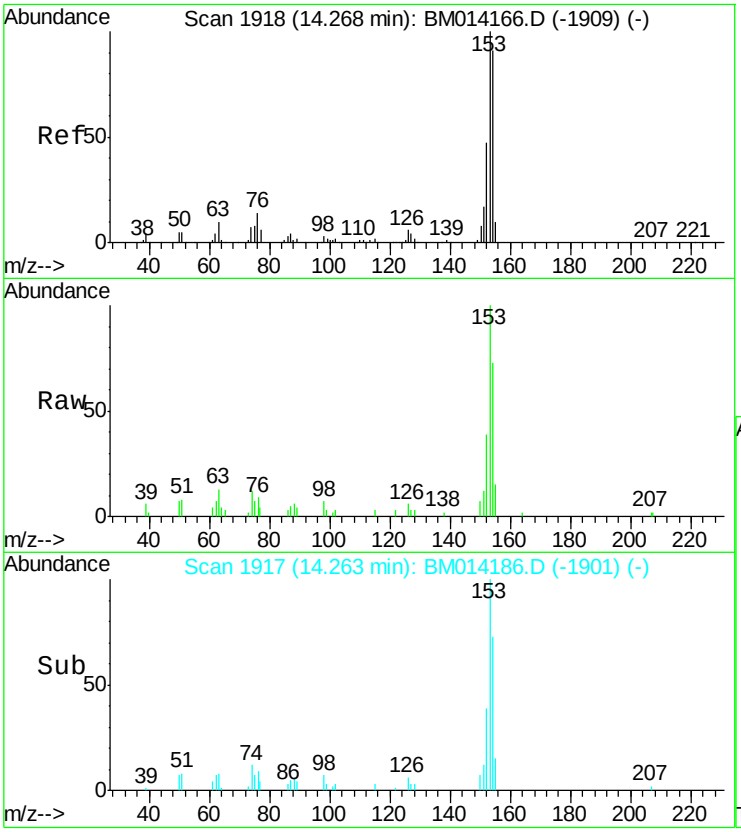


#50
2,6-Dinitrotoluene
Concen: 1.529 ng
RT: 13.80 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:165 Resp: 5144

Ion	Ratio	Lower	Upper
165	100		
63	84.4	44.1	66.1#
89	75.5	44.3	66.5#



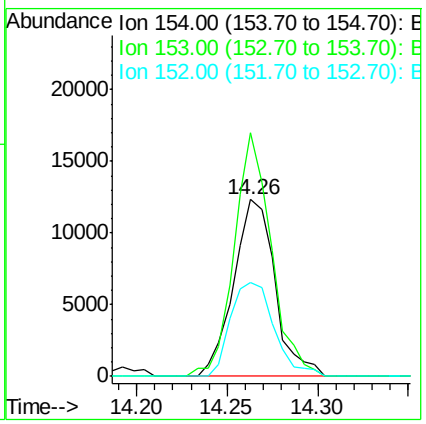


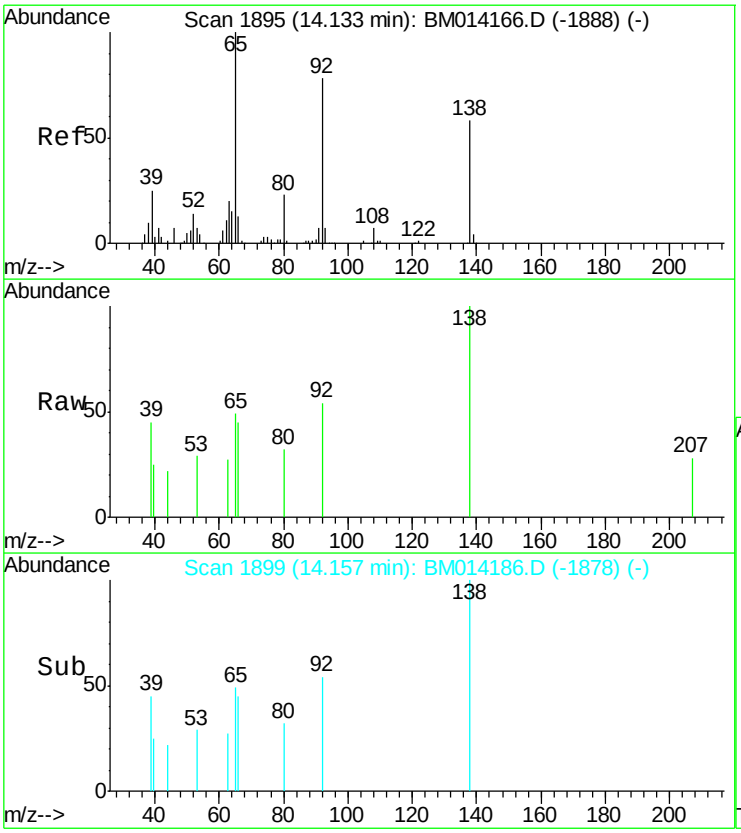
#51
Acenaphthene
Concen: 1.616 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 19669

Ion	Ratio	Lower	Upper
154	100		
153	137.8	90.0	135.0#
152	53.3	42.6	63.8

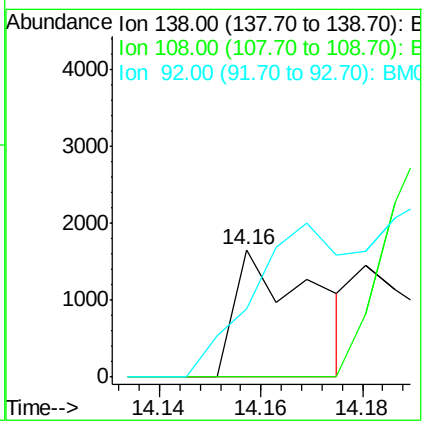


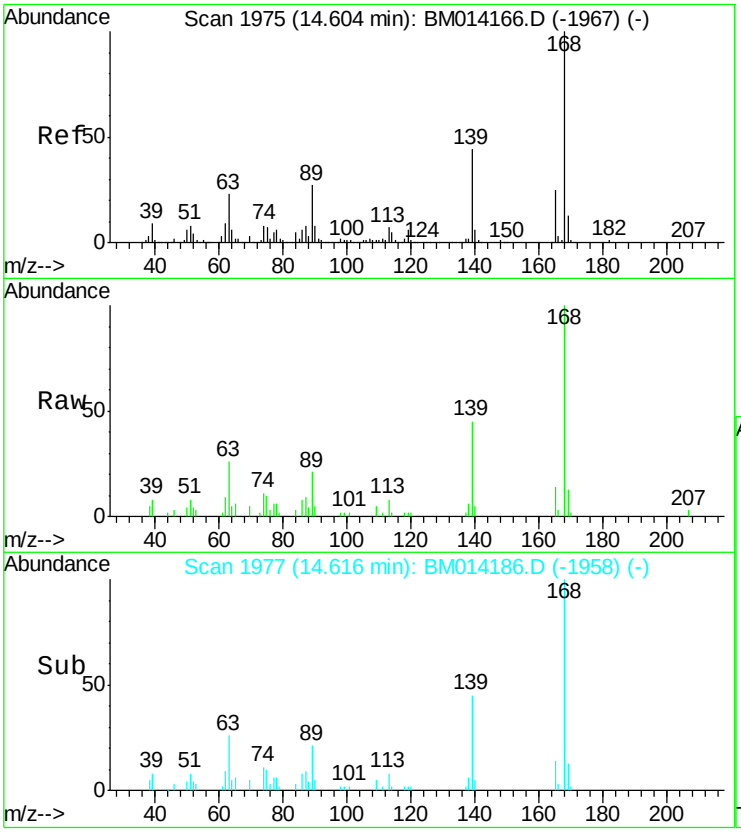


#52
3-Nitroaniline
Concen: 0.505 ng
RT: 14.16 min Scan# 1899
Delta R.T. 0.02 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:138 Resp: 1758

Ion	Ratio	Lower	Upper
138	100		
108	0.0	7.3	10.9#
92	53.9	76.6	114.8#



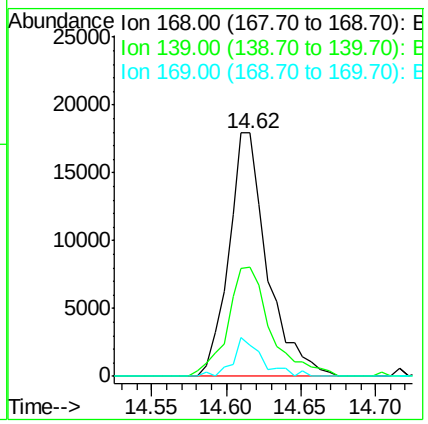


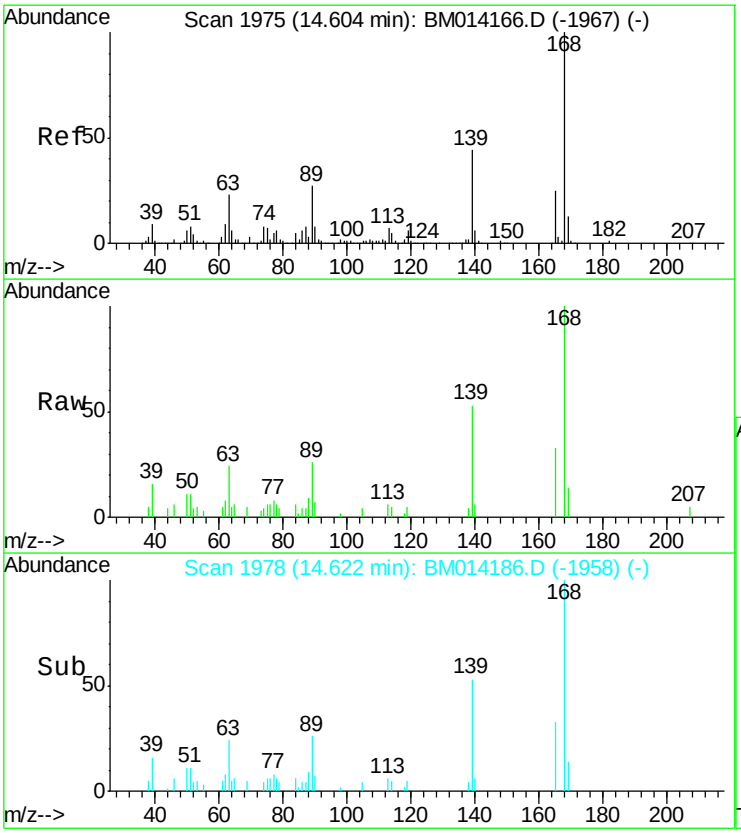
#54
Dibenzofuran
Concen: 1.698 ng
RT: 14.62 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 32304

Ion	Ratio	Lower	Upper
168	100		
139	45.1	27.3	40.9#
169	12.7	10.6	16.0

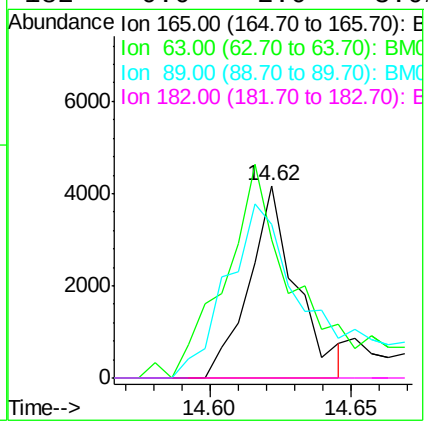


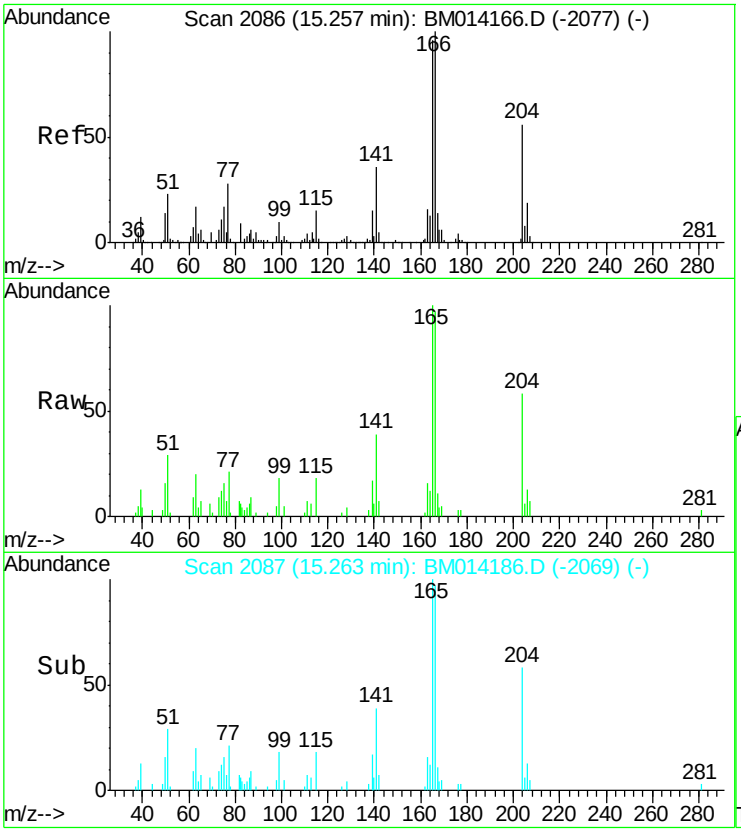


#56
2,4-Dinitrotoluene
Concen: 0.931 ng
RT: 14.62 min Scan# 1978
Delta R.T. 0.02 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:165 Resp: 4834

Ion	Ratio	Lower	Upper
165	100		
63	71.9	52.4	78.6
89	79.7	72.4	108.6
182	0.0	2.0	3.0#



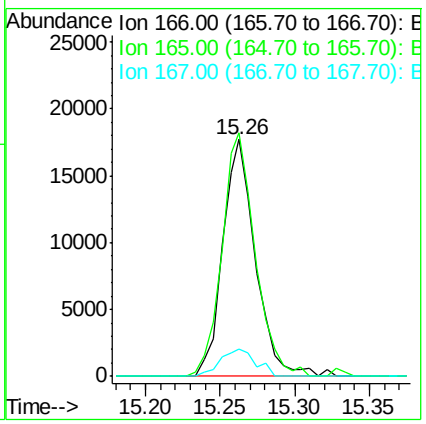


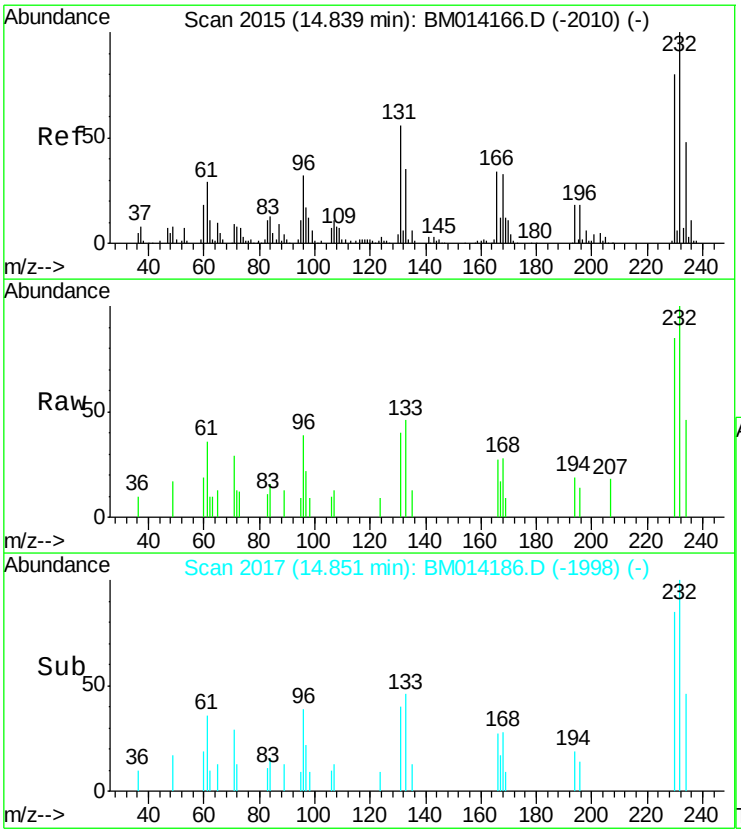
#57
Fluorene
Concen: 1.624 ng
RT: 15.26 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 27178

Ion	Ratio	Lower	Upper
166	100		
165	102.8	79.0	118.4
167	11.4	10.3	15.5

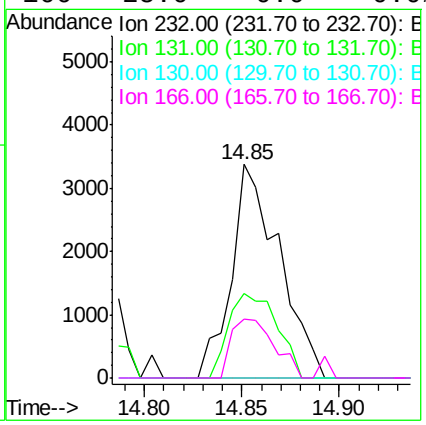


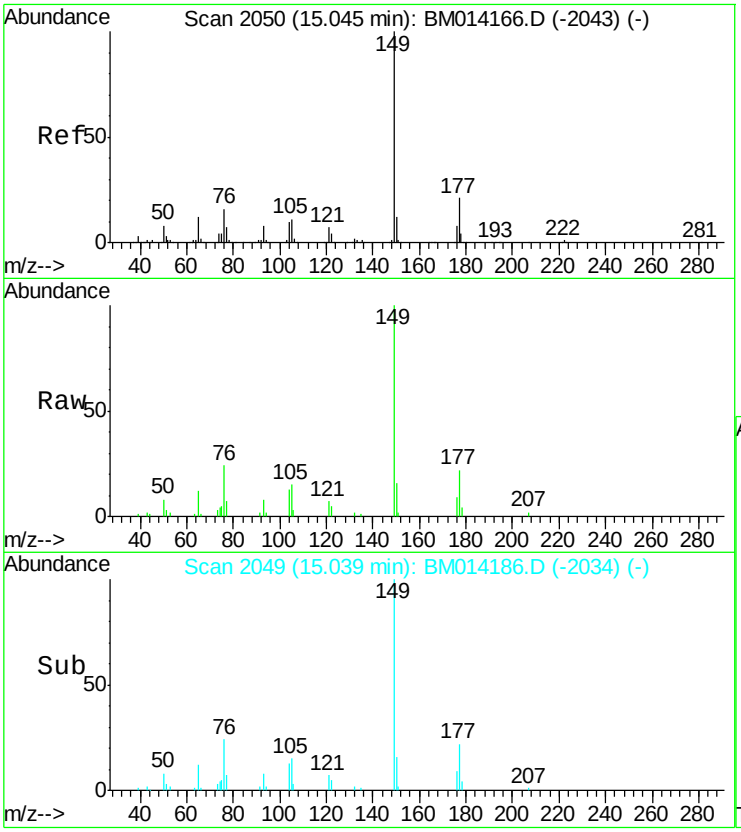


#58
2,3,4,6-Tetrachlorophenol
Concen: 1.401 ng
RT: 14.85 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:232 Resp: 5745

Ion	Ratio	Lower	Upper
232	100		
131	40.1	0.0	0.0#
130	0.0	0.0	0.0
166	25.0	0.0	0.0#



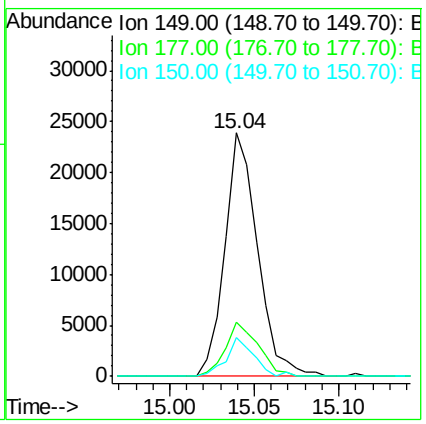


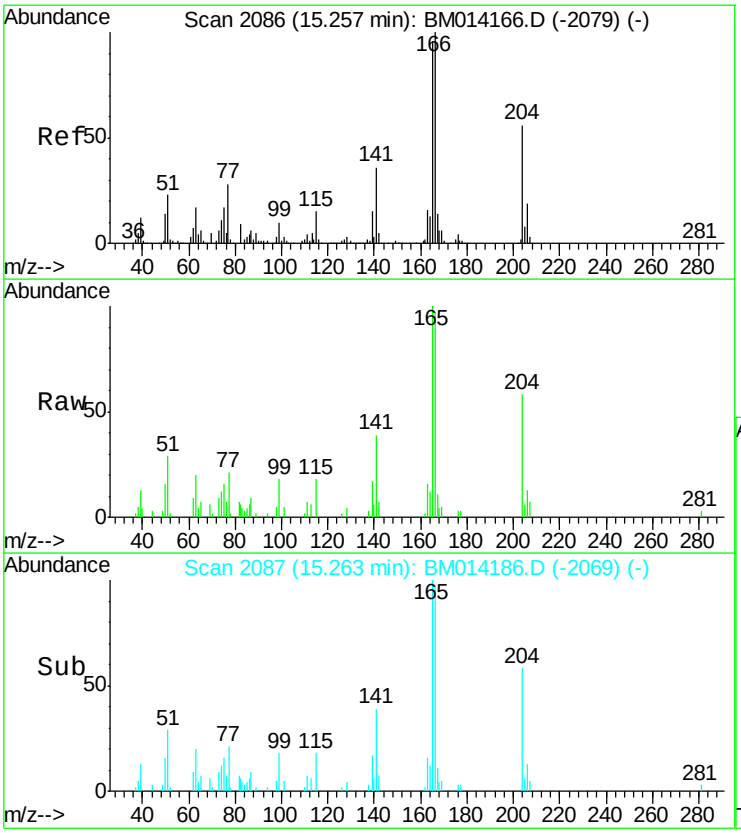
#59
Diethylphthalate
Concen: 1.767 ng
RT: 15.04 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 32157

Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.3	27.5
150	16.1	9.8	14.8#

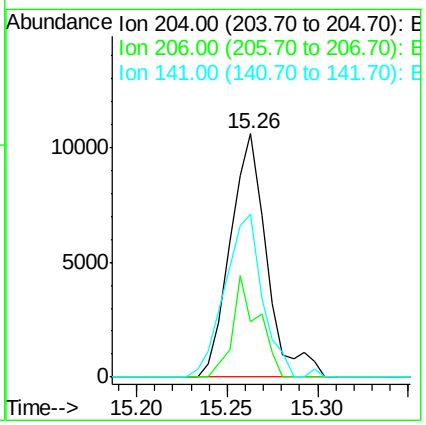


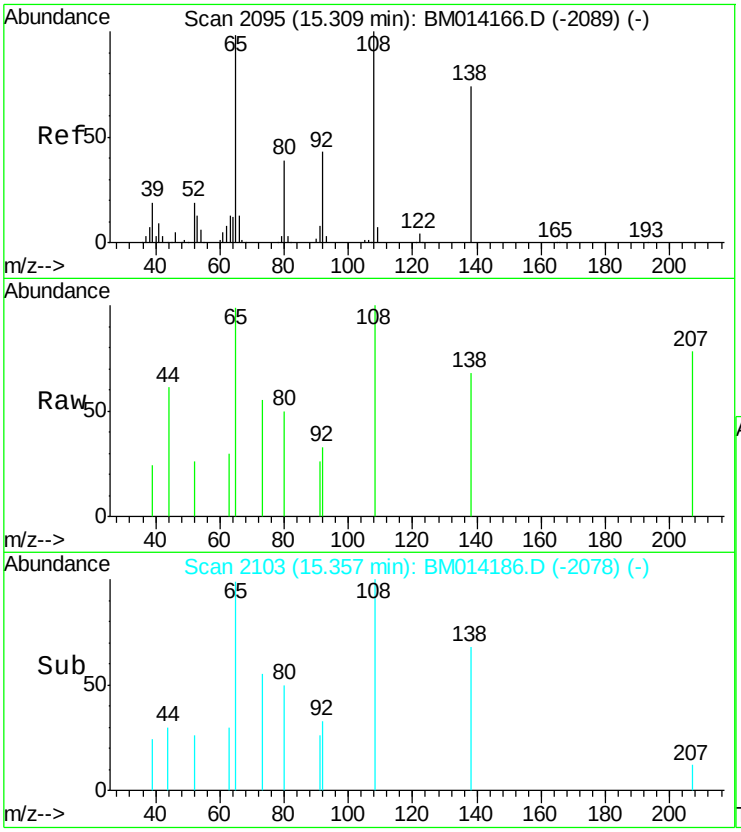


#60
4-Chlorophenyl-phenylether
Concen: 1.705 ng
RT: 15.26 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:204 Resp: 14832

Ion	Ratio	Lower	Upper
204	100		
206	23.0	26.6	39.8#
141	66.9	45.2	67.8



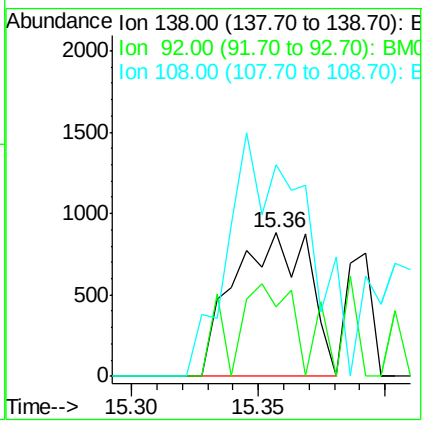


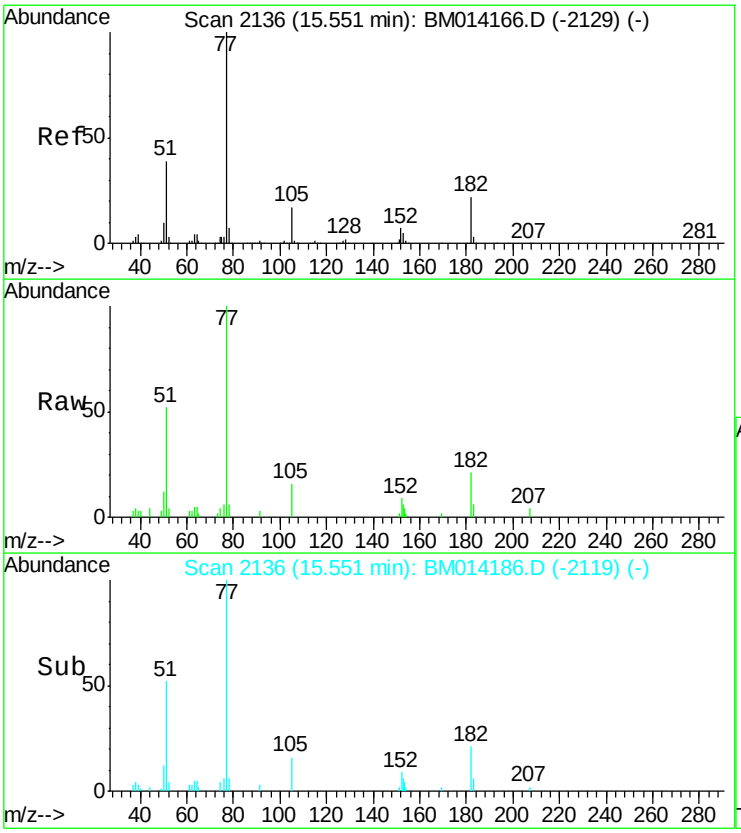
#61
4-Nitroaniline
Concen: 0.523 ng
RT: 15.36 min Scan# 2103
Delta R.T. 0.05 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 1820

Ion	Ratio	Lower	Upper
138	100		
92	48.3	16.7	56.7
108	147.5	37.6	77.6#

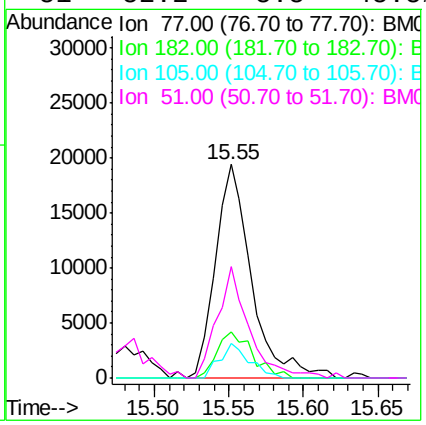


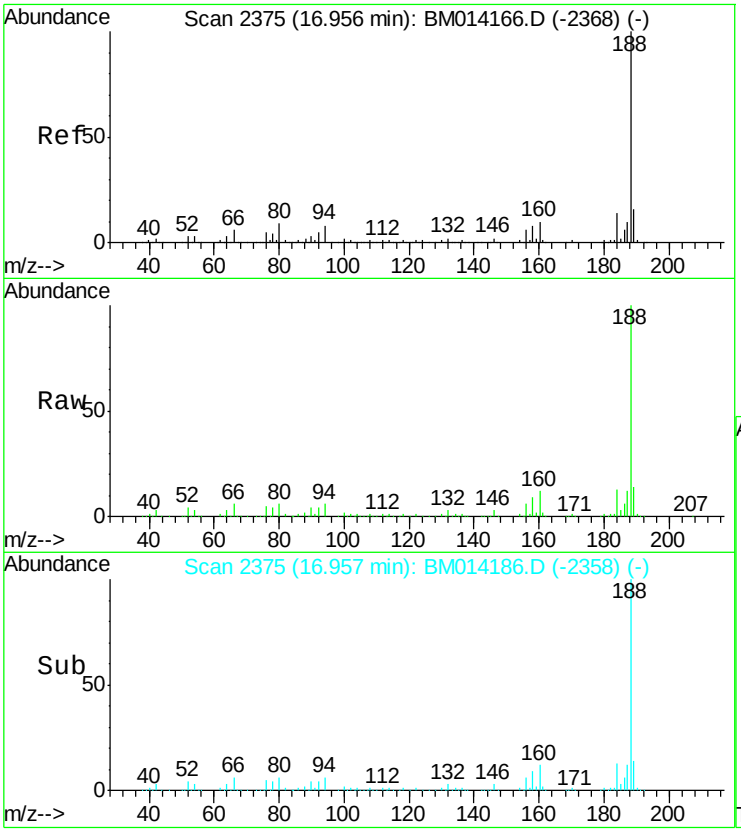


#62
Azobenzene
Concen: 1.735 ng
RT: 15.55 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion: 77 Resp: 32792

Ion	Ratio	Lower	Upper
77	100		
182	21.4	6.5	46.5
105	16.1	3.8	43.8
51	52.2	5.5	45.5#



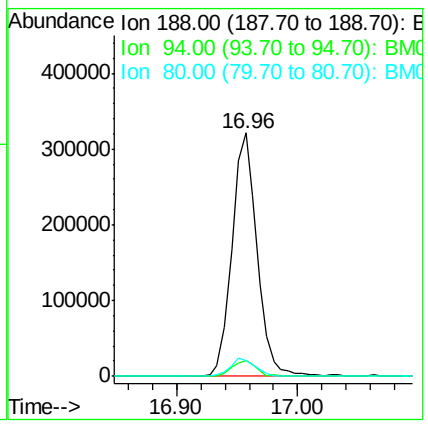


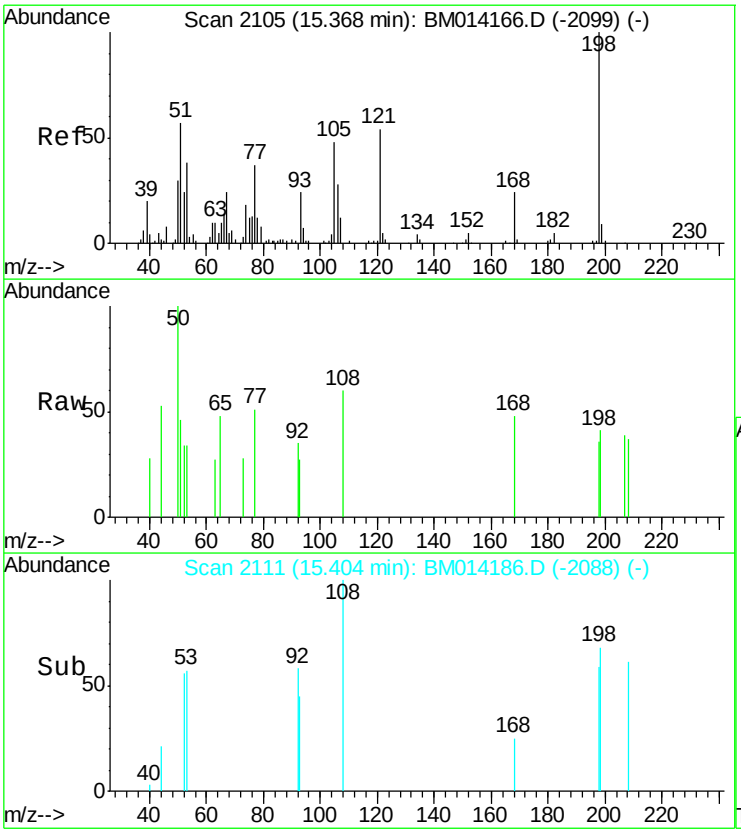
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 466203

Ion	Ratio	Lower	Upper
188	100		
94	6.3	8.7	13.1#
80	6.4	9.3	13.9#

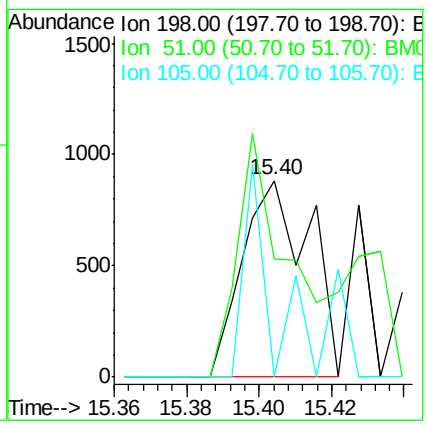


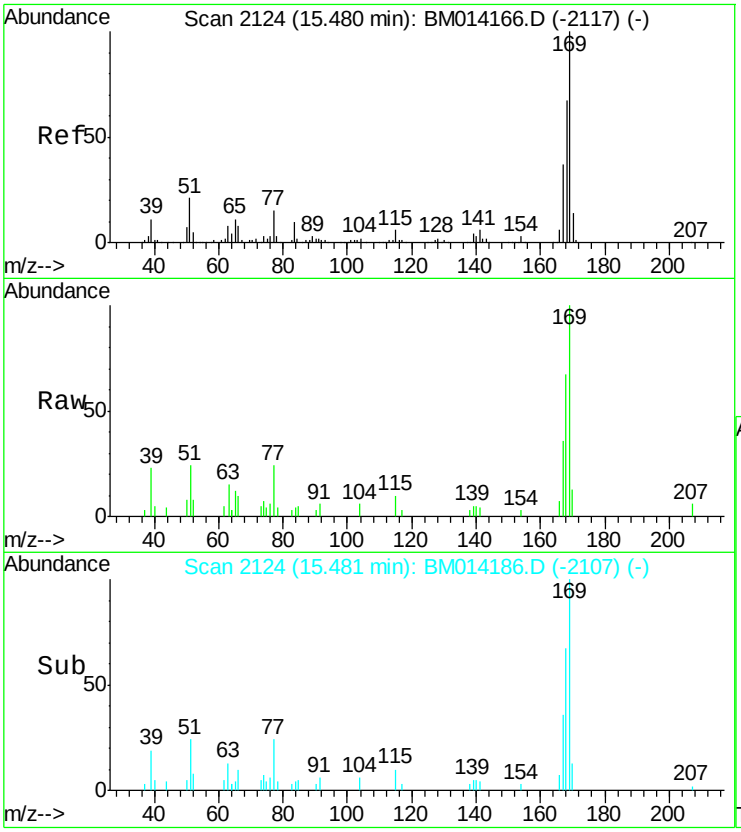


#64
4,6-Dinitro-2-methylphenol
Concen: 5.882 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.04 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:198 Resp: 1133

Ion	Ratio	Lower	Upper
198	100		
51	60.2	28.8	68.8
105	0.0	30.5	70.5#



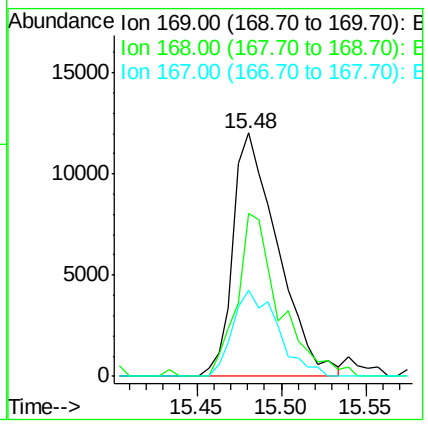


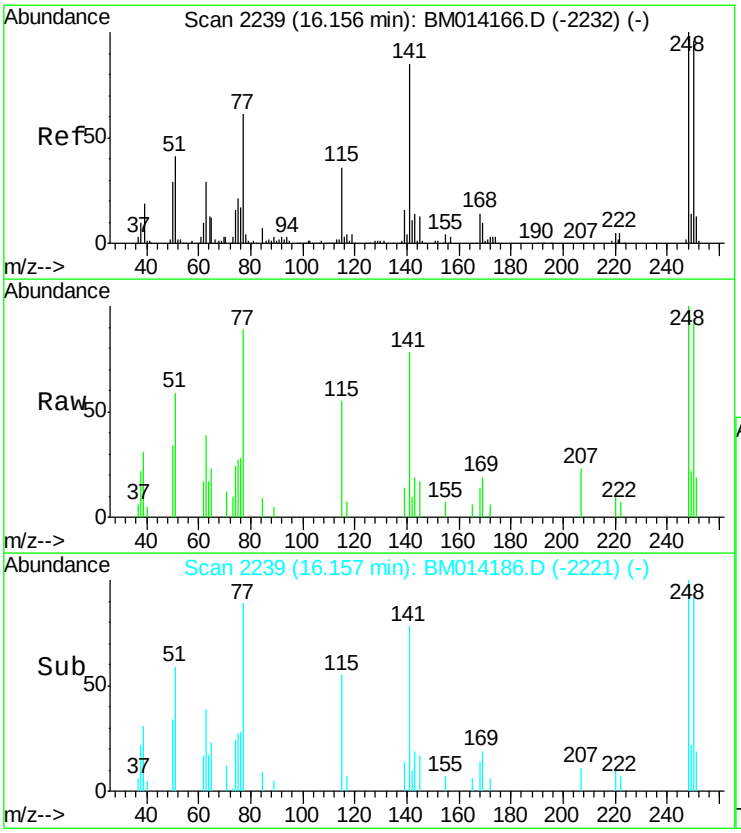
#65
n-Nitrosodiphenylamine
Concen: 1.510 ng
RT: 15.48 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 22218

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.9	80.9
167	35.6	28.9	43.3

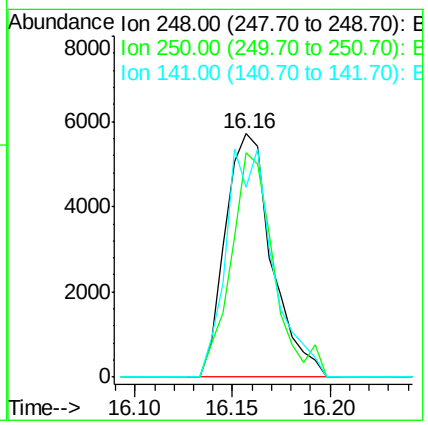


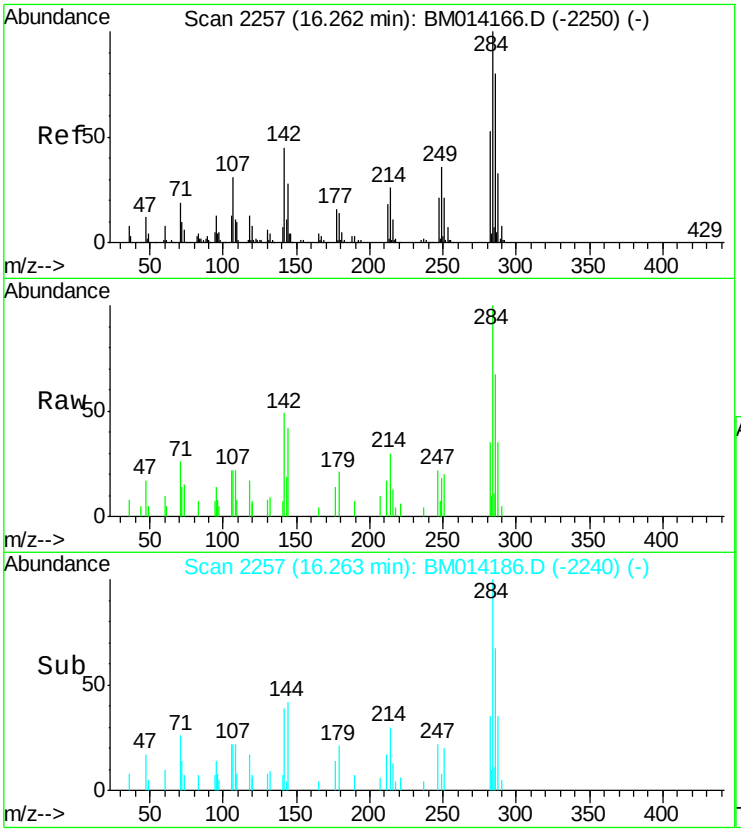


#66
4-Bromophenyl-phenylether
Concen: 1.729 ng
RT: 16.16 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:248 Resp: 9450

Ion	Ratio	Lower	Upper
248	100		
250	92.0	77.4	116.0
141	77.8	45.2	67.8#



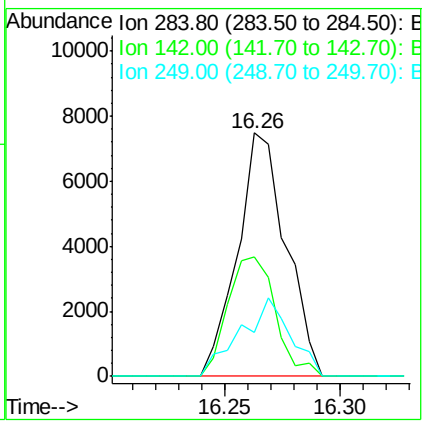


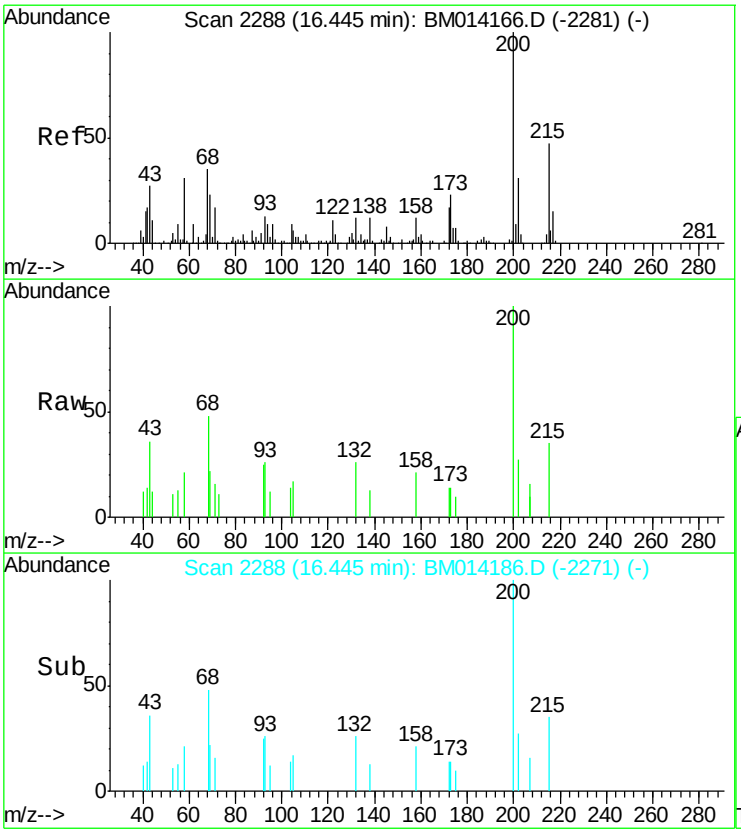
#67
Hexachlorobenzene
Concen: 1.825 ng
RT: 16.26 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 10947

Ion	Ratio	Lower	Upper
284	100		
142	48.9	20.4	30.6#
249	18.2	23.8	35.6#

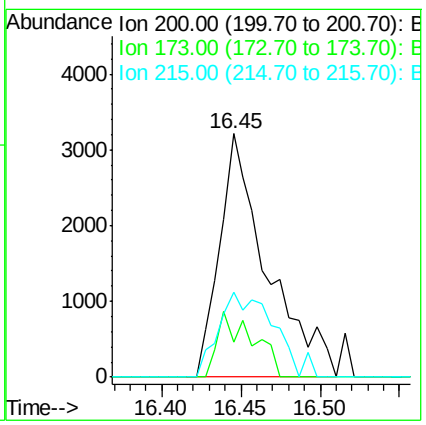


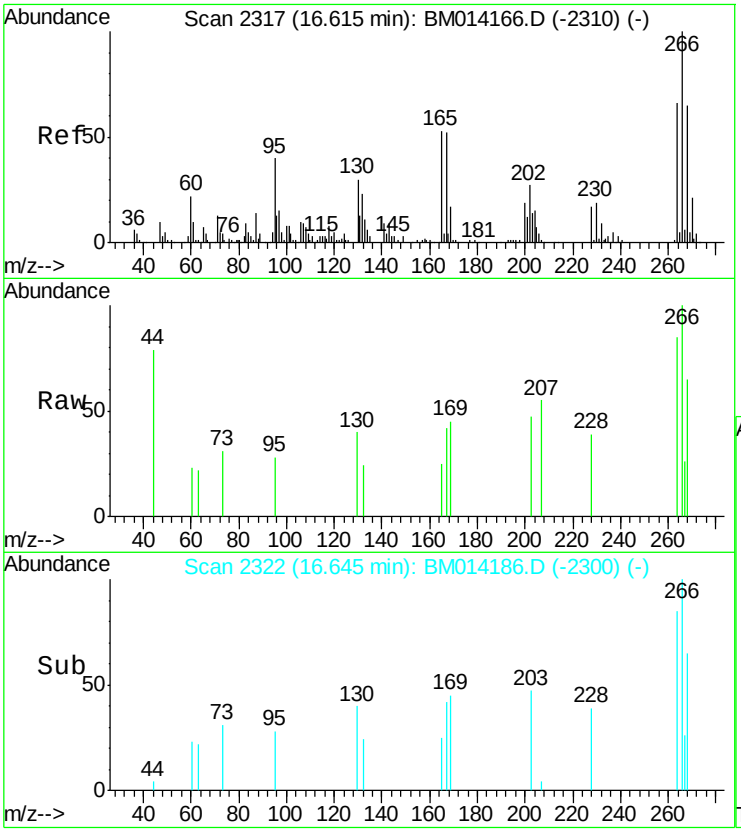


#68
Atrazine
Concen: 1.212 ng
RT: 16.45 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:200 Resp: 6688

Ion	Ratio	Lower	Upper
200	100		
173	14.3	4.8	44.8
215	34.8	26.9	66.9



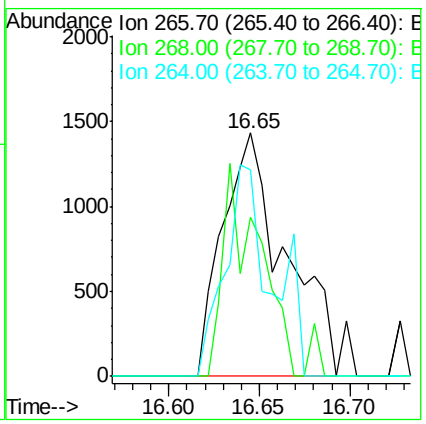


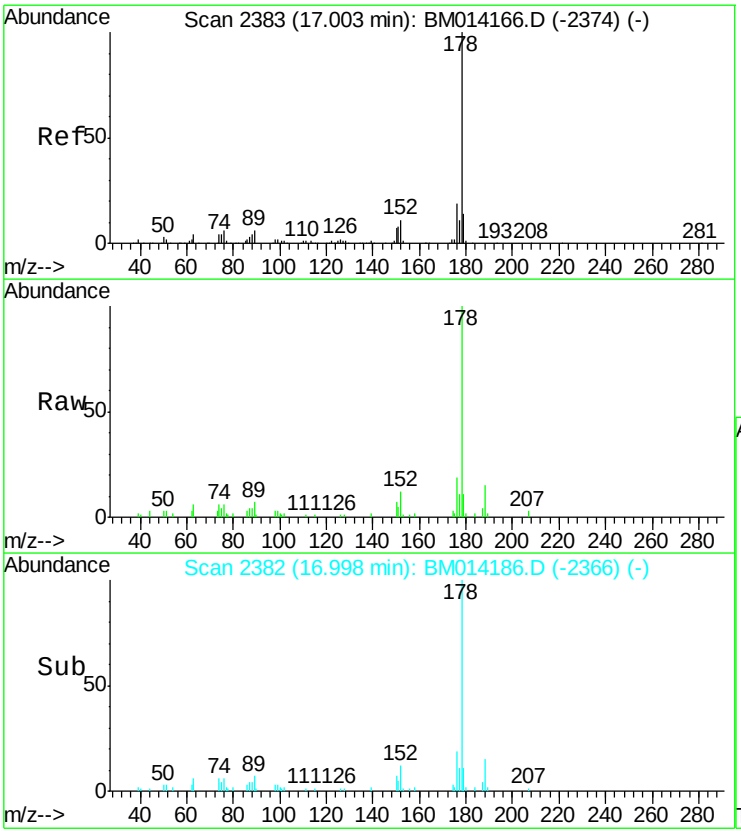
#69
Pentachlorophenol
Concen: 6.714 ng
RT: 16.65 min Scan# 2322
Delta R.T. 0.03 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 3452

Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.0	78.0
264	84.7	49.0	73.4#

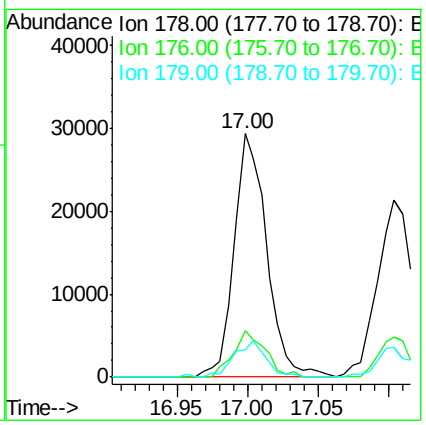


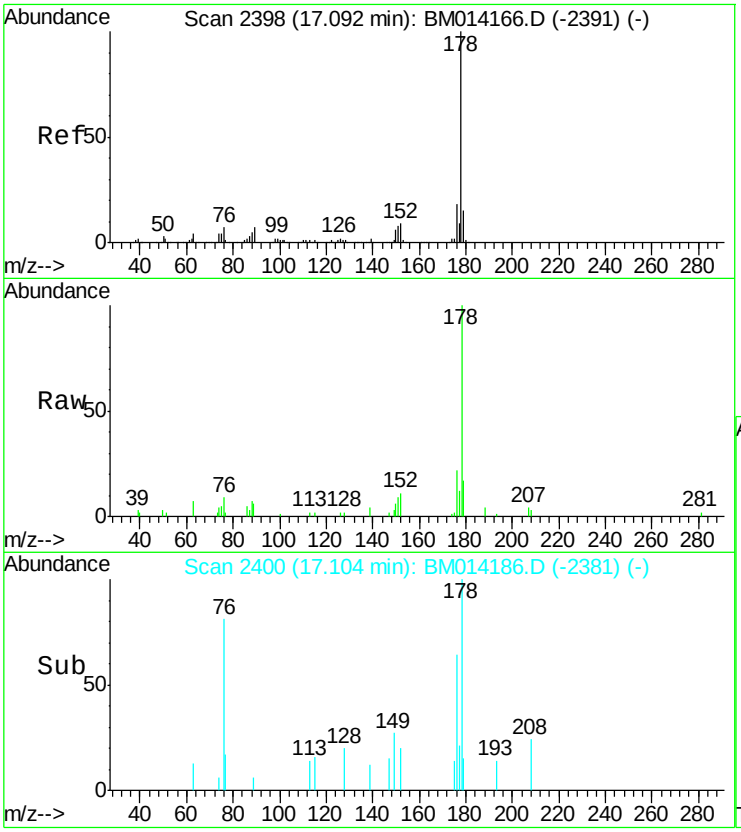


#70
Phenanthrene
Concen: 1.687 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:178 Resp: 47431

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	11.1	12.1	18.1#



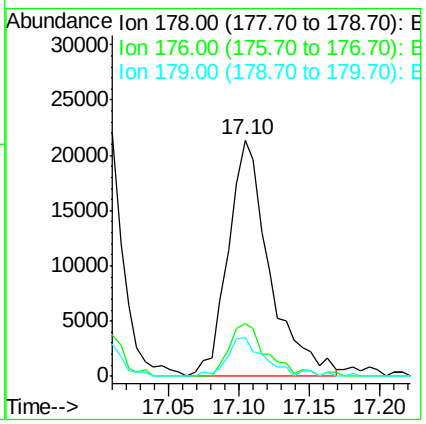


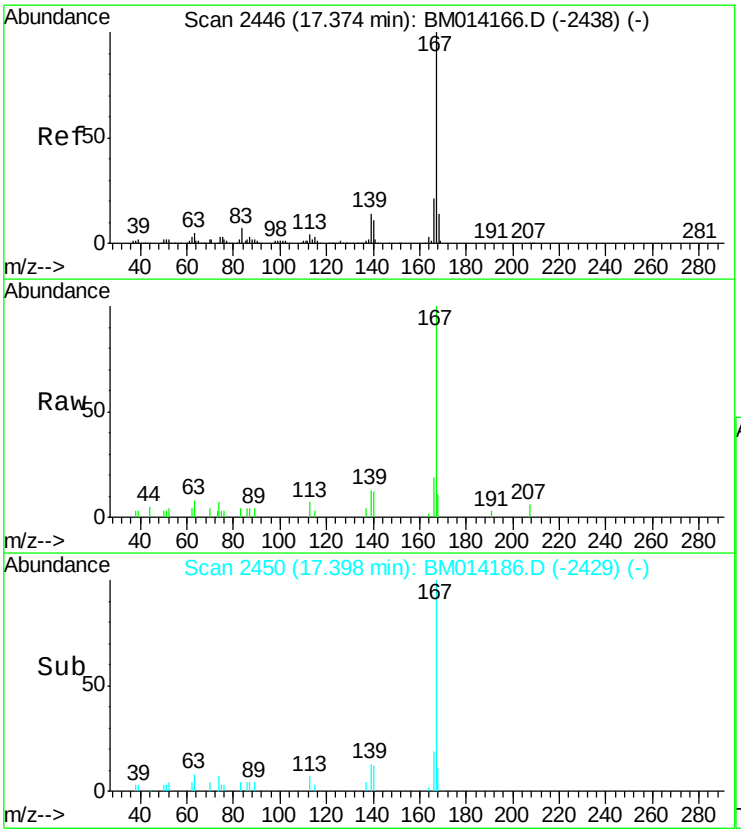
#71
Anthracene
Concen: 1.600 ng
RT: 17.10 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 43834

Ion	Ratio	Lower	Upper
178	100		
176	22.3	14.6	22.0#
179	16.5	12.6	19.0

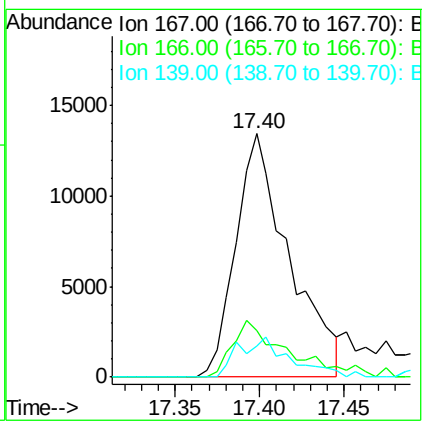


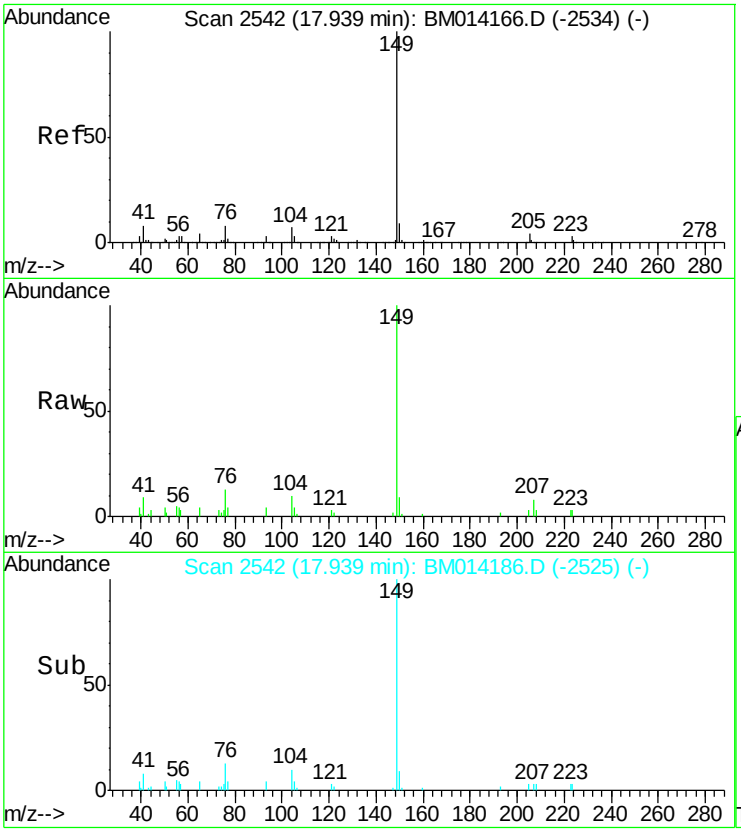


#72
Carbazole
Concen: 1.146 ng
RT: 17.40 min Scan# 2450
Delta R.T. 0.02 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:167 Resp: 29530

Ion	Ratio	Lower	Upper
167	100		
166	19.1	17.2	25.8
139	12.8	10.8	16.2



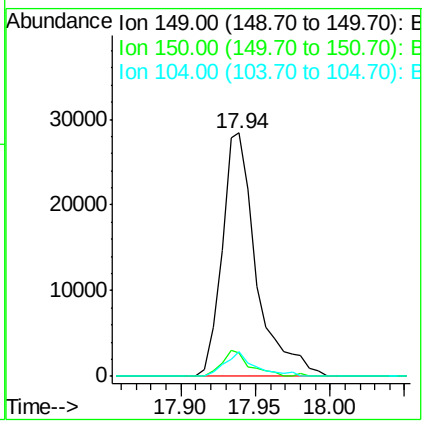


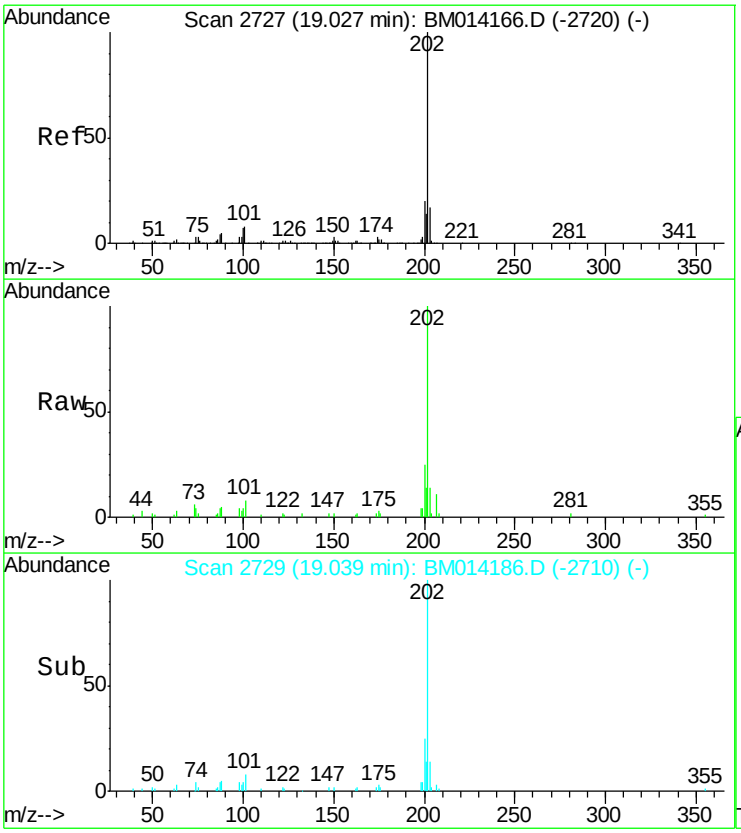
#73
Di-n-butylphthalate
Concen: 1.387 ng
RT: 17.94 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 45721

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	9.9	3.7	5.5#

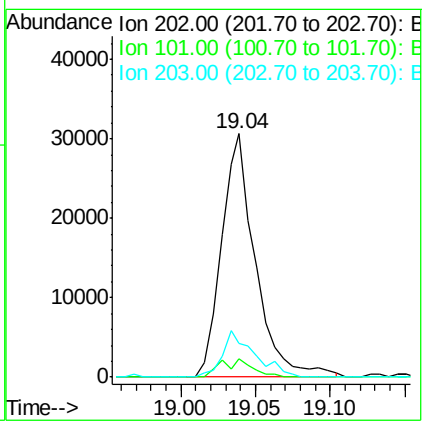


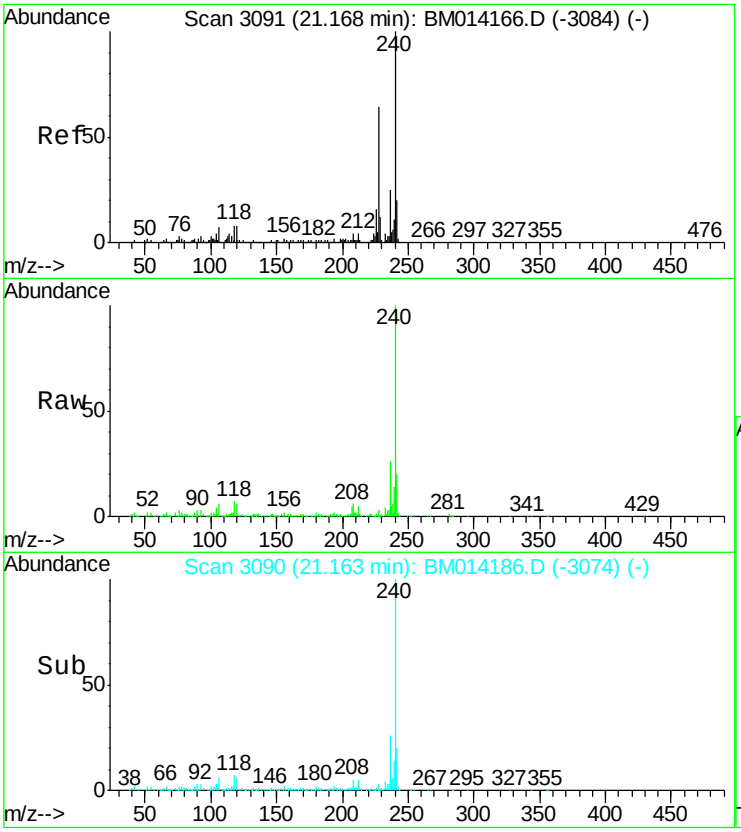


#74
Fluoranthene
Concen: 1.469 ng
RT: 19.04 min Scan# 2729
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:202 Resp: 48640

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.7
203	13.7	0.0	37.2



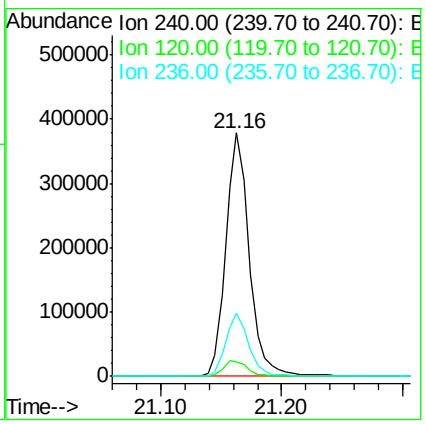


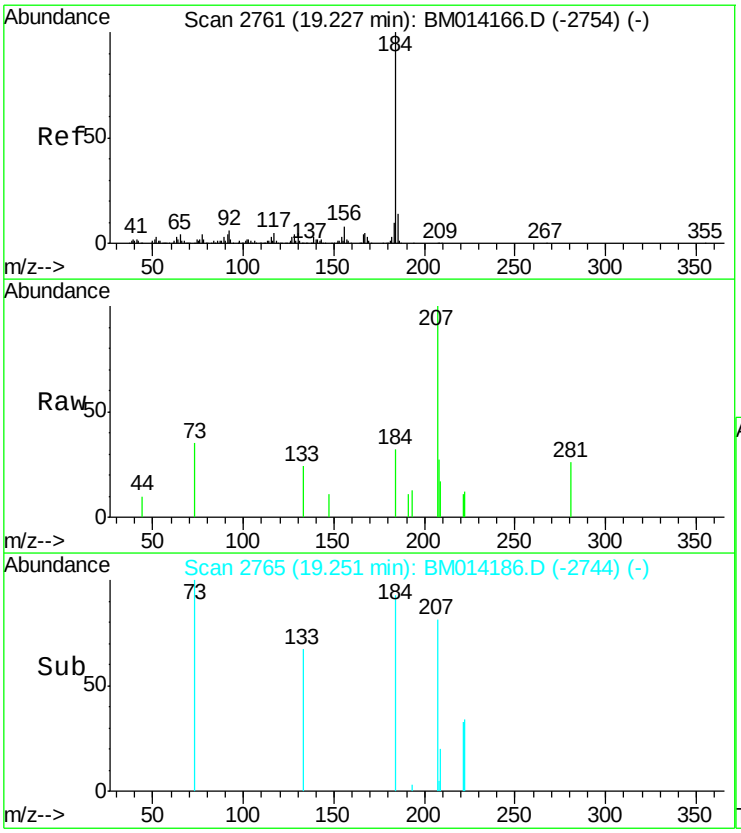
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 509760

Ion	Ratio	Lower	Upper
240	100		
120	5.8	8.2	12.2#
236	25.9	20.0	30.0

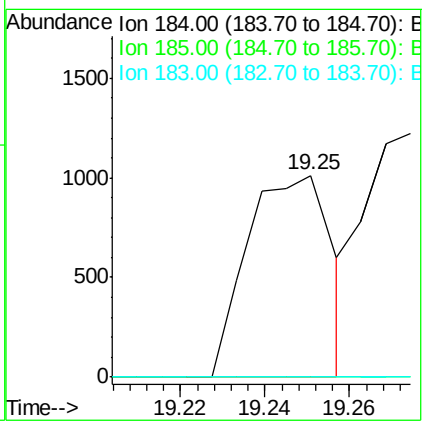


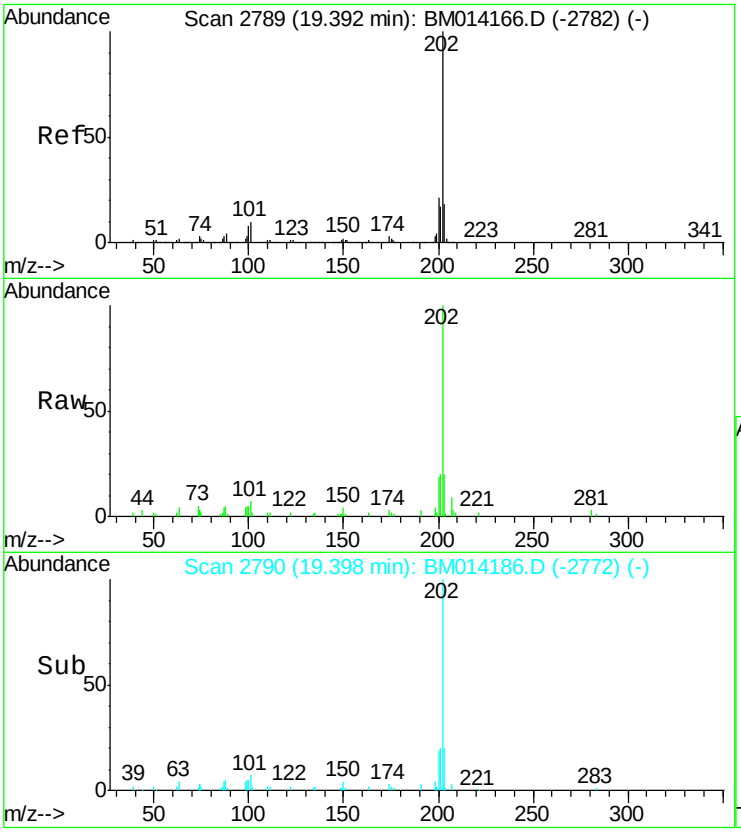


#76
Benzidine
Concen: 0.092 ng
RT: 19.25 min Scan# 2765
Delta R.T. 0.02 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:184 Resp: 1401

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.3	16.9#
183	0.0	8.9	13.3#



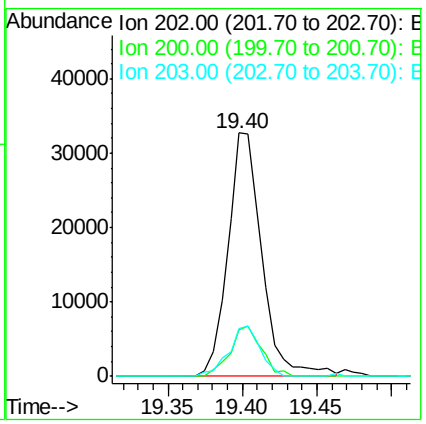


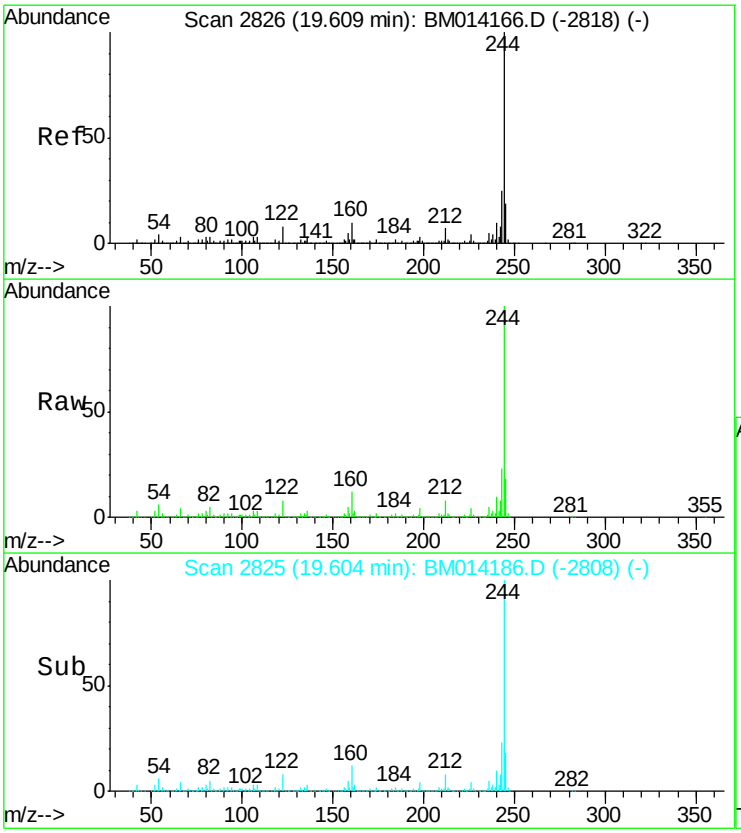
#77
Pyrene
Concen: 1.472 ng
RT: 19.40 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 52112

Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.9	25.3
203	19.7	14.1	21.1

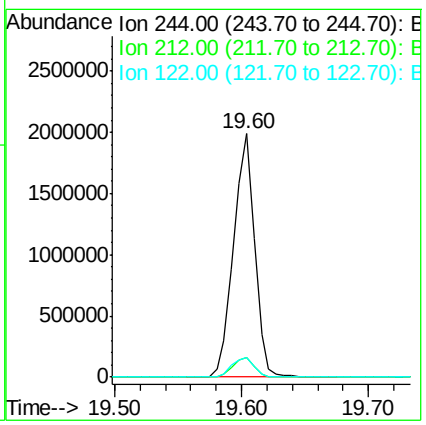


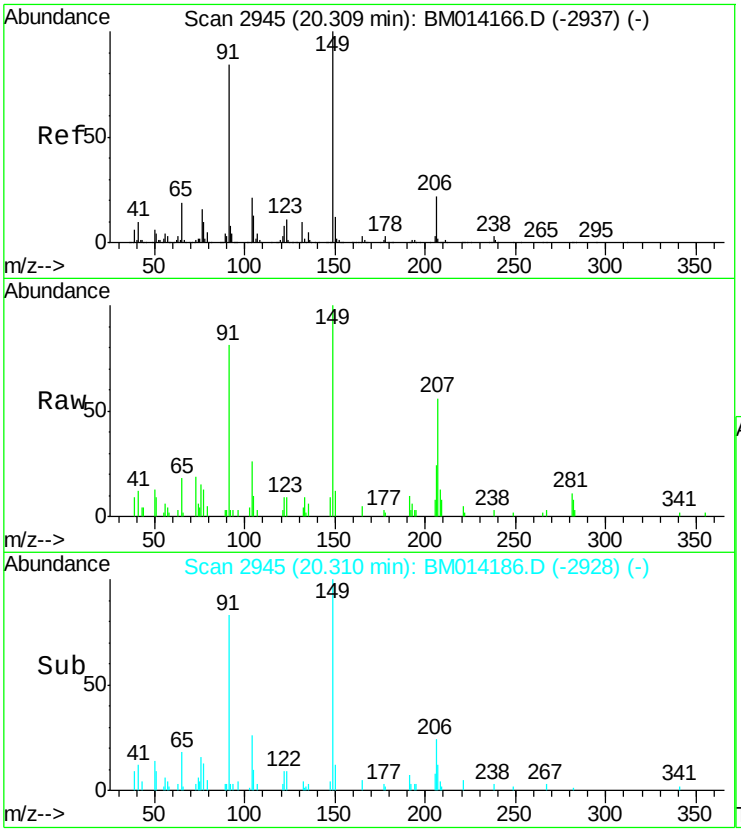


#78
Terphenyl-d14
Concen: 86.986 ng
RT: 19.60 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:244 Resp: 2269357

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	8.0	6.2	9.4



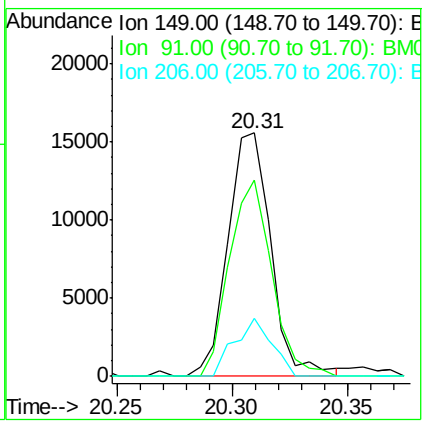


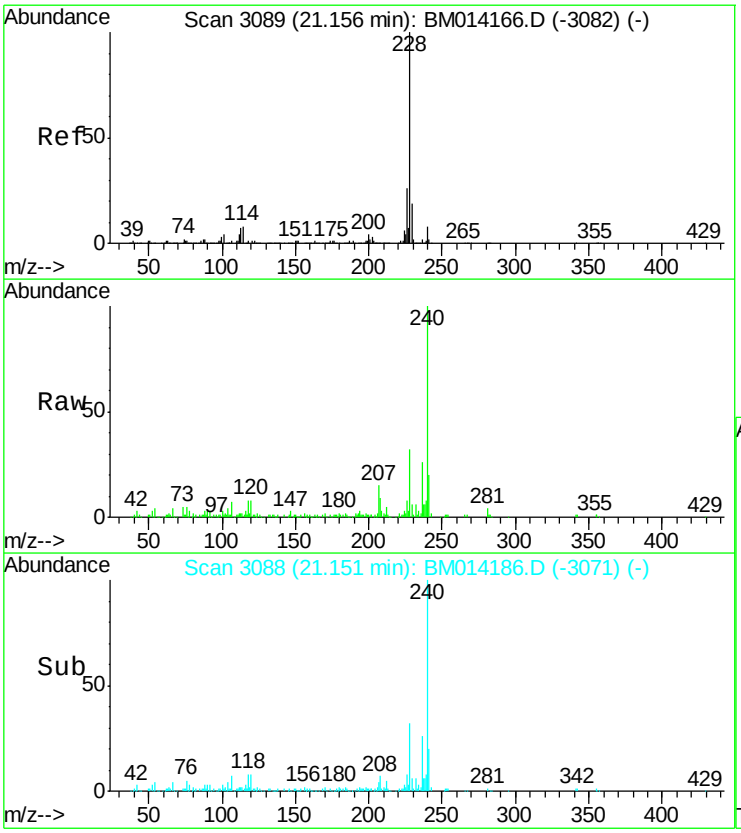
#79
Butylbenzylphthalate
Concen: 1.271 ng
RT: 20.31 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 20276

Ion	Ratio	Lower	Upper
149	100		
91	80.5	50.1	75.1#
206	23.7	16.2	24.2

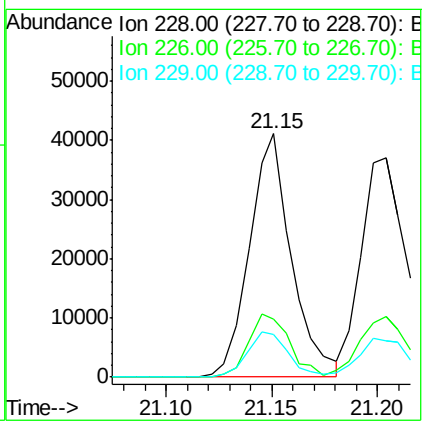


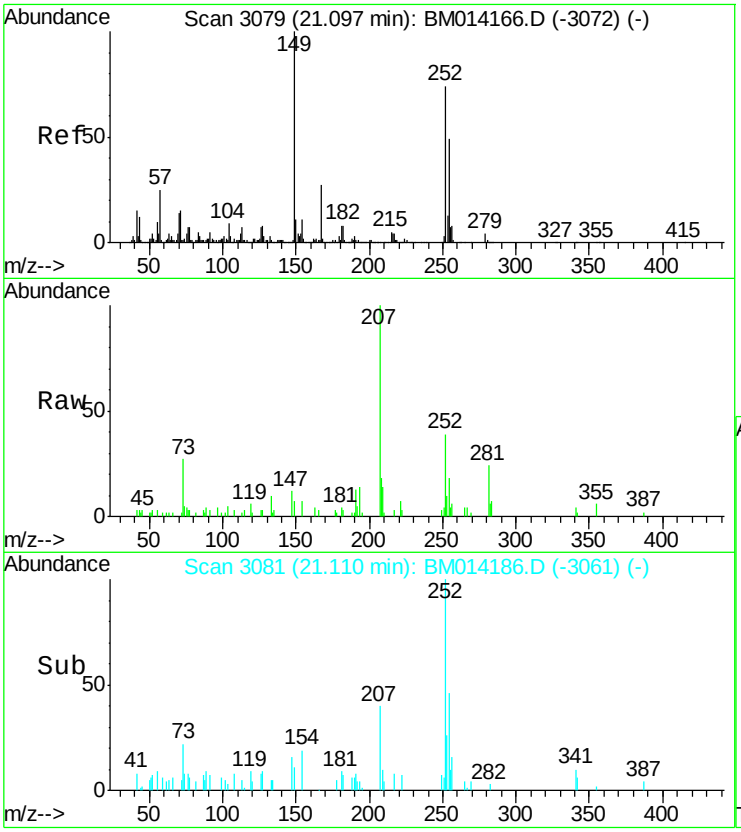


#80
Benzo(a)anthracene
Concen: 1.715 ng
RT: 21.15 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:228 Resp: 56796

Ion	Ratio	Lower	Upper
228	100		
226	23.9	21.7	32.5
229	17.5	16.0	24.0



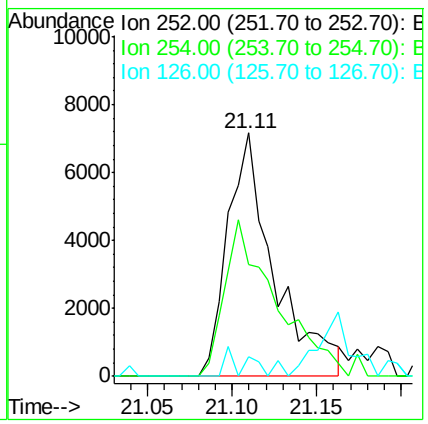


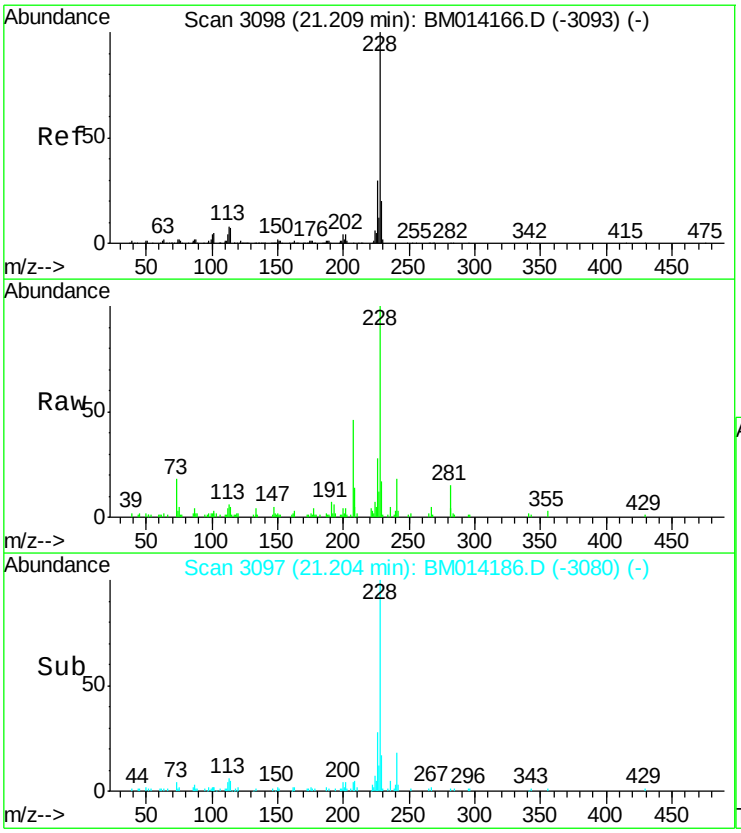
#81
3,3'-Dichlorobenzidine
Concen: 1.110 ng
RT: 21.11 min Scan# 3081
Delta R.T. 0.02 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 13738

Ion	Ratio	Lower	Upper
252	100		
254	45.9	51.9	77.9#
126	8.0	9.8	14.8#

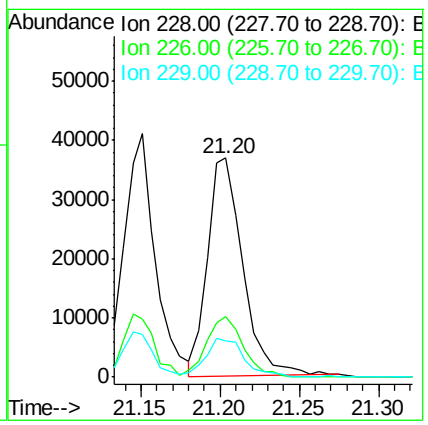


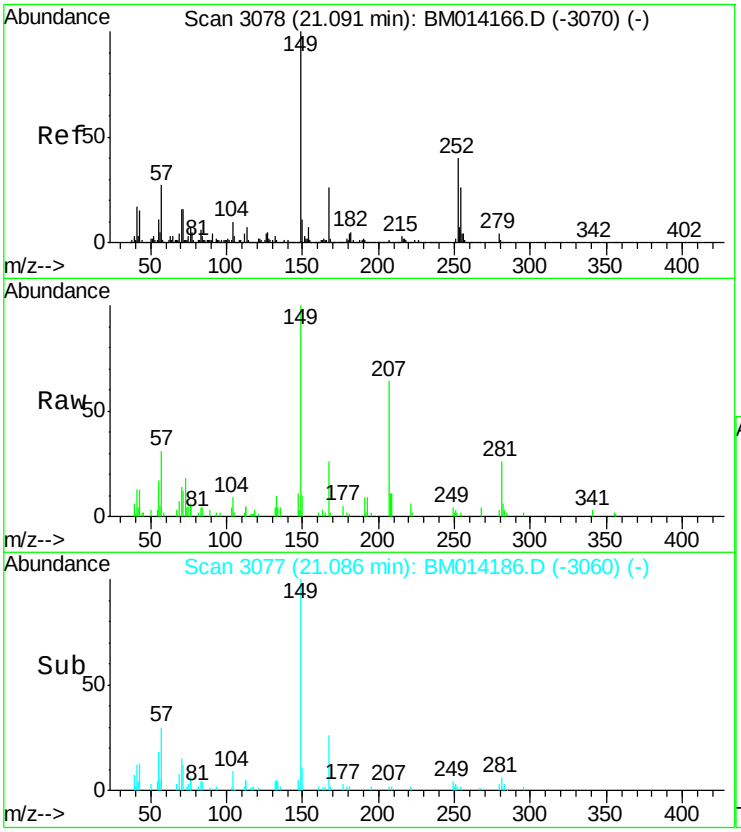


#82
Chrysene
Concen: 1.770 ng
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:228 Resp: 56879

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.1	36.1
229	16.7	15.5	23.3



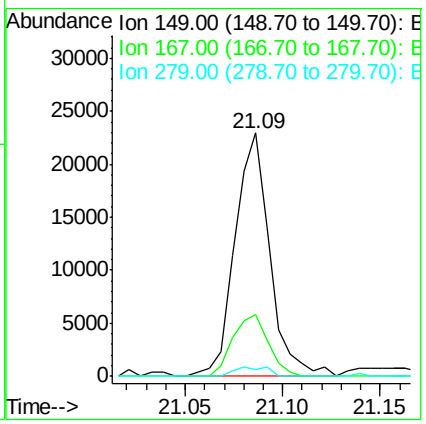


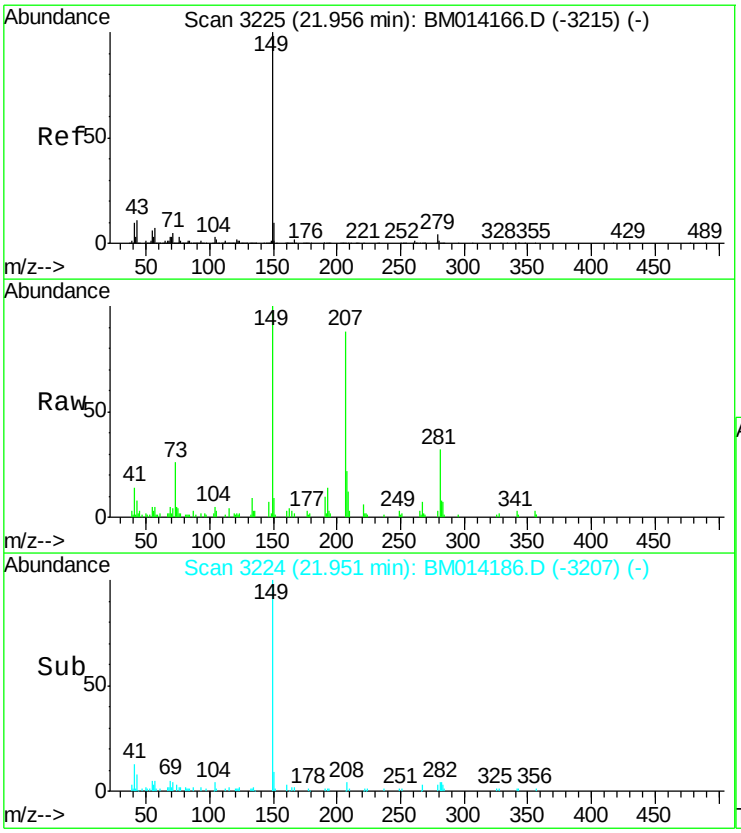
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.218 ng
RT: 21.09 min Scan# 3077
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 28332

Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.4	33.6
279	2.8	3.4	5.0#

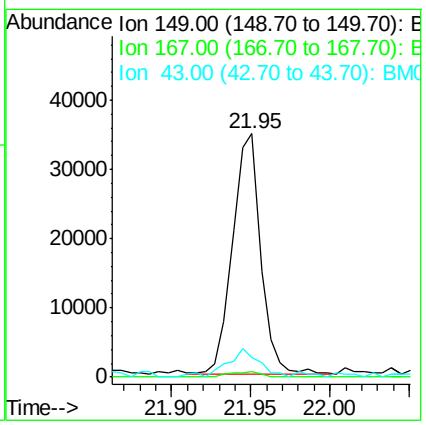


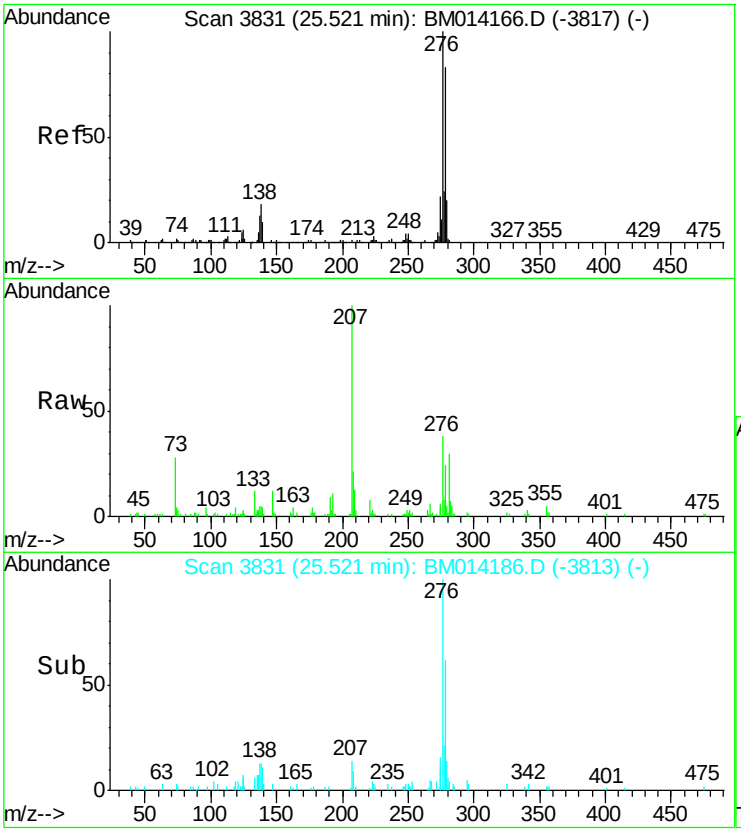


#84
Di-n-octyl phthalate
Concen: 1.327 ng
RT: 21.95 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:149 Resp: 42747

Ion	Ratio	Lower	Upper
149	100		
167	2.4	1.2	1.8#
43	13.7	7.3	10.9#



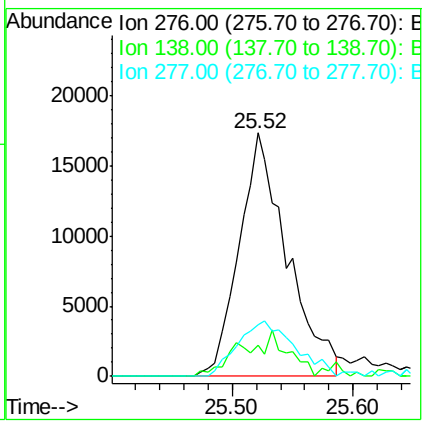


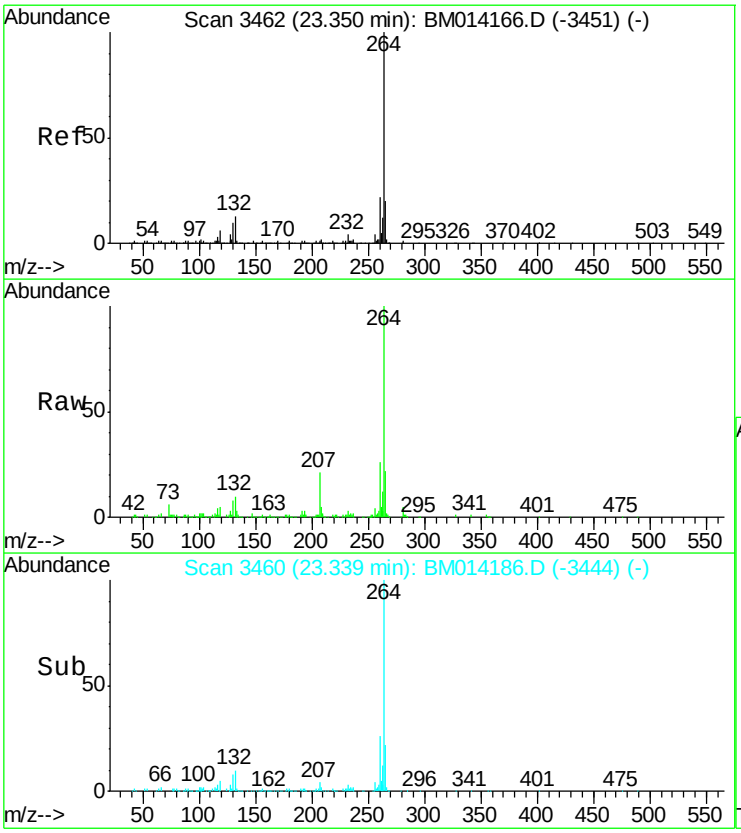
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.898 ng
RT: 25.52 min Scan# 3831
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 47937

Ion	Ratio	Lower	Upper
276	100		
138	10.7	12.0	18.0#
277	26.8	20.0	30.0

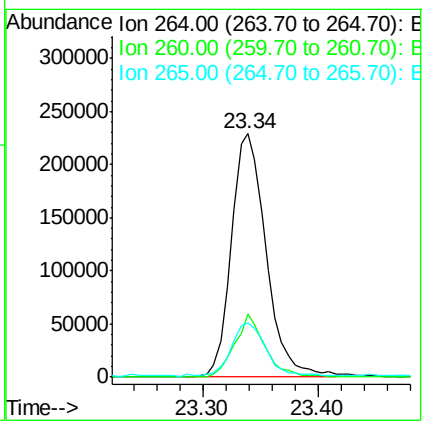


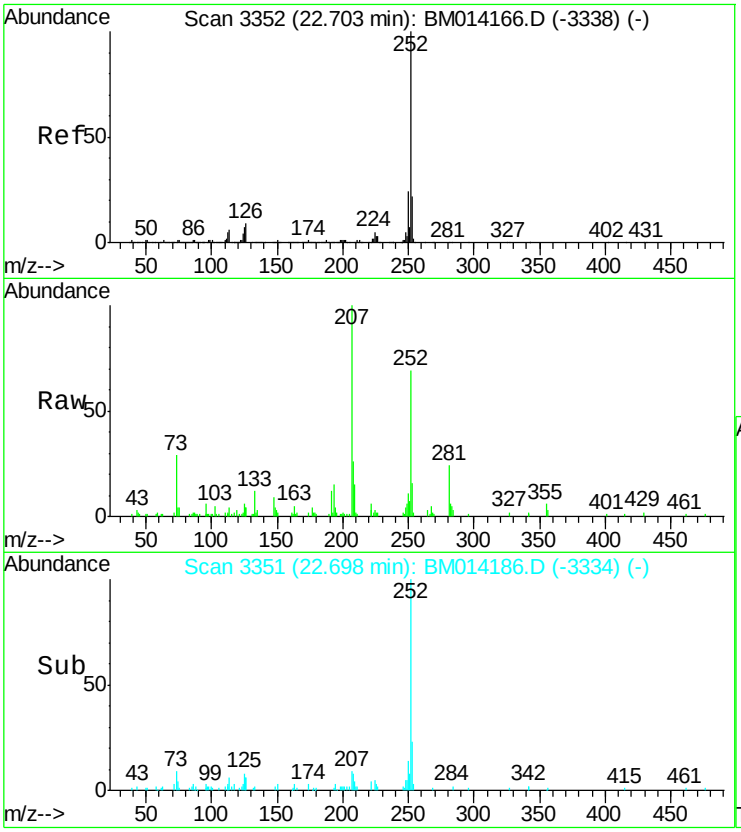


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:264 Resp: 478013

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.6	27.8
265	22.3	17.3	25.9



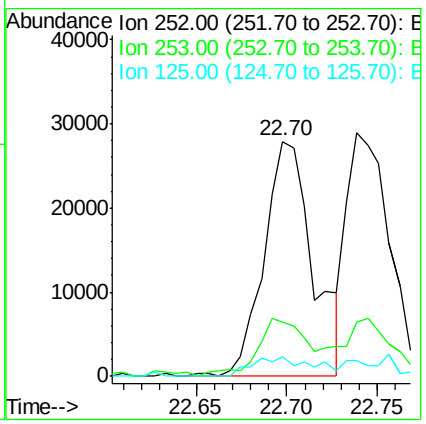


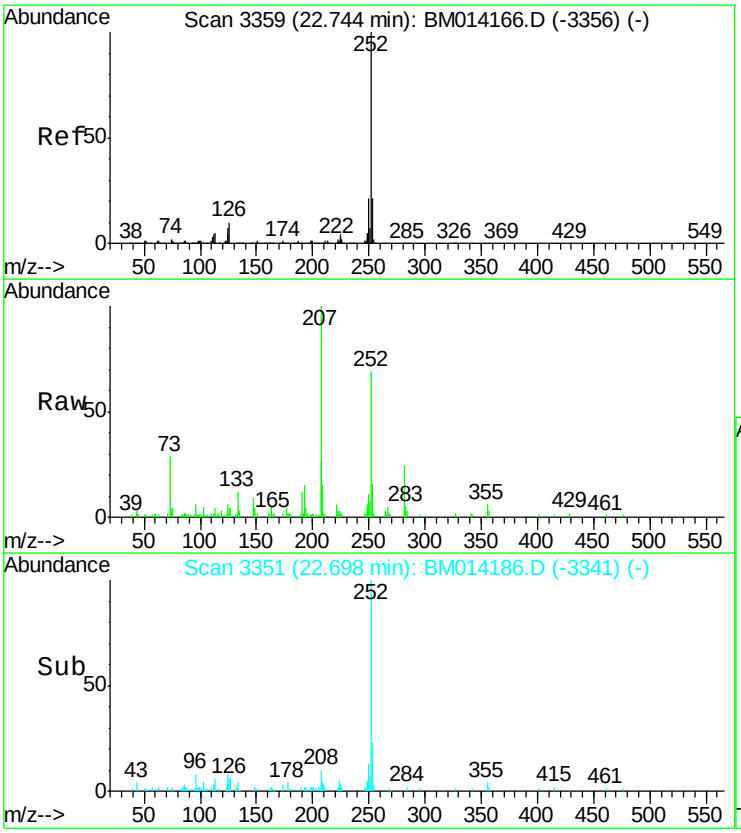
#87
Benzo(b)fluoranthene
Concen: 1.583 ng
RT: 22.70 min Scan# 3351
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 52519

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	8.3	9.9	14.9#

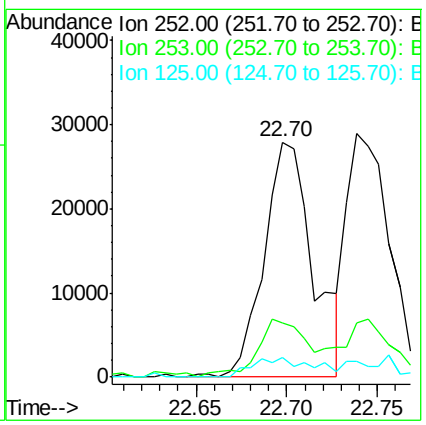


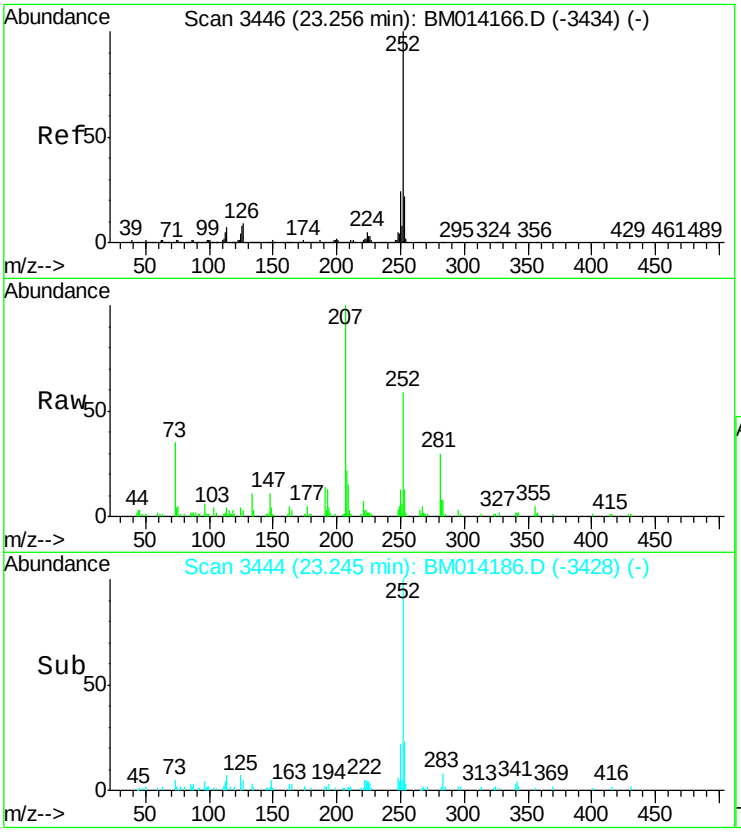


#88
Benzo(k)fluoranthene
Concen: 1.666 ng
RT: 22.70 min Scan# 3351
Delta R.T. -0.04 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:252 Resp: 52519

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	8.3	8.1	12.1



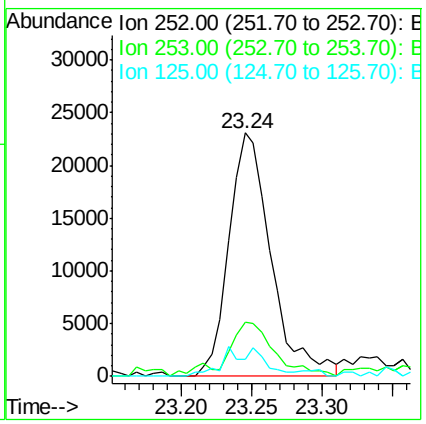


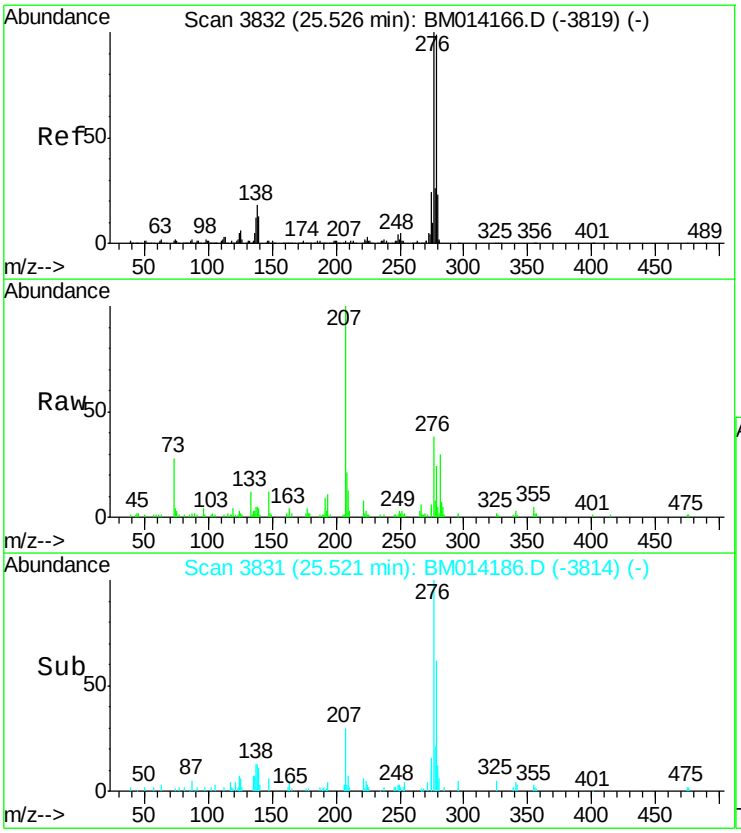
#89
Benzo(a)pyrene
Concen: 1.647 ng
RT: 23.24 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 48152

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	6.8	7.4	11.2#

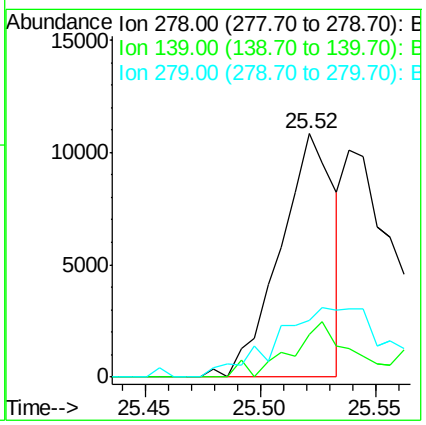


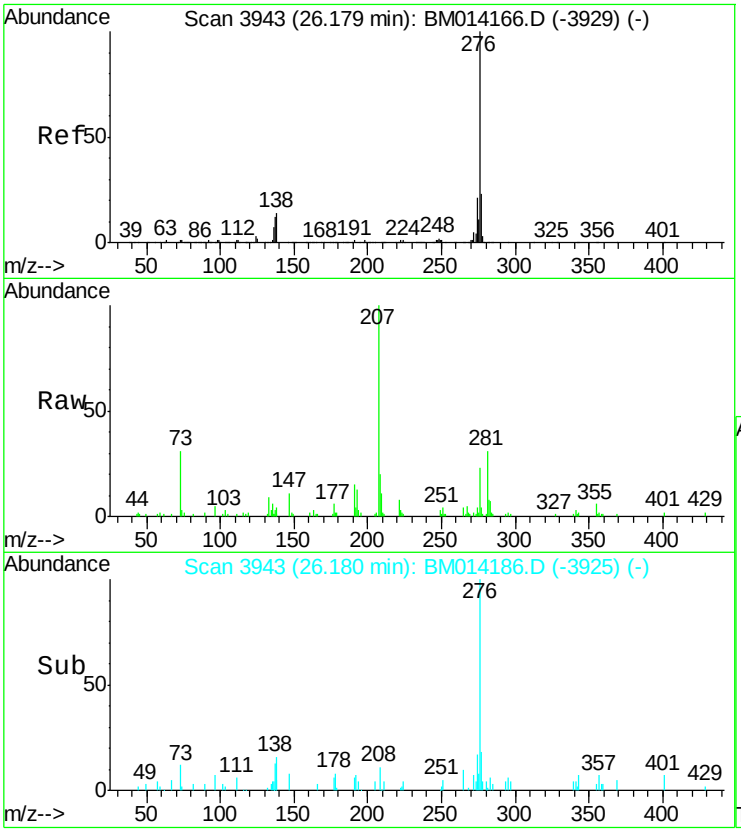


#90
Dibenzo(a,h)anthracene
Concen: 0.741 ng
RT: 25.52 min Scan# 3831
Delta R.T. 0.00 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Tgt Ion:278 Resp: 17694

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.4	20.0
279	23.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 0.774 ng
RT: 26.18 min Scan# 3943
Delta R.T. 0.01 min
Lab File: BM014186.D
Acq: 08 Feb 2018 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 17282

Ion	Ratio	Lower	Upper
276	100		
277	17.8	18.5	27.7#
138	20.4	19.0	28.6