Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
Data File : BM017532.D
Acq On : 06 Nov 2018 18:18
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Nov 07 08:35:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	231670	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	1066986	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	671890	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1624833	20.00	ng	-0.02
76) Chrysene-d12	21.23	240	1967558	20.00	ng	-0.02
87) Perylene-d12	23.42	264	2000384	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1095020	79.94	ng	-0.02
7) Phenol-d6	6.82	99	1548899	83.03	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1633489	89.54	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	854031	93.99	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	4058376	80.37	ng	-0.02
79) Terphenyl-d14	19.67	244	7455318	85.41	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	257028	36.747	ng	# 81
3) Pyridine	3.62	79	663238	41.211	ng	# 81
4) n-Nitrosodimethylamine	3.54	42	288830	44.706	ng	# 63
6) Aniline	6.97	93	961559	41.209	ng	94
8) 2-Chlorophenol	7.20	128	658000	41.524	ng	96
9) Benzaldehyde	6.79	77	419733	35.287	ng	91
10) Phenol	6.84	94	808717	40.280	ng	96
11) bis(2-Chloroethyl)ether	7.07	93	649498	40.581	ng	97
12) 1,3-Dichlorobenzene	7.52	146	738965	40.004	ng	97
13) 1,4-Dichlorobenzene	7.66	146	753982	39.950	ng	96
14) 1,2-Dichlorobenzene	7.97	146	727443	40.005	ng	99
15) Benzyl Alcohol	7.87	79	648798	47.580	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.16	45	972066	43.472	ng	98
17) 2-Methylphenol	8.07	107	553782	42.972	ng	96
18) Hexachloroethane	8.69	117	274819	42.550	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	578092	47.062	ng	94
20) 3+4-Methylphenols	8.40	107	788478	44.734	ng	97
22) Acetophenone	8.45	105	1085665	40.140	ng	97
24) Nitrobenzene	8.82	77	824301	42.715	ng	91
25) Isophorone	9.35	82	1349631	44.800	ng	97
26) 2-Nitrophenol	9.53	139	400056	44.736	ng	94
27) 2,4-Dimethylphenol	9.59	122	562124	42.199	ng	99
28) bis(2-Chloroethoxy)methane	9.83	93	914113	43.111	ng	98
29) 2,4-Dichlorophenol	10.05	162	682259	44.112	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	750191	40.433	ng	98
31) Naphthalene	10.45	128	2104876	40.255	ng	100
32) Benzoic acid	9.76	122	511156	51.428	ng	93
33) 4-Chloroaniline	10.57	127	967745	42.853	ng	96
34) Hexachlorobutadiene	10.73	225	467502	39.767	ng	98
35) Caprolactam	11.38	113	254980	45.237	ng	96
36) 4-Chloro-3-methylphenol	11.70	107	796400	45.681	ng	99
37) 2-Methylnaphthalene	12.07	142	1540922	43.065	ng	98
38) 1-Methylnaphthalene	12.29	142	1504325	43.196	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	938959	39.683	ng	99

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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Nov 07 08:35:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	514723	44.998	ng	99
43) 2,4,6-Trichlorophenol	12.69	196	606907	44.185	ng	100
44) 2,4,5-Trichlorophenol	12.76	196	643742	43.705	ng	97
46) 1,1'-Biphenyl	13.10	154	2407122	39.811	ng	99
47) 2-Chloronaphthalene	13.14	162	1768153	39.751	ng	100
48) 2-Nitroaniline	13.36	65	566981	45.460	ng	98
49) Acenaphthylene	13.99	152	2721454	42.209	ng	99
50) Dimethylphthalate	13.75	163	2280050	43.985	ng	100
51) 2,6-Dinitrotoluene	13.86	165	513039	44.968	ng	93
52) Acenaphthene	14.34	154	1657549	40.945	ng	98
53) 3-Nitroaniline	14.20	138	547373	44.298	ng	94
54) 2,4-Dinitrophenol	14.40	184	294116	47.651	ng	97
55) Dibenzofuran	14.67	168	2728782	40.534	ng	98
56) 4-Nitrophenol	14.51	139	440085	41.491	ng	90
57) 2,4-Dinitrotoluene	14.66	165	727684	47.455	ng	91
58) Fluorene	15.33	166	2146019	43.068	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	612629	45.630	ng	97
60) Diethylphthalate	15.12	149	2411060	46.901	ng	99
61) 4-Chlorophenyl-phenylether	15.33	204	1215583	42.791	ng	98
62) 4-Nitroaniline	15.37	138	551641	40.796	ng	96
63) Azobenzene	15.62	77	2315644	46.344	ng	94
65) 4,6-Dinitro-2-methylphenol	15.42	198	479929	46.289	ng	94
66) n-Nitrosodiphenylamine	15.55	169	2072008	42.149	ng	98
67) 4-Bromophenyl-phenylether	16.22	248	778667	43.645	ng	96
68) Hexachlorobenzene	16.33	284	875898	42.265	ng	99
69) Atrazine	16.51	200	758105	43.088	ng	97
70) Pentachlorophenol	16.68	266	632386	44.545	ng	99
71) Phenanthrene	17.07	178	3540594	40.388	ng	99
72) Anthracene	17.16	178	3496732	41.979	ng	99
73) Carbazole	17.44	167	3646121	42.851	ng	100
74) Di-n-butylphthalate	18.00	149	4427553	49.335	ng	99
75) Fluoranthene	19.09	202	4313866	43.731	ng	99
77) Benzidine	19.29	184	2261919	45.338	ng	98
78) Pyrene	19.46	202	4517296	41.078	ng	100
80) Butylbenzylphthalate	20.37	149	2138485	50.640	ng	92
81) Benzo(a)anthracene	21.21	228	4577533	41.342	ng	100
82) 3,3'-Dichlorobenzidine	21.15	252	1911256	46.315	ng	99
83) Chrysene	21.26	228	4362108	39.803	ng	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	3235679	50.257	ng	99
85) Di-n-octyl phthalate	22.02	149	5455417	50.030	ng	98
86) Indeno(1,2,3-cd)pyrene	25.62	276	4788066	39.061	ng	100
88) Benzo(b)fluoranthene	22.77	252	4662849	42.634	ng	100
89) Benzo(k)fluoranthene	22.81	252	4400967	40.102	ng	99
90) Benzo(a)pyrene	23.33	252	4304356	41.451	ng	99
91) Dibenzo(a,h)anthracene	25.63	278	4110178	39.862	ng	100
92) Benzo(g,h,i)perylene	26.29	276	3895952	38.122	ng	99

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

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Acq On : 06 Nov 2018 18:18
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
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Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Nov 07 08:35:47 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
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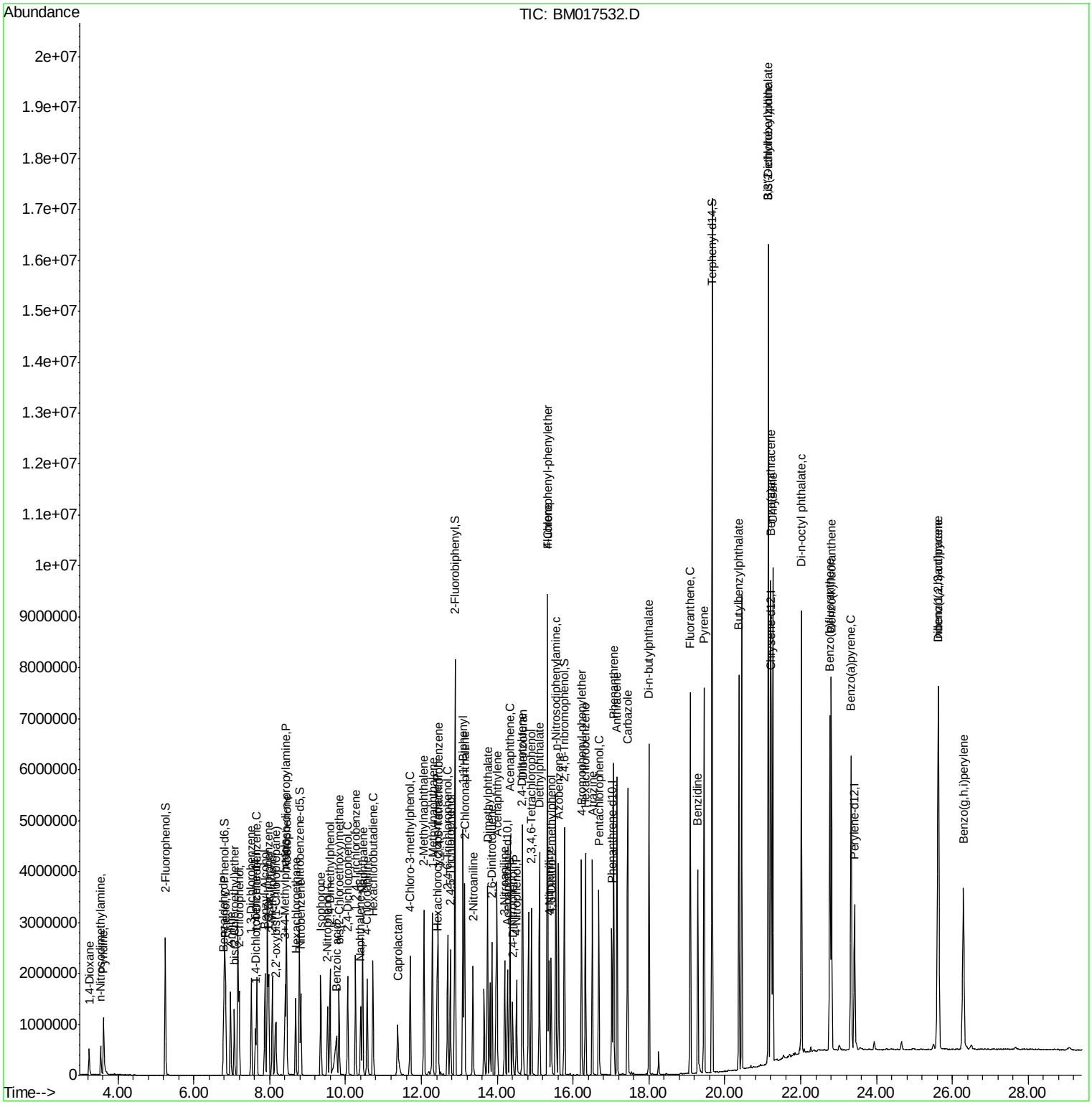
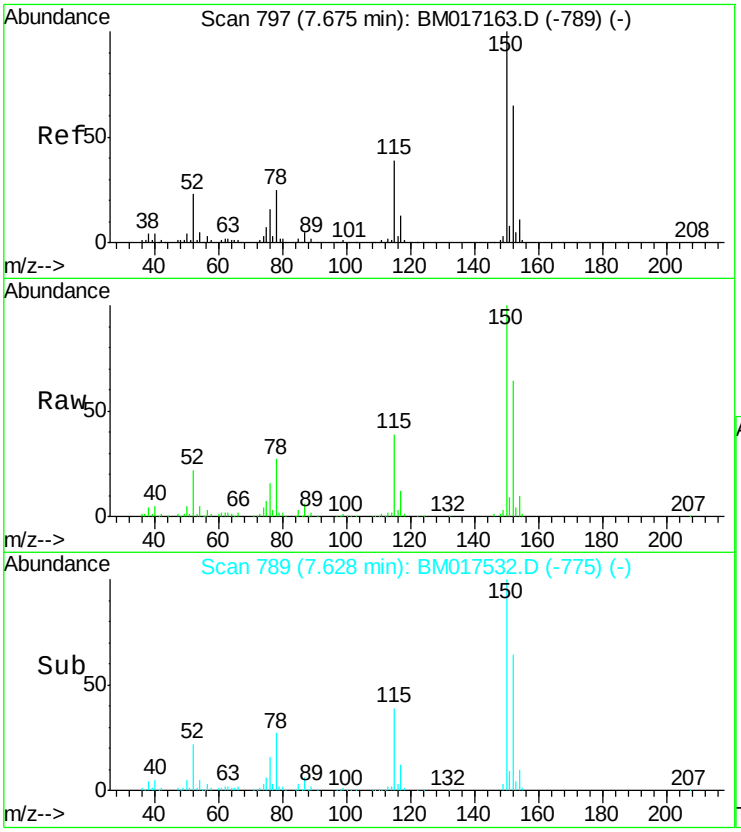


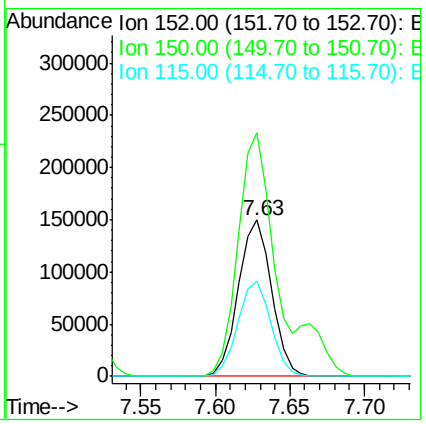


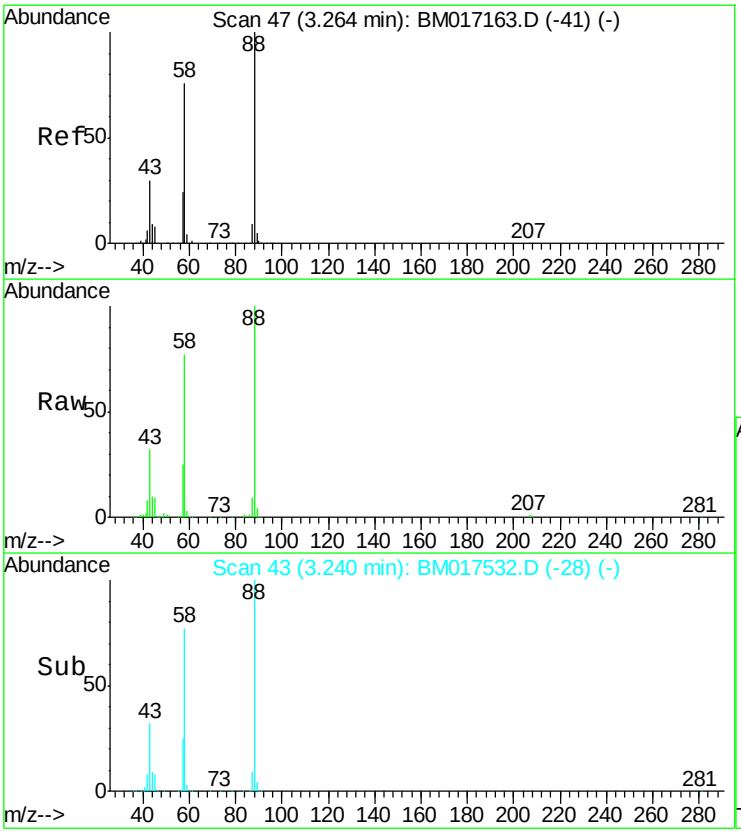
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 231670

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.3	186.5
115	60.8	48.1	72.1

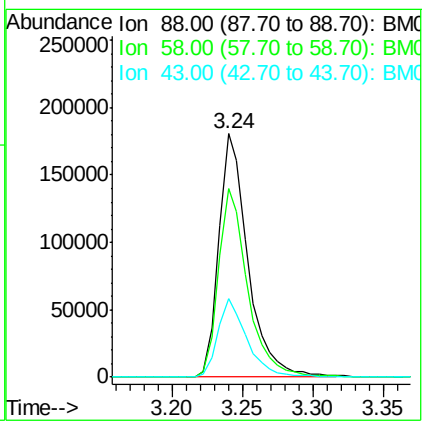


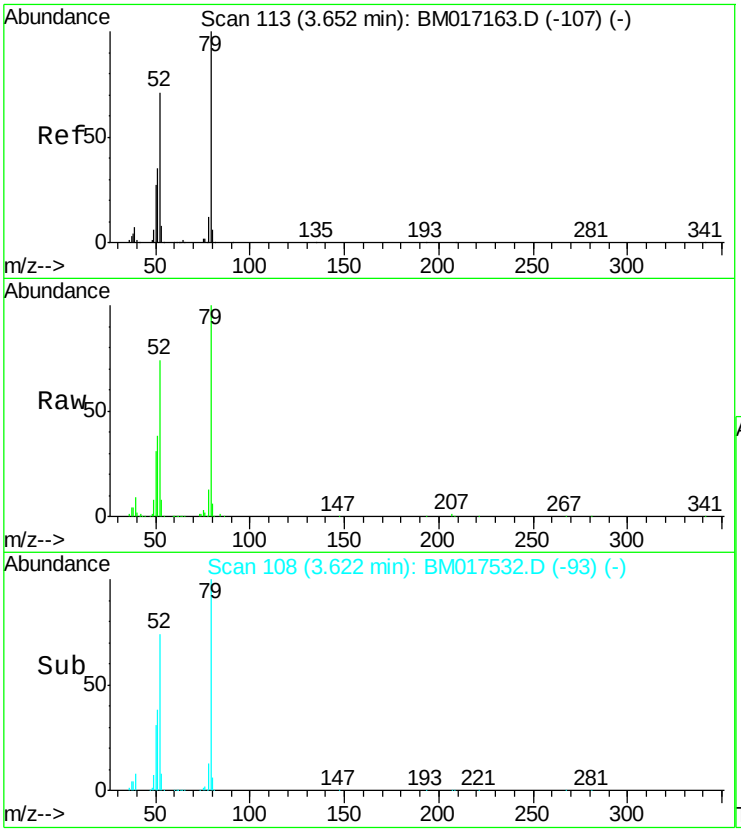


#2
1,4-Dioxane
Concen: 36.747 ng
RT: 3.24 min Scan# 43
Delta R.T. -0.01 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion: 88 Resp: 257028

Ion	Ratio	Lower	Upper
88	100		
58	78.0	50.2	75.4#
43	32.8	19.3	28.9#



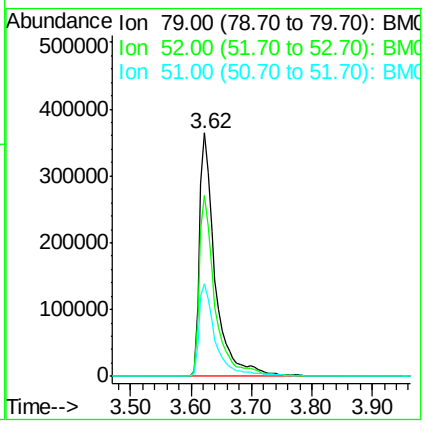


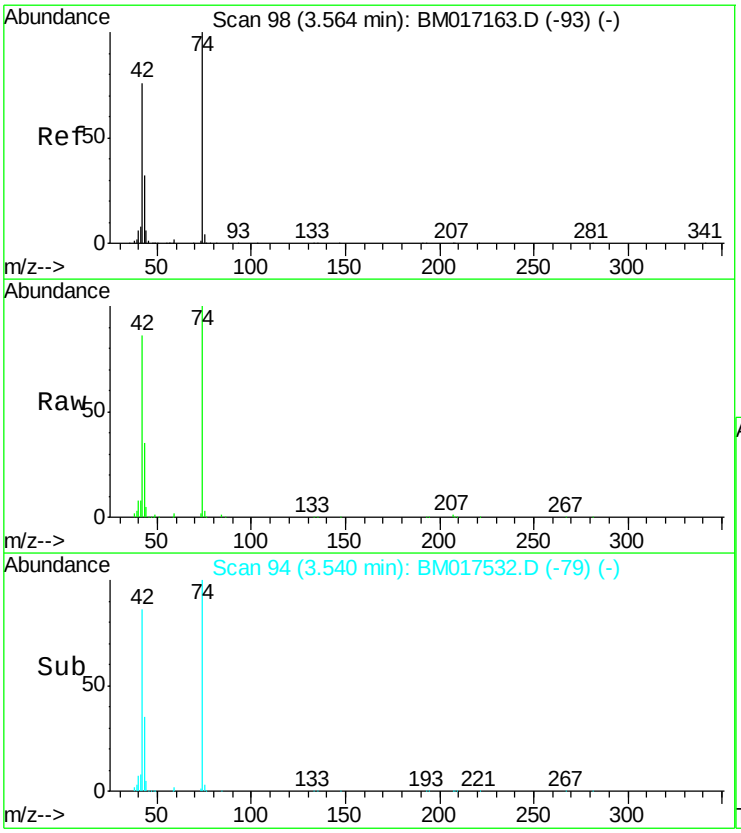
#3
Pyridine
Concen: 41.211 ng
RT: 3.62 min Scan# 108
Delta R.T. -0.01 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 663238

Ion	Ratio	Lower	Upper
79	100		
52	74.2	46.5	69.7#
51	37.9	24.6	37.0#

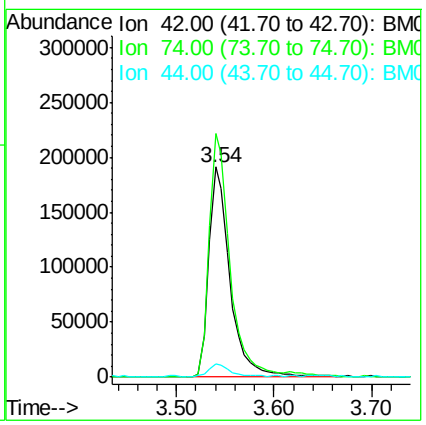


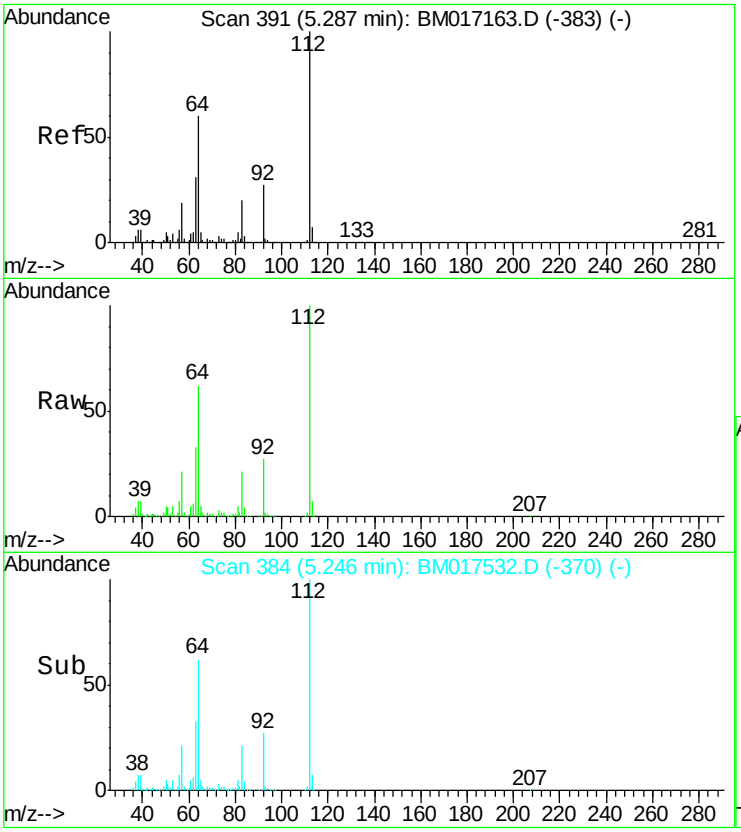


#4
n-Nitrosodimethylamine
Concen: 44.706 ng
RT: 3.54 min Scan# 94
Delta R.T. -0.01 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion: 42 Resp: 288830

Ion	Ratio	Lower	Upper
42	100		
74	115.8	114.4	171.6
44	6.3	48.6	73.0#



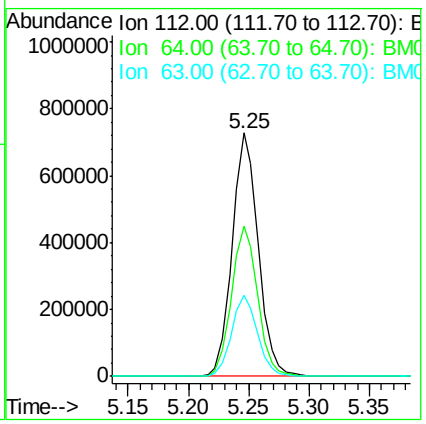


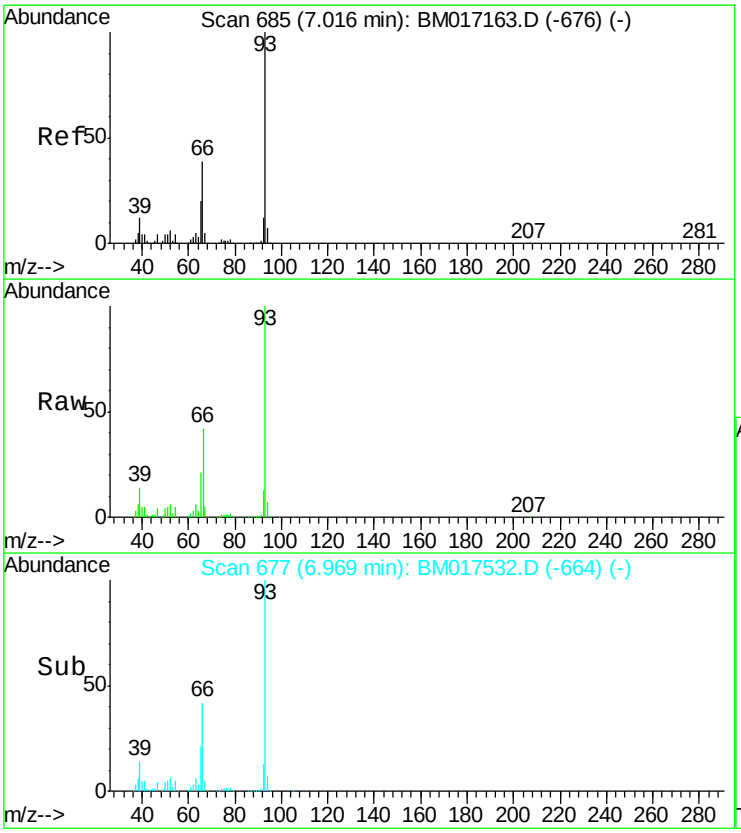
#5
2-Fluorophenol
Concen: 79.943 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1095020

Ion	Ratio	Lower	Upper
112	100		
64	61.8	41.7	62.5
63	33.4	23.0	34.4

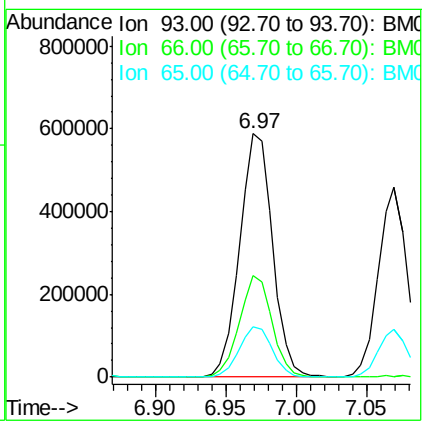


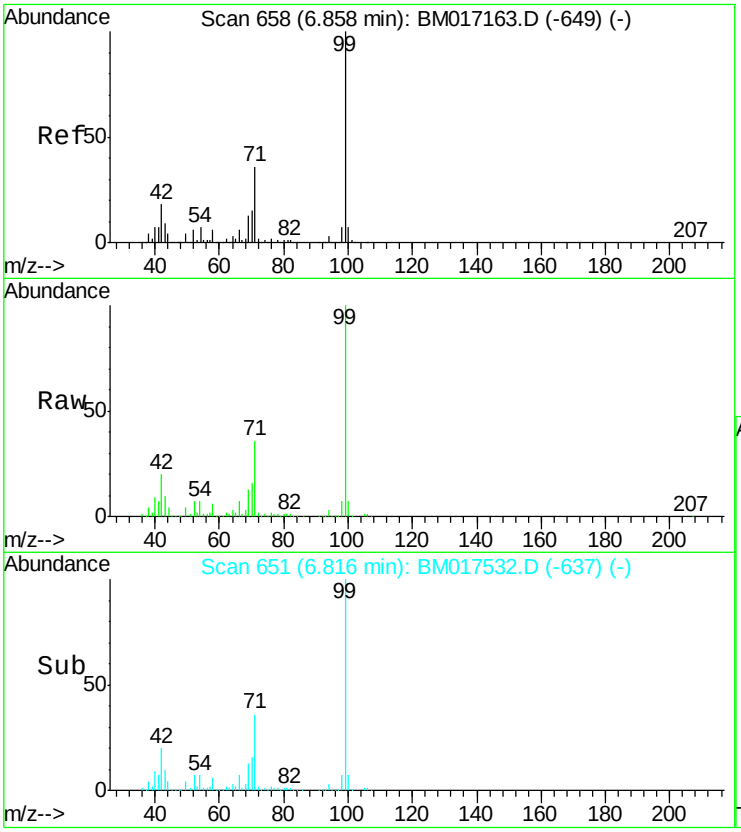


#6
Aniline
Concen: 41.209 ng
RT: 6.97 min Scan# 677
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion: 93 Resp: 961559

Ion	Ratio	Lower	Upper
93	100		
66	41.9	30.4	45.6
65	20.9	15.3	22.9



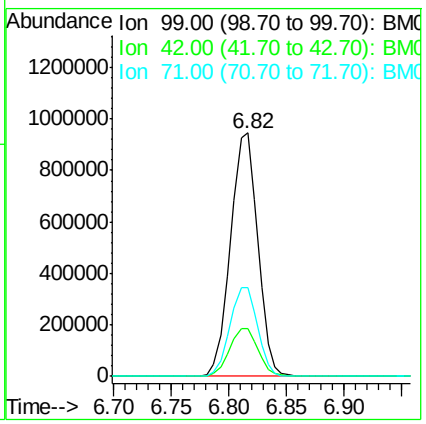


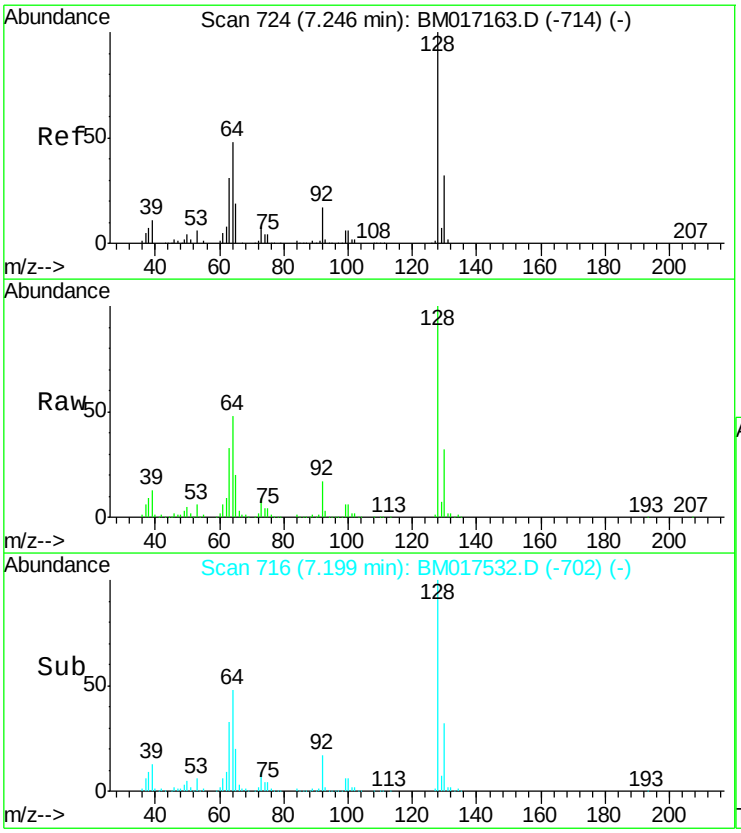
#7
Phenol-d6
Concen: 83.028 ng
RT: 6.82 min Scan# 651
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1548899

Ion	Ratio	Lower	Upper
99	100		
42	19.9	13.3	19.9
71	36.4	28.0	42.0

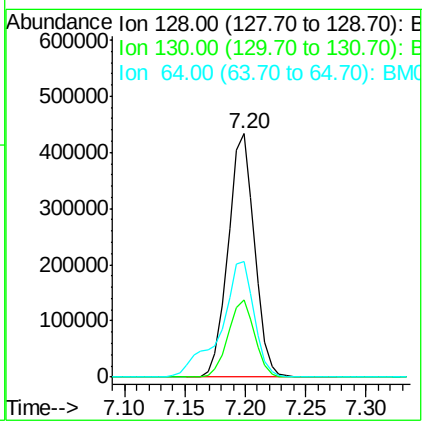


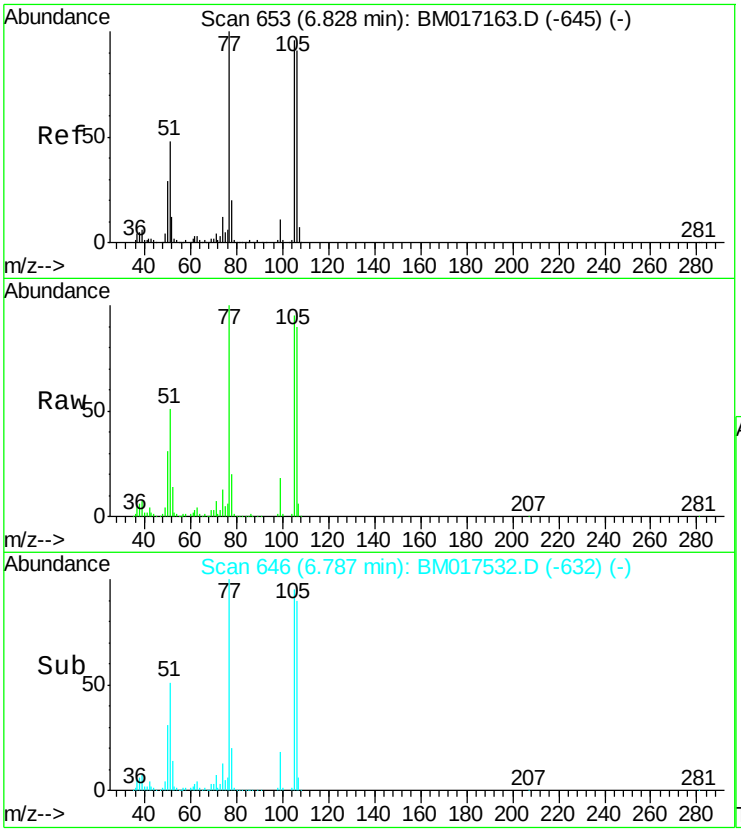


#8
2-Chlorophenol
Concen: 41.524 ng
RT: 7.20 min Scan# 716
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:128 Resp: 658000

Ion	Ratio	Lower	Upper
128	100		
130	31.6	11.0	51.0
64	47.6	24.1	64.1



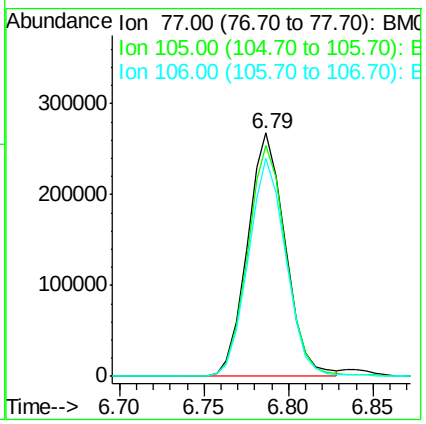


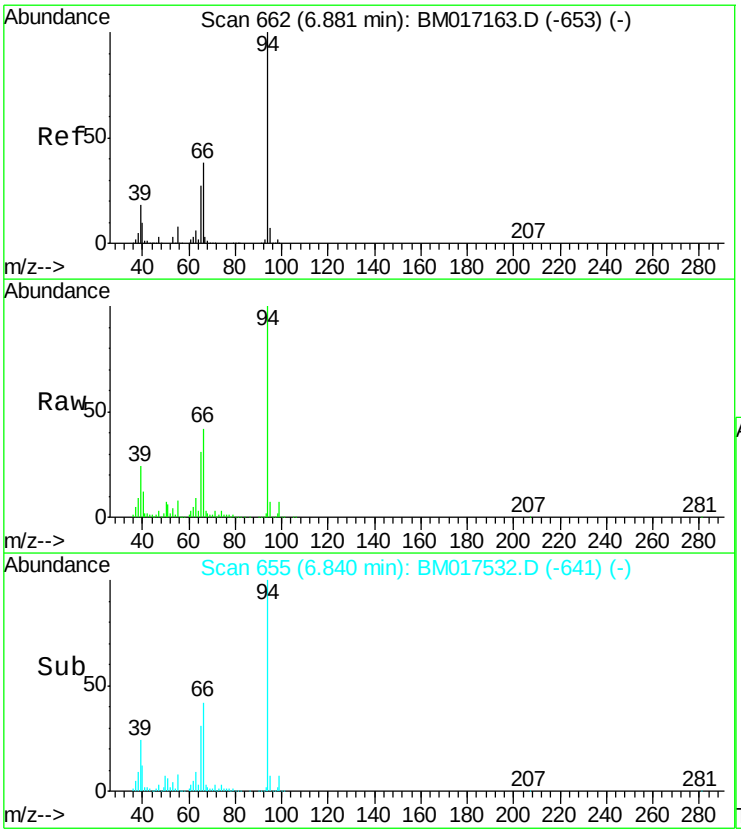
#9
Benzaldehyde
Concen: 35.287 ng
RT: 6.79 min Scan# 646
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 419733

Ion	Ratio	Lower	Upper
77	100		
105	94.6	83.9	123.9
106	89.8	78.2	118.2

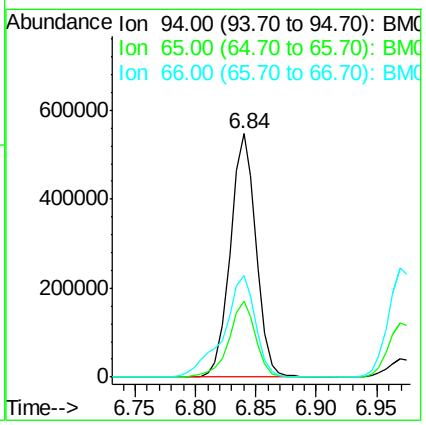


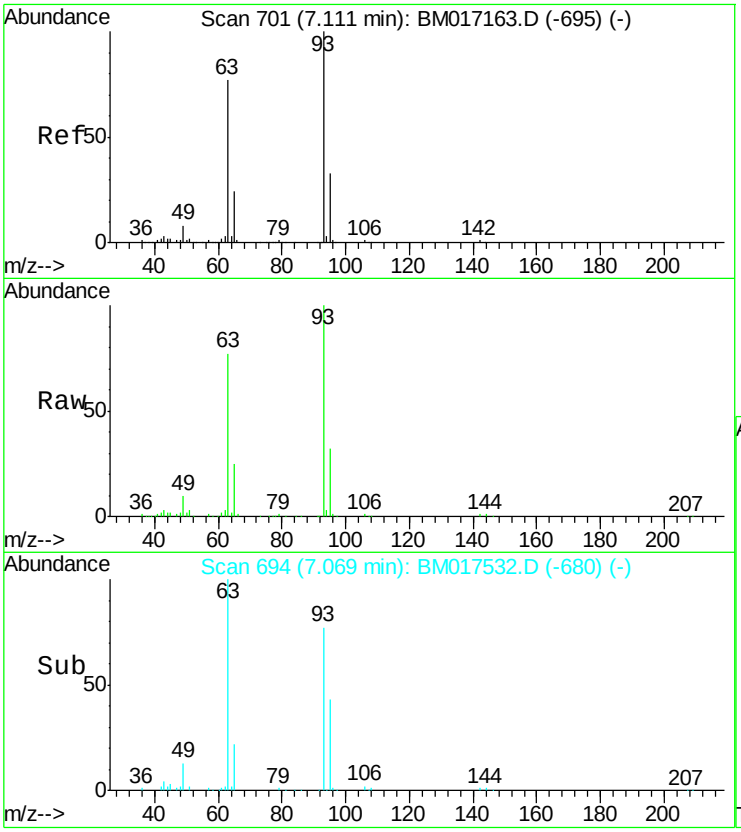


#10
Phenol
Concen: 40.280 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion: 94 Resp: 808717

Ion	Ratio	Lower	Upper
94	100		
65	30.9	9.4	49.4
66	41.8	19.0	59.0



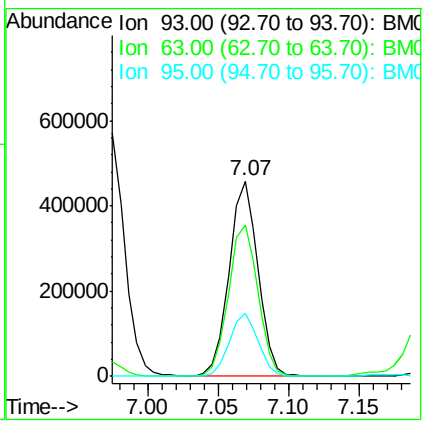


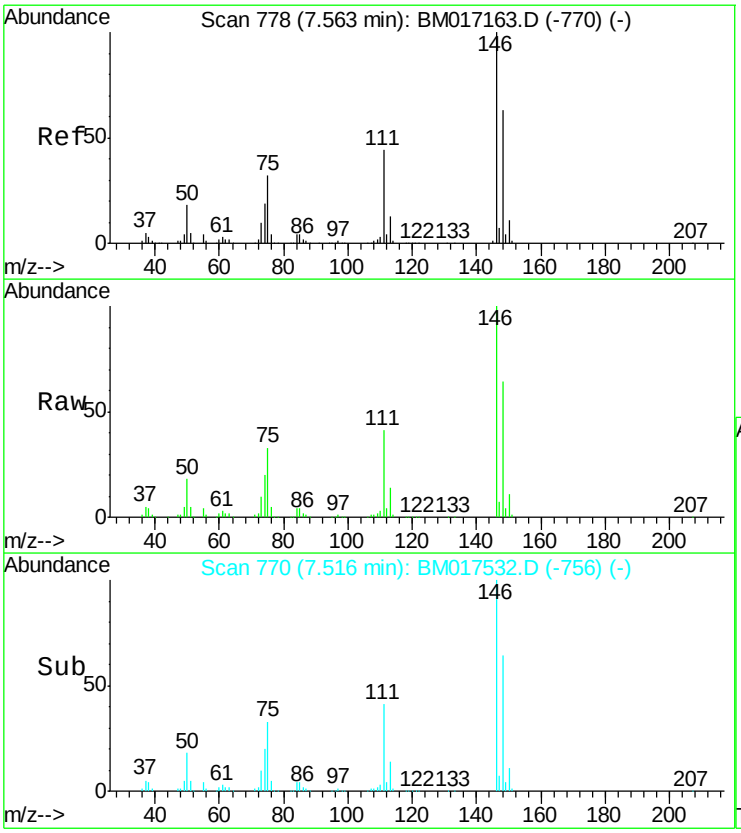
#11
bis(2-Chloroethyl)ether
Concen: 40.581 ng
RT: 7.07 min Scan# 694
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 649498

Ion	Ratio	Lower	Upper
93	100		
63	77.3	54.0	94.0
95	32.1	11.8	51.8

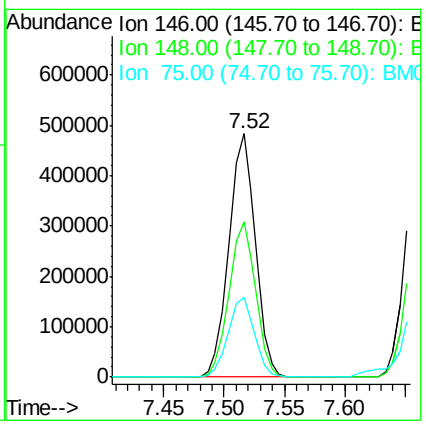


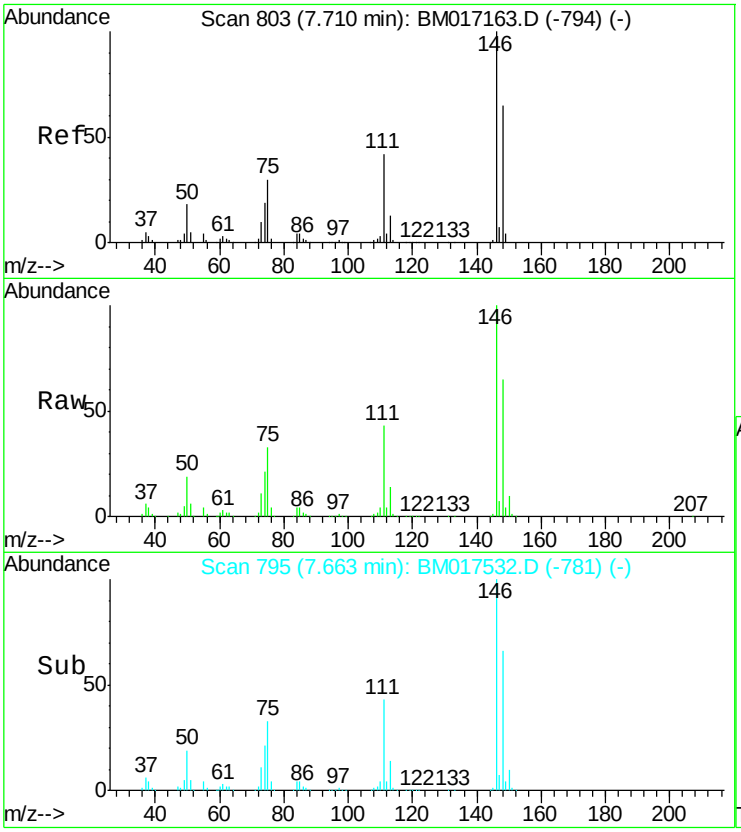


#12
1,3-Dichlorobenzene
Concen: 40.004 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:146 Resp: 738965

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.4
75	32.7	23.3	34.9



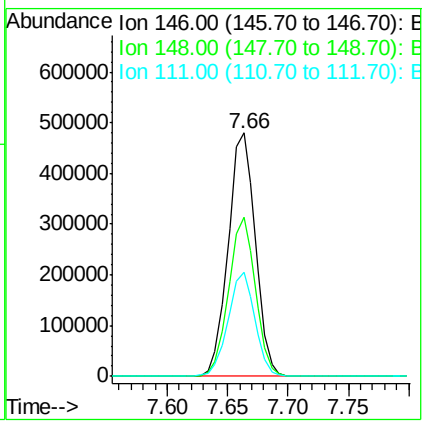


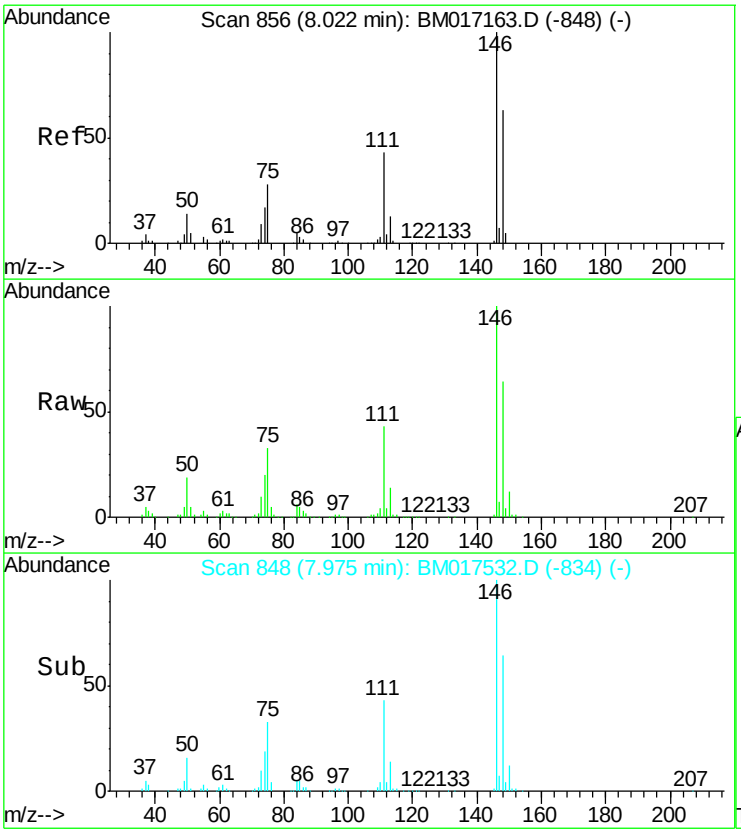
#13
1,4-Dichlorobenzene
Concen: 39.950 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 753982

Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.8	74.6
111	42.5	32.1	48.1

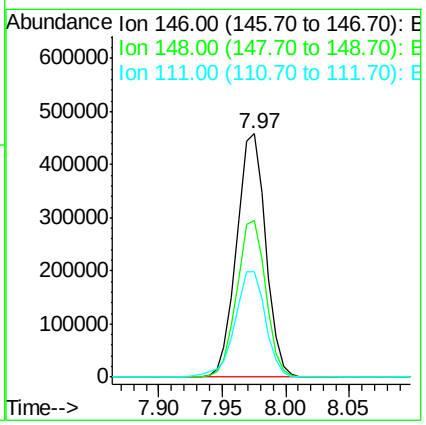


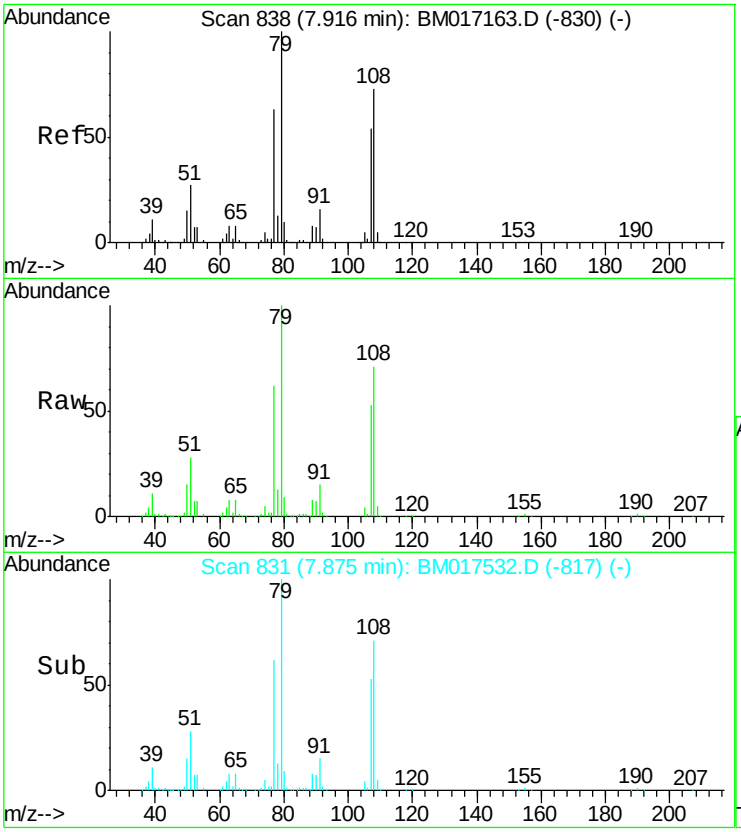


#14
1,2-Dichlorobenzene
Concen: 40.005 ng
RT: 7.97 min Scan# 848
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:146 Resp: 727443

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	43.4	33.8	50.6



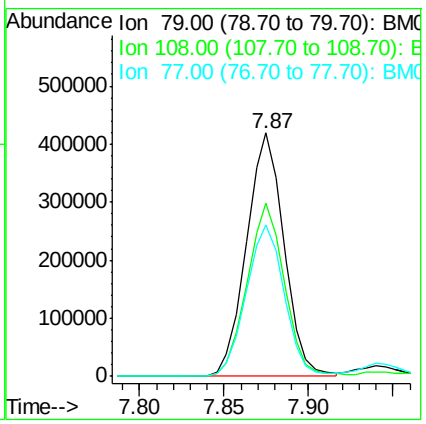


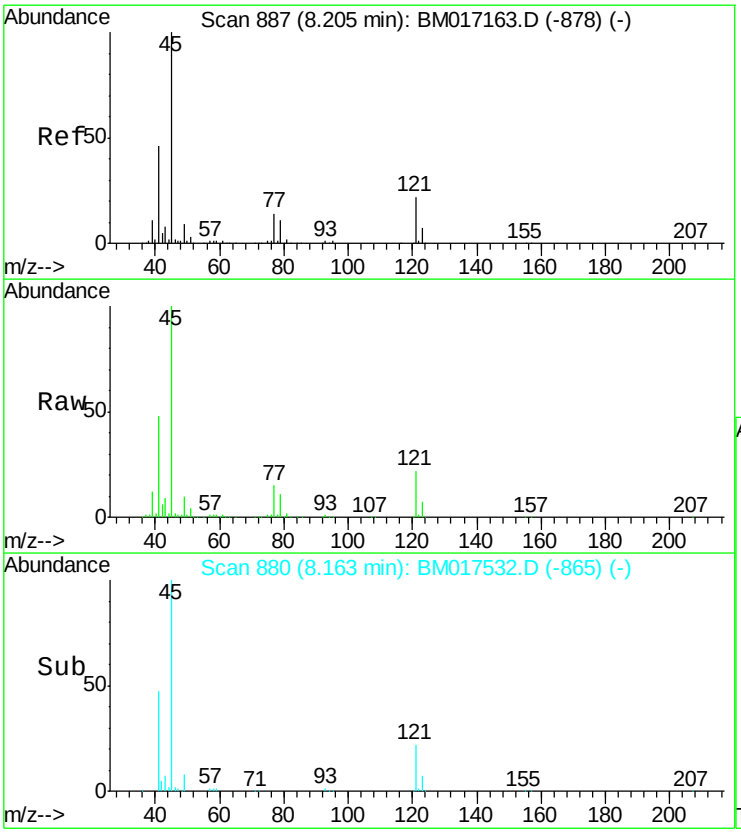
#15
Benzyl Alcohol
Concen: 47.580 ng
RT: 7.87 min Scan# 831
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 648798

Ion	Ratio	Lower	Upper
79	100		
108	71.1	60.3	90.5
77	62.3	54.8	82.2

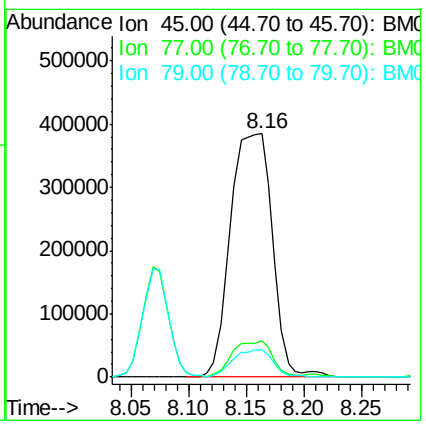


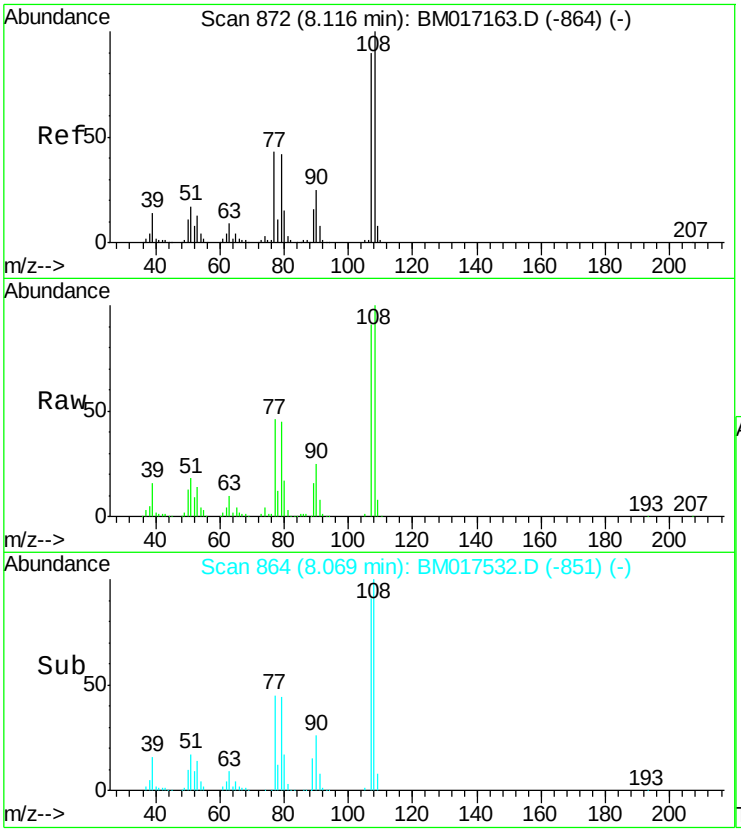


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.472 ng
RT: 8.16 min Scan# 880
Delta R.T. -0.01 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion: 45 Resp: 972066

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.5
79	11.4	0.0	32.1



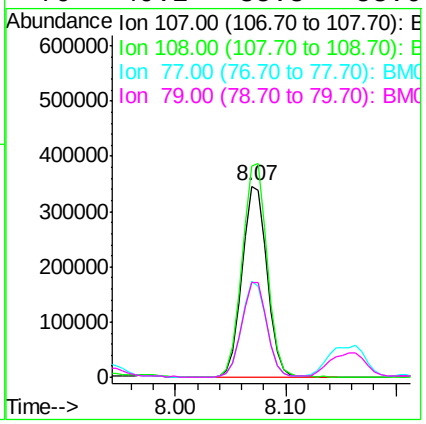


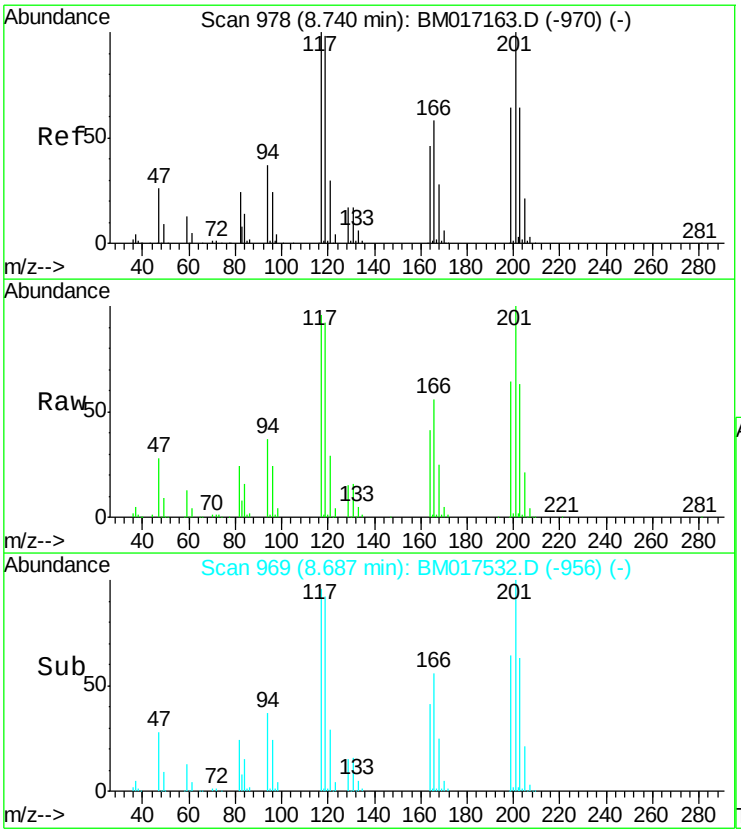
#17
2-Methylphenol
Concen: 42.972 ng
RT: 8.07 min Scan# 864
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 553782

Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.3	135.5
77	50.3	37.0	55.4
79	49.2	35.8	53.6

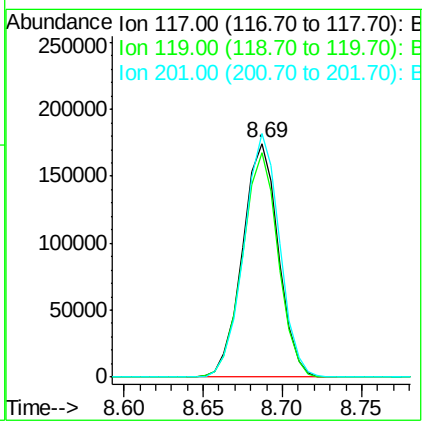


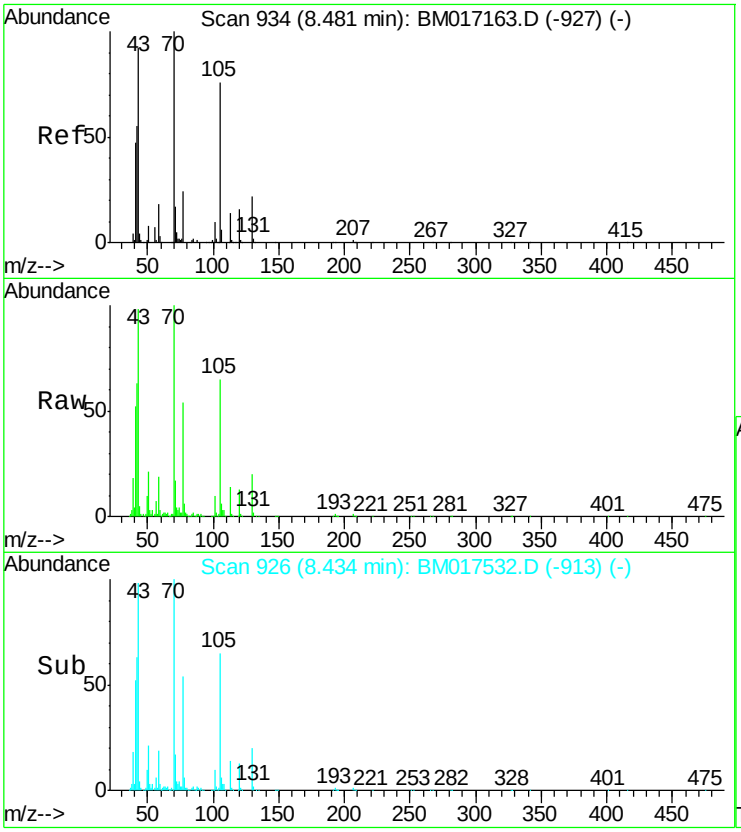


#18
Hexachloroethane
Concen: 42.550 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:117 Resp: 274819

Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.2
201	104.2	85.3	127.9



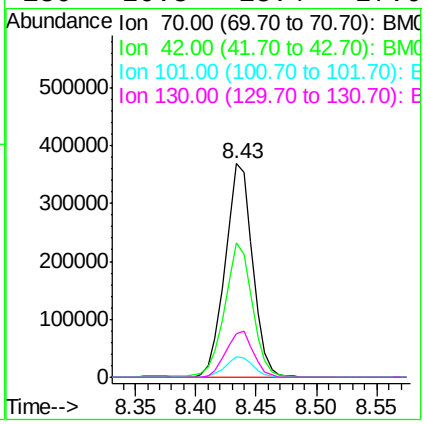


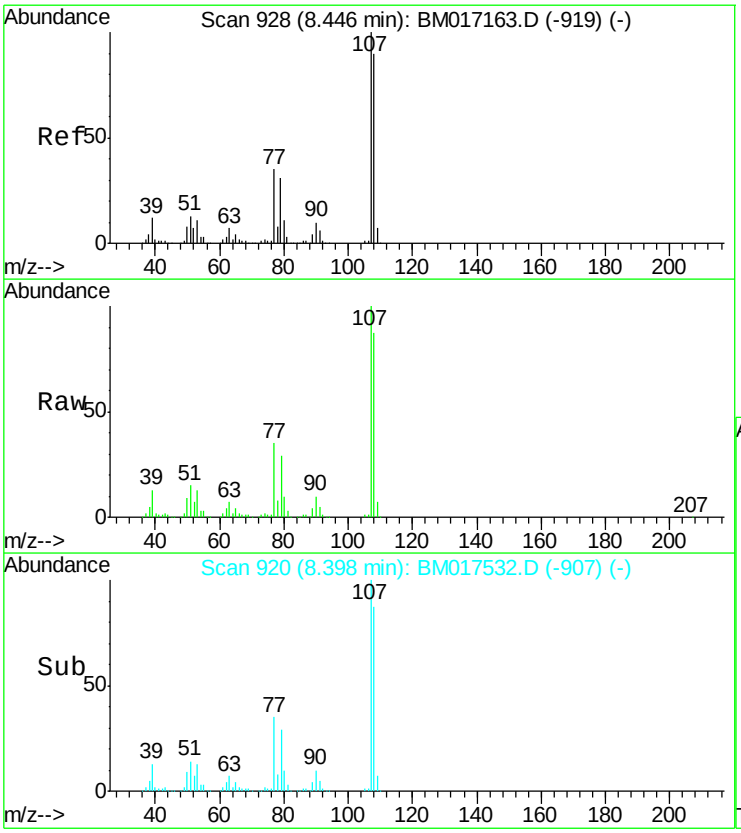
#19
n-Nitroso-di-n-propylamine
Concen: 47.062 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 578092

Ion	Ratio	Lower	Upper
70	100		
42	62.8	46.1	69.1
101	9.6	8.2	12.4
130	20.3	18.4	27.6

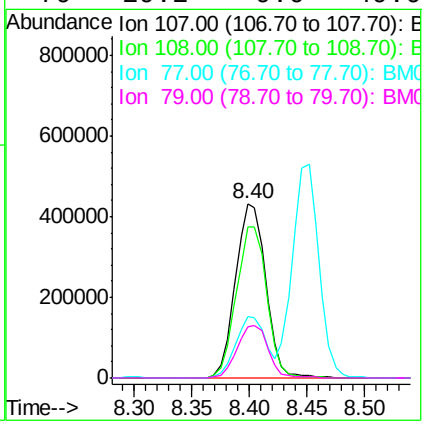


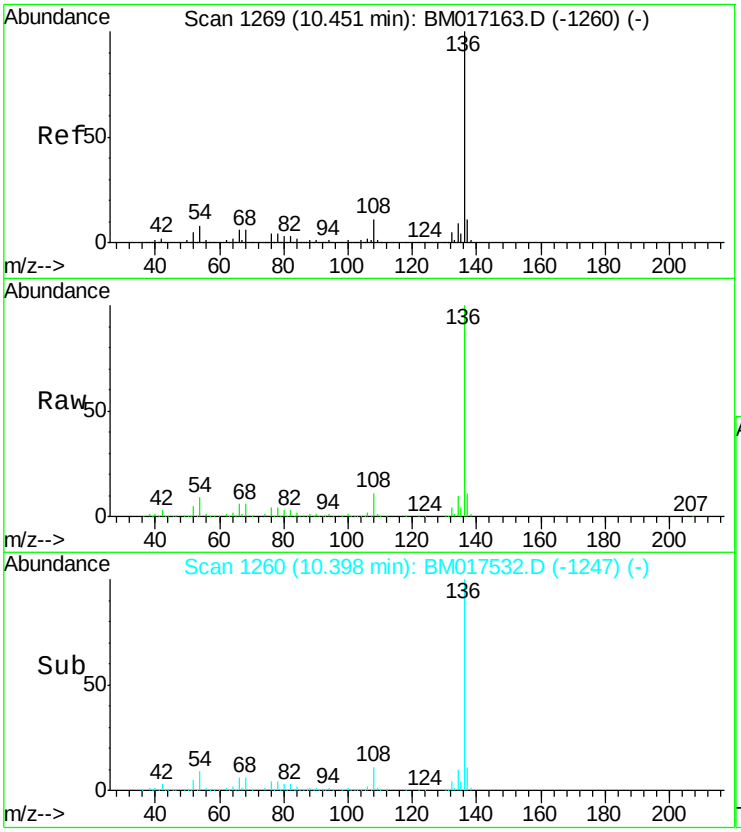


#20
3+4-Methylphenols
Concen: 44.734 ng
RT: 8.40 min Scan# 920
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:107 Resp: 788478

Ion	Ratio	Lower	Upper
107	100		
108	86.5	69.9	109.9
77	35.0	12.2	52.2
79	29.2	9.0	49.0



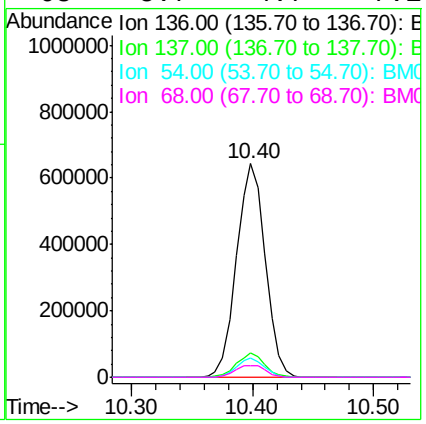


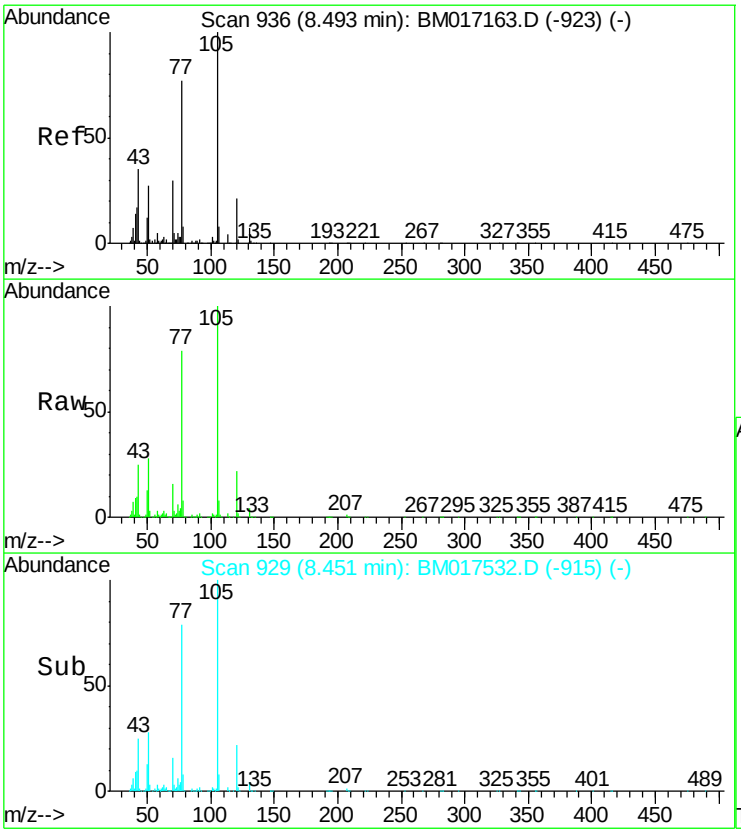
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1066986

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	9.1	6.7	10.1
68	5.7	4.7	7.1

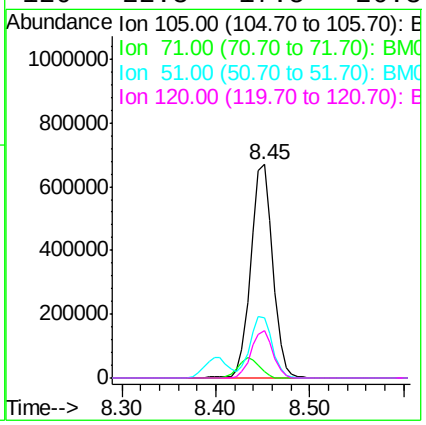


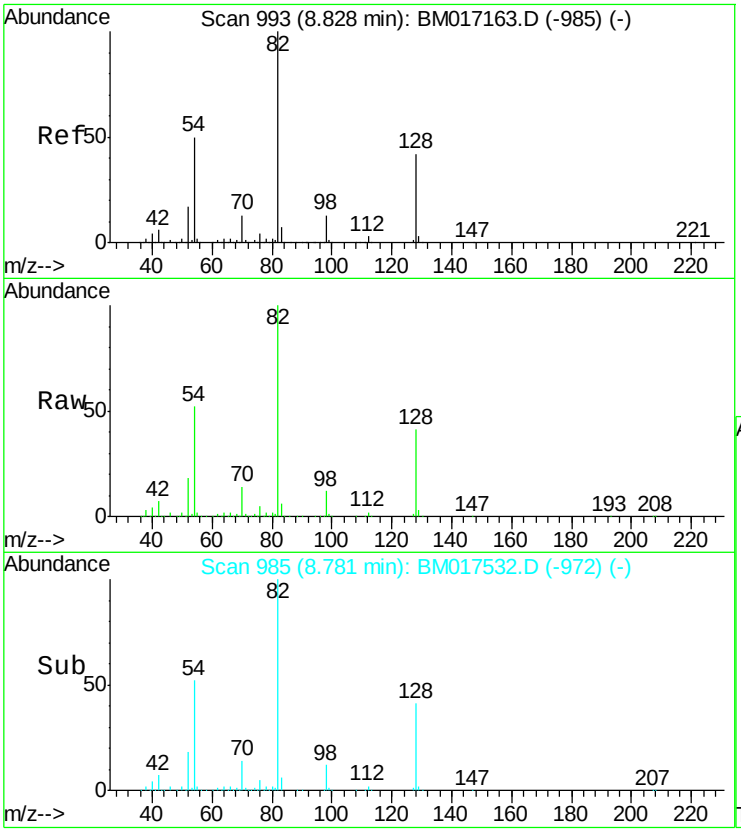


#22
Acetophenone
Concen: 40.140 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:105 Resp: 1085665

Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.0	3.0
51	28.5	20.6	31.0
120	22.3	17.5	26.3



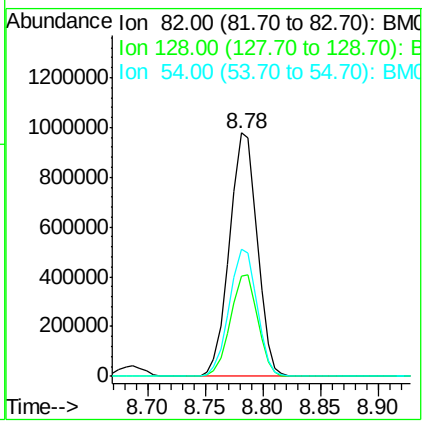


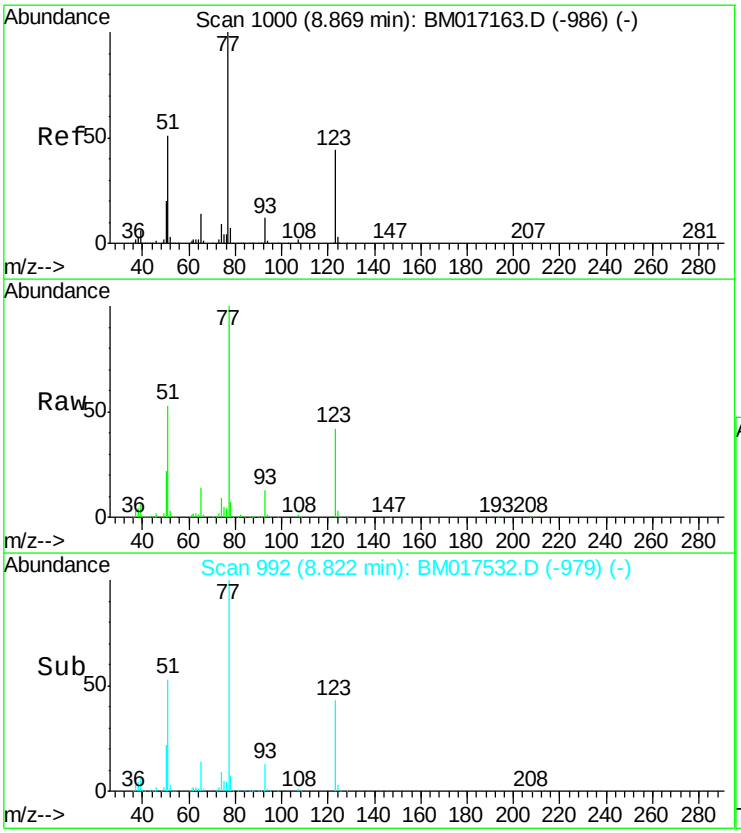
#23
Nitrobenzene-d5
Concen: 89.538 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1633489

Ion	Ratio	Lower	Upper
82	100		
128	41.0	37.0	55.6
54	52.0	40.7	61.1

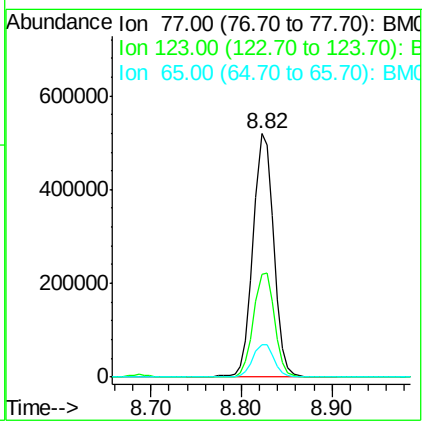


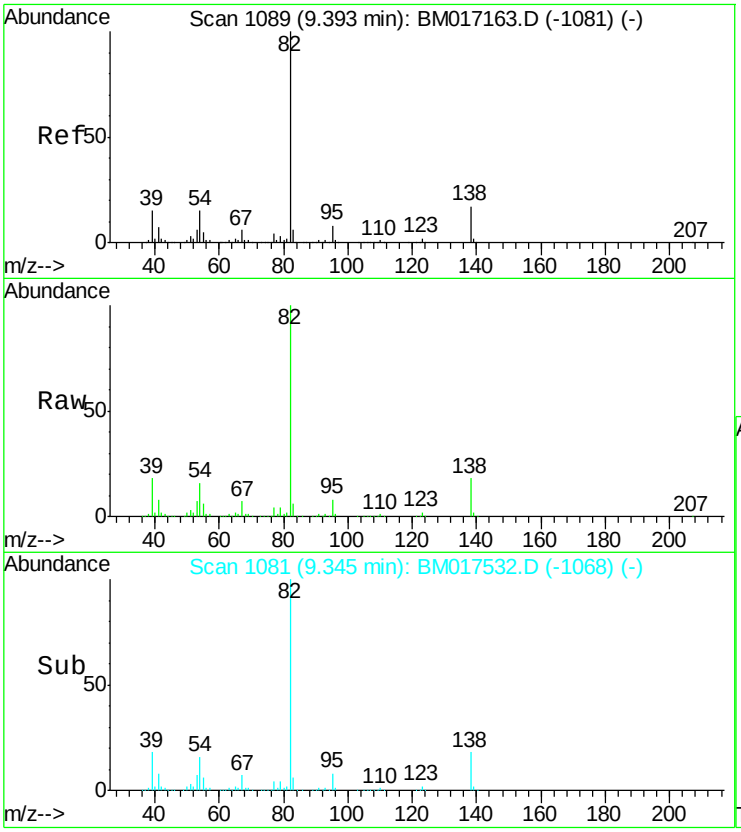


#24
Nitrobenzene
Concen: 42.715 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion: 77 Resp: 824301

Ion	Ratio	Lower	Upper
77	100		
123	42.5	40.2	60.4
65	13.5	11.4	17.0



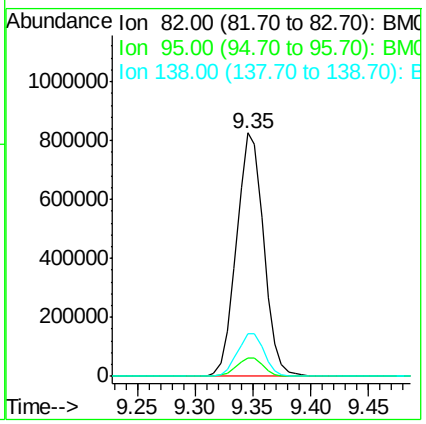


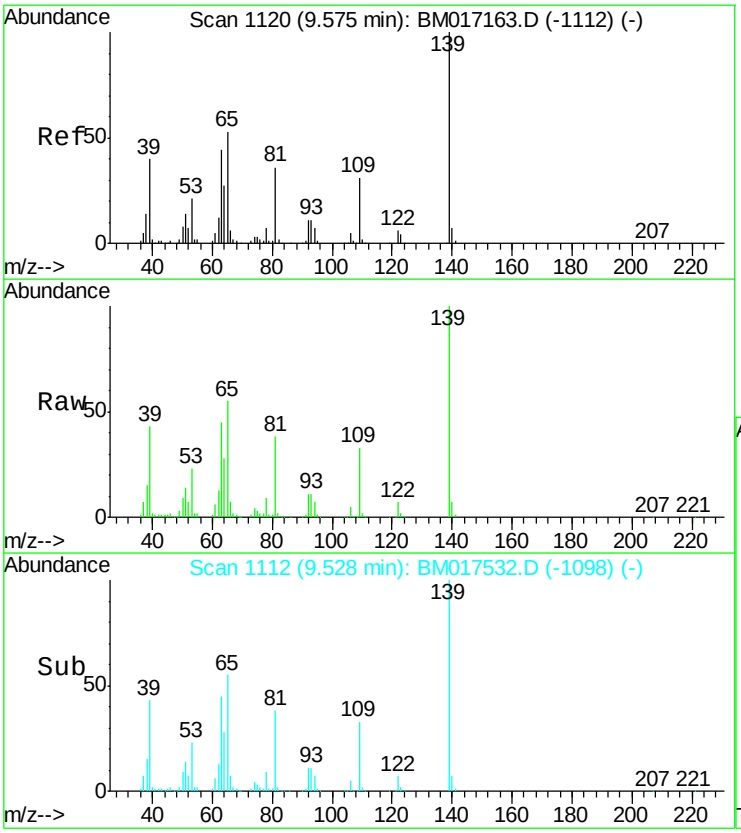
#25
Isophorone
Concen: 44.800 ng
RT: 9.35 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1349631

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.0	9.0
138	17.7	15.4	23.2

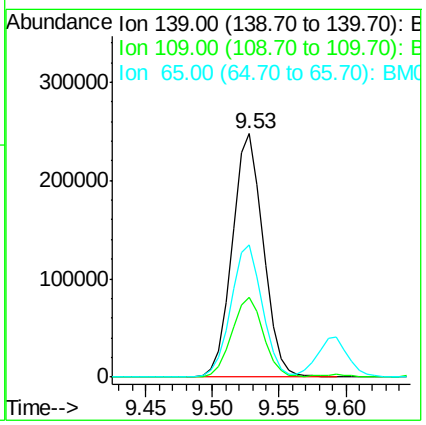


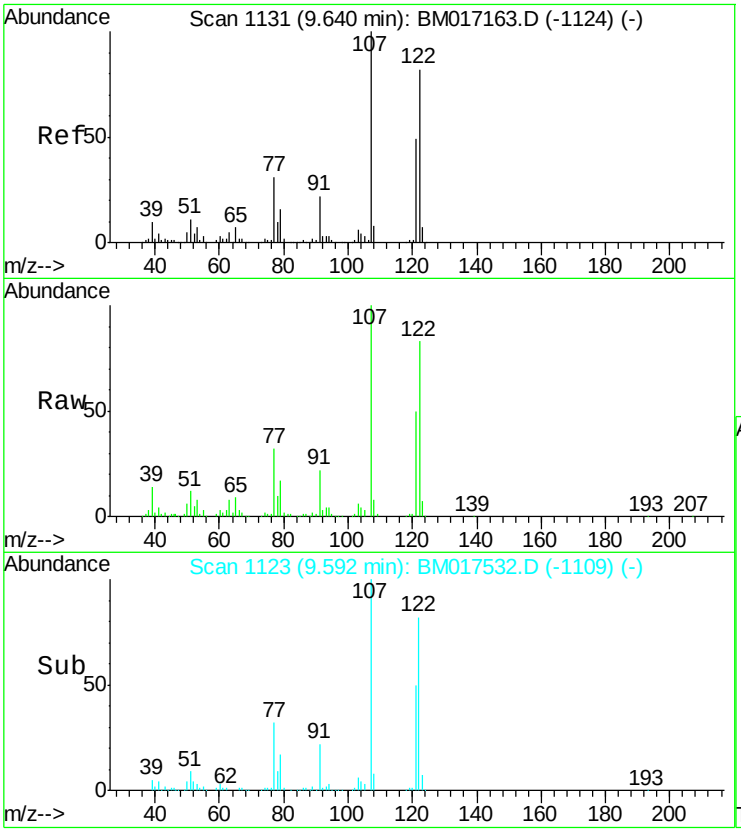


#26
2-Nitrophenol
Concen: 44.736 ng
RT: 9.53 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:139 Resp: 400056

Ion	Ratio	Lower	Upper
139	100		
109	32.6	23.2	34.8
65	54.5	40.6	61.0



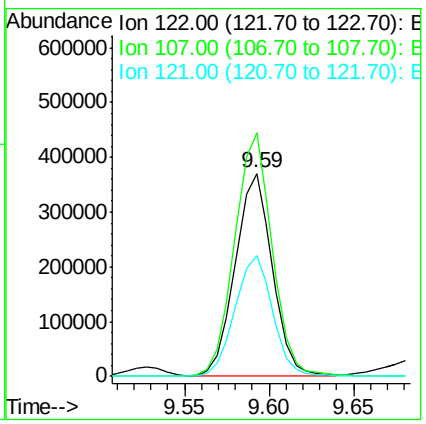


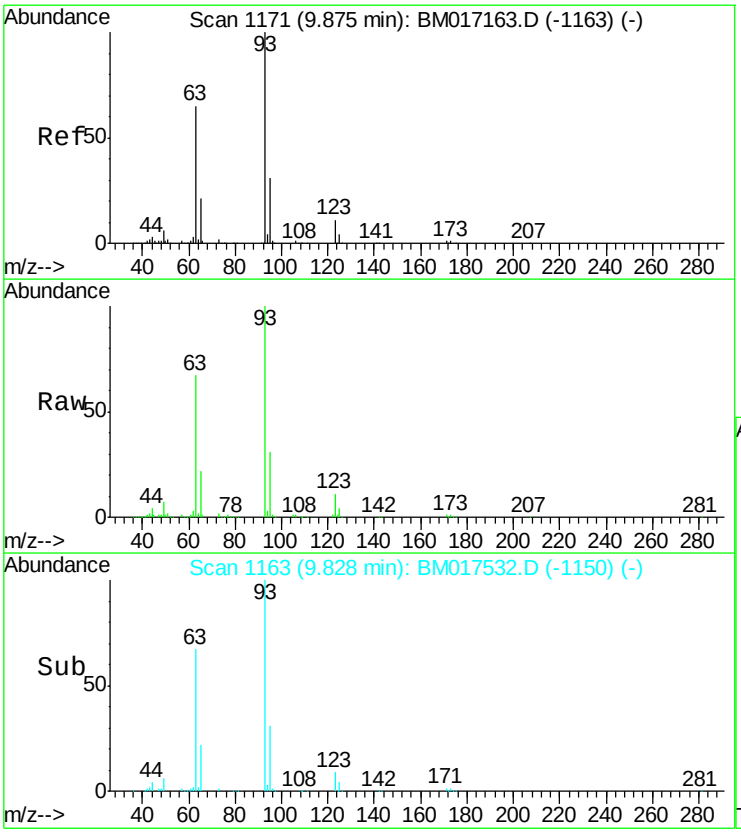
#27
2,4-Dimethylphenol
Concen: 42.199 ng
RT: 9.59 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 562124

Ion	Ratio	Lower	Upper
122	100		
107	119.8	95.0	142.6
121	59.5	48.2	72.4

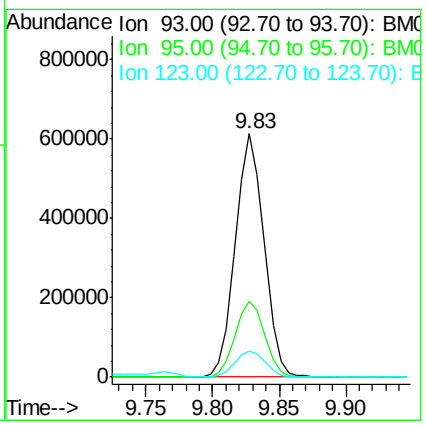


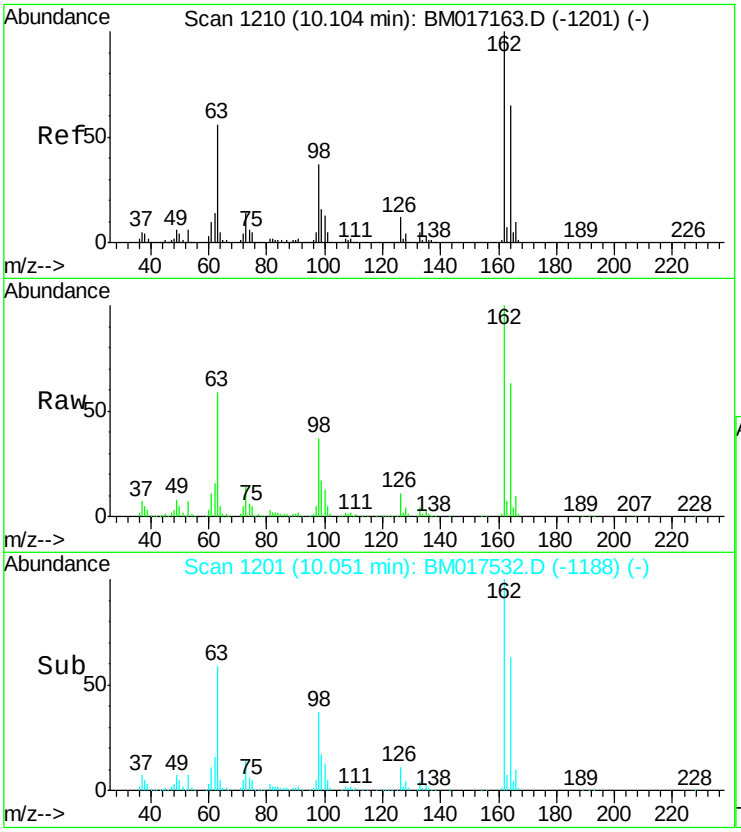


#28
bis(2-Chloroethoxy)methane
Concen: 43.111 ng
RT: 9.83 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion: 93 Resp: 914113

Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.7	38.5
123	10.9	9.4	14.0



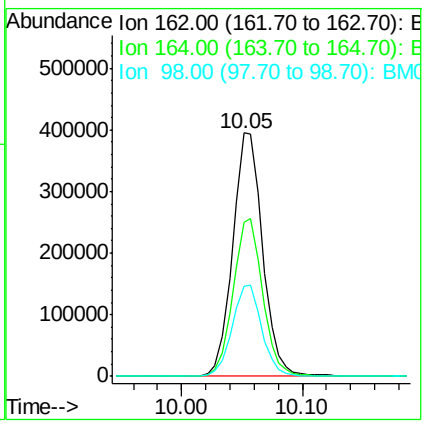


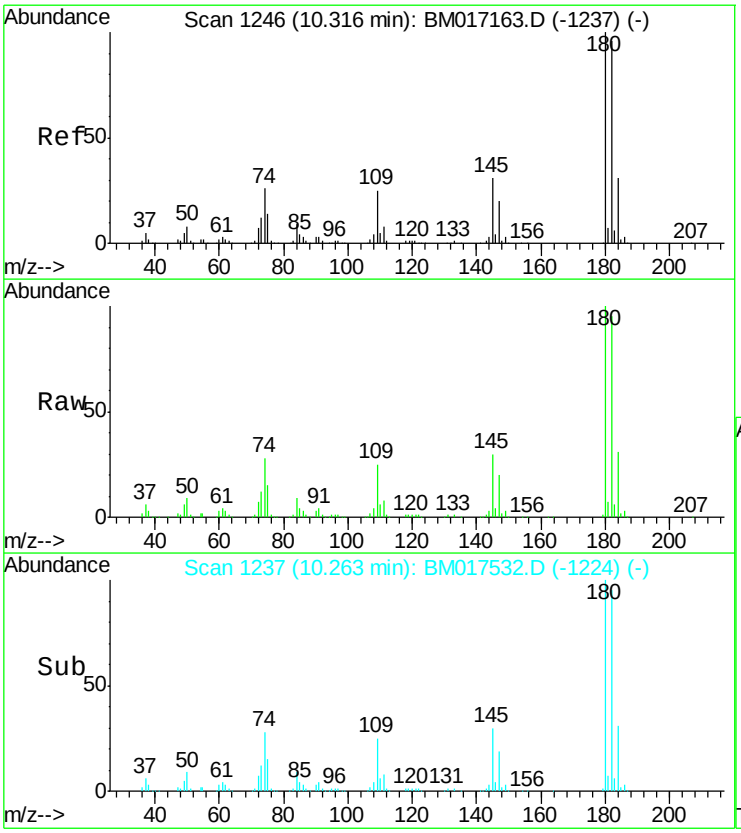
#29
2,4-Dichlorophenol
Concen: 44.112 ng
RT: 10.05 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 682259

Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.9	84.9
98	36.8	15.8	55.8

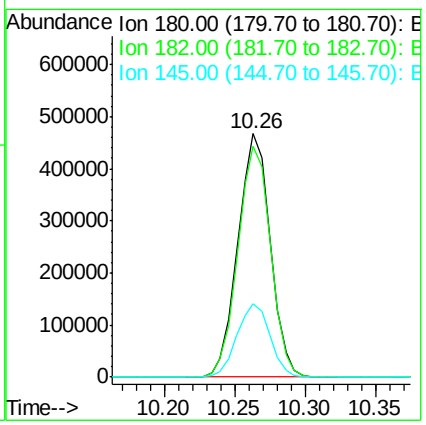


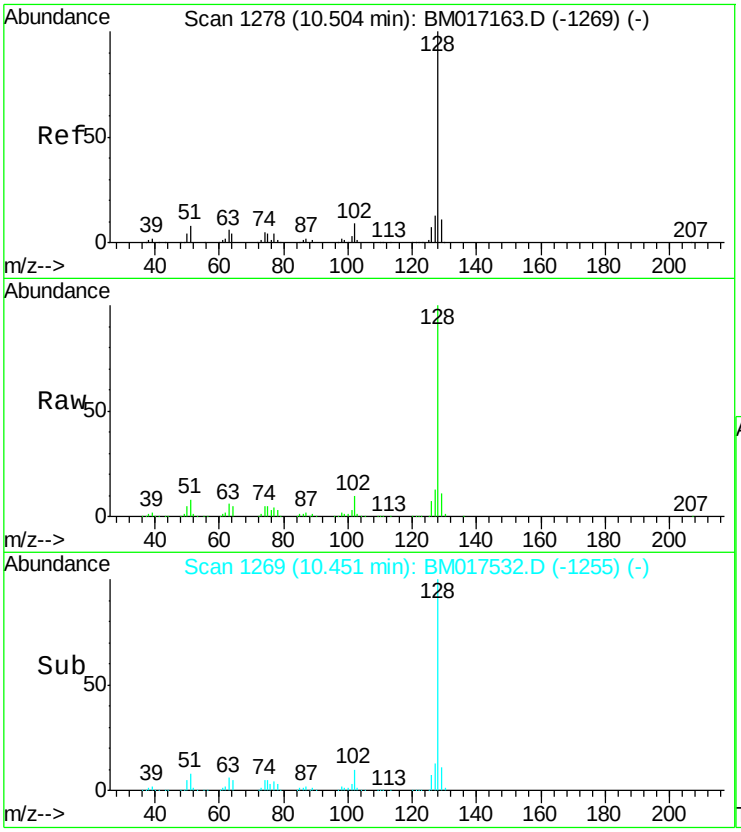


#30
1,2,4-Trichlorobenzene
Concen: 40.433 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:180 Resp: 750191

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.5	116.3
145	30.2	24.0	36.0



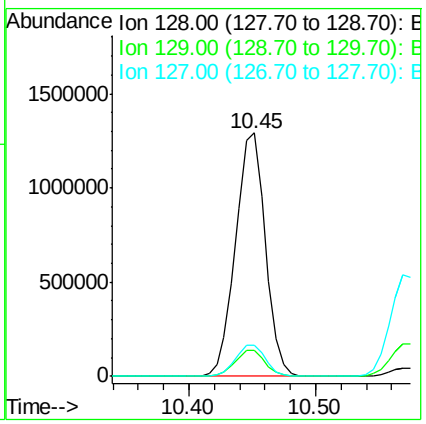


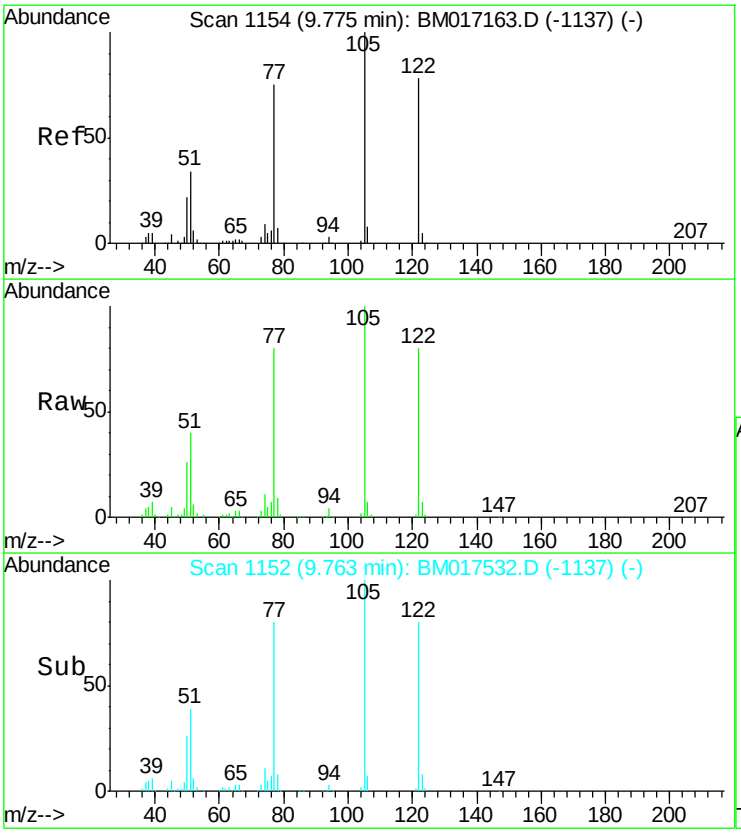
#31
Naphthalene
Concen: 40.255 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2104876

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	12.8	10.3	15.5

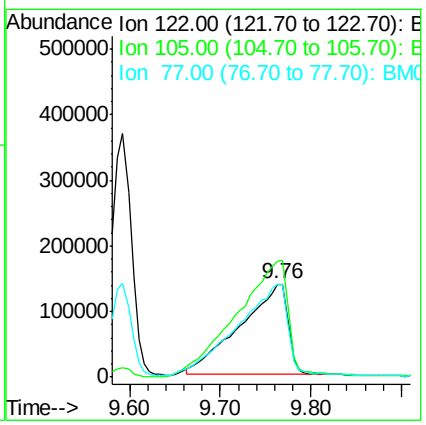


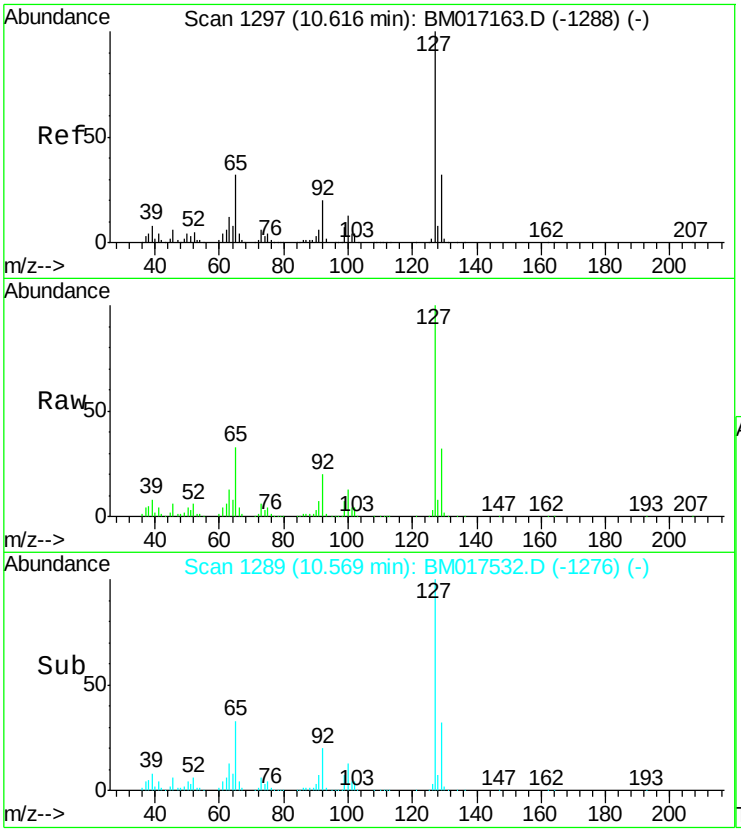


#32
Benzoic acid
Concen: 51.428 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:122 Resp: 511156

Ion	Ratio	Lower	Upper
122	100		
105	124.6	102.0	142.0
77	100.1	67.7	107.7



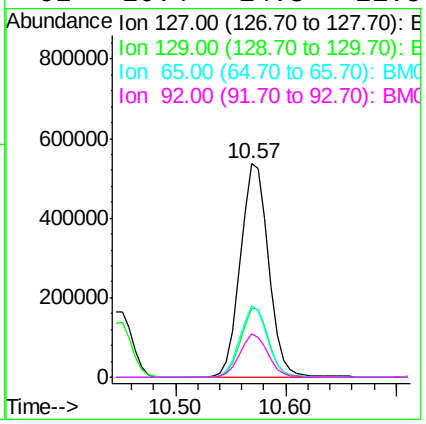


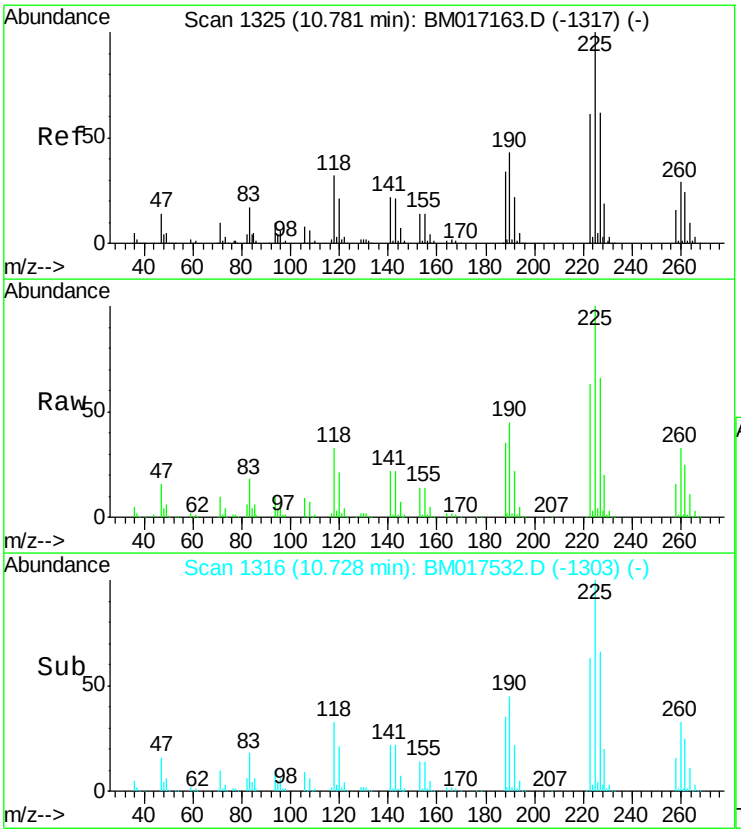
#33
4-Chloroaniline
Concen: 42.853 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 967745

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	33.3	23.7	35.5
92	20.4	14.3	21.5

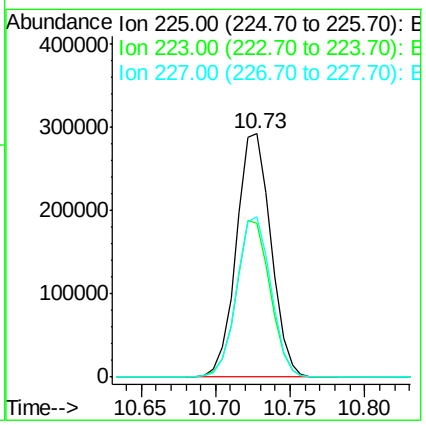


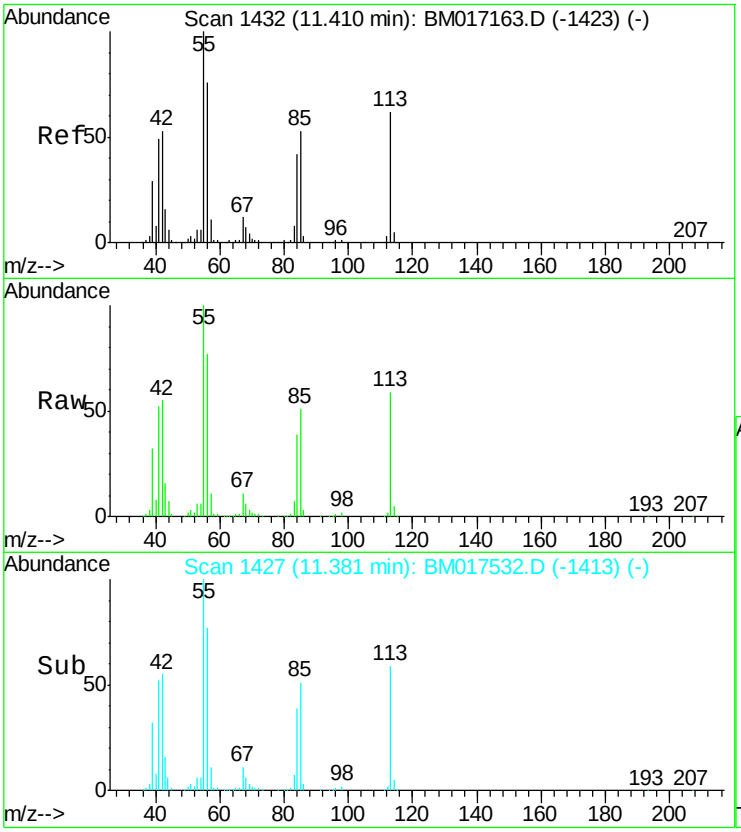


#34
Hexachlorobutadiene
Concen: 39.767 ng
RT: 10.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:225 Resp: 467502

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	65.8	50.8	76.2



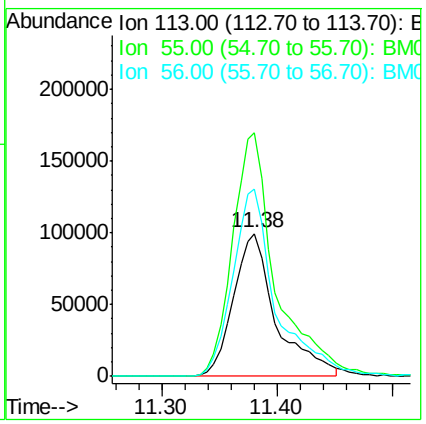


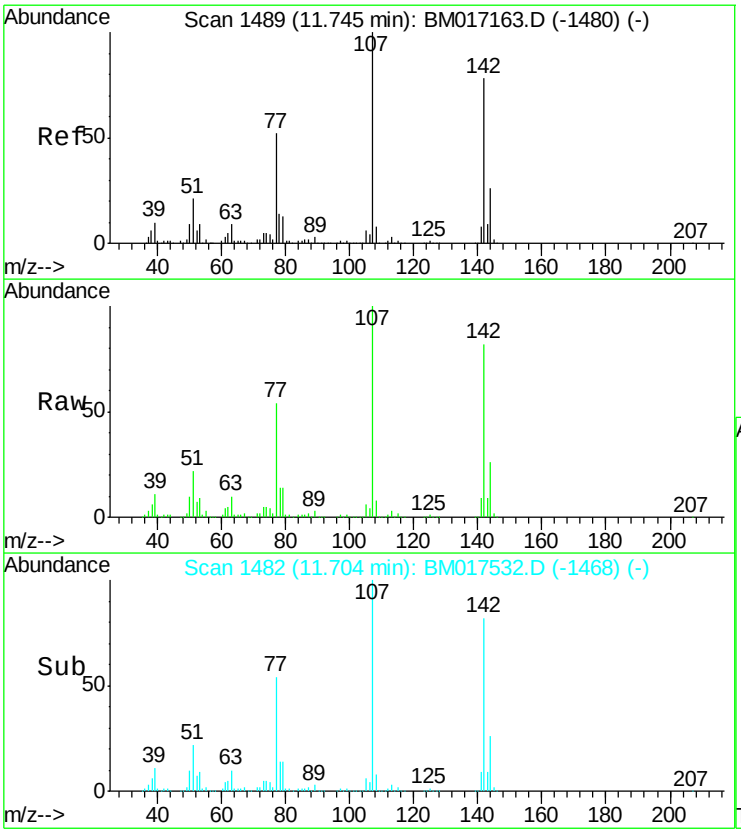
#35
Caprolactam
Concen: 45.237 ng
RT: 11.38 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 254980

Ion	Ratio	Lower	Upper
113	100		
55	170.2	147.0	187.0
56	131.4	104.5	144.5

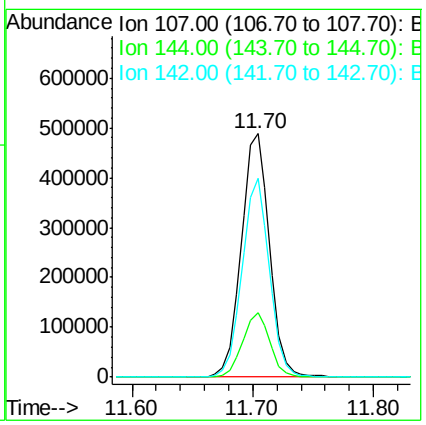


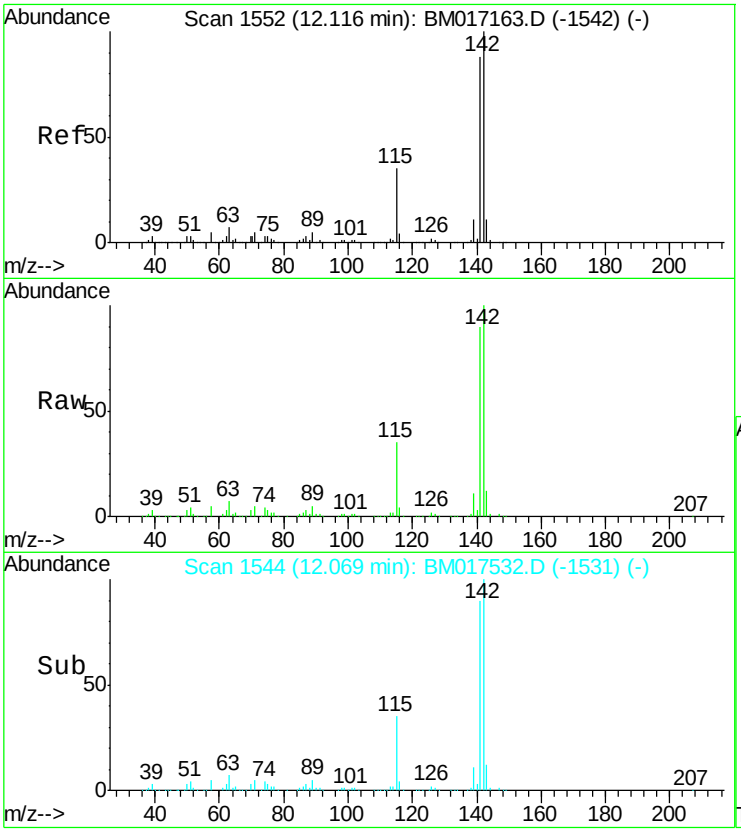


#36
4-Chloro-3-methylphenol
Concen: 45.681 ng
RT: 11.70 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:107 Resp: 796400

Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.6	32.4
142	81.9	66.0	99.0



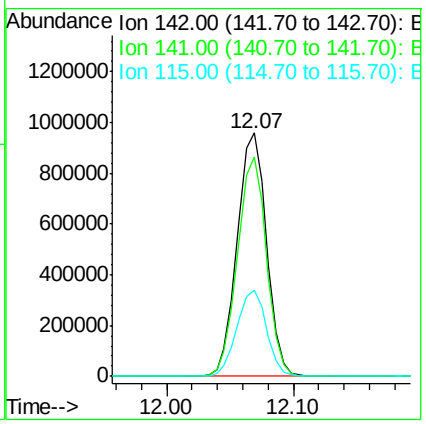


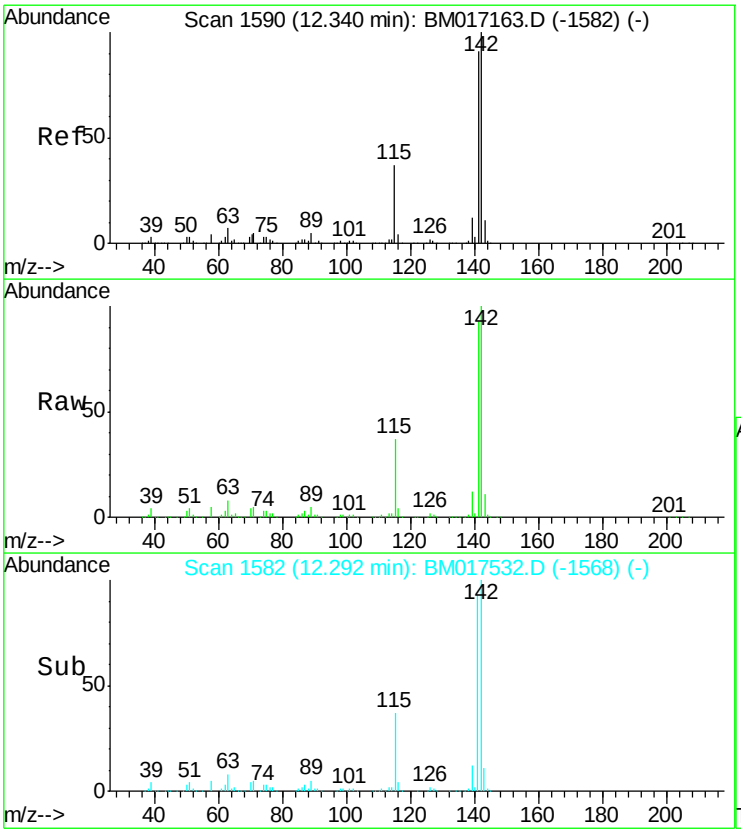
#37
2-Methylnaphthalene
Concen: 43.065 ng
RT: 12.07 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1540922

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.9	106.3
115	35.5	26.4	39.6

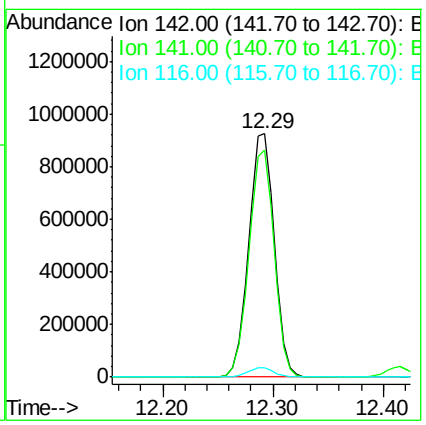


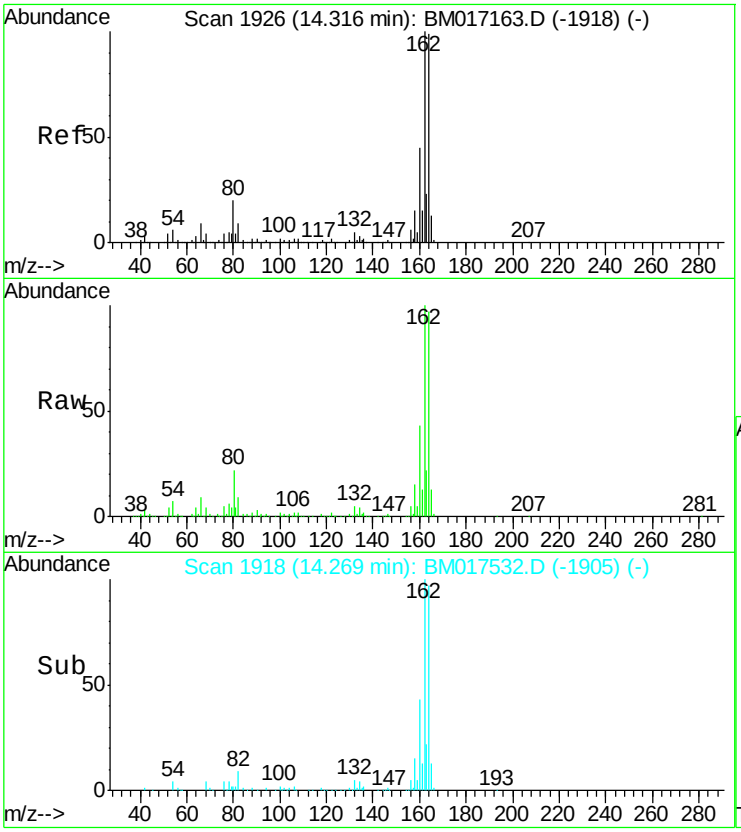


#38
1-Methylnaphthalene
Concen: 43.196 ng
RT: 12.29 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:142 Resp: 1504325

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.8	110.6
116	3.9	2.9	4.3



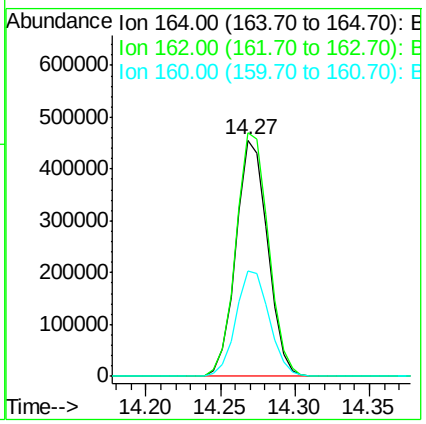


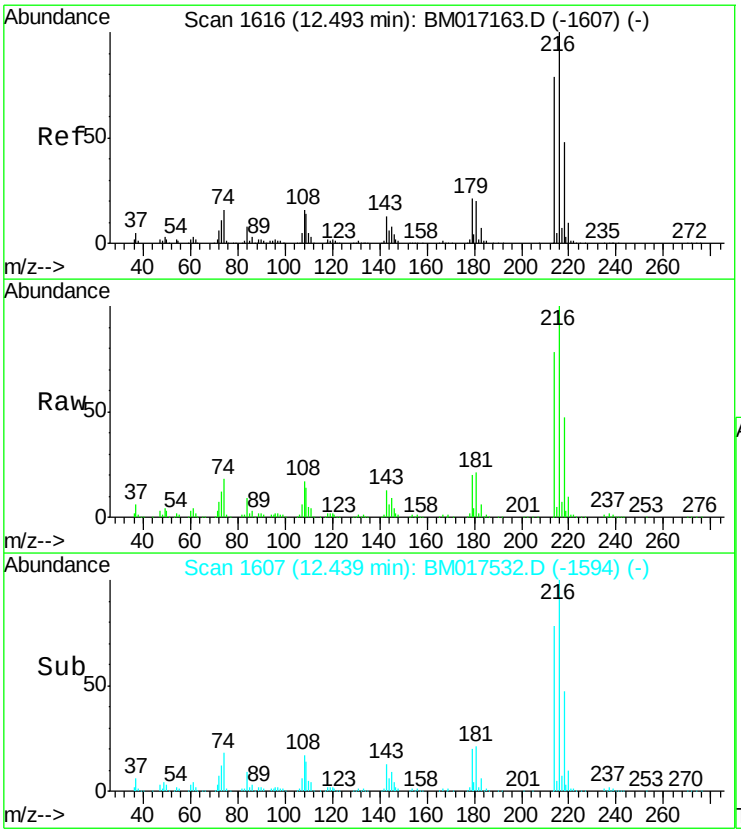
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 671890

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	44.6	40.2	60.2

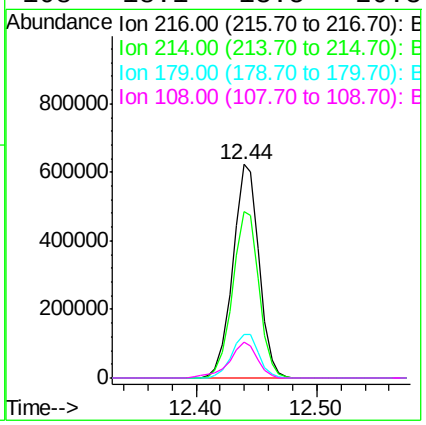


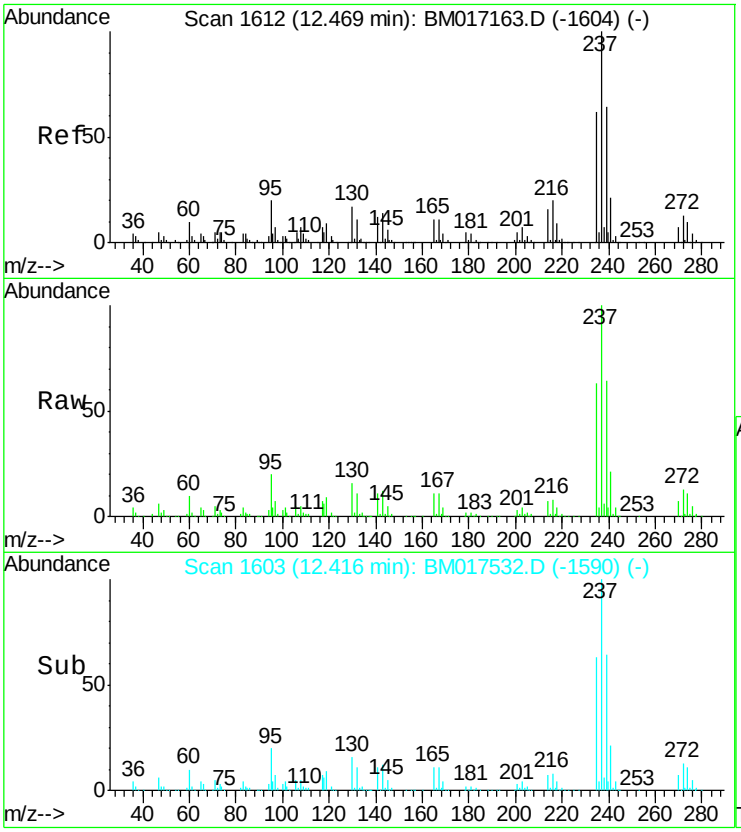


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.683 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:216 Resp: 938959

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	93.8
179	21.1	16.6	24.8
108	18.1	13.5	20.3



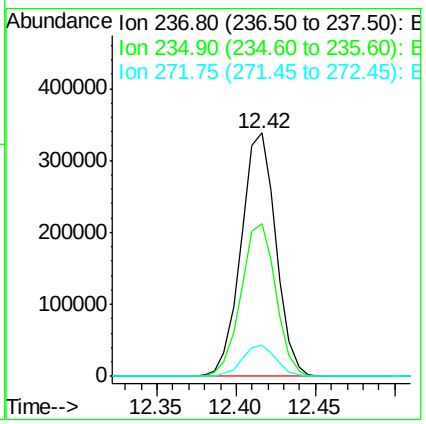


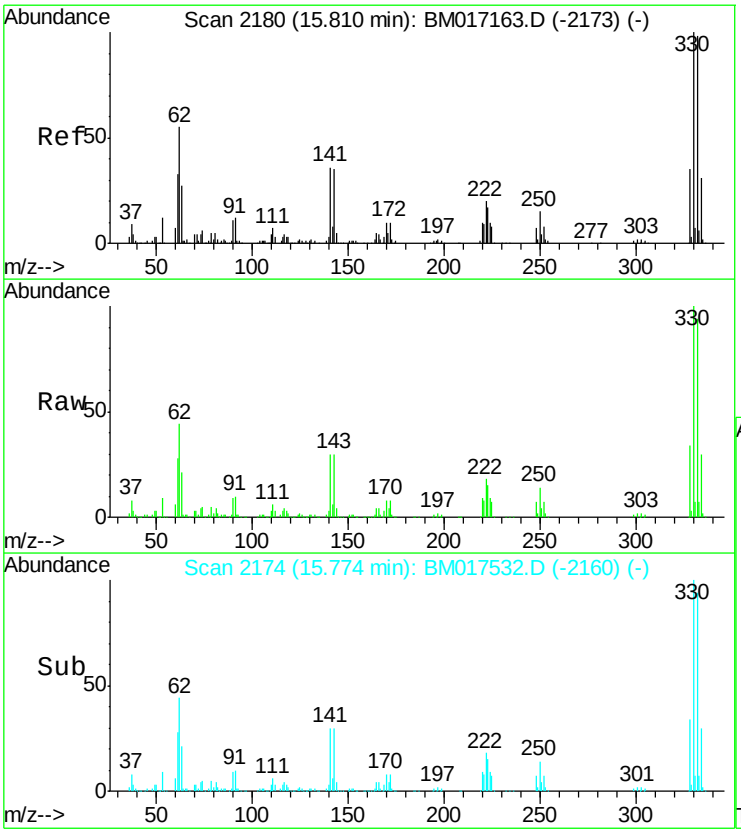
#41
Hexachlorocyclopentadiene
Concen: 44.998 ng
RT: 12.42 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 514723

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.4	82.4
272	12.7	0.0	33.0

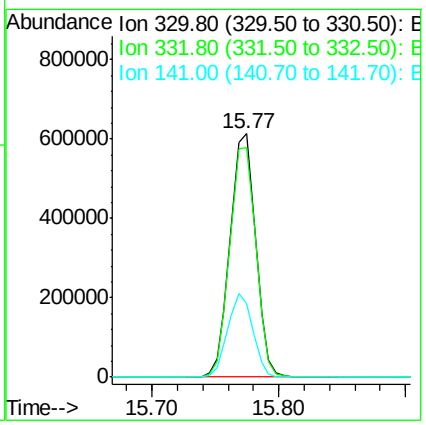


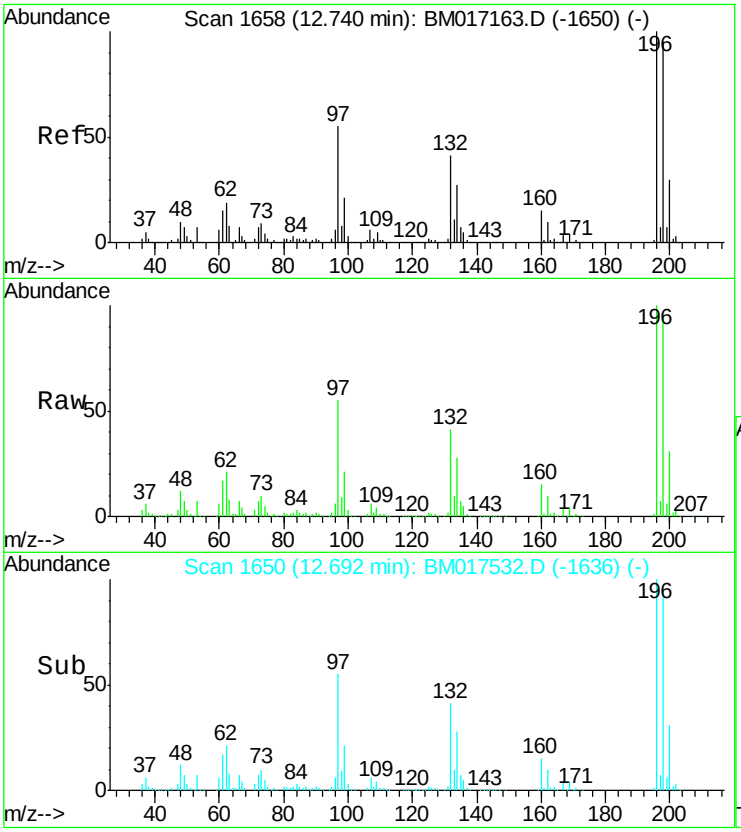


#42
2,4,6-Tribromophenol
Concen: 93.991 ng
RT: 15.77 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:330 Resp: 854031

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.8	27.4	41.0



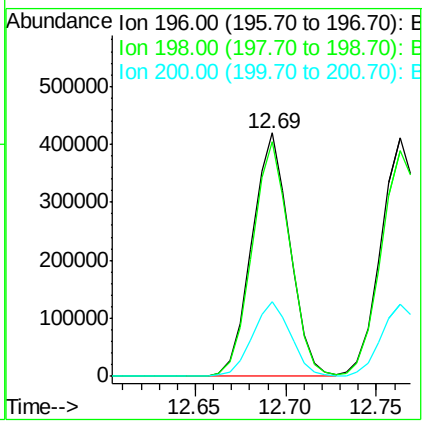


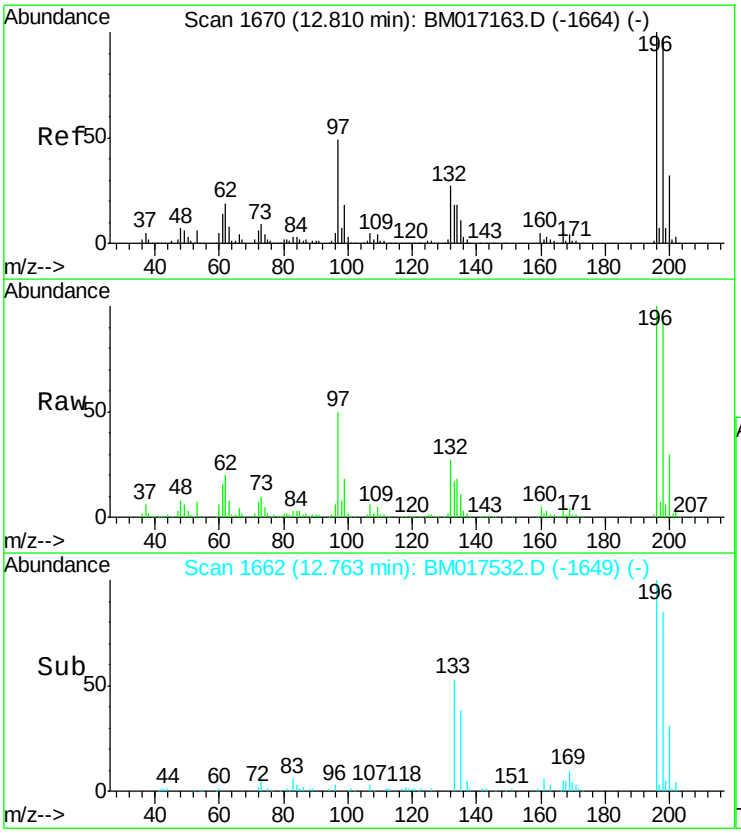
#43
2,4,6-Trichlorophenol
Concen: 44.185 ng
RT: 12.69 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 606907

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.1	115.7
200	30.6	25.0	37.4

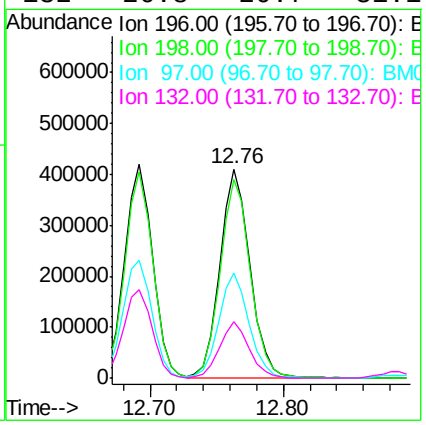


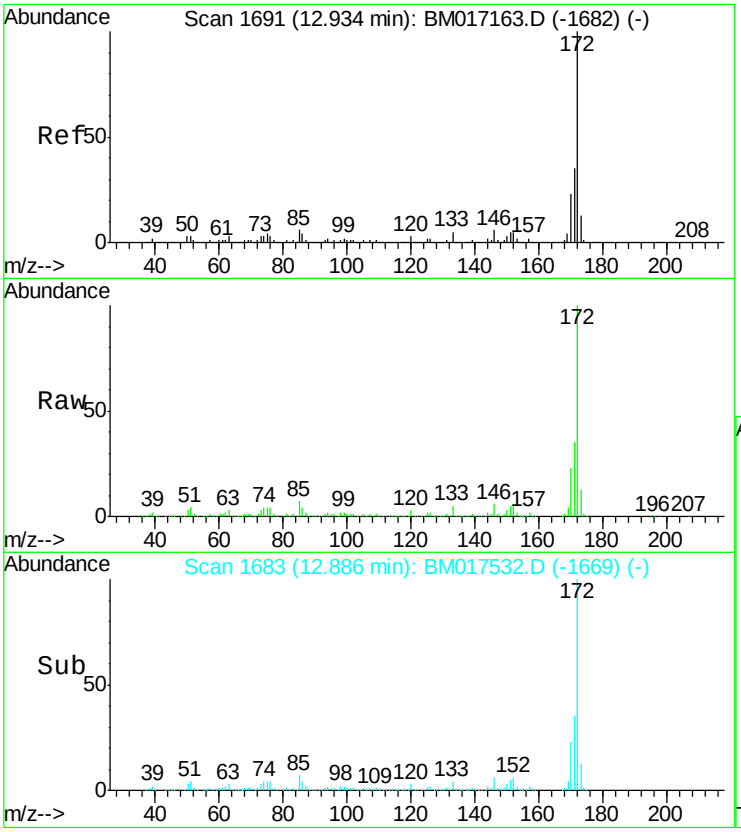


#44
2,4,5-Trichlorophenol
Concen: 43.705 ng
RT: 12.76 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:196 Resp: 643742

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.6	115.0
97	50.0	35.5	53.3
132	26.8	20.7	31.1



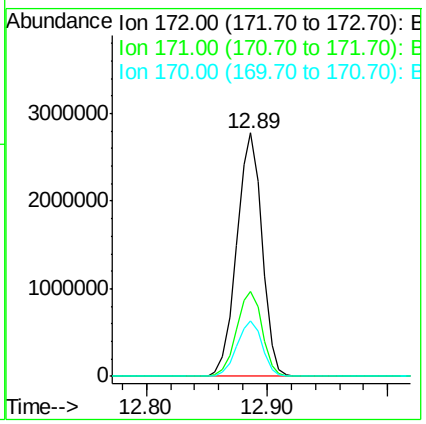


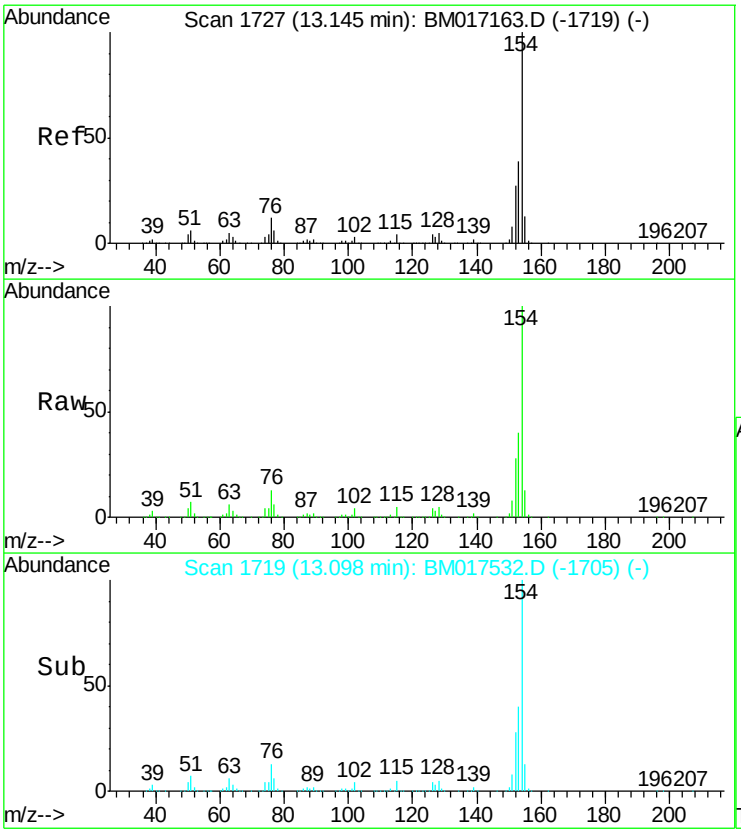
#45
2-Fluorobiphenyl
Concen: 80.368 ng
RT: 12.89 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 4058376

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.8	18.3	27.5

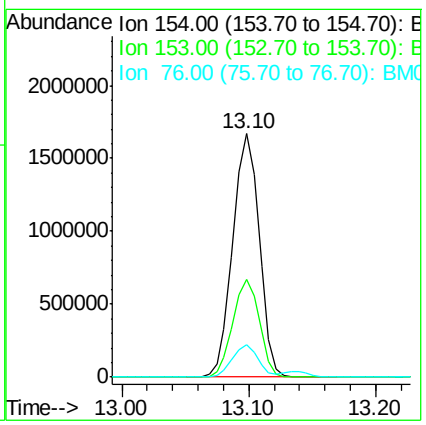


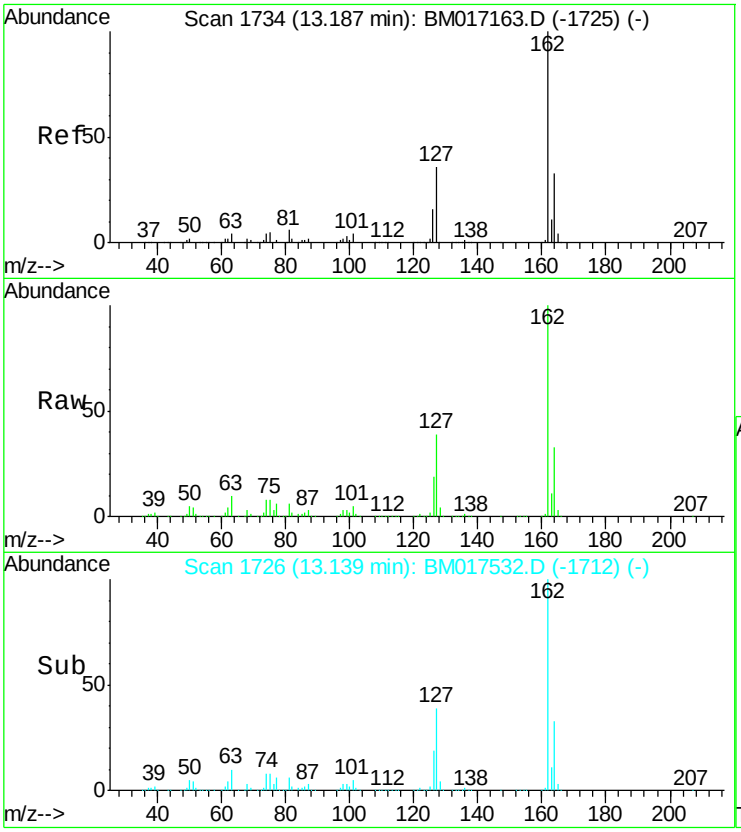


#46
1,1'-Biphenyl
Concen: 39.811 ng
RT: 13.10 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:154 Resp: 2407122

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	13.2	0.0	31.8



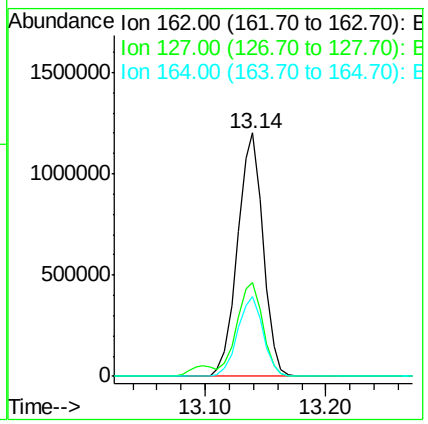


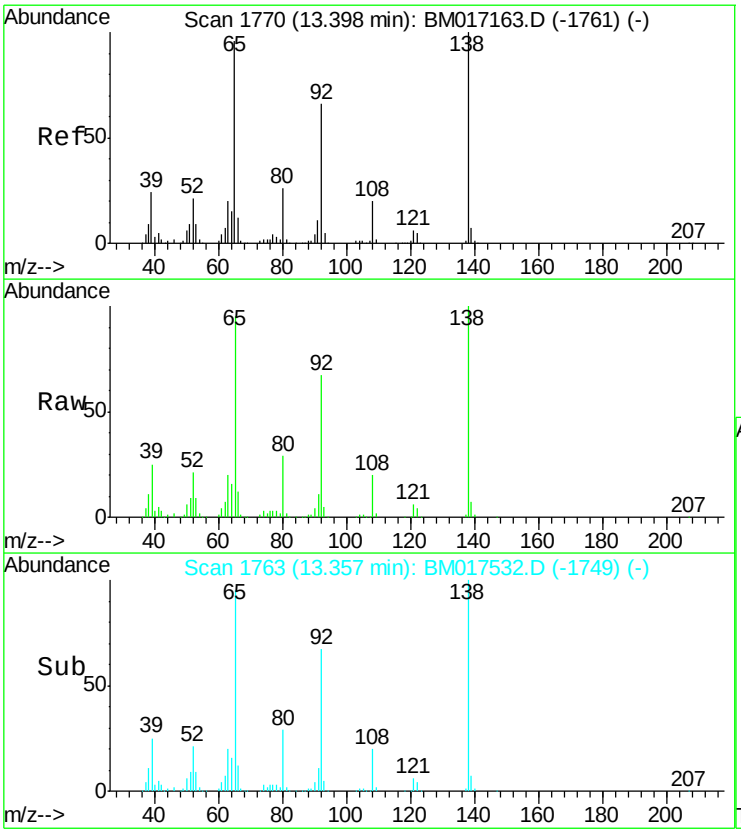
#47
2-Chloronaphthalene
Concen: 39.751 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1768153

Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.0	46.4
164	32.8	26.6	39.8

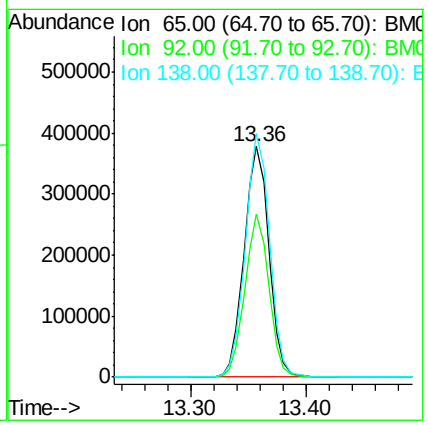


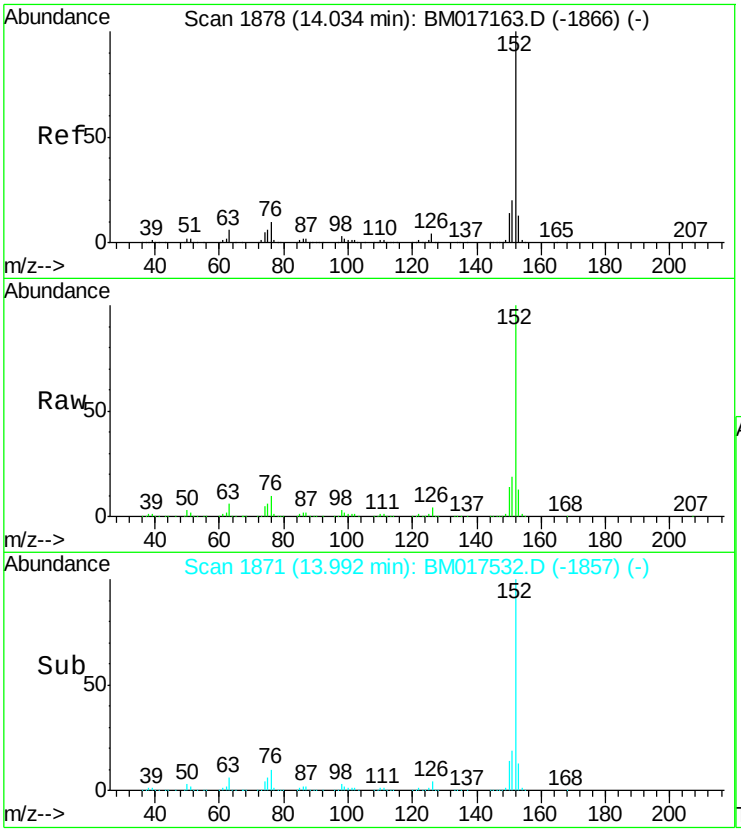


#48
2-Nitroaniline
Concen: 45.460 ng
RT: 13.36 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion: 65 Resp: 566981

Ion	Ratio	Lower	Upper
65	100		
92	70.5	54.9	82.3
138	105.7	83.7	125.5



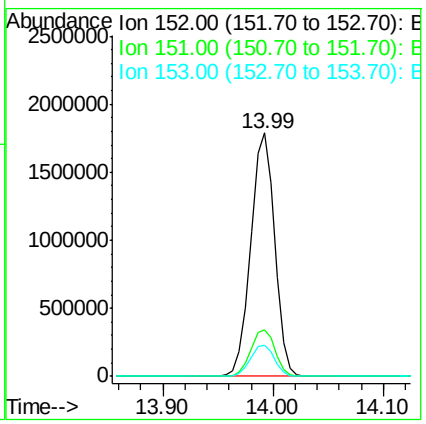


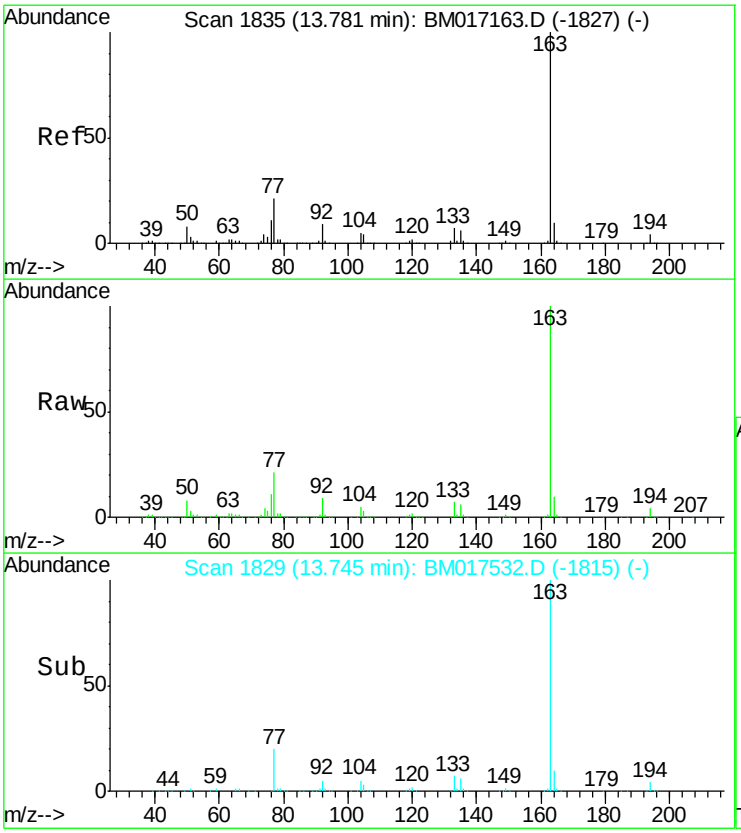
#49
Acenaphthylene
Concen: 42.209 ng
RT: 13.99 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2721454

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.0	24.0
153	13.0	10.4	15.6

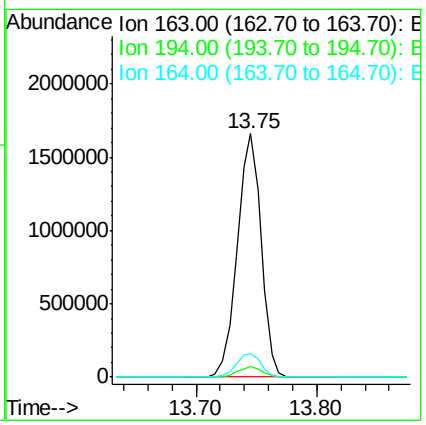


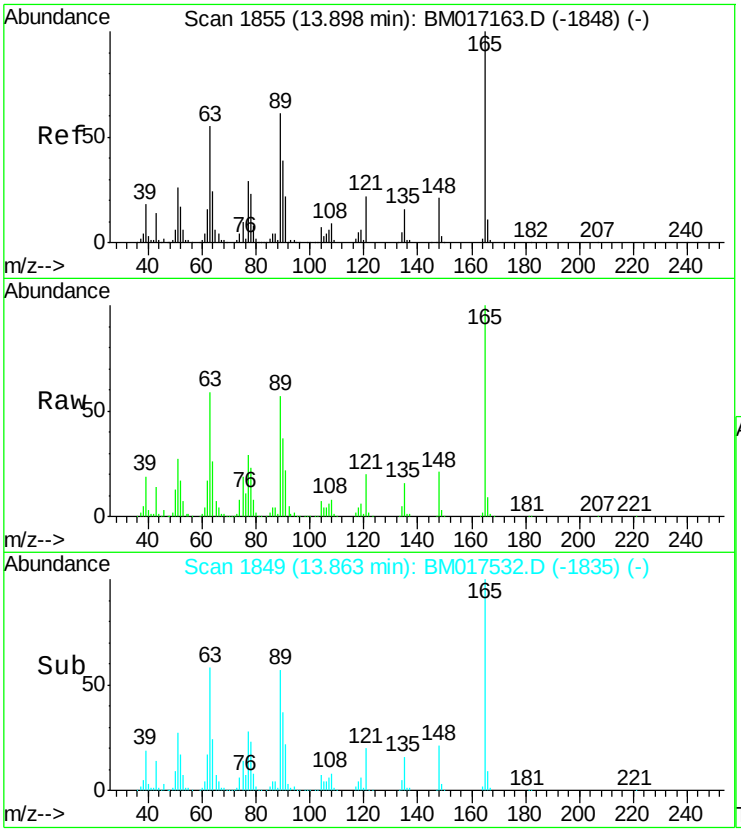


#50
Dimethylphthalate
Concen: 43.985 ng
RT: 13.75 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:163 Resp: 2280050

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.8	7.8	11.8



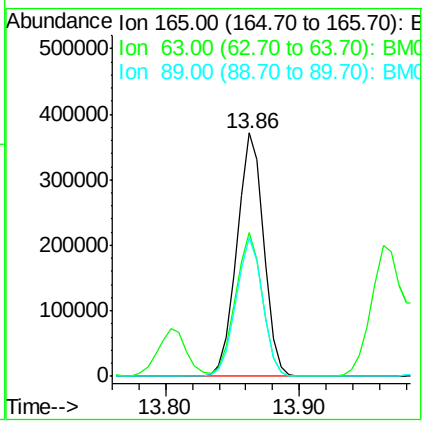


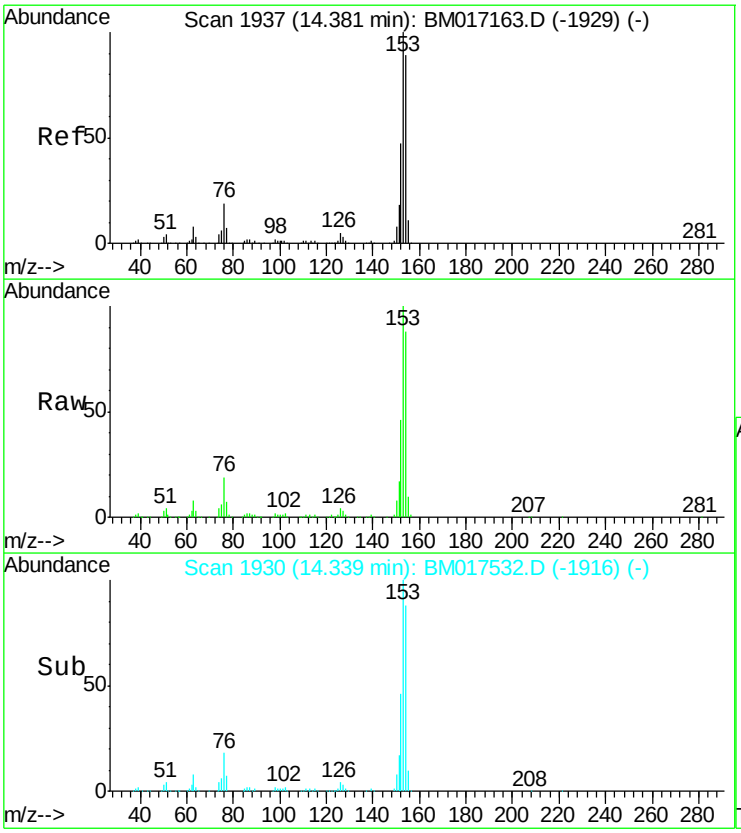
#51
2,6-Dinitrotoluene
Concen: 44.968 ng
RT: 13.86 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 513039

Ion	Ratio	Lower	Upper
165	100		
63	58.9	42.7	64.1
89	56.9	42.1	63.1

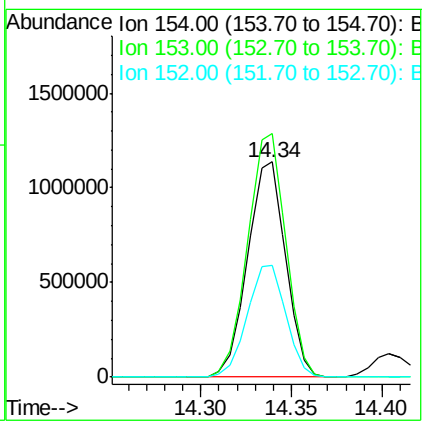


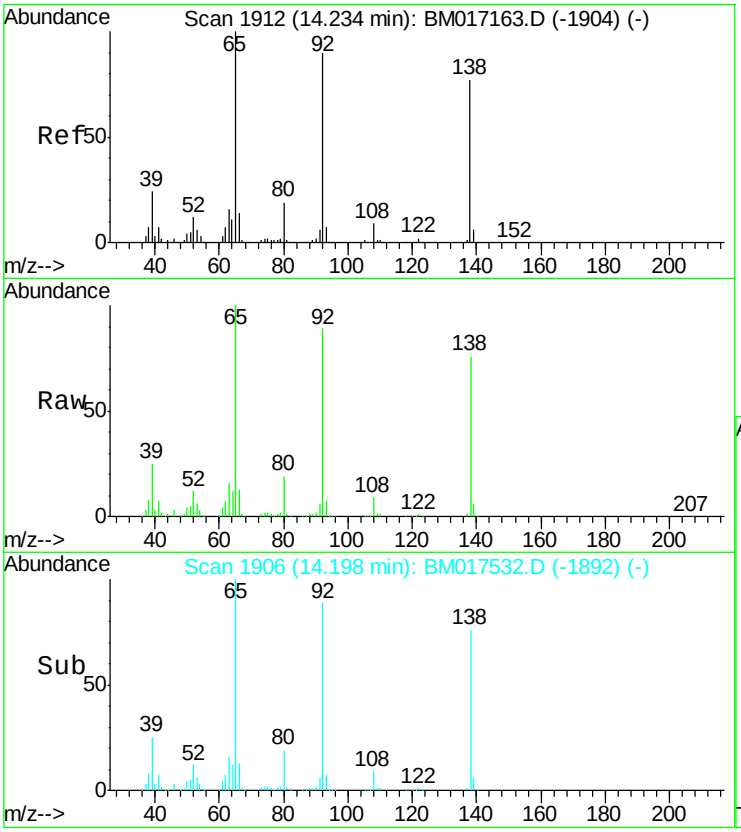


#52
Acenaphthene
Concen: 40.945 ng
RT: 14.34 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:154 Resp: 1657549

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.2	135.2
152	51.9	44.2	66.4



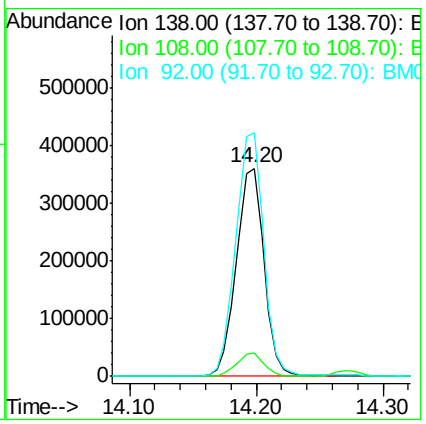


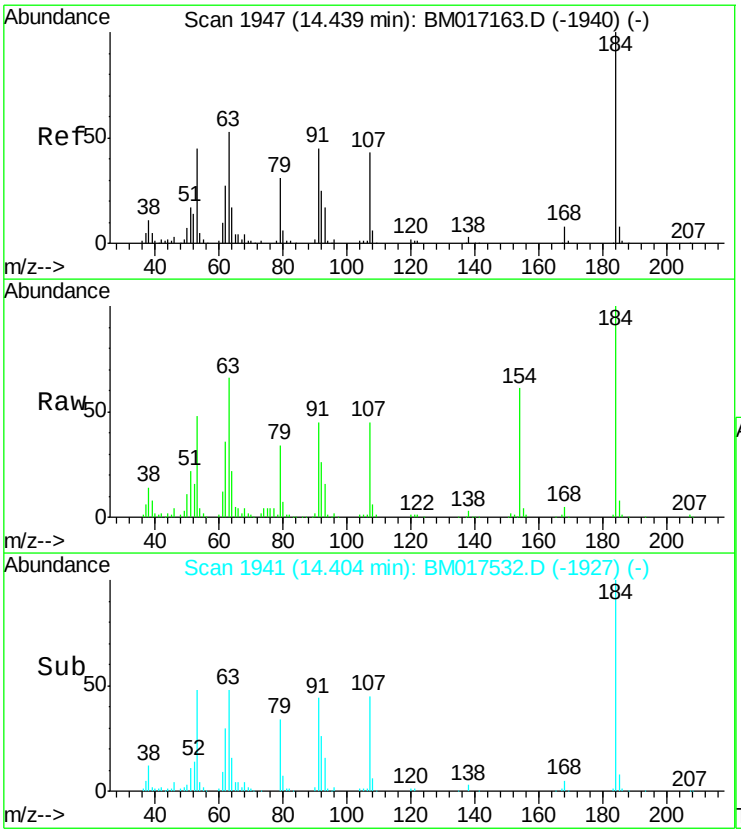
#53
3-Nitroaniline
Concen: 44.298 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 547373

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.7	13.1
92	117.1	87.9	131.9

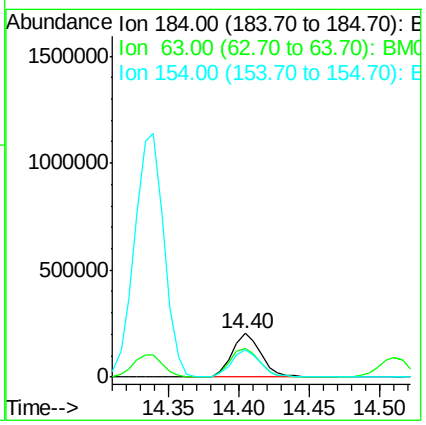


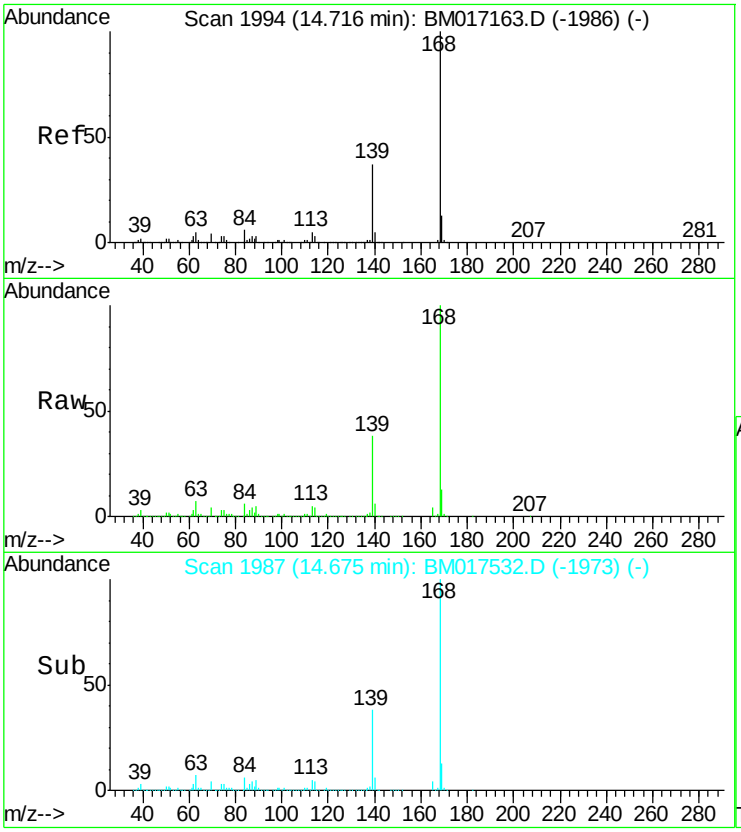


#54
2,4-Dinitrophenol
Concen: 47.651 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:184 Resp: 294116

Ion	Ratio	Lower	Upper
184	100		
63	66.5	51.2	76.8
154	61.2	47.8	71.8



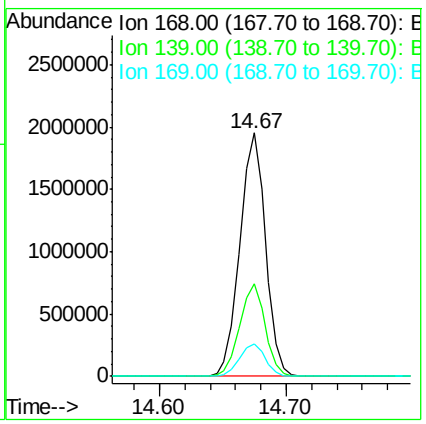


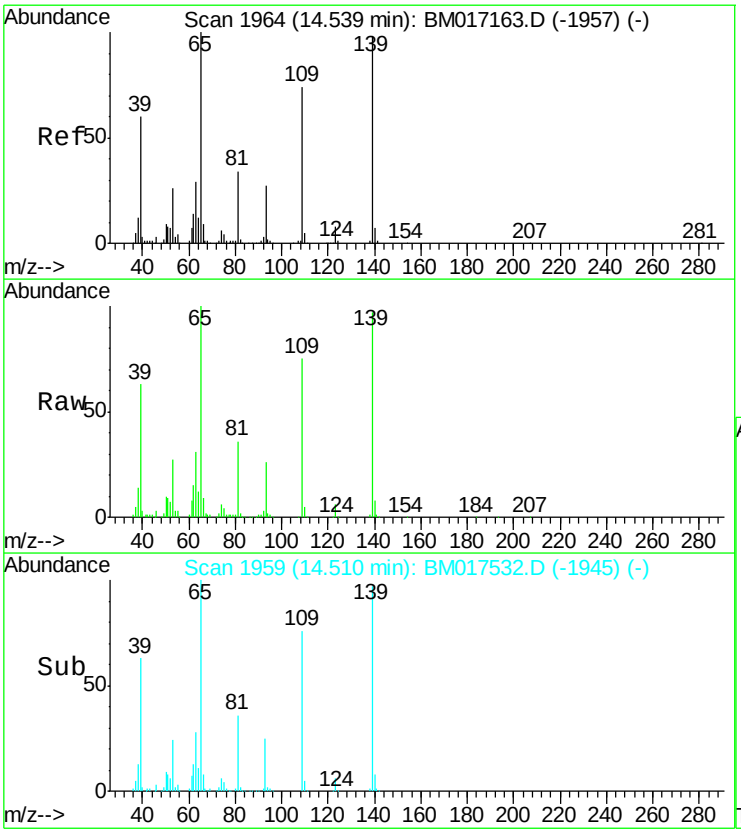
#55
Dibenzofuran
Concen: 40.534 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2728782

Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.3	43.9
169	13.2	10.6	15.8

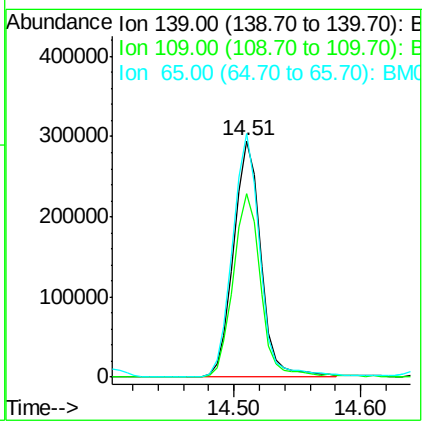


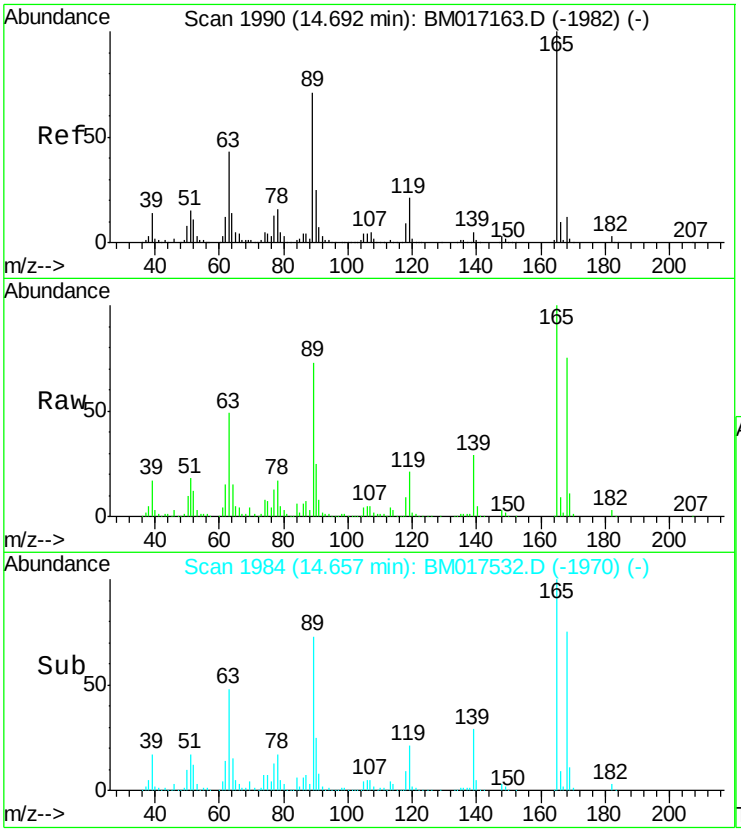


#56
4-Nitrophenol
Concen: 41.491 ng
RT: 14.51 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:139 Resp: 440085

Ion	Ratio	Lower	Upper
139	100		
109	77.6	51.8	91.8
65	103.1	72.1	112.1



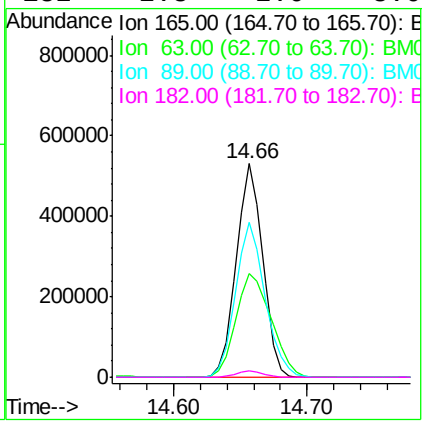


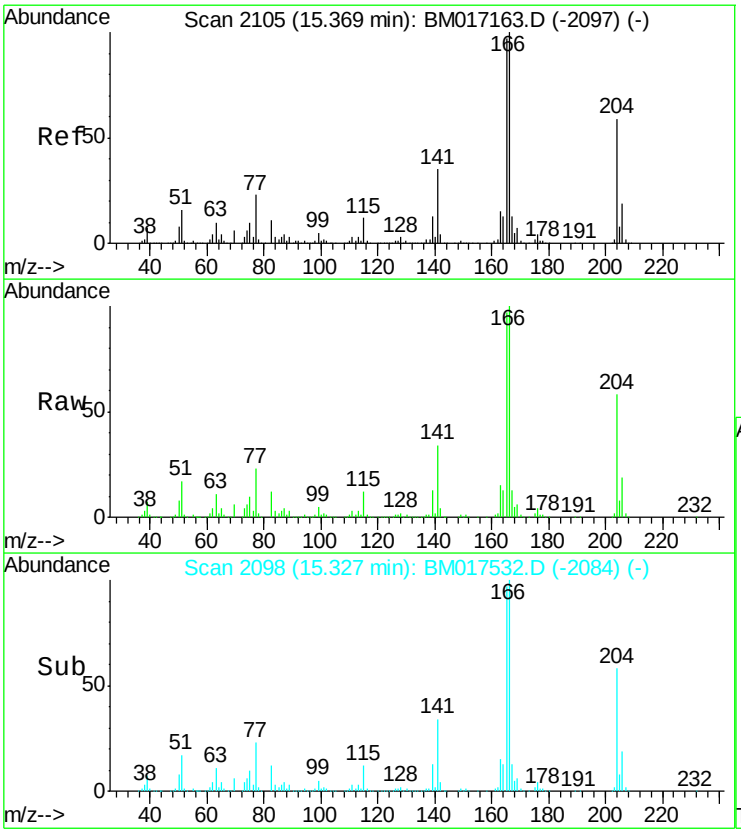
#57
2,4-Dinitrotoluene
Concen: 47.455 ng
RT: 14.66 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 727684

Ion	Ratio	Lower	Upper
165	100		
63	48.8	33.8	50.8
89	72.6	53.1	79.7
182	2.8	2.0	3.0

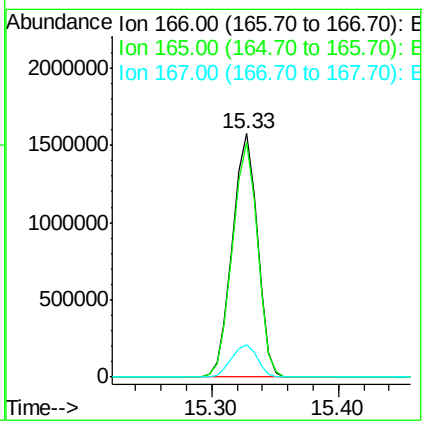


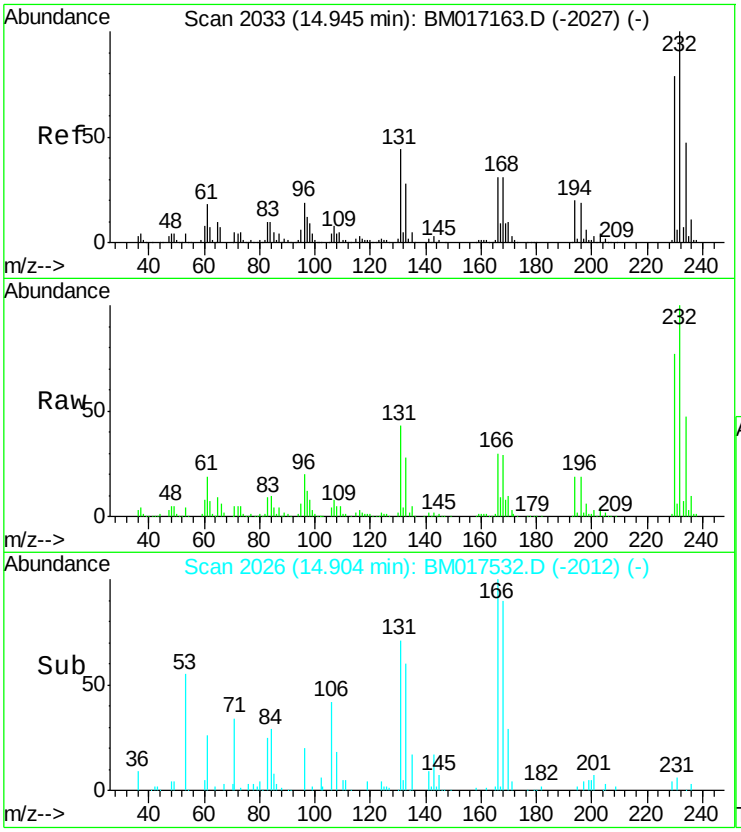


#58
Fluorene
Concen: 43.068 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:166 Resp: 2146019

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.1	117.1
167	13.2	10.6	16.0



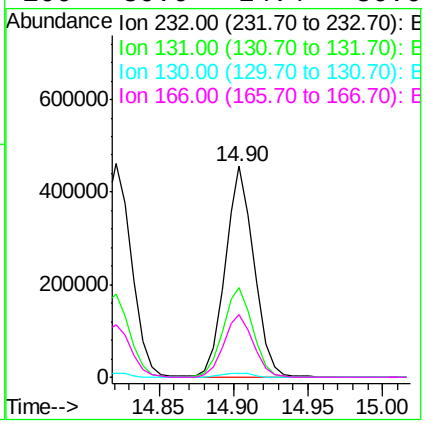


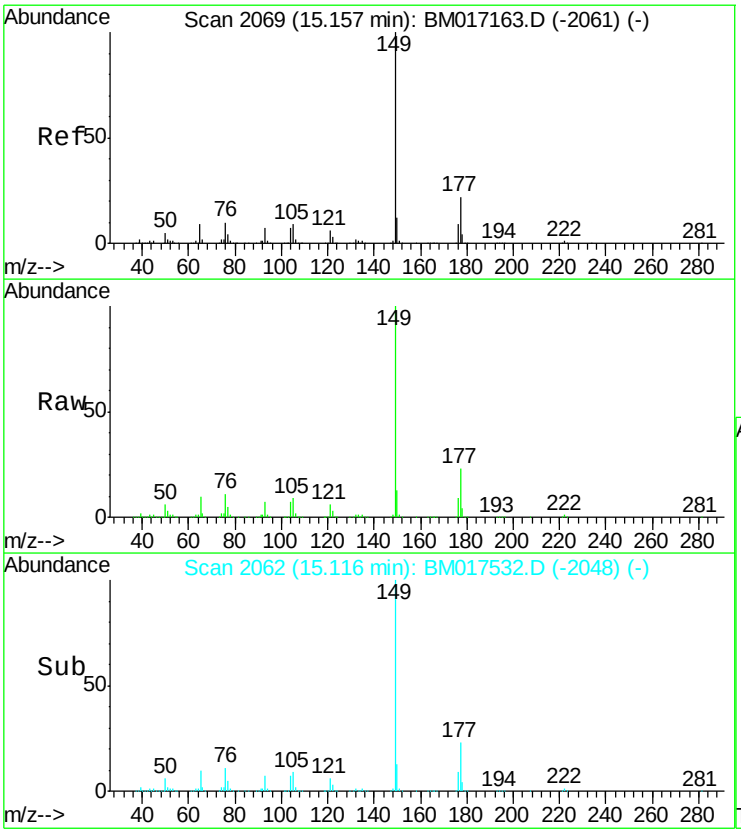
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.630 ng
RT: 14.90 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 612629

Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.1	49.7
130	2.2	1.7	2.5
166	30.6	24.4	36.6

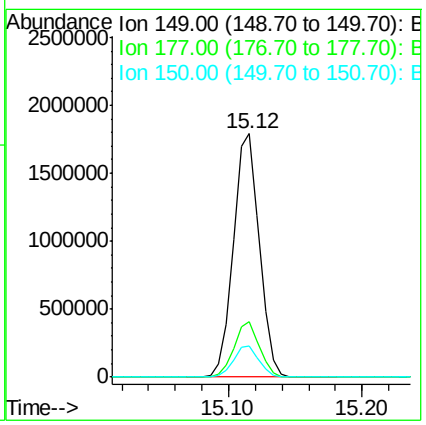


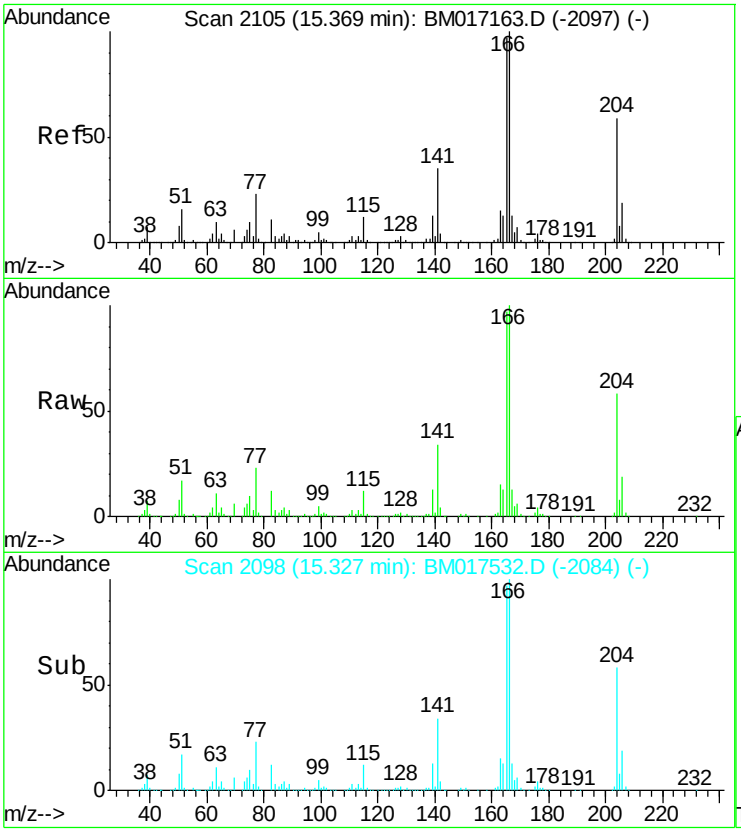


#60
Diethylphthalate
Concen: 46.901 ng
RT: 15.12 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:149 Resp: 2411060

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.7	26.5
150	12.6	10.0	15.0



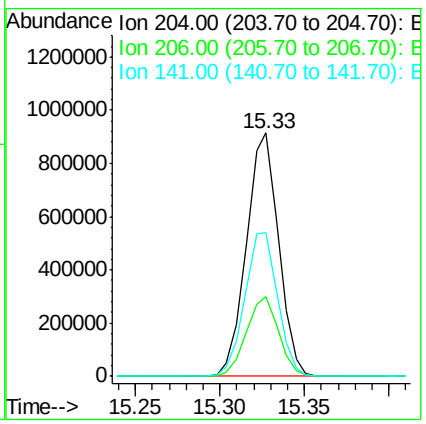


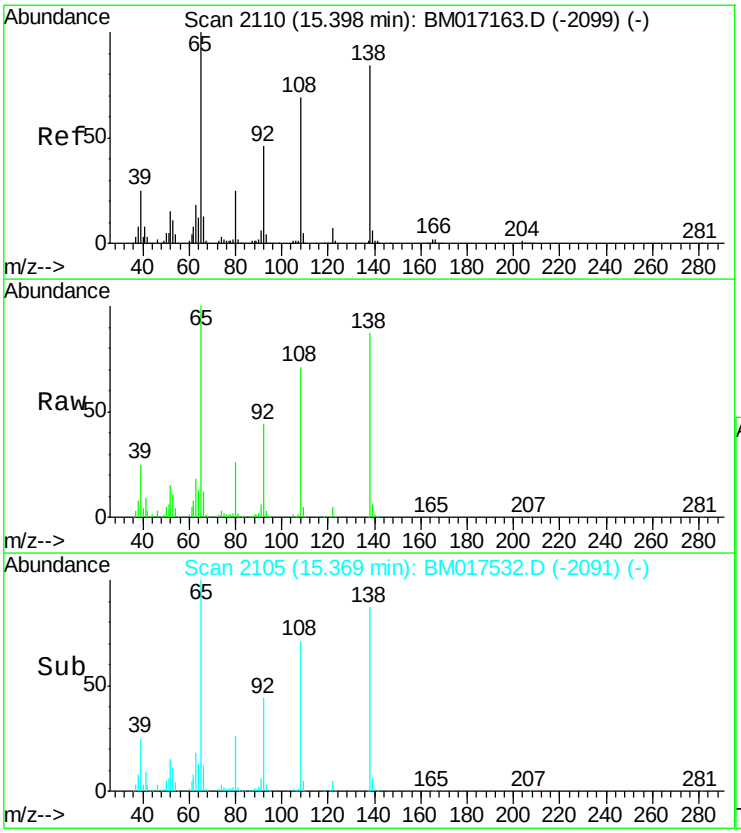
#61
4-Chlorophenyl-phenylether
Concen: 42.791 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1215583

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	59.1	45.4	68.2

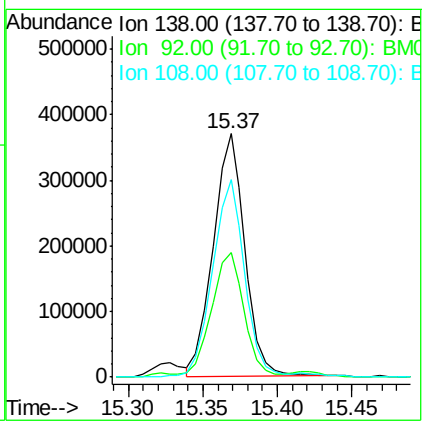


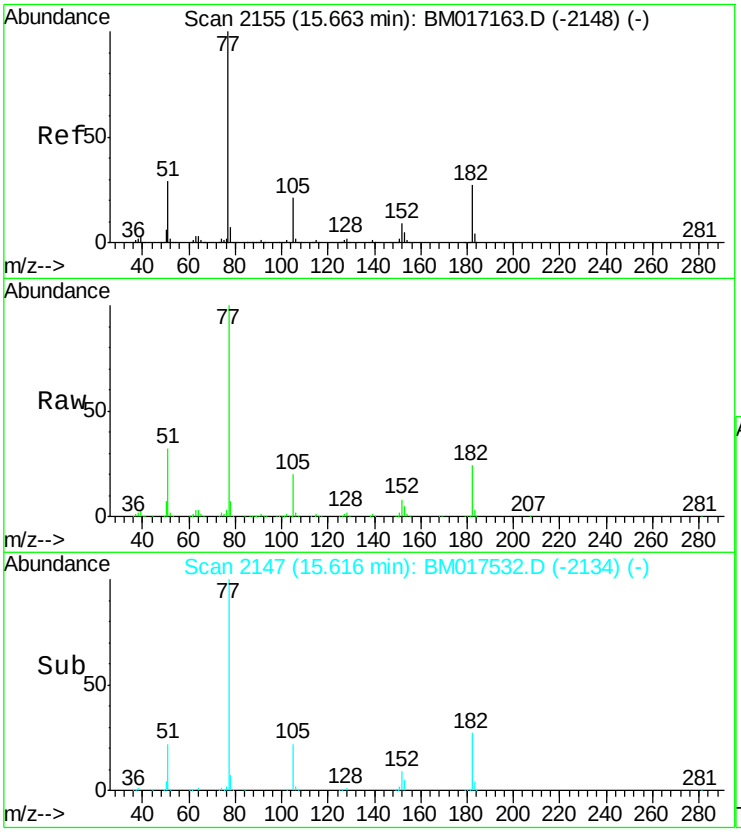


#62
4-Nitroaniline
Concen: 40.796 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:138 Resp: 551641

Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.2	71.2
108	81.1	55.5	95.5



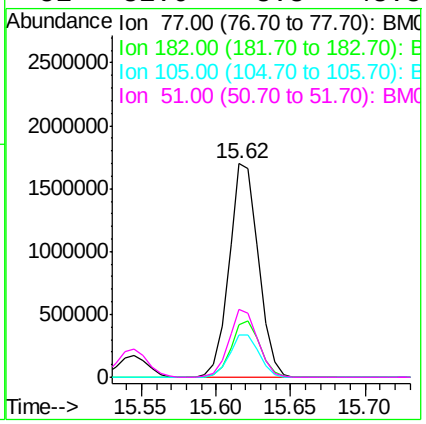


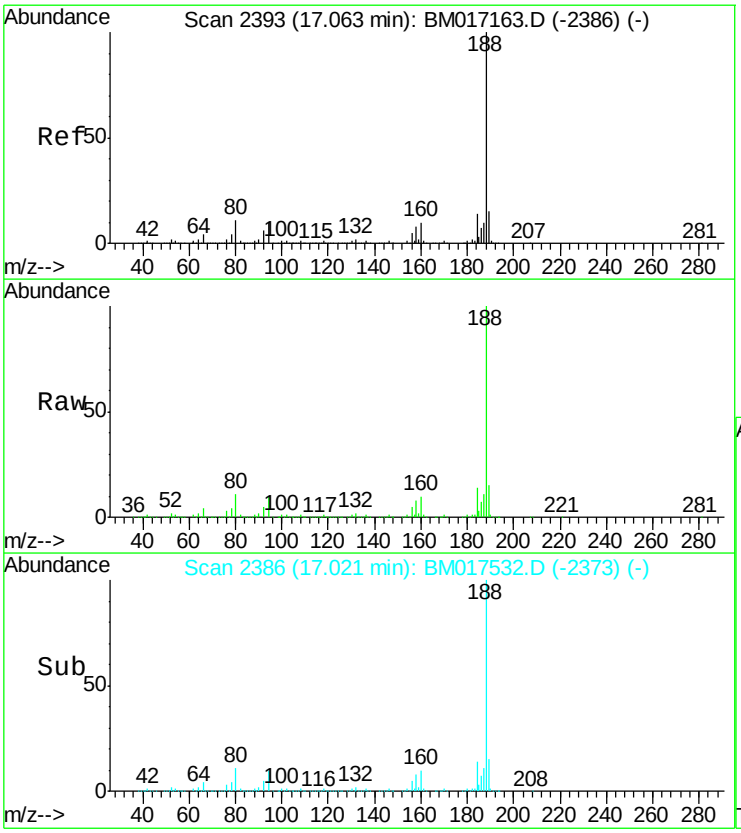
#63
Azobenzene
Concen: 46.344 ng
RT: 15.62 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2315644

Ion	Ratio	Lower	Upper
77	100		
182	24.3	8.3	48.3
105	19.8	1.5	41.5
51	31.6	8.8	48.8

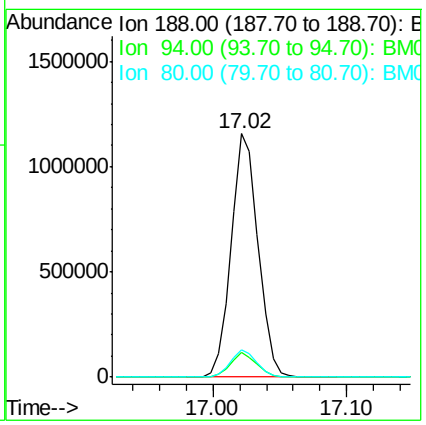


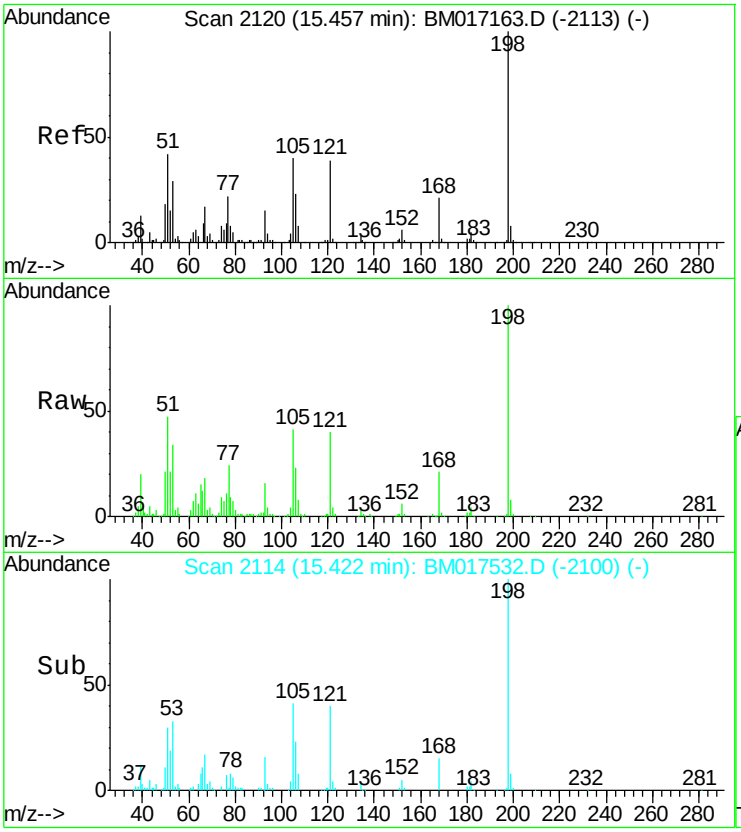


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:188 Resp: 1624833

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.4
80	11.3	7.7	11.5



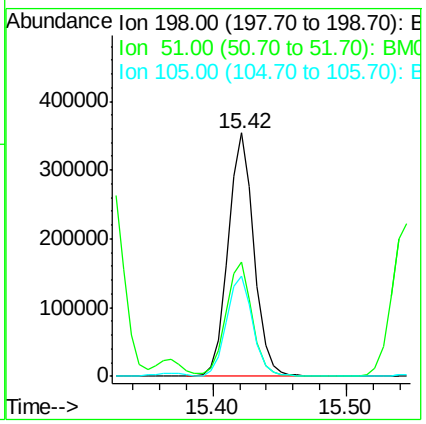


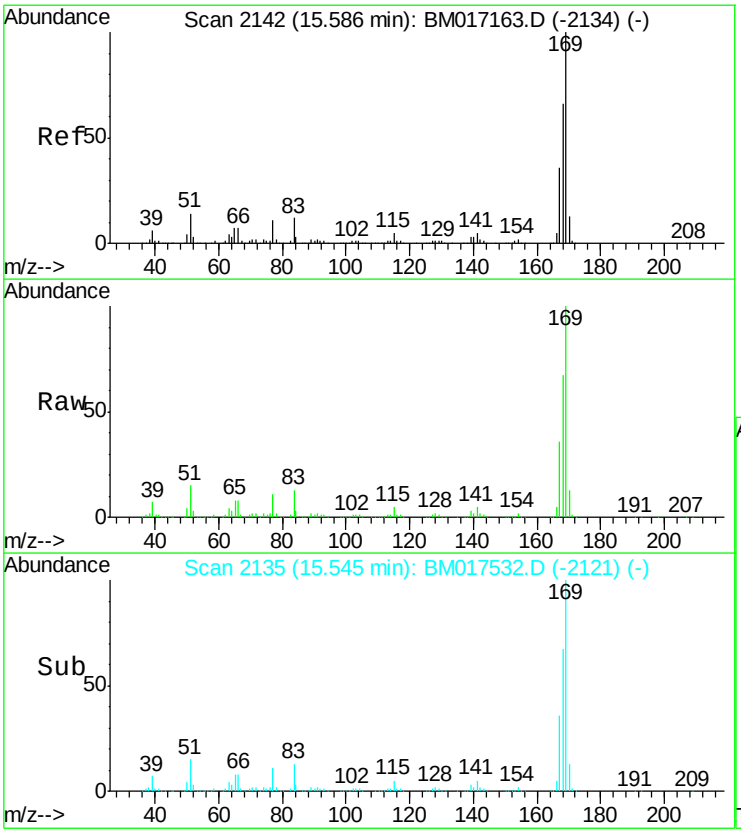
#65
4,6-Dinitro-2-methylphenol
Concen: 46.289 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 479929

Ion	Ratio	Lower	Upper
198	100		
51	47.0	20.3	60.3
105	41.3	21.9	61.9

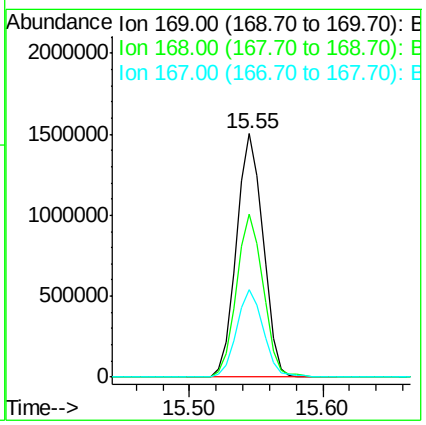


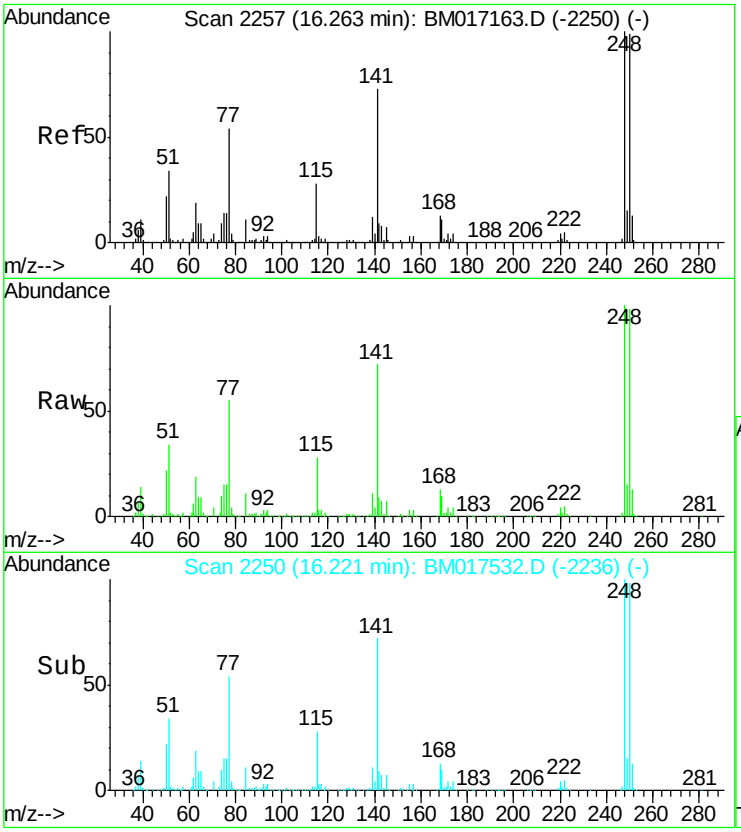


#66
n-Nitrosodiphenylamine
Concen: 42.149 ng
RT: 15.55 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:169 Resp: 2072008

Ion	Ratio	Lower	Upper
169	100		
168	67.0	52.2	78.4
167	35.8	28.4	42.6



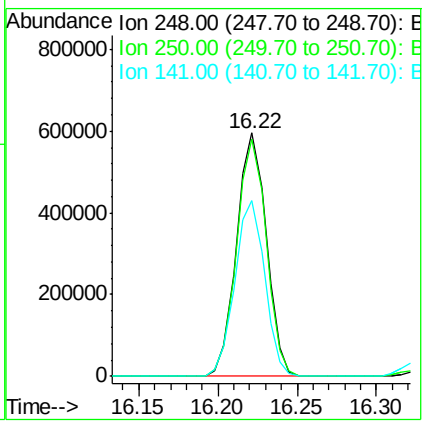


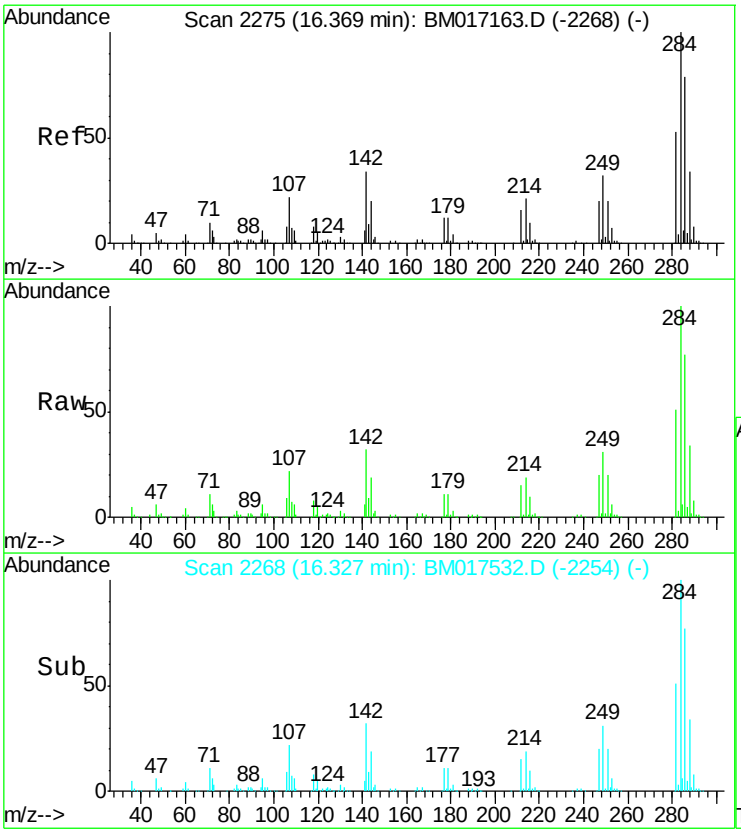
#67
4-Bromophenyl-phenylether
Concen: 43.645 ng
RT: 16.22 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 778667

Ion	Ratio	Lower	Upper
248	100		
250	97.7	75.1	112.7
141	72.2	55.6	83.4

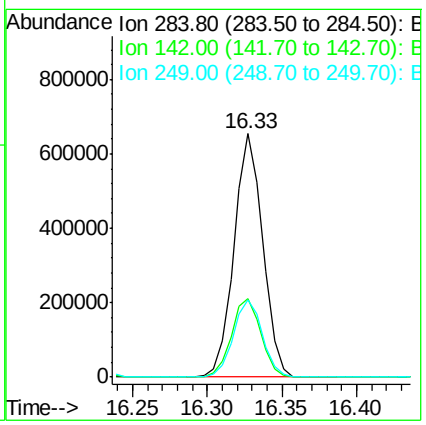


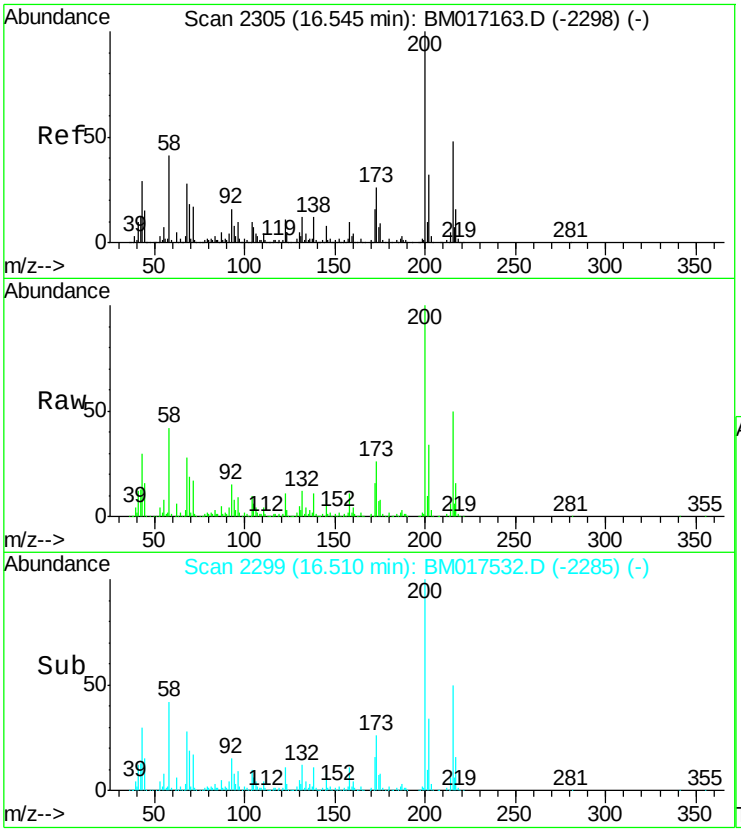


#68
Hexachlorobenzene
Concen: 42.265 ng
RT: 16.33 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:284 Resp: 875898

Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.0	37.6
249	31.5	25.5	38.3



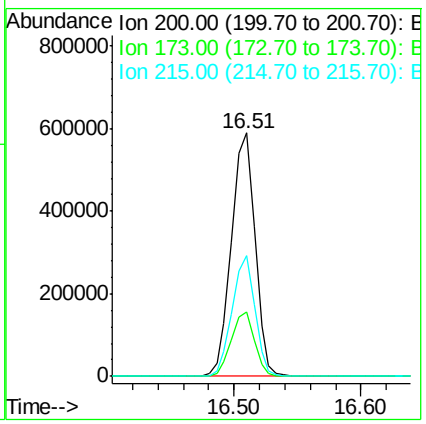


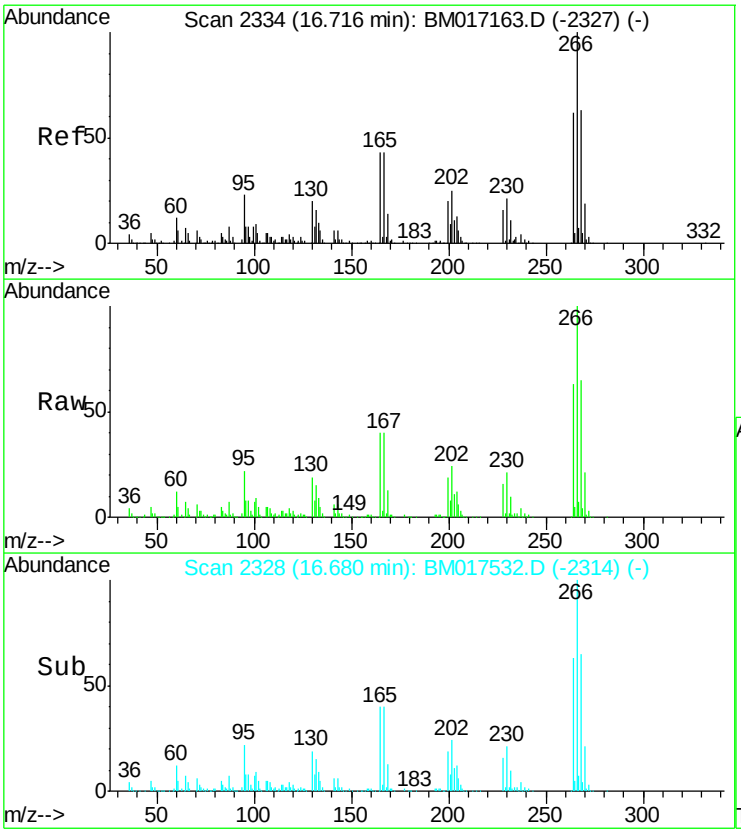
#69
Atrazine
Concen: 43.088 ng
RT: 16.51 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 758105

Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.0	47.0
215	49.8	27.3	67.3

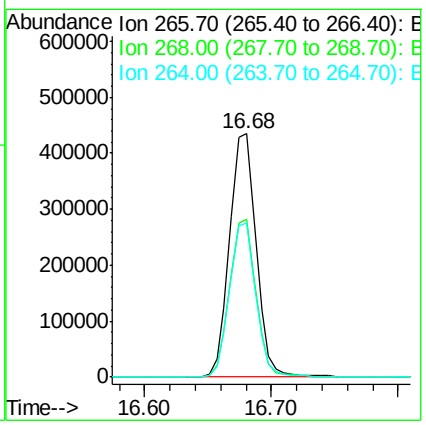


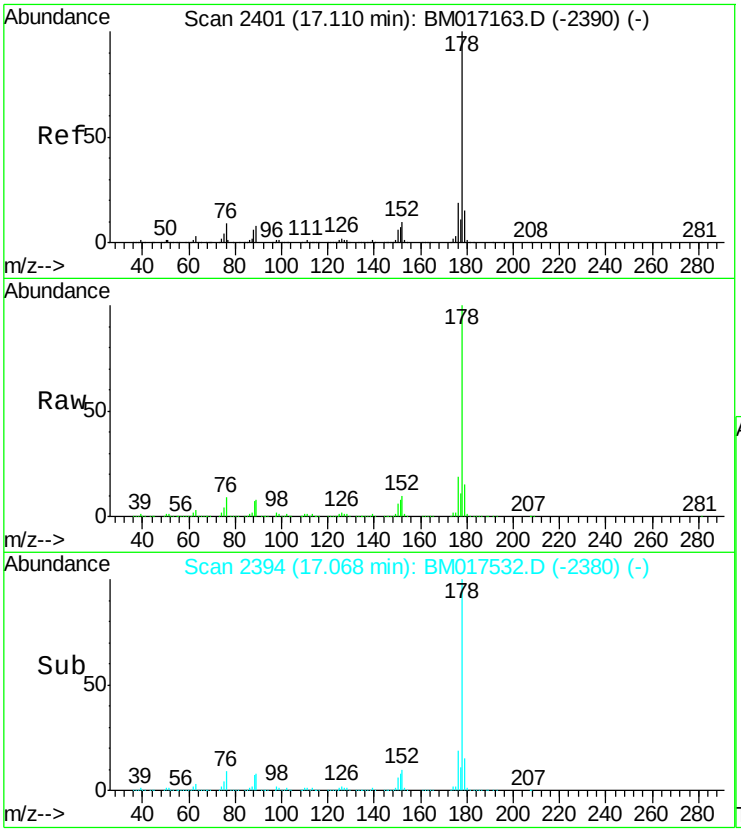


#70
Pentachlorophenol
Concen: 44.545 ng
RT: 16.68 min Scan# 2328
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:266 Resp: 632386

Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.7	76.1
264	63.4	50.4	75.6



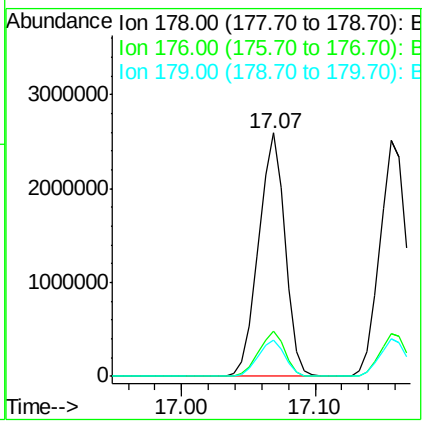


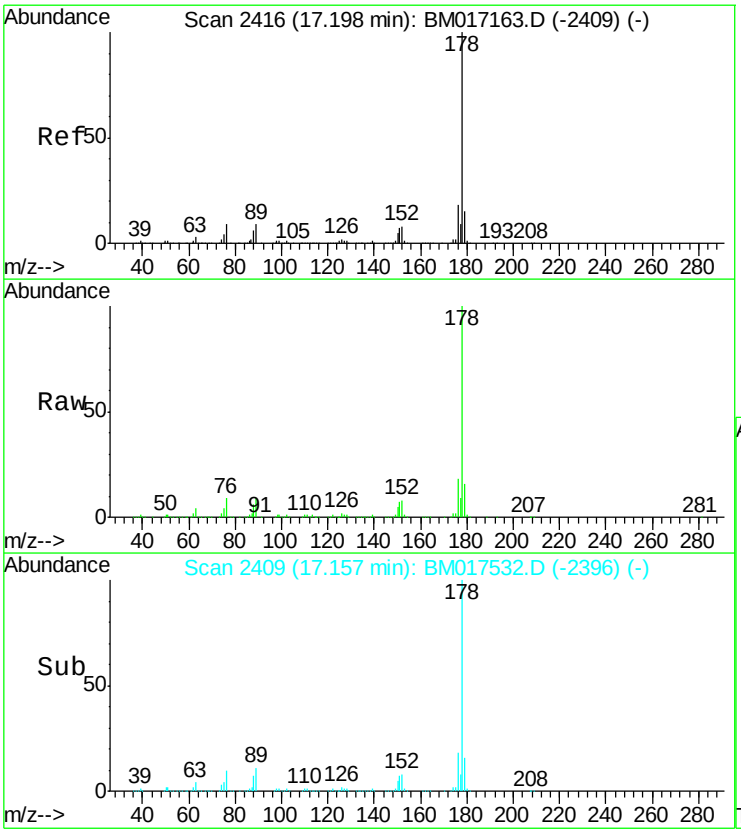
#71
Phenanthrene
Concen: 40.388 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 3540594

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	14.9	12.3	18.5

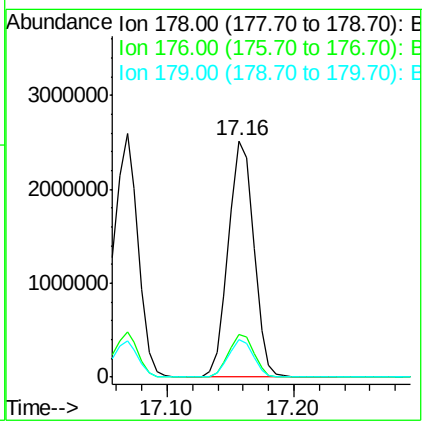


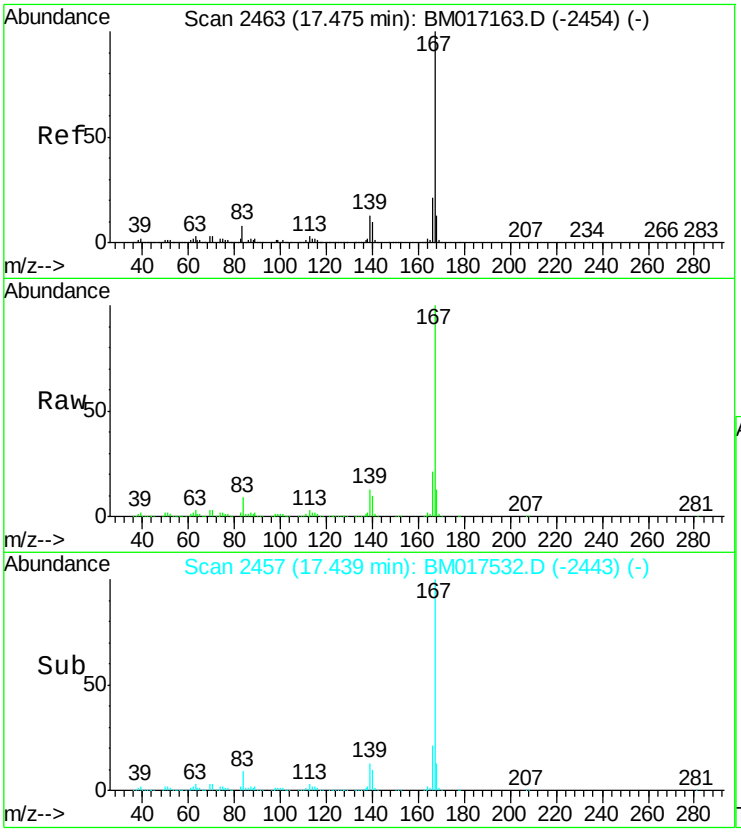


#72
Anthracene
Concen: 41.979 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:178 Resp: 3496732

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.6	12.2	18.2



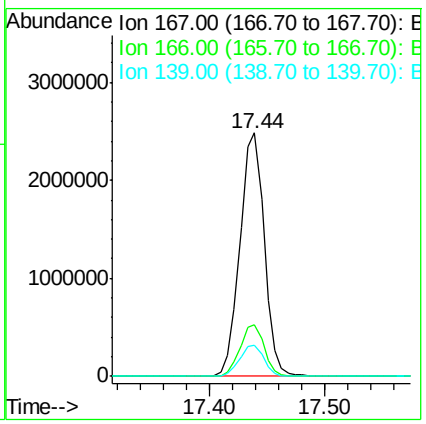


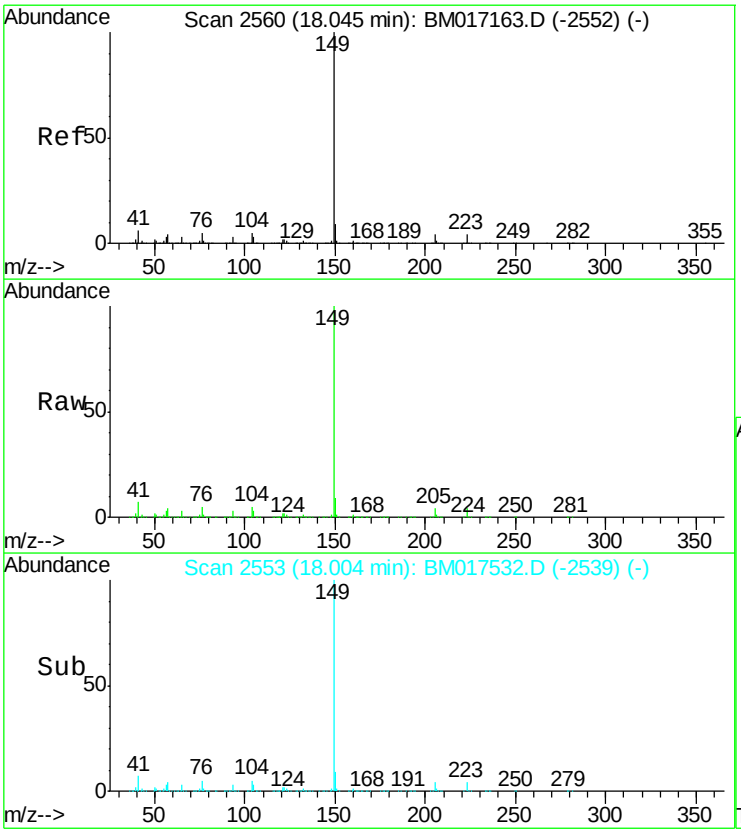
#73
Carbazole
Concen: 42.851 ng
RT: 17.44 min Scan# 2457
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 3646121

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.8	10.1	15.1

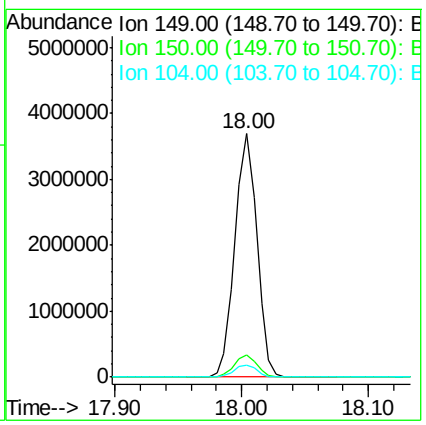


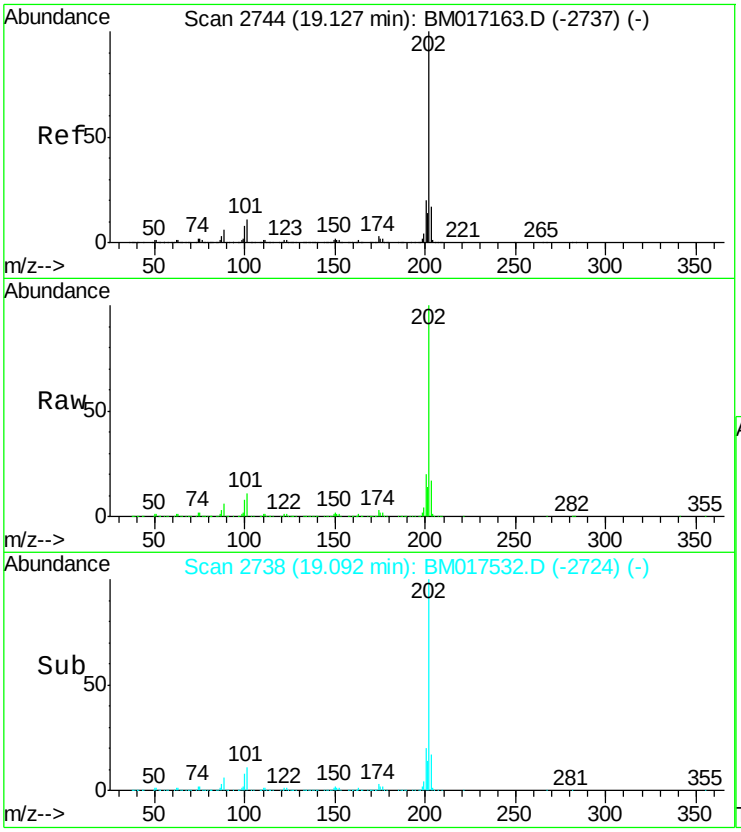


#74
Di-n-butylphthalate
Concen: 49.335 ng
RT: 18.00 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:149 Resp: 4427553

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.3	6.5



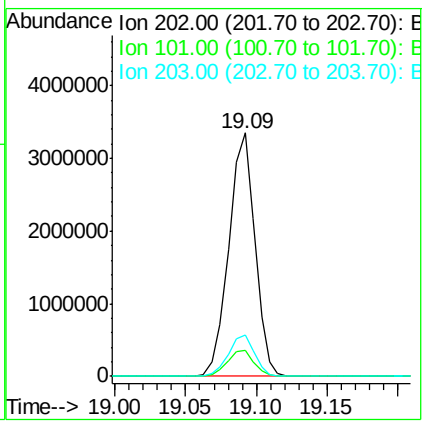


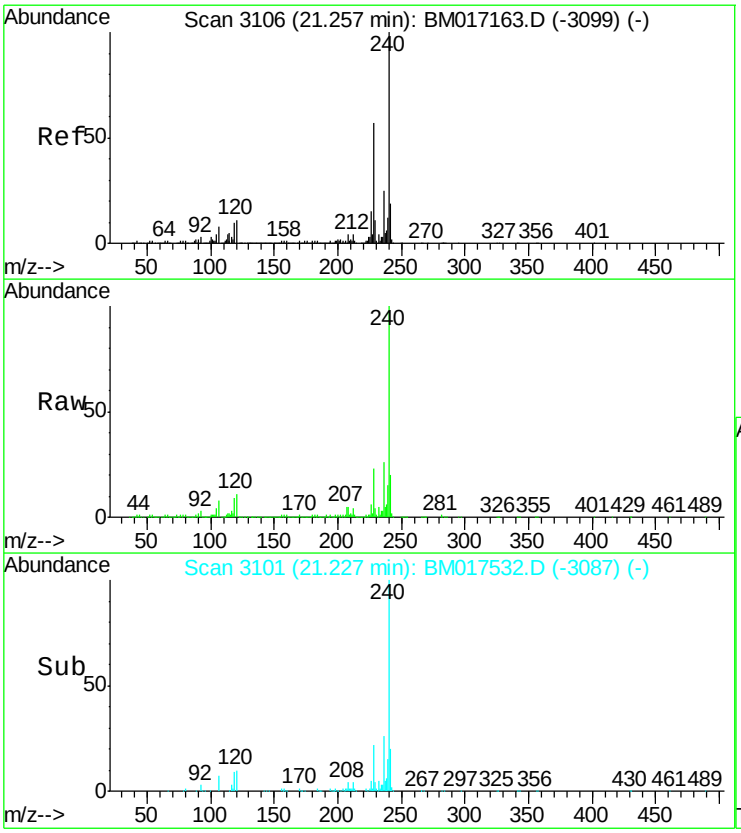
#75
Fluoranthene
Concen: 43.731 ng
RT: 19.09 min Scan# 2738
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 4313866

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.0
203	17.2	0.0	37.2

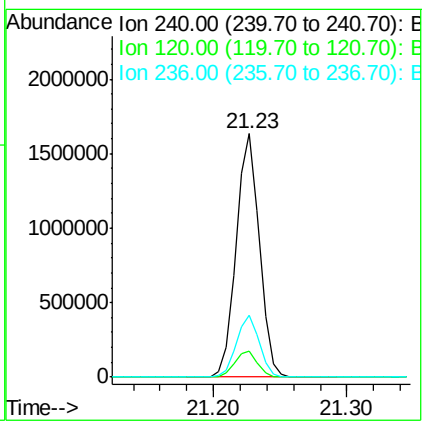


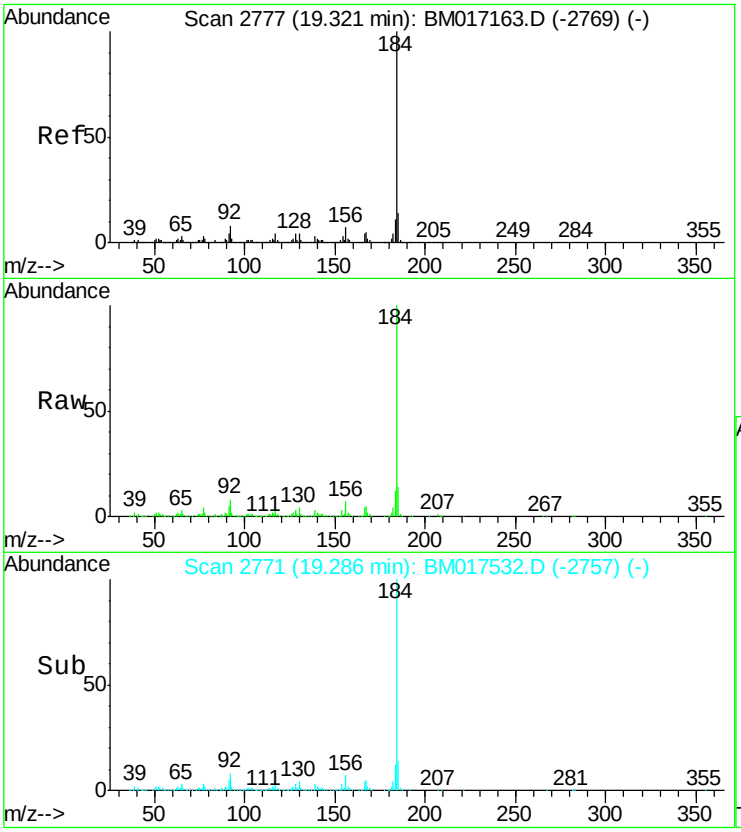


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:240 Resp: 1967558

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	25.5	19.9	29.9



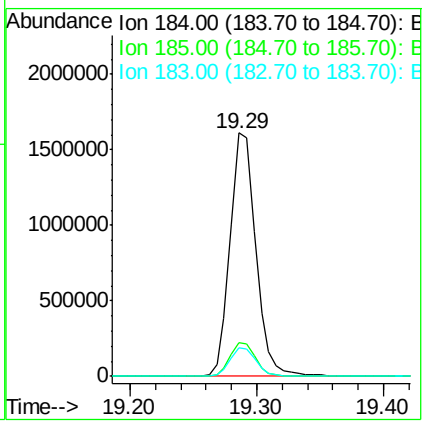


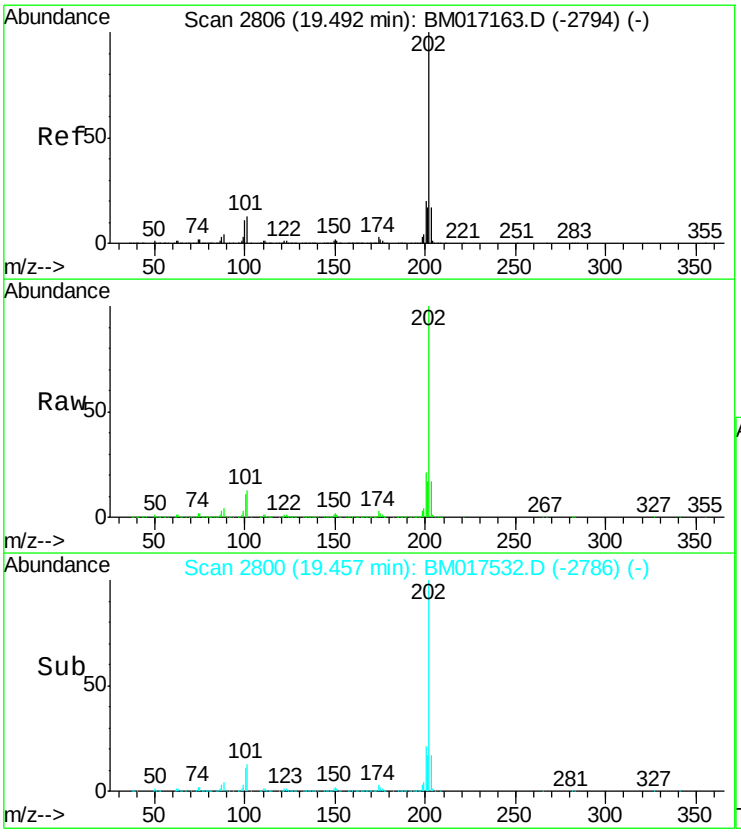
#77
Benzidine
Concen: 45.338 ng
RT: 19.29 min Scan# 2771
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 2261919

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.8	17.8
183	11.7	9.7	14.5

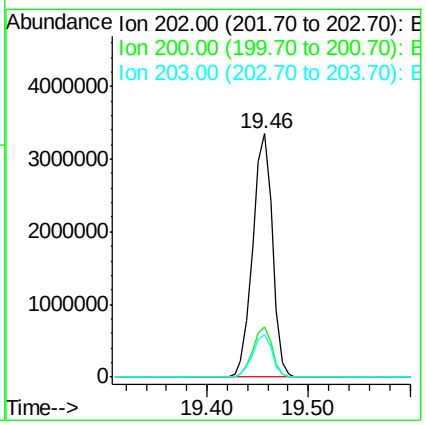


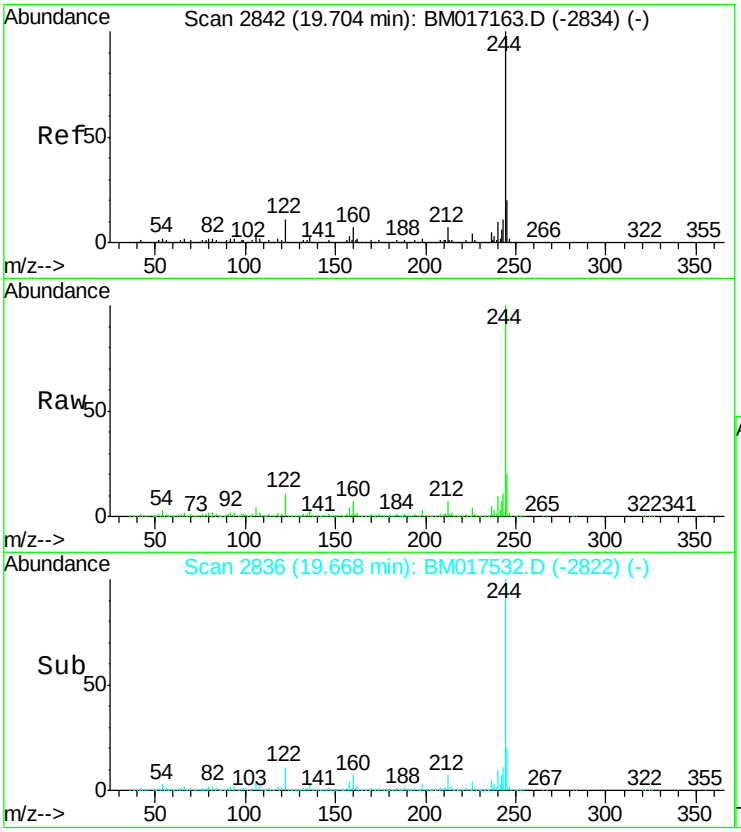


#78
Pyrene
Concen: 41.078 ng
RT: 19.46 min Scan# 2800
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:202 Resp: 4517296

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.5	13.9	20.9



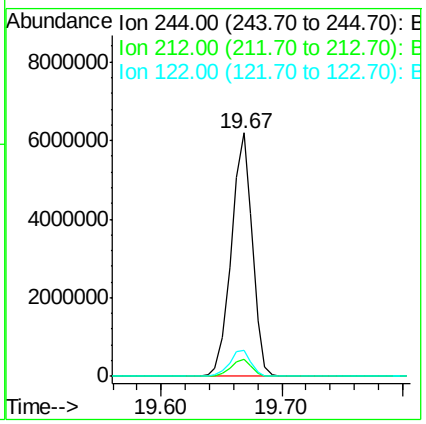


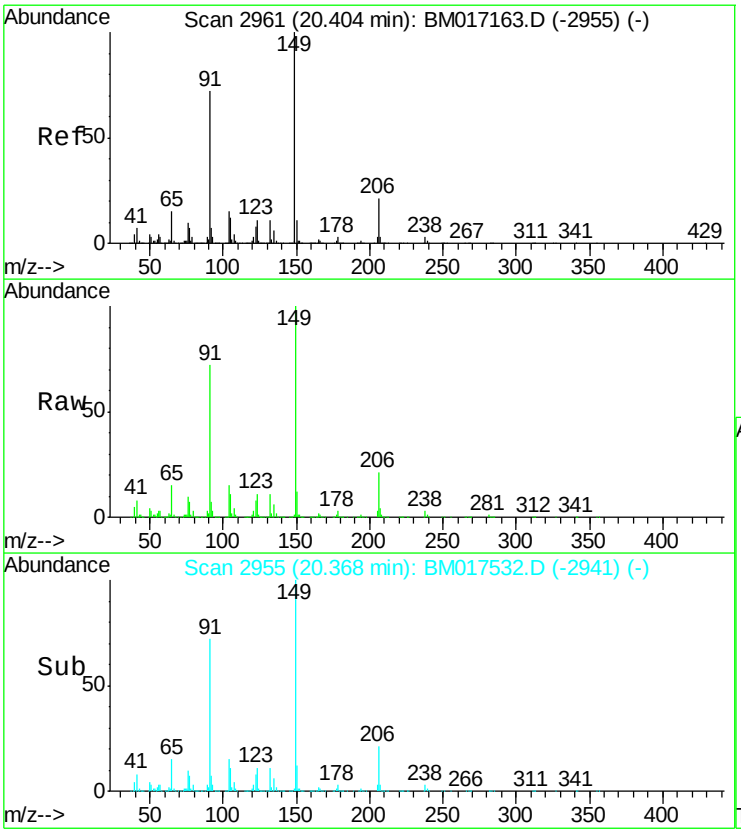
#79
Terphenyl-d14
Concen: 85.407 ng
RT: 19.67 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 7455318

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.9	8.4	12.6

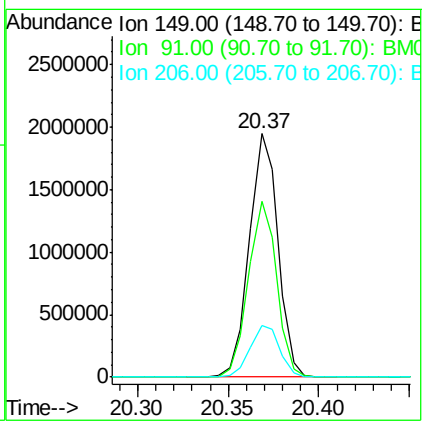


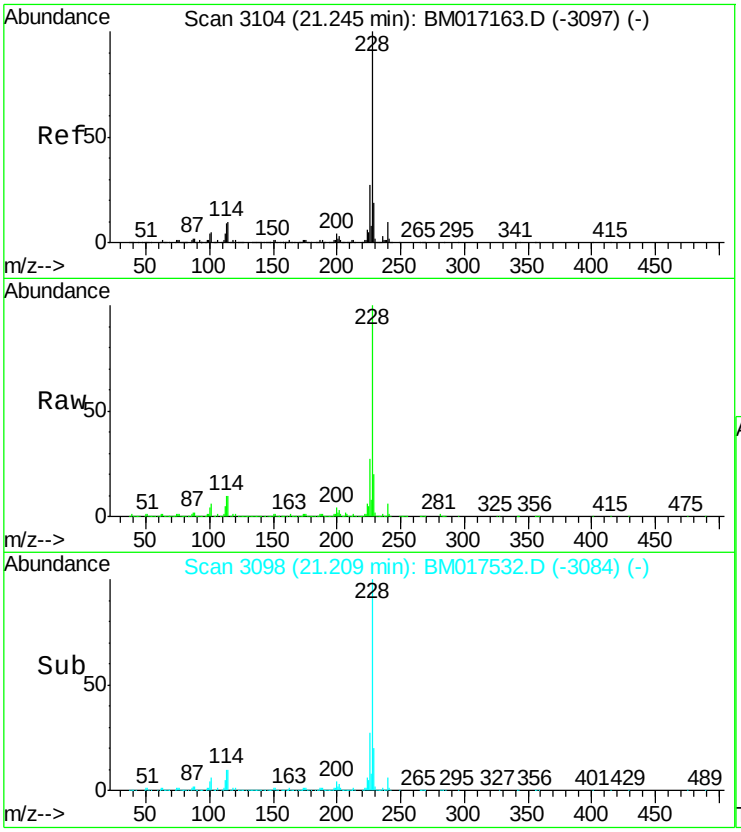


#80
Butylbenzylphthalate
Concen: 50.640 ng
RT: 20.37 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:149 Resp: 2138485

Ion	Ratio	Lower	Upper
149	100		
91	72.2	51.3	76.9
206	21.2	18.0	27.0



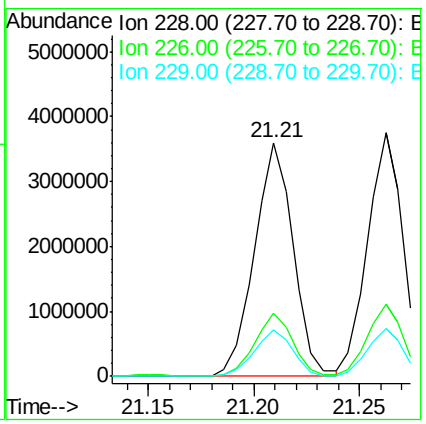


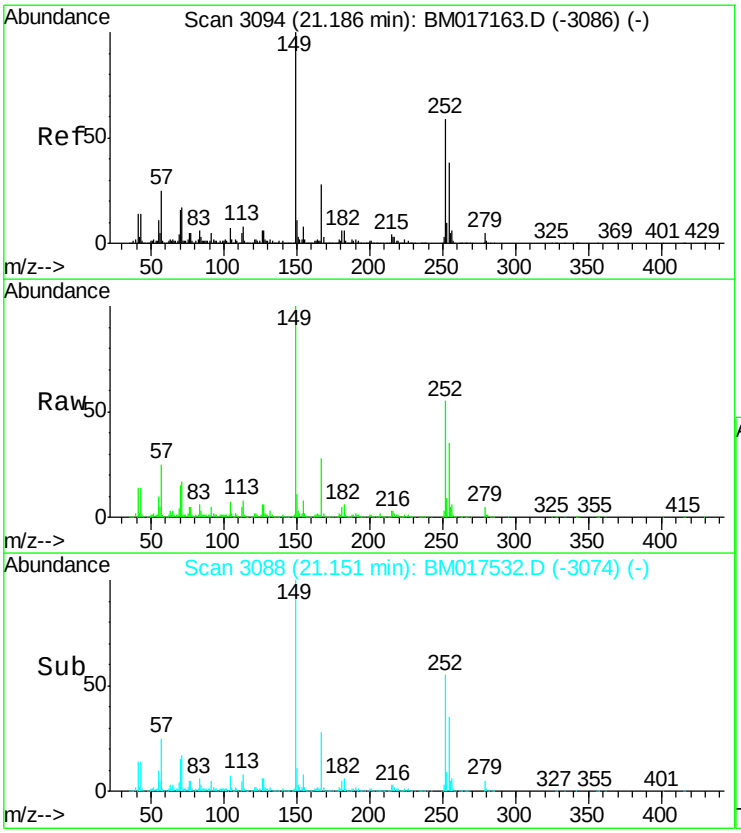
#81
Benzo(a)anthracene
Concen: 41.342 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 4577533

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.8	15.9	23.9

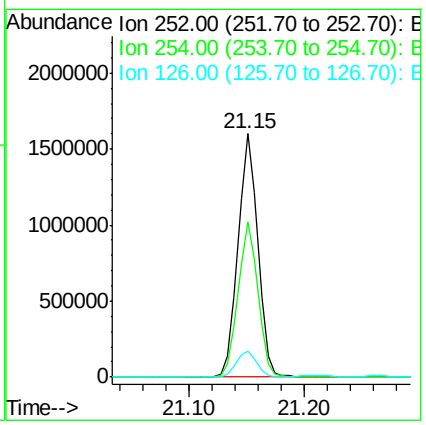


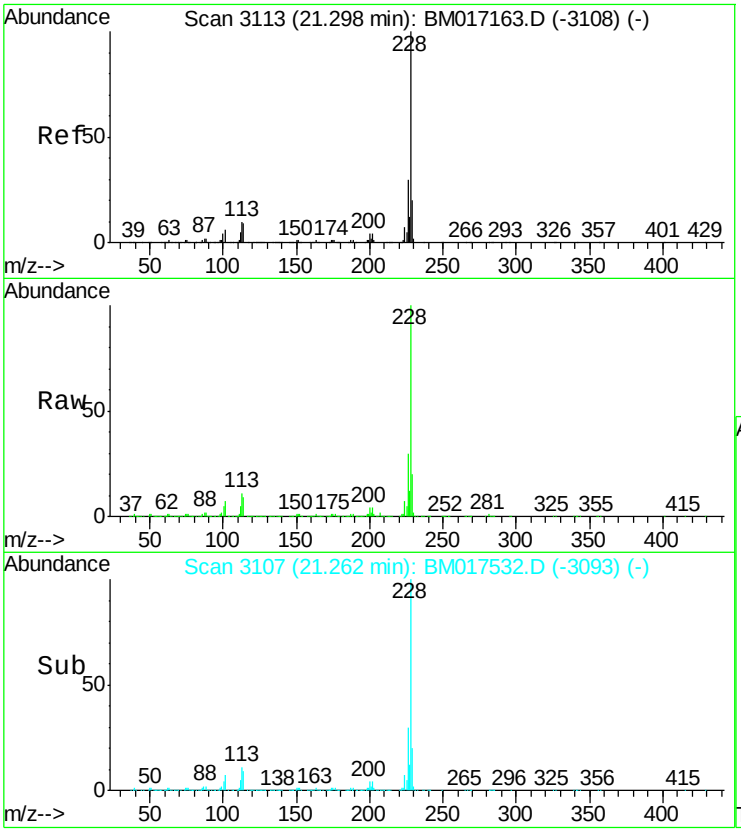


#82
3,3'-Dichlorobenzidine
Concen: 46.315 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:252 Resp: 1911256

Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.1	78.1
126	10.6	8.6	12.8



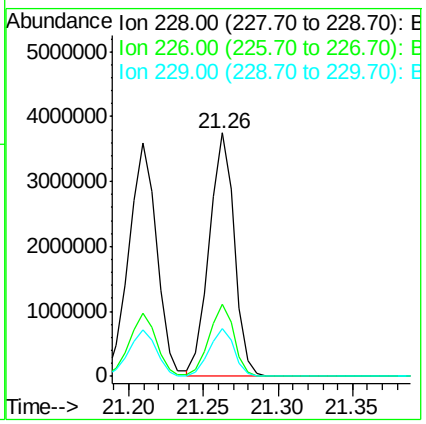


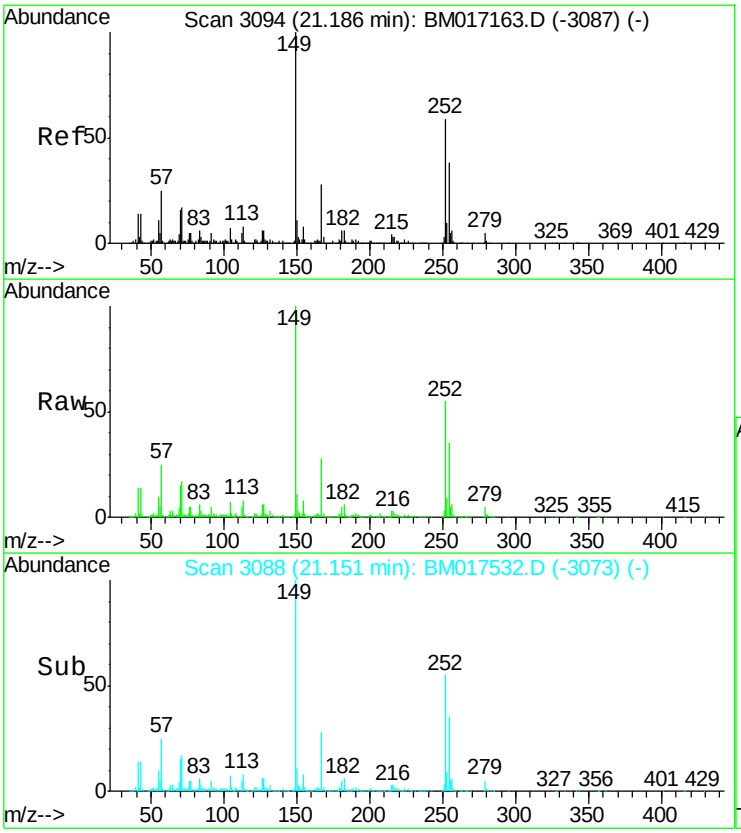
#83
Chrysene
Concen: 39.803 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 4362108

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	19.7	15.6	23.4

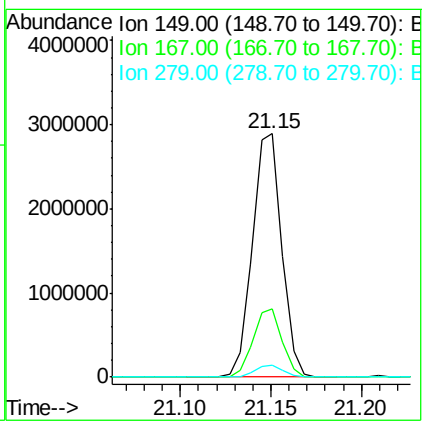


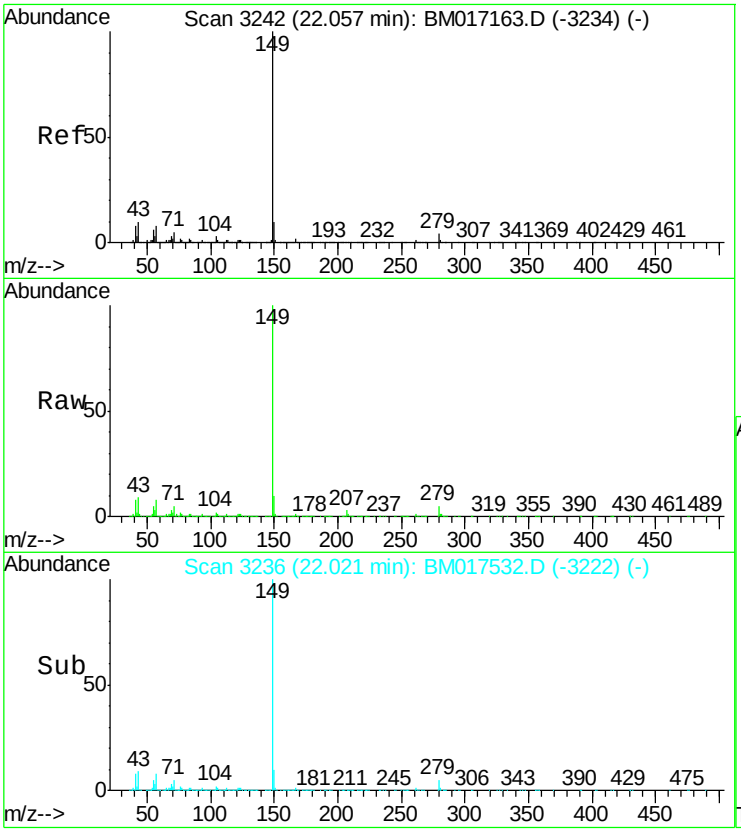


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.257 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:149 Resp: 3235679

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	5.0	3.6	5.4



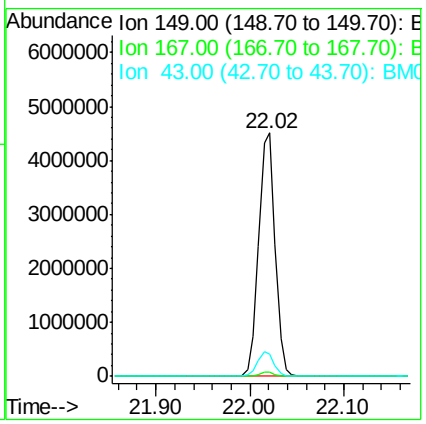


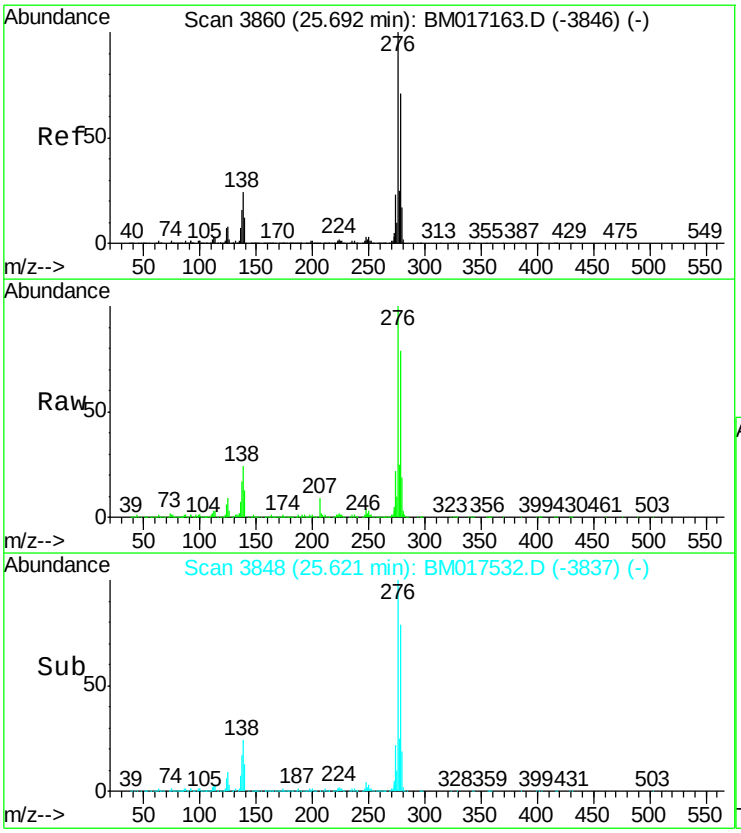
#85
Di-n-octyl phthalate
Concen: 50.030 ng
RT: 22.02 min Scan# 3236
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 5455417

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.0	7.2	10.8

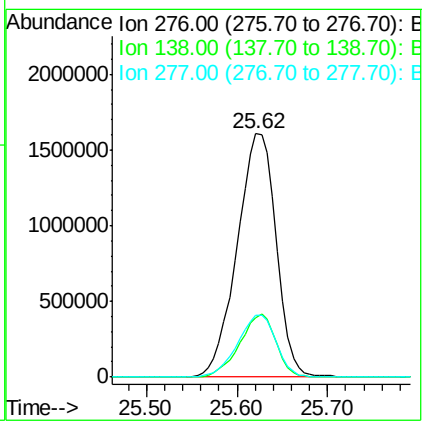


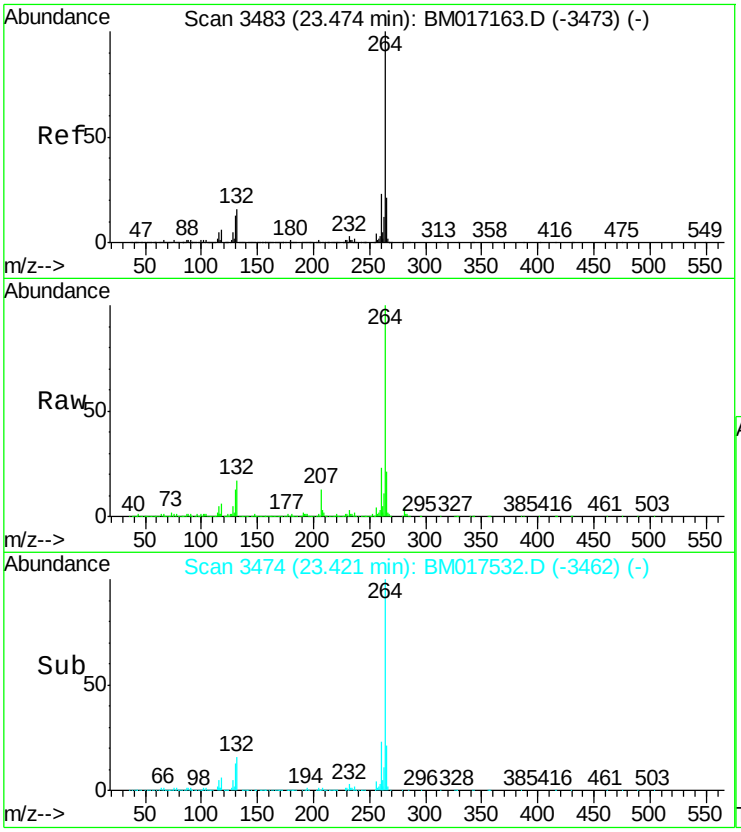


#86
Indeno(1,2,3-cd)pyrene
Concen: 39.061 ng
RT: 25.62 min Scan# 3848
Delta R.T. -0.04 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:276 Resp: 4788066

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.5	29.3
277	25.2	20.1	30.1



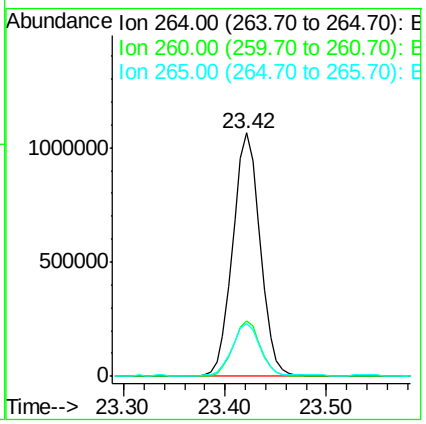


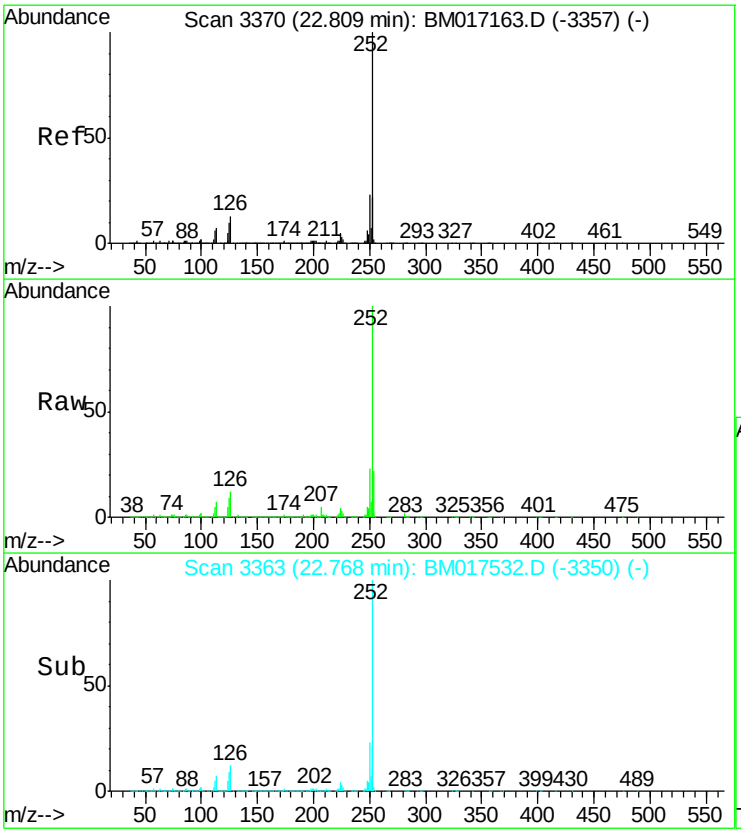
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3474
Delta R.T. -0.03 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:264 Resp: 2000384

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.5	17.8	26.8

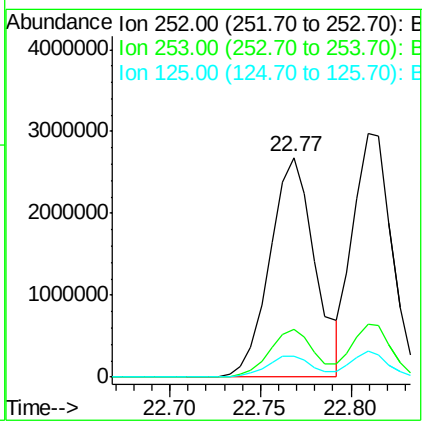


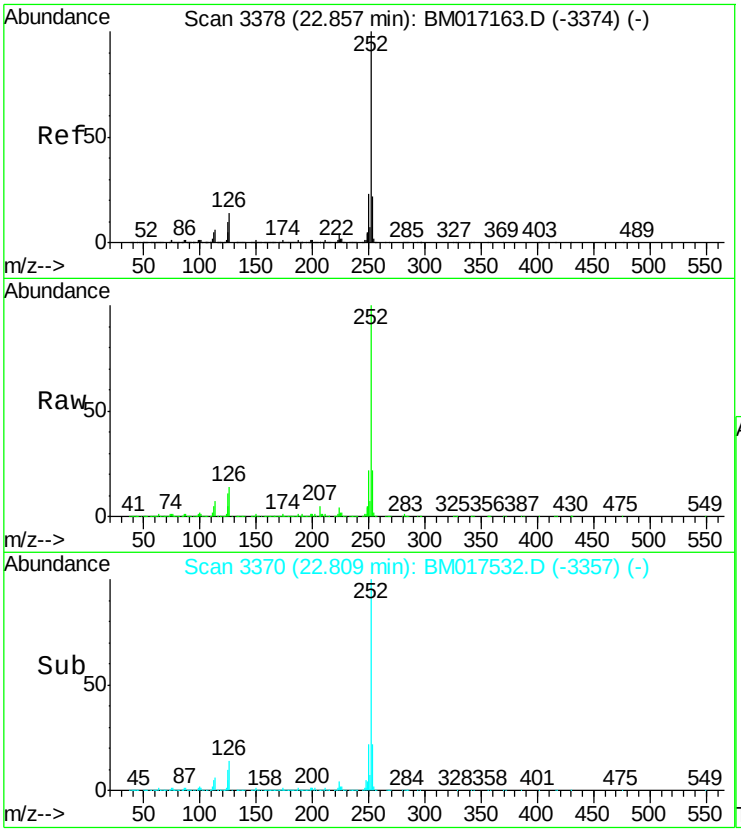


#88
Benzo(b)fluoranthene
Concen: 42.634 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:252 Resp: 4662849

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	9.5	7.5	11.3



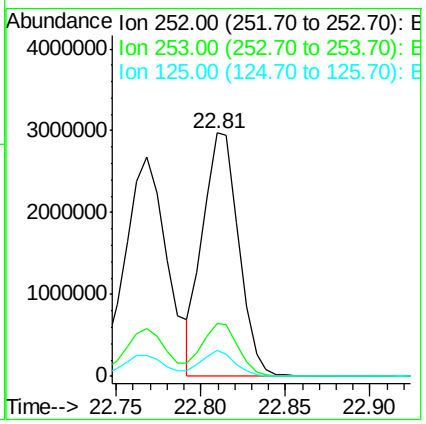


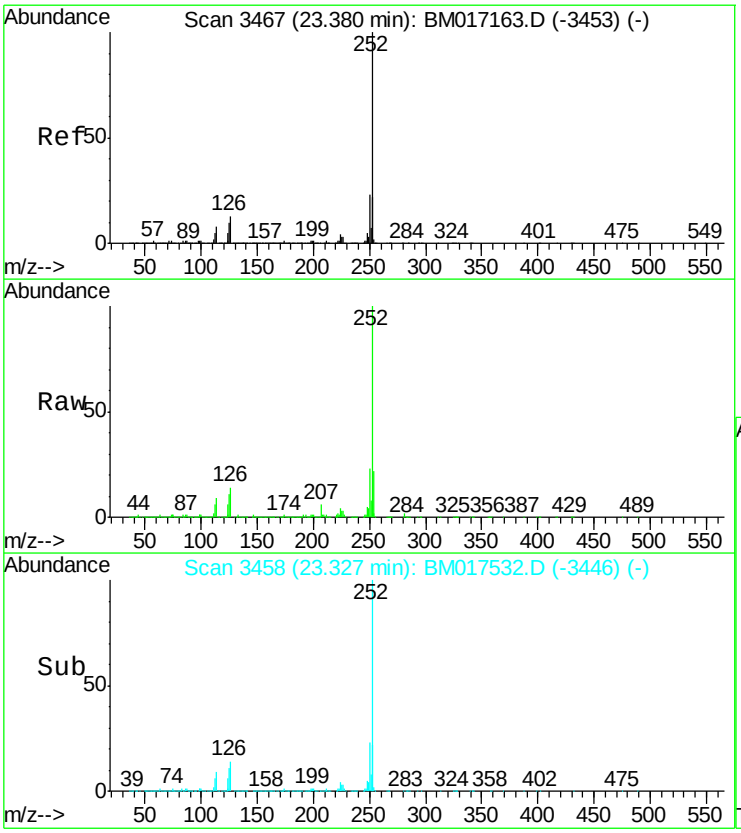
#89
Benzo(k)fluoranthene
Concen: 40.102 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 4400967

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.6	8.2	12.2

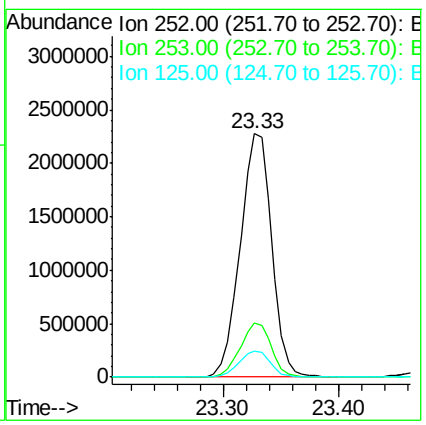


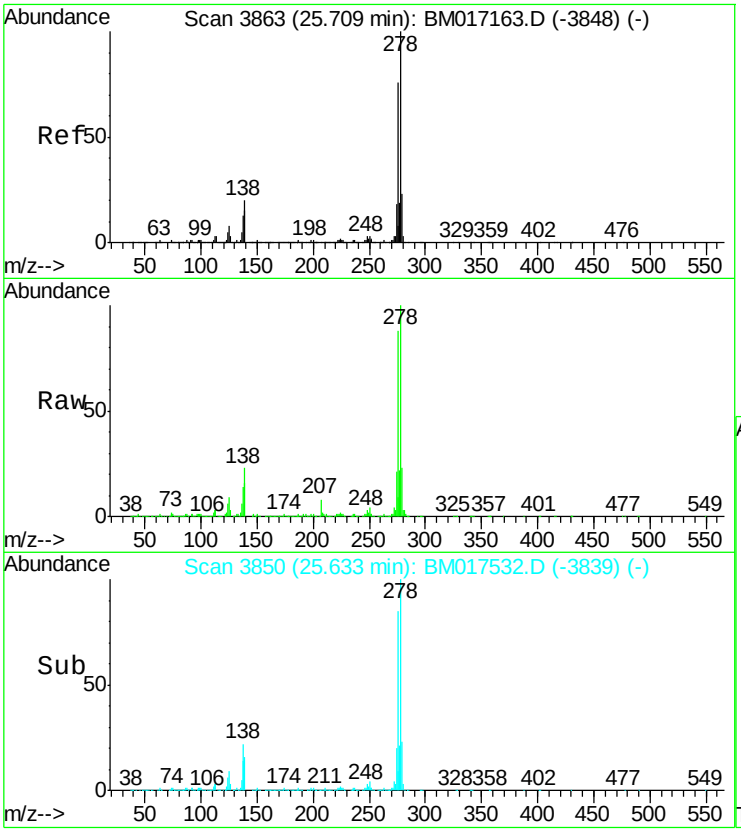


#90
Benzo(a)pyrene
Concen: 41.451 ng
RT: 23.33 min Scan# 3458
Delta R.T. -0.03 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:252 Resp: 4304356

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.7	8.6	13.0



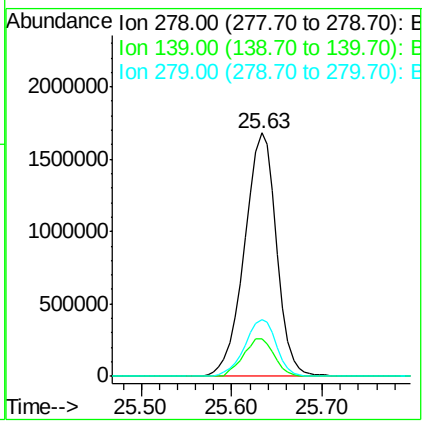


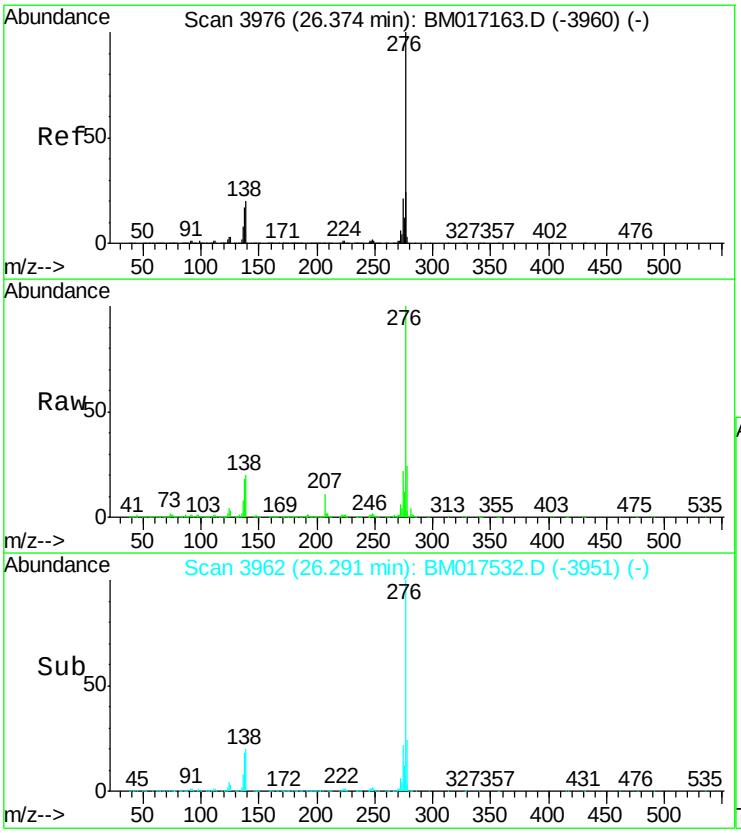
#91
Dibenzo(a,h)anthracene
Concen: 39.862 ng
RT: 25.63 min Scan# 3850
Delta R.T. -0.04 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

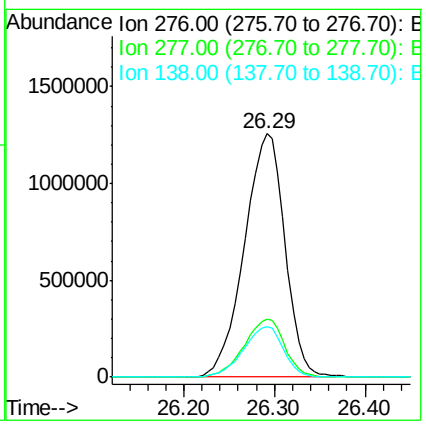
Tgt Ion:278 Resp: 4110178

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	23.5	18.7	28.1





#92
Benzo(g,h,i)perylene
Concen: 38.122 ng
RT: 26.29 min Scan# 3962
Delta R.T. -0.04 min
Lab File: BM017532.D
Acq: 06 Nov 2018 18:18

Tgt Ion:276 Resp: 3895952

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	20.5	16.4	24.6