Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016266.D
Acq On : 09 Aug 2018 02:51
Operator : SJ/JU
Sample : J4247-02MS 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 09 05:21:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 16:23:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	33099	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	137371	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	74182	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	153469	20.00	ng		0.00
75) Chrysene-d12	21.63	240	158342	20.00	ng		0.00
86) Perylene-d12	23.97	264	168720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	18948	9.51	ng		0.00
7) Phenol-d6	7.30	99	25361	9.75	ng		0.00
23) Nitrobenzene-d5	9.32	82	20413	6.91	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	8009	8.51	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	39641	6.50	ng		0.00
78) Terphenyl-d14	20.08	244	54532	7.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	2222	2.380	ng	#	100
4) n-Nitrosodimethylamine	3.85	42	4618	2.633	ng	#	27
8) 2-Chlorophenol	7.70	128	7726	3.262	ng		96
9) Benzaldehyde	7.29	77	6489	3.549	ng		88
10) Phenol	7.33	94	8066	3.100	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	5781	2.812	ng		89
12) 1,3-Dichlorobenzene	8.02	146	8888	3.206	ng	#	84
13) 1,4-Dichlorobenzene	8.17	146	8561	3.045	ng	#	85
14) 1,2-Dichlorobenzene	8.49	146	8632	3.138	ng	#	89
15) Benzyl Alcohol	8.41	79	6038	2.914	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.66	45	9814	3.120	ng		58
17) 2-Methylphenol	8.60	107	5918	3.328	ng	#	69
18) Hexachloroethane	9.20	117	3704	3.048	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	7337	3.858	ng	#	55
20) 3+4-Methylphenols	8.93	107	7096	2.773	ng	#	61
22) Acetophenone	8.98	105	10754	3.109	ng	#	76
24) Nitrobenzene	9.37	77	7909	2.660	ng	#	86
25) Isophorone	9.87	82	13007	3.220	ng	#	77
26) 2-Nitrophenol	10.08	139	4306	3.470	ng	#	1
27) 2,4-Dimethylphenol	10.13	122	7305	4.225	ng	#	83
28) bis(2-Chloroethoxy)methane	10.36	93	10153	3.867	ng	#	14
29) 2,4-Dichlorophenol	10.63	162	5729	2.788	ng	#	79
30) 1,2,4-Trichlorobenzene	10.82	180	7814	3.130	ng	#	84
31) Naphthalene	11.00	128	26003	3.740	ng		96
33) 4-Chloroaniline	11.15	127	6327	2.230	ng	#	47
34) Hexachlorobutadiene	11.26	225	5406	3.122	ng		90
35) Caprolactam	11.92	113	17829	31.331	ng	#	1
36) 4-Chloro-3-methylphenol	12.26	107	6289	2.783	ng	#	75
37) 2-Methylnaphthalene	12.60	142	16850	3.618	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	8488	3.361	ng	#	100
42) 2,4,6-Trichlorophenol	13.22	196	4687	2.966	ng		91
43) 2,4,5-Trichlorophenol	13.31	196	3682	2.259	ng	#	1
45) 1,1'-Biphenyl	13.60	154	23488	3.508	ng		95
46) 2-Chloronaphthalene	13.66	162	17358	3.334	ng	#	70

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Operator : SJ/JU
Sample : J4247-02MS 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 09 05:21:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 16:23:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	13.88	65	5200	3.021	ng	#	45
48) Acenaphthylene	14.50	152	30176	3.959	ng	#	79
49) Dimethylphthalate	14.22	163	28492	4.389	ng	#	97
50) 2,6-Dinitrotoluene	14.36	165	5032	3.852	ng	#	77
51) Acenaphthene	14.83	154	16350	3.488	ng		91
52) 3-Nitroaniline	14.72	138	5010	3.551	ng	#	82
54) Dibenzofuran	15.17	168	25190	3.261	ng	#	67
56) 2,4-Dinitrotoluene	15.16	165	9277	4.967	ng	#	80
57) Fluorene	15.82	166	20898	3.640	ng		85
58) 2,3,4,6-Tetrachlorophenol	15.40	232	5282	3.770	ng	#	100
59) Diethylphthalate	15.57	149	32483	4.642	ng	#	91
60) 4-Chlorophenyl-phenylether	15.80	204	11884	3.719	ng	#	23
62) Azobenzene	16.09	77	23903	3.244	ng		77
65) n-Nitrosodiphenylamine	16.02	169	21106	4.177	ng		94
66) 4-Bromophenyl-phenylether	16.69	248	6496	3.738	ng	#	11
67) Hexachlorobenzene	16.81	284	6203	3.241	ng	#	6
68) Atrazine	16.96	200	9164	5.060	ng		84
69) Pentachlorophenol	17.16	266	5290	4.464	ng		90
70) Phenanthrene	17.55	178	29603	3.445	ng	#	83
71) Anthracene	17.64	178	29921	3.583	ng	#	85
72) Carbazole	17.92	167	32385	3.743	ng	#	74
73) Di-n-butylphthalate	18.43	149	38902	3.609	ng	#	90
74) Fluoranthene	19.54	202	34207	3.569	ng		94
77) Pyrene	19.90	202	42497	4.479	ng		97
79) Butylbenzylphthalate	20.76	149	16979	3.522	ng	#	70
80) Benzo(a)anthracene	21.62	228	37326	3.827	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	9666	2.461	ng	#	93
82) Chrysene	21.67	228	34271	3.663	ng		97
83) Bis(2-ethylhexyl)phthalate	21.51	149	27428	3.926	ng		92
84) Di-n-octyl phthalate	22.41	149	42404	3.611	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.36	276	41552	3.743	ng	#	95
87) Benzo(b)fluoranthene	23.26	252	38086	3.834	ng	#	95
88) Benzo(k)fluoranthene	23.26	252	36780	3.653	ng		95
89) Benzo(a)pyrene	23.87	252	36595	3.832	ng		99
90) Dibenzo(a,h)anthracene	26.35	278	34718	3.509	ng		96
91) Benzo(g,h,i)perylene	27.10	276	34015	3.635	ng	#	90

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

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Acq On : 09 Aug 2018 02:51
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Misc :
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Instrument :
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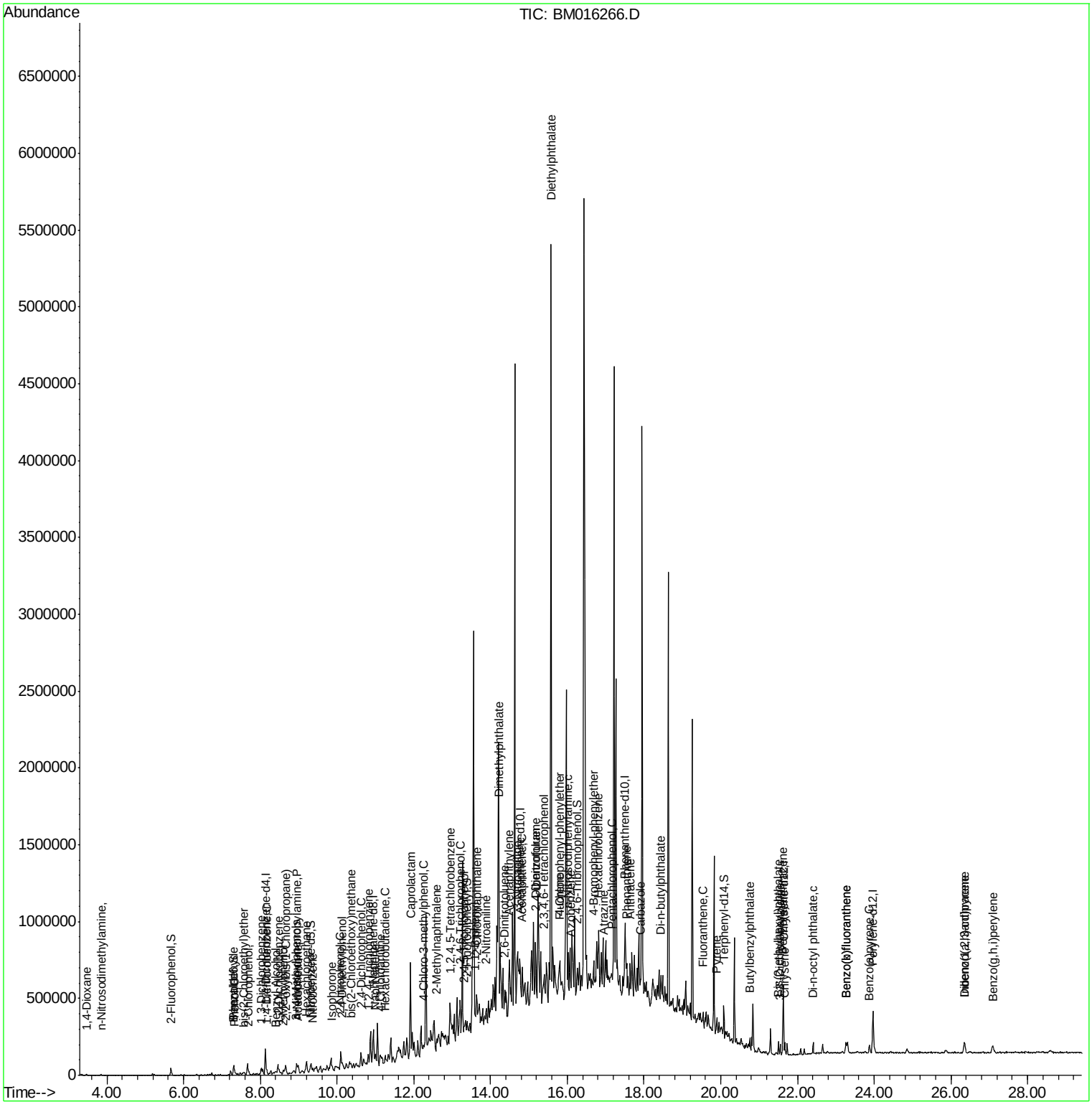
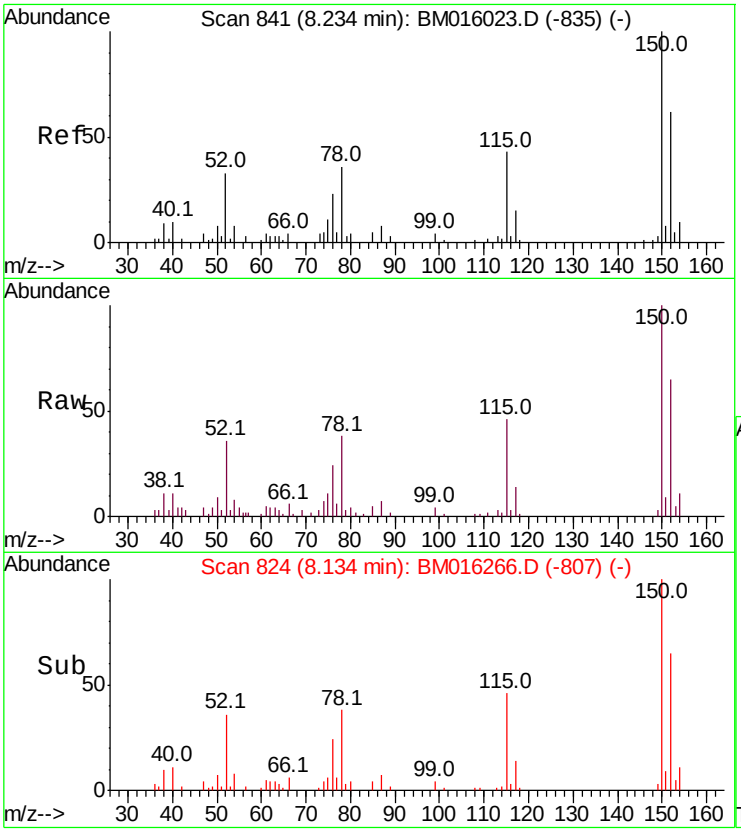


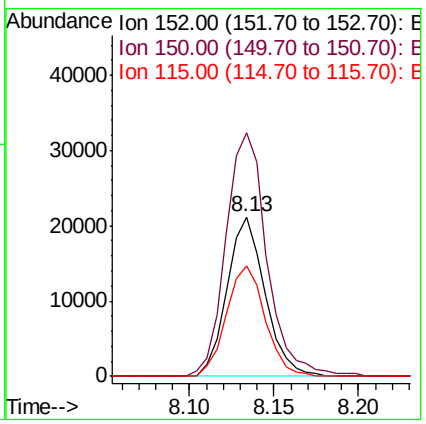


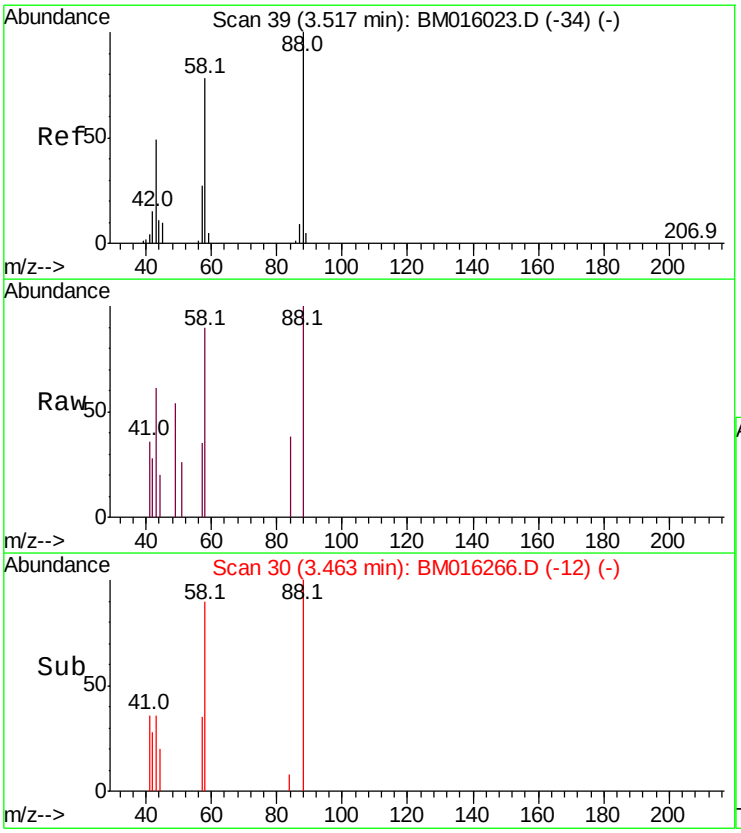
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 33099

Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	69.7	43.0	64.4#

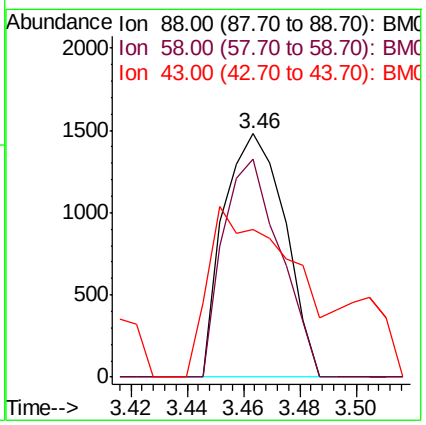


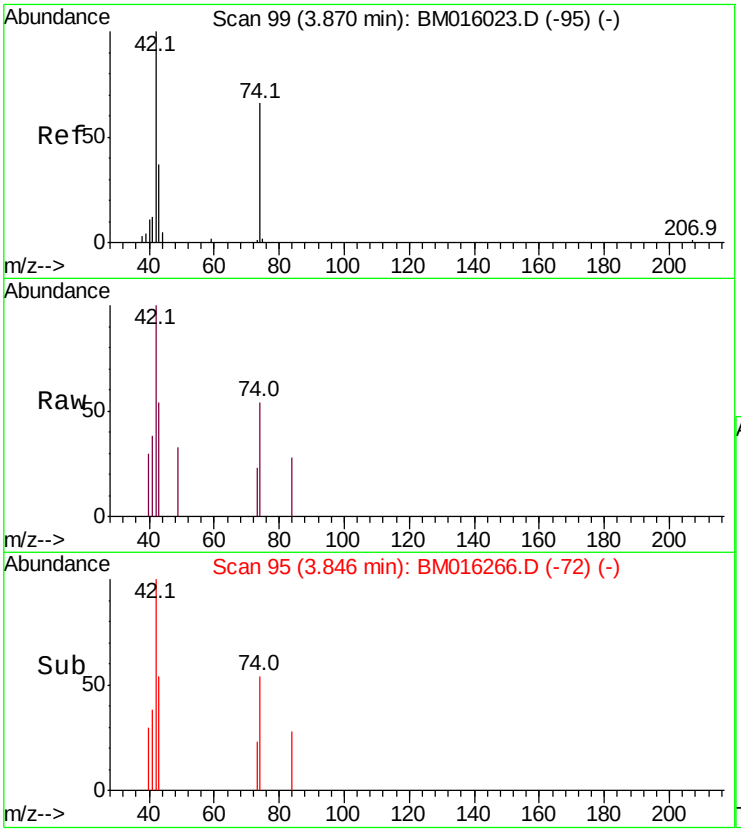


#2
1,4-Dioxane
Concen: 2.380 ng
RT: 3.46 min Scan# 30
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion: 88 Resp: 2222

Ion	Ratio	Lower	Upper
88	100		
58	83.8	0.0	0.0#
43	99.7	0.0	0.0#



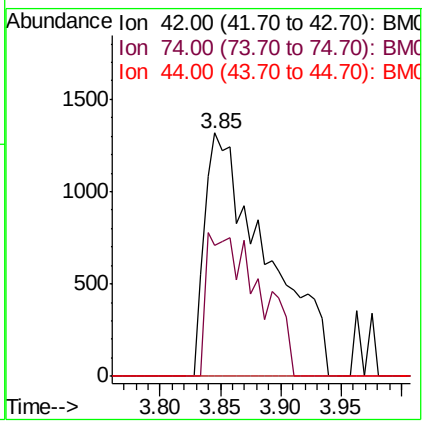


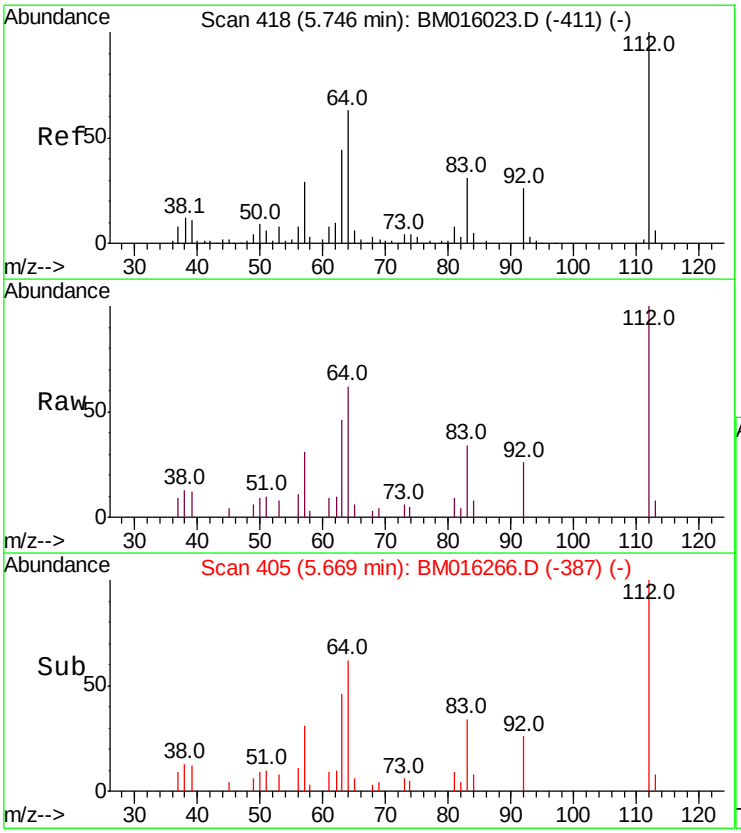
#4
n-Nitrosodimethylamine
Concen: 2.633 ng
RT: 3.85 min Scan# 95
Delta R.T. 0.04 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 4618

Ion	Ratio	Lower	Upper
42	100		
74	53.9	119.3	178.9#
44	0.0	5.4	8.2#

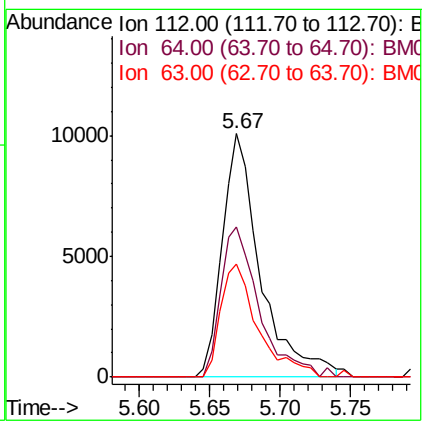


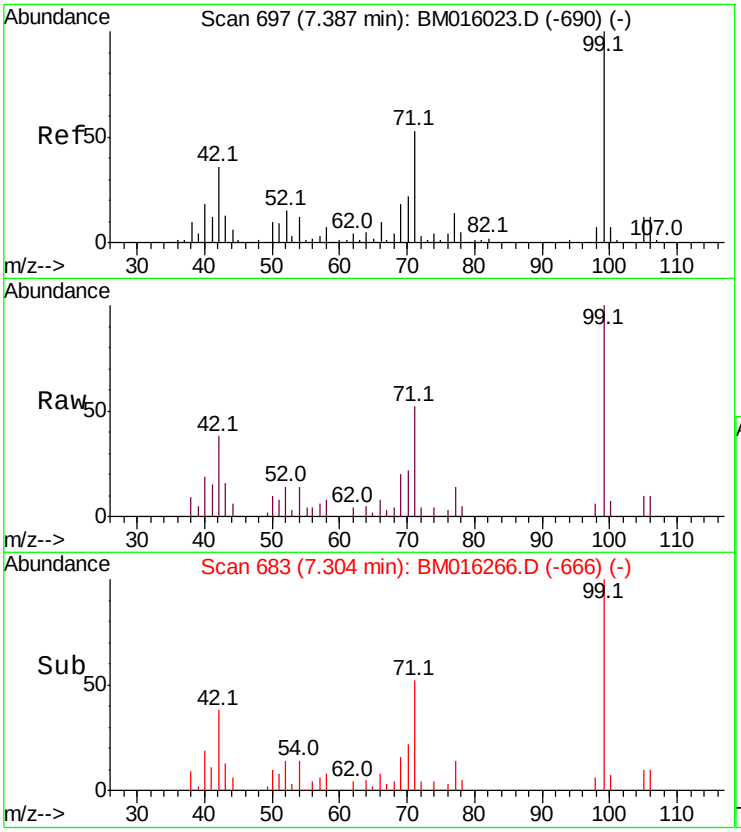


#5
2-Fluorophenol
Concen: 2.633 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:112 Resp: 18948

Ion	Ratio	Lower	Upper
112	100		
64	61.6	38.6	57.8#
63	46.4	19.3	28.9#



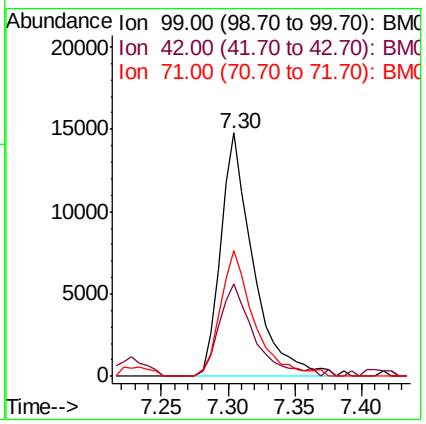


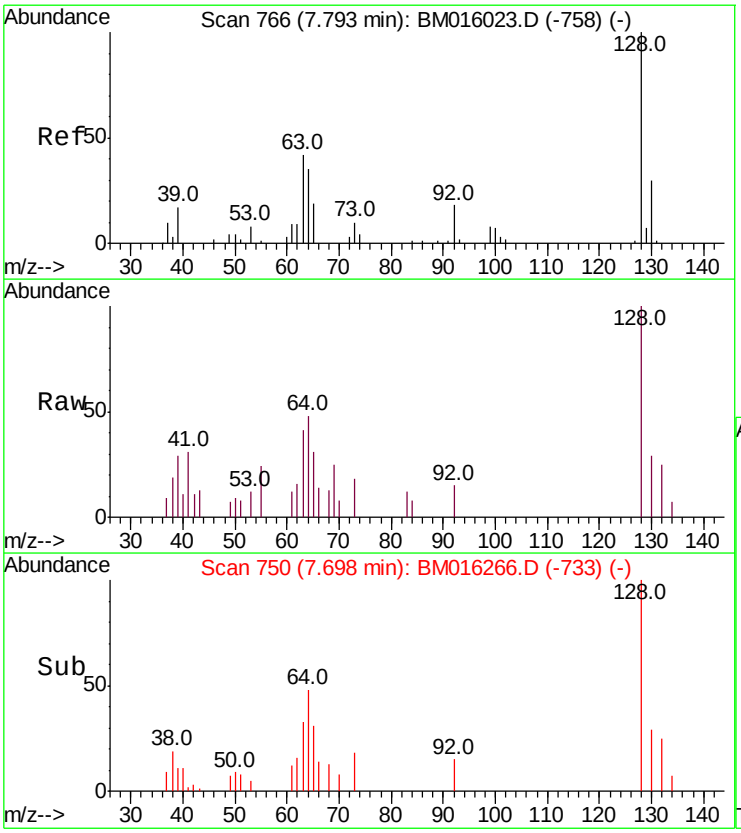
#7
Phenol-d6
Concen: Below ng
RT: 7.30 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 25361

Ion	Ratio	Lower	Upper
99	100		
42	37.8	11.0	16.4#
71	51.7	23.4	35.2#

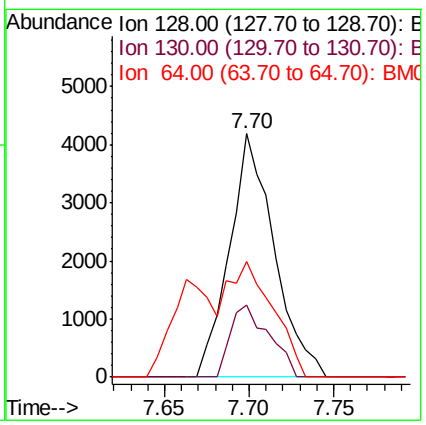


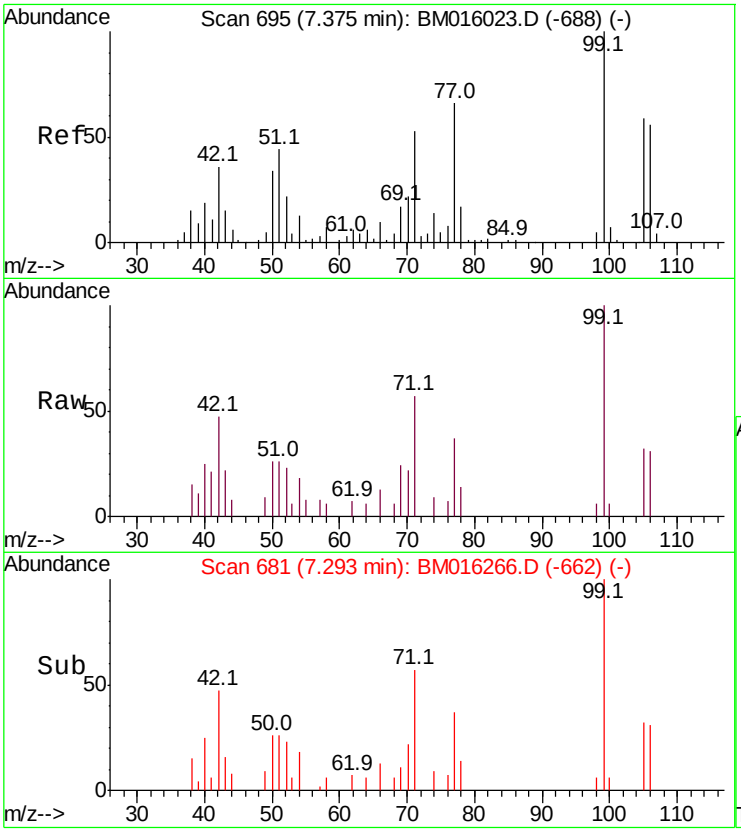


#8
2-Chlorophenol
Concen: 3.262 ng
RT: 7.70 min Scan# 750
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:128 Resp: 7726

Ion	Ratio	Lower	Upper
128	100		
130	29.5	12.0	52.0
64	47.7	24.9	64.9



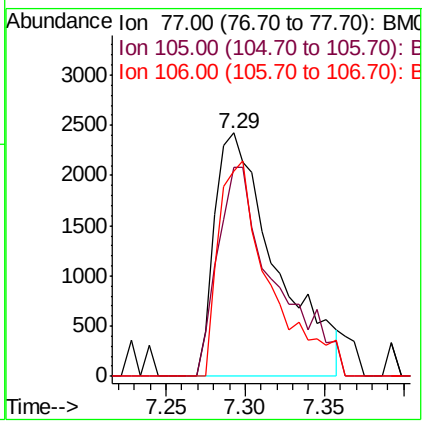


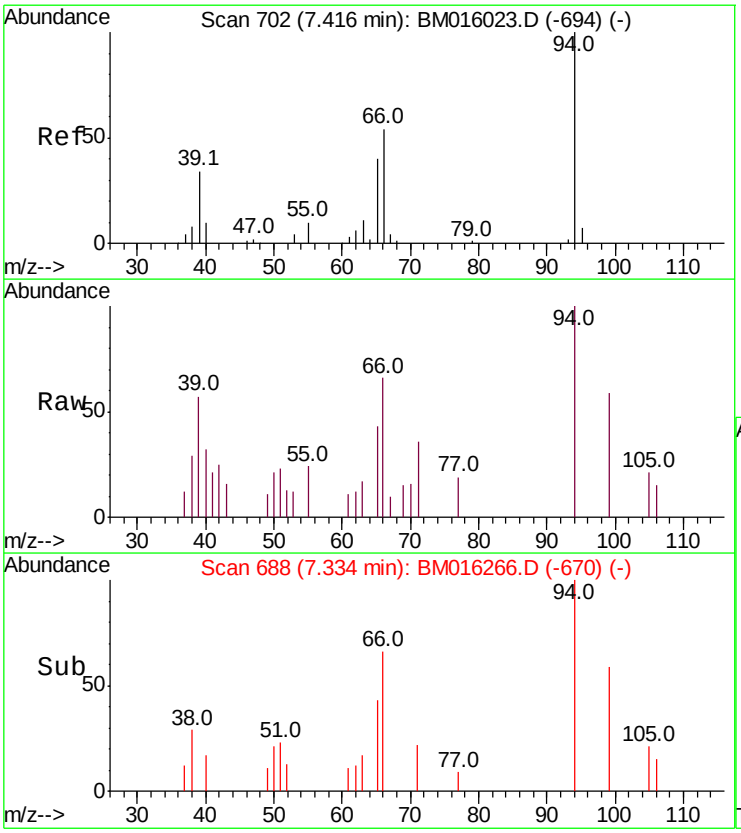
#9
Benzaldehyde
Concen: 3.549 ng
RT: 7.29 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 6489

Ion	Ratio	Lower	Upper
77	100		
105	85.6	78.8	118.8
106	84.3	73.7	113.7

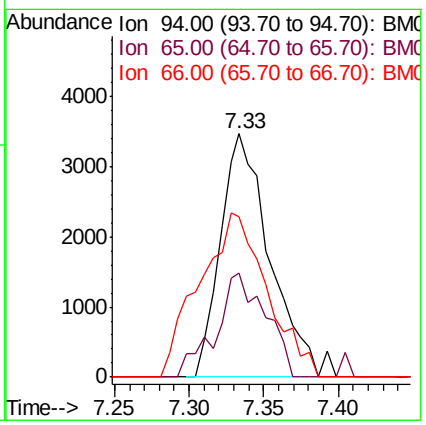


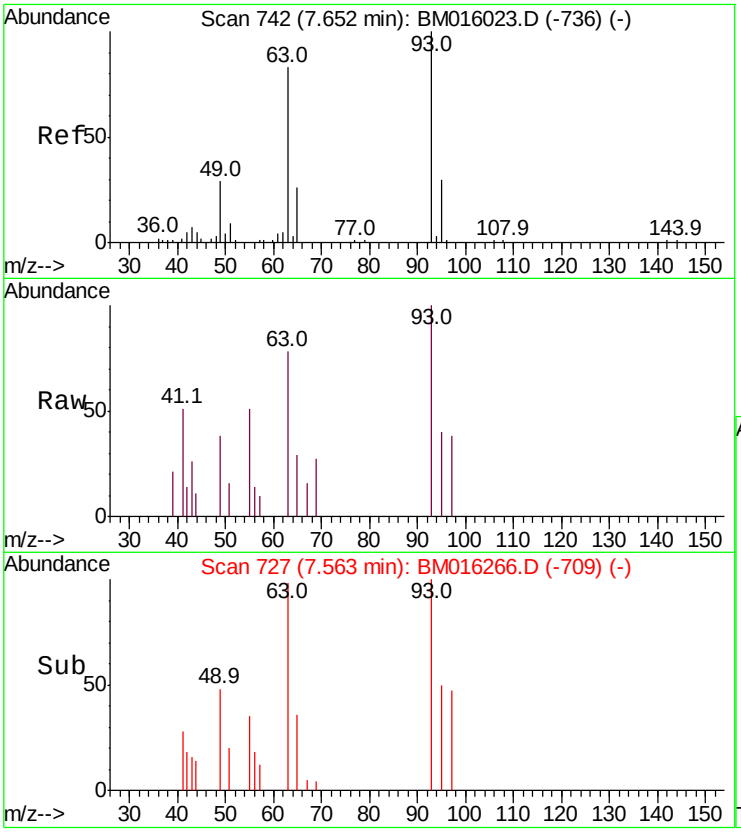


#10
Phenol
Concen: 3.100 ng
RT: 7.33 min Scan# 688
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion: 94 Resp: 8066

Ion	Ratio	Lower	Upper
94	100		
65	42.9	18.8	58.8
66	65.7	39.9	79.9



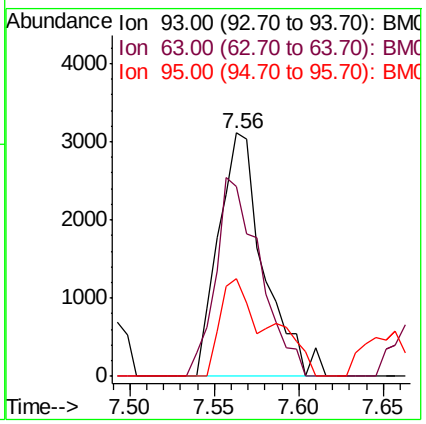


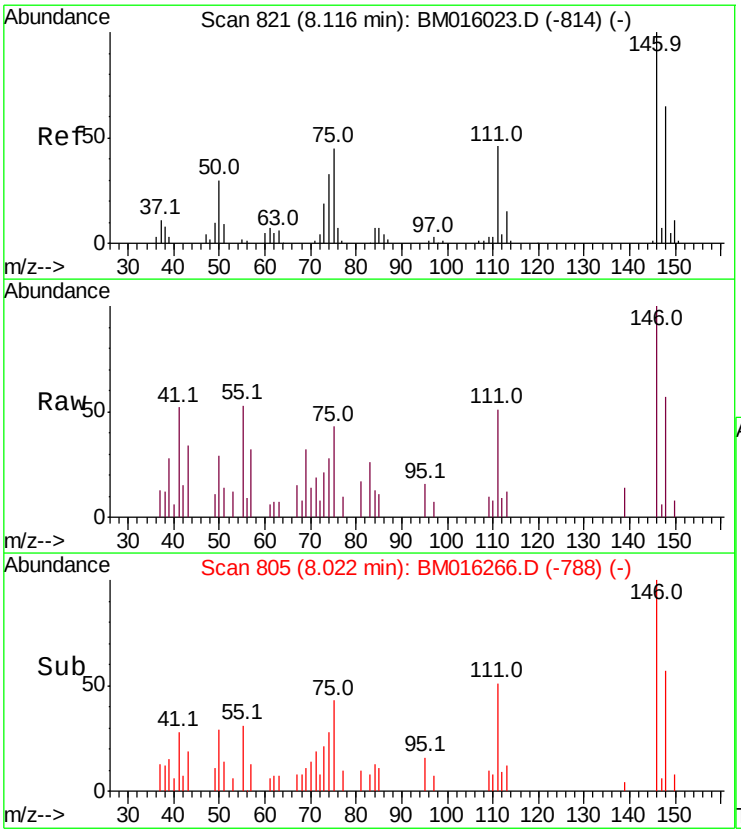
#11
bis(2-Chloroethyl)ether
Concen: 2.812 ng
RT: 7.56 min Scan# 727
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 5781

Ion	Ratio	Lower	Upper
93	100		
63	77.9	49.5	89.5
95	39.9	13.5	53.5

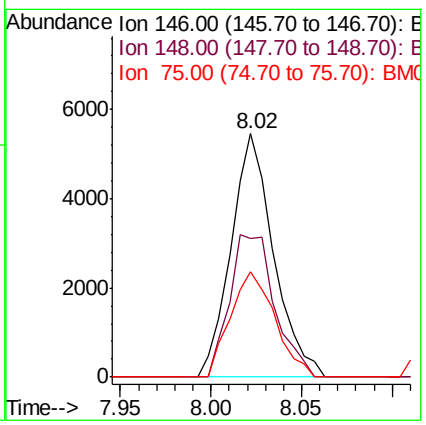


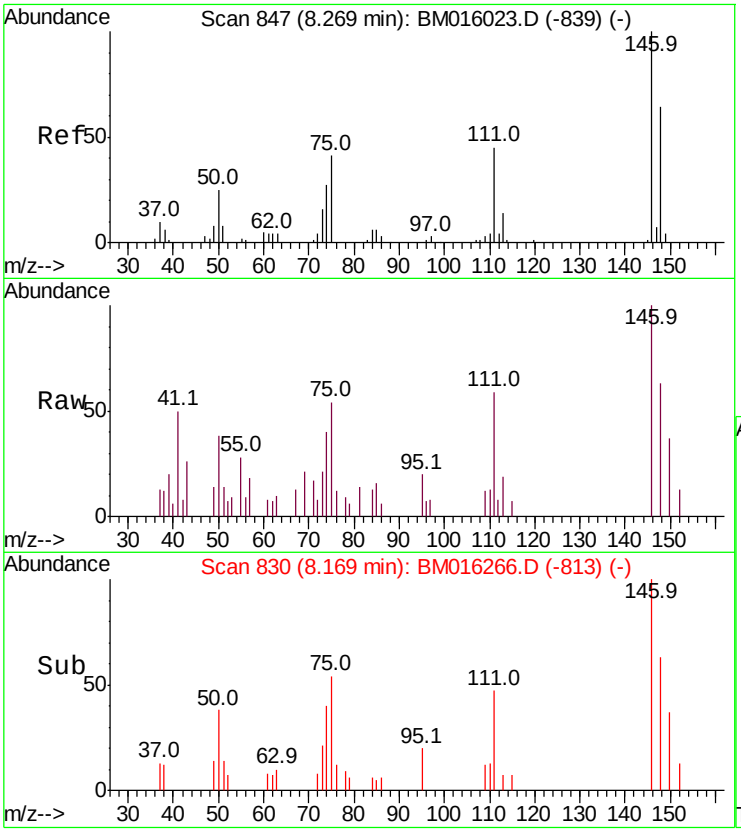


#12
1,3-Dichlorobenzene
Concen: 3.206 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:146 Resp: 8888

Ion	Ratio	Lower	Upper
146	100		
148	56.7	50.9	76.3
75	43.4	21.4	32.2#



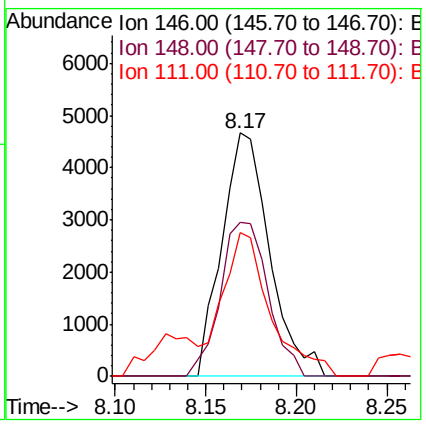


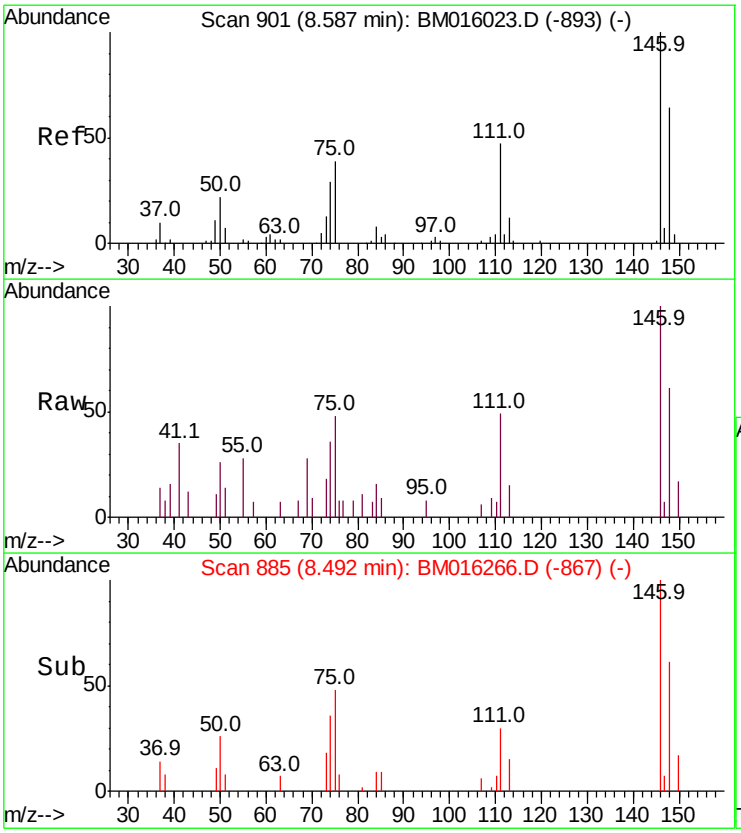
#13
1,4-Dichlorobenzene
Concen: 3.045 ng
RT: 8.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:146 Resp: 8561

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	59.2	29.2	43.8#

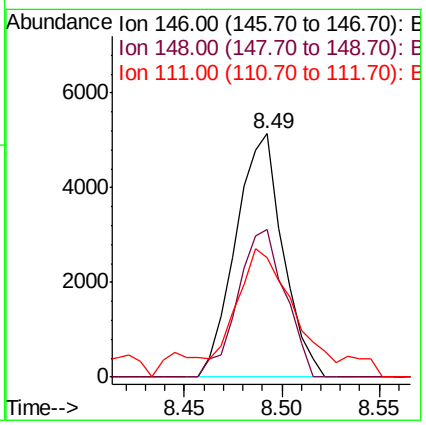


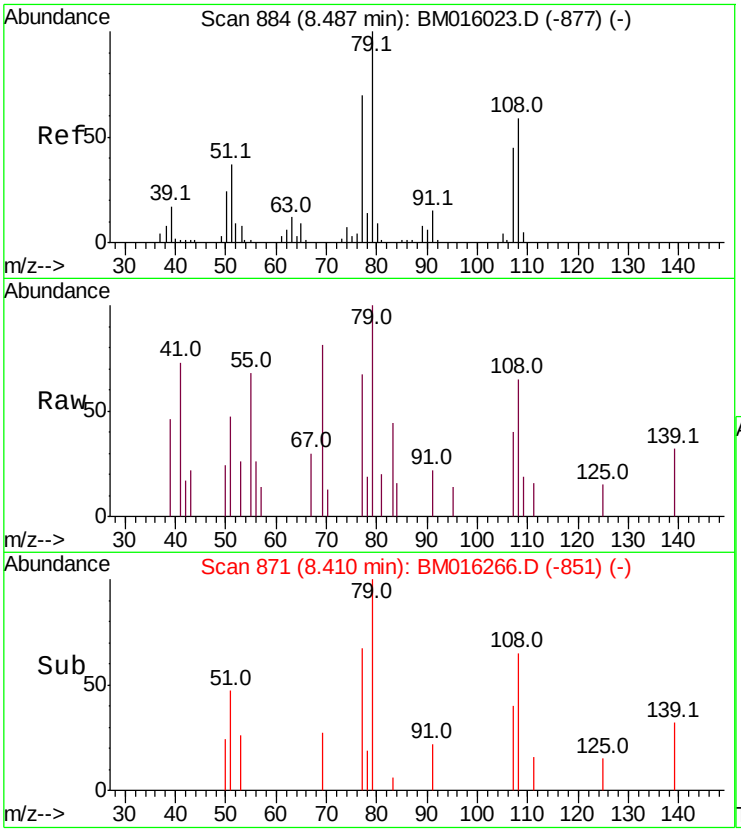


#14
1,2-Dichlorobenzene
Concen: 3.138 ng
RT: 8.49 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:146 Resp: 8632

Ion	Ratio	Lower	Upper
146	100		
148	60.5	52.3	78.5
111	49.1	30.6	45.8#



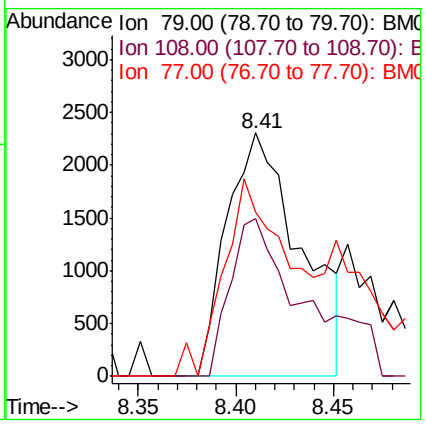


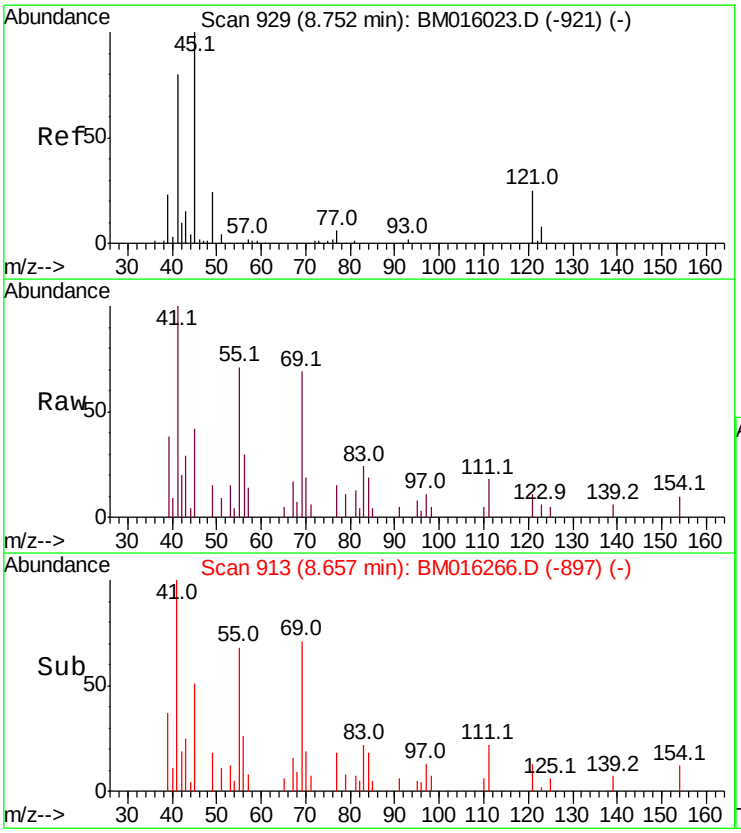
#15
Benzyl Alcohol
Concen: 2.914 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.02 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 6038

Ion	Ratio	Lower	Upper
79	100		
108	64.9	65.0	97.4#
77	67.2	53.0	79.6

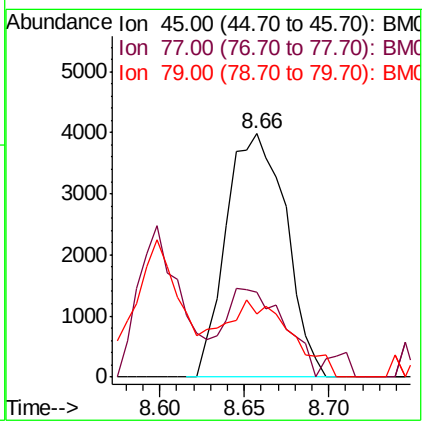


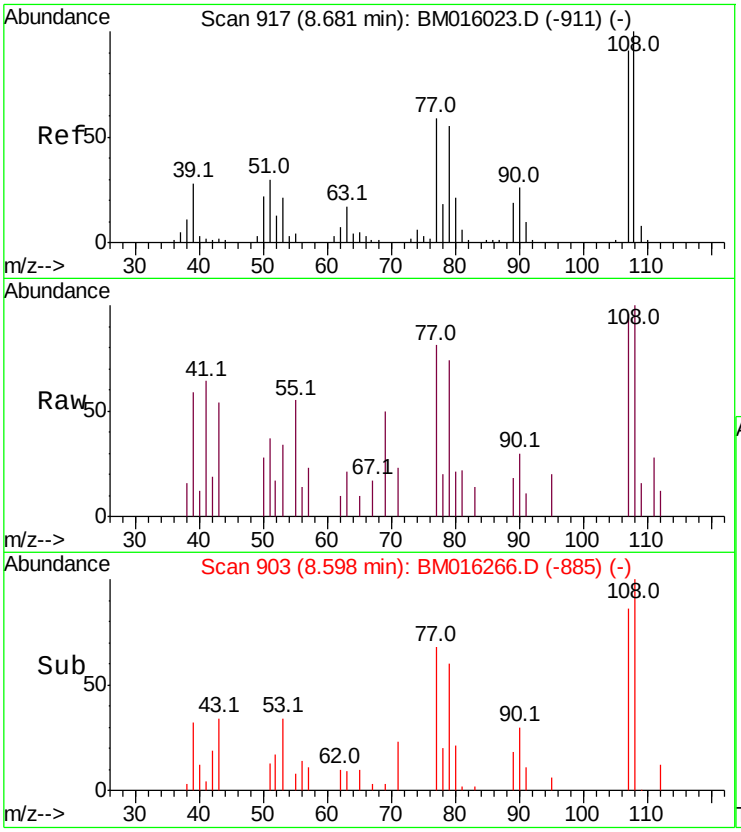


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.120 ng
RT: 8.66 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion: 45 Resp: 9814

Ion	Ratio	Lower	Upper
45	100		
77	35.0	0.0	35.2
79	25.7	0.0	32.0



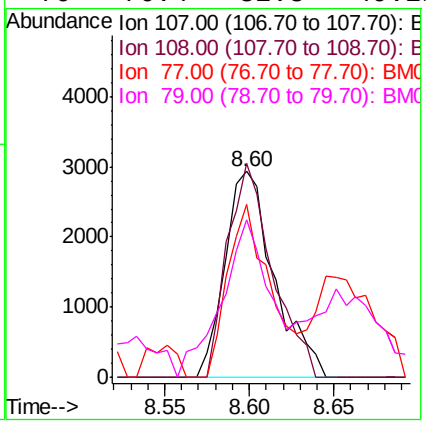


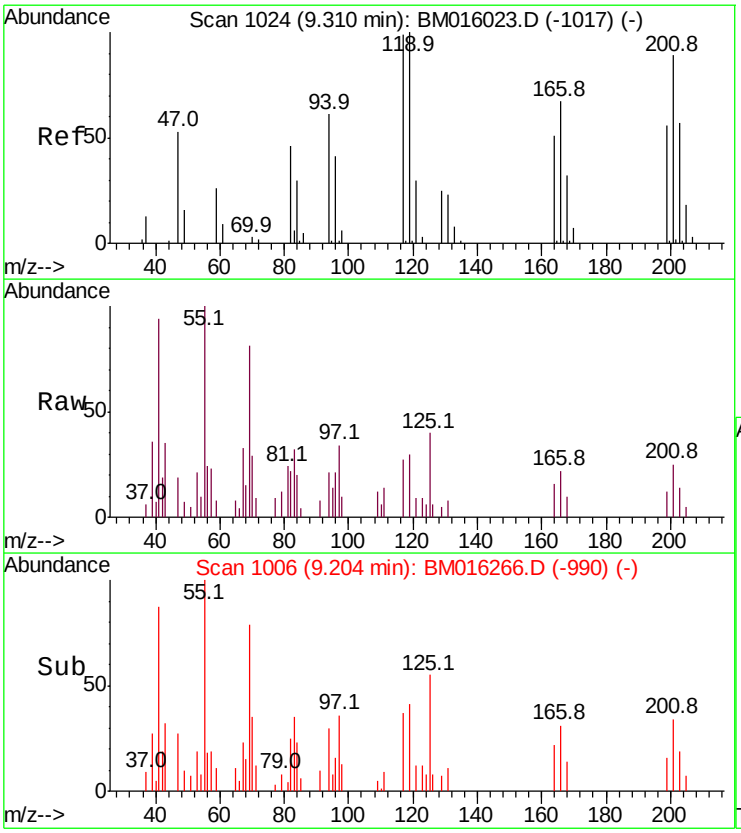
#17
2-Methylphenol
Concen: 3.328 ng
RT: 8.60 min Scan# 903
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 5918

Ion	Ratio	Lower	Upper
107	100		
108	103.7	89.8	134.8
77	84.2	32.6	48.8#
79	76.4	32.8	49.2#

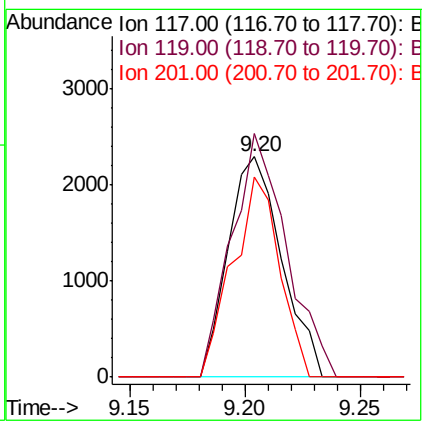


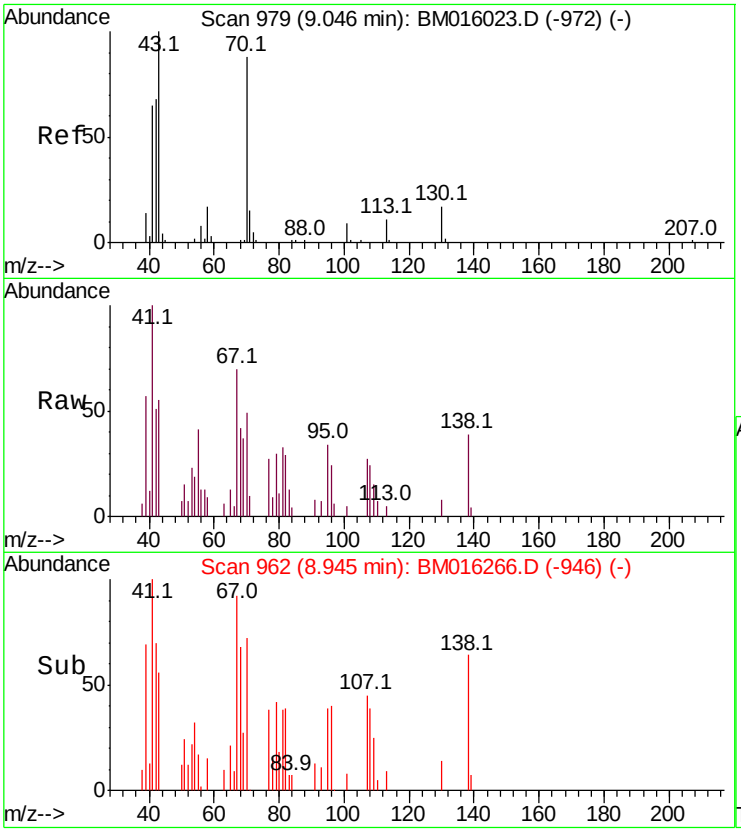


#18
Hexachloroethane
Concen: 3.048 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:117 Resp: 3704

Ion	Ratio	Lower	Upper
117	100		
119	110.4	79.2	118.8
201	90.8	69.8	104.6



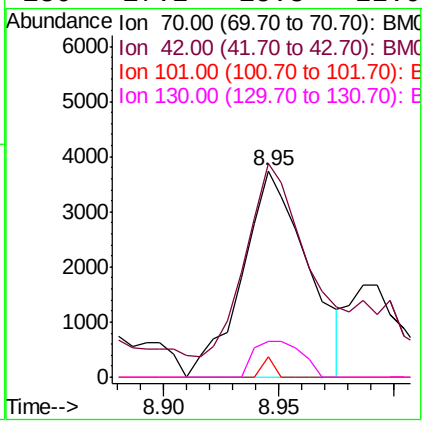


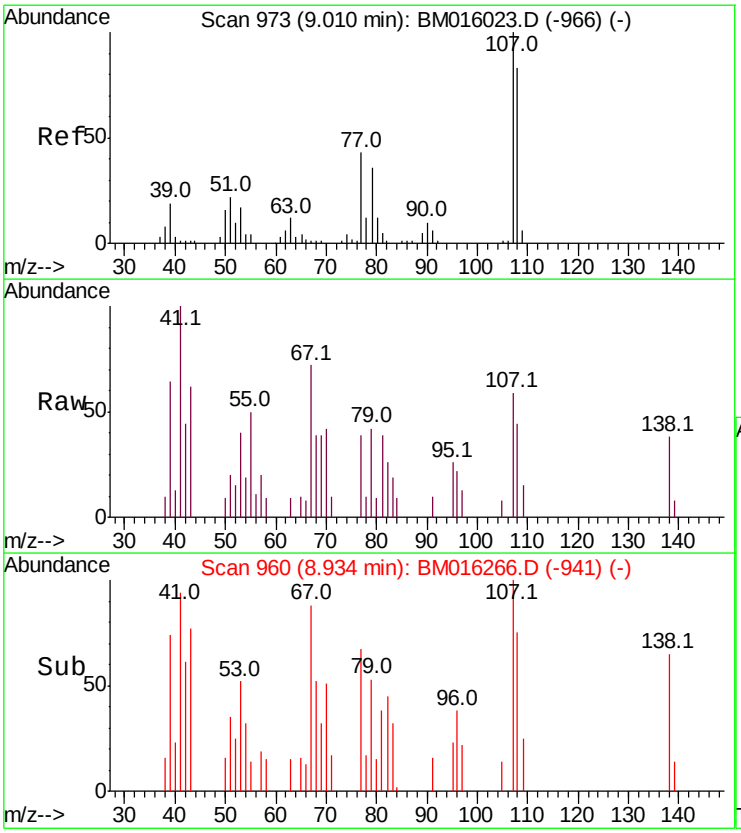
#19
n-Nitroso-di-n-propylamine
Concen: 3.858 ng
RT: 8.95 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 7337

Ion	Ratio	Lower	Upper
70	100		
42	103.3	44.5	66.7#
101	9.9	7.4	11.2
130	17.2	15.3	22.9

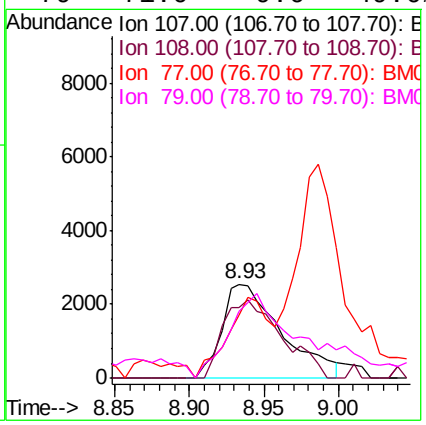


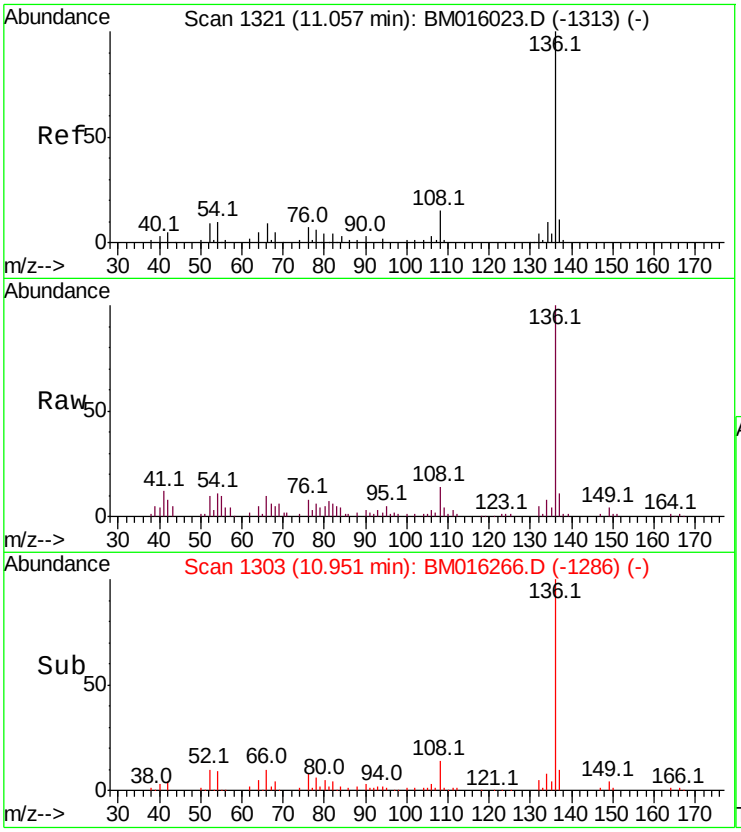


#20
3+4-Methylphenols
Concen: 2.773 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:107 Resp: 7096

Ion	Ratio	Lower	Upper
107	100		
108	75.3	73.2	113.2
77	66.7	10.7	50.7#
79	71.0	9.6	49.6#



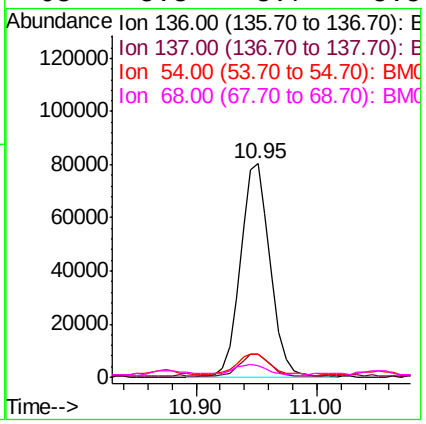


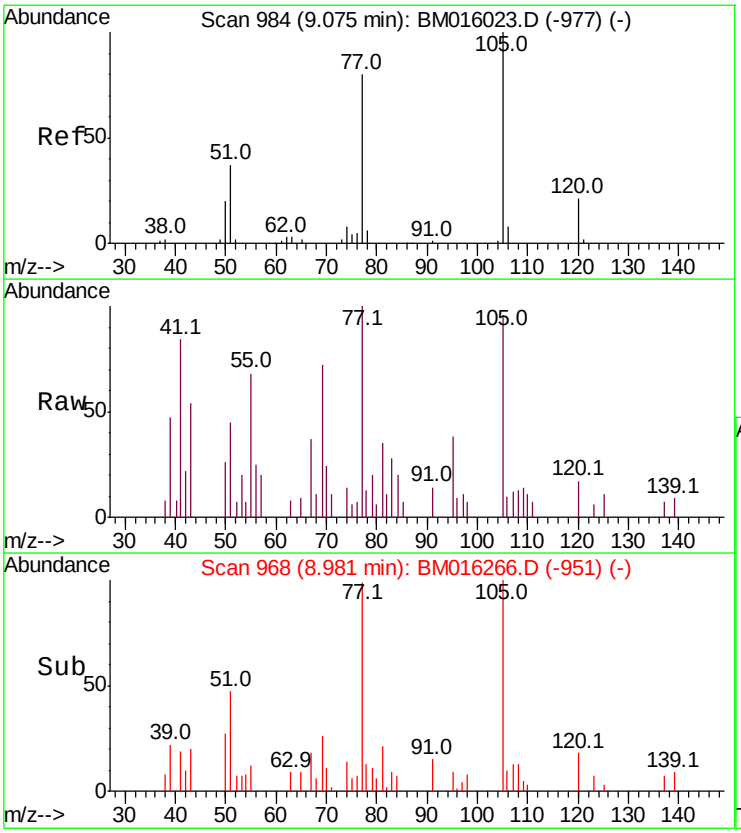
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 137371

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.5	4.6	6.8#
68	5.3	3.7	5.5

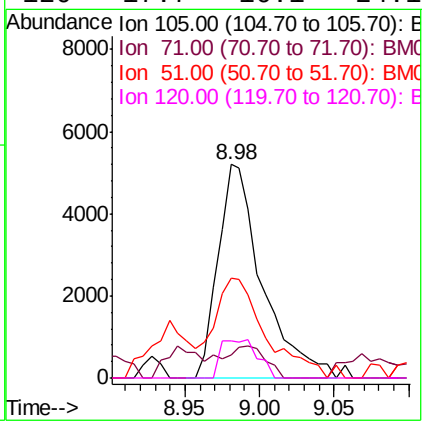


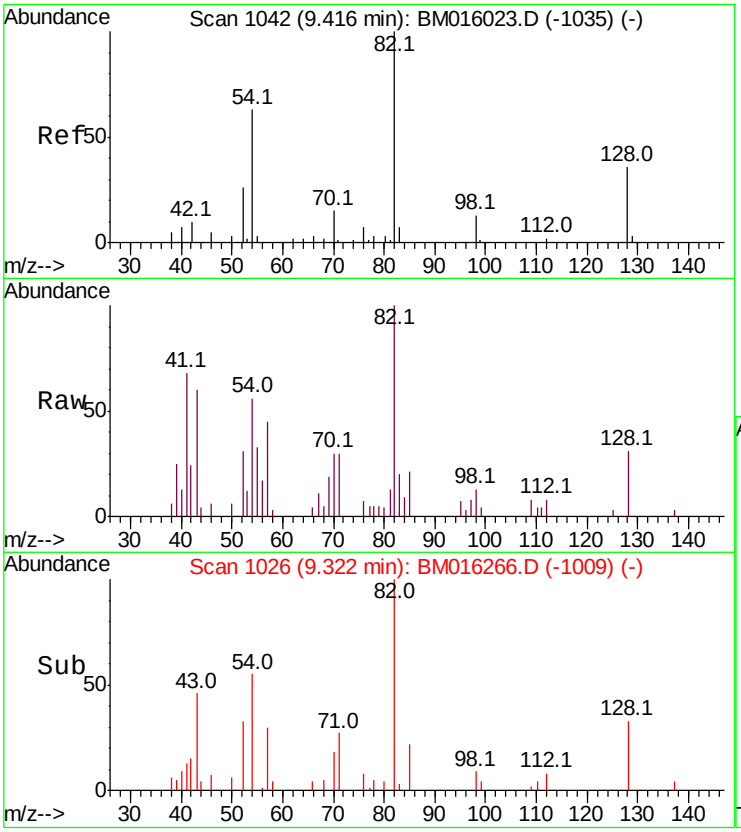


#22
Acetophenone
Concen: 3.109 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:105 Resp: 10754

Ion	Ratio	Lower	Upper
105	100		
71	11.0	0.6	1.0#
51	46.8	21.6	32.4#
120	17.7	16.1	24.1



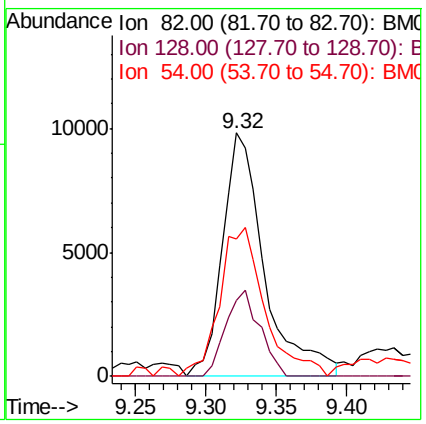


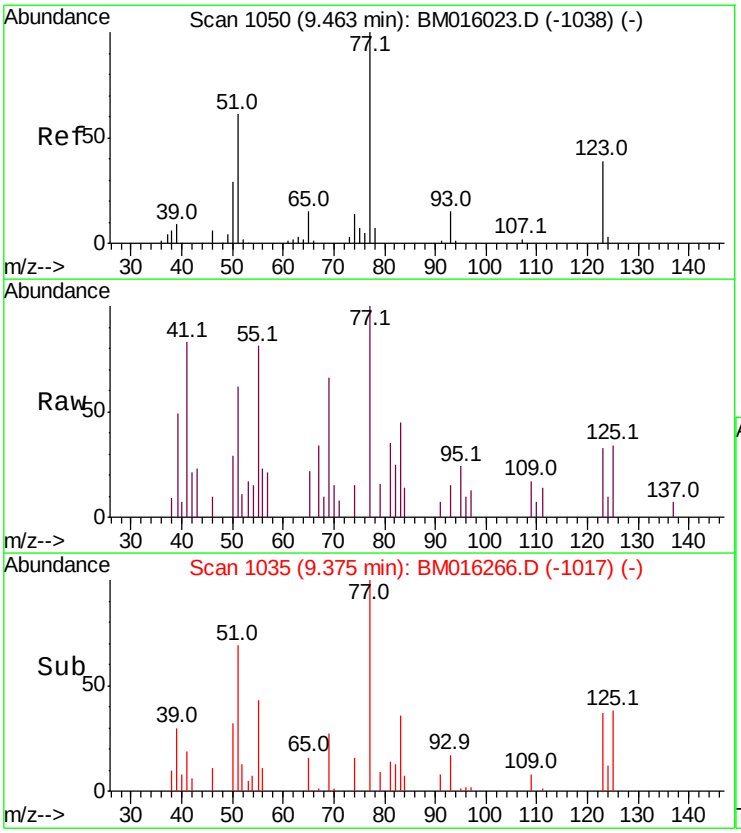
#23
Nitrobenzene-d5
Concen: 3.109 ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 20413

Ion	Ratio	Lower	Upper
82	100		
128	31.3	32.8	49.2#
54	56.3	40.6	60.8

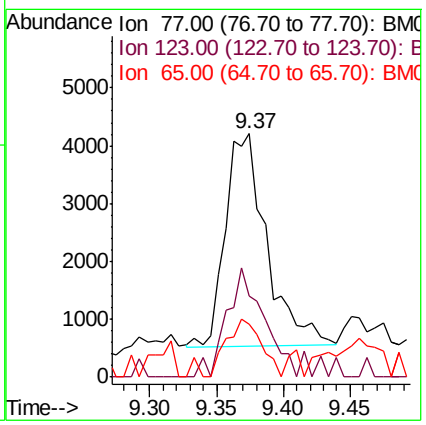


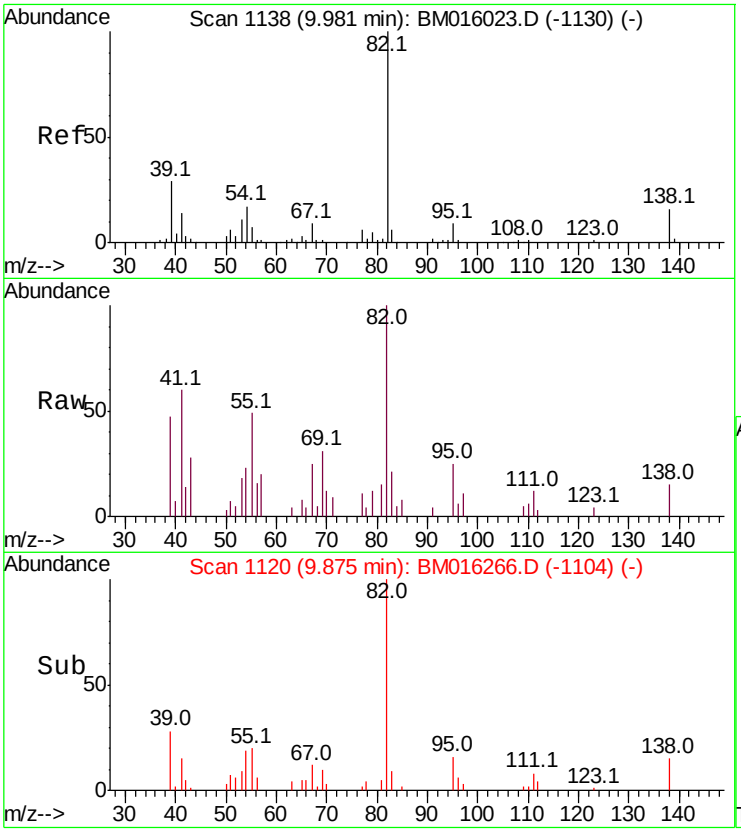


#24
Nitrobenzene
Concen: 2.660 ng
RT: 9.37 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion: 77 Resp: 7909

Ion	Ratio	Lower	Upper
77	100		
123	33.4	32.6	49.0
65	22.0	10.9	16.3#



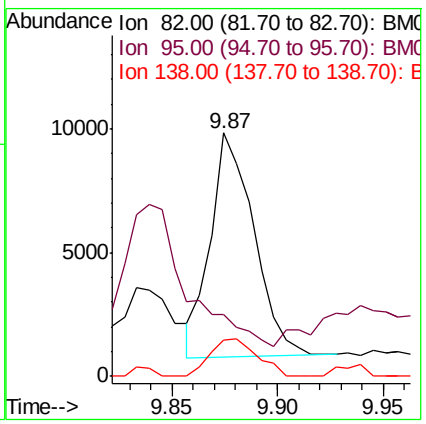


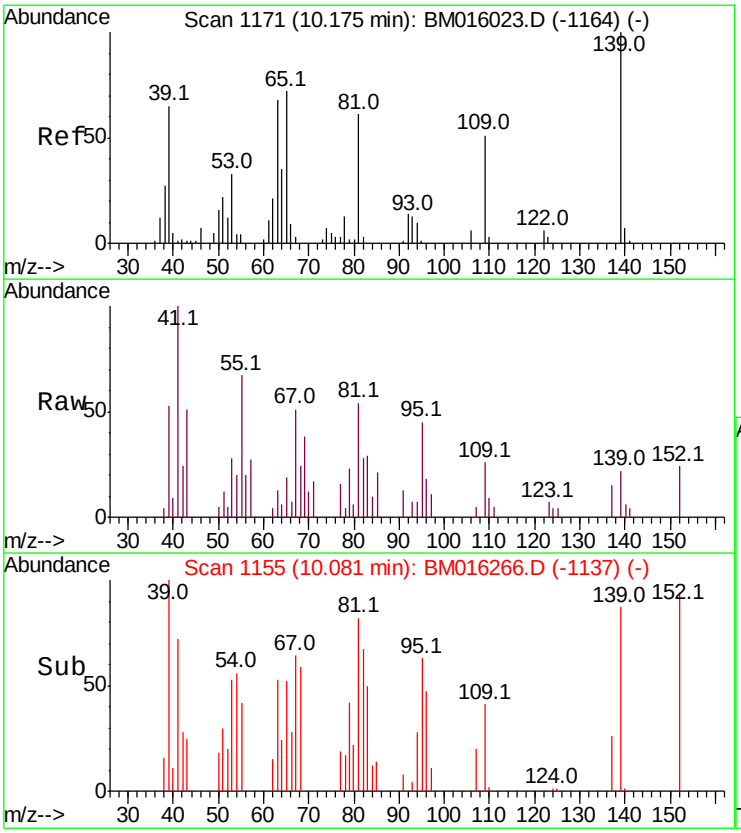
#25
Isophorone
Concen: 3.220 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 13007

Ion	Ratio	Lower	Upper
82	100		
95	25.3	5.8	8.6#
138	14.6	16.3	24.5#

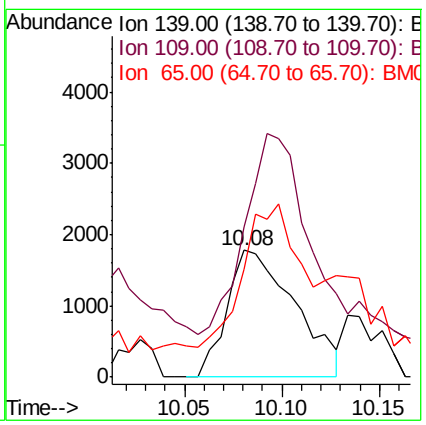


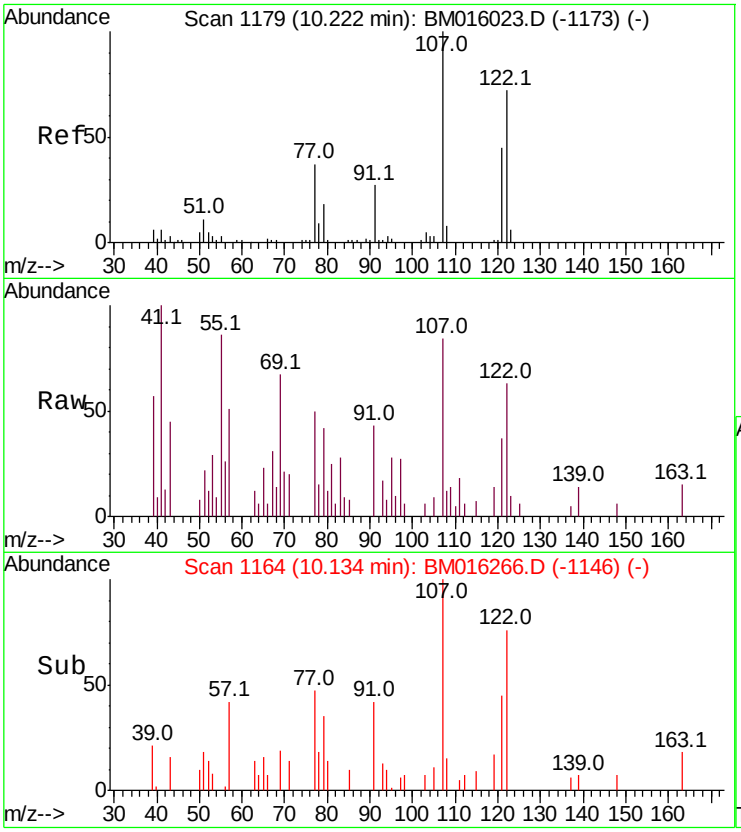


#26
2-Nitrophenol
Concen: 3.470 ng
RT: 10.08 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:139 Resp: 4306

Ion	Ratio	Lower	Upper
139	100		
109	118.9	20.1	30.1#
65	85.4	31.5	47.3#



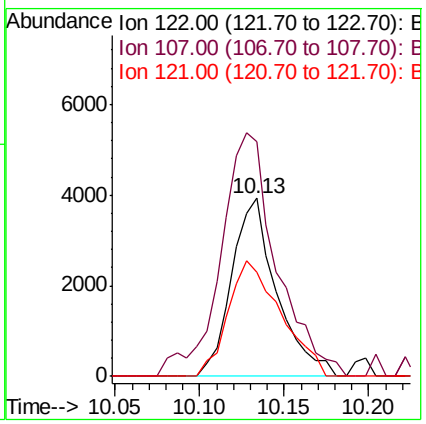


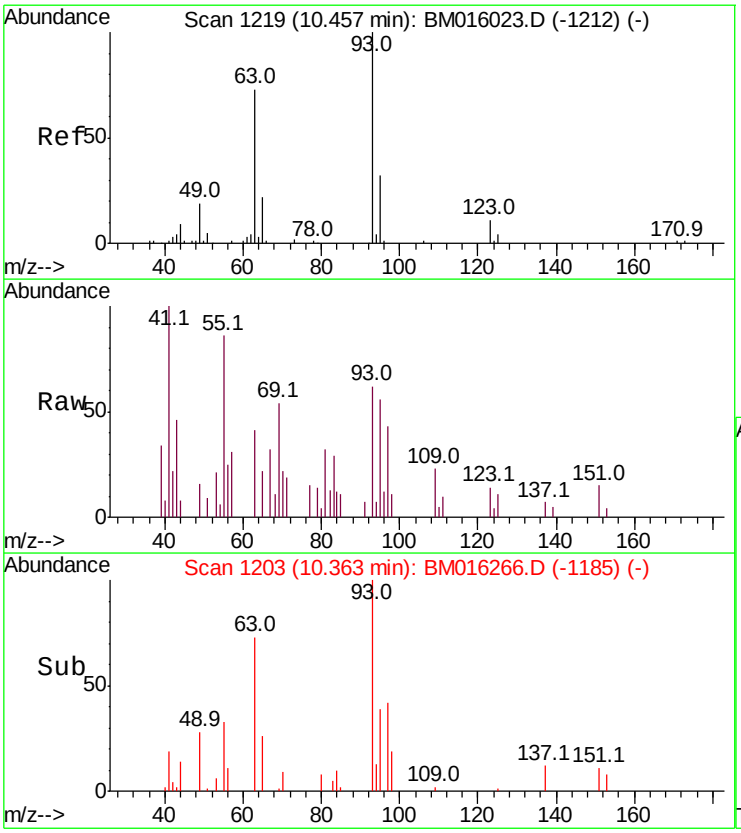
#27
2,4-Dimethylphenol
Concen: 4.225 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 7305

Ion	Ratio	Lower	Upper
122	100		
107	132.1	84.7	127.1#
121	58.8	46.6	69.8

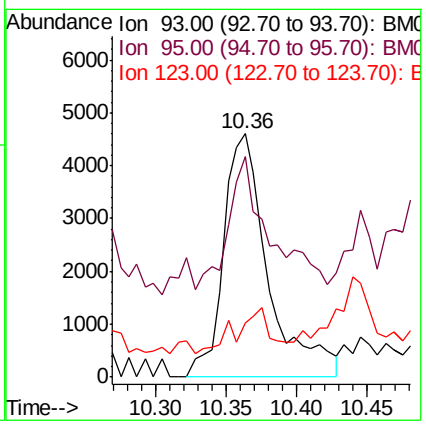


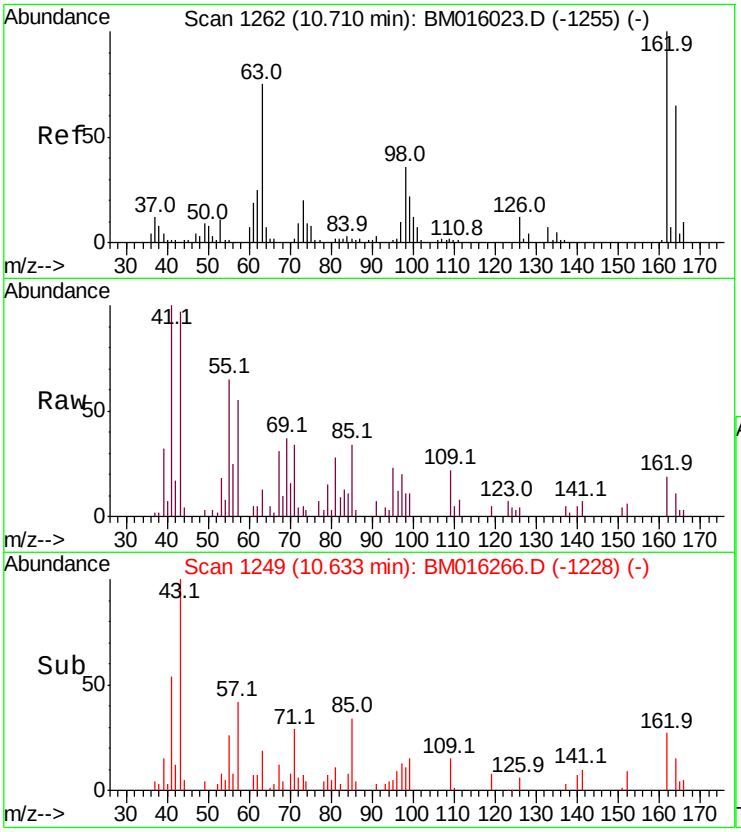


#28
bis(2-Chloroethoxy)methane
Concen: 3.867 ng
RT: 10.36 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion: 93 Resp: 10153

Ion	Ratio	Lower	Upper
93	100		
95	90.6	25.5	38.3#
123	22.0	8.6	13.0#



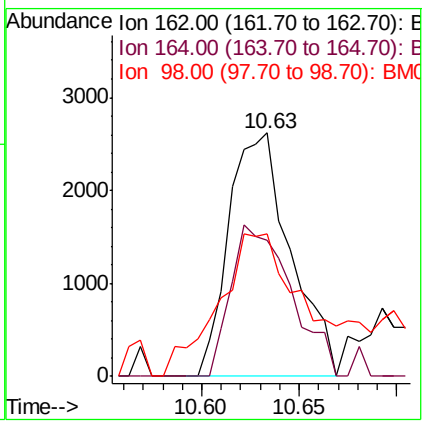


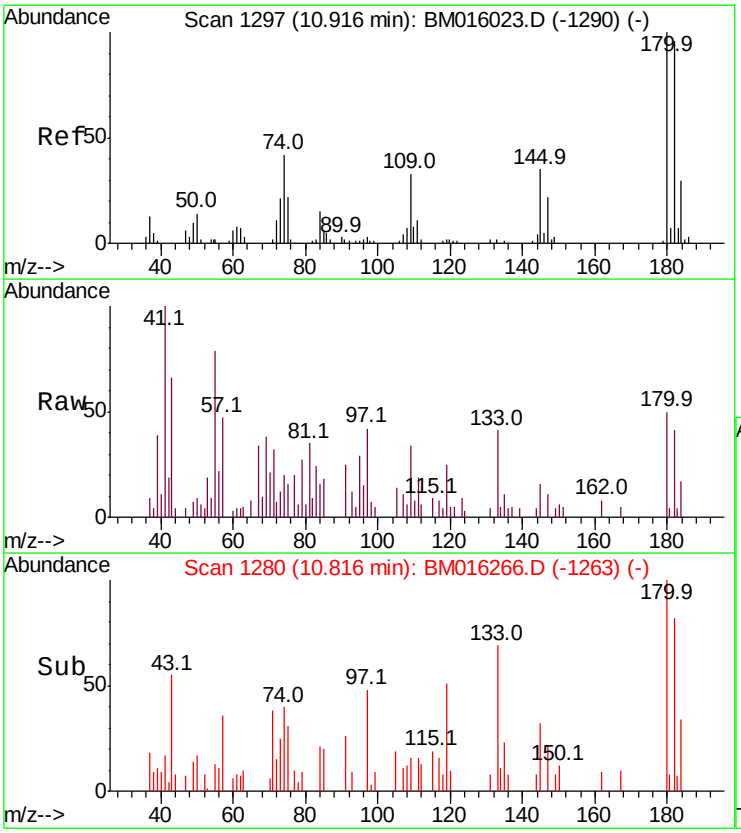
#29
2,4-Dichlorophenol
Concen: 2.788 ng
RT: 10.63 min Scan# 1249
Delta R.T. 0.02 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 5729

Ion	Ratio	Lower	Upper
162	100		
164	55.7	42.8	82.8
98	58.5	14.5	54.5#

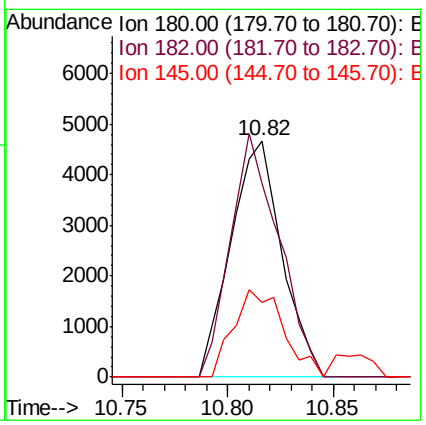


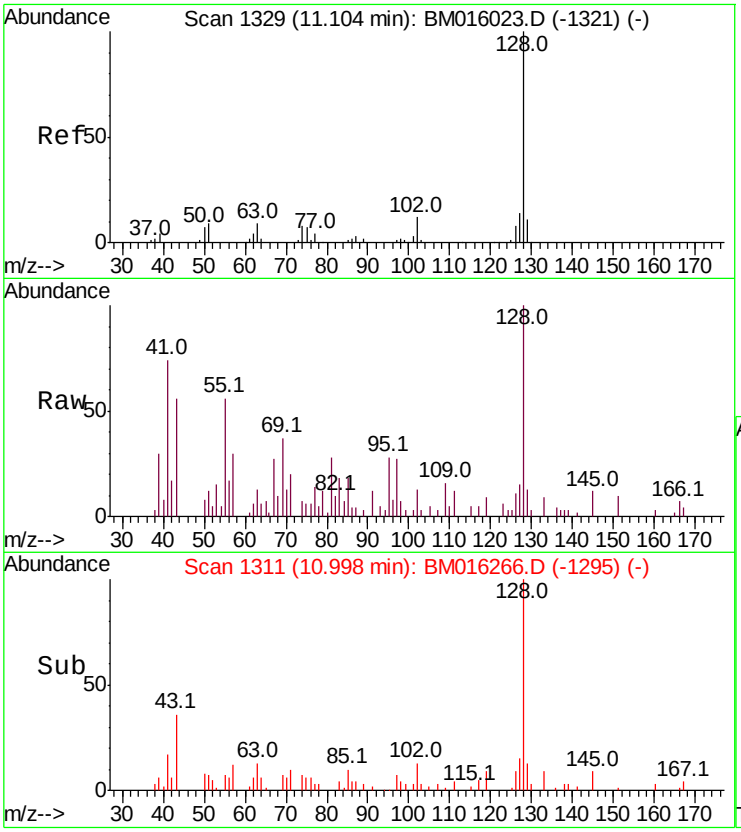


#30
1,2,4-Trichlorobenzene
Concen: 3.130 ng
RT: 10.82 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:180 Resp: 7814

Ion	Ratio	Lower	Upper
180	100		
182	76.0	77.6	116.4#
145	29.3	23.4	35.2



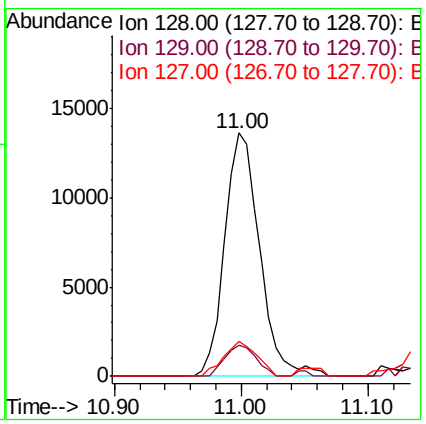


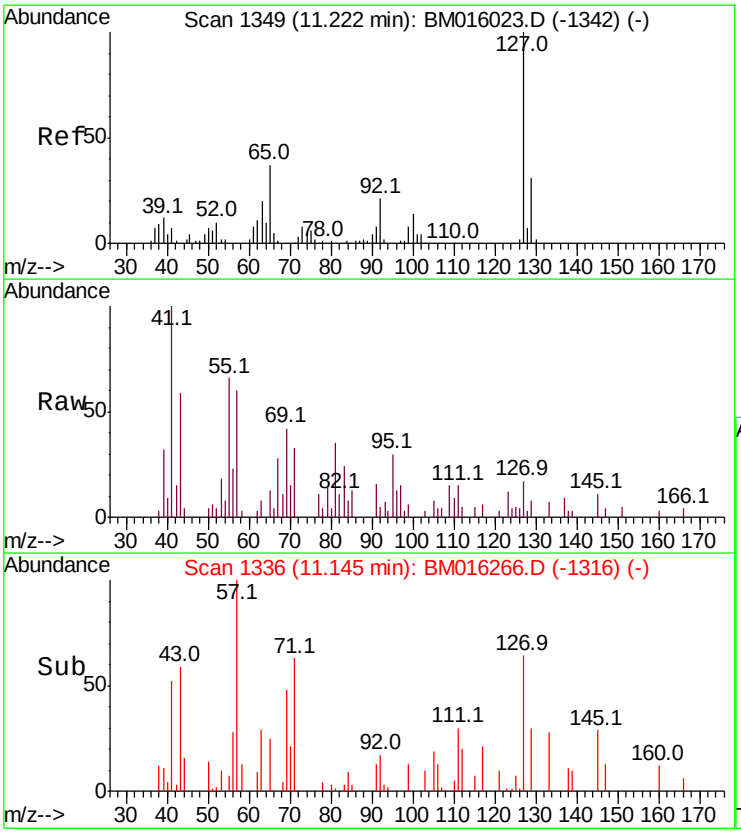
#31
Naphthalene
Concen: 3.740 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 26003

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.9	13.3
127	14.6	10.4	15.6

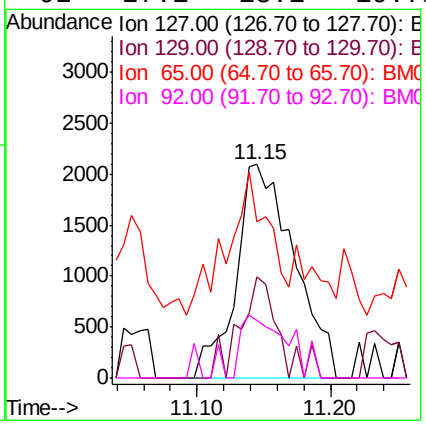


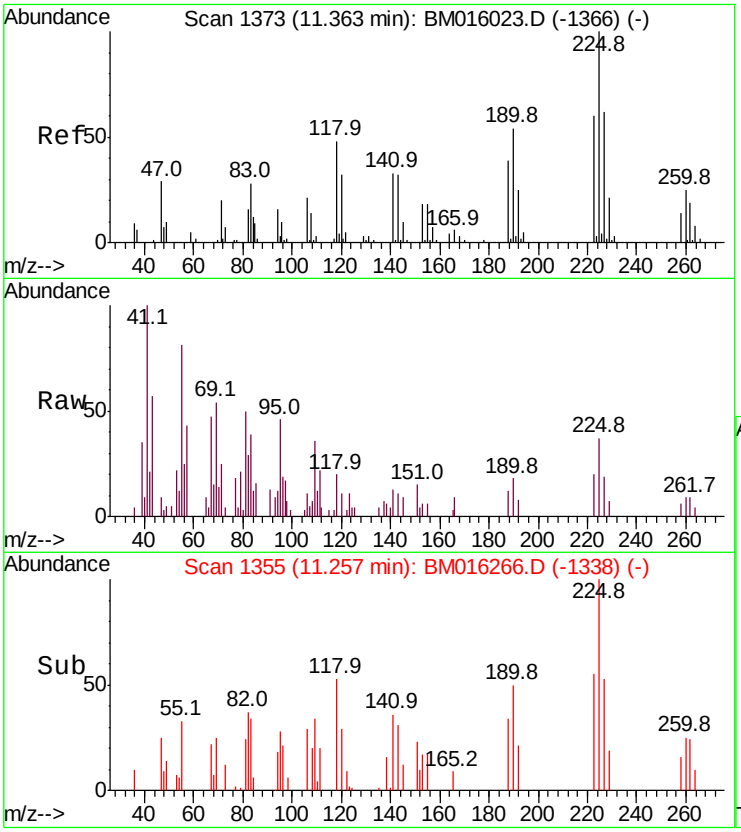


#33
4-Chloroaniline
Concen: 2.230 ng
RT: 11.15 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:127 Resp: 6327

Ion	Ratio	Lower	Upper
127	100		
129	47.5	25.3	37.9#
65	73.2	17.6	26.4#
92	27.1	13.1	19.7#



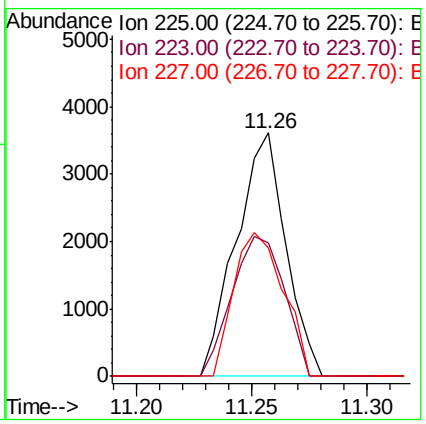


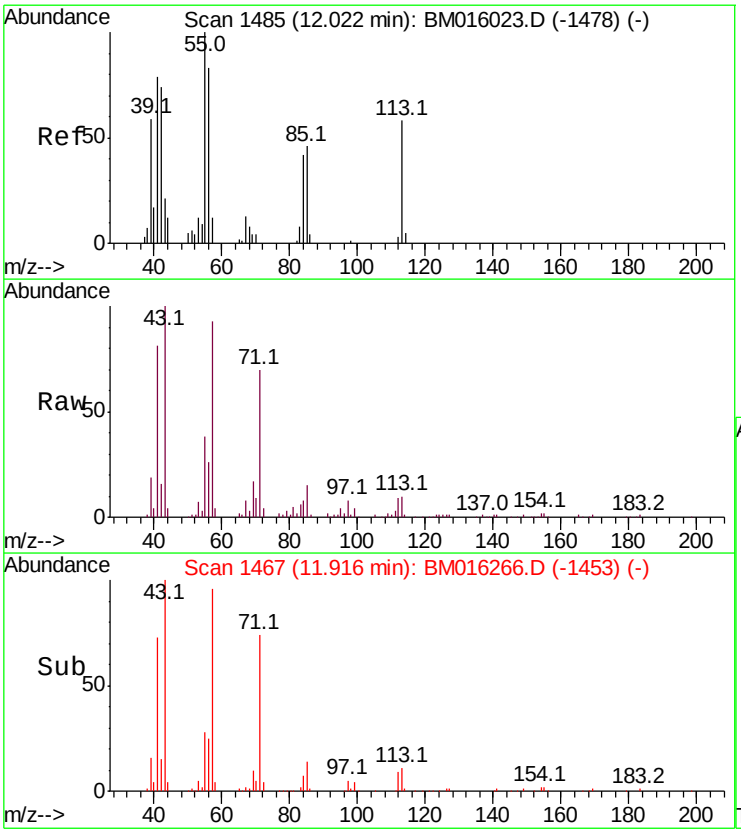
#34
Hexachlorobutadiene
Concen: 3.122 ng
RT: 11.26 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 5406

Ion	Ratio	Lower	Upper
225	100		
223	54.8	47.9	71.9
227	52.8	50.1	75.1

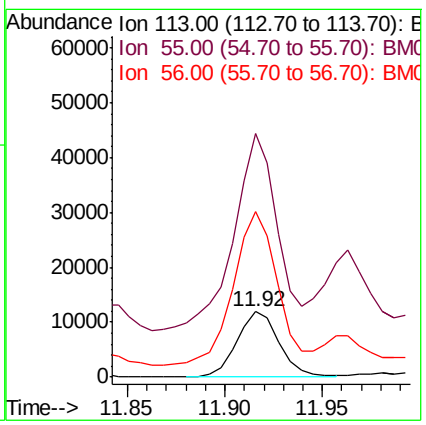


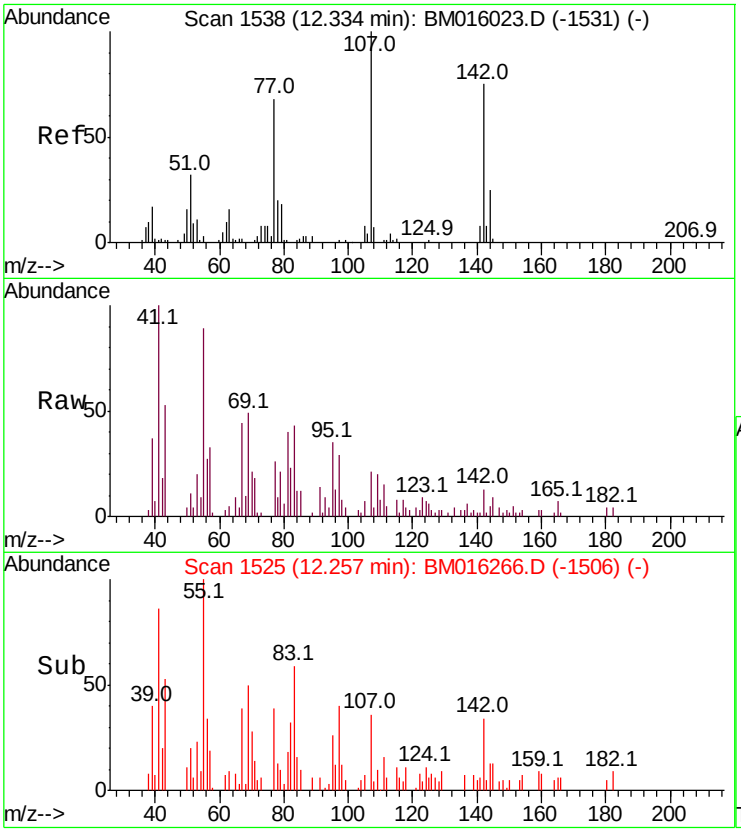


#35
Caprolactam
Concen: 31.331 ng
RT: 11.92 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:113 Resp: 17829

Ion	Ratio	Lower	Upper
113	100		
55	371.4	145.9	185.9#
56	251.7	101.0	141.0#



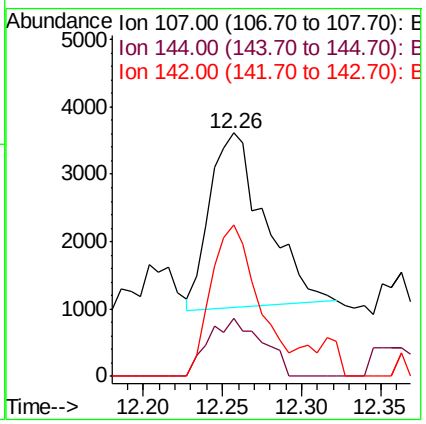


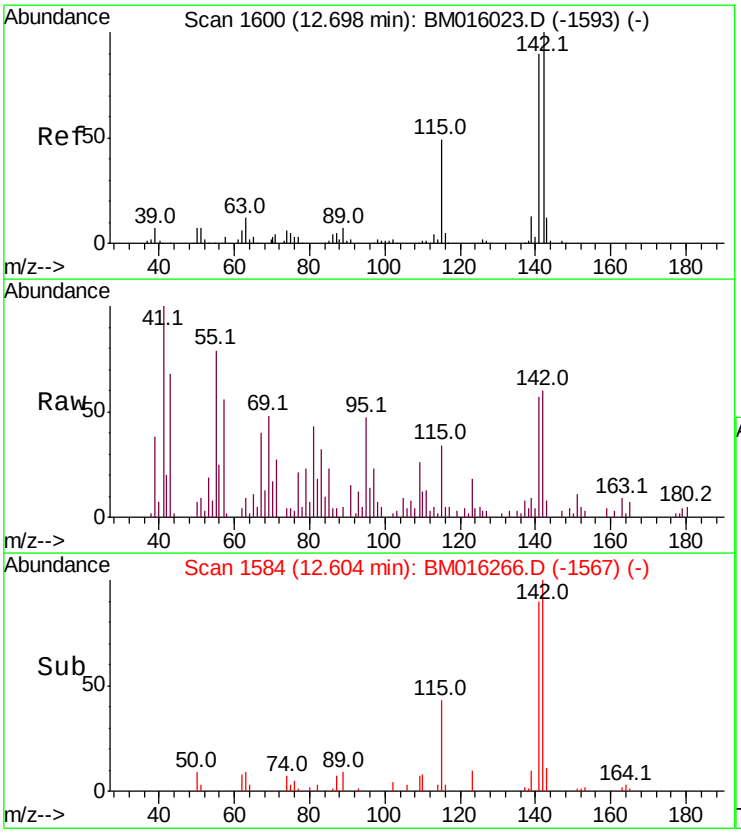
#36
4-Chloro-3-methylphenol
Concen: 2.783 ng
RT: 12.26 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 6289

Ion	Ratio	Lower	Upper
107	100		
144	23.7	23.3	34.9
142	62.1	72.6	109.0#

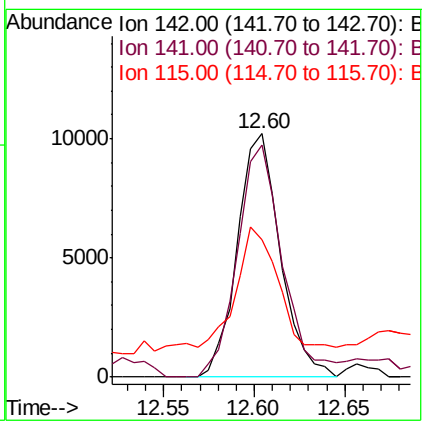


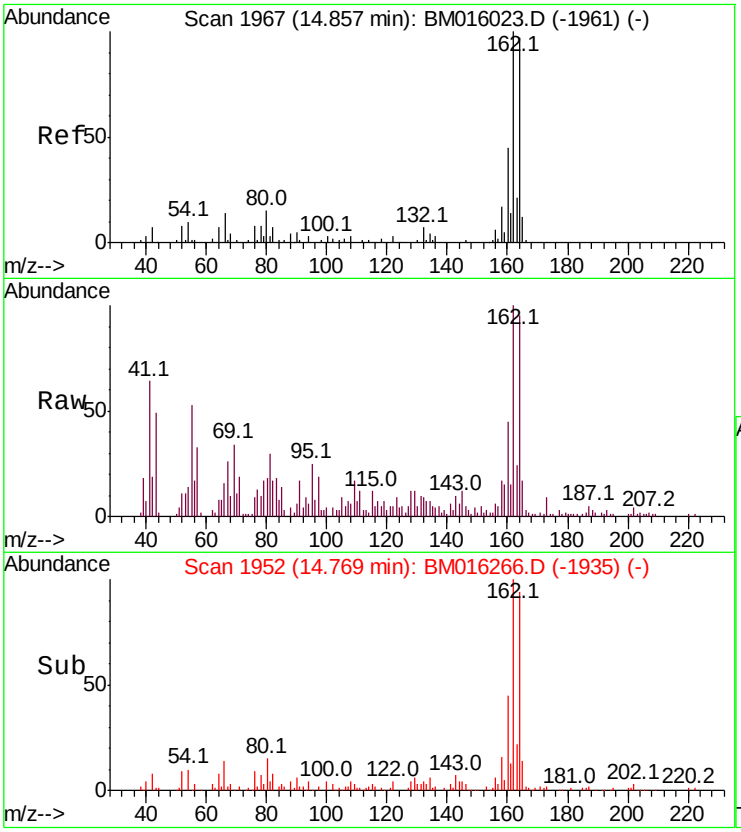


#37
2-Methylnaphthalene
Concen: 3.618 ng
RT: 12.60 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:142 Resp: 16850

Ion	Ratio	Lower	Upper
142	100		
141	95.4	71.9	107.9
115	56.3	25.4	38.0#



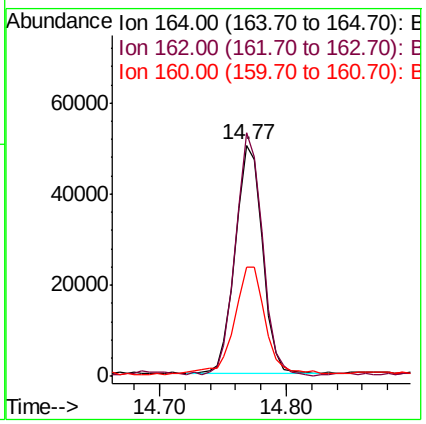


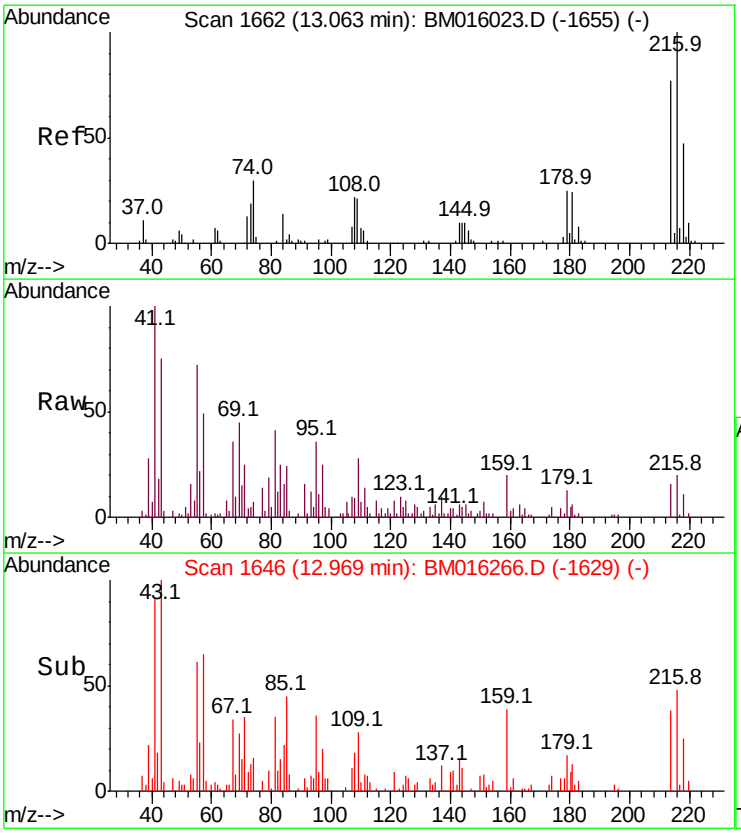
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 74182

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.4	123.6
160	47.5	35.8	53.6

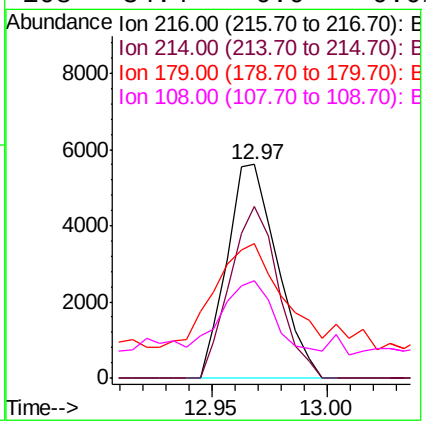


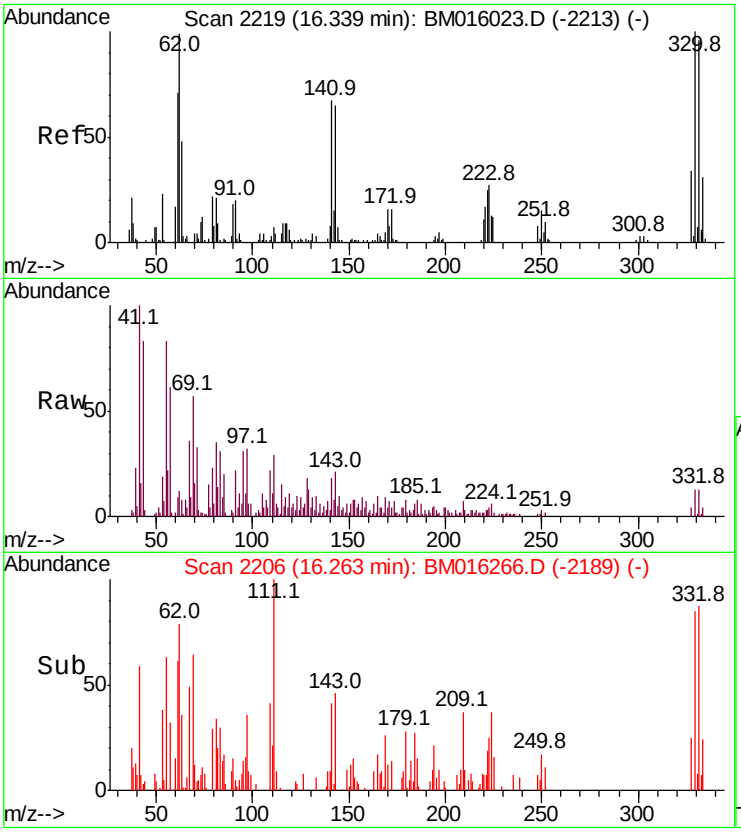


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.361 ng
RT: 12.97 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:216 Resp: 8488

Ion	Ratio	Lower	Upper
216	100		
214	77.5	0.0	0.0#
179	64.2	0.0	0.0#
108	34.4	0.0	0.0#



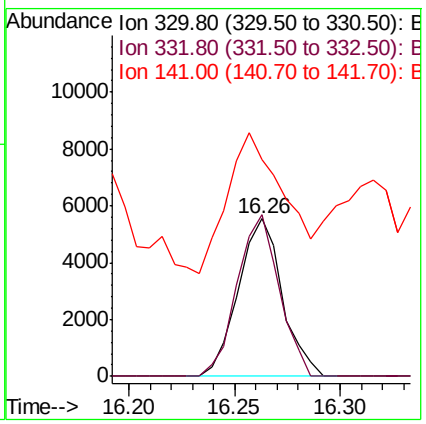


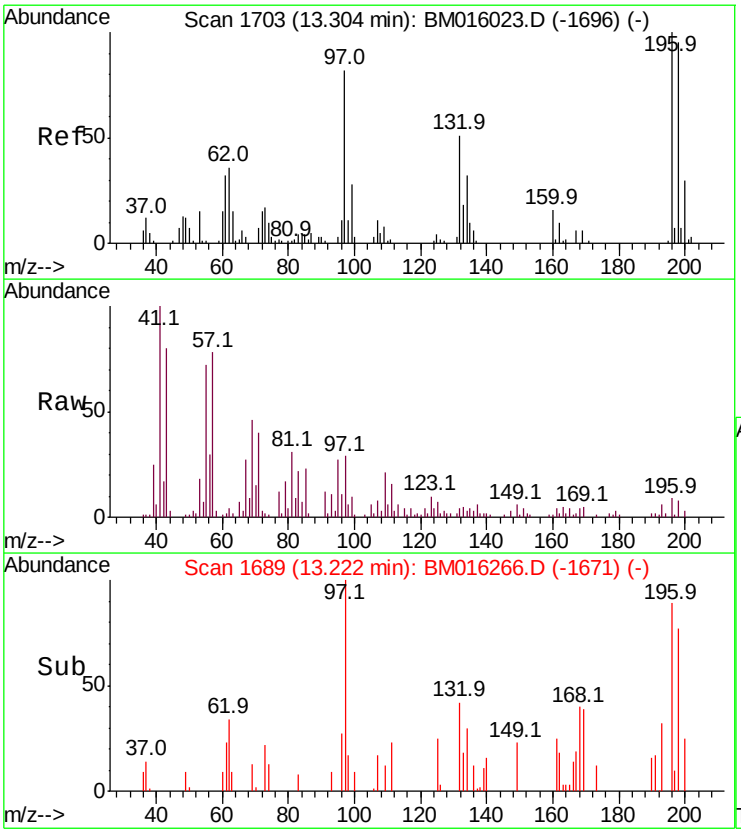
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 8009

Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	113.3	0.0	0.0#

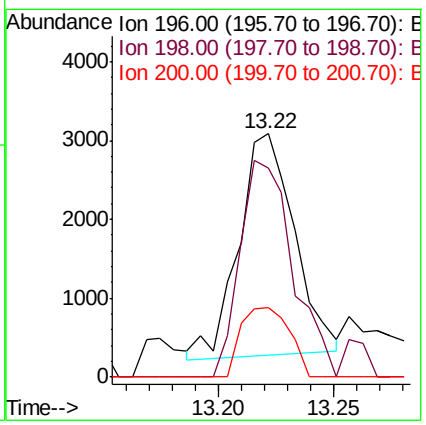


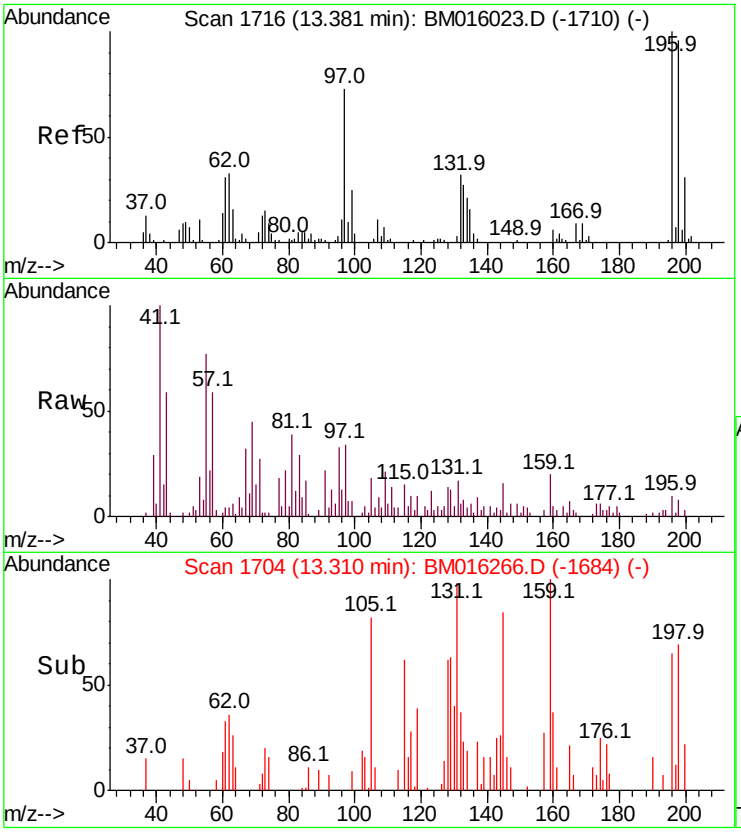


#42
2,4,6-Trichlorophenol
Concen: 2.966 ng
RT: 13.22 min Scan# 1689
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:196 Resp: 4687

Ion	Ratio	Lower	Upper
196	100		
198	85.9	76.3	114.5
200	28.4	25.6	38.4



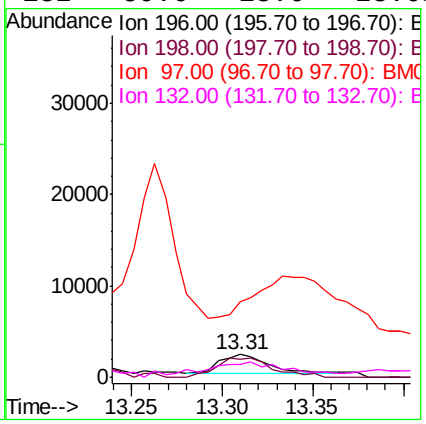


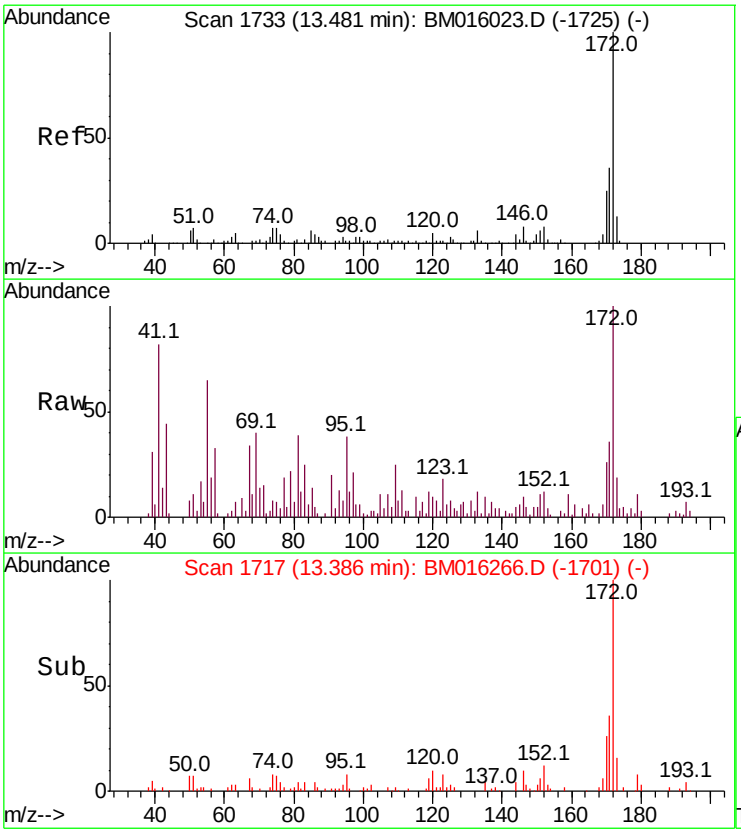
#43
2,4,5-Trichlorophenol
Concen: 2.259 ng
RT: 13.31 min Scan# 1704
Delta R.T. 0.02 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 3682

Ion	Ratio	Lower	Upper
196	100		
198	82.7	79.4	119.0
97	337.8	26.8	40.2#
132	59.6	18.6	28.0#

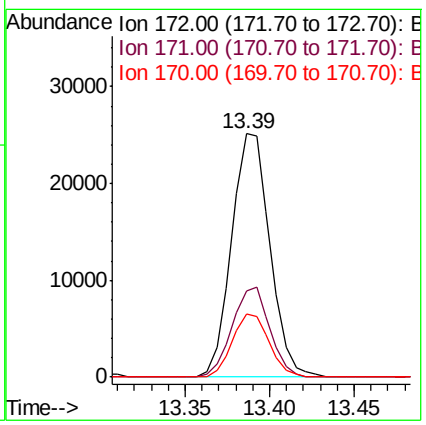


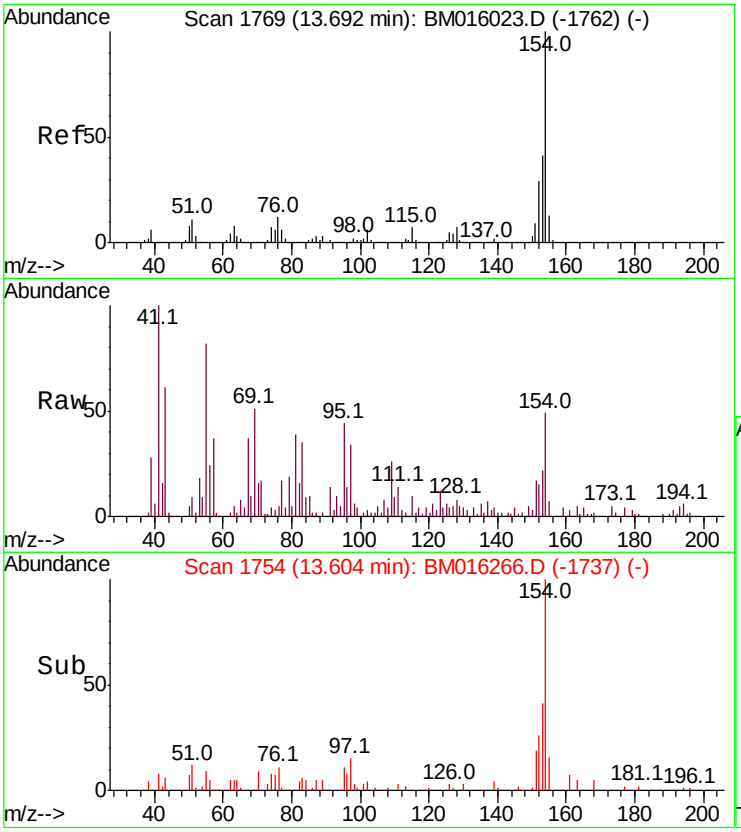


#44
2-Fluorobiphenyl
Concen: 2.259 ng
RT: 13.39 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:172 Resp: 39641

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	26.0	18.8	28.2



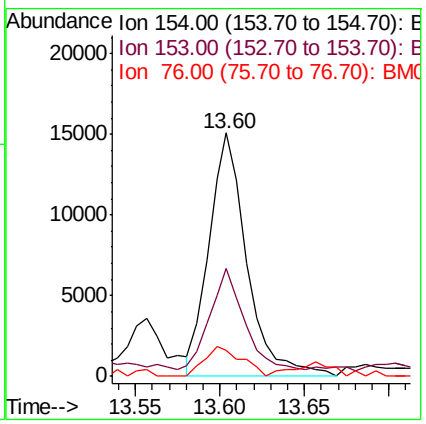


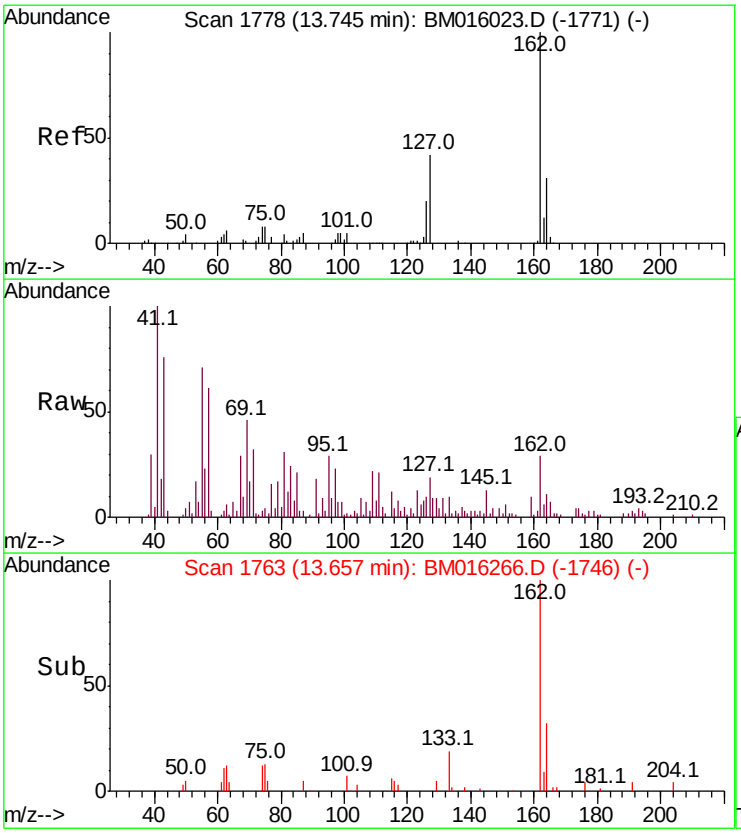
#45
1,1'-Biphenyl
Concen: 3.508 ng
RT: 13.60 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 23488

Ion	Ratio	Lower	Upper
154	100		
153	44.1	20.7	60.7
76	10.5	0.0	30.9

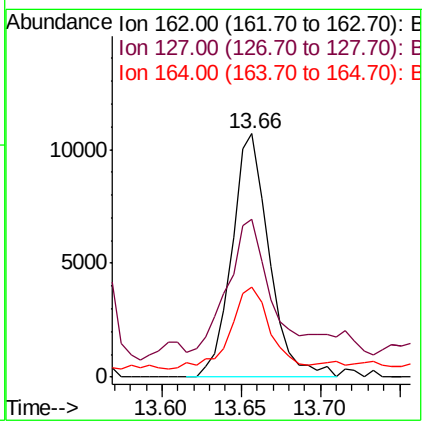


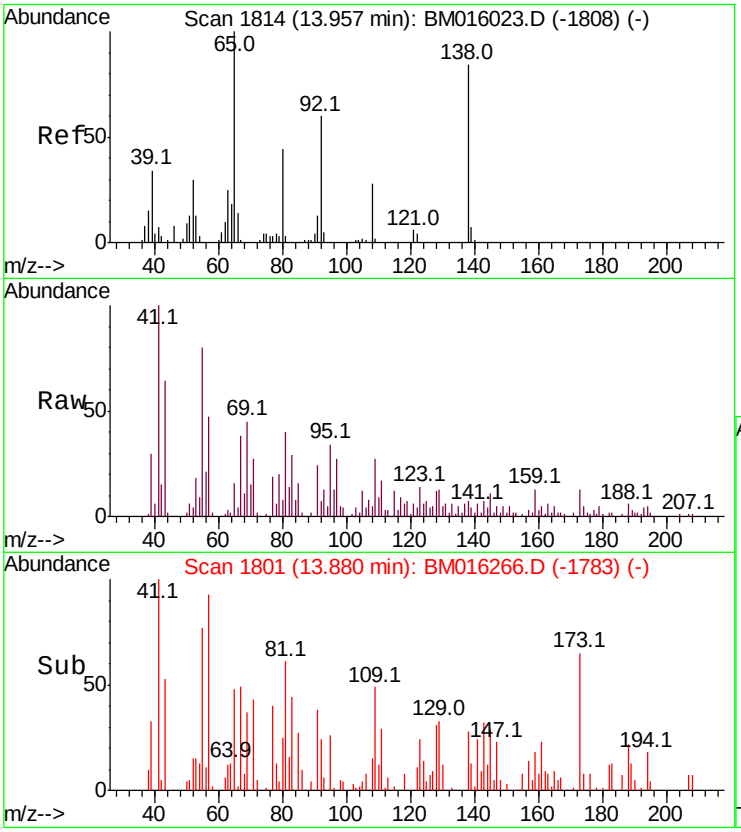


#46
2-Chloronaphthalene
Concen: 3.334 ng
RT: 13.66 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:162 Resp: 17358

Ion	Ratio	Lower	Upper
162	100		
127	64.6	26.9	40.3#
164	36.8	26.8	40.2



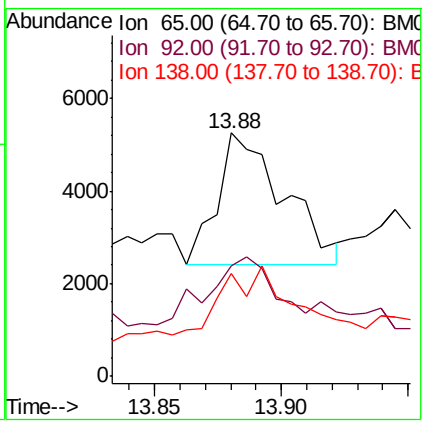


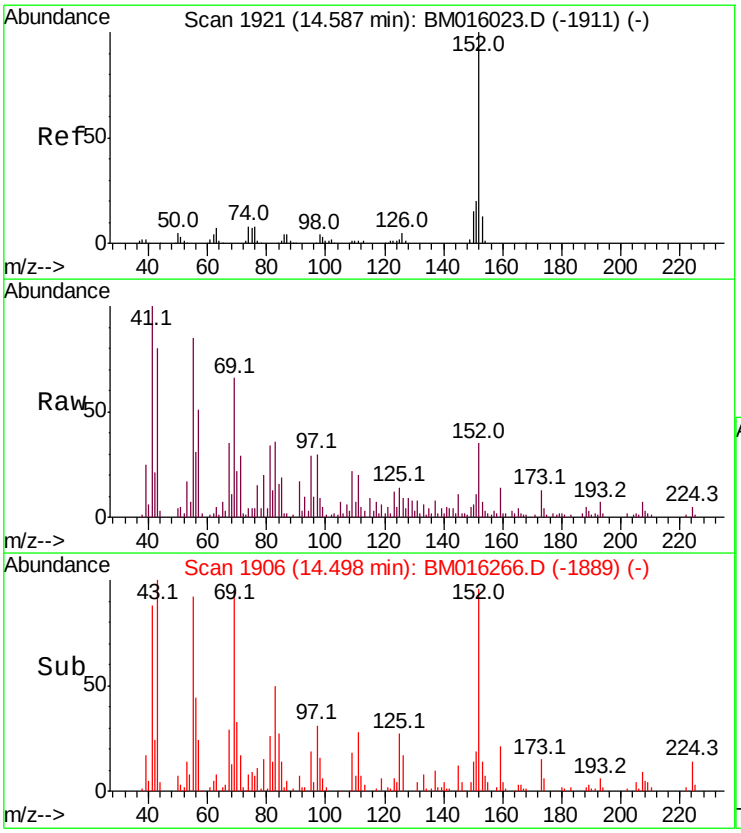
#47
2-Nitroaniline
Concen: 3.021 ng
RT: 13.88 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 5200

Ion	Ratio	Lower	Upper
65	100		
92	45.3	59.1	88.7#
138	42.2	93.9	140.9#

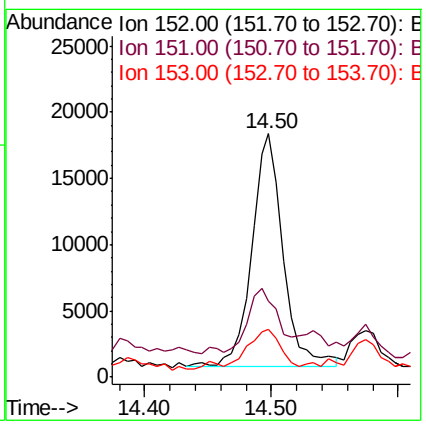


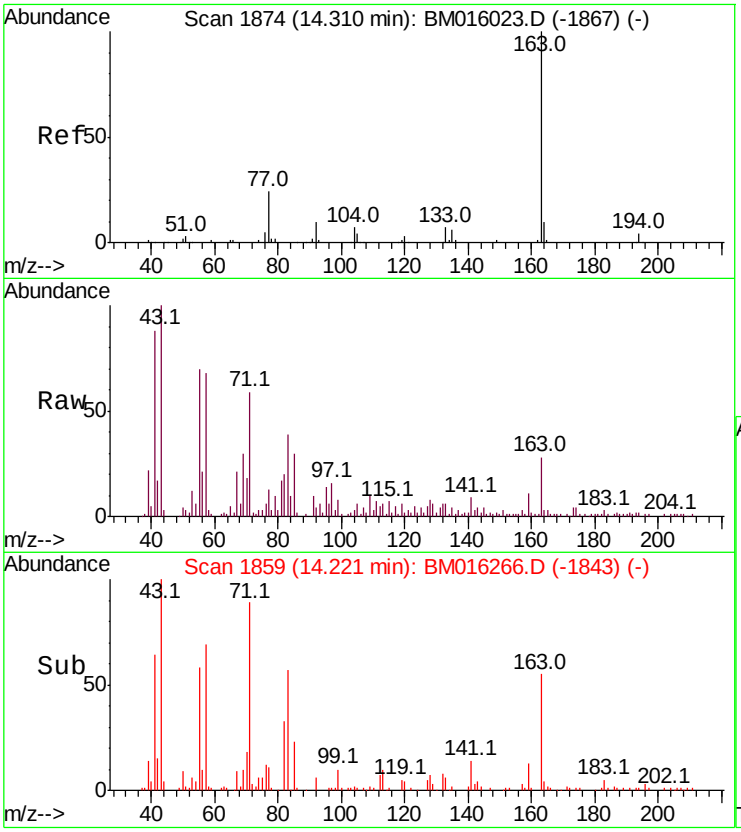


#48
Acenaphthylene
Concen: 3.959 ng
RT: 14.50 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:152 Resp: 30176

Ion	Ratio	Lower	Upper
152	100		
151	31.2	15.9	23.9#
153	19.8	10.6	16.0#



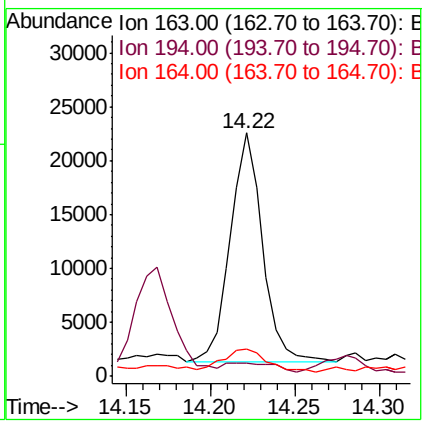


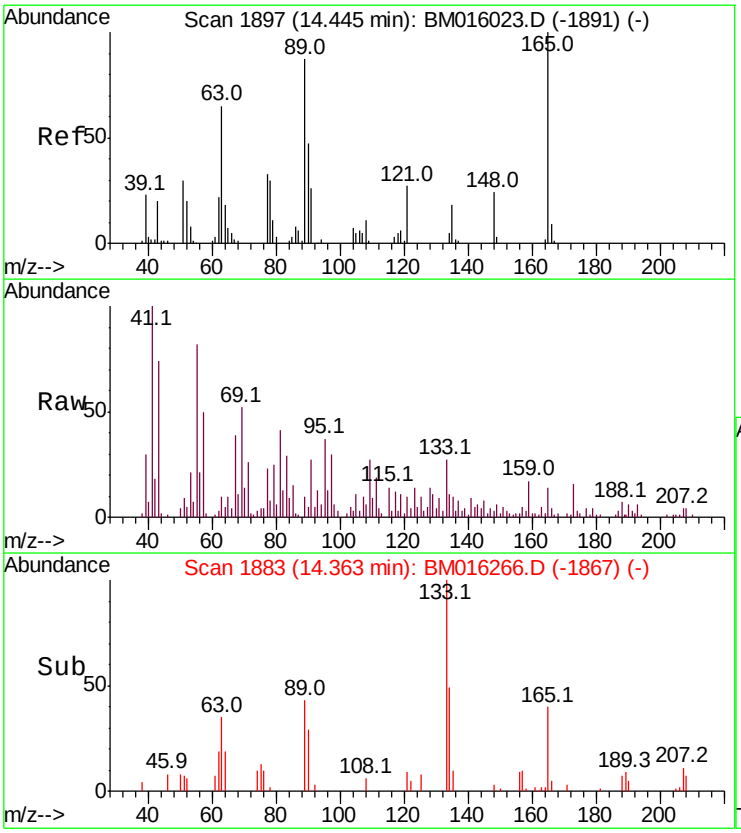
#49
Dimethylphthalate
Concen: 4.389 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 28492

Ion	Ratio	Lower	Upper
163	100		
194	5.5	2.7	4.1#
164	11.1	8.2	12.2

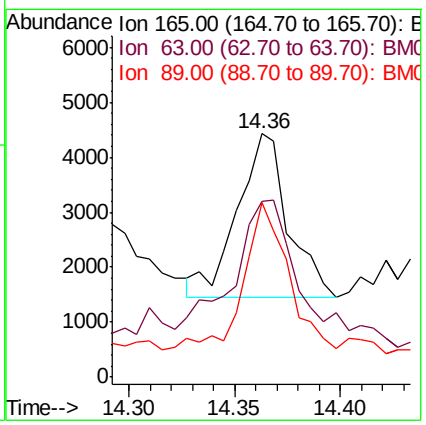


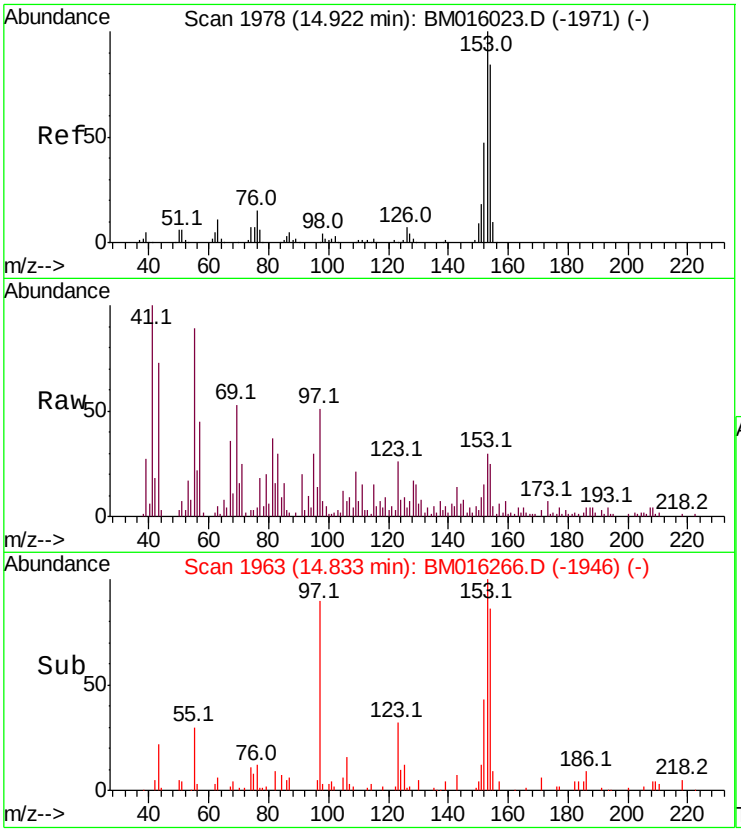


#50
2,6-Dinitrotoluene
Concen: 3.852 ng
RT: 14.36 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:165 Resp: 5032

Ion	Ratio	Lower	Upper
165	100		
63	72.0	44.1	66.1#
89	71.8	44.3	66.5#



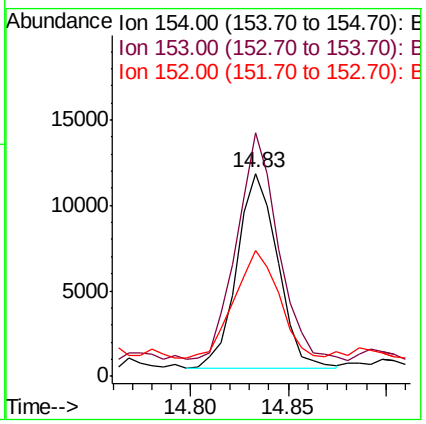


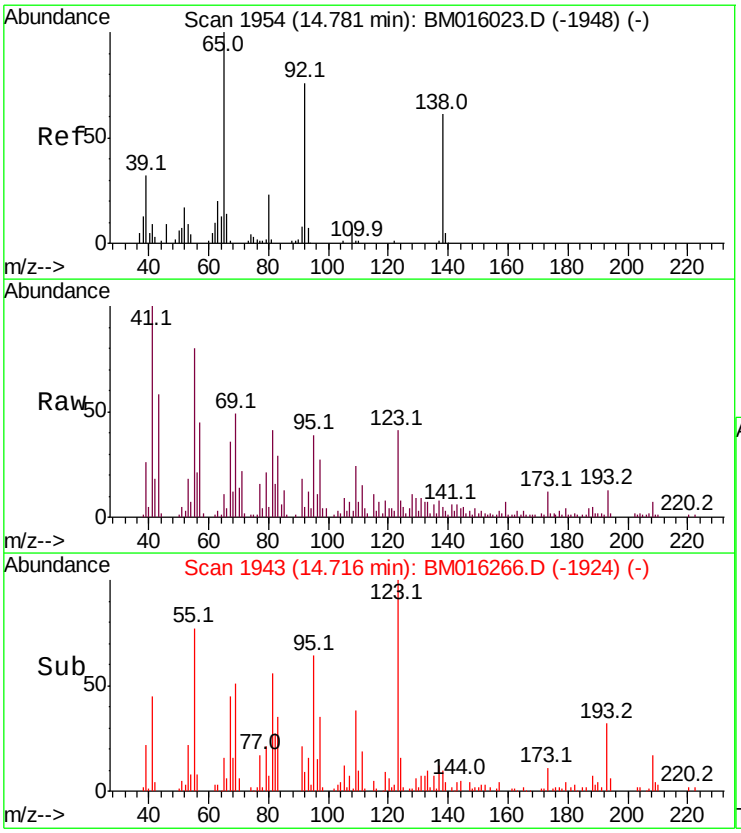
#51
Acenaphthene
Concen: 3.488 ng
RT: 14.83 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 16350

Ion	Ratio	Lower	Upper
154	100		
153	120.0	90.0	135.0
152	61.8	42.6	63.8

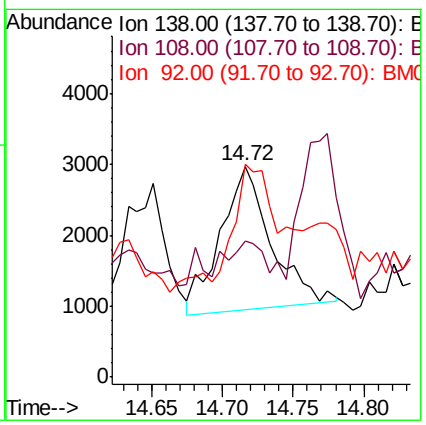


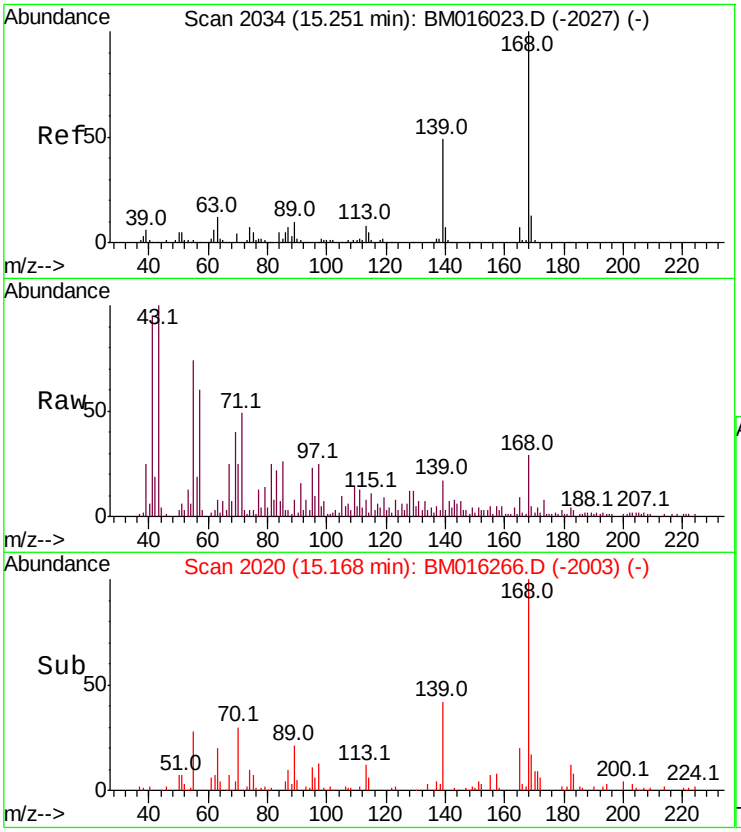


#52
3-Nitroaniline
Concen: 3.551 ng
RT: 14.72 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:138 Resp: 5010

Ion	Ratio	Lower	Upper
138	100		
108	64.5	7.3	10.9#
92	101.0	76.6	114.8



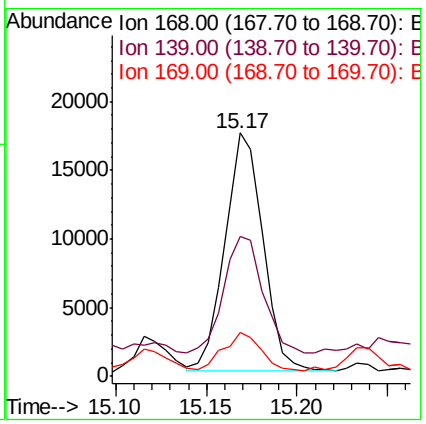


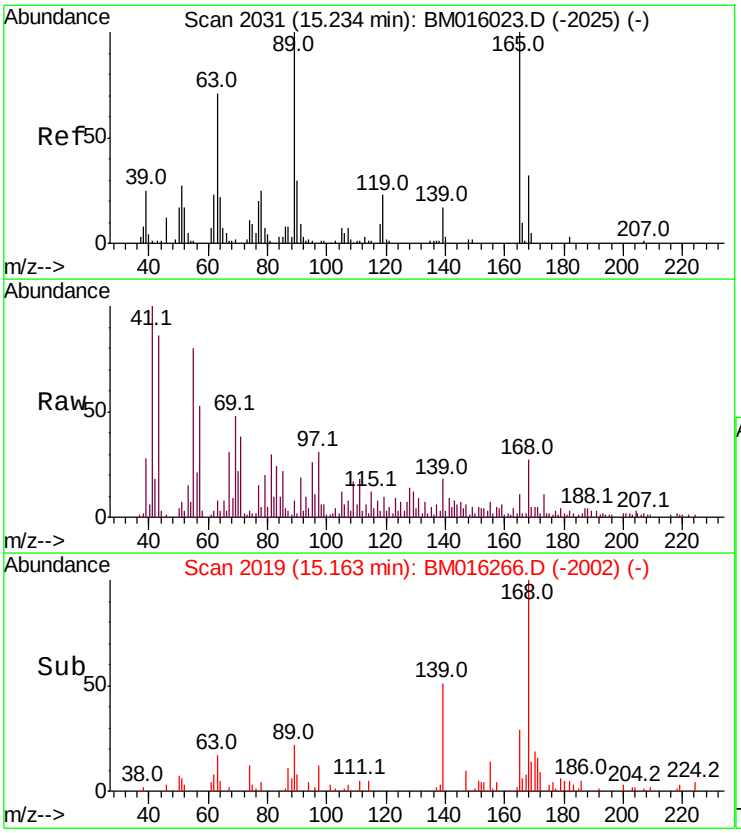
#54
Dibenzofuran
Concen: 3.261 ng
RT: 15.17 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 25190

Ion	Ratio	Lower	Upper
168	100		
139	57.7	27.3	40.9#
169	18.3	10.6	16.0#

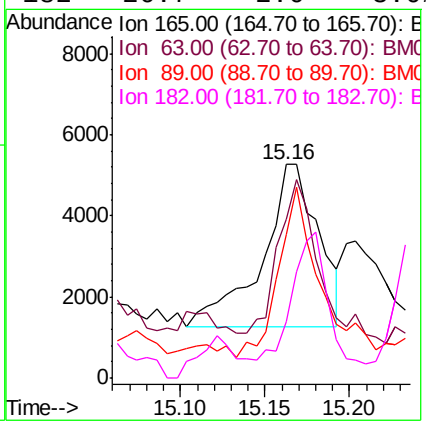


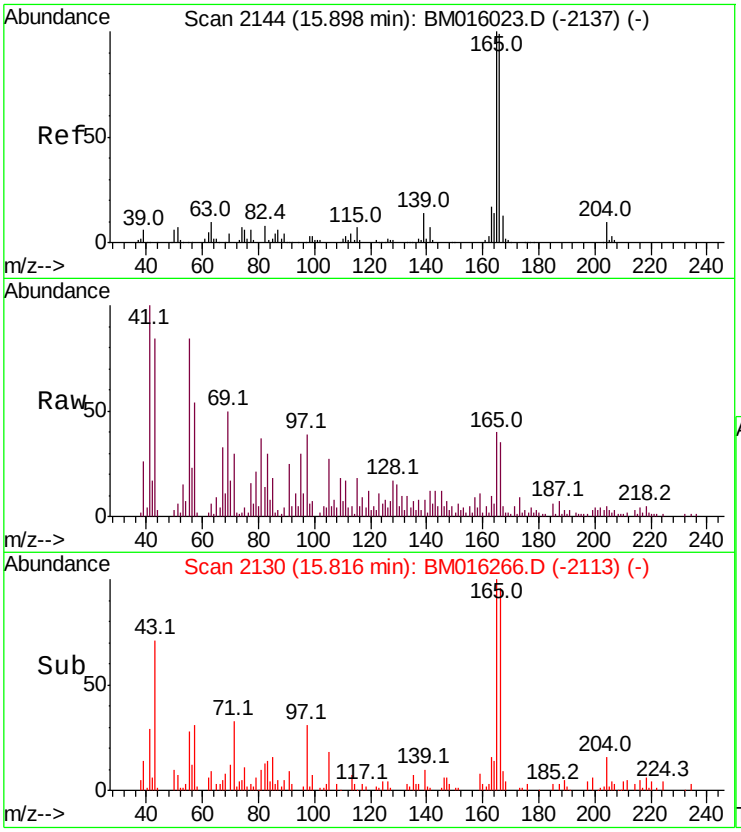


#56
2,4-Dinitrotoluene
Concen: 4.967 ng
RT: 15.16 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:165 Resp: 9277

Ion	Ratio	Lower	Upper
165	100		
63	74.4	52.4	78.6
89	67.3	72.4	108.6#
182	26.7	2.0	3.0#



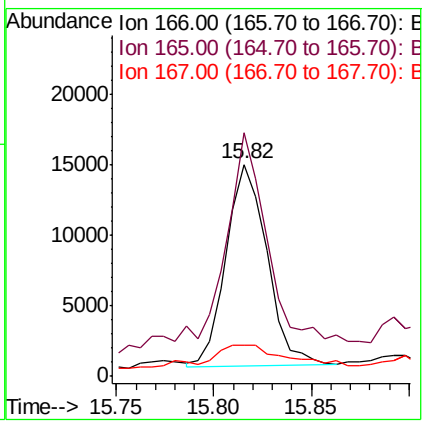


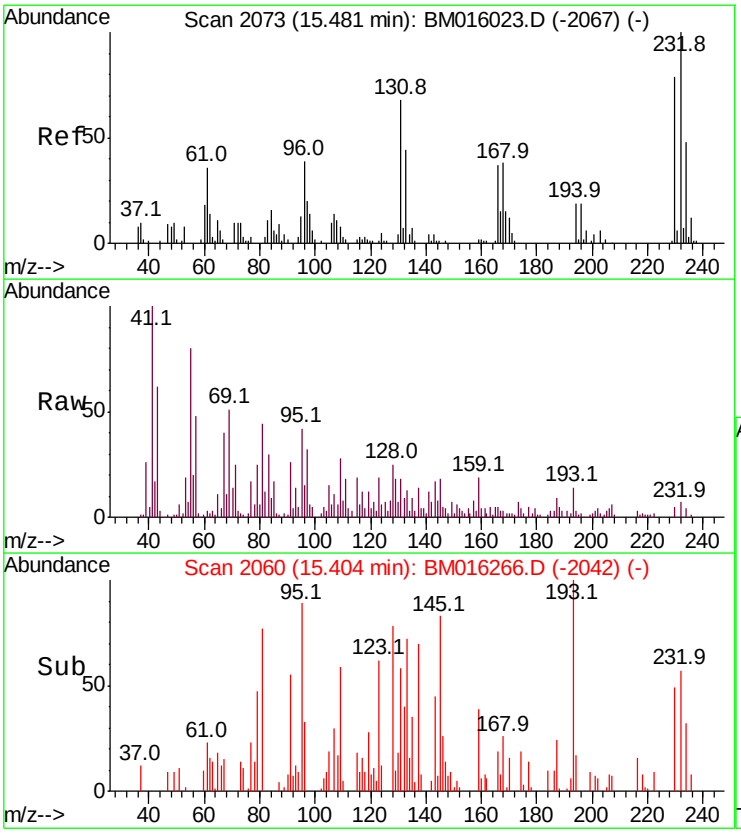
#57
Fluorene
Concen: 3.640 ng
RT: 15.82 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 20898

Ion	Ratio	Lower	Upper
166	100		
165	114.8	79.0	118.4
167	14.8	10.3	15.5

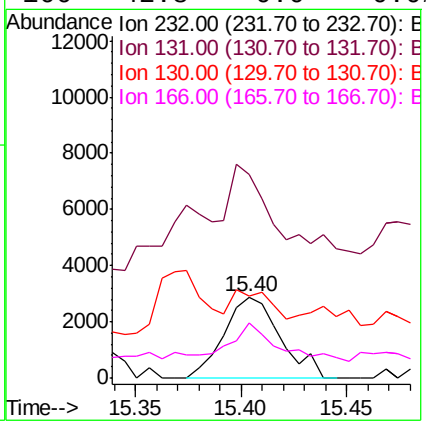


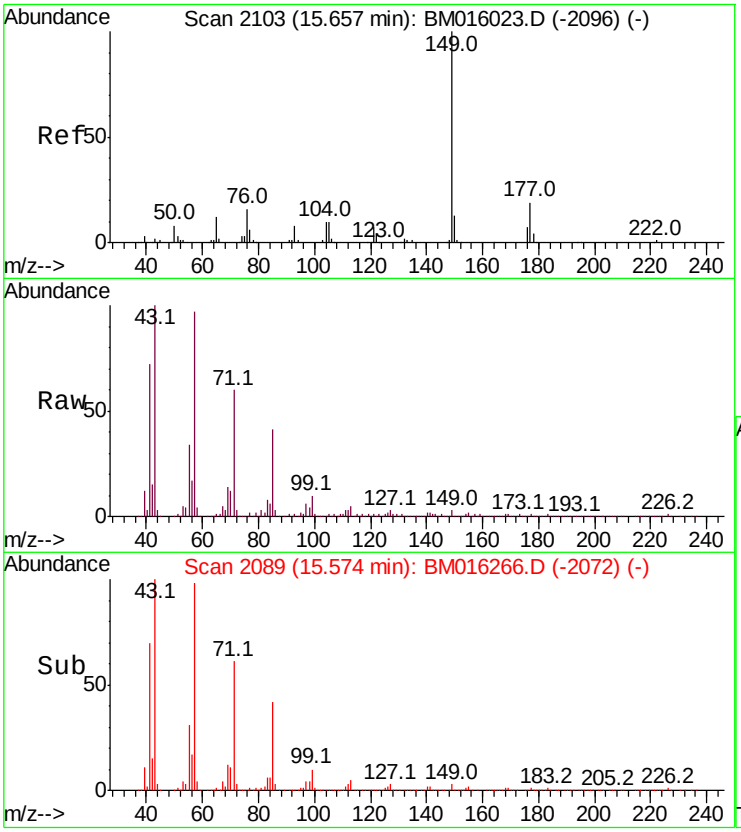


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.770 ng
RT: 15.40 min Scan# 2060
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:232 Resp: 5282

Ion	Ratio	Lower	Upper
232	100		
131	99.0	0.0	0.0#
130	30.3	0.0	0.0#
166	42.8	0.0	0.0#



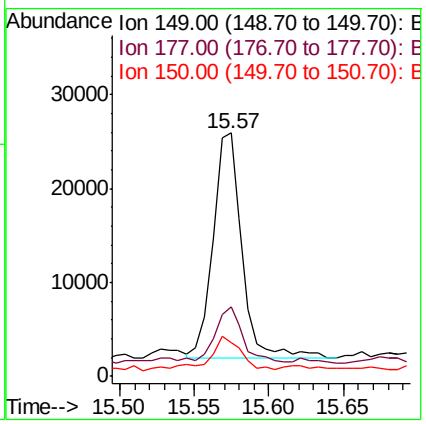


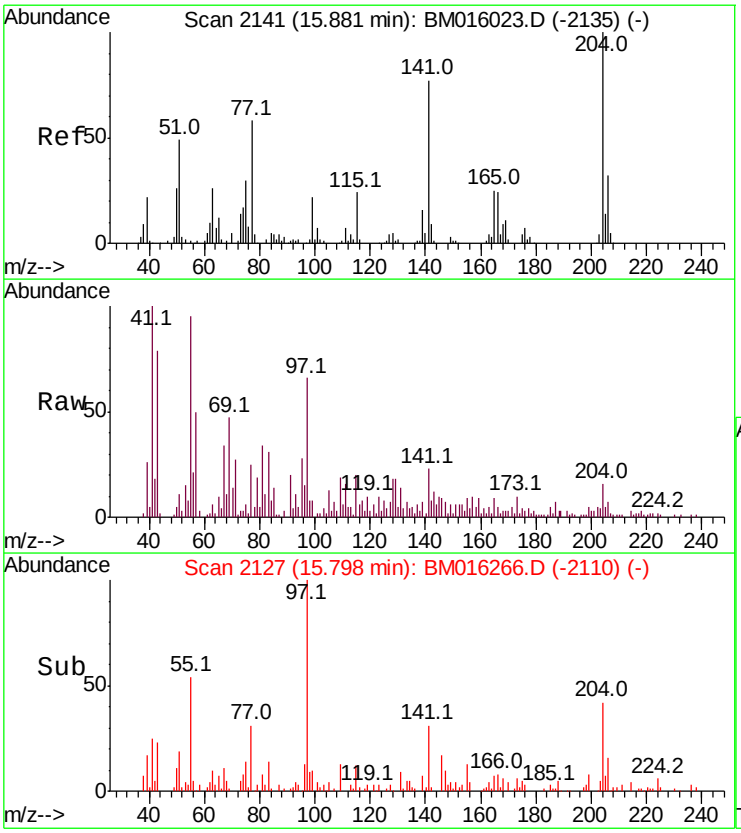
#59
Diethylphthalate
Concen: 4.642 ng
RT: 15.57 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 32483

Ion	Ratio	Lower	Upper
149	100		
177	28.6	18.3	27.5#
150	13.9	9.8	14.8

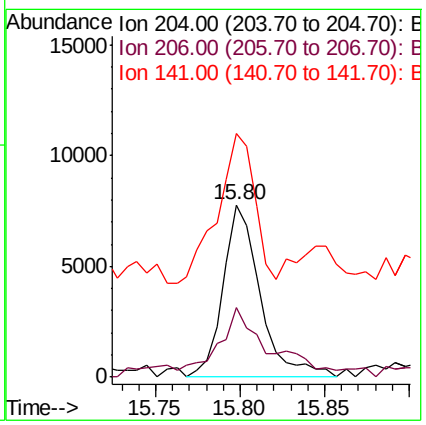


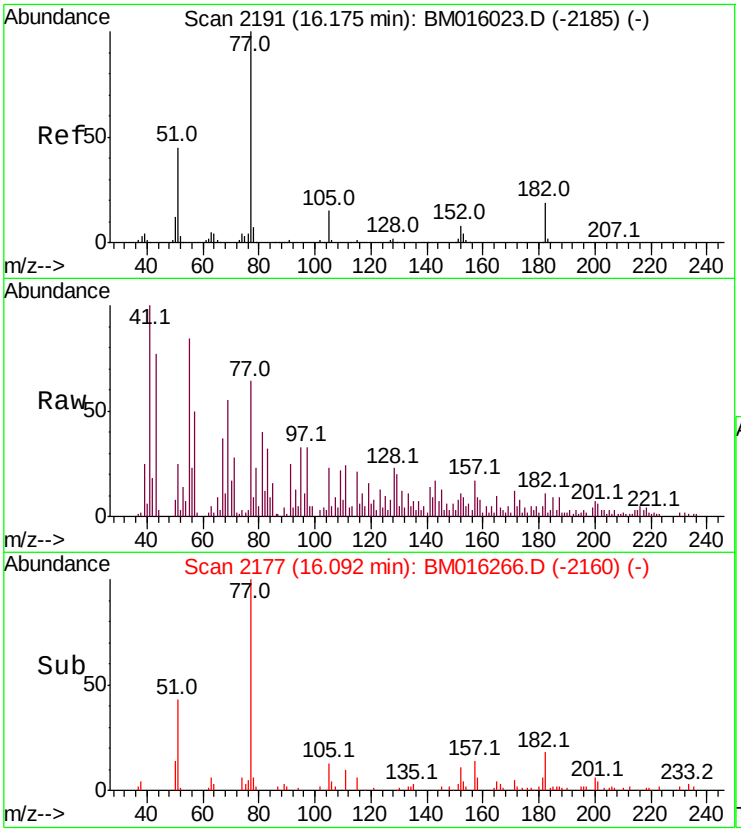


#60
4-Chlorophenyl-phenylether
Concen: 3.719 ng
RT: 15.80 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:204 Resp: 11884

Ion	Ratio	Lower	Upper
204	100		
206	40.1	26.6	39.8#
141	141.1	45.2	67.8#



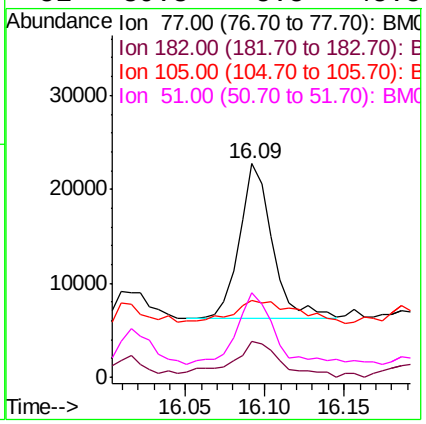


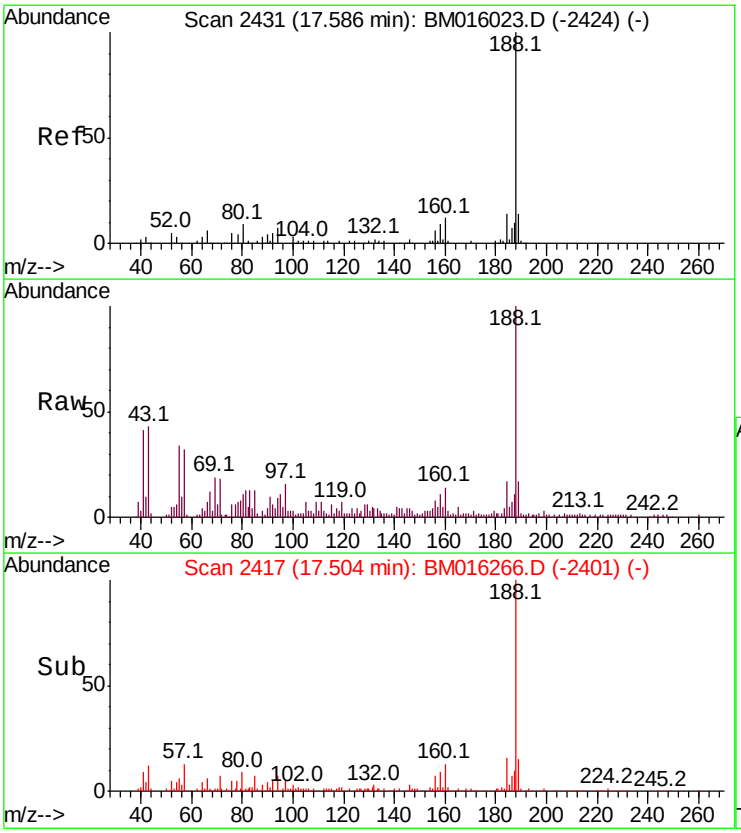
#62
Azobenzene
Concen: 3.244 ng
RT: 16.09 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 23903

Ion	Ratio	Lower	Upper
77	100		
182	16.7	6.5	46.5
105	35.8	3.8	43.8
51	39.3	5.5	45.5

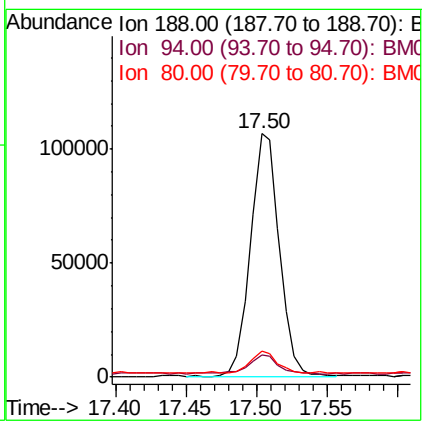


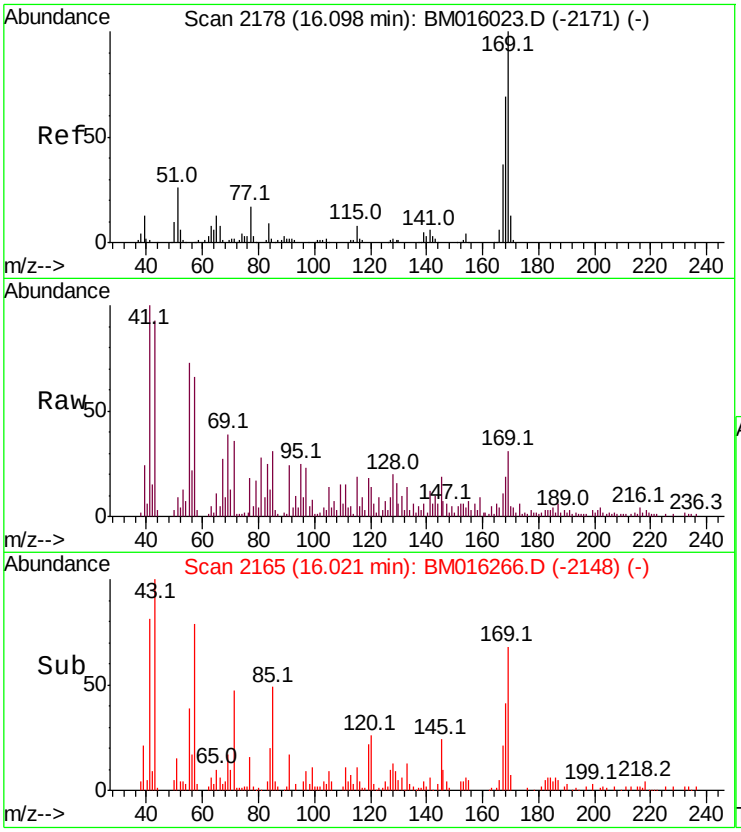


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:188 Resp: 153469

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.7	13.1
80	10.5	9.3	13.9



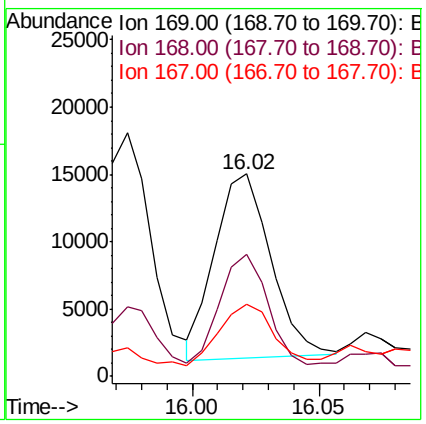


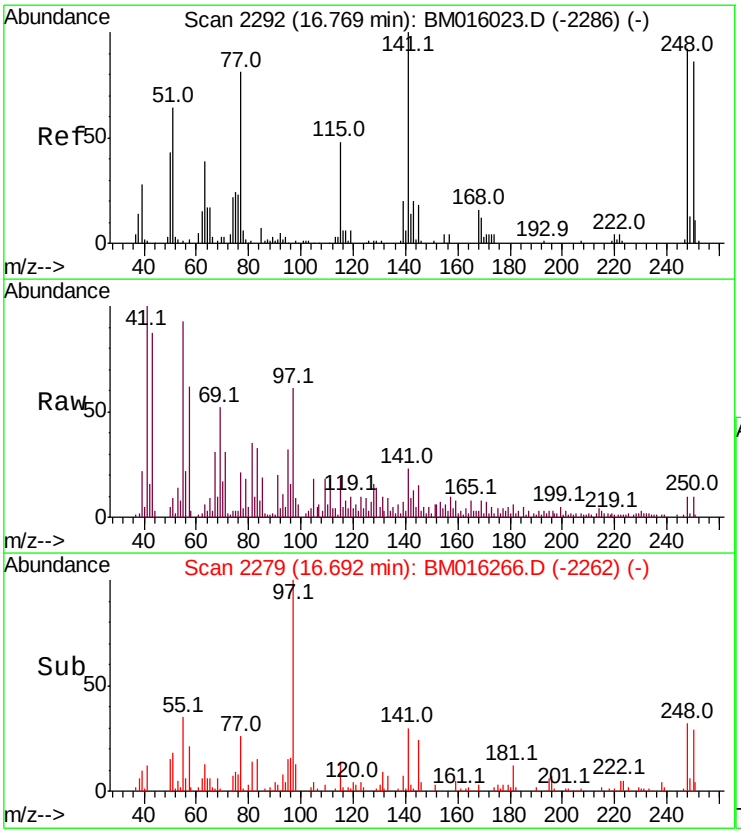
#65
n-Nitrosodiphenylamine
Concen: 4.177 ng
RT: 16.02 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 21106

Ion	Ratio	Lower	Upper
169	100		
168	60.3	53.9	80.9
167	35.8	28.9	43.3

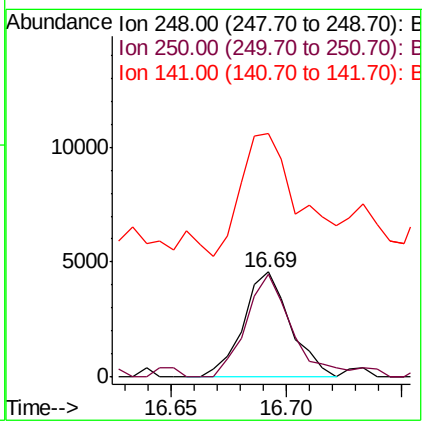


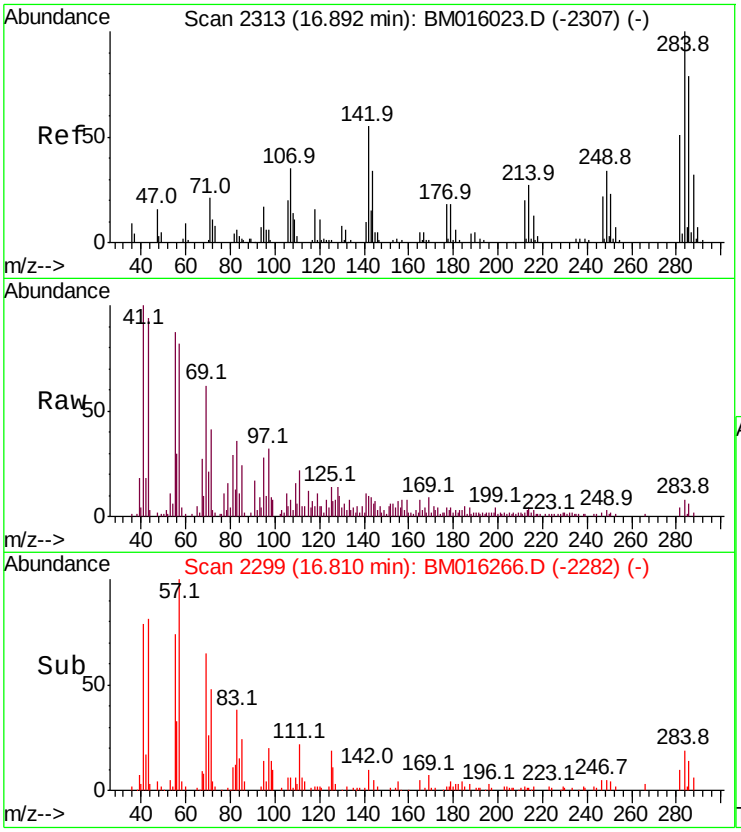


#66
4-Bromophenyl-phenylether
Concen: 3.738 ng
RT: 16.69 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:248 Resp: 6496

Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.4	116.0
141	231.6	45.2	67.8#



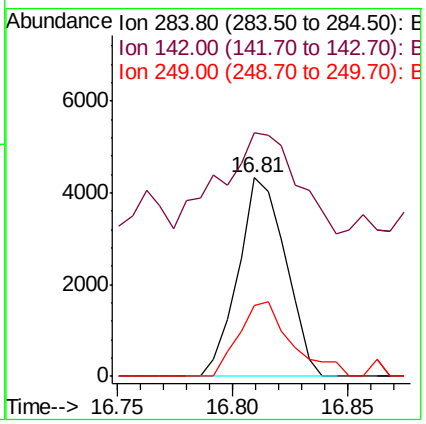


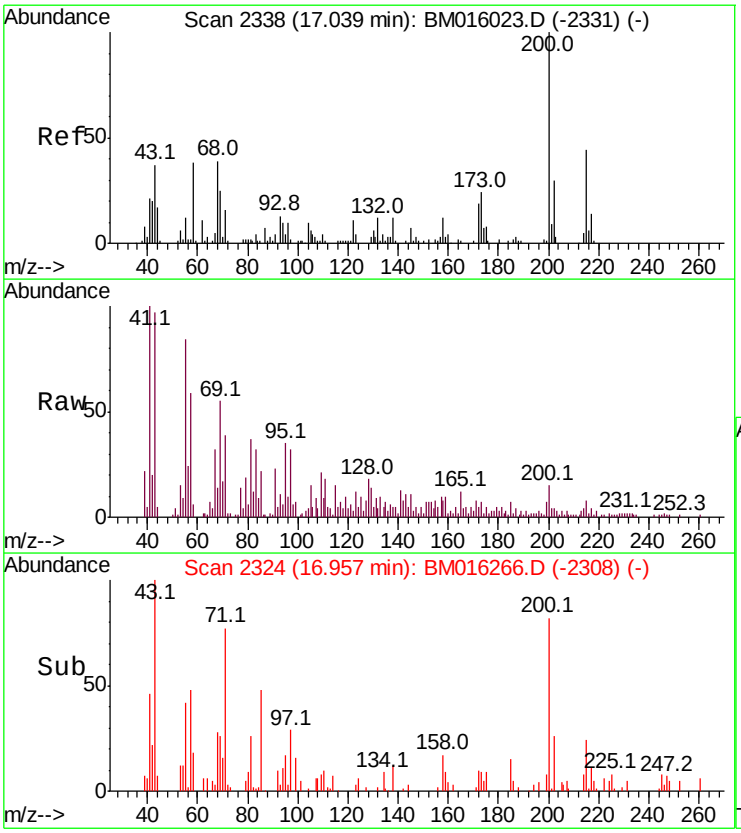
#67
Hexachlorobenzene
Concen: 3.241 ng
RT: 16.81 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 6203

Ion	Ratio	Lower	Upper
284	100		
142	122.6	20.4	30.6#
249	35.5	23.8	35.6

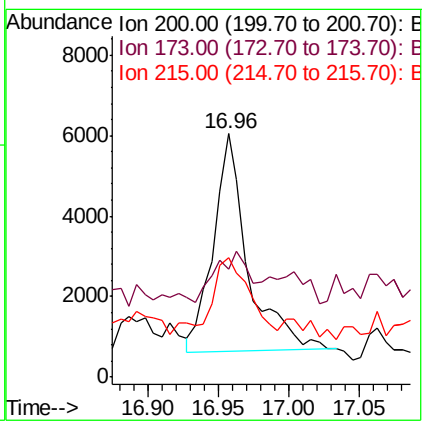


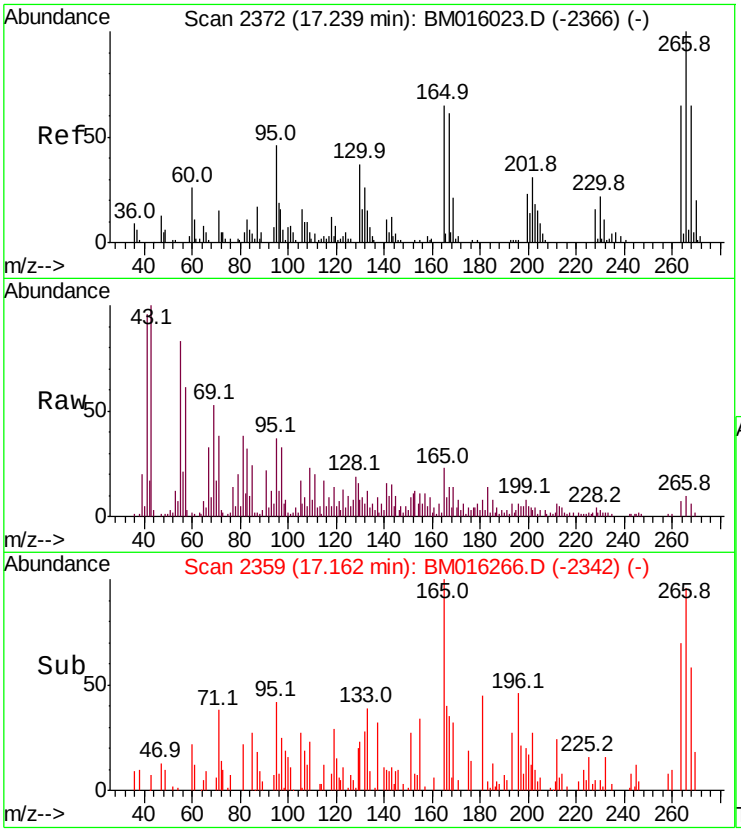


#68
Atrazine
Concen: 5.060 ng
RT: 16.96 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:200 Resp: 9164

Ion	Ratio	Lower	Upper
200	100		
173	44.5	4.8	44.8
215	49.1	26.9	66.9



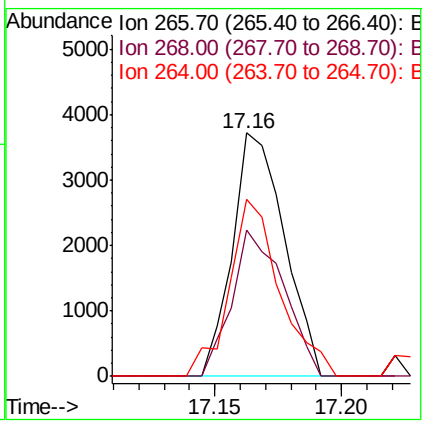


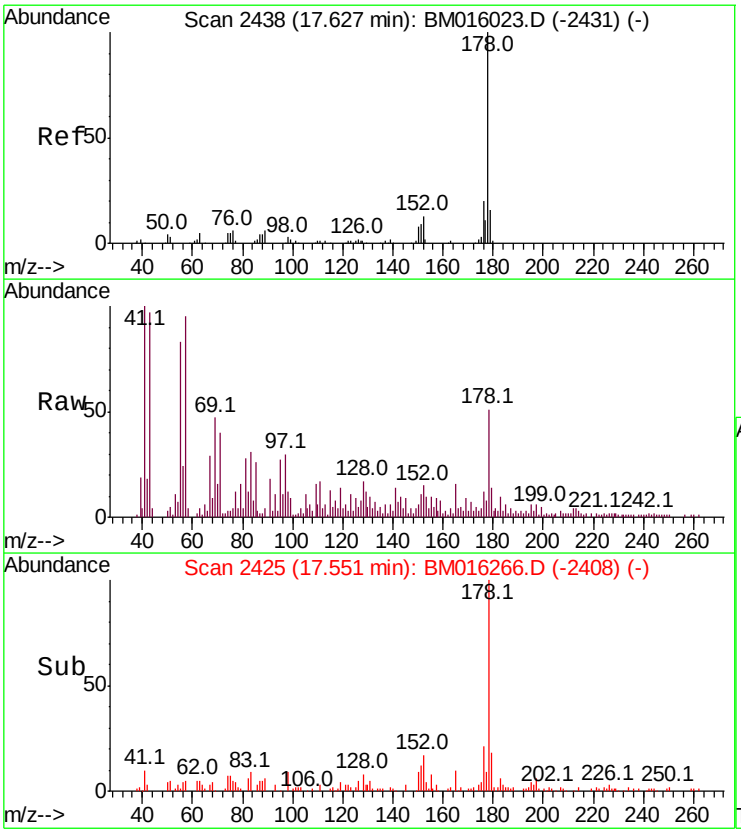
#69
Pentachlorophenol
Concen: 4.464 ng
RT: 17.16 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 5290

Ion	Ratio	Lower	Upper
266	100		
268	60.0	52.0	78.0
264	72.6	49.0	73.4

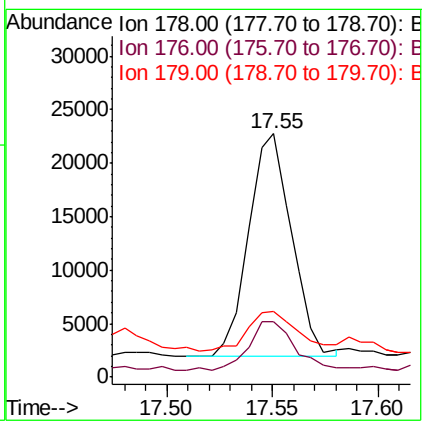


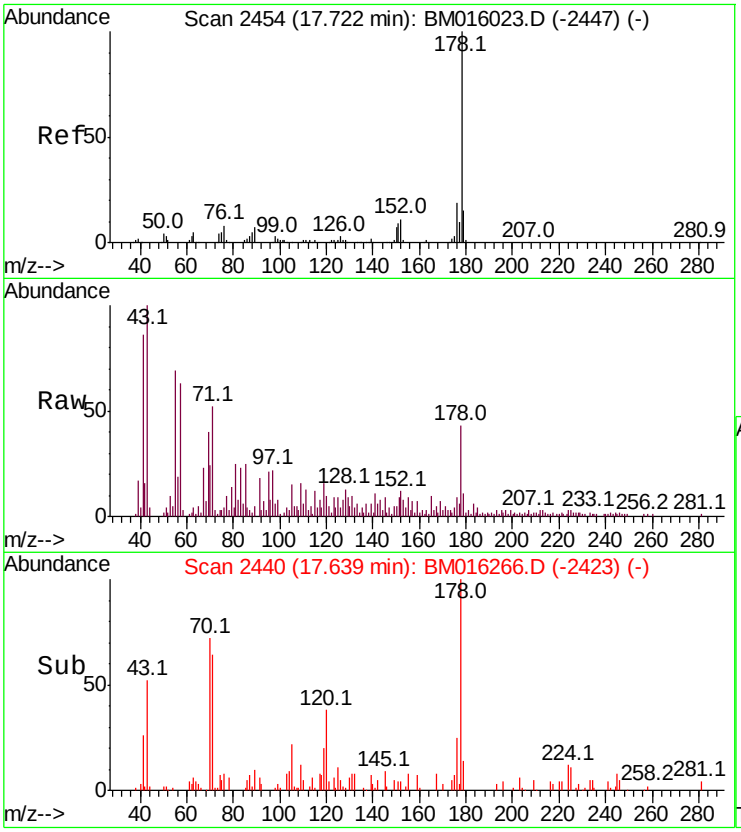


#70
Phenanthrene
Concen: 3.445 ng
RT: 17.55 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:178 Resp: 29603

Ion	Ratio	Lower	Upper
178	100		
176	22.8	15.2	22.8#
179	27.1	12.1	18.1#



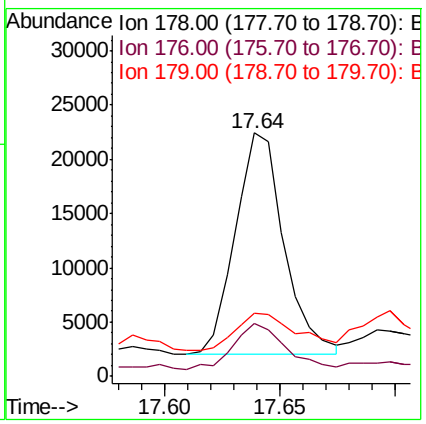


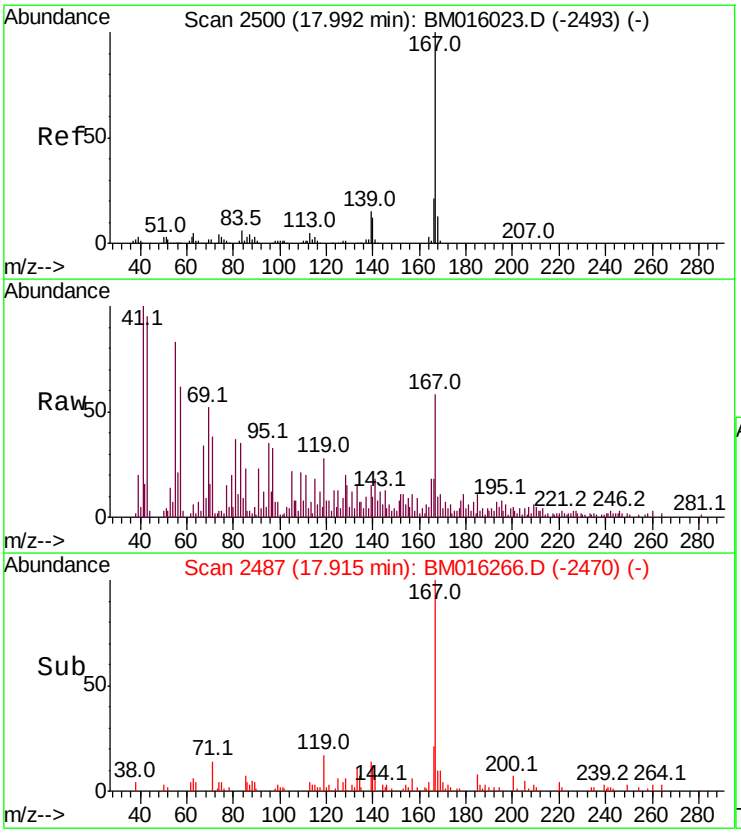
#71
Anthracene
Concen: 3.583 ng
RT: 17.64 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 29921

Ion	Ratio	Lower	Upper
178	100		
176	21.7	14.6	22.0
179	25.9	12.6	19.0#

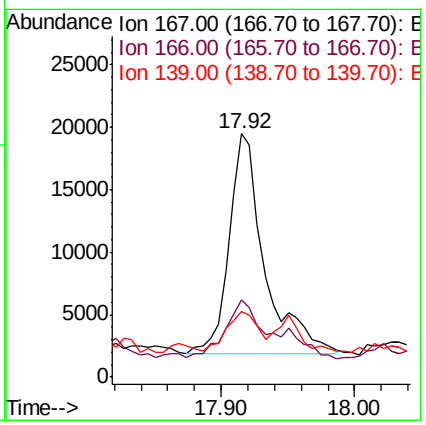


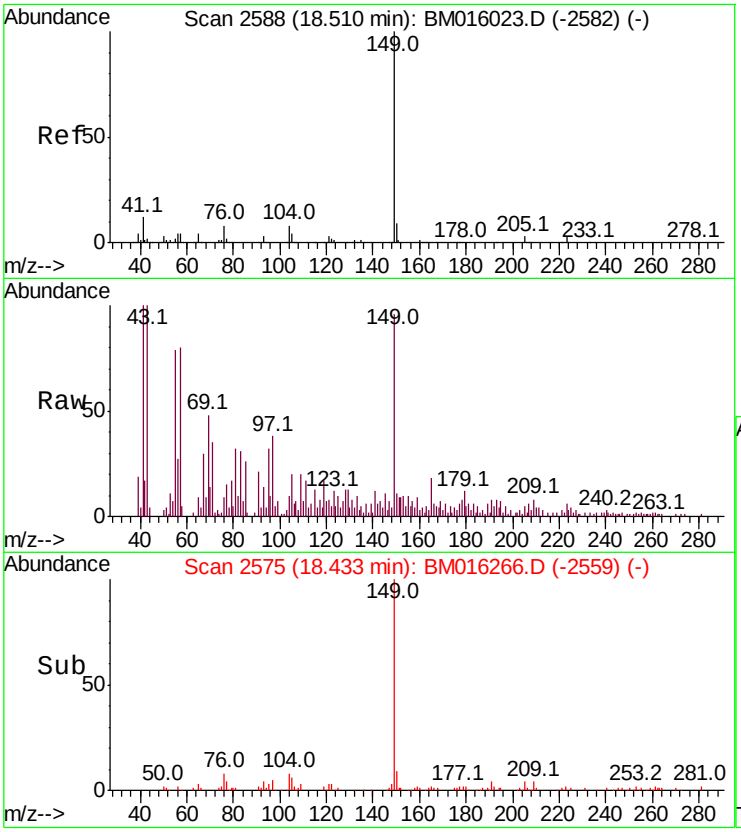


#72
Carbazole
Concen: 3.743 ng
RT: 17.92 min Scan# 2487
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:167 Resp: 32385

Ion	Ratio	Lower	Upper
167	100		
166	31.6	17.2	25.8#
139	26.8	10.8	16.2#



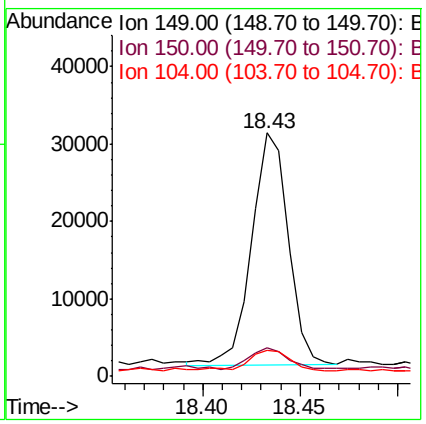


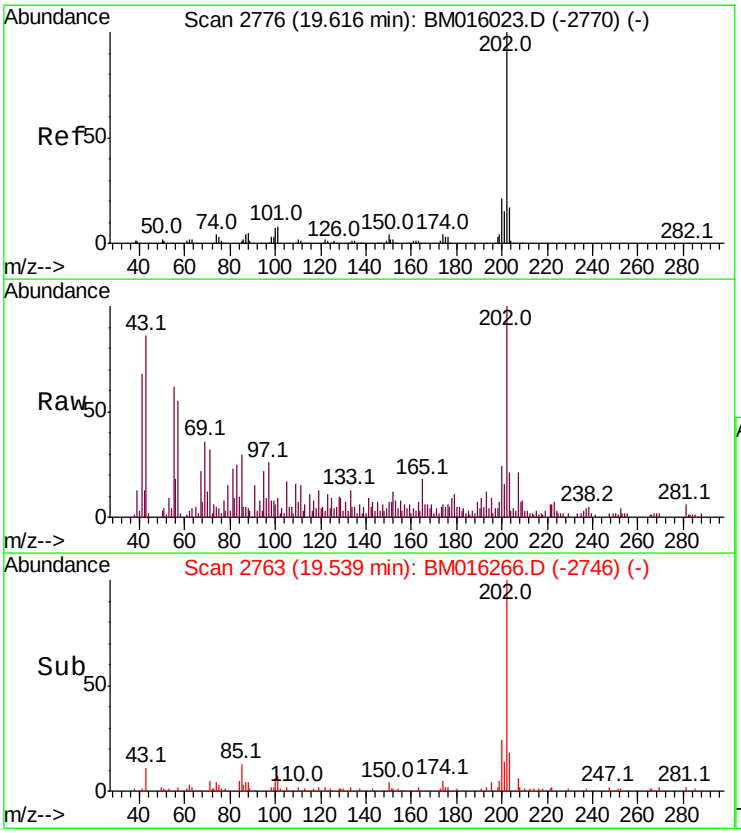
#73
Di-n-butylphthalate
Concen: 3.609 ng
RT: 18.43 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 38902

Ion	Ratio	Lower	Upper
149	100		
150	11.5	7.5	11.3#
104	10.7	3.7	5.5#

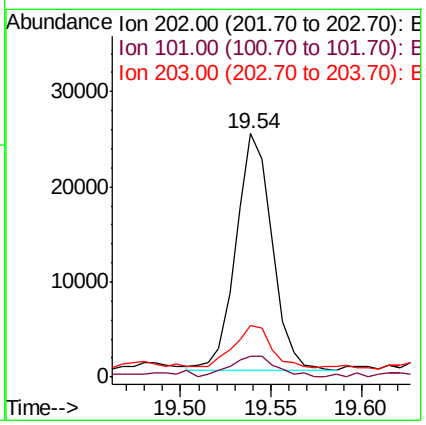


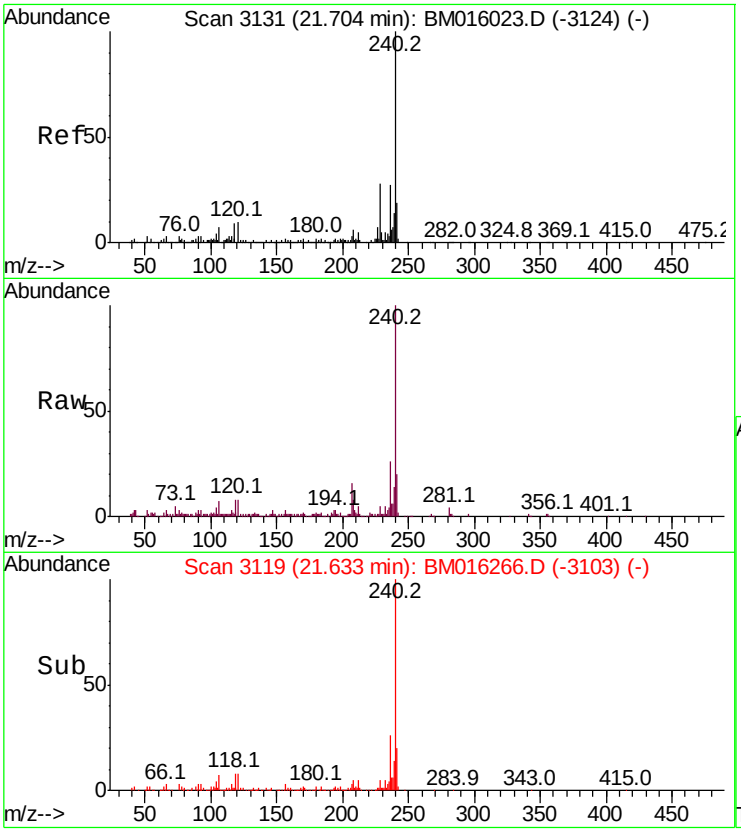


#74
Fluoranthene
Concen: 3.569 ng
RT: 19.54 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:202 Resp: 34207

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.7
203	21.0	0.0	37.2



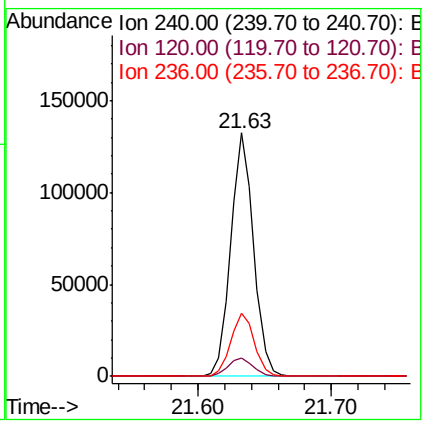


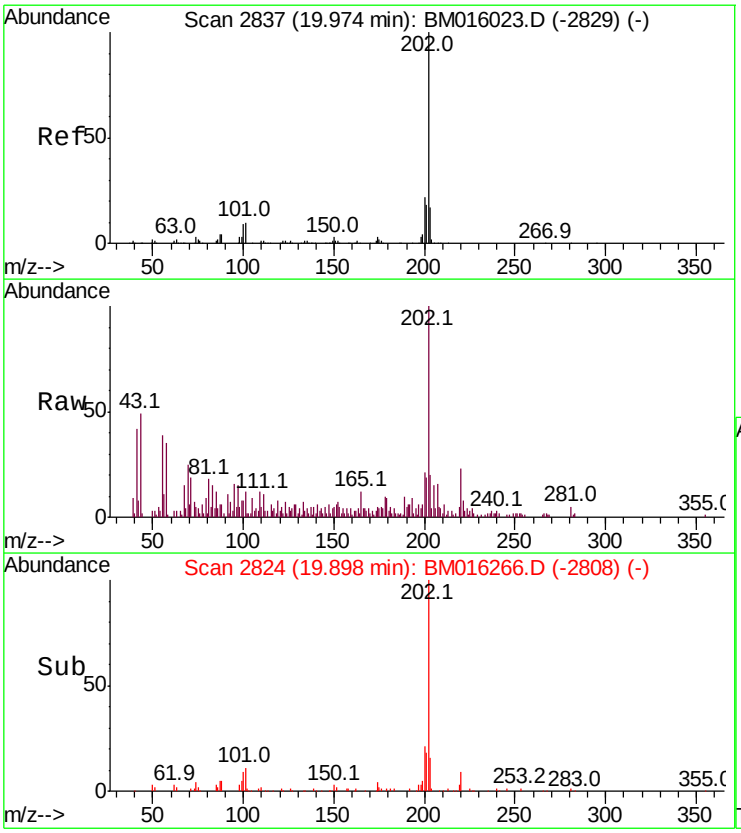
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 158342

Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.2	12.2#
236	25.8	20.0	30.0

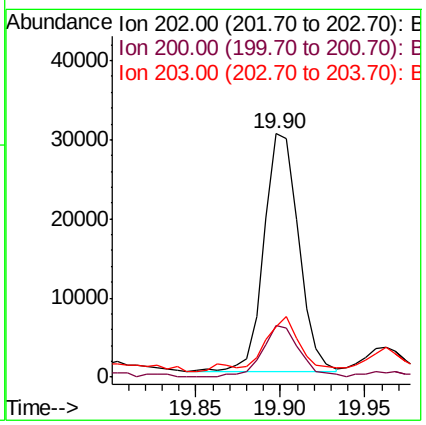


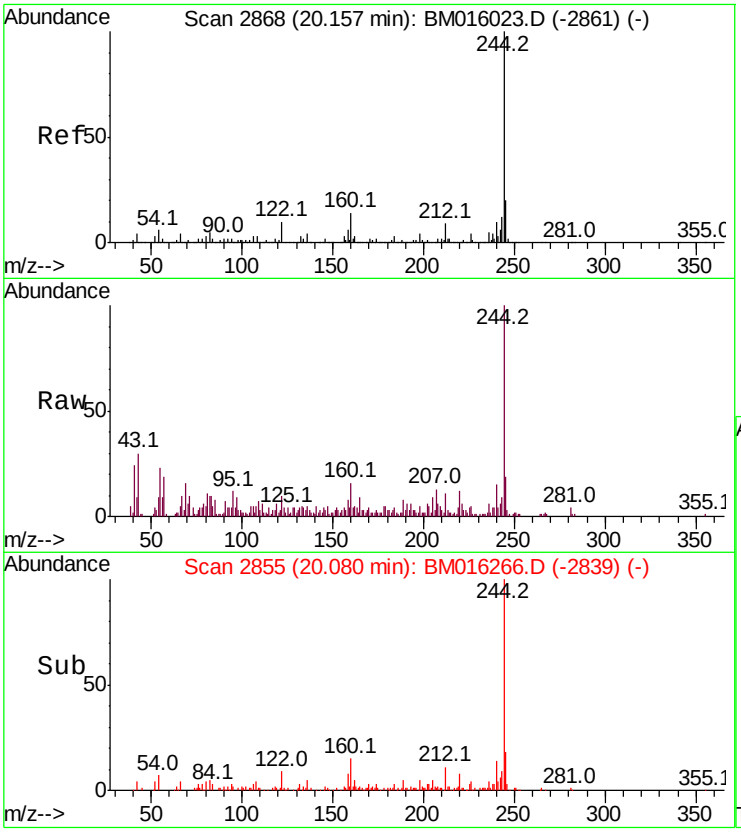


#77
Pyrene
Concen: 4.479 ng
RT: 19.90 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:202 Resp: 42497

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	20.5	14.1	21.1



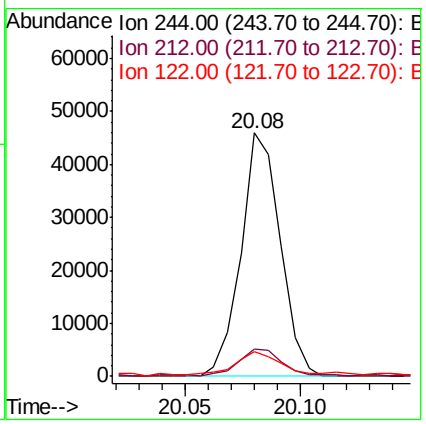


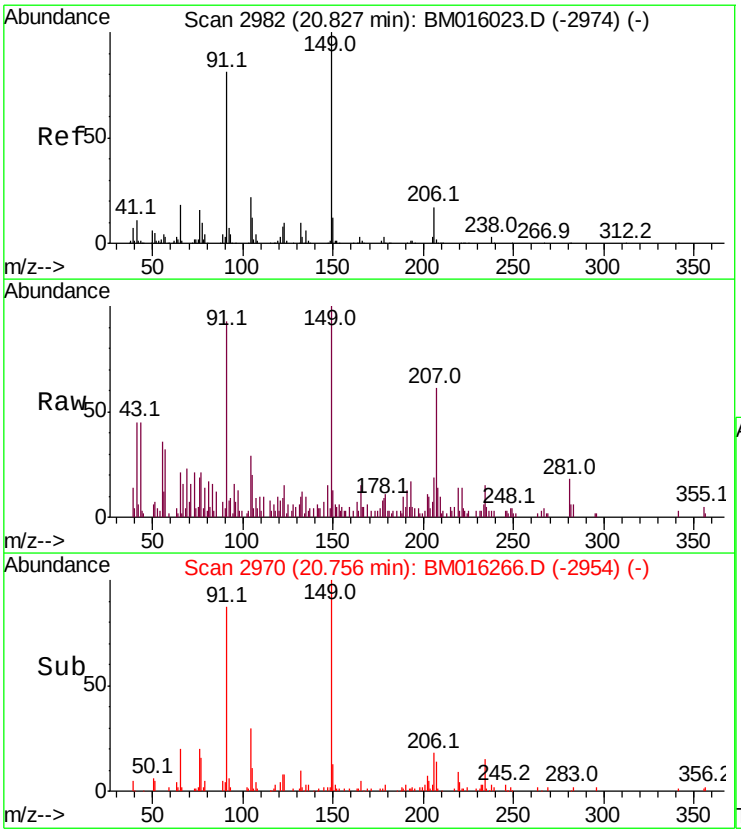
#78
Terphenyl-d14
Concen: 4.479 ng
RT: 20.08 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 54532

Ion	Ratio	Lower	Upper
244	100		
212	11.2	4.9	7.3#
122	10.2	6.2	9.4#

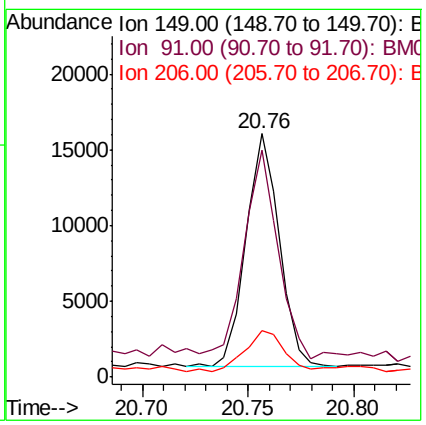


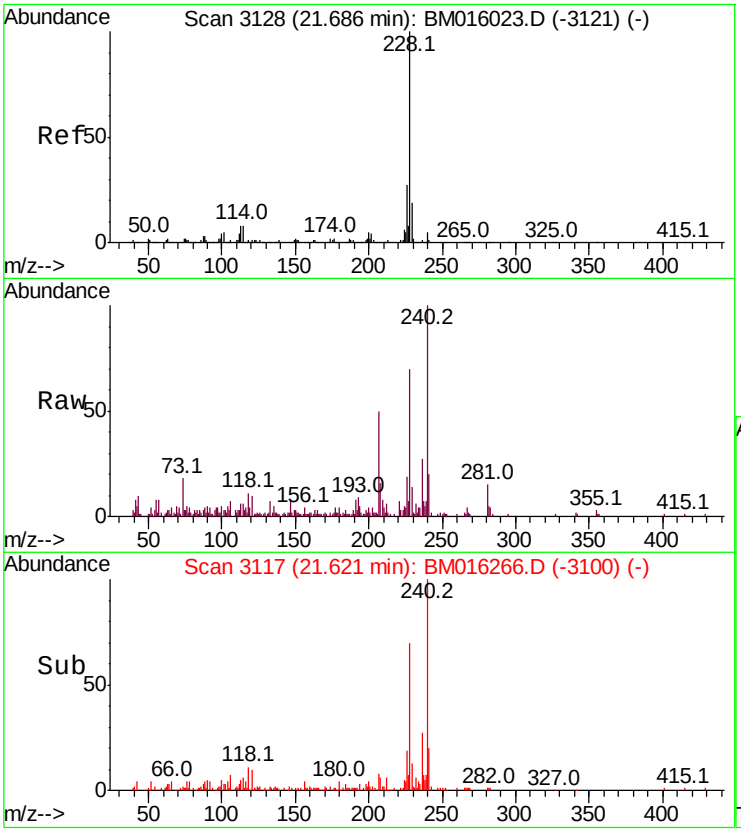


#79
Butylbenzylphthalate
Concen: 3.522 ng
RT: 20.76 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:149 Resp: 16979

Ion	Ratio	Lower	Upper
149	100		
91	93.1	50.1	75.1#
206	19.4	16.2	24.2



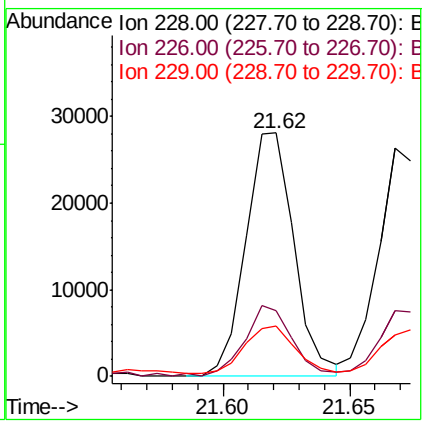


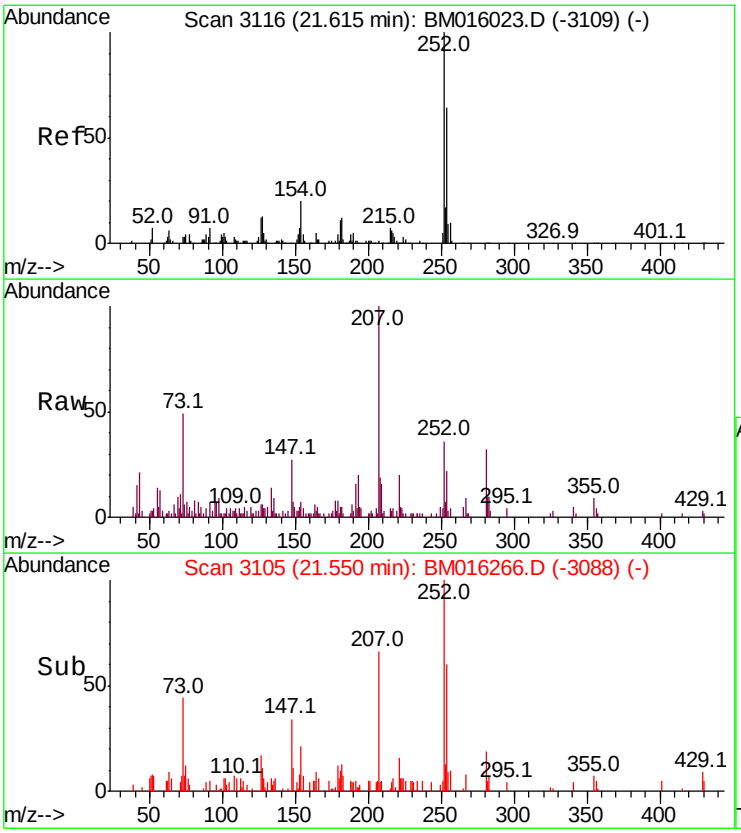
#80
Benzo(a)anthracene
Concen: 3.827 ng
RT: 21.62 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 37326

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	20.8	16.0	24.0

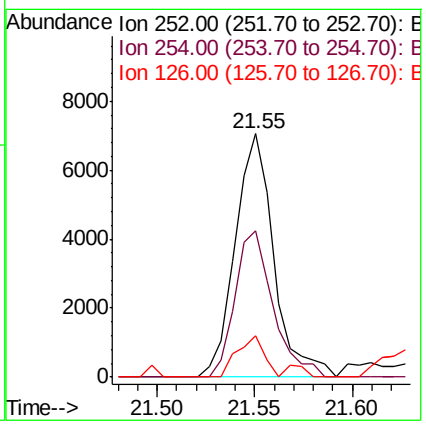


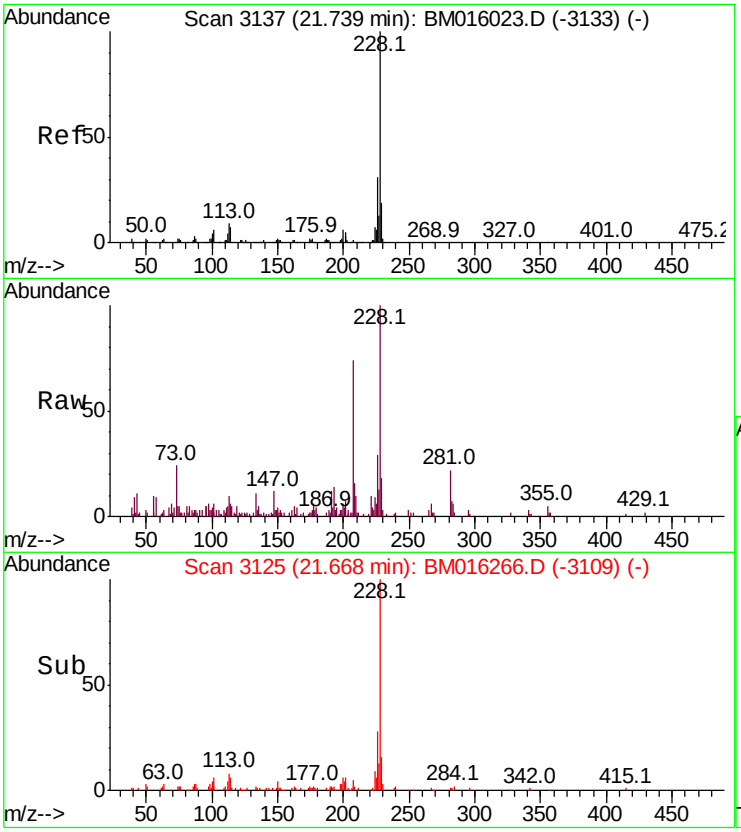


#81
3,3'-Dichlorobenzidine
Concen: 2.461 ng
RT: 21.55 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:252 Resp: 9666

Ion	Ratio	Lower	Upper
252	100		
254	60.0	51.9	77.9
126	16.8	9.8	14.8#



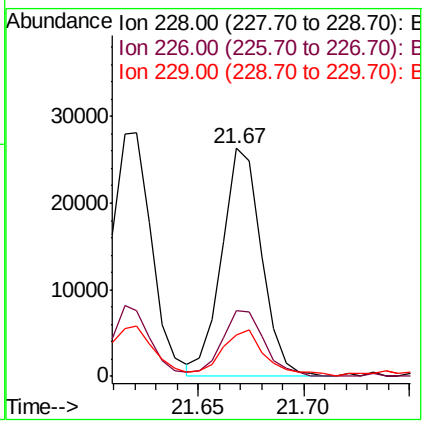


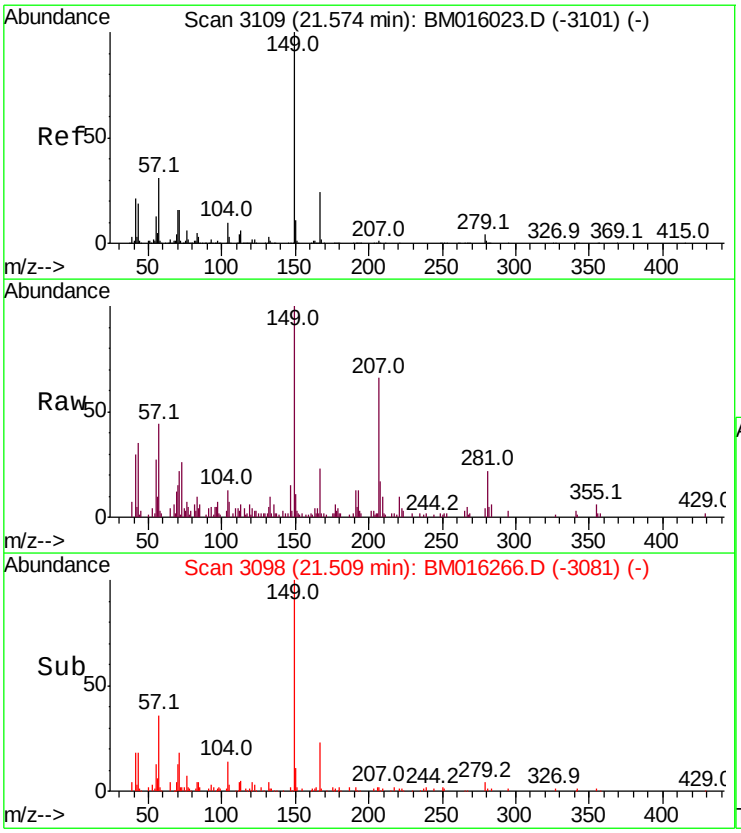
#82
Chrysene
Concen: 3.663 ng
RT: 21.67 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 34271

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.1	36.1
229	18.2	15.5	23.3

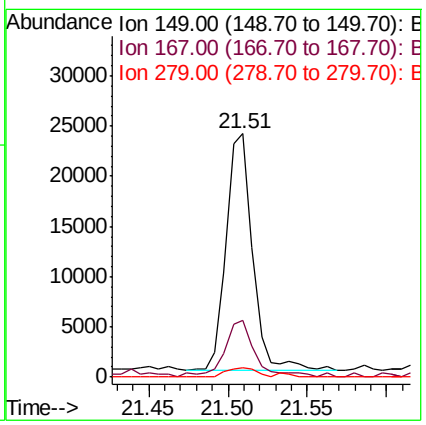


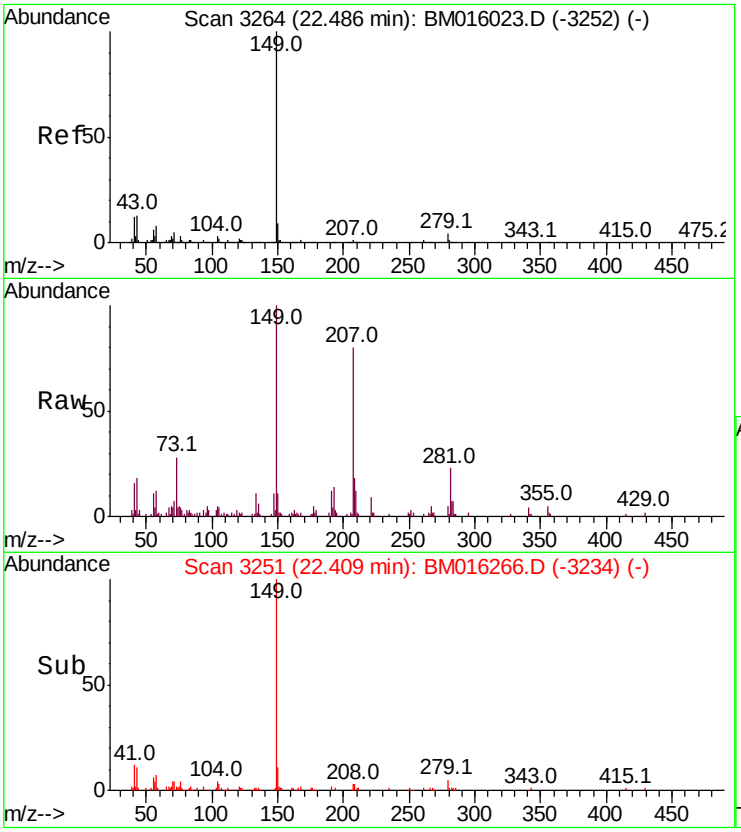


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.926 ng
RT: 21.51 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:149 Resp: 27428

Ion	Ratio	Lower	Upper
149	100		
167	23.2	22.4	33.6
279	3.9	3.4	5.0



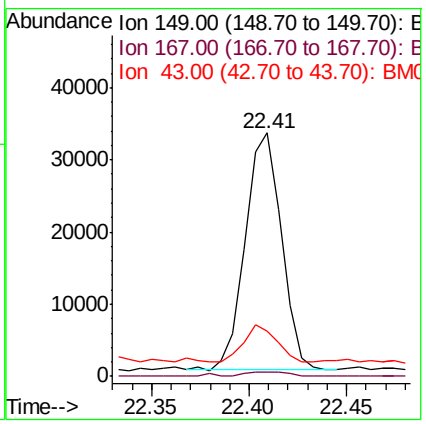


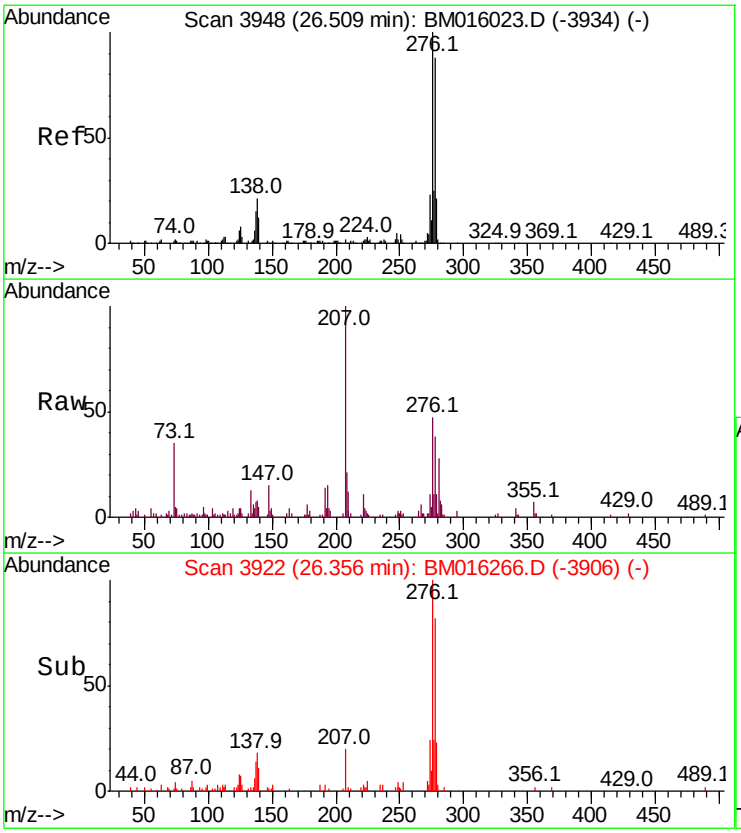
#84
Di-n-octyl phthalate
Concen: 3.611 ng
RT: 22.41 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 42404

Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.2	1.8#
43	14.2	7.3	10.9#

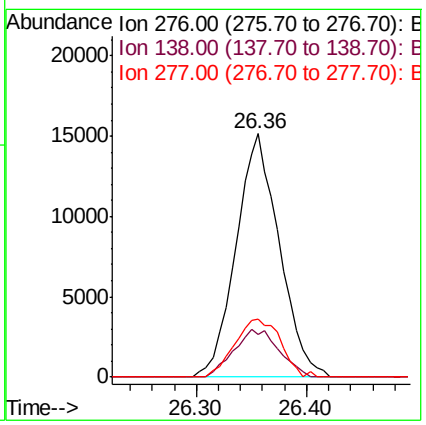


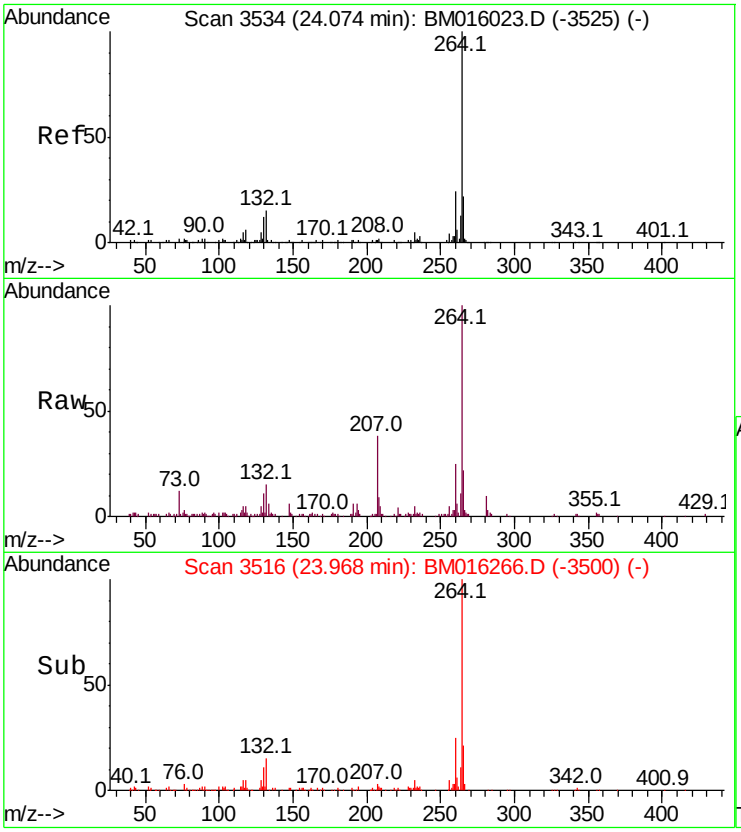


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.743 ng
RT: 26.36 min Scan# 3922
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:276 Resp: 41552

Ion	Ratio	Lower	Upper
276	100		
138	20.4	12.0	18.0#
277	25.3	20.0	30.0



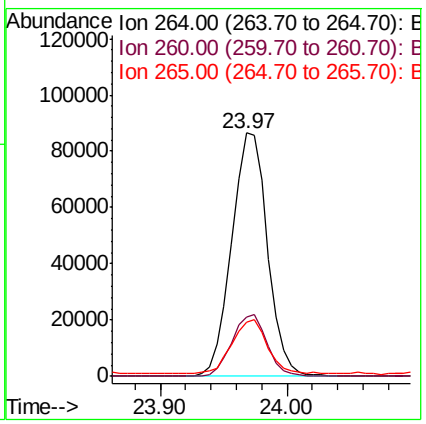


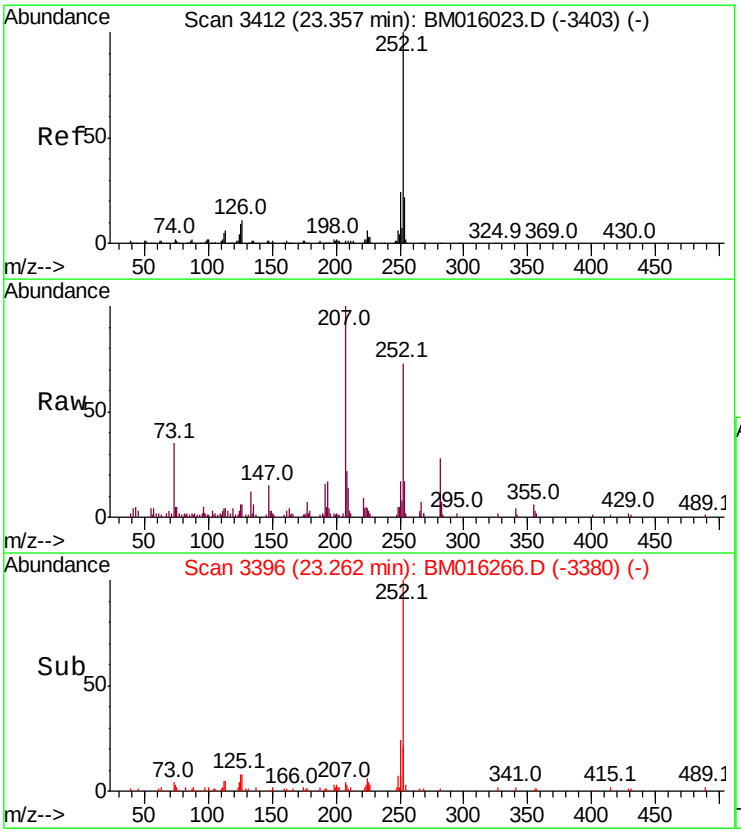
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 168720

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	22.3	17.3	25.9

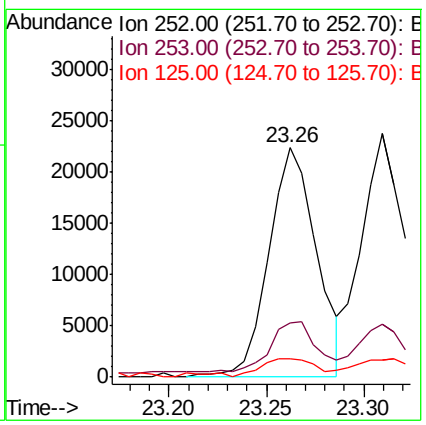


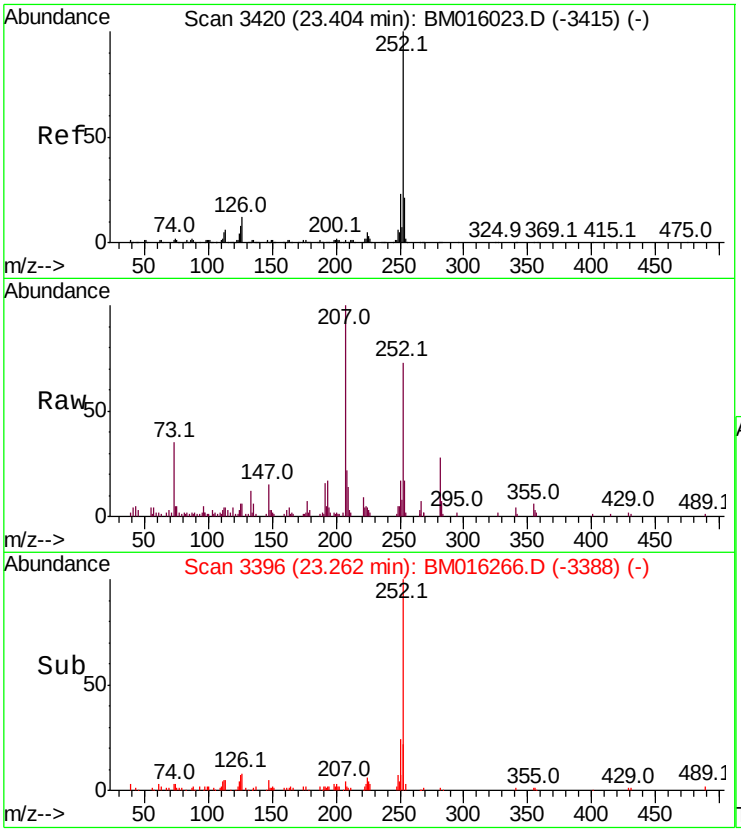


#87
Benzo(b)fluoranthene
Concen: 3.834 ng
RT: 23.26 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:252 Resp: 38086

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	8.1	9.9	14.9#



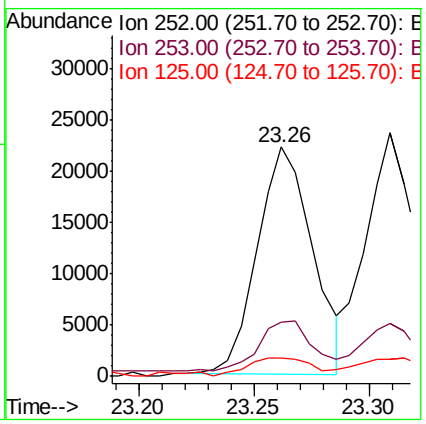


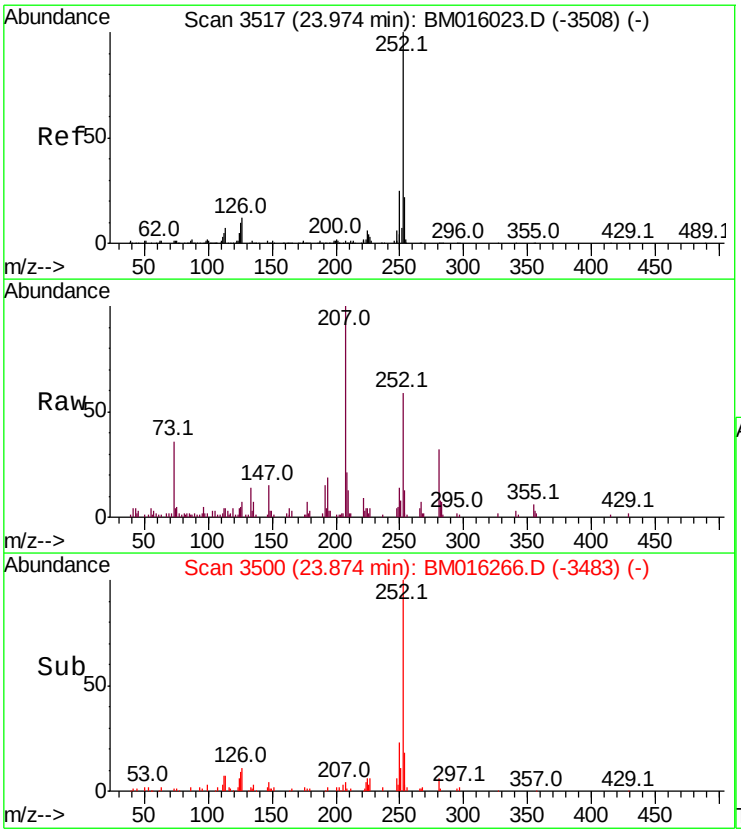
#88
Benzo(k)fluoranthene
Concen: 3.653 ng
RT: 23.26 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 36780

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	8.1	8.1	12.1

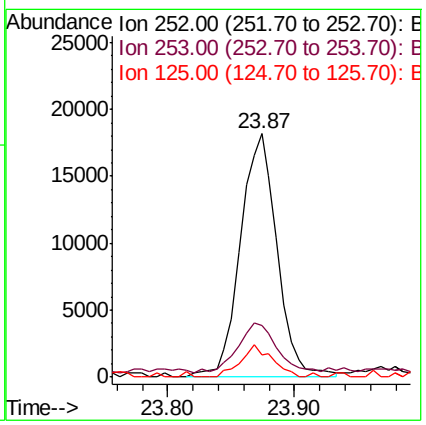


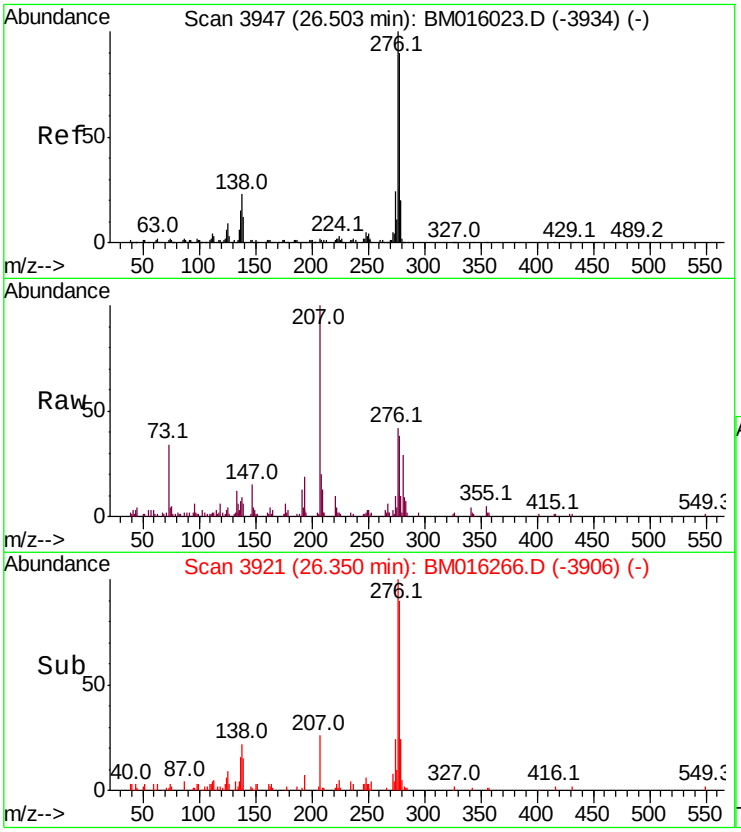


#89
Benzo(a)pyrene
Concen: 3.832 ng
RT: 23.87 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:252 Resp: 36595

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	9.2	7.4	11.2



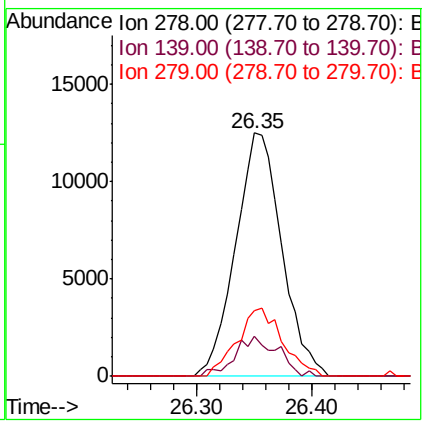


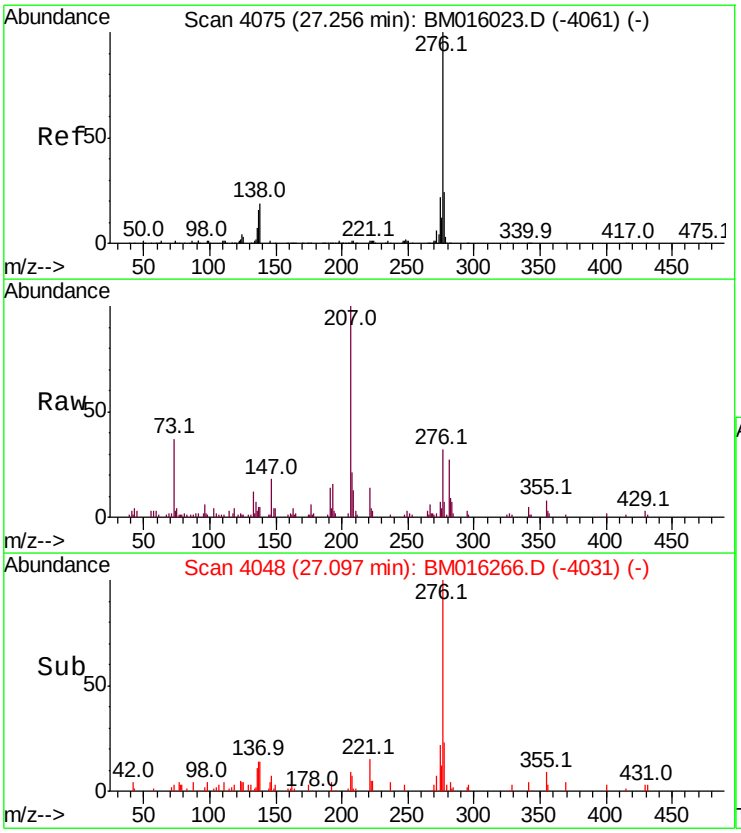
#90
Dibenzo(a,h)anthracene
Concen: 3.509 ng
RT: 26.35 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 34718

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.4	20.0
279	27.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 3.635 ng
RT: 27.10 min Scan# 4048
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:276 Resp: 34015

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	14.4	19.0	28.6#