Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104008.D
Acq On : 28 Mar 2018 14:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/29/2018 5:36:08 PM

Quant Time: Mar 28 16:55:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137520	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	568249	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	267125	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	490047	20.00	ng		0.00
75) Chrysene-d12	14.16	240	387591	20.00	ng		0.00
86) Perylene-d12	15.70	264	387675	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	668840	77.56	ng		0.00
7) Phenol-d6	6.60	99	799070	75.32	ng		0.00
23) Nitrobenzene-d5	7.53	82	730010	78.56	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	231250	77.75	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1317909	77.80	ng		0.00
78) Terphenyl-d14	13.09	244	1249721	74.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	142426m	38.295	ng		
3) Pyridine	3.62	79	372965m	39.612	ng		
4) n-Nitrosodimethylamine	3.59	42	108111m	38.630	ng		
6) Aniline	6.64	93	506741	39.899	ng		93
8) 2-Chlorophenol	6.76	128	367516	38.852	ng		96
9) Benzaldehyde	6.53	77	228245	42.461	ng		95
10) Phenol	6.62	94	436323	37.118	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	404572	39.940	ng		92
12) 1,3-Dichlorobenzene	6.90	146	410250	38.582	ng		99
13) 1,4-Dichlorobenzene	6.99	146	437803	38.426	ng		99
14) 1,2-Dichlorobenzene	7.13	146	393199	38.396	ng		100
15) Benzyl Alcohol	7.11	79	273378	39.632	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	424157	38.435	ng		62
17) 2-Methylphenol	7.22	107	301955	39.220	ng	#	91
18) Hexachloroethane	7.47	117	147706	38.720	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	244680	38.862	ng		91
20) 3+4-Methylphenols	7.37	107	396272	40.330	ng	#	64
22) Acetophenone	7.38	105	520328	37.846	ng		98
24) Nitrobenzene	7.55	77	384431	39.322	ng		98
25) Isophorone	7.78	82	645234	37.680	ng		100
26) 2-Nitrophenol	7.86	139	197674	38.735	ng		96
27) 2,4-Dimethylphenol	7.90	122	278463	37.835	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	412841	38.467	ng		99
29) 2,4-Dichlorophenol	8.11	162	300937	39.146	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	339928	38.972	ng		97
31) Naphthalene	8.27	128	1060645	38.206	ng		99
32) Benzoic acid	8.04	122	220013m	40.806	ng		
33) 4-Chloroaniline	8.32	127	463700	39.620	ng		98
34) Hexachlorobutadiene	8.37	225	182410	38.430	ng		98
35) Caprolactam	8.70	113	93351	38.297	ng	#	76
36) 4-Chloro-3-methylphenol	8.80	107	319887	39.340	ng		95
37) 2-Methylnaphthalene	8.96	142	700593	38.312	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	315069	38.463	ng		98
40) Hexachlorocyclopentadiene	9.10	237	141546	39.625	ng		98

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Data File : BF104008.D
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Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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3/29/2018 5:36:08 PM

Quant Time: Mar 28 16:55:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	204316	39.390	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	242130	38.661	ng		95
45) 1,1'-Biphenyl	9.42	154	878642	38.324	ng		99
46) 2-Chloronaphthalene	9.45	162	695000	38.430	ng		99
47) 2-Nitroaniline	9.56	65	197493	38.297	ng		95
48) Acenaphthylene	9.87	152	1033110	37.708	ng		100
49) Dimethylphthalate	9.72	163	798042	37.839	ng		100
50) 2,6-Dinitrotoluene	9.79	165	177086	39.028	ng		90
51) Acenaphthene	10.04	154	593386	37.439	ng		100
52) 3-Nitroaniline	9.97	138	198775	38.109	ng		99
53) 2,4-Dinitrophenol	10.07	184	72002	39.389	ng	#	30
54) Dibenzofuran	10.22	168	868859	37.540	ng		99
55) 4-Nitrophenol	10.14	139	120828	38.634	ng		92
56) 2,4-Dinitrotoluene	10.20	165	226757	39.164	ng		93
57) Fluorene	10.56	166	711815	37.284	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	180615	38.492	ng		89
59) Diethylphthalate	10.42	149	767207	37.972	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	331307	37.783	ng		92
61) 4-Nitroaniline	10.59	138	183328	37.563	ng		95
62) Azobenzene	10.70	77	700329	38.333	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	121215	40.863	ng		81
65) n-Nitrosodiphenylamine	10.67	169	626400	37.743	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	201665	38.465	ng		94
67) Hexachlorobenzene	11.10	284	228732	37.927	ng	#	91
68) Atrazine	11.19	200	193874	38.131	ng		98
69) Pentachlorophenol	11.30	266	131881	39.740	ng		96
70) Phenanthrene	11.53	178	987075	37.204	ng		99
71) Anthracene	11.58	178	1039963	37.526	ng		99
72) Carbazole	11.74	167	994579	37.602	ng		99
73) Di-n-butylphthalate	12.04	149	1178682	37.411	ng		99
74) Fluoranthene	12.72	202	1044332	37.031	ng		100
76) Benzidine	12.84	184	465929	42.183	ng		98
77) Pyrene	12.95	202	1074350	38.559	ng		99
79) Butylbenzylphthalate	13.55	149	504110	38.404	ng		99
80) Benzo(a)anthracene	14.14	228	925375	38.156	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	300117	37.386	ng		97
82) Chrysene	14.19	228	896416	37.738	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	638398	37.640	ng		99
84) Di-n-octyl phthalate	14.73	149	1110832	38.075	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	874041	35.508	ng		96
87) Benzo(b)fluoranthene	15.24	252	854296	36.209	ng		98
88) Benzo(k)fluoranthene	15.27	252	880999	39.640	ng		98
89) Benzo(a)pyrene	15.63	252	824705	37.720	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	719768	35.606	ng		98
91) Benzo(g,h,i)perylene	17.77	276	707207	34.928	ng		95

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

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Acq On : 28 Mar 2018 14:26
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Sample : SSTDCCC040
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Quant Time: Mar 28 16:55:01 2018
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QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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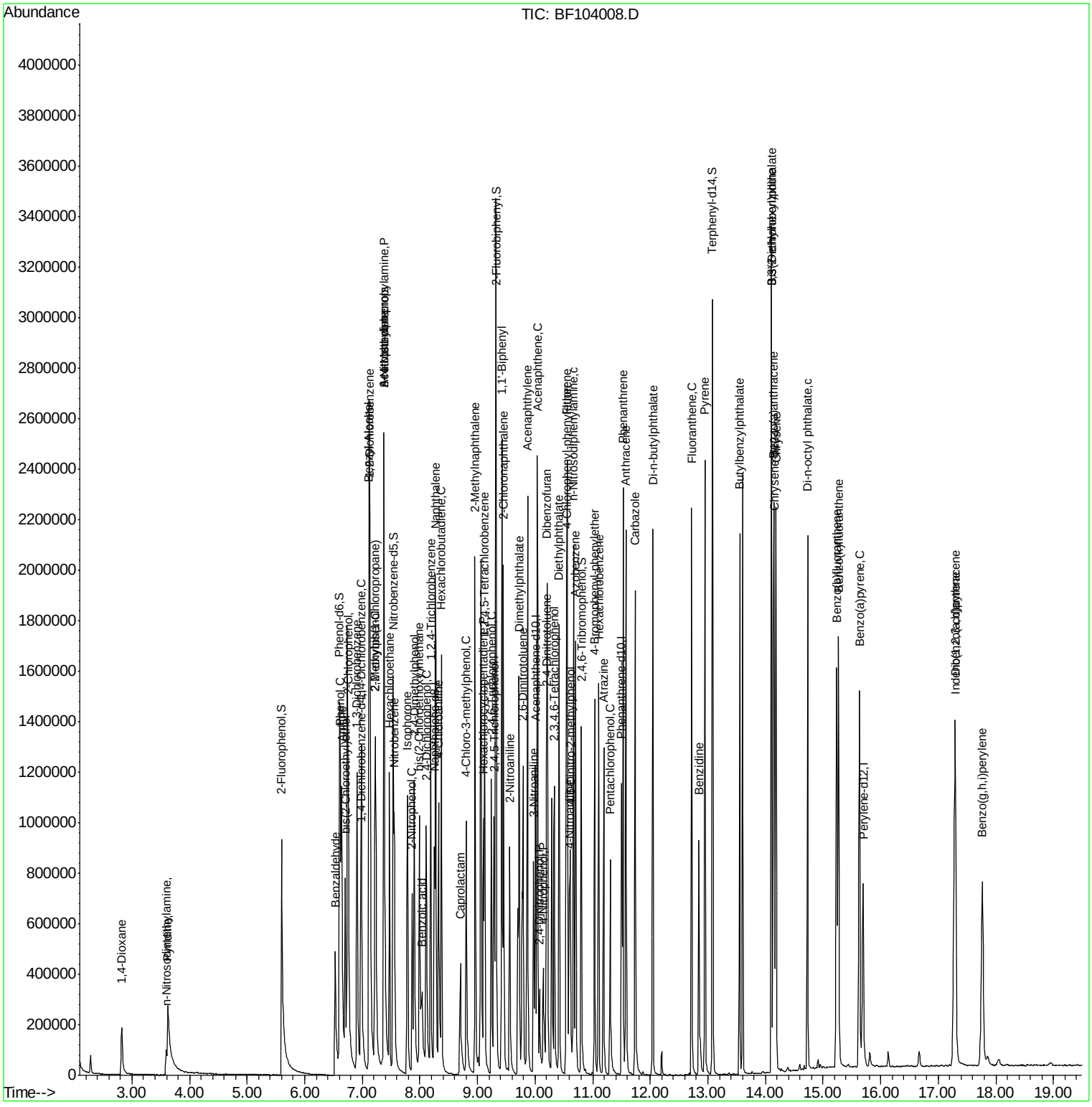
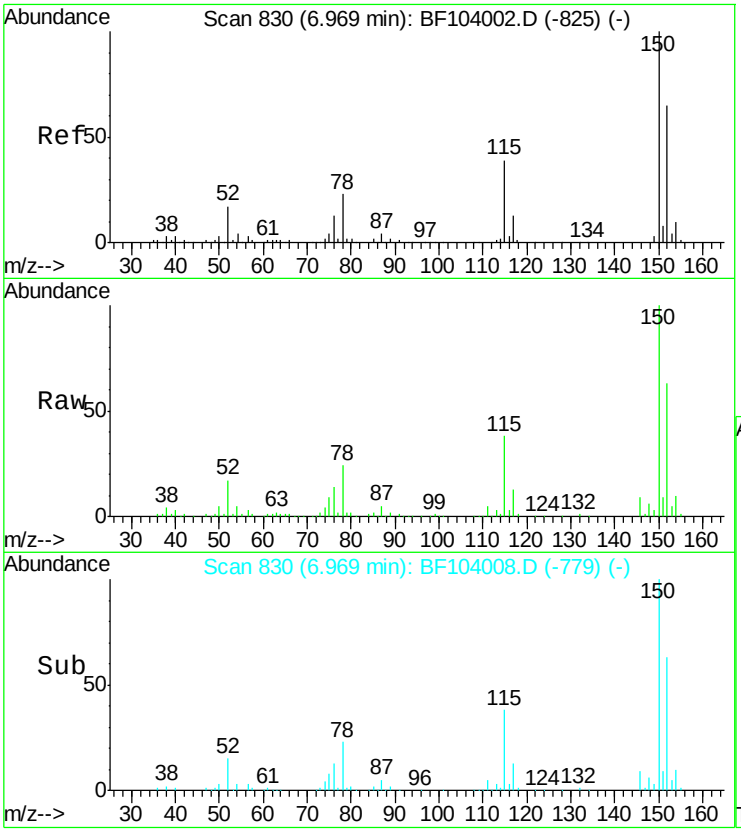
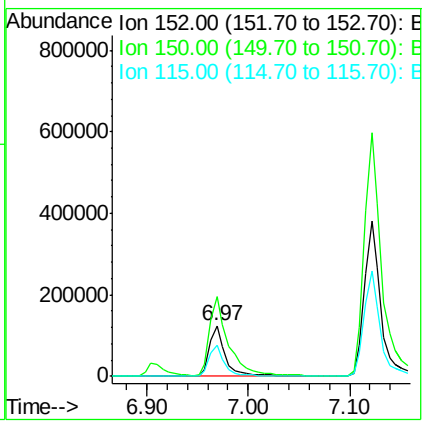




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:152 Resp: 137520

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	60.6	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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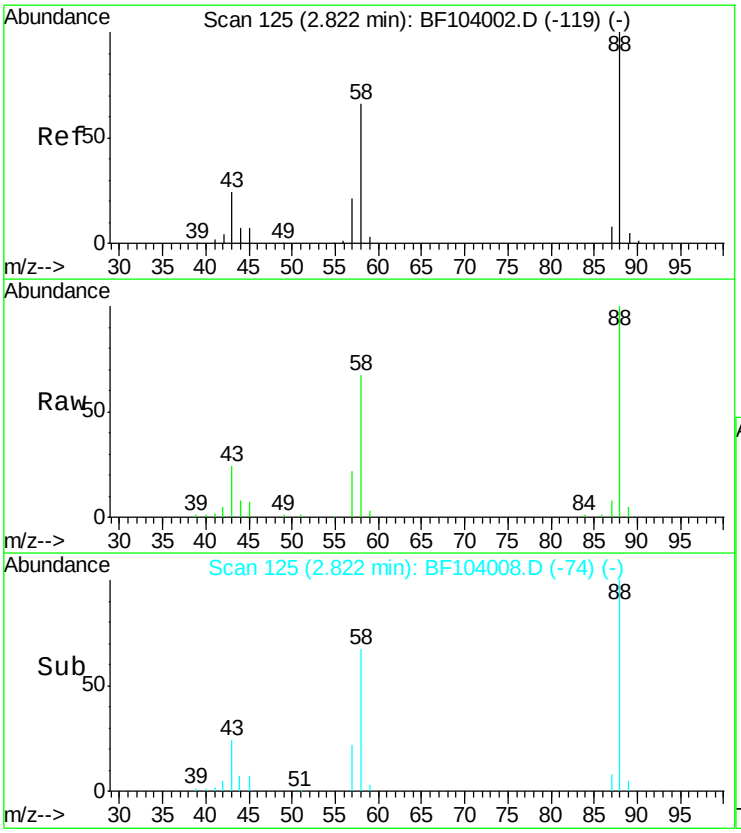
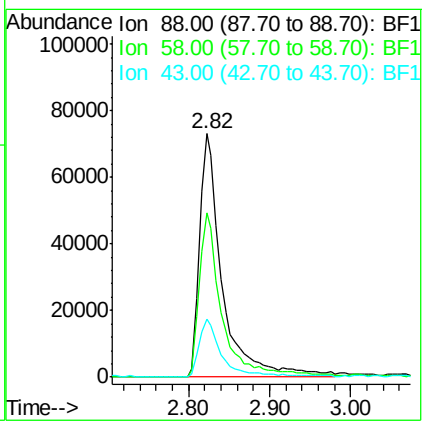
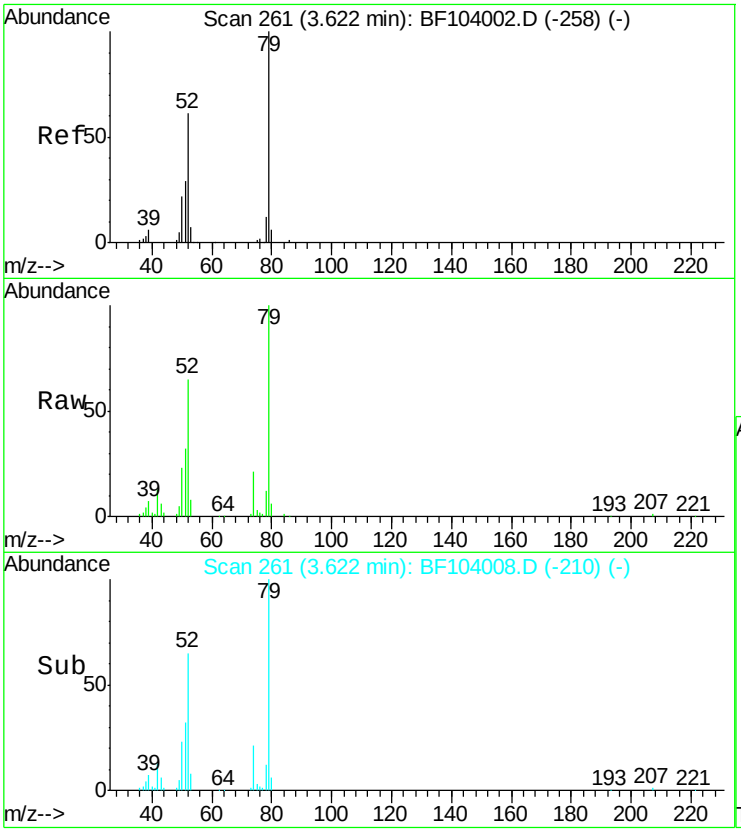


#2
1,4-Dioxane
Concen: 38.295 ng m
RT: 2.82 min Scan# 125
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 88 Resp: 142426

Ion	Ratio	Lower	Upper
88	100		
58	67.4	62.6	93.8
43	23.3	24.6	37.0#

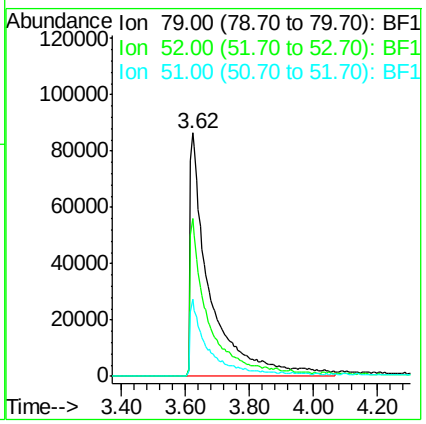




#3
Pyridine
Concen: 39.612 ng m
RT: 3.62 min Scan# 261
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 79 Resp: 372965

Ion	Ratio	Lower	Upper
79	100		
52	64.9	59.8	89.6
51	31.9	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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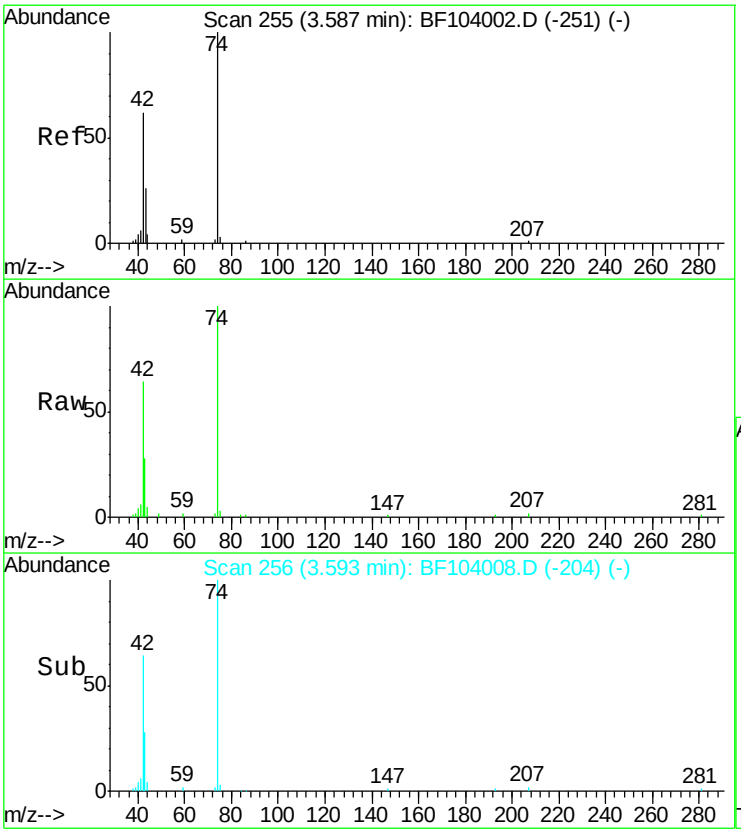
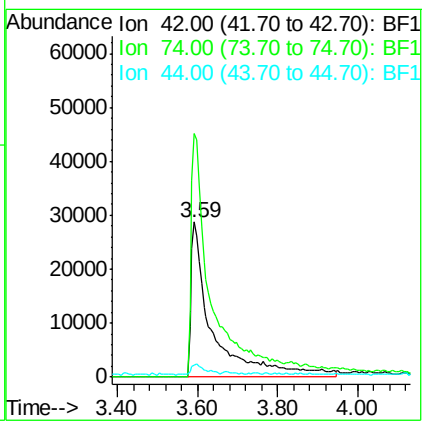
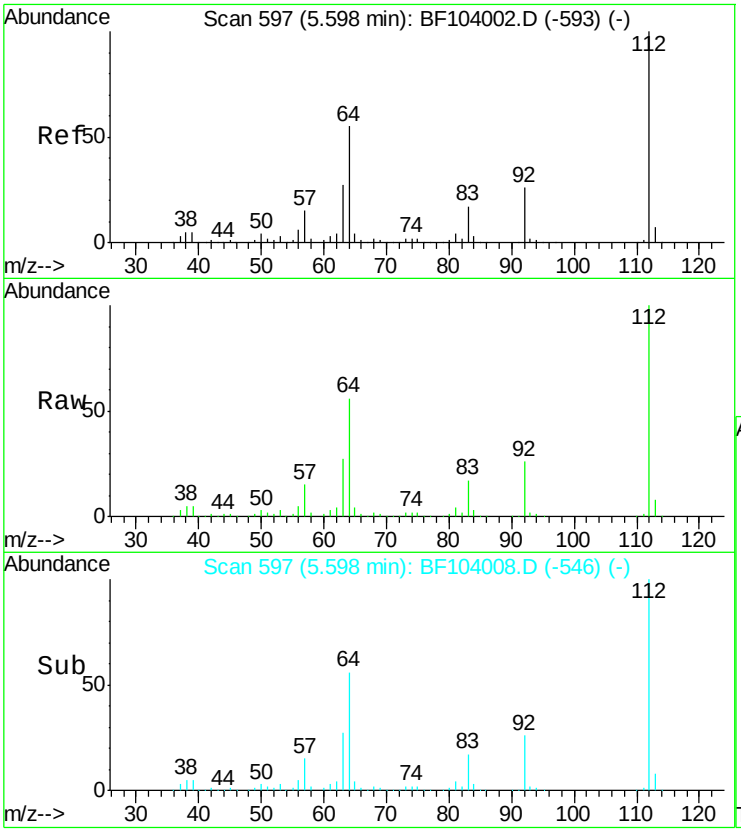


#4
n-Nitrosodimethylamine
Concen: 38.630 ng m
RT: 3.59 min Scan# 256
Delta R.T. 0.01 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 42 Resp: 108111

Ion	Ratio	Lower	Upper
42	100		
74	156.9	104.9	157.3
44	8.1	6.9	10.3

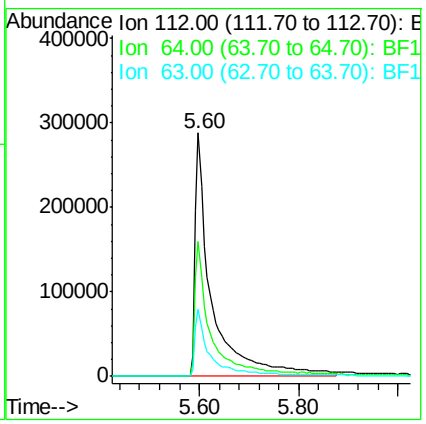




#5
2-Fluorophenol
Concen: 77.562 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:112 Resp: 668840

Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.4	23.7	35.5



Instrument :
BNA_F
ClientSampleId :
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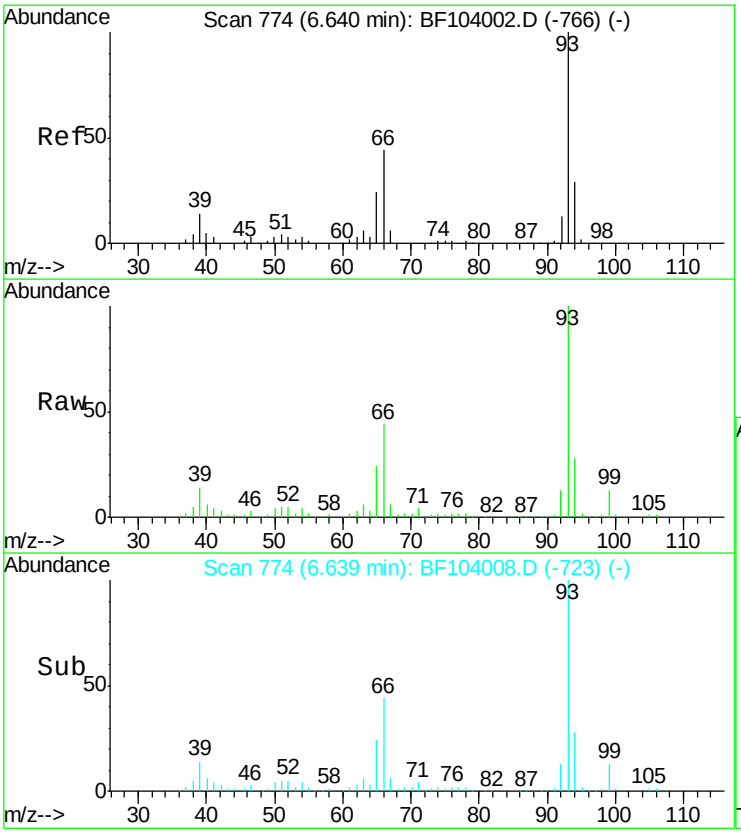
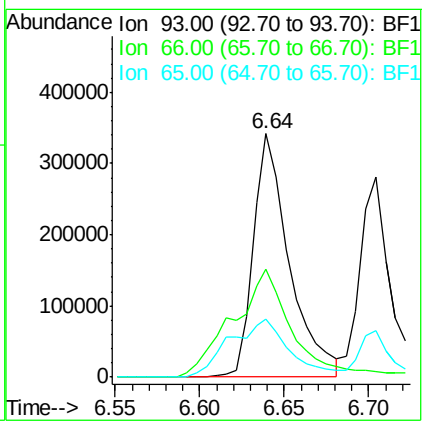
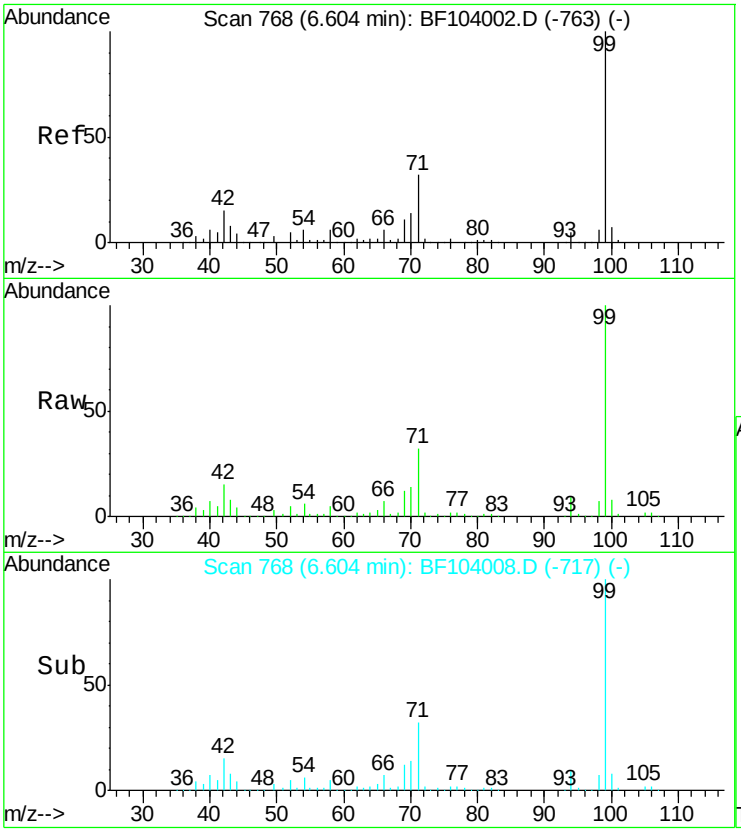


#6
Aniline
Concen: 39.899 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 93 Resp: 506741

Ion	Ratio	Lower	Upper
93	100		
66	44.3	32.2	48.2
65	23.9	16.4	24.6

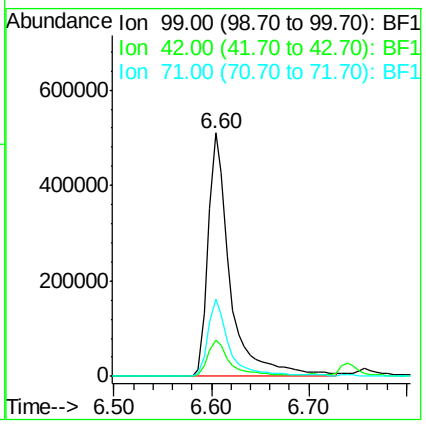




#7
Phenol-d6
Concen: 75.318 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 99 Resp: 799070

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	31.8	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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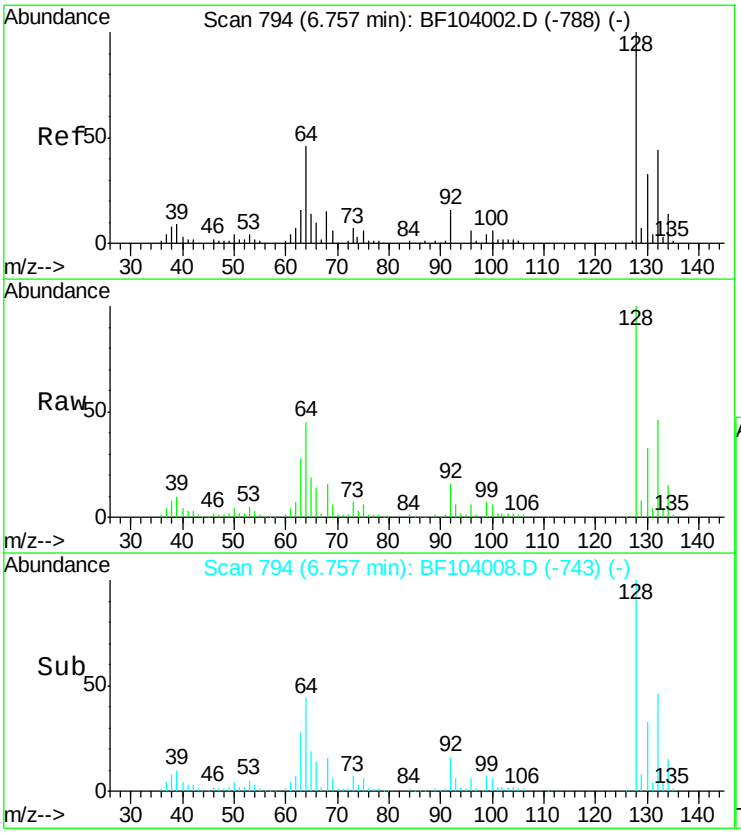
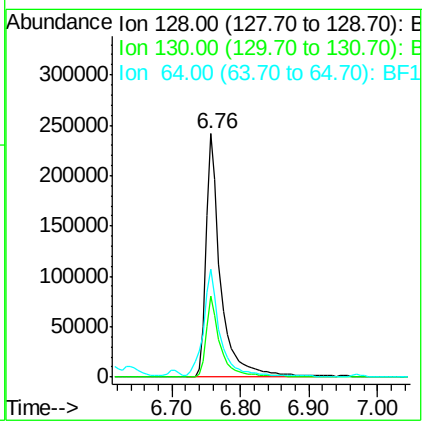
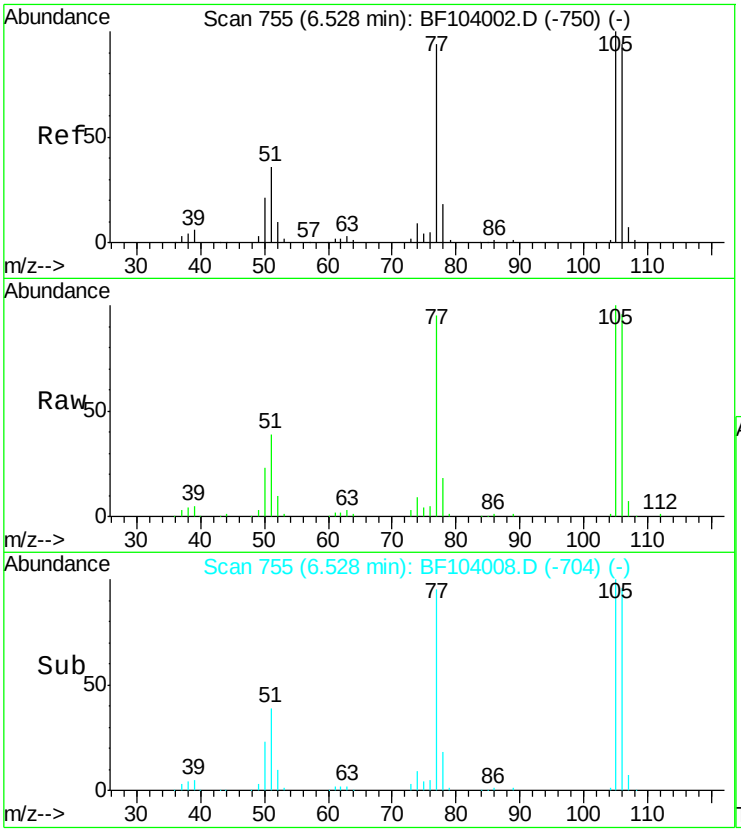


#8
2-Chlorophenol
Concen: 38.852 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:128 Resp: 367516

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	44.6	29.4	69.4

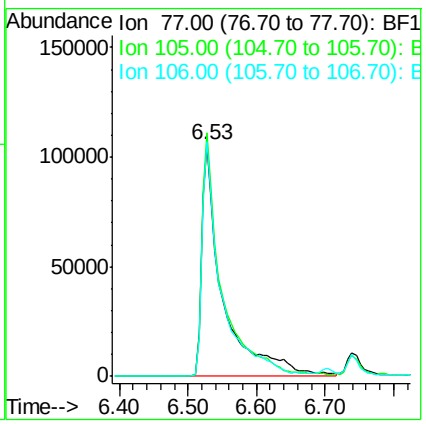




#9
Benzaldehyde
Concen: 42.461 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 77 Resp: 228245

Ion	Ratio	Lower	Upper
77	100		
105	105.2	81.1	121.1
106	101.2	74.5	114.5



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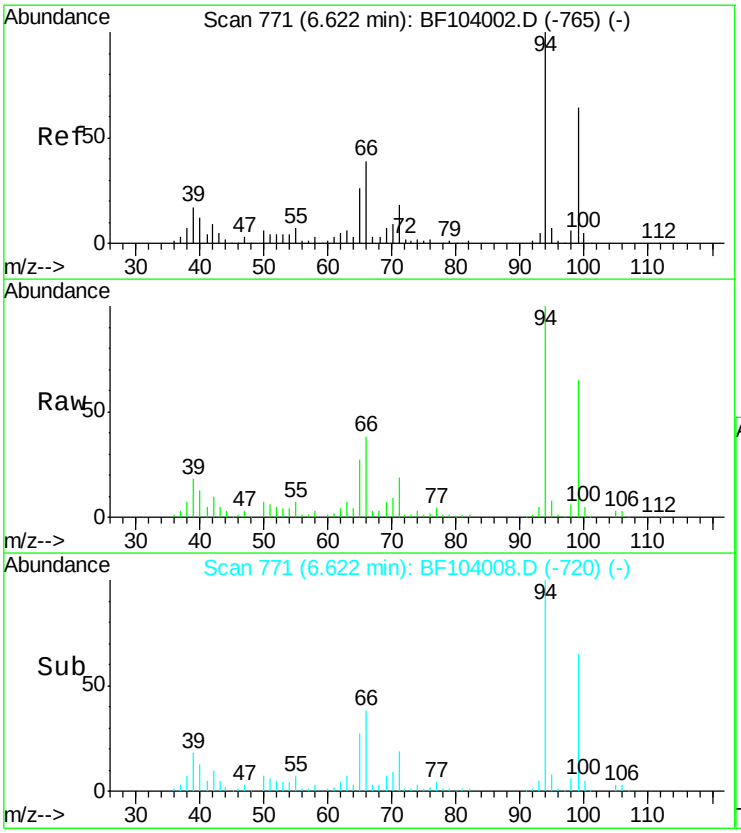
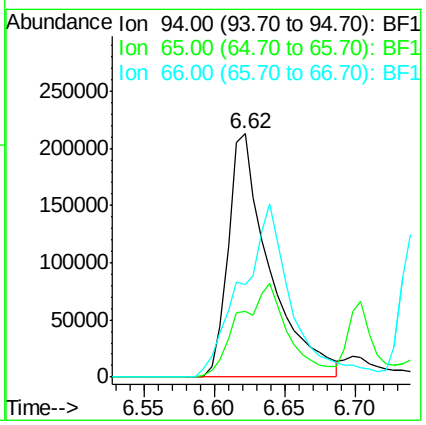
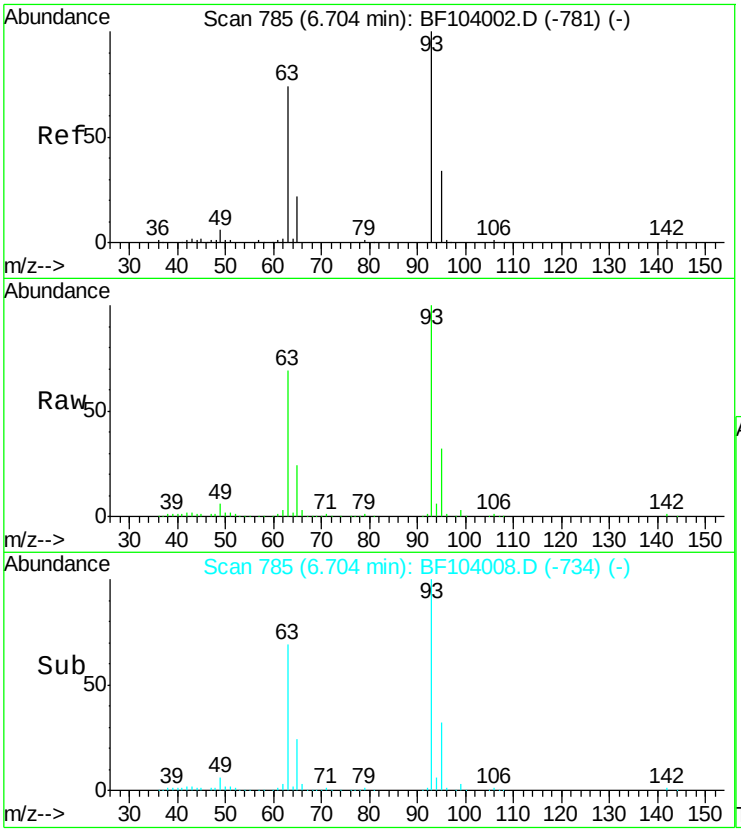


#10
Phenol
Concen: 37.118 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 94 Resp: 436323

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.9	47.9
66	37.8	16.2	56.2

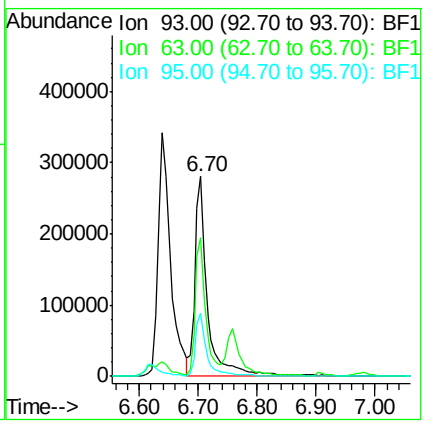




#11
bis(2-Chloroethyl)ether
Concen: 39.940 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 93 Resp: 404572

Ion	Ratio	Lower	Upper
93	100		
63	69.3	58.6	98.6
95	31.6	11.8	51.8



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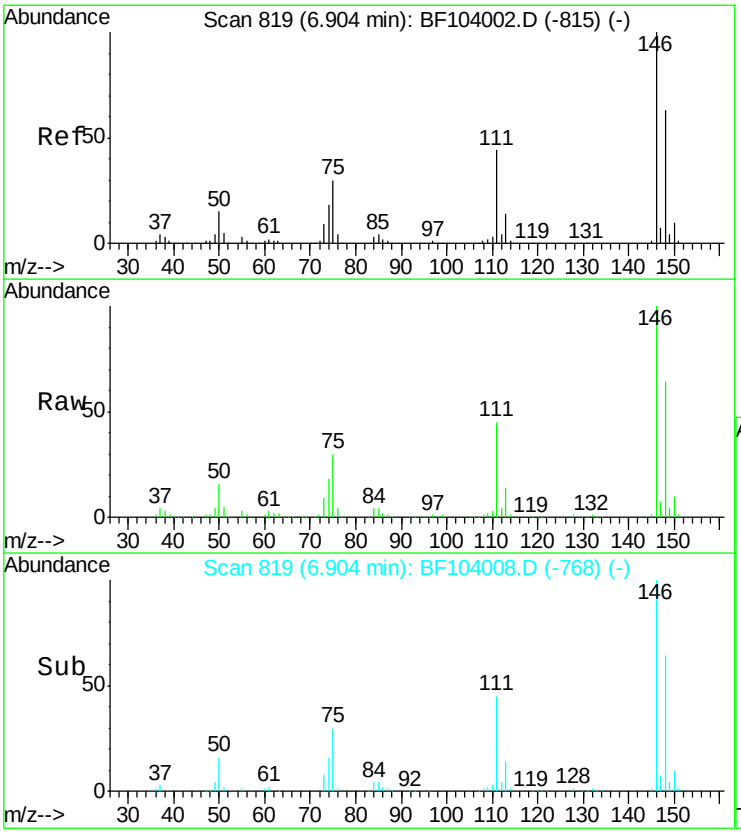
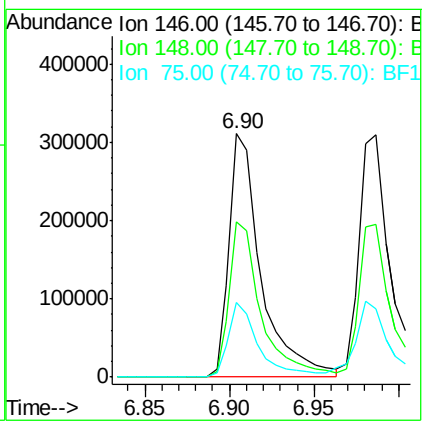
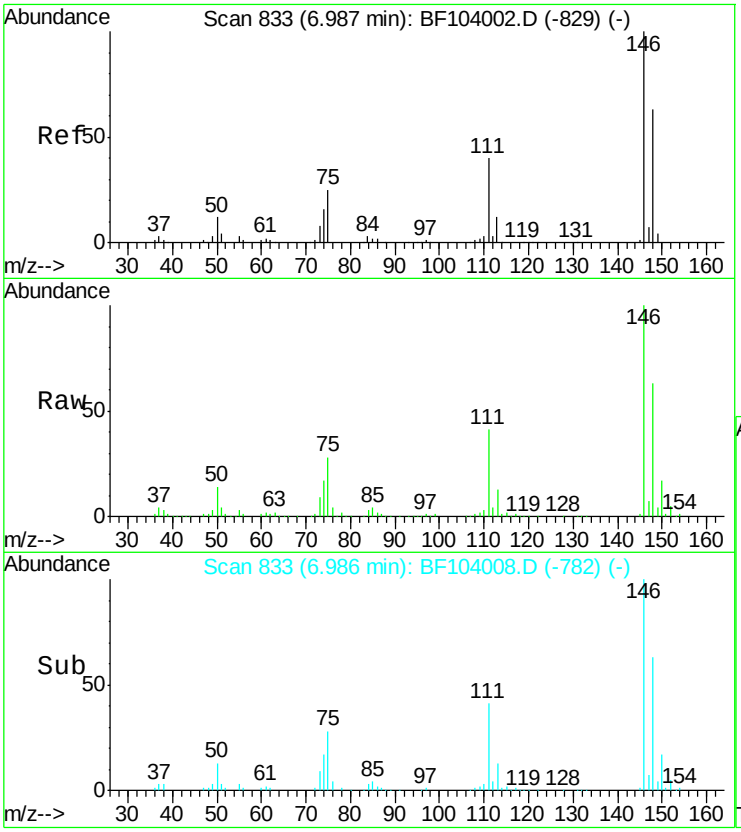


#12
1,3-Dichlorobenzene
Concen: 38.582 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:146 Resp: 410250

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	30.5	24.2	36.4

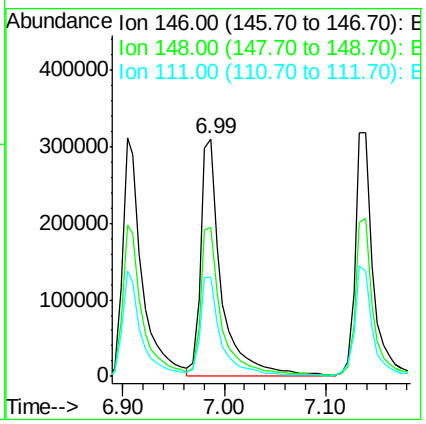




#13
1,4-Dichlorobenzene
Concen: 38.426 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:146 Resp: 437803

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	41.5	34.2	51.2



Instrument :
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ClientSampleId :
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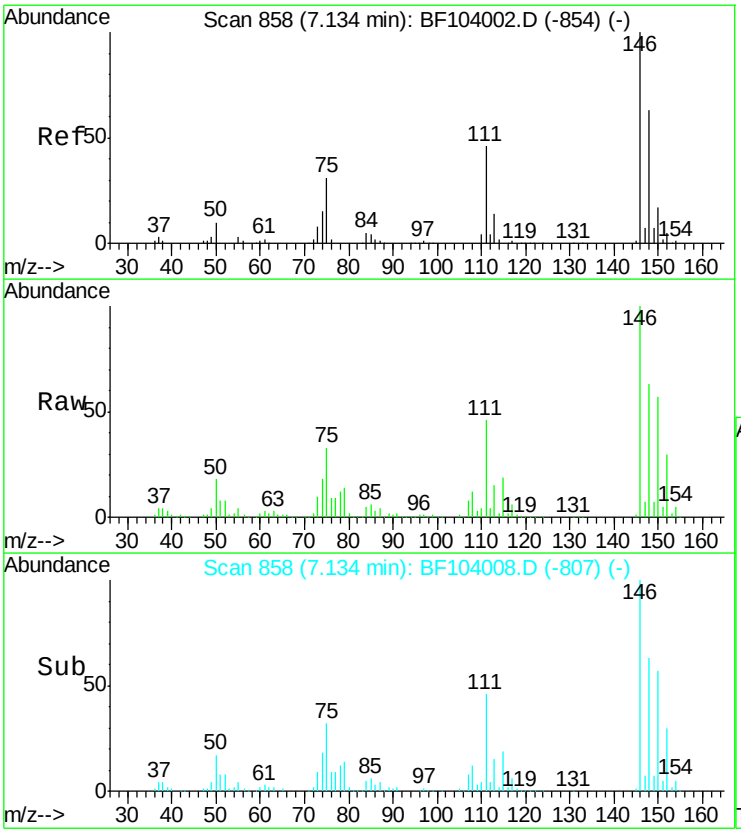
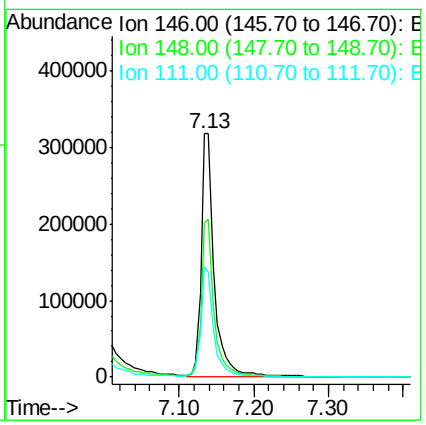
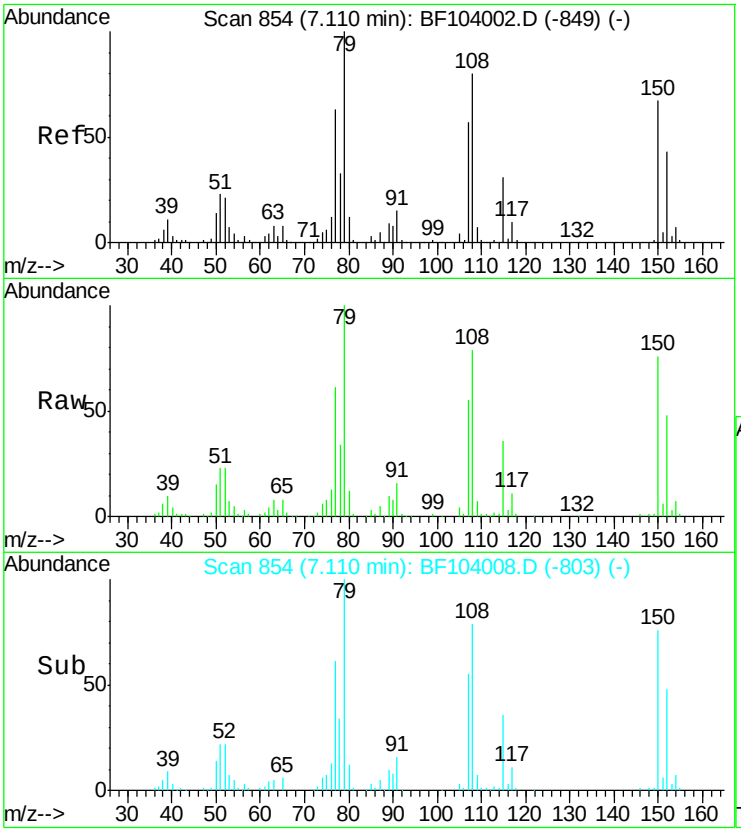


#14
1,2-Dichlorobenzene
Concen: 38.396 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:146 Resp: 393199

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	45.5	36.0	54.0





#15
Benzyl Alcohol
Concen: 39.632 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 79 Resp: 273378

Ion	Ratio	Lower	Upper
79	100		
108	79.4	65.1	97.7
77	61.5	50.6	75.8

Instrument :
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ClientSampleId :
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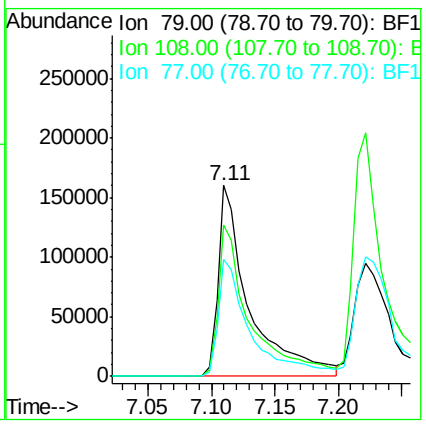
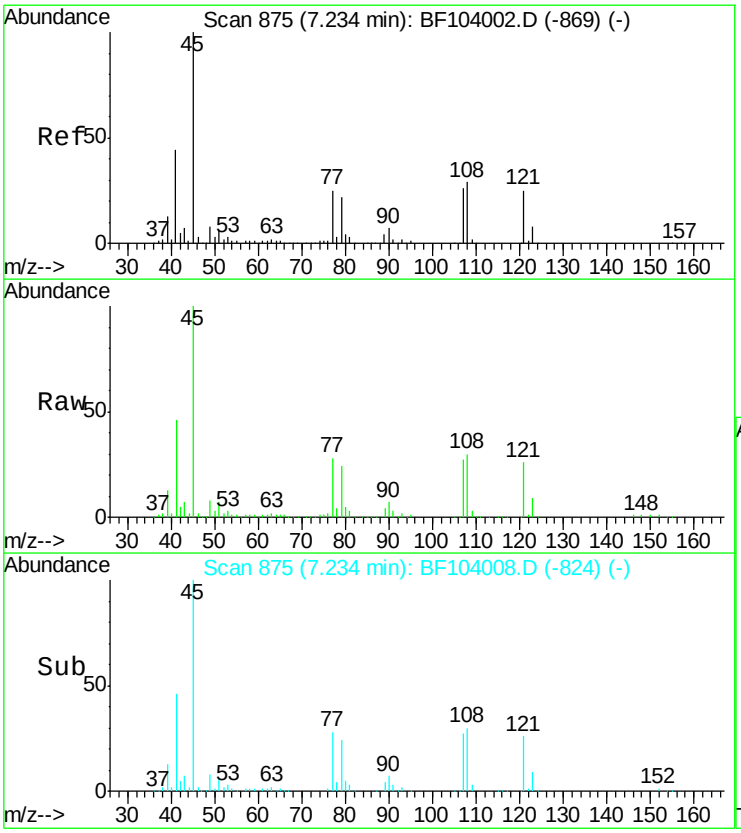
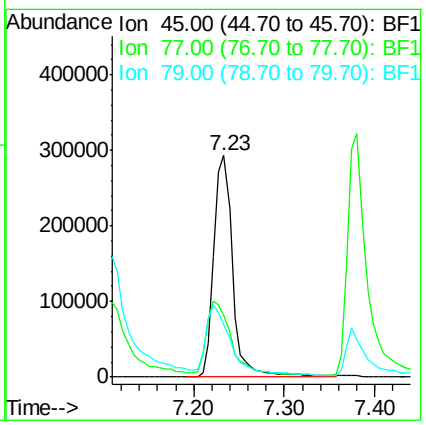


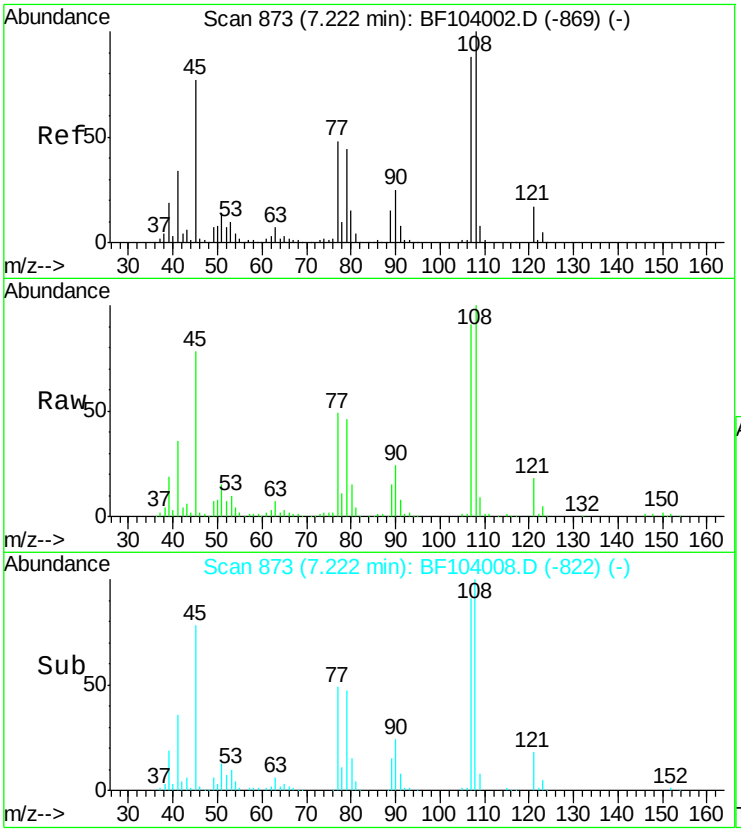


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.435 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 45 Resp: 424157

Ion	Ratio	Lower	Upper
45	100		
77	27.9	0.0	32.9
79	23.7	0.0	29.6

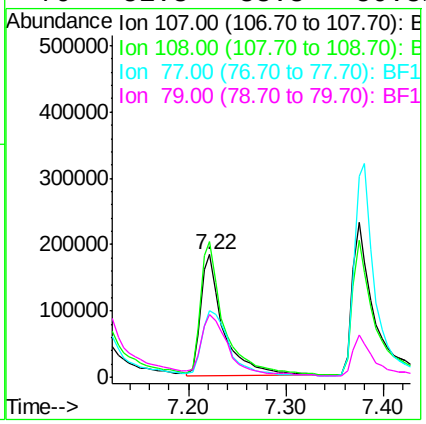




#17
2-Methylphenol
Concen: 39.220 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:107 Resp: 301955

Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.7	137.5
77	54.2	33.8	50.8#
79	51.3	33.8	50.8#



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ClientSampleId :
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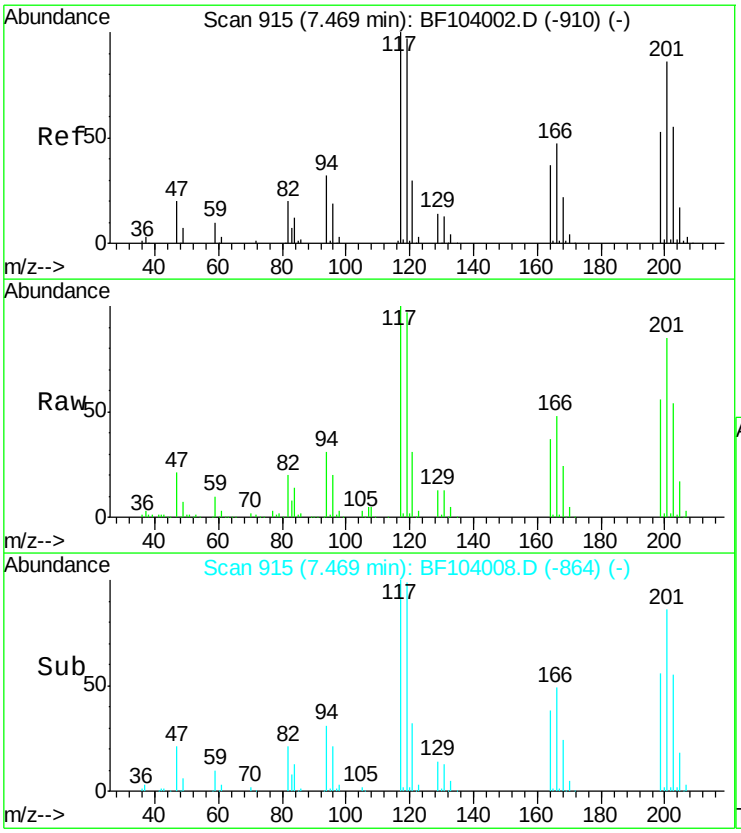
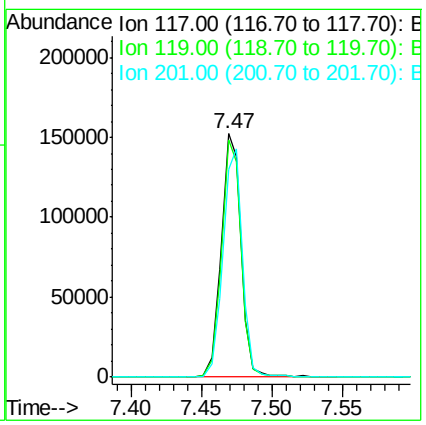
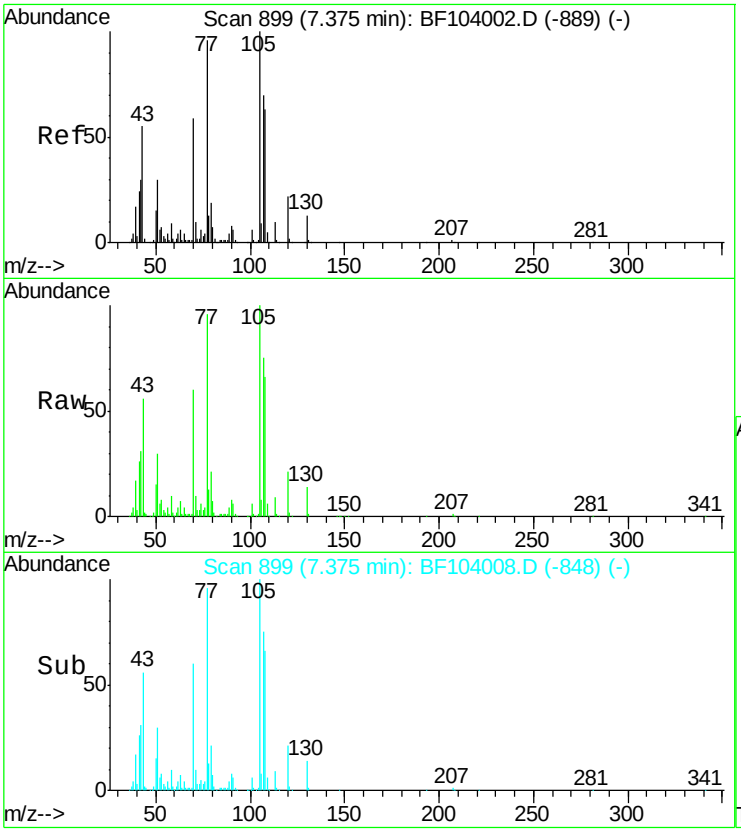


#18
Hexachloroethane
Concen: 38.720 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:117 Resp: 147706

Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	85.2	75.7	113.5

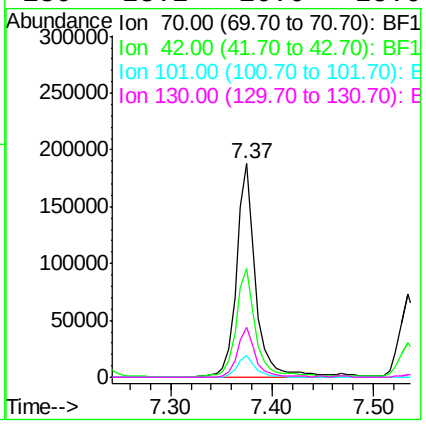




#19
n-Nitroso-di-n-propylamine
Concen: 38.862 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 70 Resp: 244680

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	9.9	7.4	11.2
130	23.2	16.6	25.0



Instrument :
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ClientSampleId :
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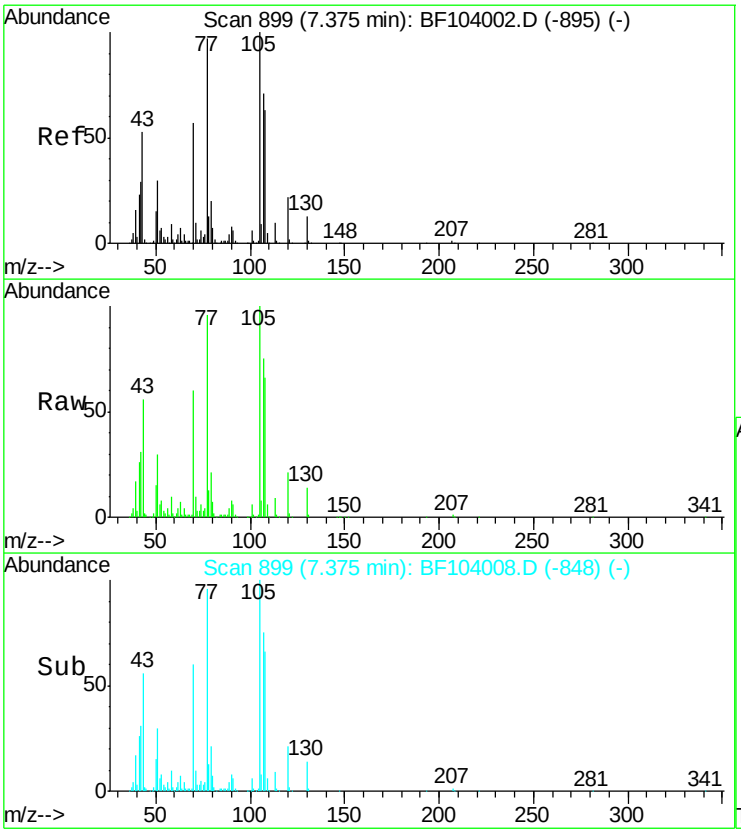
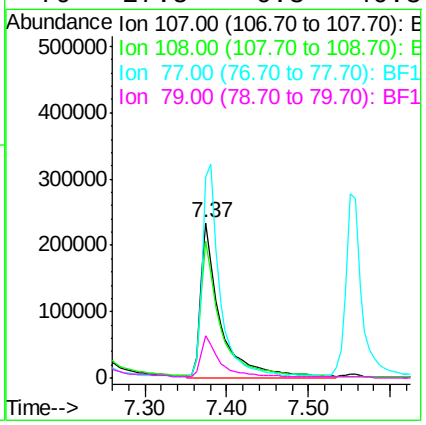
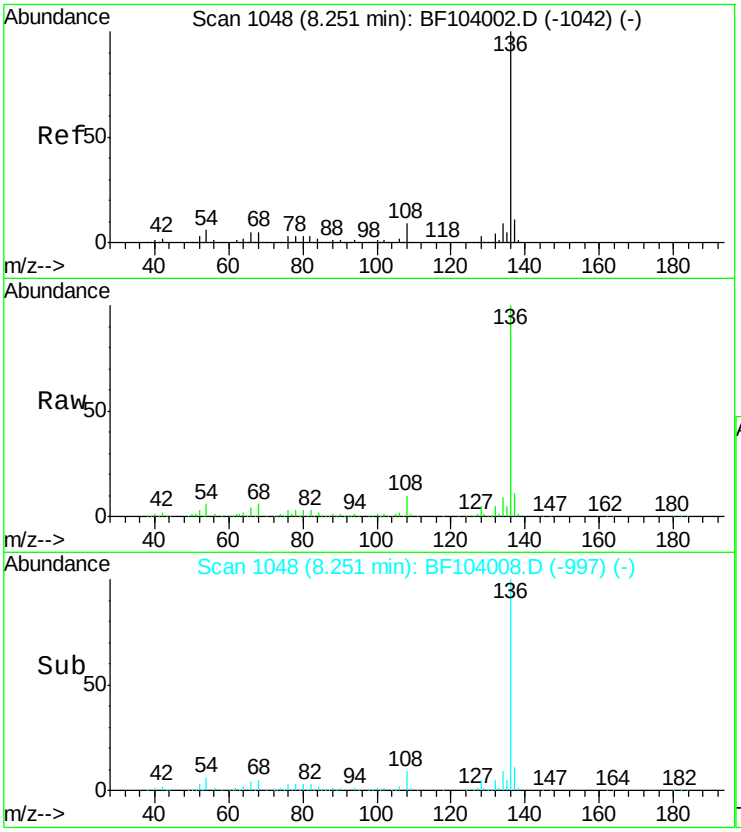


#20
3+4-Methylphenols
Concen: 40.330 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:107 Resp: 396272

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.2	108.2
77	128.9	26.7	66.7#
79	27.5	6.3	46.3

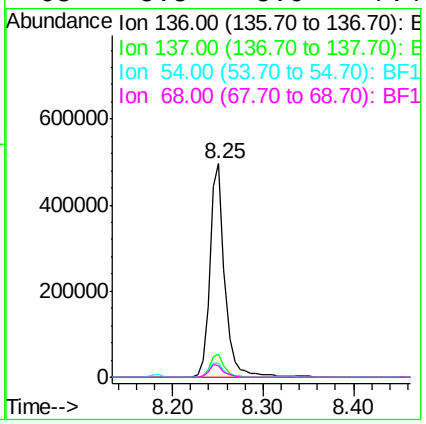




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:136 Resp: 568249

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	6.6	9.8#
68	5.5	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
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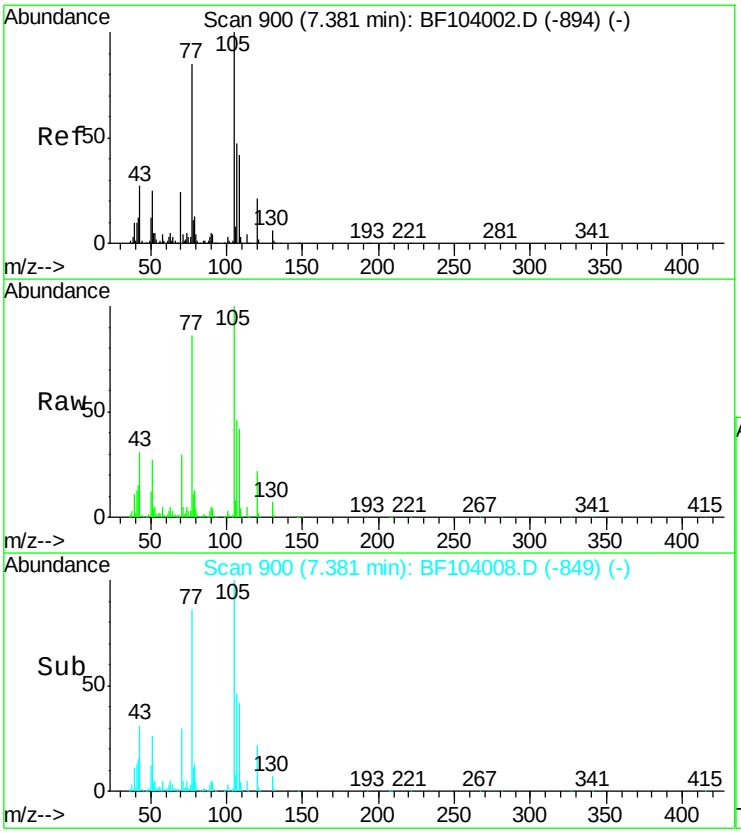
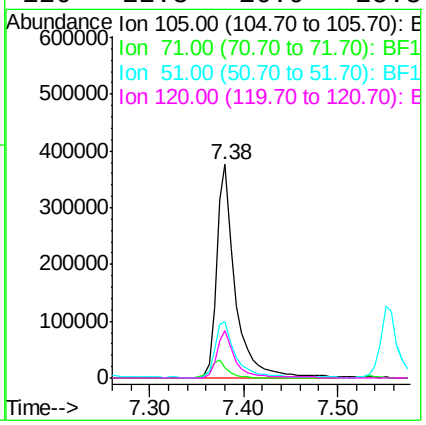
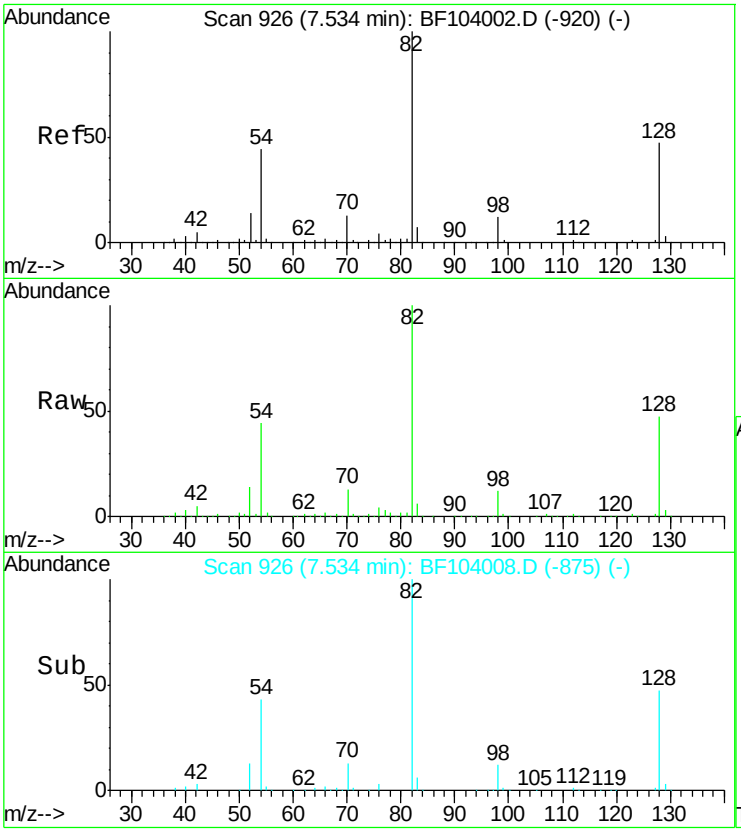


#22
Acetophenone
Concen: 37.846 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:105 Resp: 520328

Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.4	6.6
51	26.6	22.3	33.5
120	22.3	16.9	25.3

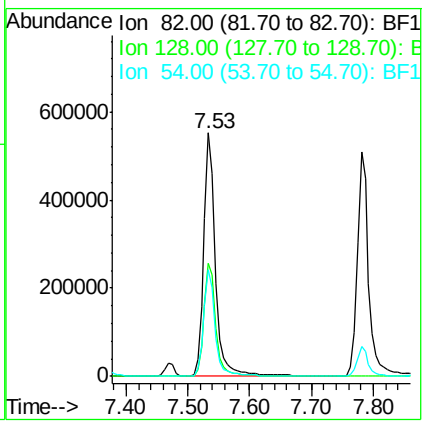




#23
Nitrobenzene-d5
Concen: 78.564 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 82 Resp: 730010

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	43.7	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
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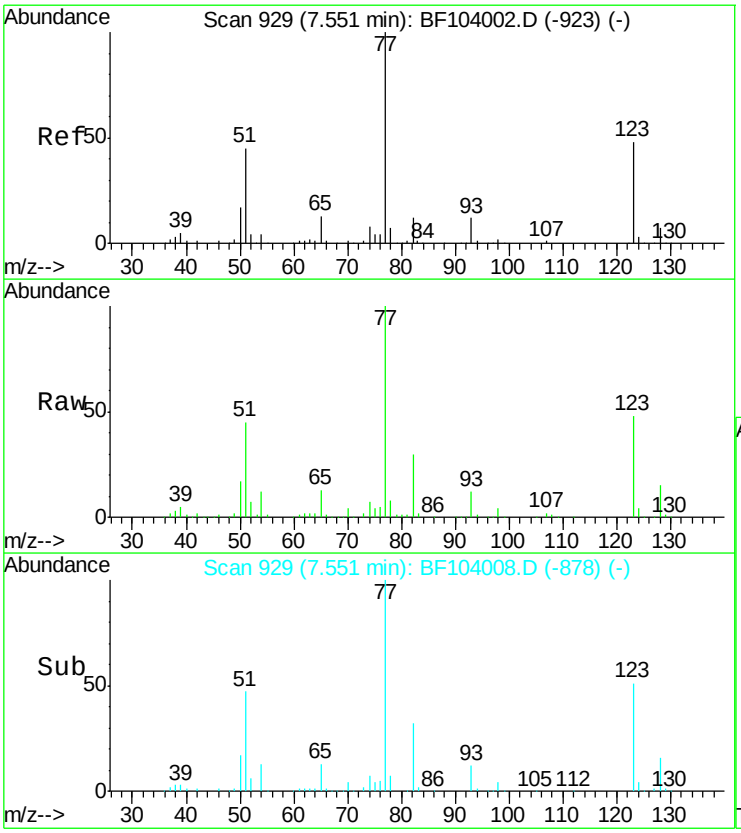
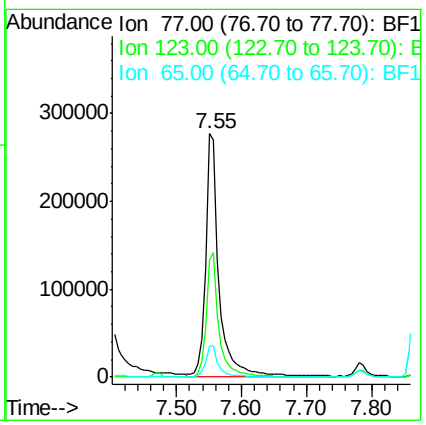
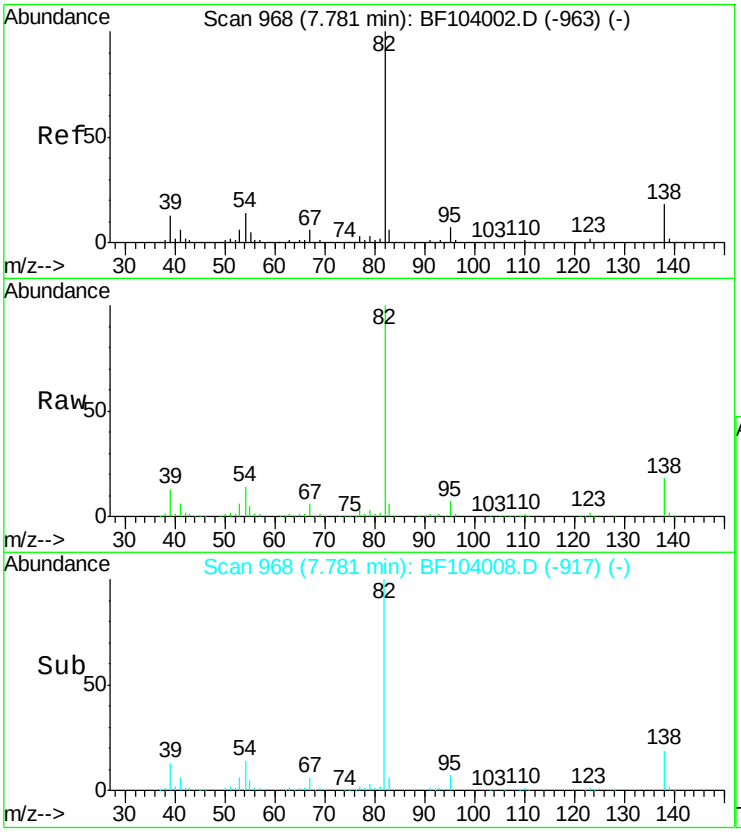


#24
Nitrobenzene
Concen: 39.322 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 77 Resp: 384431

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.9	56.9
65	12.6	11.0	16.4

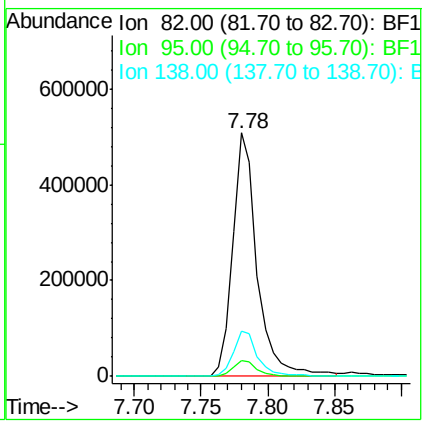




#25
Isophorone
Concen: 37.680 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 82 Resp: 645234

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.5	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
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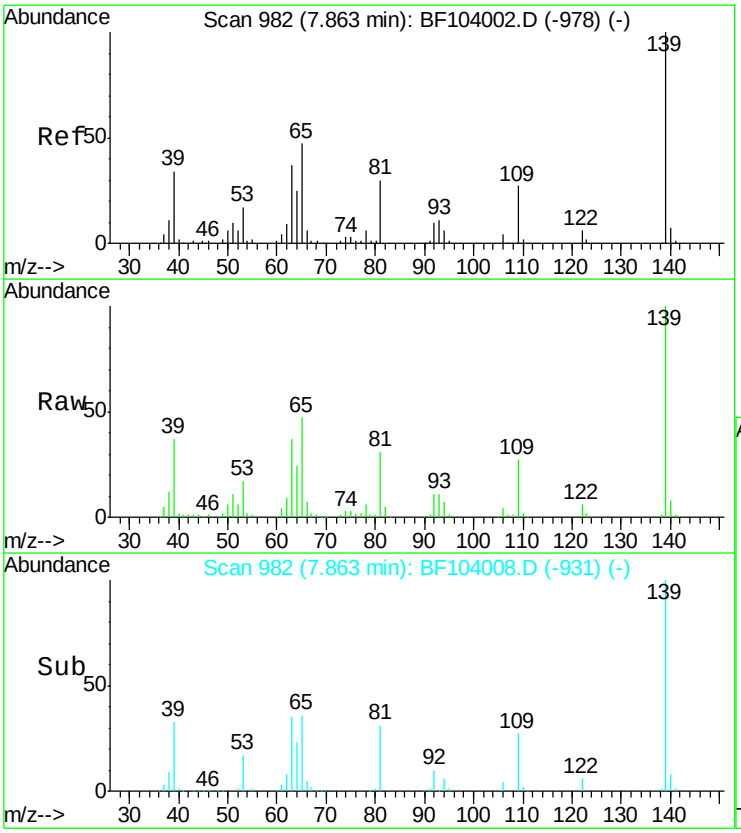
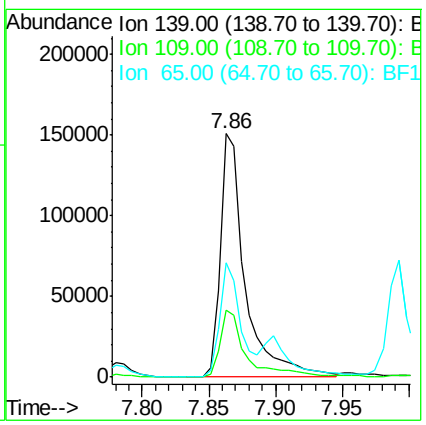
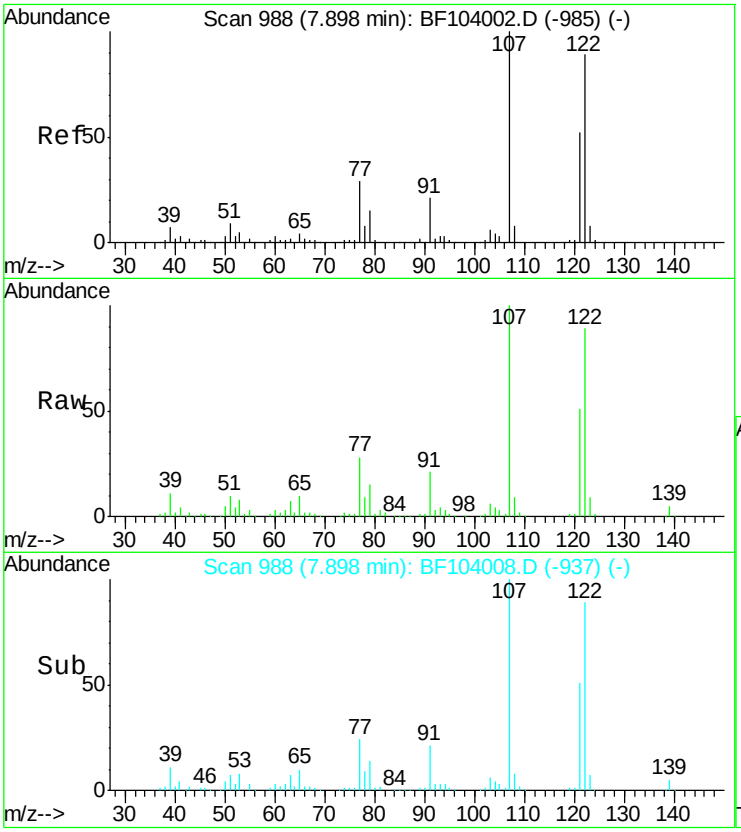


#26
2-Nitrophenol
Concen: 38.735 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:139 Resp: 197674

Ion	Ratio	Lower	Upper
139	100		
109	27.3	22.7	34.1
65	46.8	40.5	60.7

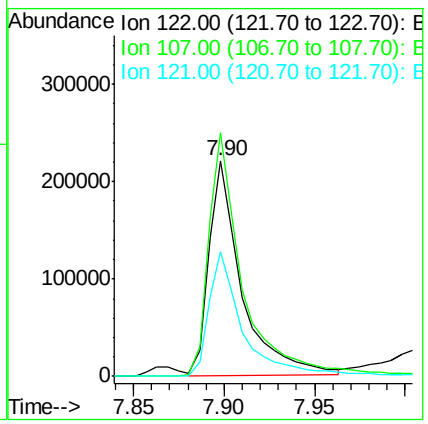




#27
2,4-Dimethylphenol
Concen: 37.835 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:122 Resp: 278463

Ion	Ratio	Lower	Upper
122	100		
107	113.0	91.2	136.8
121	57.7	47.2	70.8



Instrument :
BNA_F
ClientSampleId :
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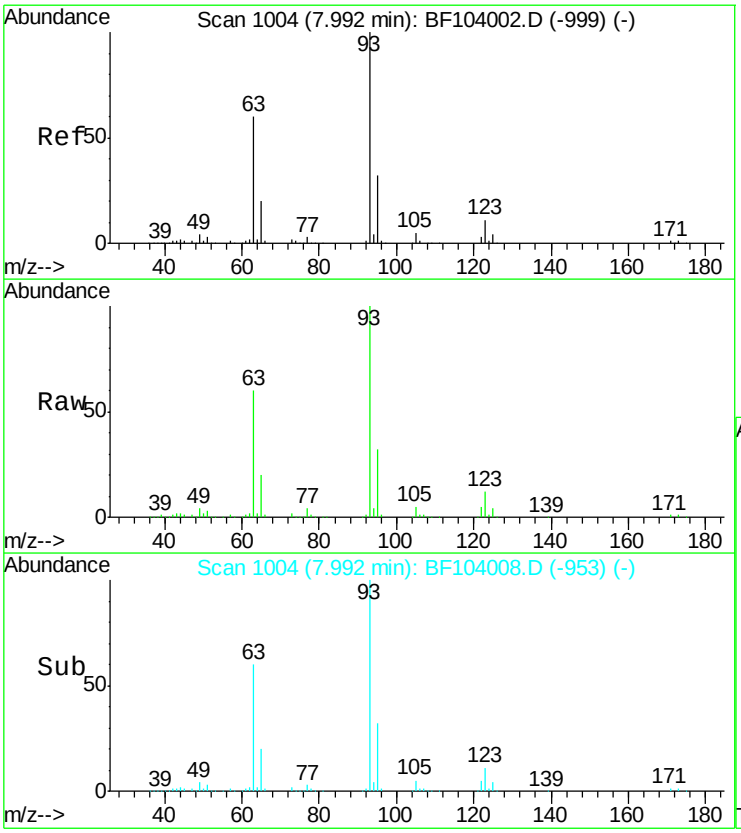
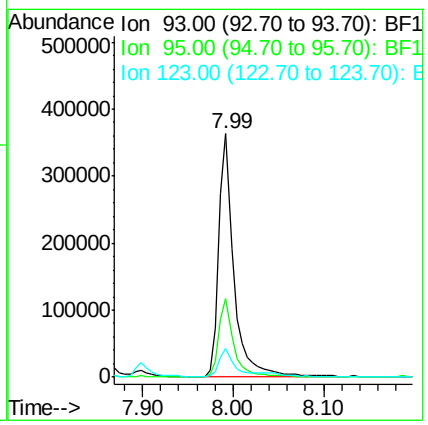
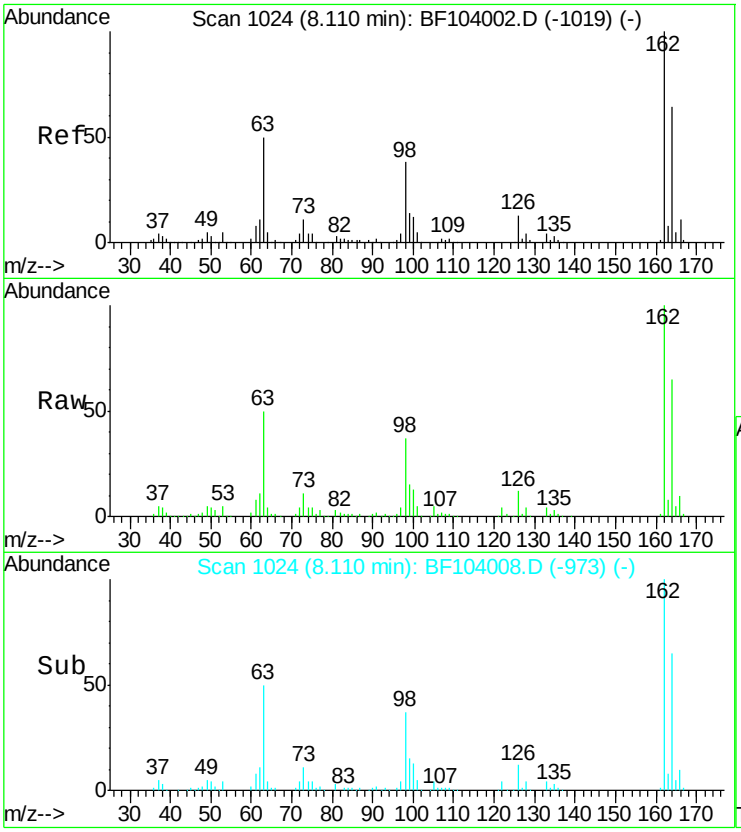


#28
bis(2-Chloroethoxy)methane
Concen: 38.467 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 93 Resp: 412841

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.6	9.8	14.6

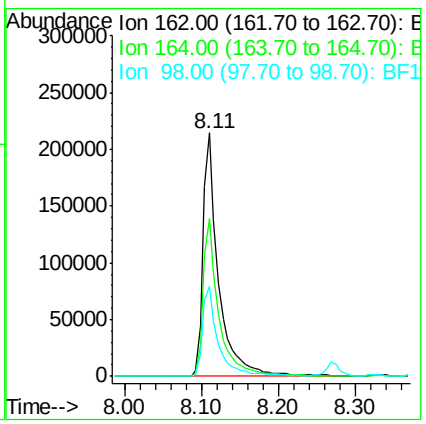




#29
2,4-Dichlorophenol
Concen: 39.146 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:162 Resp: 300937

Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	37.1	18.1	58.1



Instrument :
BNA_F
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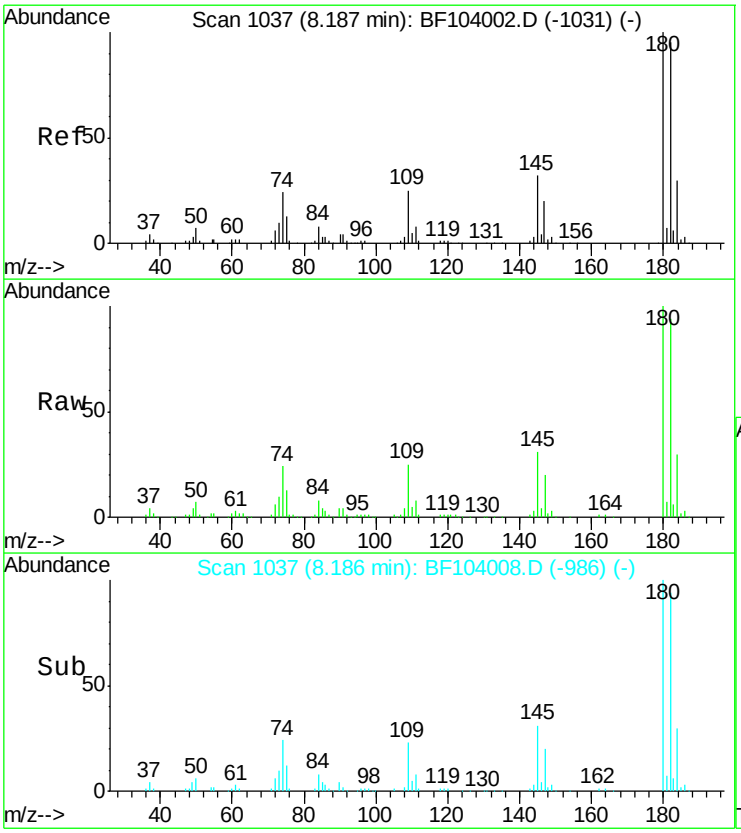
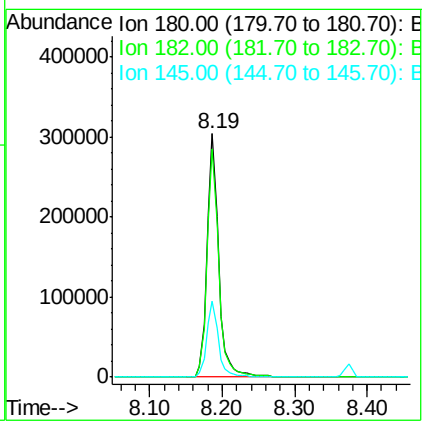
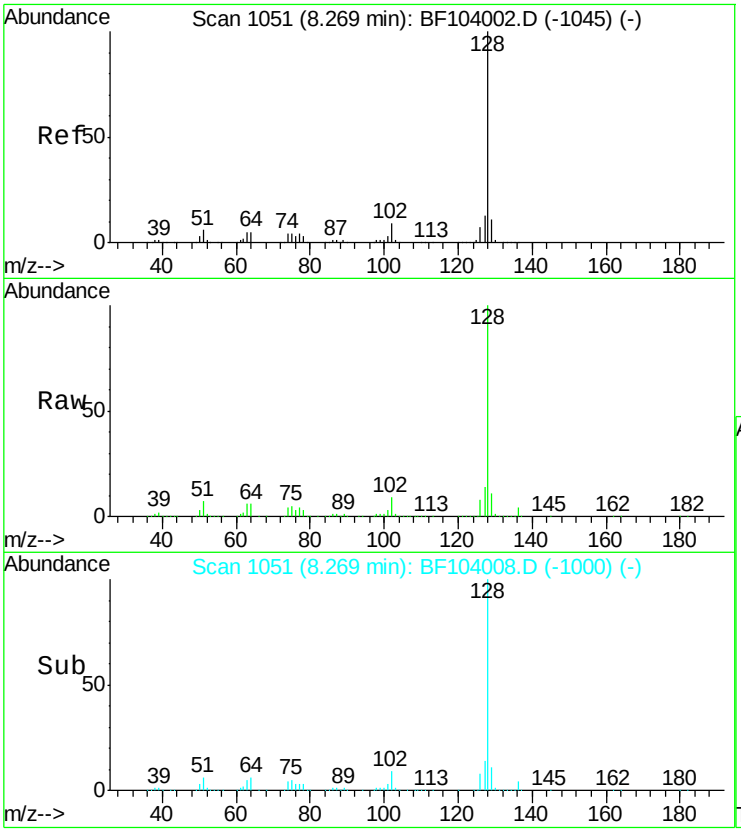


#30
1,2,4-Trichlorobenzene
Concen: 38.972 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:180 Resp: 339928

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.8	115.2
145	31.3	26.5	39.7

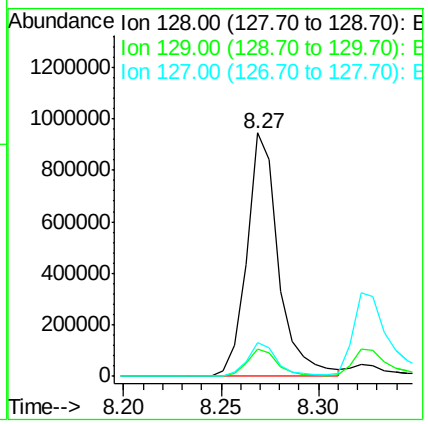




#31
Naphthalene
Concen: 38.206 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:128 Resp: 1060645

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.7	10.9	16.3



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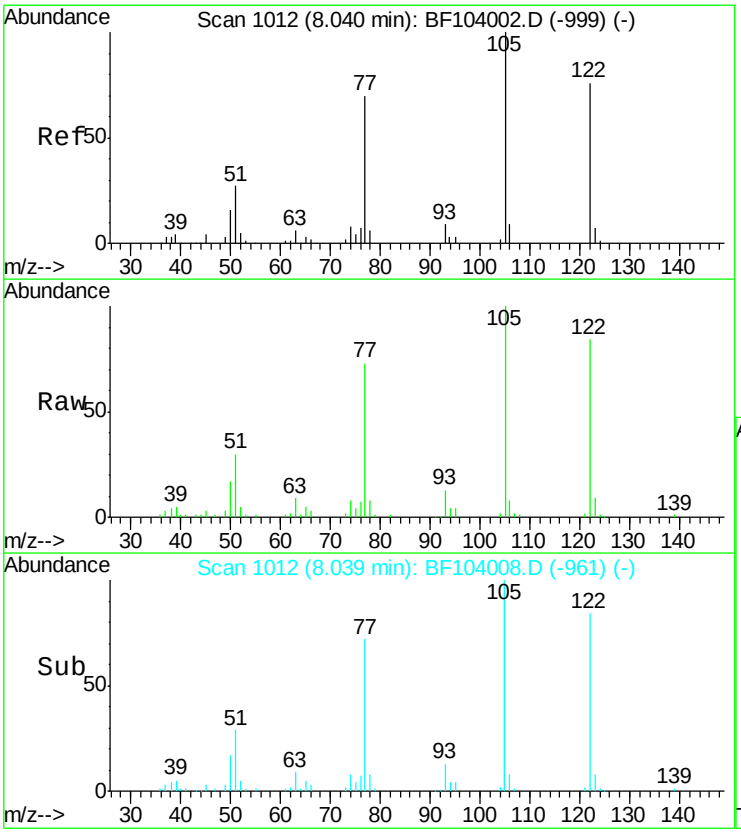
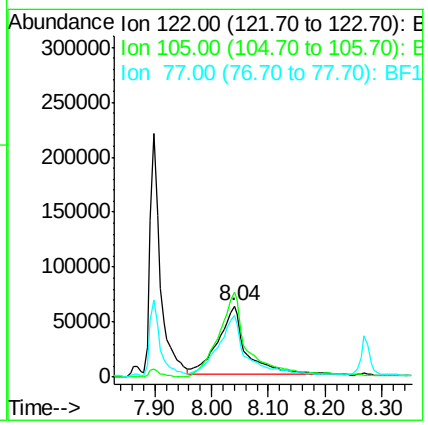
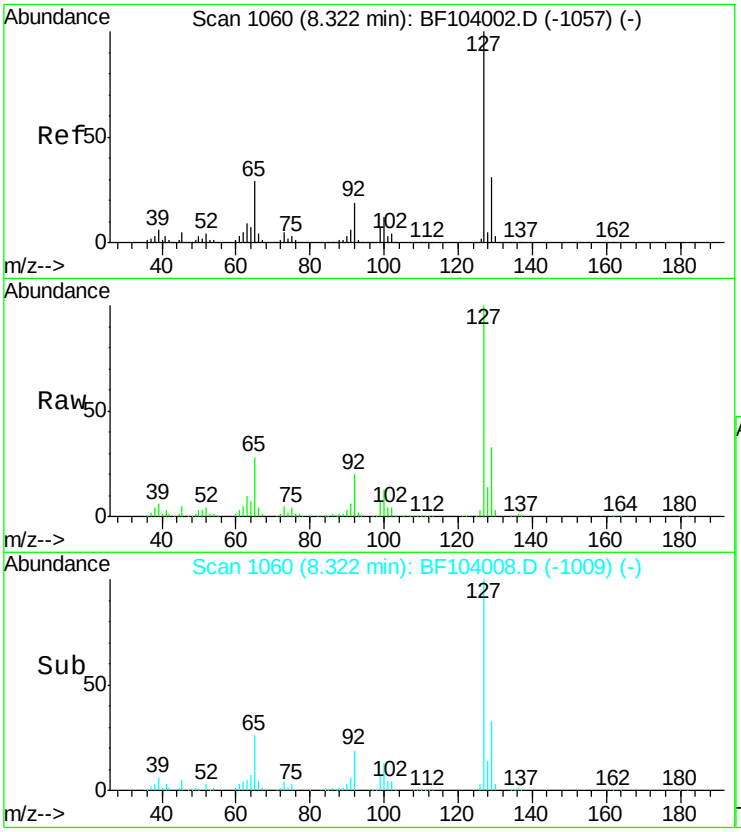


#32
Benzoic acid
Concen: 40.806 ng m
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:122 Resp: 220013

Ion	Ratio	Lower	Upper
122	100		
105	119.4	101.1	141.1
77	86.6	70.7	110.7

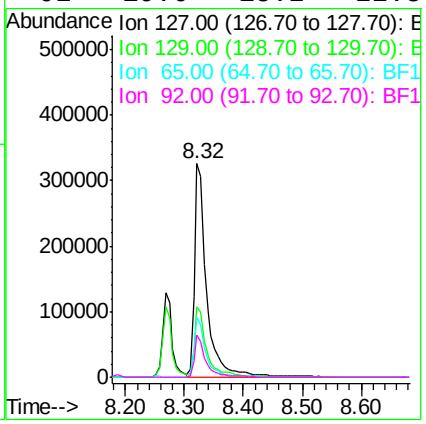




#33
4-Chloroaniline
Concen: 39.620 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:127 Resp: 463700

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	28.4	25.0	37.4
92	19.6	15.2	22.8



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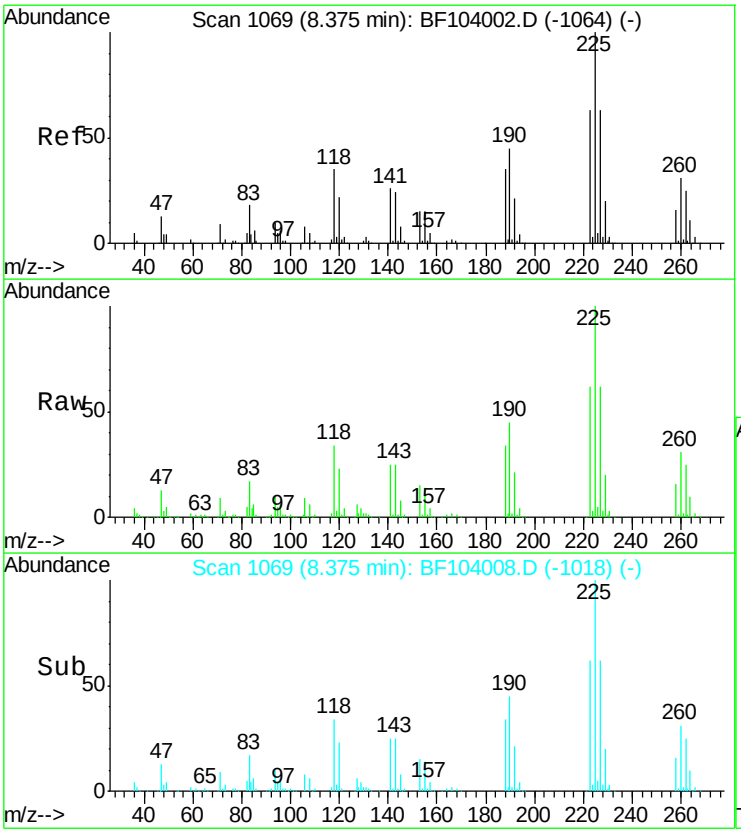
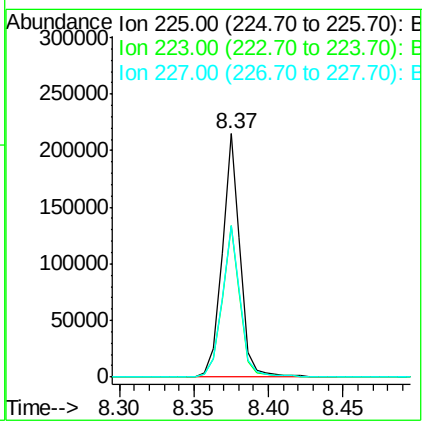
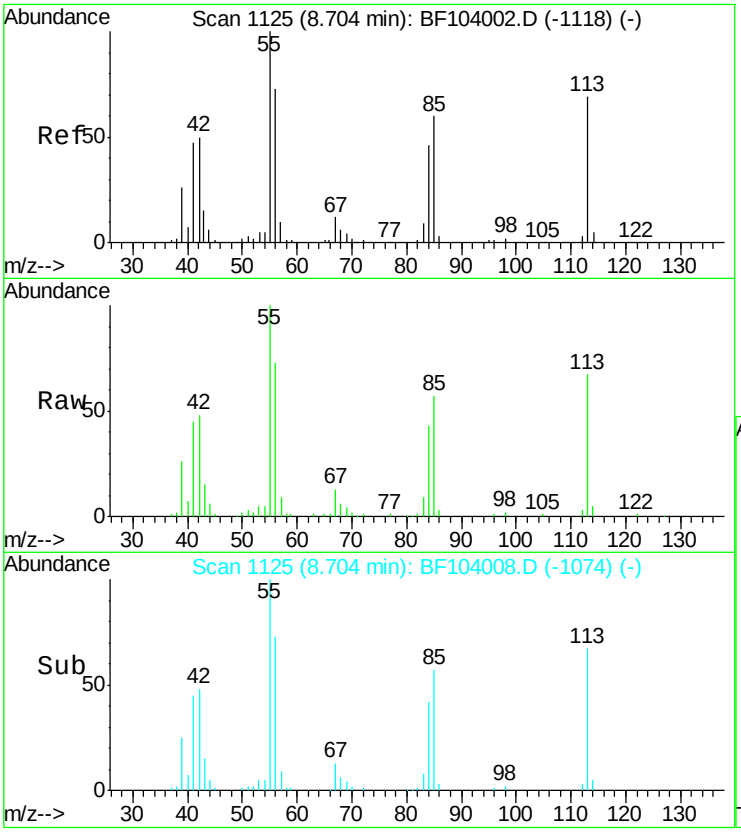


#34
Hexachlorobutadiene
Concen: 38.430 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:225 Resp: 182410

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	62.1	51.9	77.9

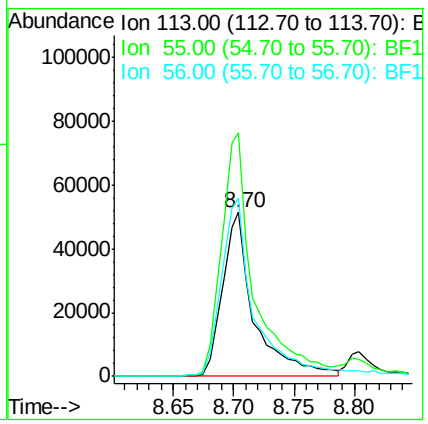




#35
Caprolactam
Concen: 38.297 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:113 Resp: 93351

Ion	Ratio	Lower	Upper
113	100		
55	148.4	163.3	203.3#
56	108.4	115.7	155.7#



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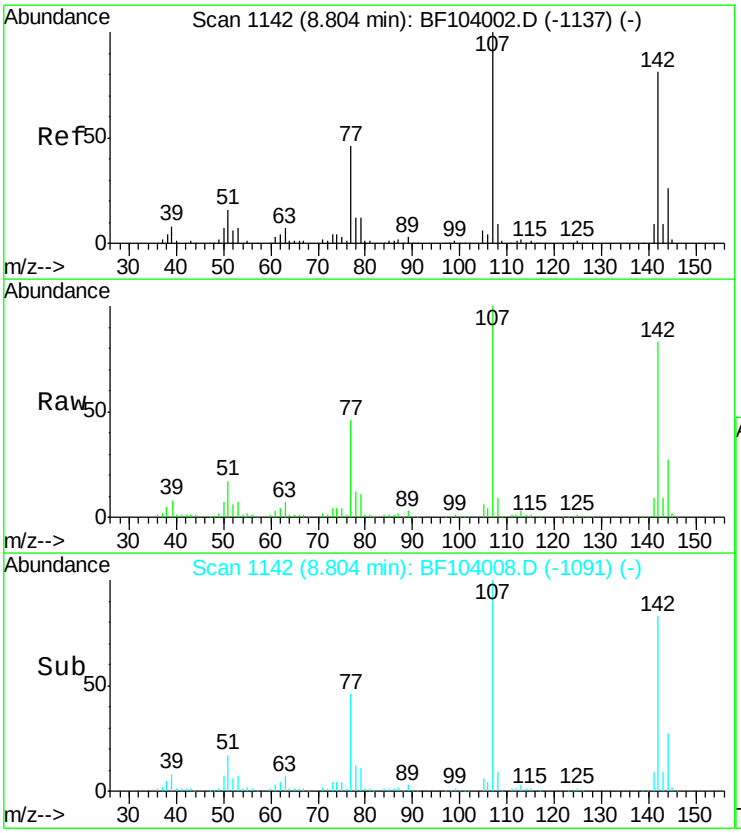
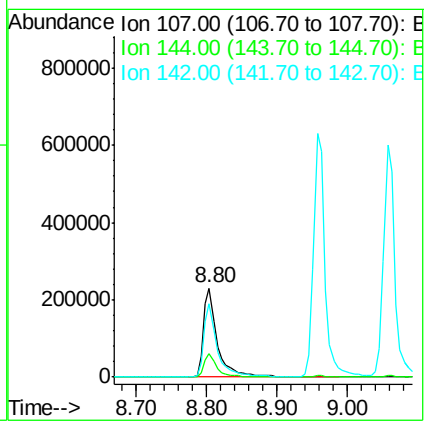
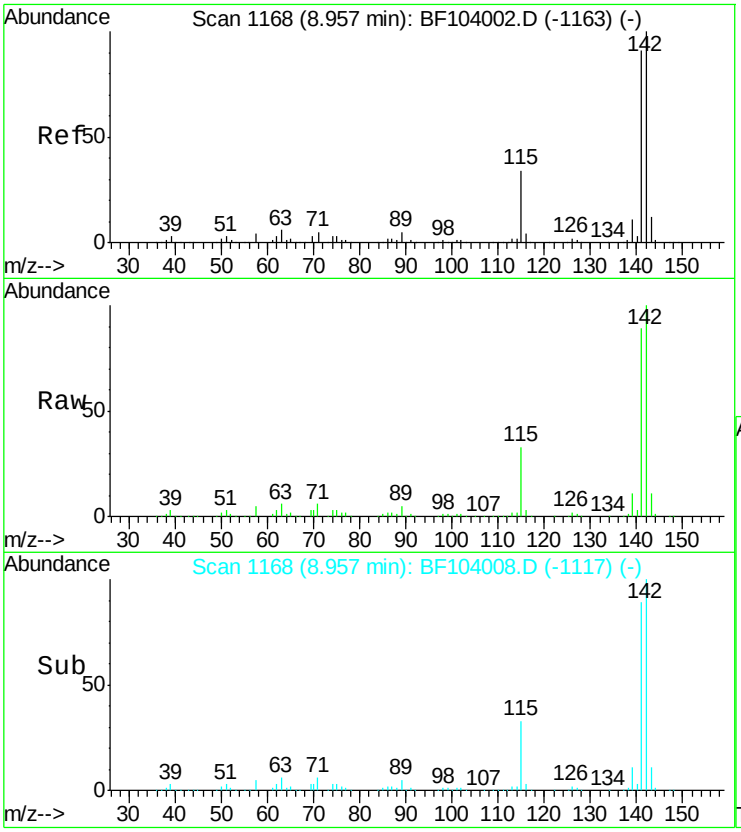


#36
4-Chloro-3-methylphenol
Concen: 39.340 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:107 Resp: 319887

Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.5	30.7
142	82.7	62.0	93.0

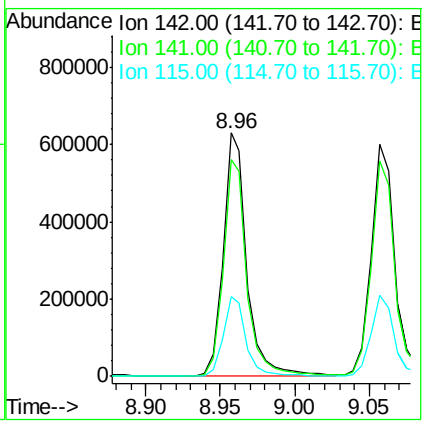




#37
2-Methylnaphthalene
Concen: 38.312 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:142 Resp: 700593

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	32.8	26.1	39.1



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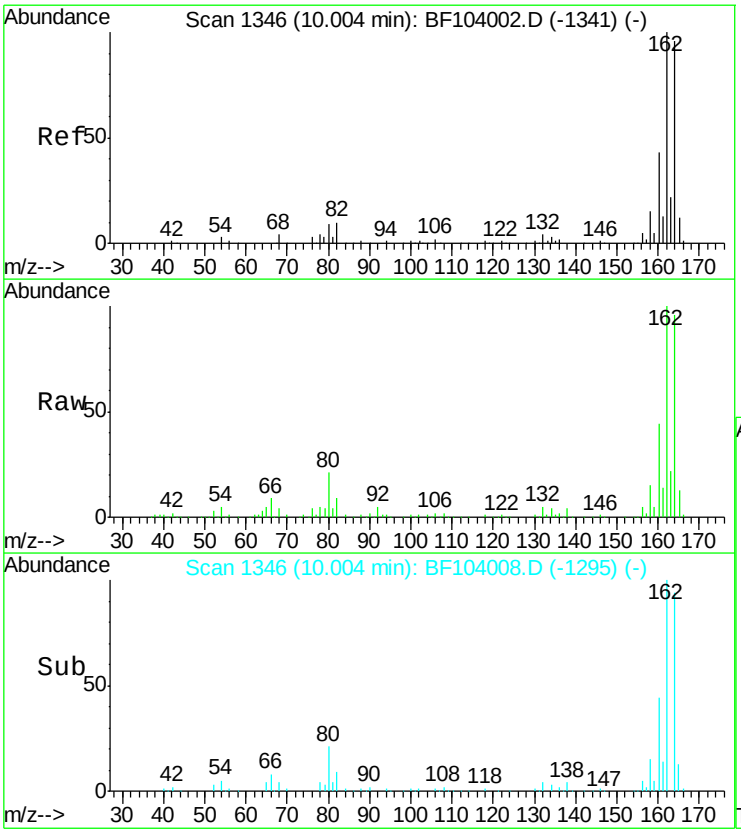
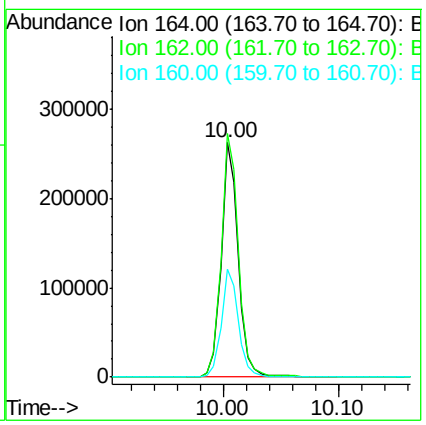
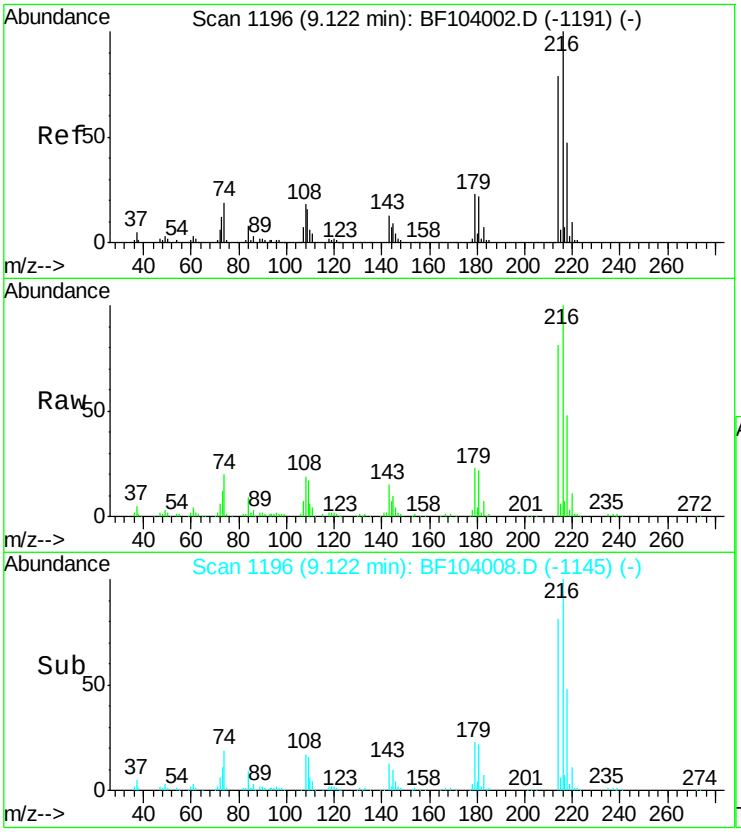


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:164 Resp: 267125

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.0	38.3	57.5

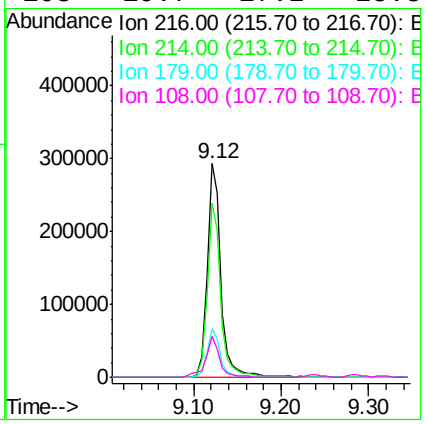




#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.463 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:216 Resp: 315069

Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.0	94.4
179	22.2	18.1	27.1
108	19.7	17.2	25.8



Instrument :
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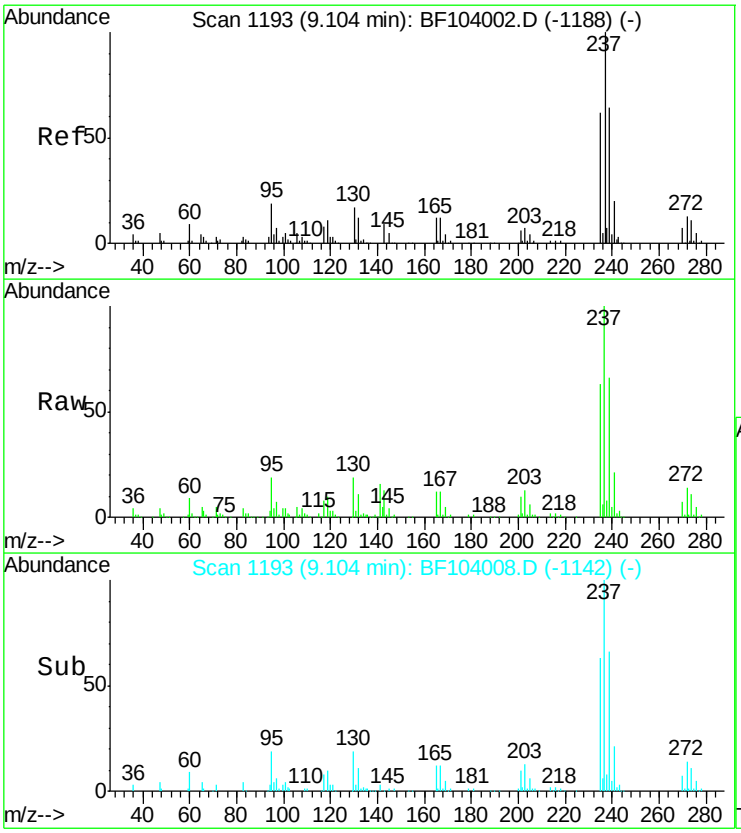
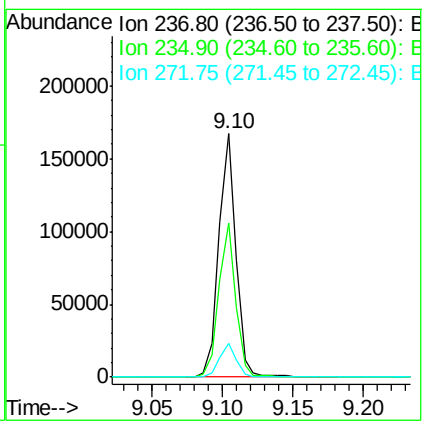
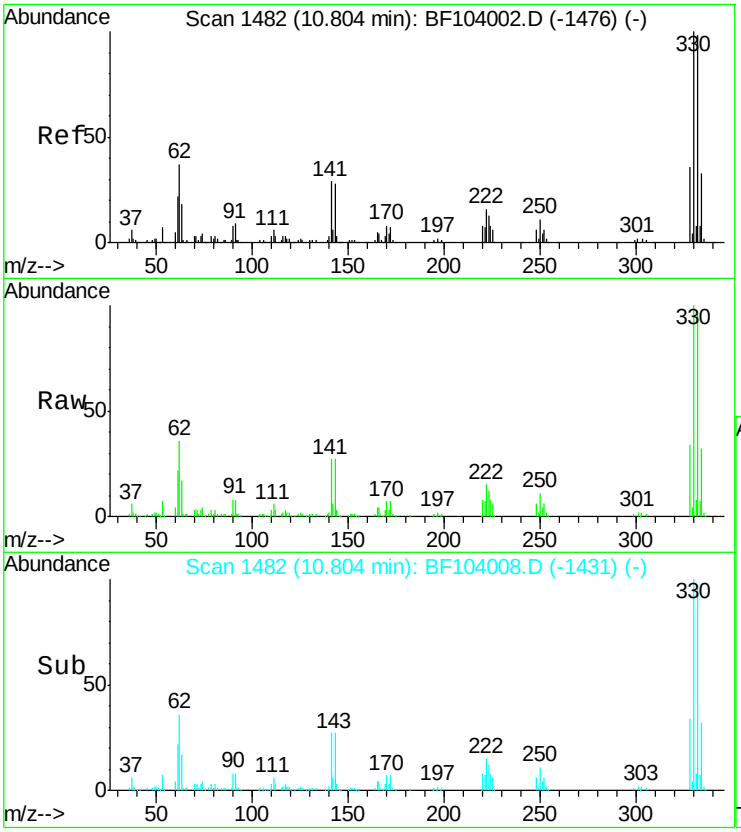


#40
Hexachlorocyclopentadiene
Concen: 39.625 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:237 Resp: 141546

Ion	Ratio	Lower	Upper
237	100		
235	63.4	44.8	84.8
272	13.8	0.0	33.3

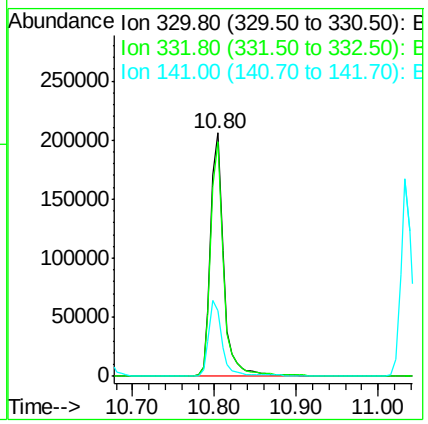




#41
2,4,6-Tribromophenol
Concen: 77.746 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:330 Resp: 231250

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	31.3	29.9	44.9



Instrument :
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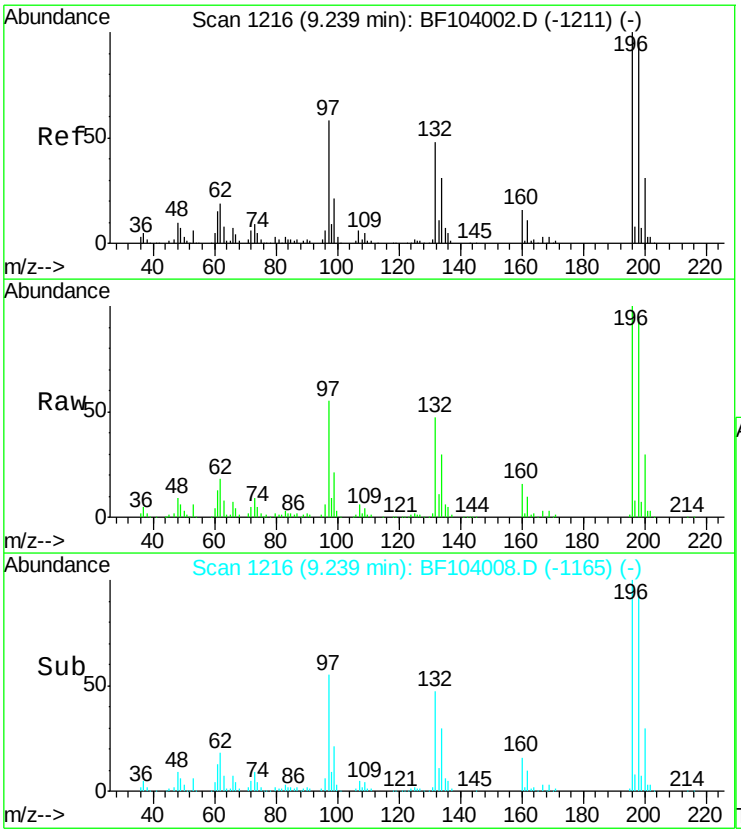
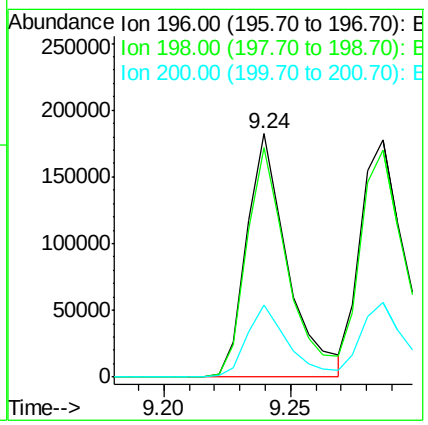
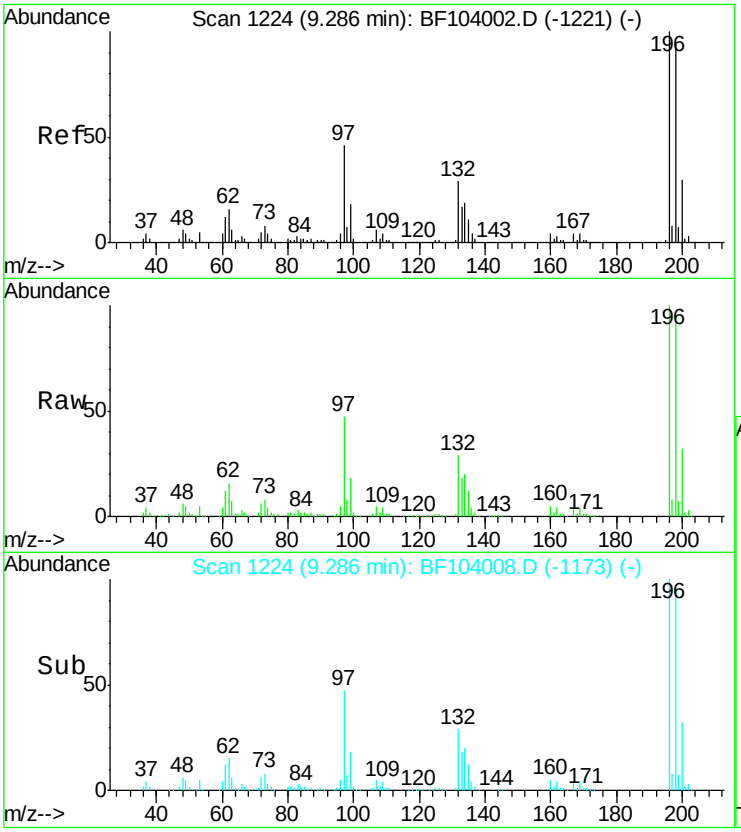


#42
2,4,6-Trichlorophenol
Concen: 39.390 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:196 Resp: 204316

Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
200	29.8	24.5	36.7

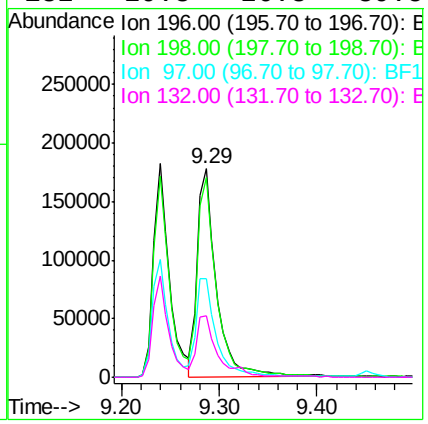




#43
2,4,5-Trichlorophenol
Concen: 38.661 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:196 Resp: 242130

Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	47.3	42.9	64.3
132	29.3	26.3	39.5



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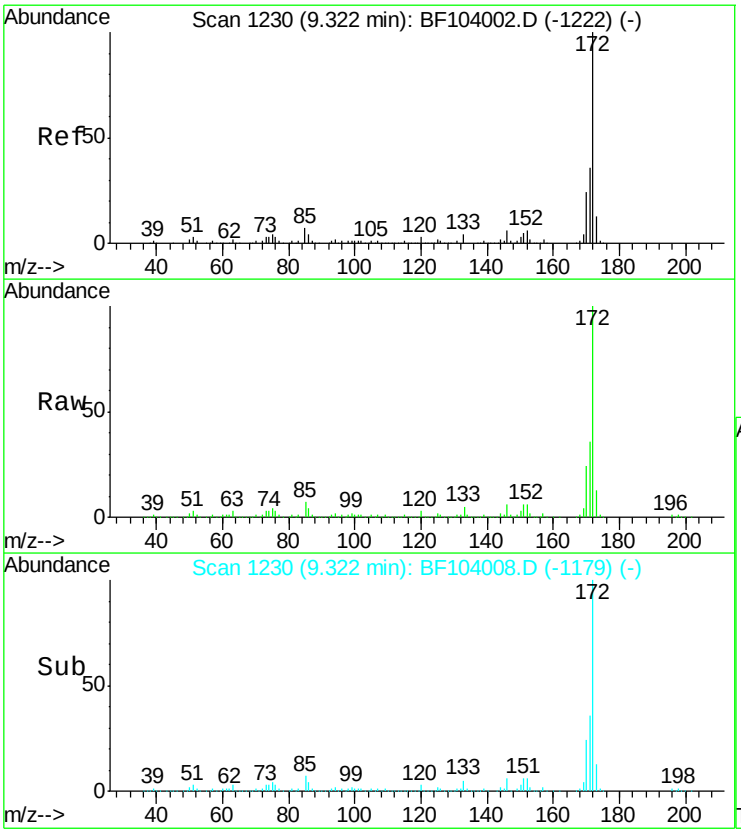
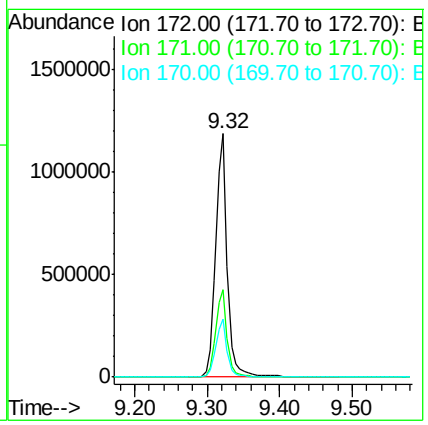
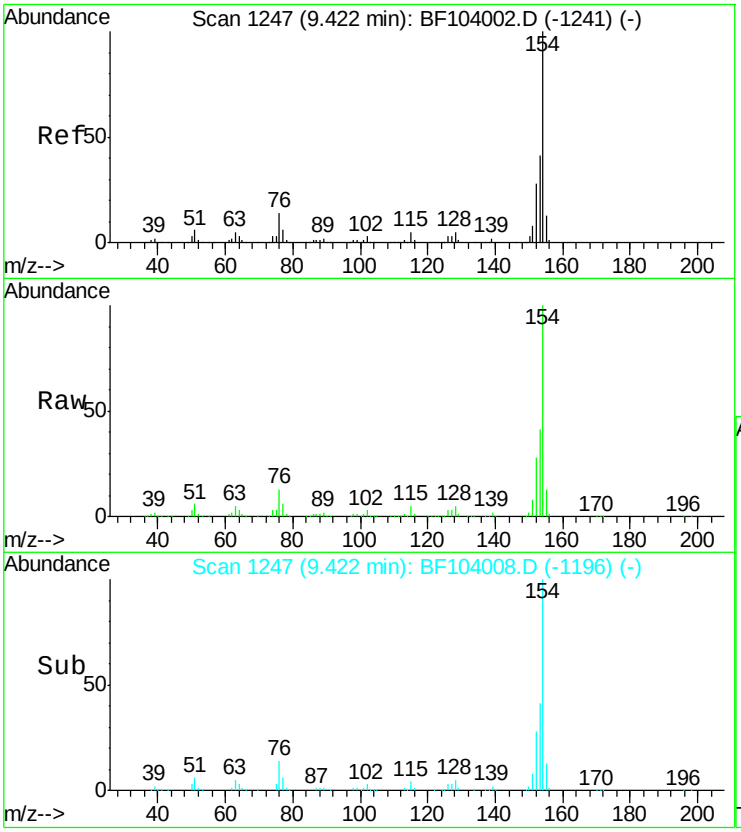


#44
2-Fluorobiphenyl
Concen: 77.800 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:172 Resp: 1317909

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4

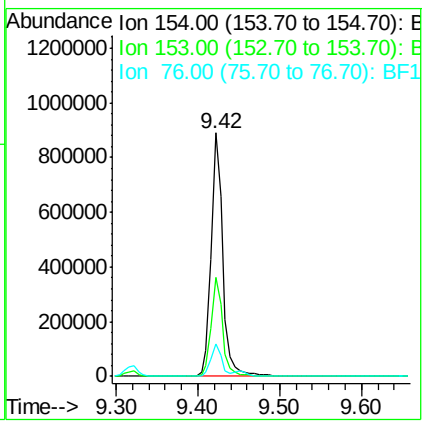




#45
1,1'-Biphenyl
Concen: 38.324 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:154 Resp: 878642

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.5	0.0	34.0



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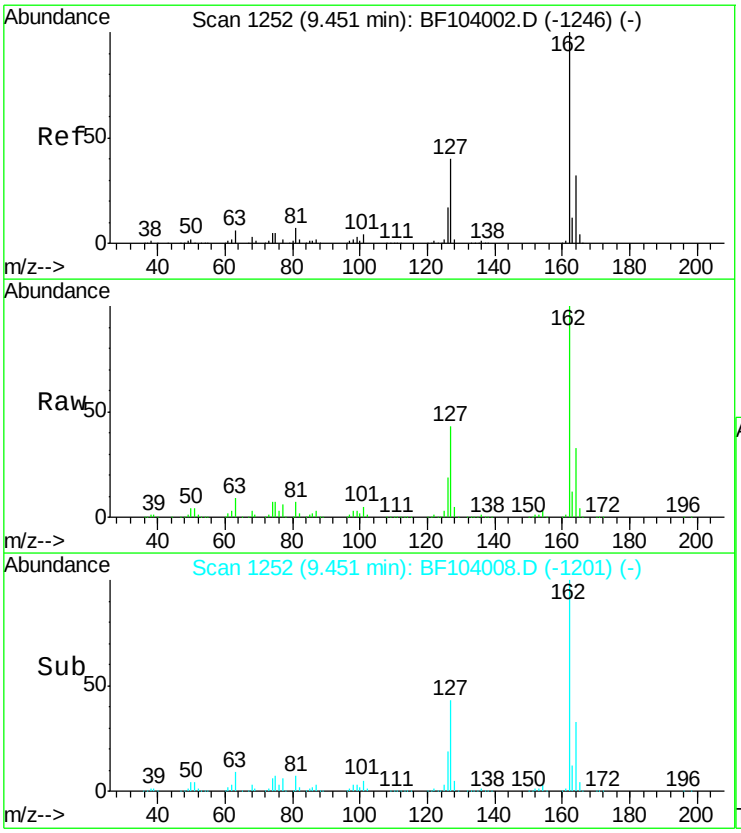
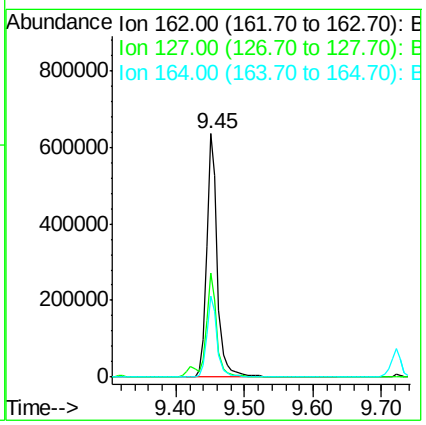
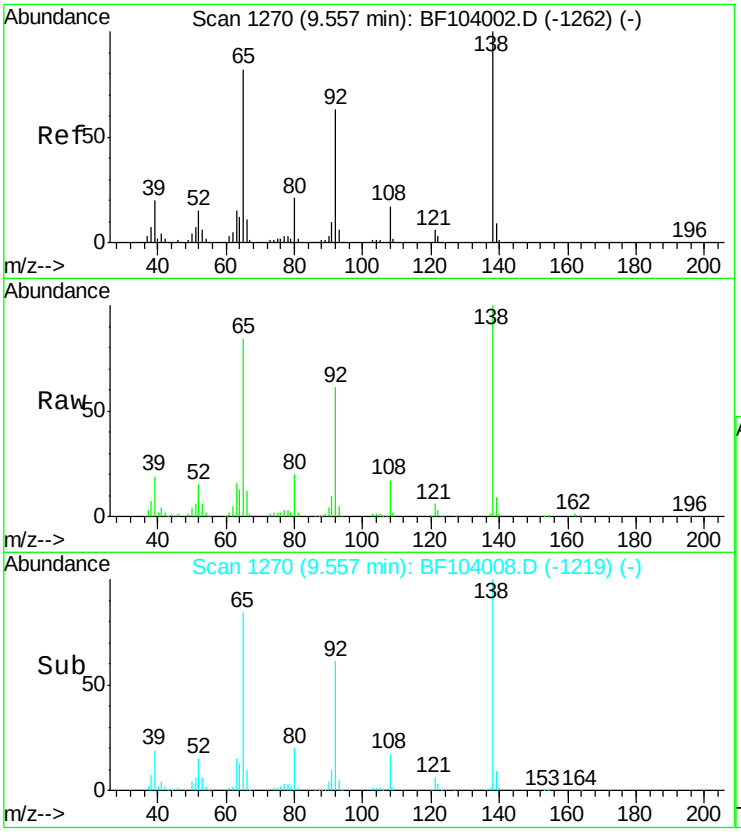


#46
2-Chloronaphthalene
Concen: 38.430 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:162 Resp: 695000

Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.9	50.9
164	33.4	26.5	39.7

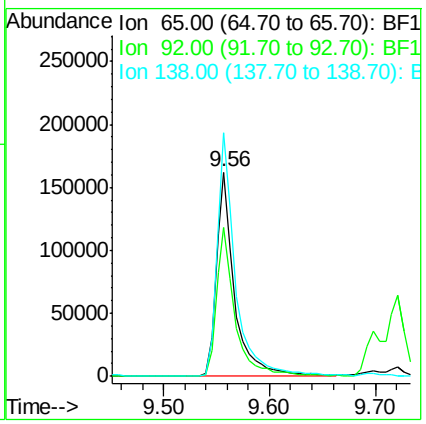




#47
2-Nitroaniline
Concen: 38.297 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 65 Resp: 197493

Ion	Ratio	Lower	Upper
65	100		
92	73.1	55.8	83.6
138	119.3	91.2	136.8



Instrument :
BNA_F
ClientSampleId :
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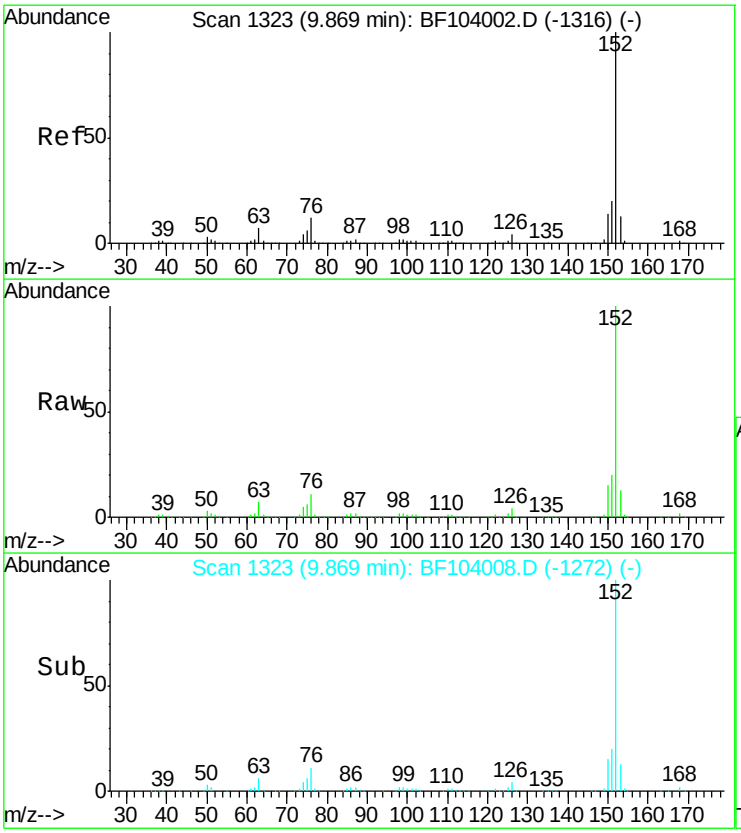
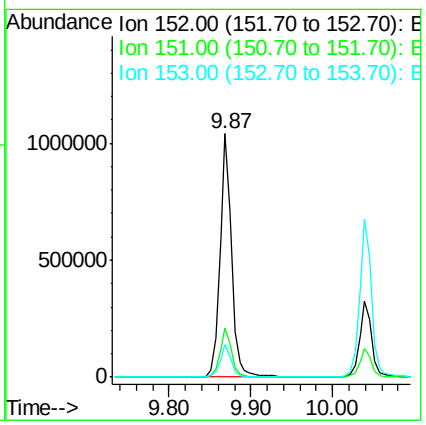
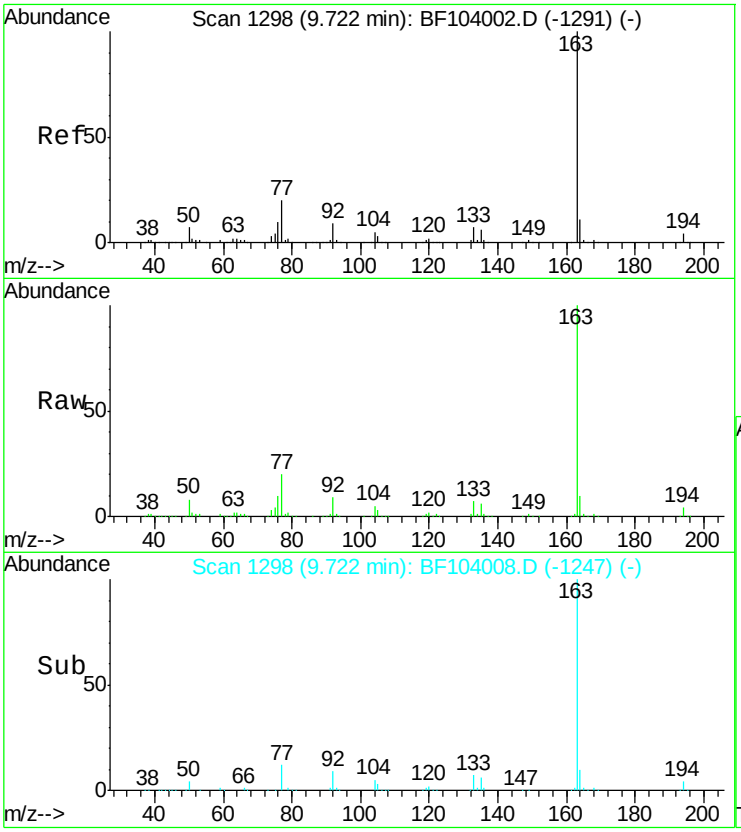


#48
Acenaphthylene
Concen: 37.708 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:152 Resp: 1033110

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.7	16.1

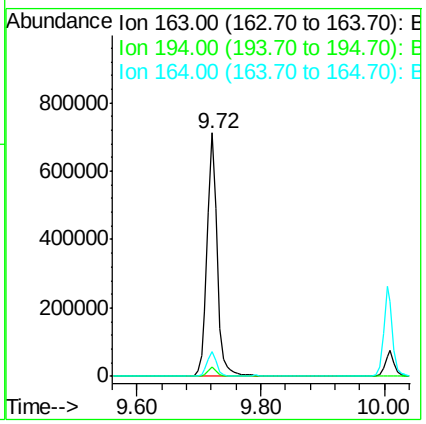




#49
Dimethylphthalate
Concen: 37.839 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:163 Resp: 798042

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
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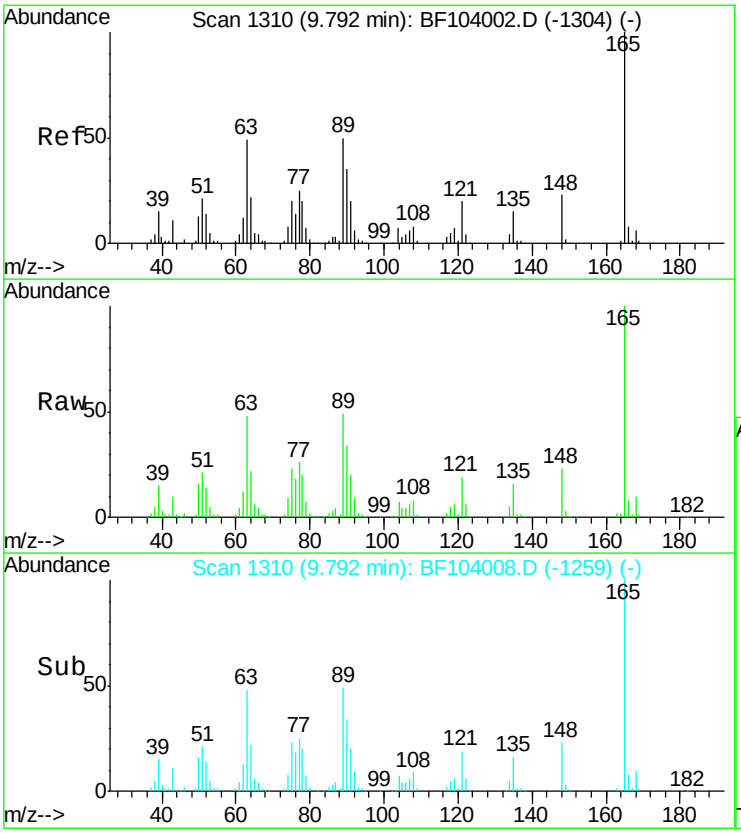
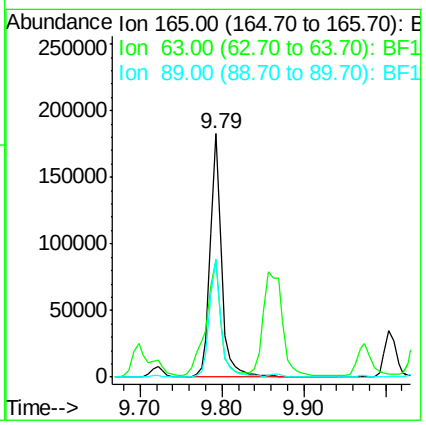
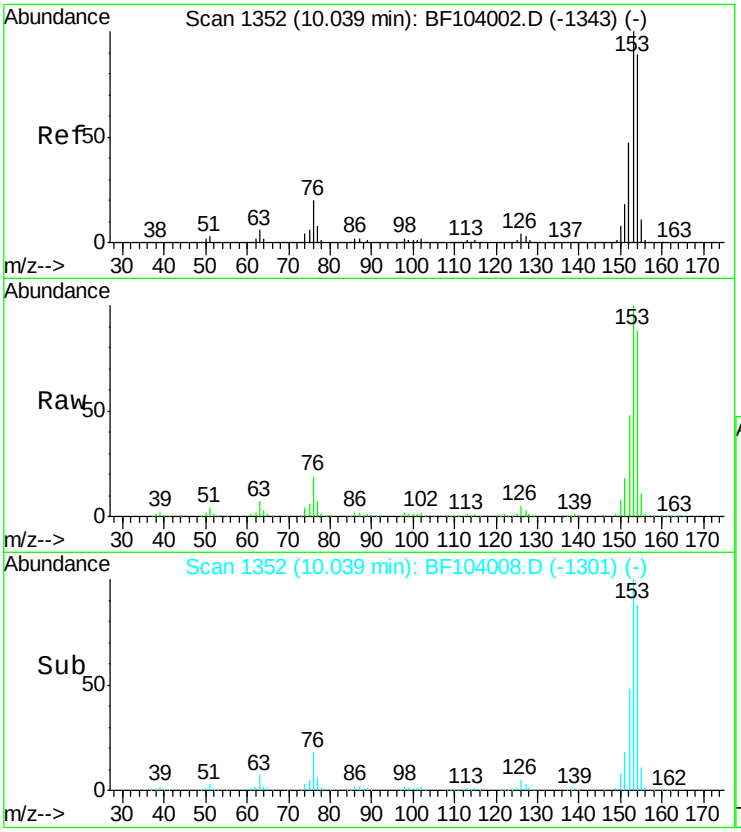


#50
2,6-Dinitrotoluene
Concen: 39.028 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:165 Resp: 177086

Ion	Ratio	Lower	Upper
165	100		
63	48.2	44.7	67.1
89	48.6	44.0	66.0

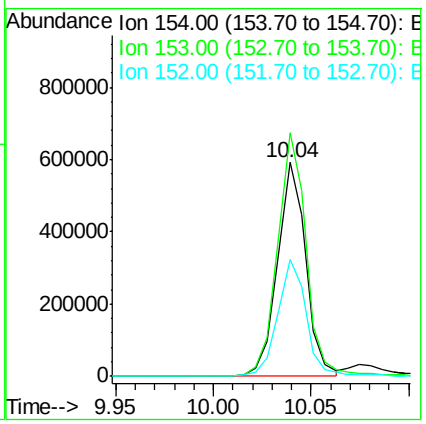




#51
Acenaphthene
Concen: 37.439 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:154 Resp: 593386

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	54.8	43.8	65.8



Instrument :
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ClientSampleId :
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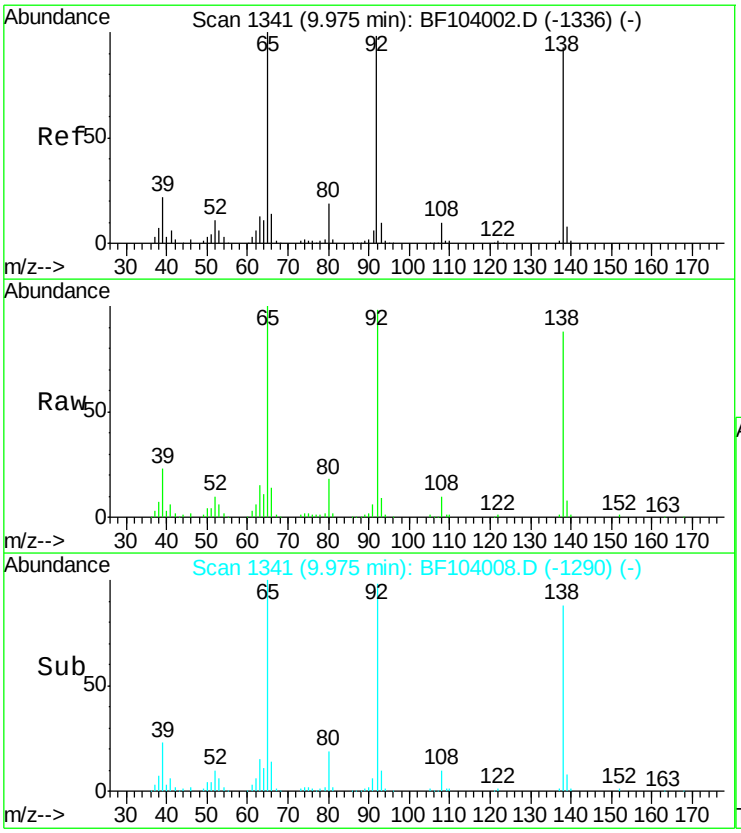
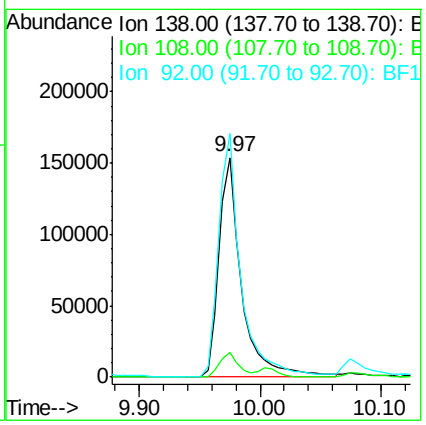
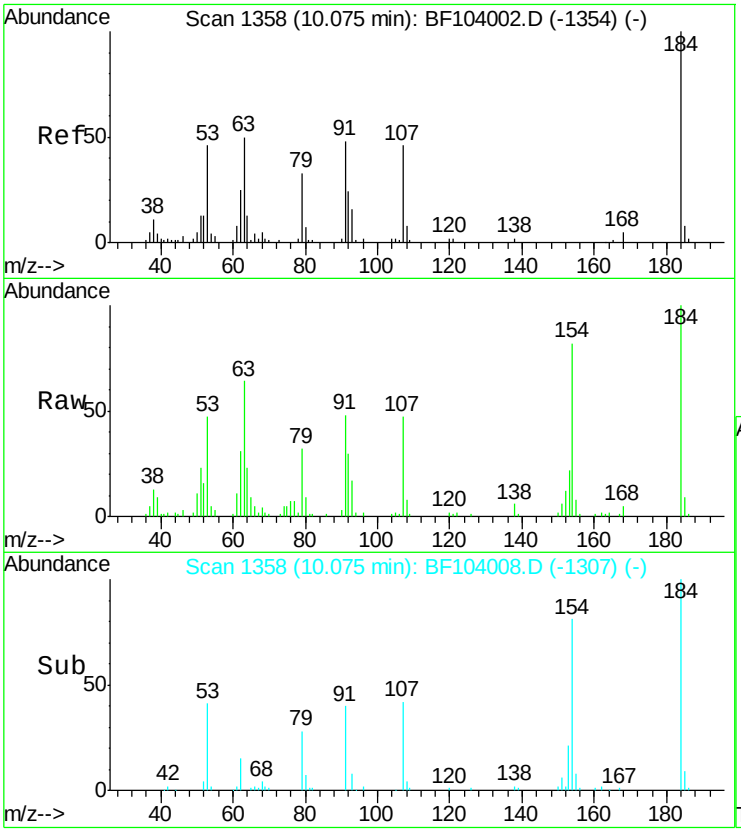


#52
3-Nitroaniline
Concen: 38.109 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:138 Resp: 198775

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.4	14.0
92	110.8	89.4	134.2





#53
2,4-Dinitrophenol
Concen: 39.389 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:184 Resp: 72002

Ion	Ratio	Lower	Upper
184	100		
63	64.4	54.2	81.2
154	81.6	184.0	276.0#

Instrument :
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ClientSampleId :
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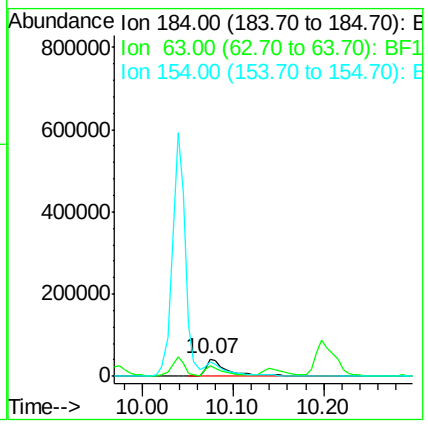
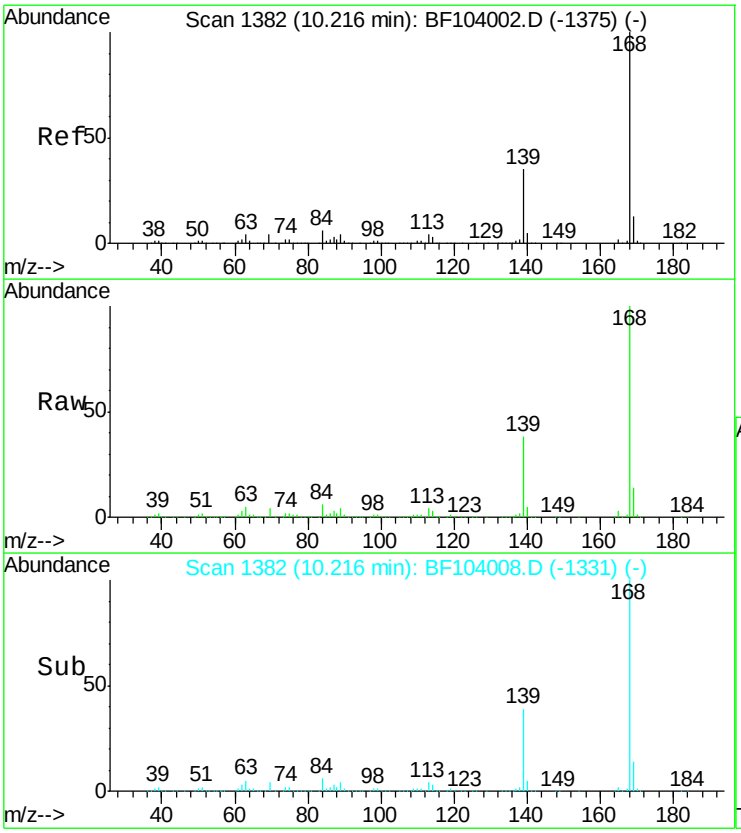
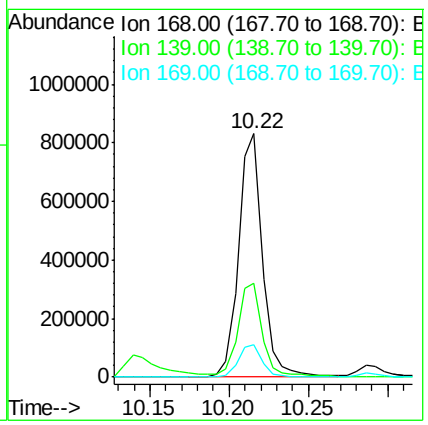


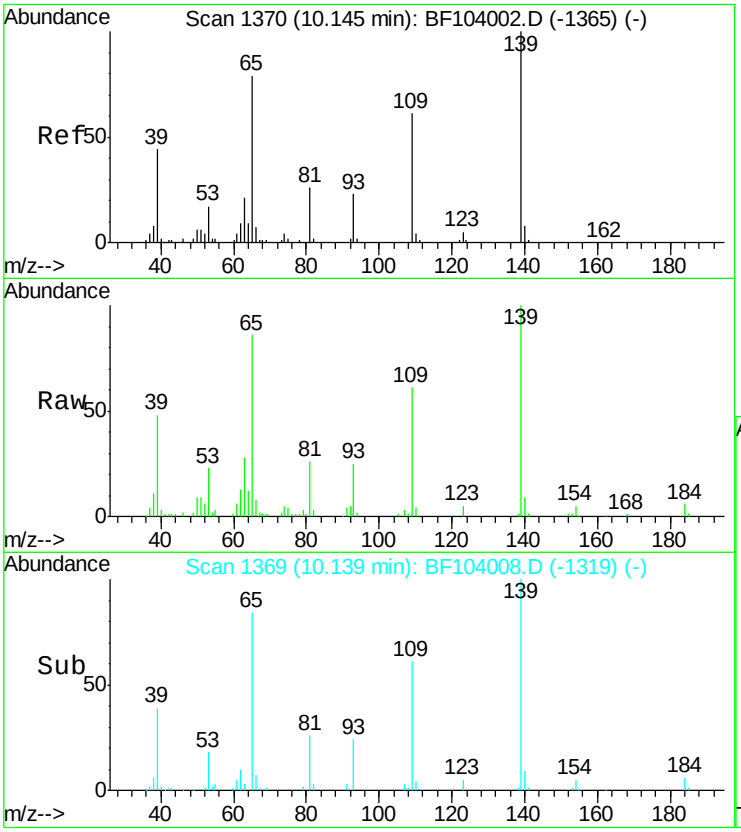


#54
Dibenzofuran
Concen: 37.540 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:168 Resp: 868859

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.6	10.9	16.3

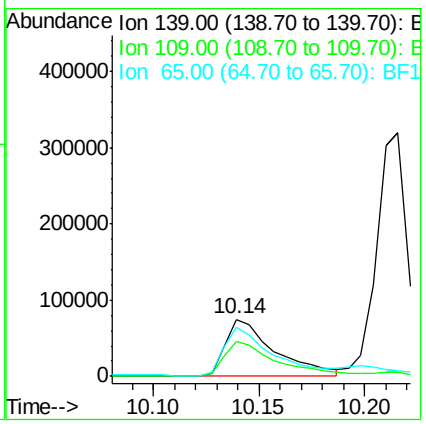




#55
4-Nitrophenol
Concen: 38.634 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:139 Resp: 120828

Ion	Ratio	Lower	Upper
139	100		
109	61.0	48.4	88.4
65	85.6	72.6	112.6



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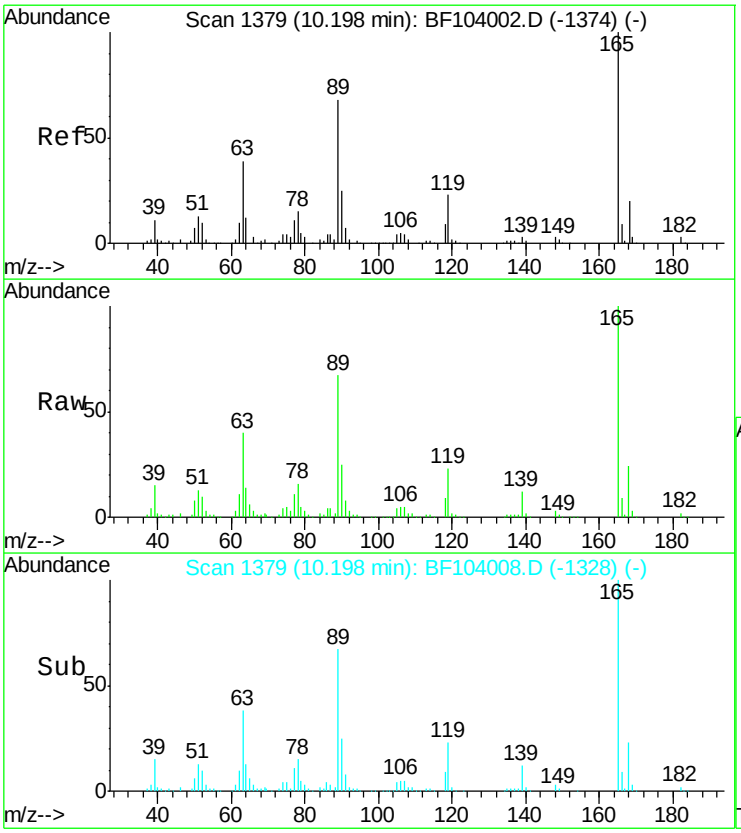
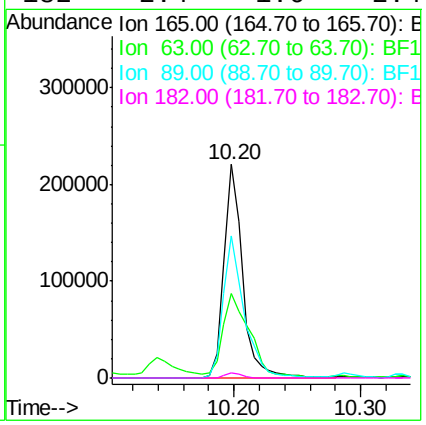
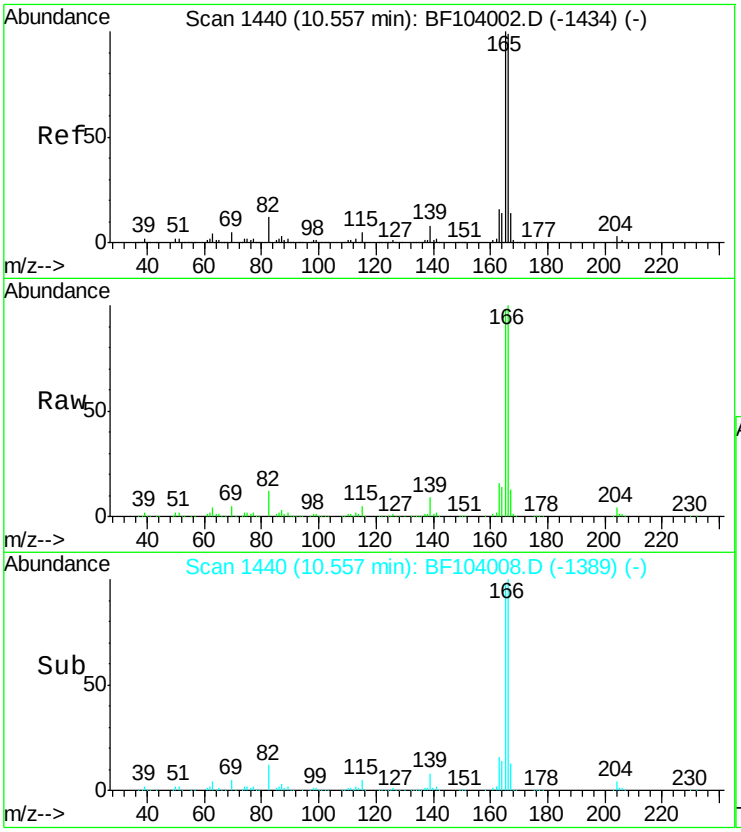


#56
2,4-Dinitrotoluene
Concen: 39.164 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:165 Resp: 226757

Ion	Ratio	Lower	Upper
165	100		
63	39.7	36.4	54.6
89	66.7	57.8	86.6
182	2.4	1.6	2.4

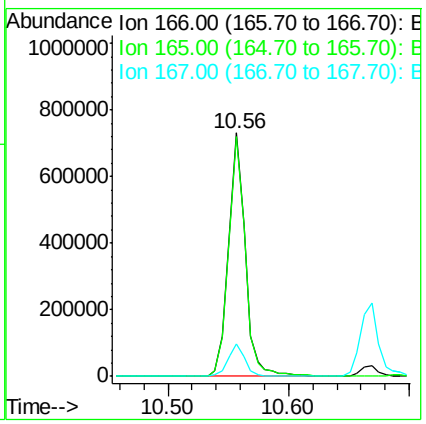




#57
Fluorene
Concen: 37.284 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:166 Resp: 711815

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.2	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
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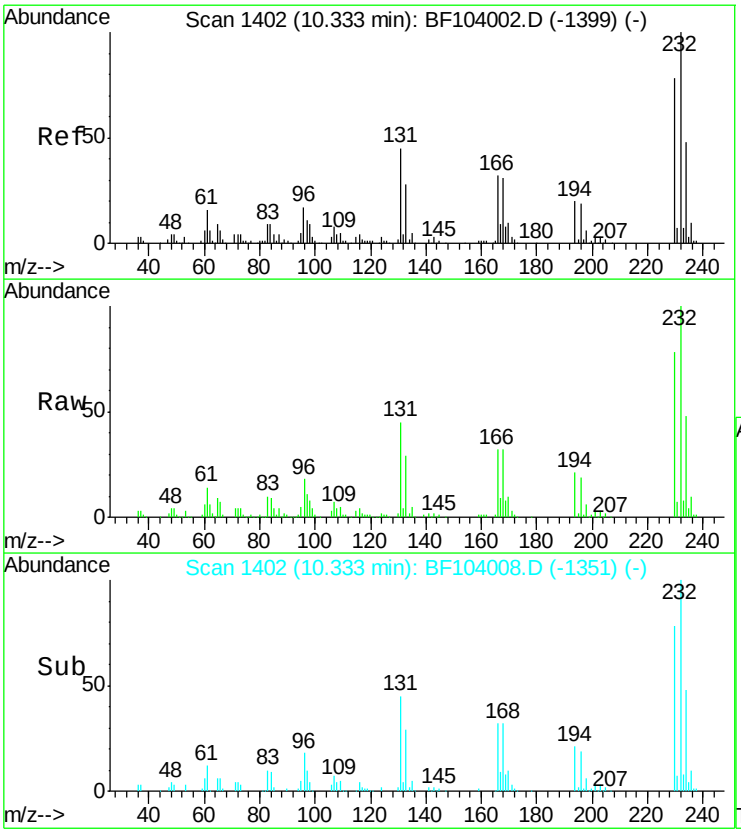
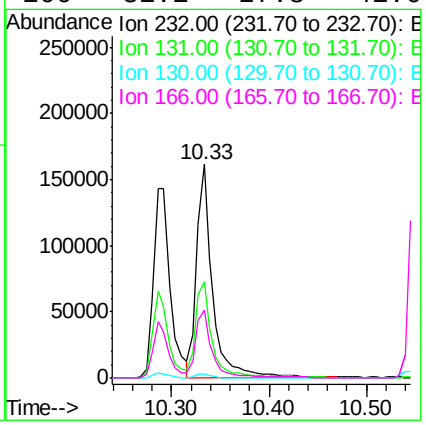
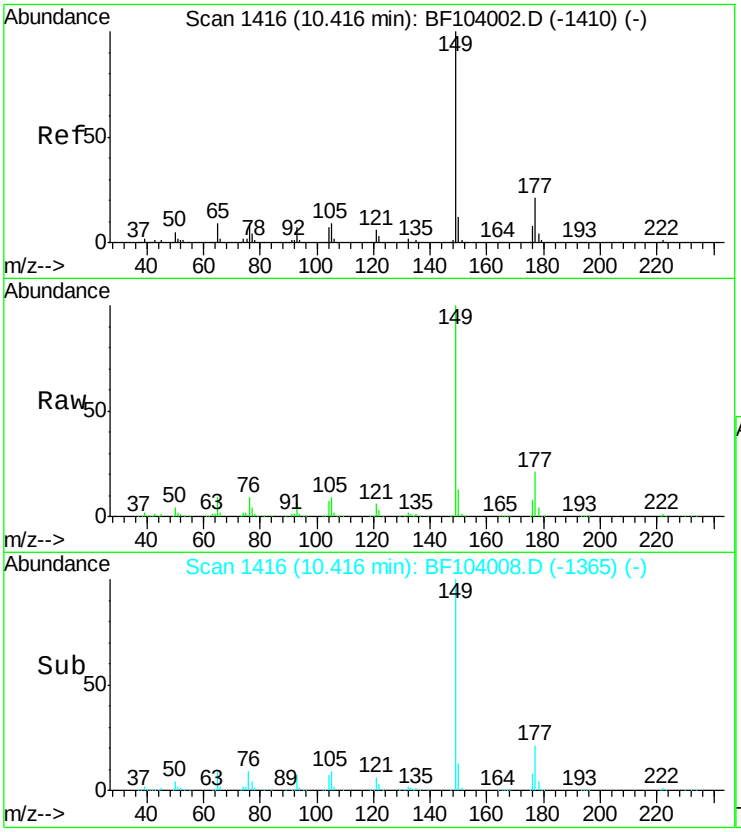


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.492 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:232 Resp: 180615

Ion	Ratio	Lower	Upper
232	100		
131	44.0	43.8	65.8
130	2.3	2.1	3.1
166	31.1	27.8	41.6





#59
Diethylphthalate
Concen: 37.972 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:149 Resp: 767207

Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	13.0	10.1	15.1

Instrument :
BNA_F
ClientSampleId :
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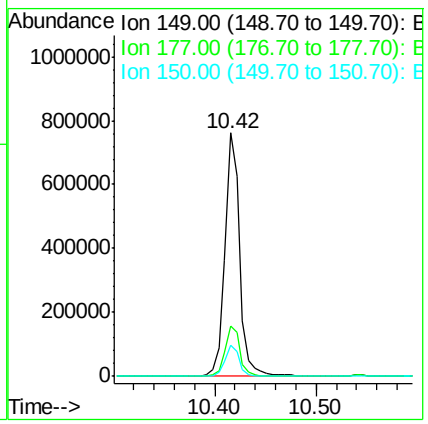
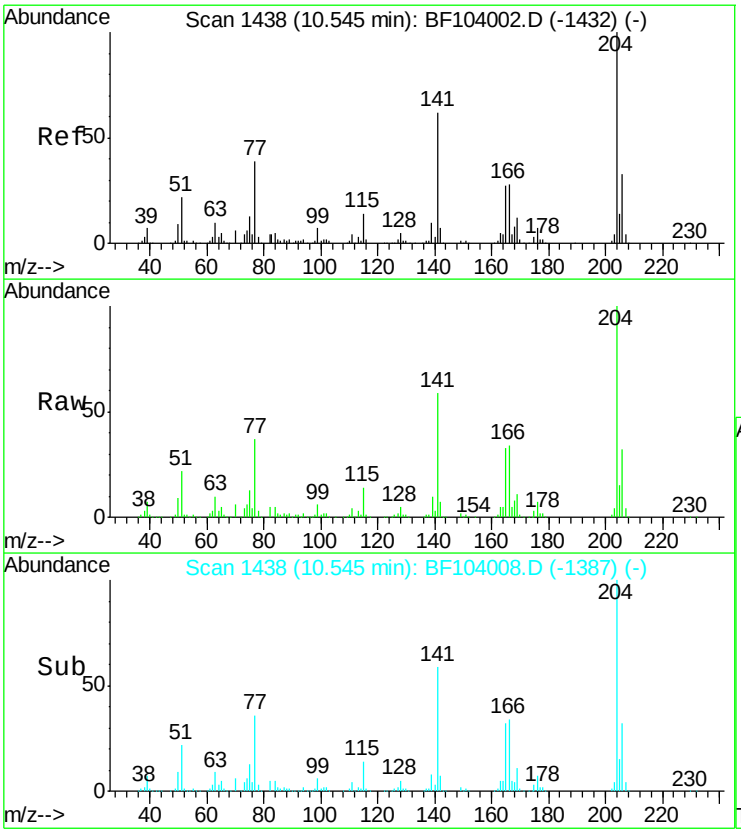
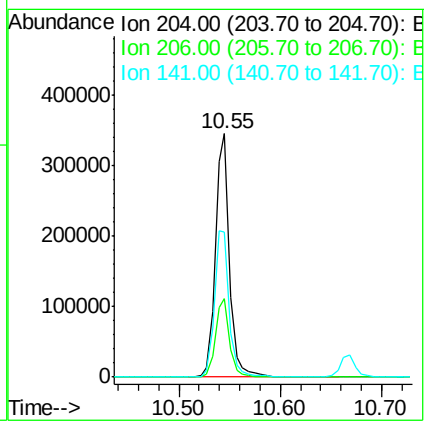


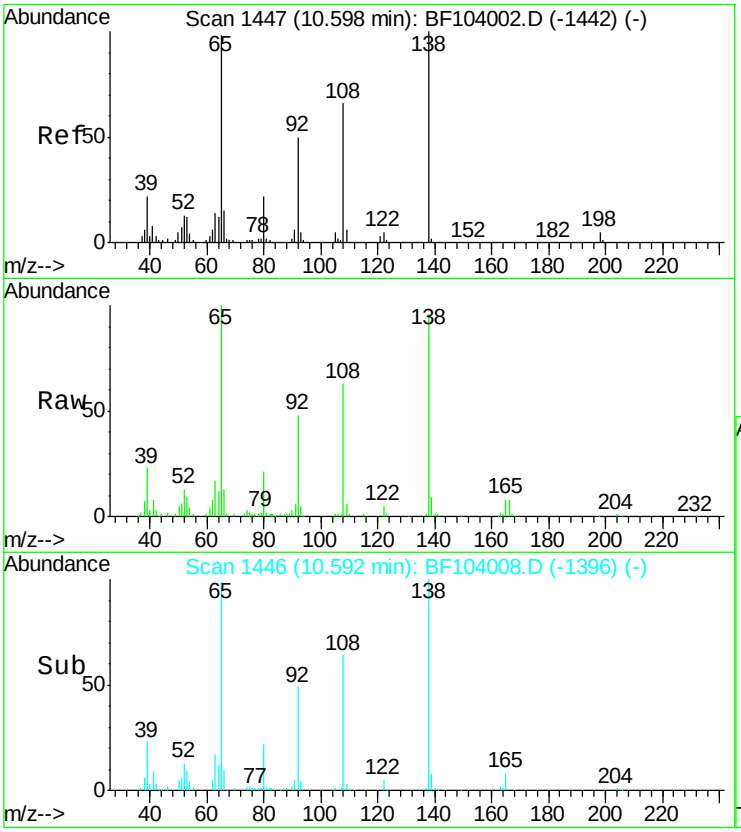


#60
4-Chlorophenyl-phenylether
Concen: 37.783 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:204 Resp: 331307

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	59.4	54.6	81.8

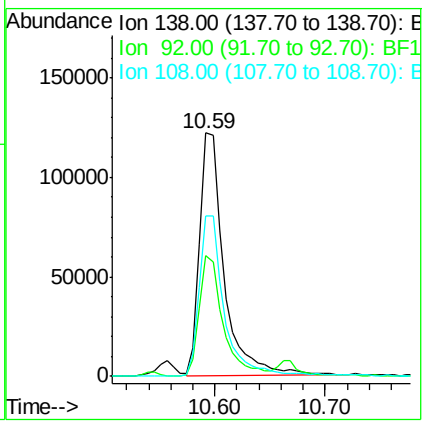




#61
4-Nitroaniline
Concen: 37.563 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:138 Resp: 183328

Ion	Ratio	Lower	Upper
138	100		
92	49.7	30.2	70.2
108	66.0	52.5	92.5



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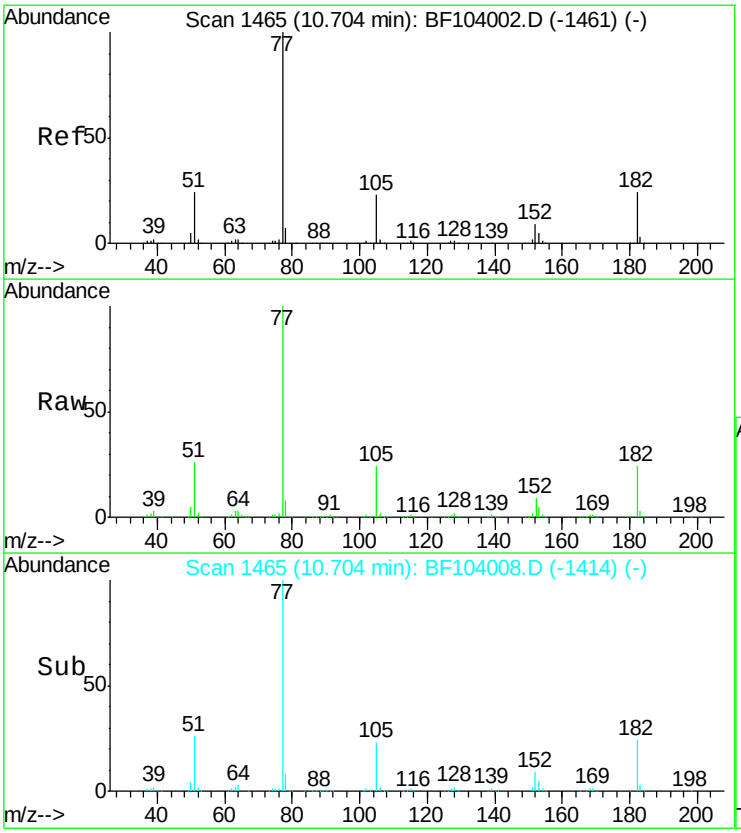
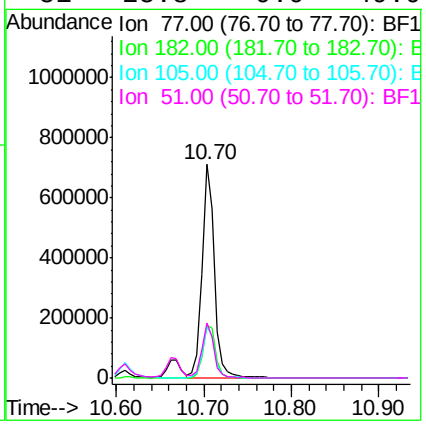
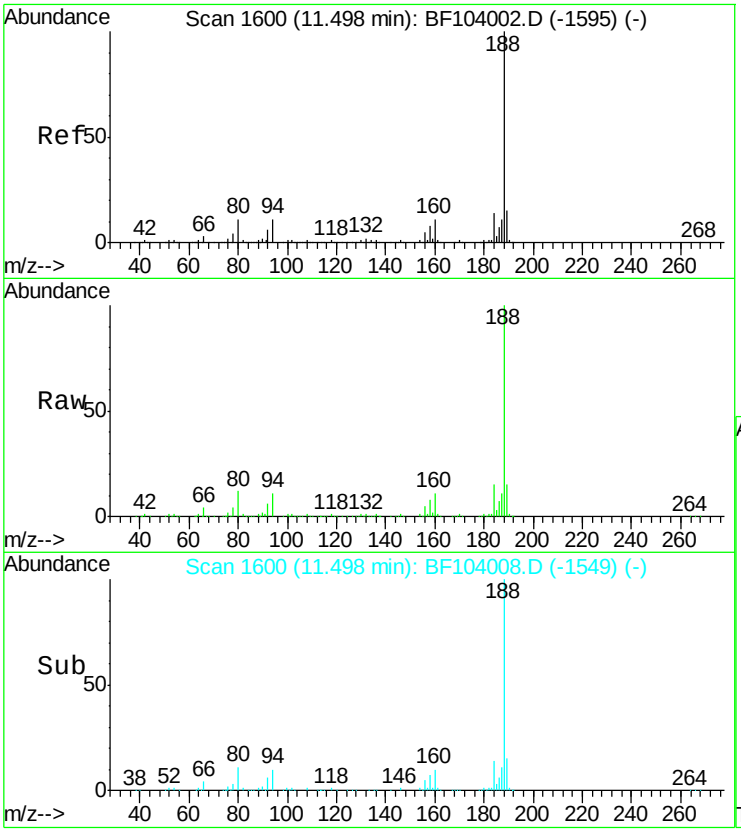


#62
Azobenzene
Concen: 38.333 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion: 77 Resp: 700329

Ion	Ratio	Lower	Upper
77	100		
182	24.3	1.7	41.7
105	23.9	3.0	43.0
51	25.8	9.9	49.9

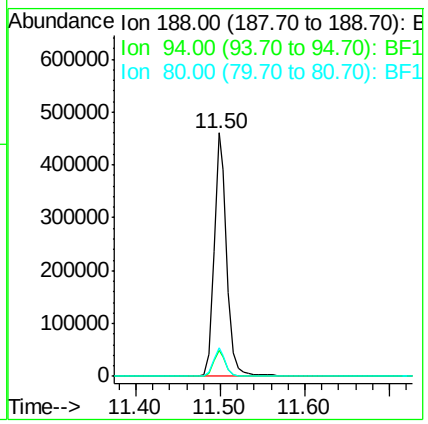




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:188 Resp: 490047

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.6	9.2	13.8



Instrument :
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ClientSampleId :
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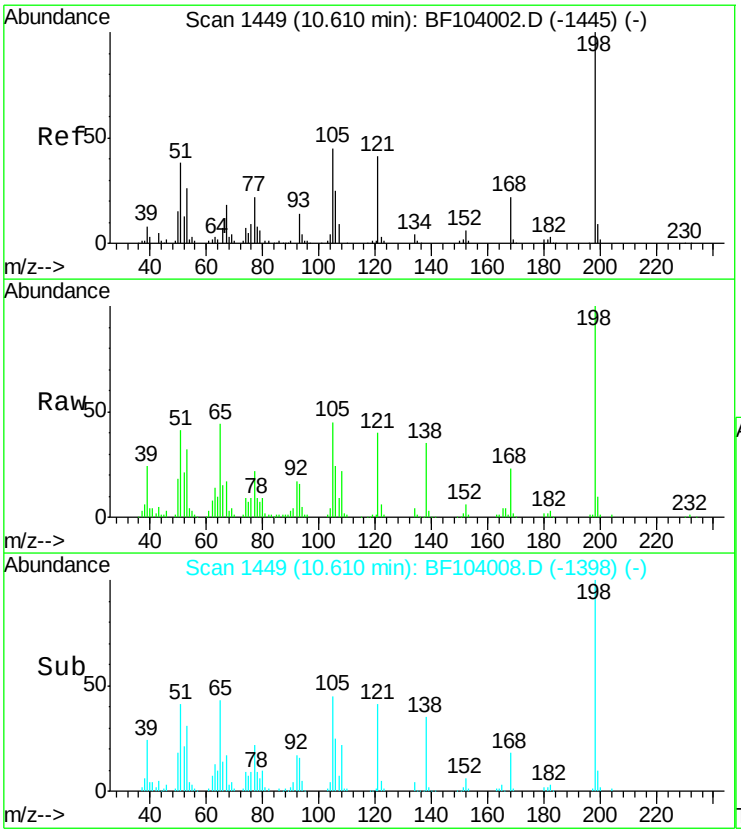
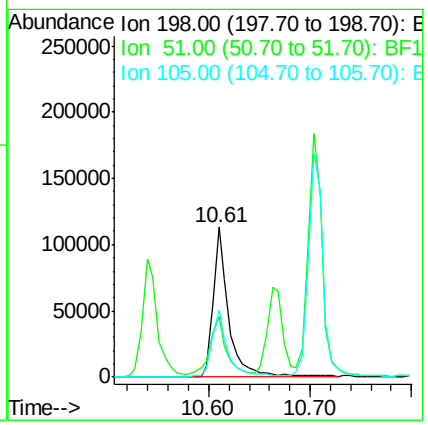
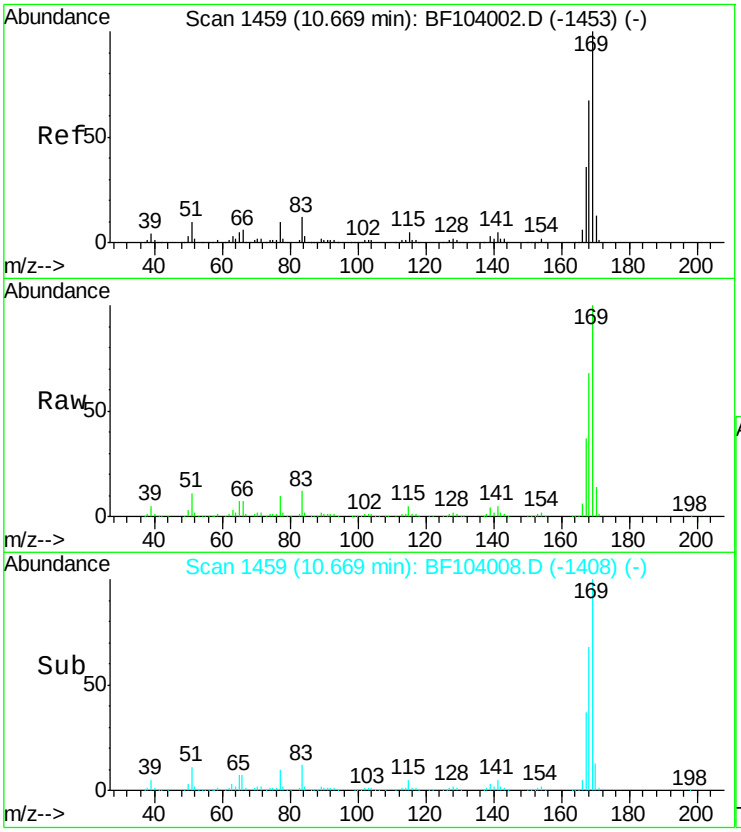


#64
4,6-Dinitro-2-methylphenol
Concen: 40.863 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:198 Resp: 121215

Ion	Ratio	Lower	Upper
198	100		
51	40.6	37.7	77.7
105	45.0	36.3	76.3

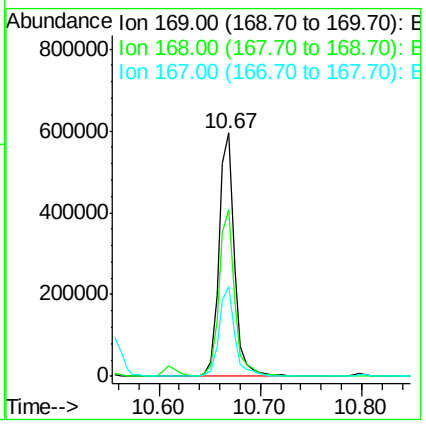




#65
n-Nitrosodiphenylamine
Concen: 37.743 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:169 Resp: 626400

Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.4	81.6
167	37.0	29.8	44.6



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ClientSampleId :
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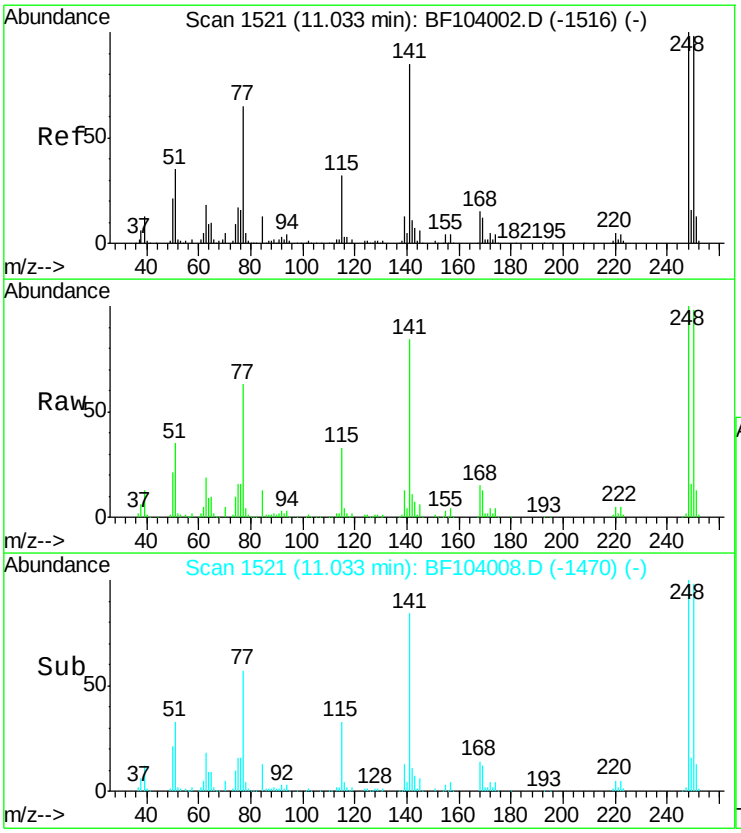
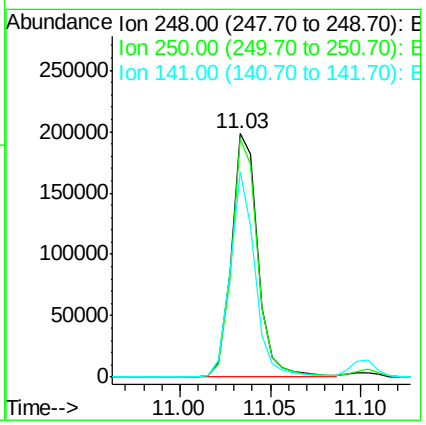
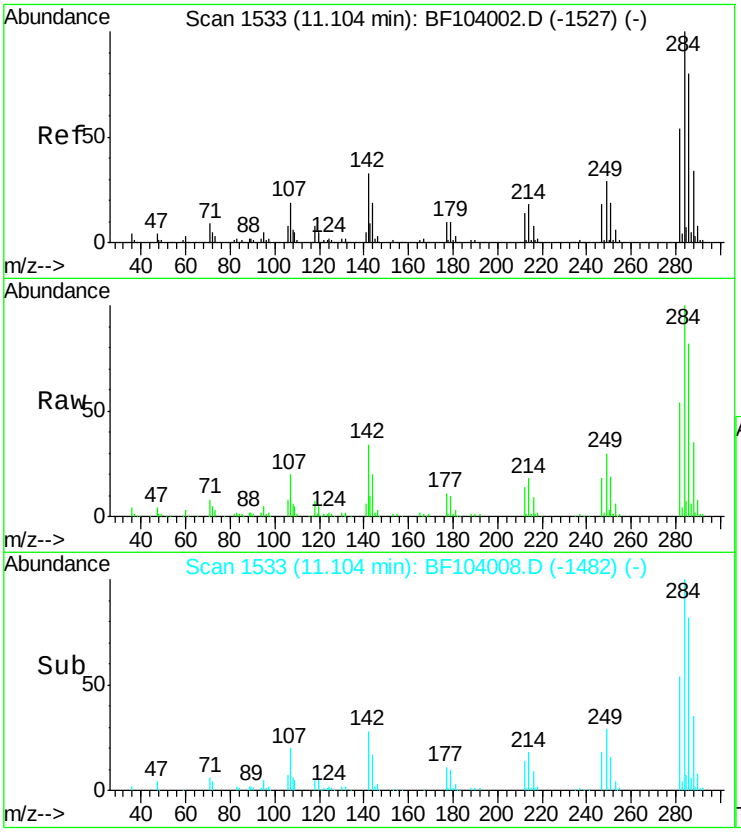


#66
4-Bromophenyl-phenylether
Concen: 38.465 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:248 Resp: 201665

Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.9	115.3
141	84.1	74.4	111.6

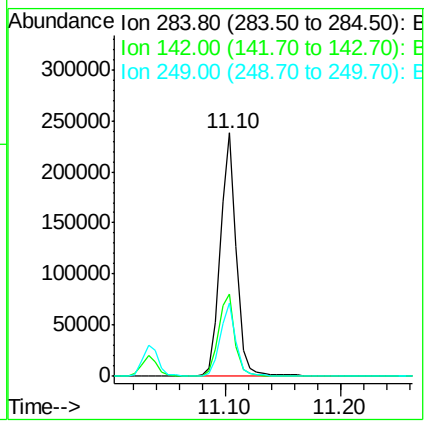




#67
Hexachlorobenzene
Concen: 37.927 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:284 Resp: 228732

Ion	Ratio	Lower	Upper
284	100		
142	33.6	34.6	52.0#
249	30.4	24.8	37.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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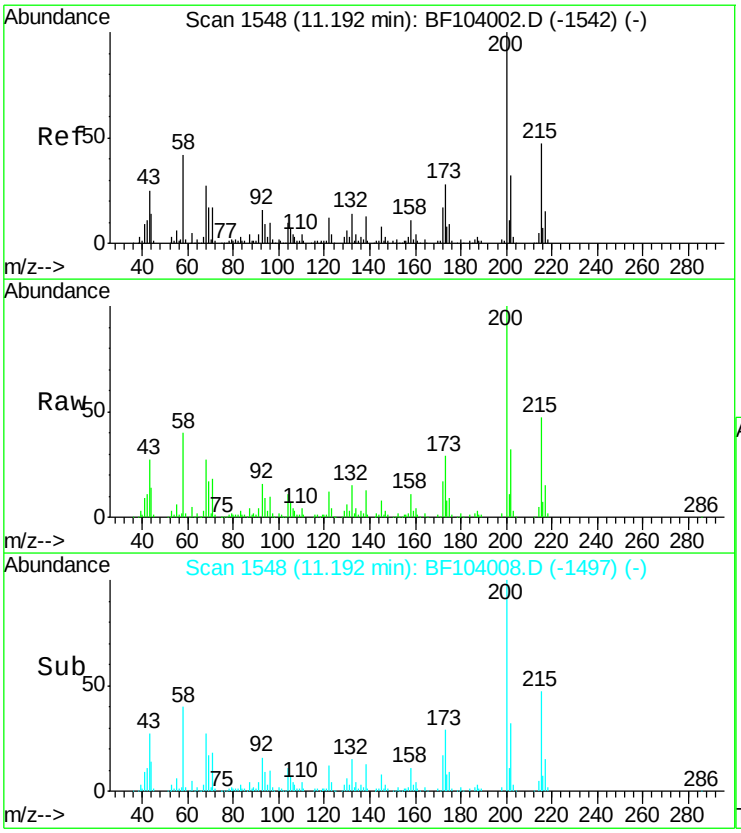
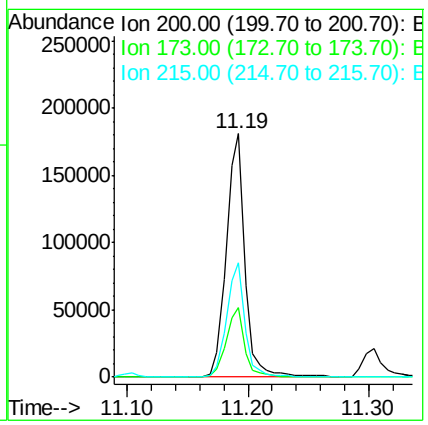
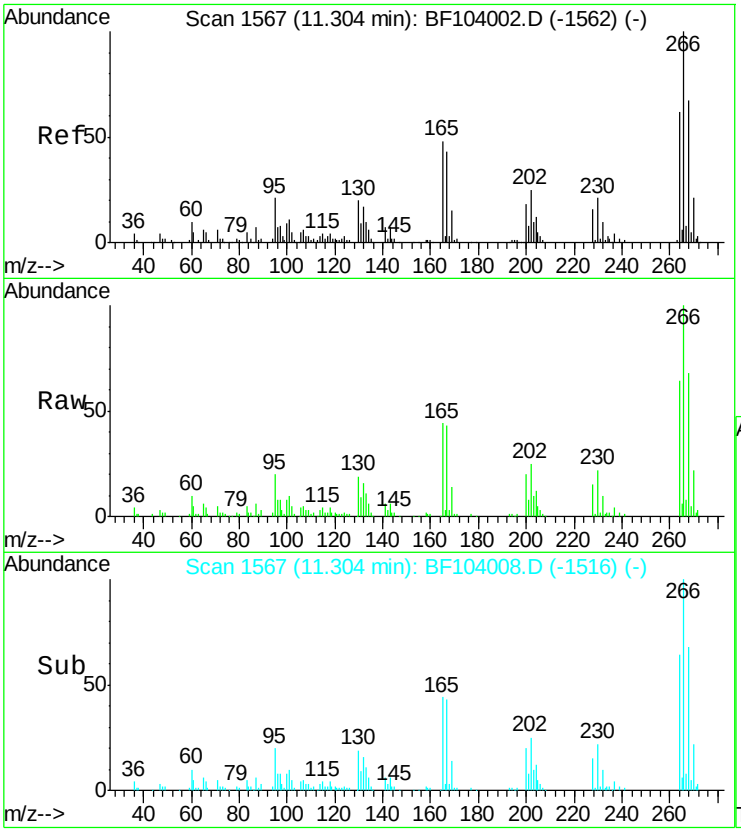


#68
Atrazine
Concen: 38.131 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:200 Resp: 193874

Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	46.8	25.1	65.1

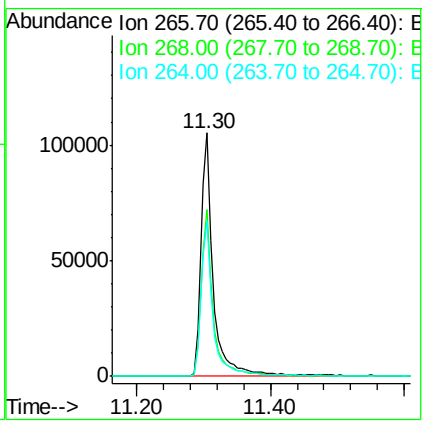




#69
Pentachlorophenol
Concen: 39.740 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:266 Resp: 131881

Ion	Ratio	Lower	Upper
266	100		
268	68.5	51.1	76.7
264	63.7	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
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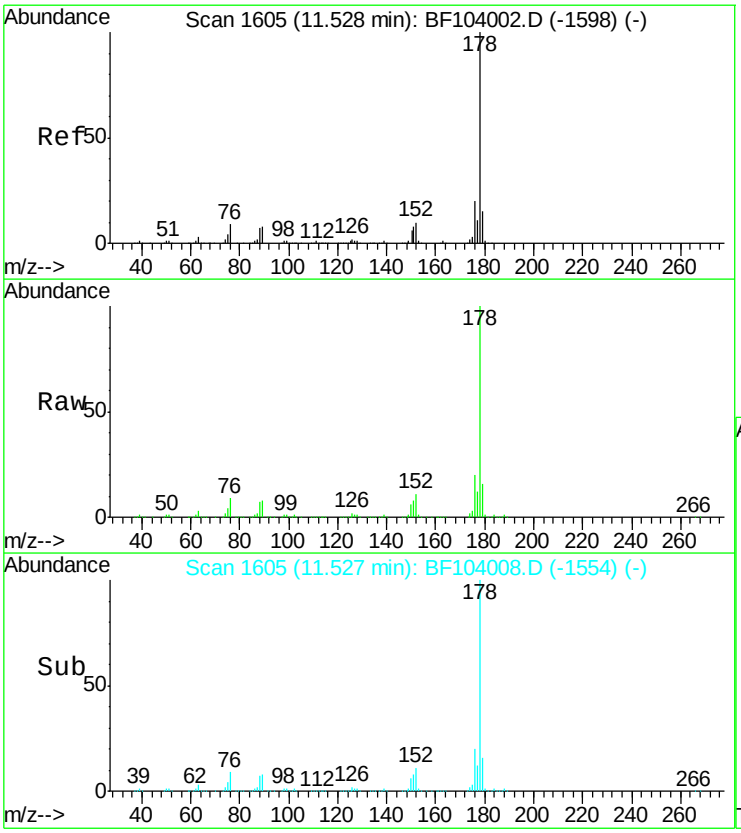
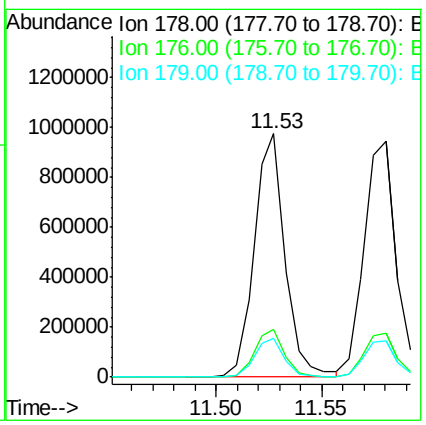
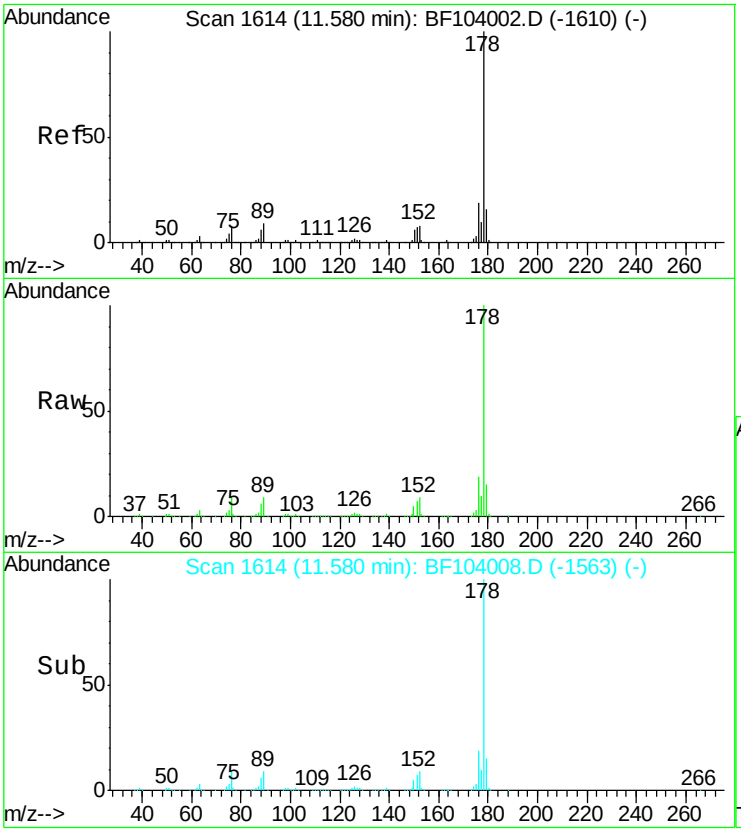


#70
Phenanthrene
Concen: 37.204 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:178 Resp: 987075

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.8	13.0	19.6

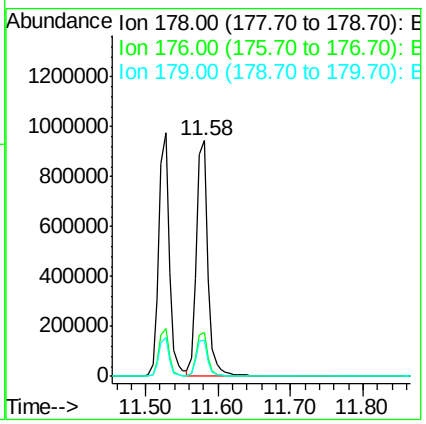




#71
Anthracene
Concen: 37.526 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:178 Resp: 1039963

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.4	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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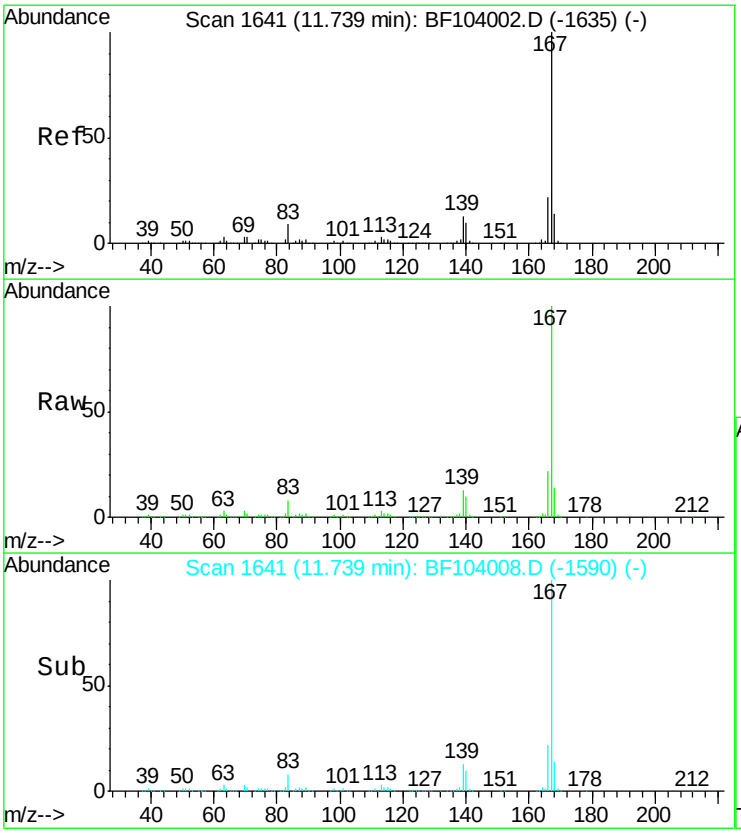
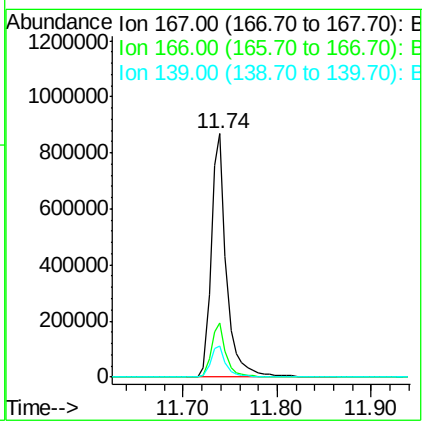
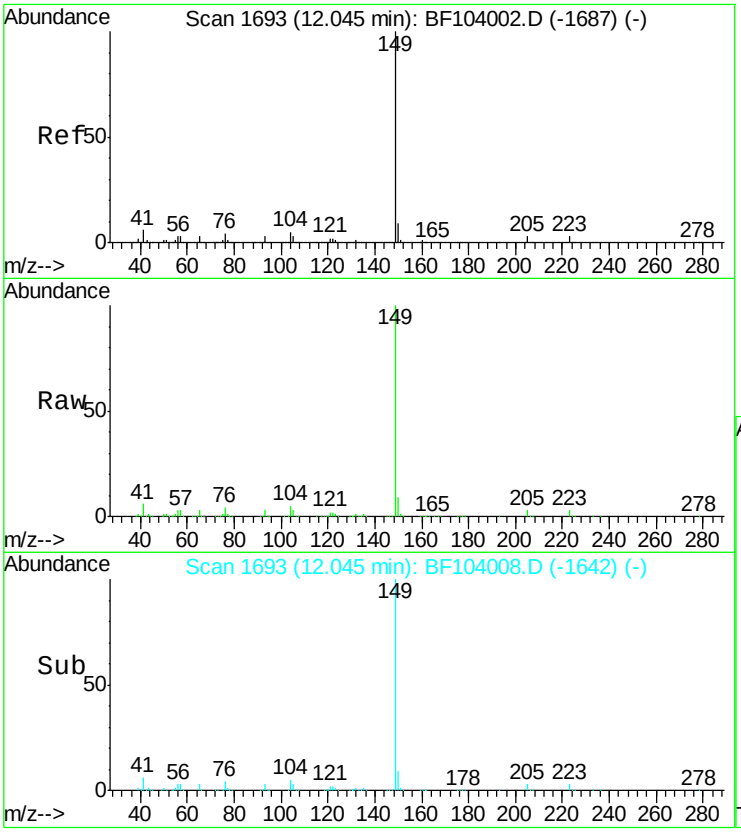


#72
Carbazole
Concen: 37.602 ng
RT: 11.74 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:167 Resp: 994579

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.9	10.9	16.3

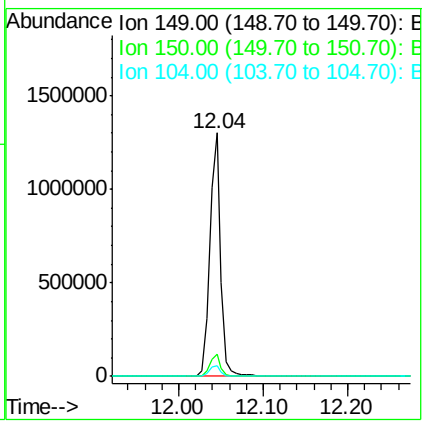




#73
Di-n-butylphthalate
Concen: 37.411 ng
RT: 12.04 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:149 Resp: 1178682

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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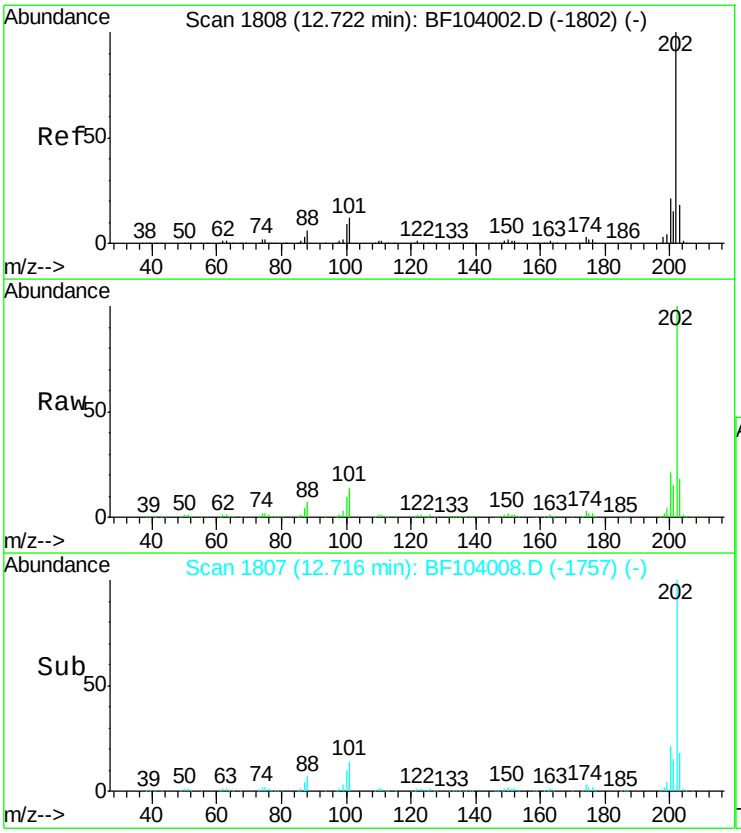
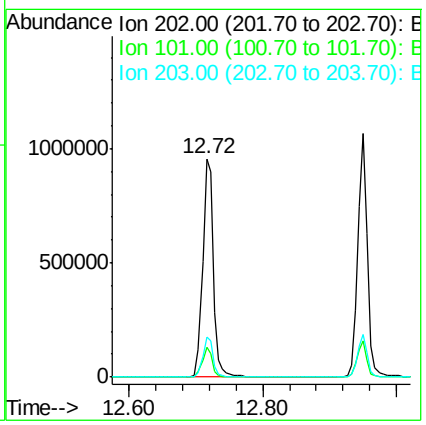
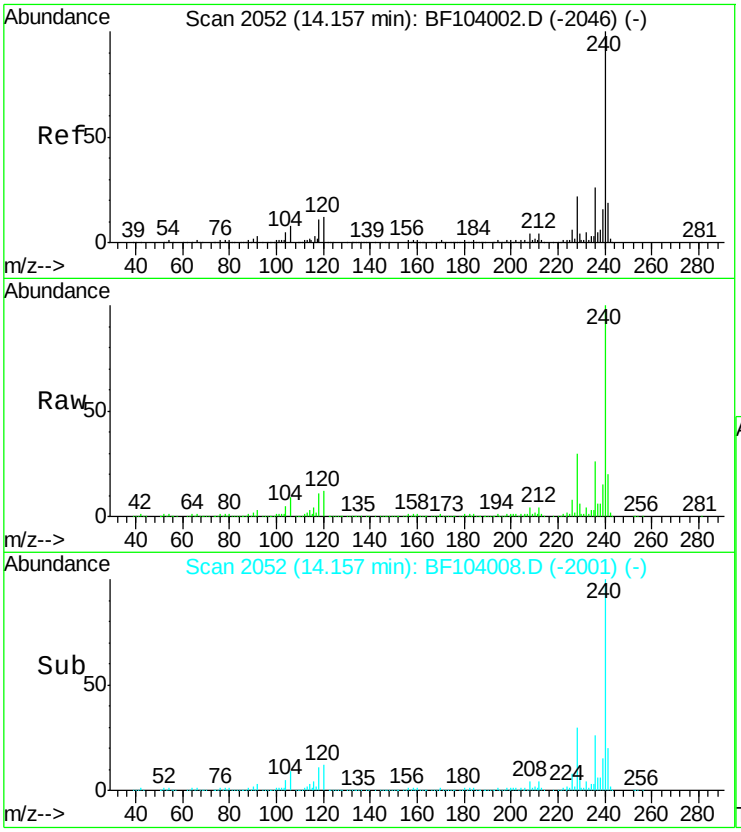


#74
Fluoranthene
Concen: 37.031 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:202 Resp: 1044332

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	18.1	0.0	38.1

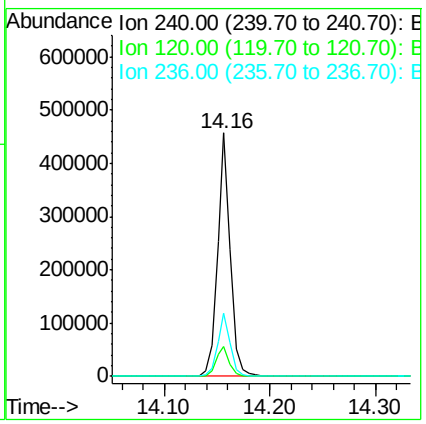




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:240 Resp: 387591

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.8	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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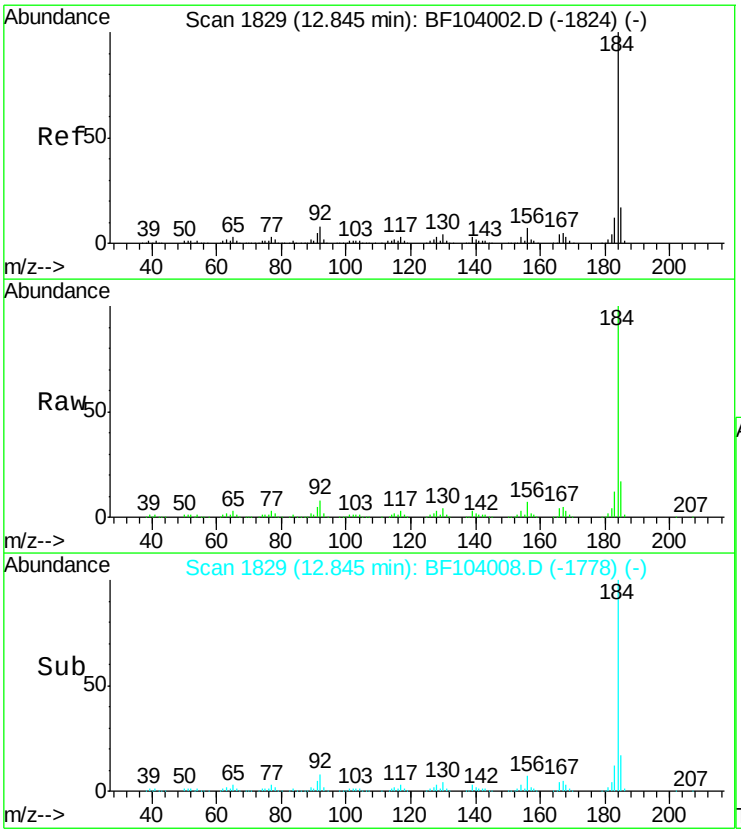
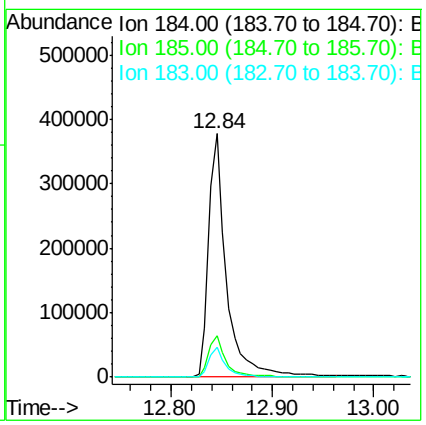
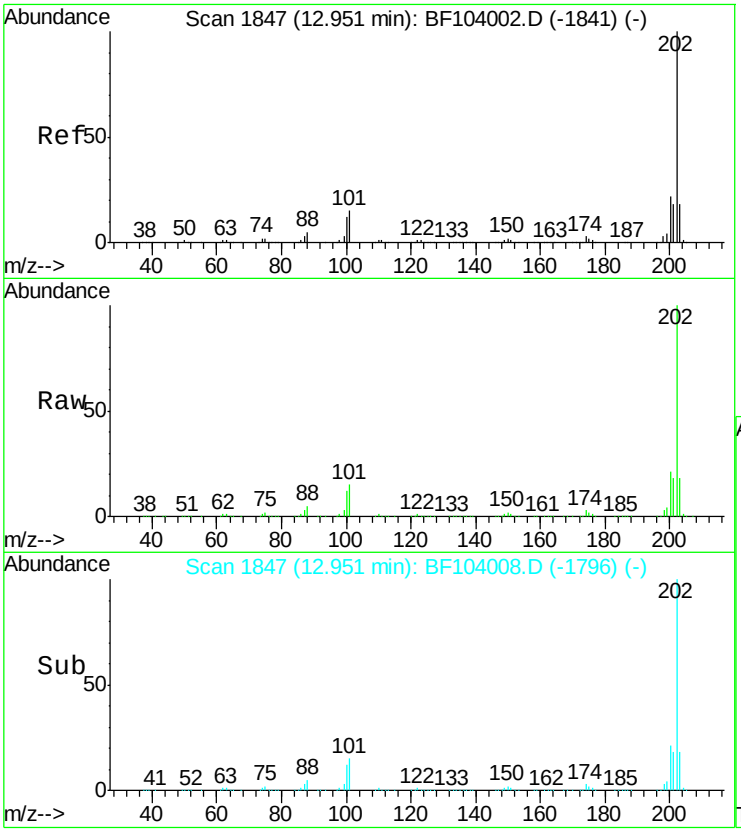


#76
Benzidine
Concen: 42.183 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:184 Resp: 465929

Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.6	18.8
183	12.0	9.3	13.9

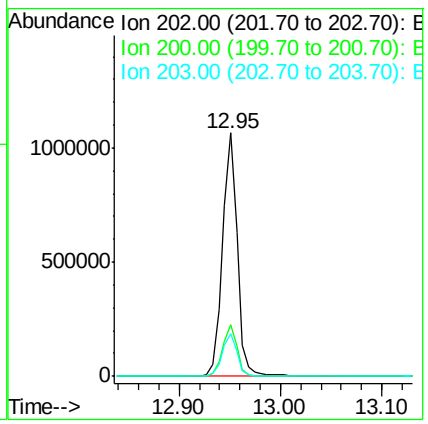




#77
Pyrene
Concen: 38.559 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:202 Resp: 1074350

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.6	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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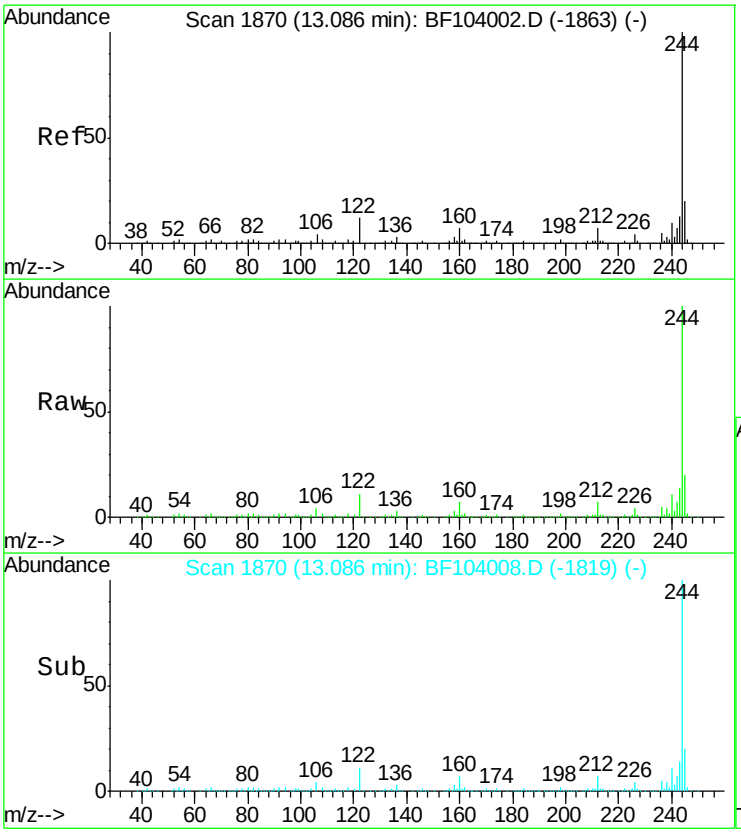
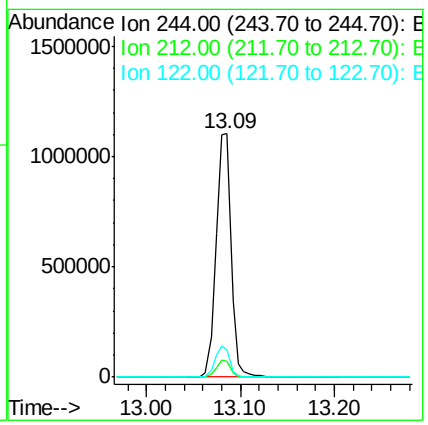
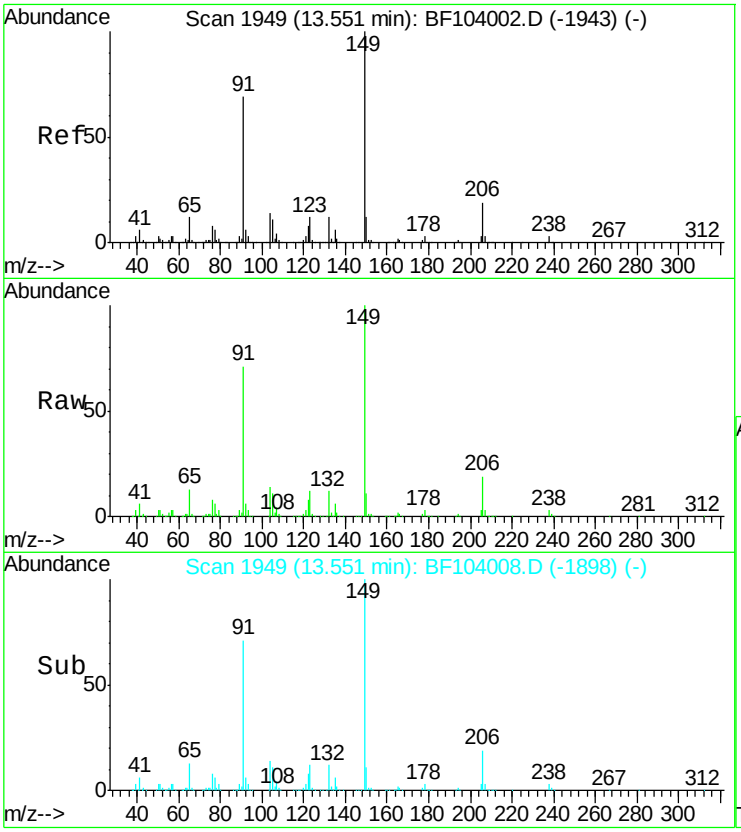


#78
Terphenyl-d14
Concen: 74.448 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:244 Resp: 1249721

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.4	11.0	16.4

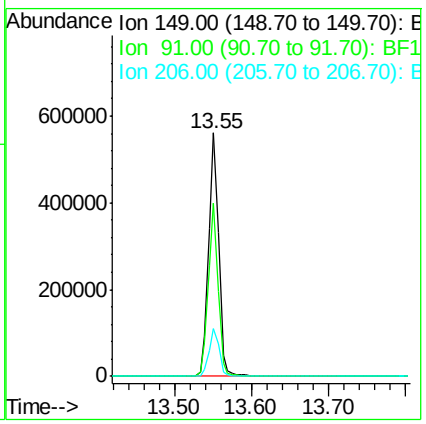




#79
Butylbenzylphthalate
Concen: 38.404 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:149 Resp: 504110

Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.8	85.2
206	19.4	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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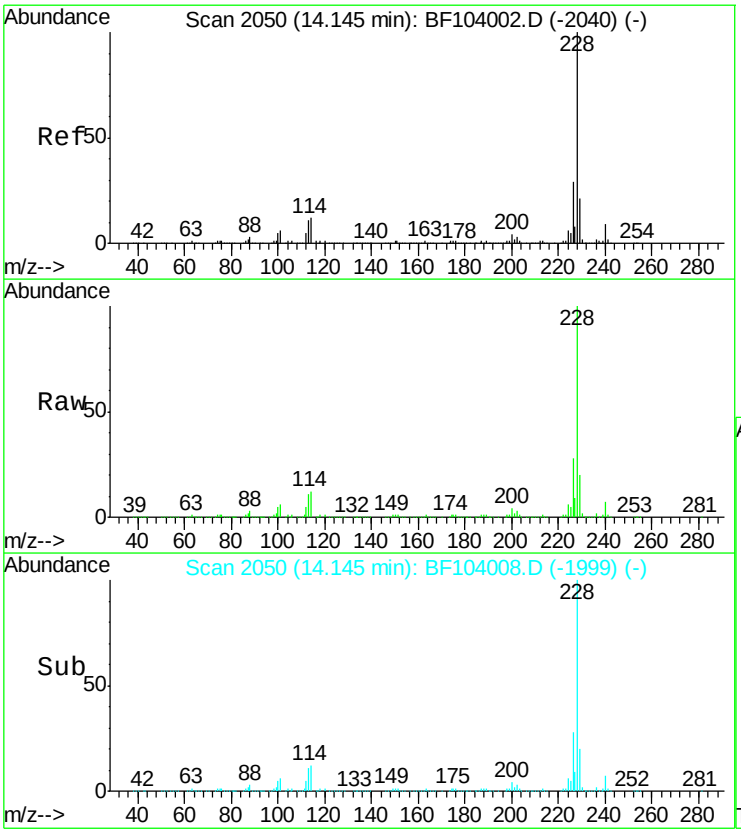
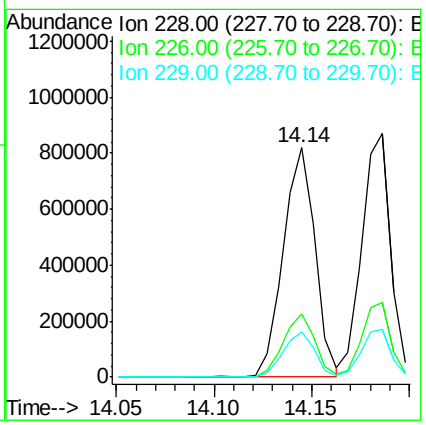
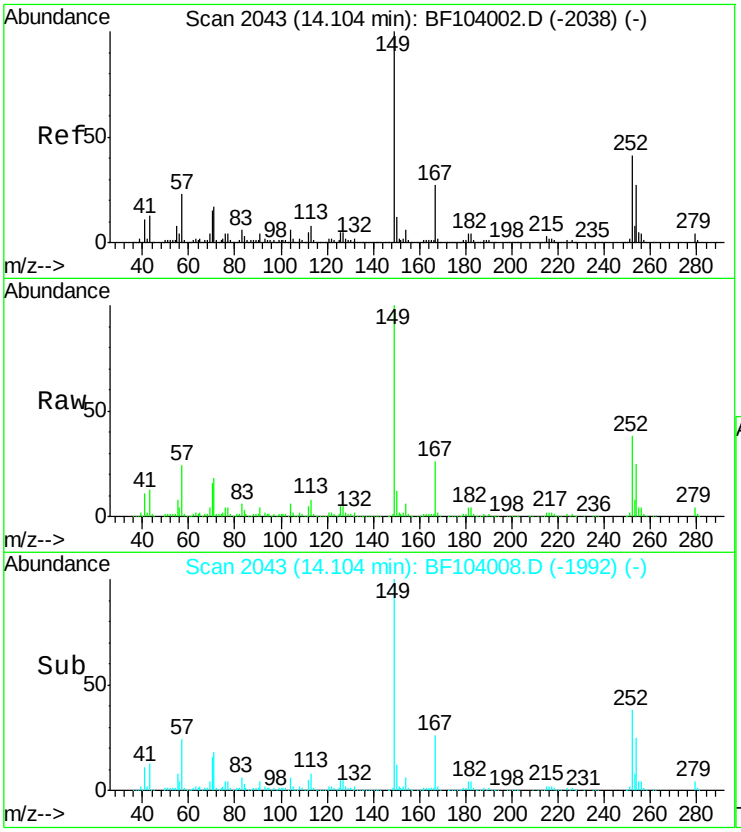


#80
Benzo(a)anthracene
Concen: 38.156 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:228 Resp: 925375

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.9	15.8	23.6

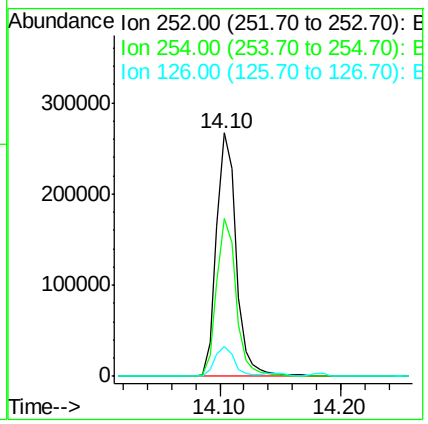




#81
3,3'-Dichlorobenzidine
Concen: 37.386 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:252 Resp: 300117

Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	12.5	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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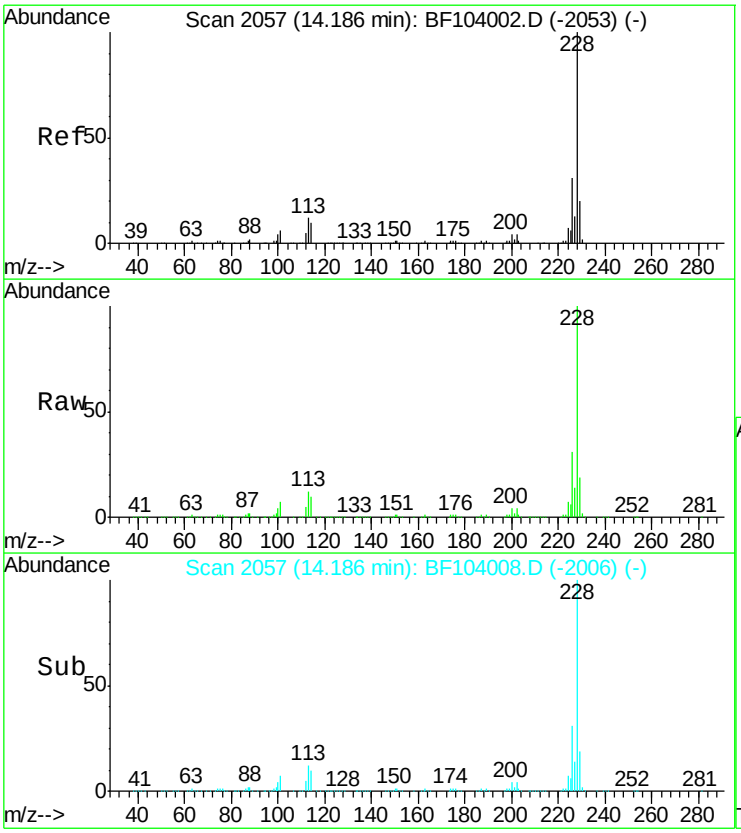
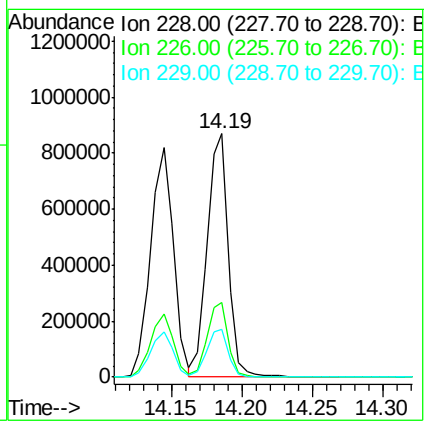
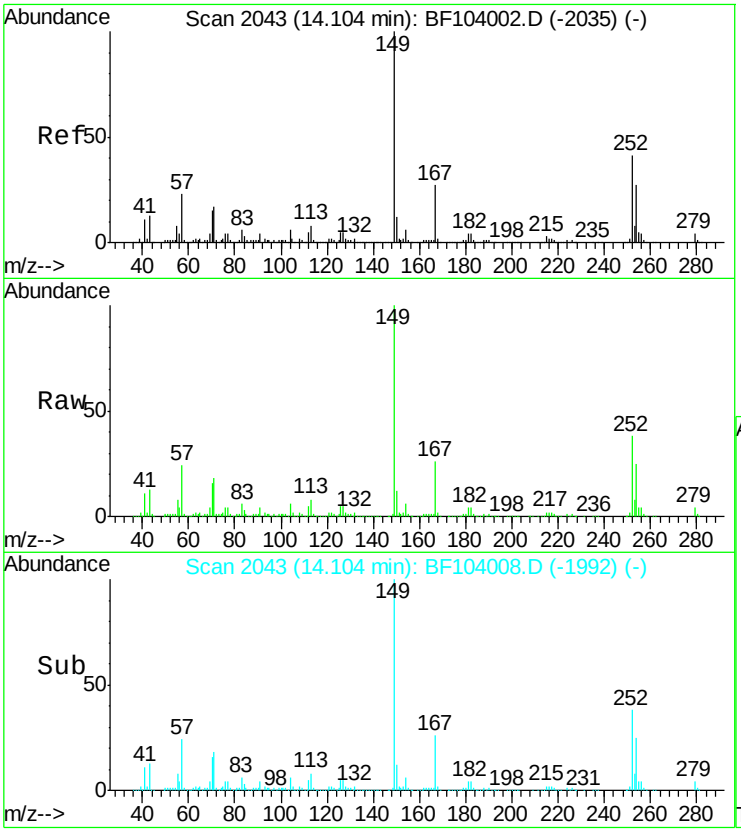


#82
Chrysene
Concen: 37.738 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:228 Resp: 896416

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.5	16.2	24.4

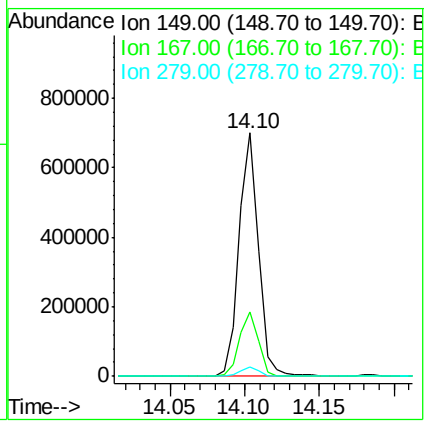




#83
Bis(2-ethylhexyl)phthalate
Concen: 37.640 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:149 Resp: 638398

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.8	3.0	4.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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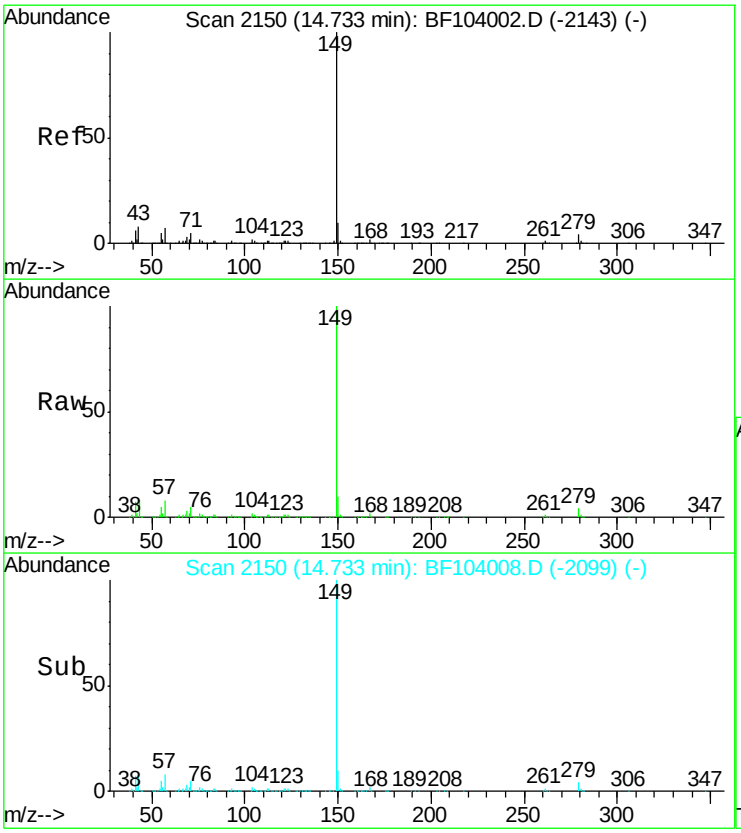
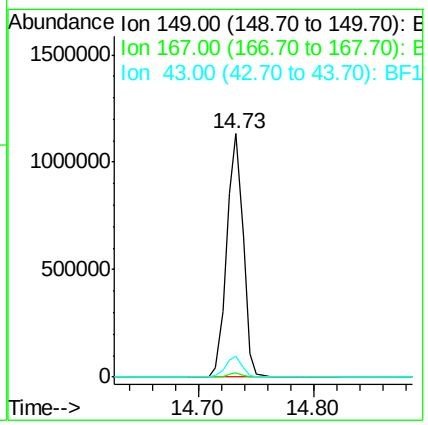
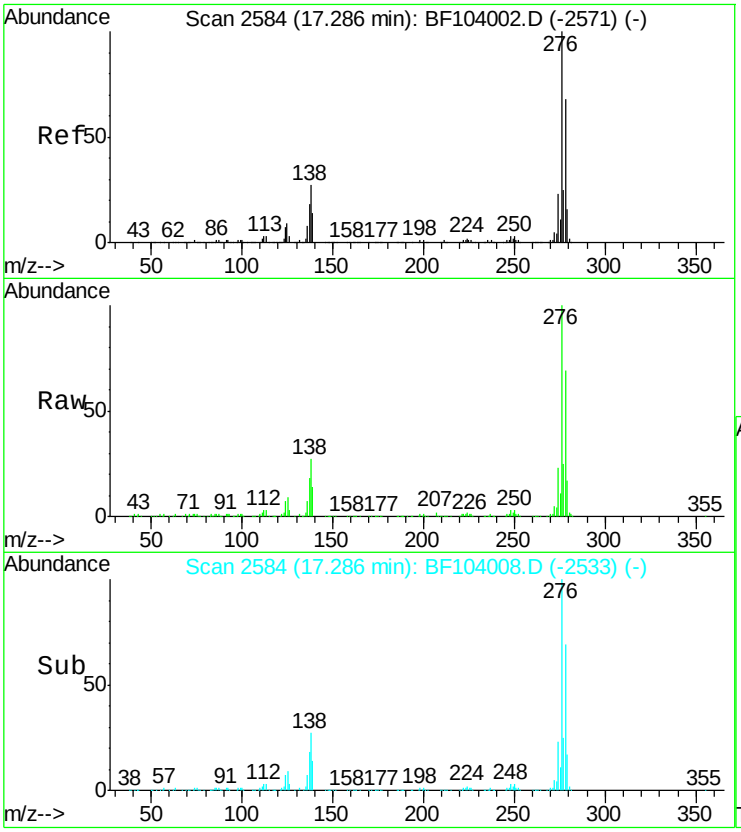


#84
Di-n-octyl phthalate
Concen: 38.075 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:149 Resp: 1110832

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	8.4	12.6#

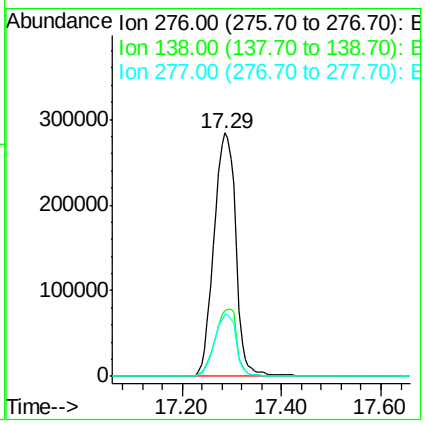




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.508 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:276 Resp: 874041

Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	25.3	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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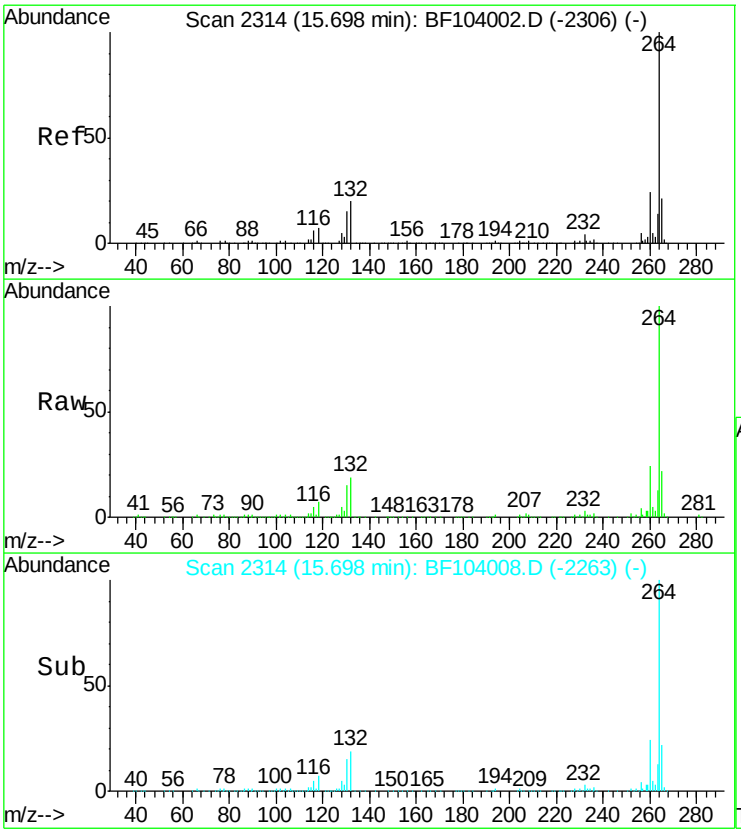
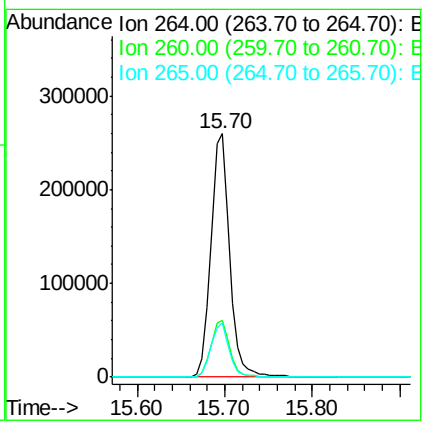
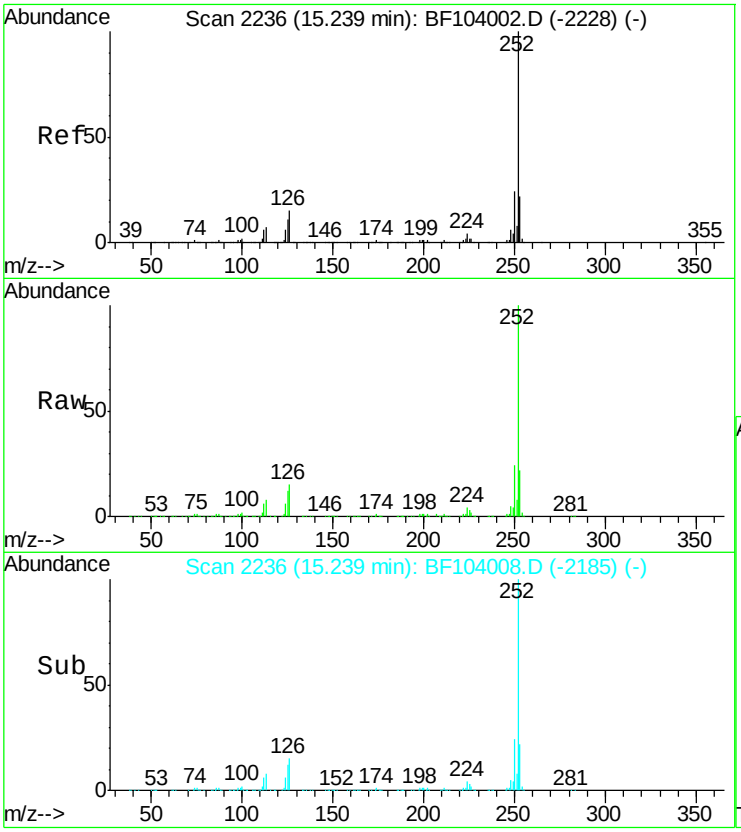


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:264 Resp: 387675

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.3	17.5	26.3

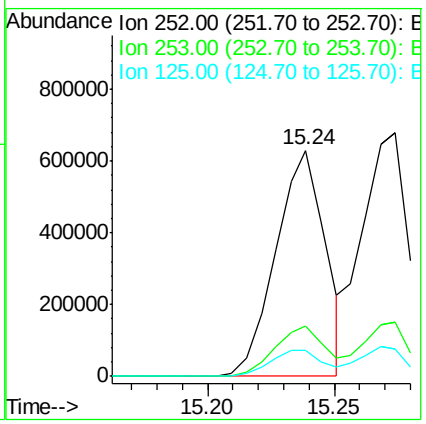




#87
Benzo(b)fluoranthene
Concen: 36.209 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:252 Resp: 854296

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	11.6	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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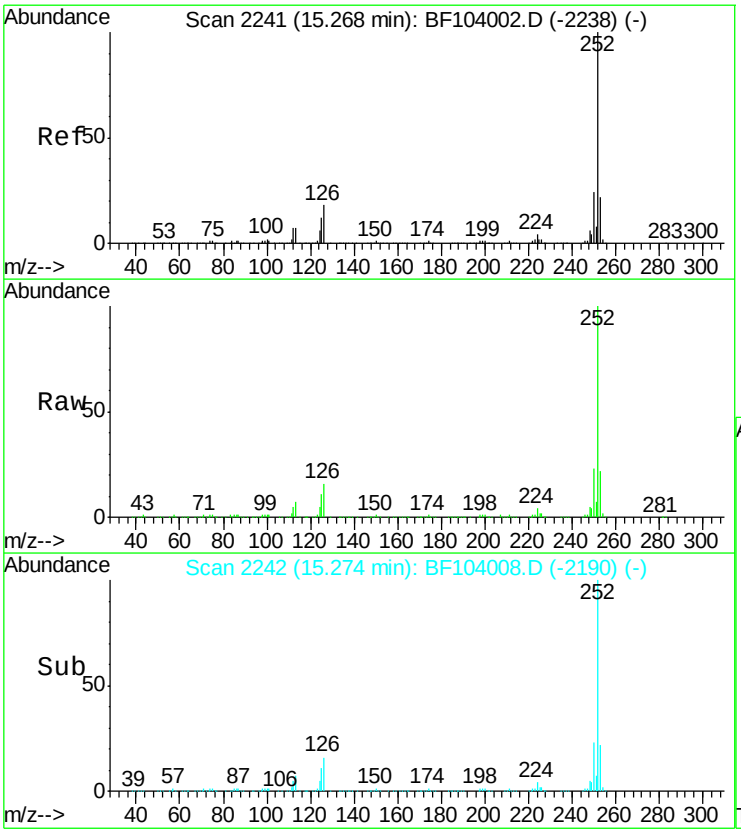
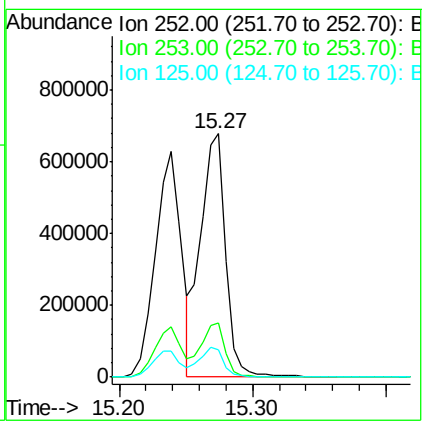
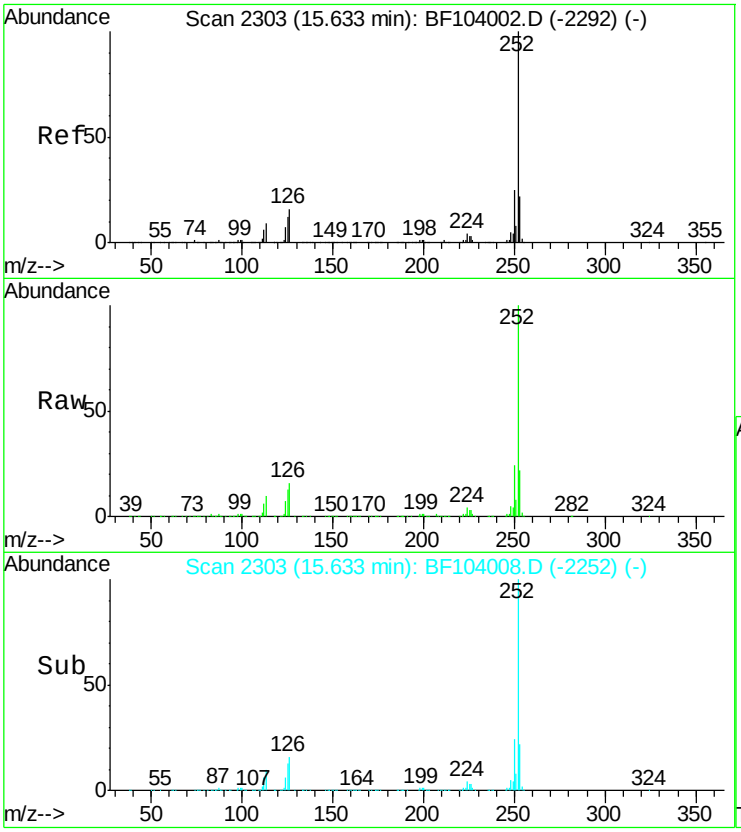


#88
Benzo(k)fluoranthene
Concen: 39.640 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:252 Resp: 880999

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.3	10.2	15.2

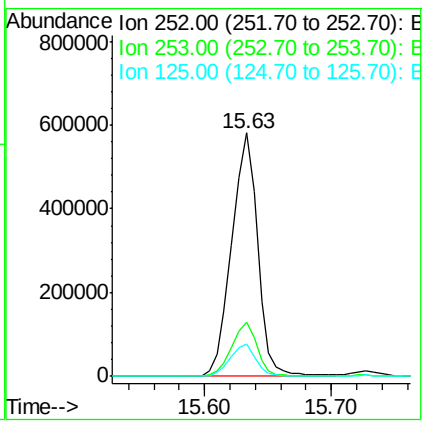




#89
Benzo(a)pyrene
Concen: 37.720 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:252 Resp: 824705

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.2	9.8	14.6



Instrument :
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ClientSampleId :
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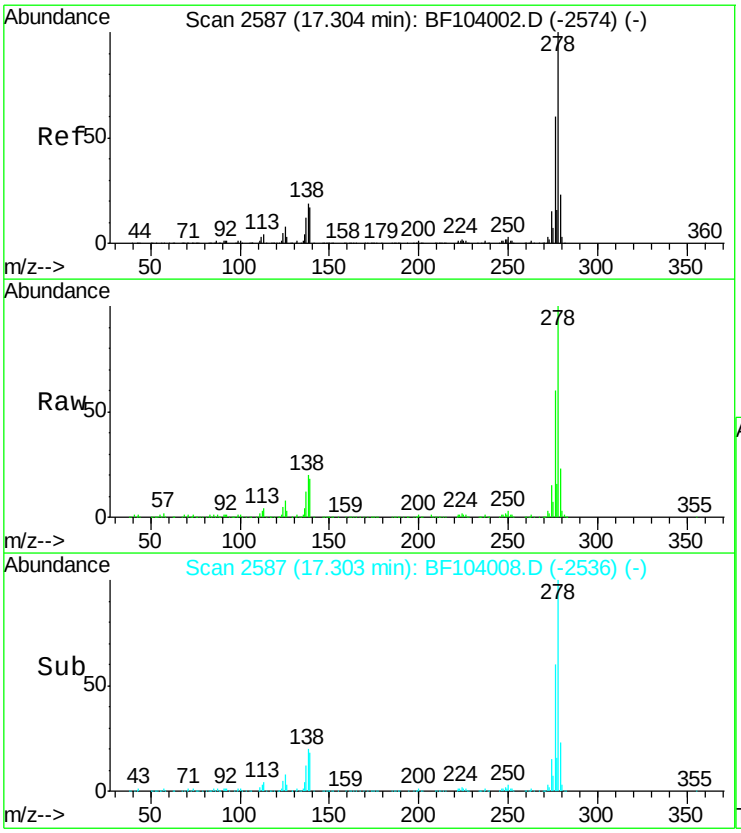
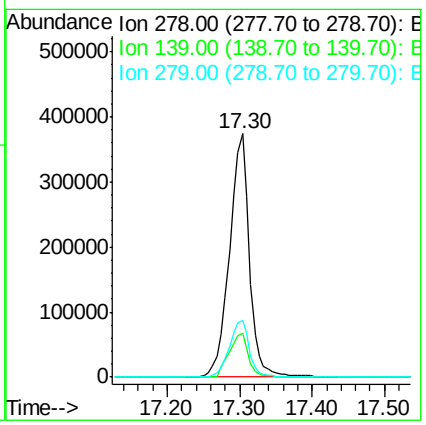
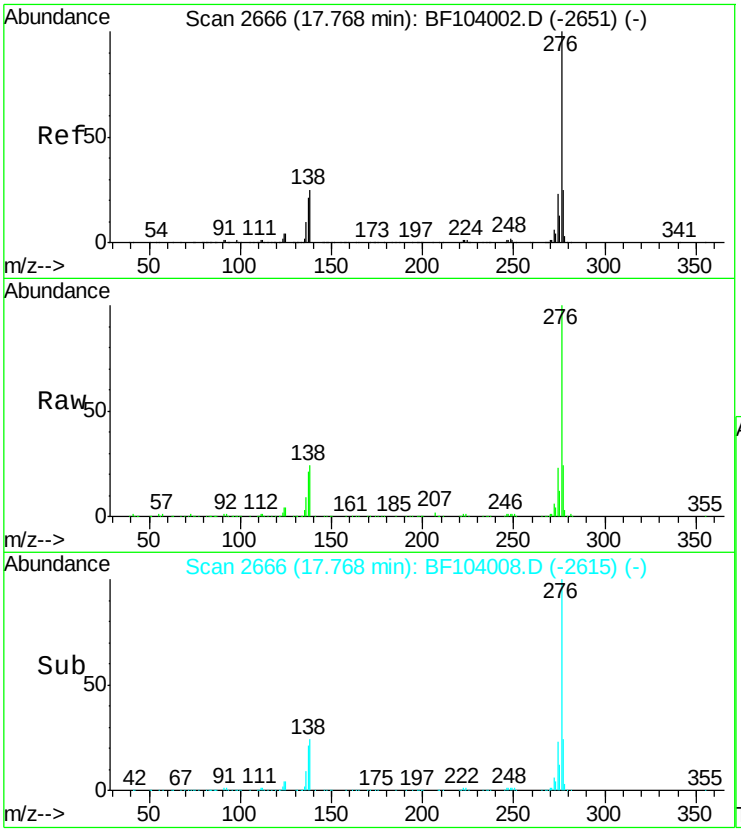


#90
Dibenzo(a,h)anthracene
Concen: 35.606 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:278 Resp: 719768

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	23.2	19.0	28.4

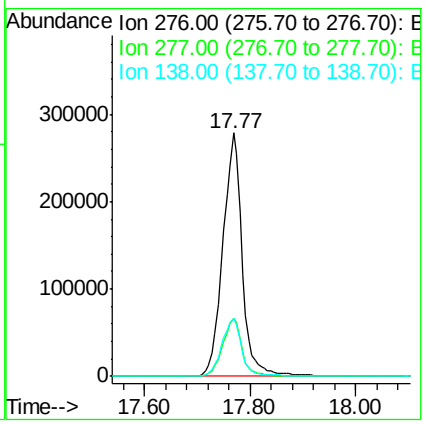




#91
Benzo(g,h,i)perylene
Concen: 34.928 ng
RT: 17.77 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BF104008.D
Acq: 28 Mar 2018 14:26

Tgt Ion:276 Resp: 707207

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	24.0	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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