Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032491.D
Acq On : 1 Feb 2018 15:49
Operator : SJ/JU
Sample : J1014-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-02-013118MSD

Quant Time: Feb 02 09:18:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26727	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	105172	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	79742	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	215147	20.00	ng		0.00
75) Chrysene-d12	22.41	240	270477	20.00	ng		0.00
86) Perylene-d12	26.09	264	299824	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	176122	132.36	ng		0.00
7) Phenol-d6	7.84	99	209418	117.94	ng		0.00
23) Nitrobenzene-d5	9.91	82	151461	89.95	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	219737	144.76	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	566665	84.46	ng		0.00
78) Terphenyl-d14	20.62	244	1233738	97.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	17084	38.159	ng	#	74
3) Pyridine	4.28	79	36580	30.259	ng	#	85
4) n-Nitrosodimethylamine	4.18	42	29930	47.561	ng	#	59
6) Aniline	8.01	93	36564	16.516	ng		90
8) 2-Chlorophenol	8.27	128	74004	47.049	ng		82
9) Benzaldehyde	7.81	77	23329	25.437	ng	#	82
10) Phenol	7.87	94	68283	40.494	ng		90
11) bis(2-Chloroethyl)ether	8.10	93	53098	41.327	ng		83
12) 1,3-Dichlorobenzene	8.59	146	87550	41.158	ng		93
13) 1,4-Dichlorobenzene	8.75	146	87758	41.162	ng		97
14) 1,2-Dichlorobenzene	9.08	146	85320	40.851	ng		98
15) Benzyl Alcohol	8.95	79	60532	41.363	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.23	45	50064	41.121	ng		65
17) 2-Methylphenol	9.16	107	56472	41.234	ng		96
18) Hexachloroethane	9.83	117	30418	42.494	ng	#	82
19) n-Nitroso-di-n-propylamine	9.52	70	47233	40.119	ng	#	91
20) 3+4-Methylphenols	9.49	107	78211	40.713	ng		92
22) Acetophenone	9.55	105	104124	42.235	ng	#	95
24) Nitrobenzene	9.95	77	72364	44.444	ng	#	89
25) Isophorone	10.47	82	136163	47.492	ng	#	83
26) 2-Nitrophenol	10.68	139	45282	46.006	ng	#	81
27) 2,4-Dimethylphenol	10.72	122	75809	53.662	ng		93
28) bis(2-Chloroethoxy)methane	10.96	93	73771	46.922	ng	#	93
29) 2,4-Dichlorophenol	11.23	162	94374	50.428	ng		87
30) 1,2,4-Trichlorobenzene	11.44	180	105382	42.249	ng		95
31) Naphthalene	11.64	128	295429	57.513	ng		99
33) 4-Chloroaniline	11.75	127	16654	7.269	ng	#	83
34) Hexachlorobutadiene	11.91	225	81290	41.888	ng		95
35) Caprolactam	12.49	113	21222	39.502	ng	#	50
36) 4-Chloro-3-methylphenol	12.82	107	90027	50.715	ng		90
37) 2-Methylnaphthalene	13.21	142	198321	45.957	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	151582	40.632	ng	#	97
40) Hexachlorocyclopentadiene	13.54	237	169344	72.652	ng		92
42) 2,4,6-Trichlorophenol	13.79	196	94919	46.777	ng		100

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Operator : SJ/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-02-013118MSD

Quant Time: Feb 02 09:18:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.87	196	107907	45.617	ng	#	91
45) 1,1'-Biphenyl	14.19	154	283309	42.053	ng		94
46) 2-Chloronaphthalene	14.24	162	224378	42.493	ng		98
47) 2-Nitroaniline	14.43	65	52961	45.355	ng	#	70
48) Acenaphthylene	15.07	152	336501	42.154	ng		97
49) Dimethylphthalate	14.78	163	319901	43.509	ng	#	98
50) 2,6-Dinitrotoluene	14.91	165	70682	45.802	ng	#	78
51) Acenaphthene	15.41	154	222895	40.262	ng		97
52) 3-Nitroaniline	15.25	138	27990	20.765	ng	#	61
53) 2,4-Dinitrophenol	15.44	184	16237	20.095	ng	#	81
54) Dibenzofuran	15.74	168	369770	45.127	ng		99
55) 4-Nitrophenol	15.54	139	69071	68.446	ng	#	75
56) 2,4-Dinitrotoluene	15.69	165	103671	47.182	ng	#	68
57) Fluorene	16.39	166	303816	44.620	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	113209	48.524	ng	#	84
59) Diethylphthalate	16.12	149	318866	44.528	ng		97
60) 4-Chlorophenyl-phenylether	16.36	204	190720	44.419	ng		96
61) 4-Nitroaniline	16.40	138	58932	40.791	ng	#	77
62) Azobenzene	16.66	77	193669	45.255	ng		87
64) 4,6-Dinitro-2-methylphenol	16.45	198	22166	13.791	ng	#	73
65) n-Nitrosodiphenylamine	16.58	169	287583	44.790	ng		98
66) 4-Bromophenyl-phenylether	17.25	248	145063	45.512	ng		97
67) Hexachlorobenzene	17.38	284	152237	43.160	ng	#	89
68) Atrazine	17.50	200	132655	48.128	ng		99
69) Pentachlorophenol	17.72	266	97341	44.053	ng		96
70) Phenanthrene	18.12	178	544817	45.409	ng		99
71) Anthracene	18.22	178	549382	45.986	ng		98
72) Carbazole	18.48	167	483630	45.818	ng		100
73) Di-n-butylphthalate	18.98	149	544795	46.617	ng		99
74) Fluoranthene	20.09	202	723257	45.966	ng		96
76) Benzidine	20.25	184	87899	16.550	ng		97
77) Pyrene	20.44	202	729261	43.959	ng		99
79) Butylbenzylphthalate	21.30	149	248861	47.559	ng	#	76
80) Benzo(a)anthracene	22.39	228	787167	46.944	ng		99
81) 3,3'-Dichlorobenzidine	22.28	252	108780	16.744	ng	#	99
82) Chrysene	22.47	228	734427	45.353	ng		98
83) Bis(2-ethylhexyl)phthalate	22.23	149	352096	47.456	ng	#	98
84) Di-n-octyl phthalate	23.59	149	613332	52.118	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	992421	48.445	ng	#	84
87) Benzo(b)fluoranthene	24.91	252	831898	45.920	ng	#	95
88) Benzo(k)fluoranthene	24.99	252	831559	46.336	ng	#	96
89) Benzo(a)pyrene	25.91	252	815807	47.236	ng	#	94
90) Dibenzo(a,h)anthracene	30.43	278	835502	47.290	ng	#	94
91) Benzo(g,h,i)perylene	31.69	276	797789	45.492	ng	#	90

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

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Misc :
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Instrument :
BNA_G
ClientSampleId :
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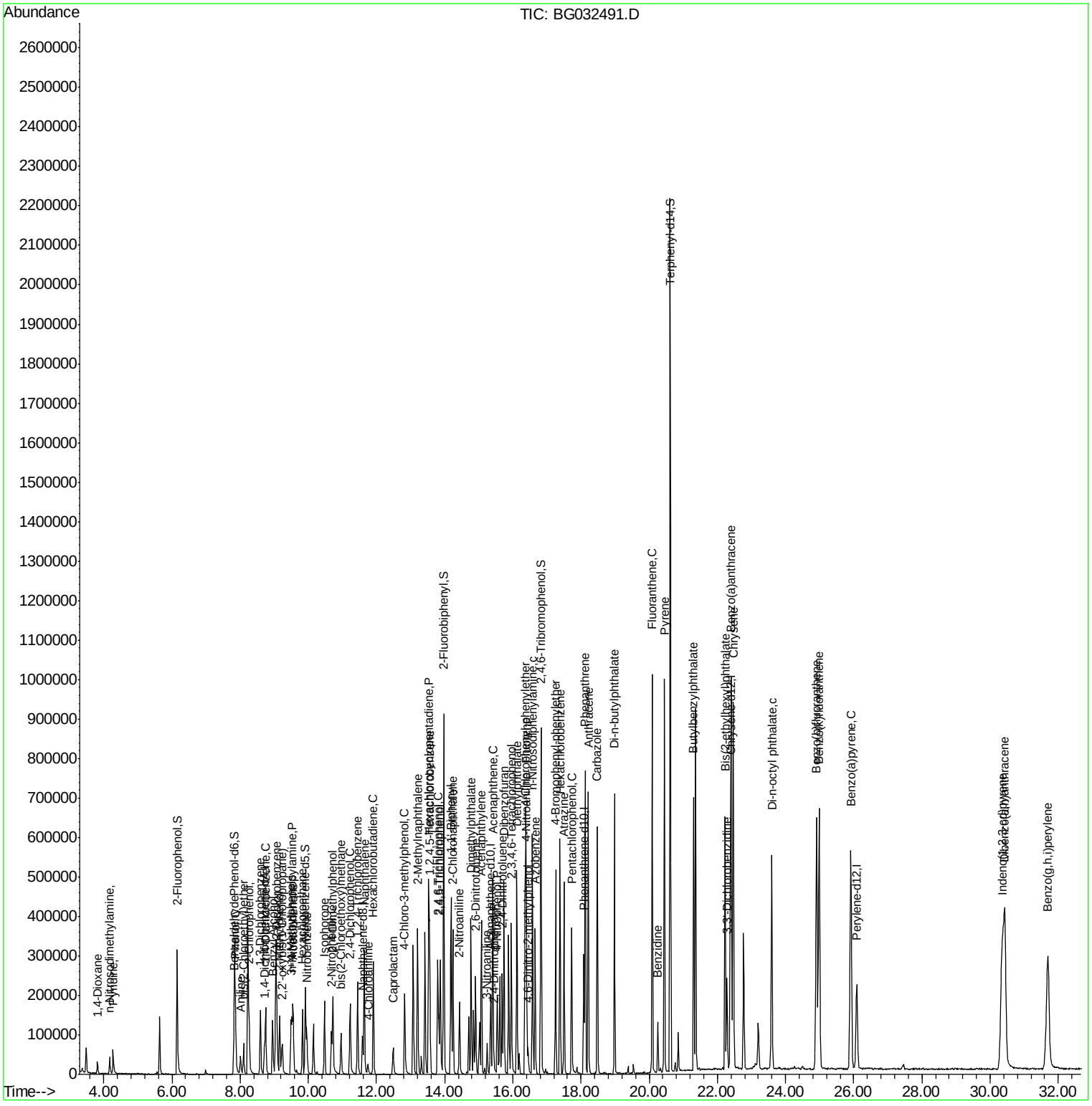
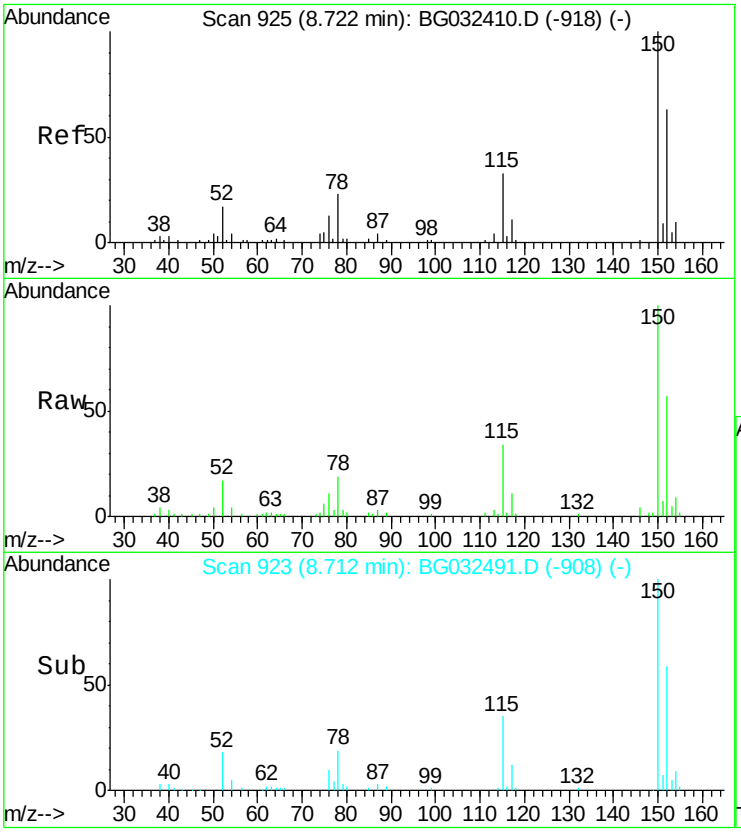


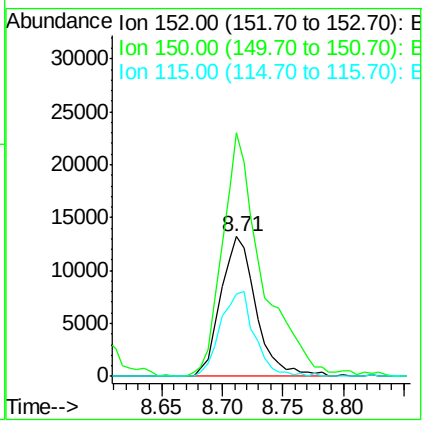


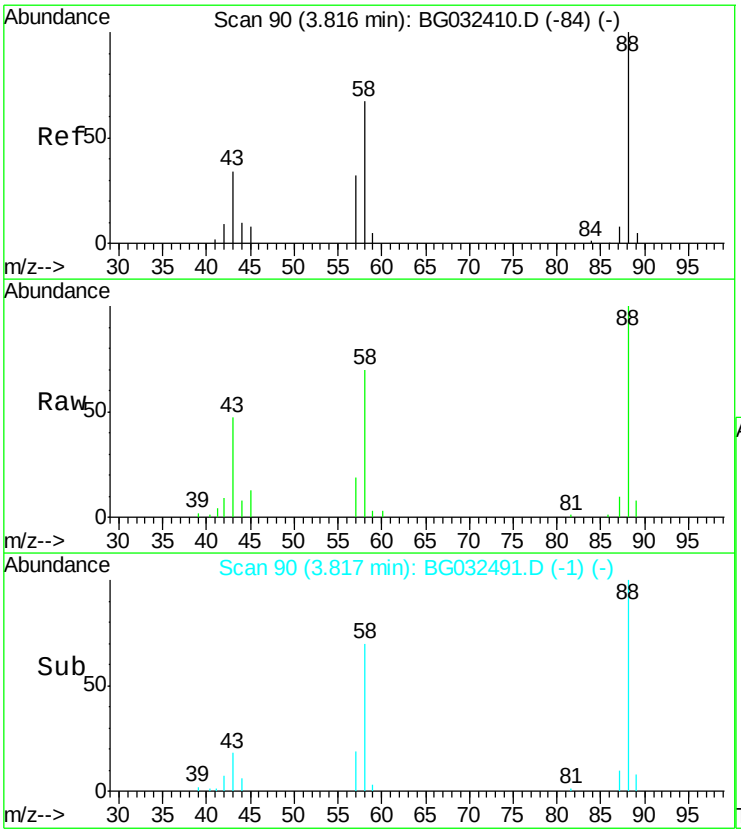
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:152 Resp: 26727

Ion	Ratio	Lower	Upper
152	100		
150	174.5	126.6	189.8
115	58.9	53.0	79.4

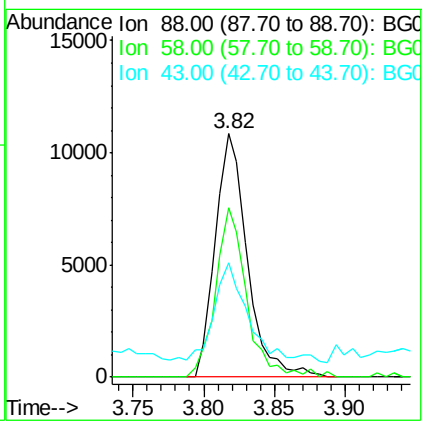


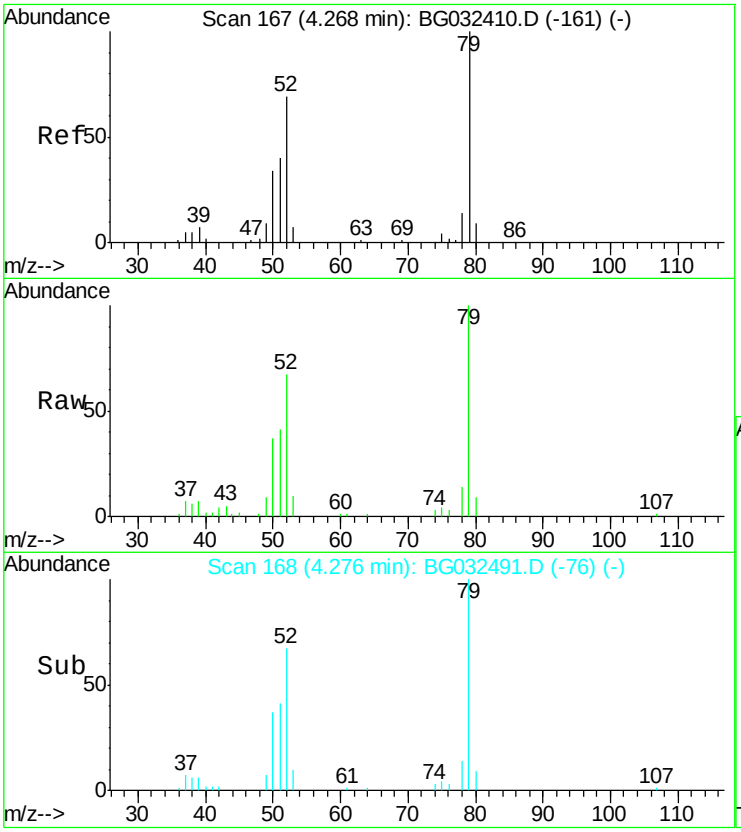


#2
1,4-Dioxane
Concen: 38.159 ng
RT: 3.82 min Scan# 90
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 88 Resp: 17084

Ion	Ratio	Lower	Upper
88	100		
58	67.6	79.6	119.4#
43	40.0	27.4	41.0



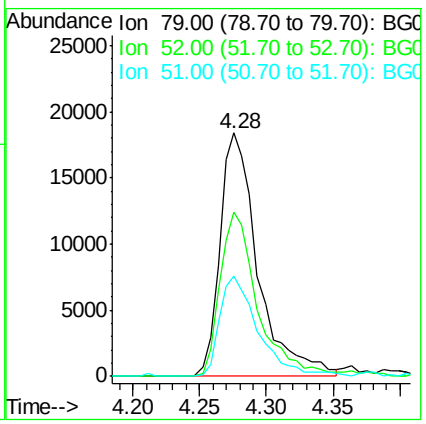


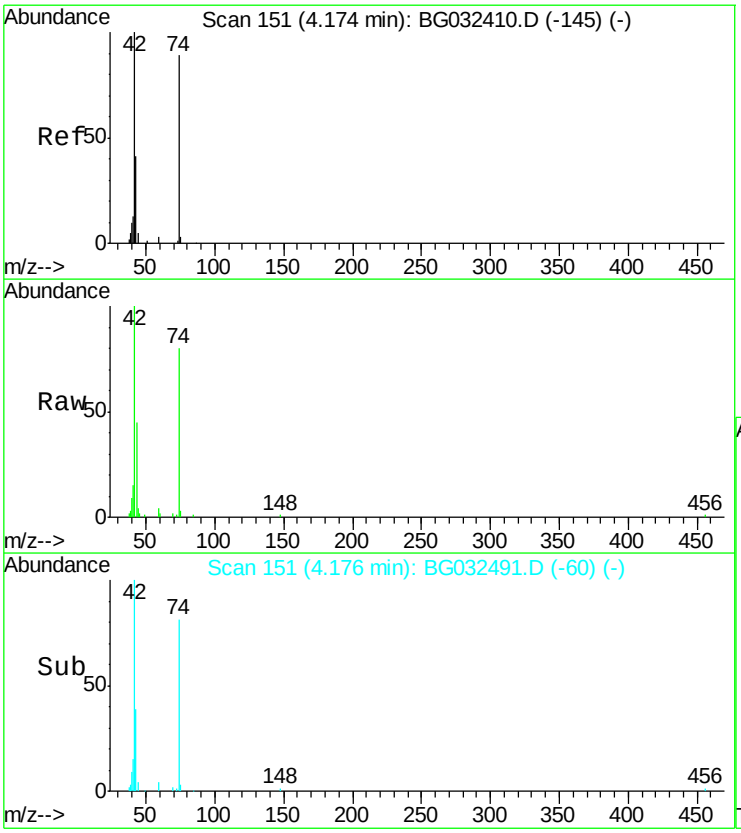
#3
Pyridine
Concen: 30.259 ng
RT: 4.28 min Scan# 168
Delta R.T. 0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion: 79 Resp: 36580

Ion	Ratio	Lower	Upper
79	100		
52	67.5	69.9	104.9#
51	41.1	34.0	51.0

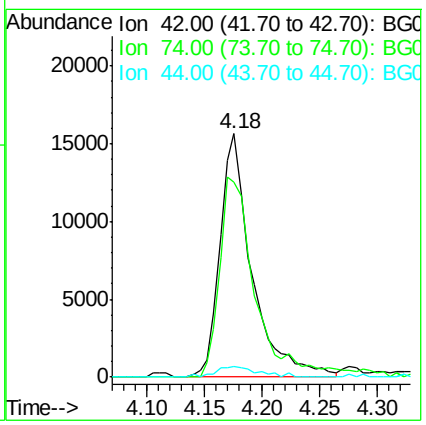


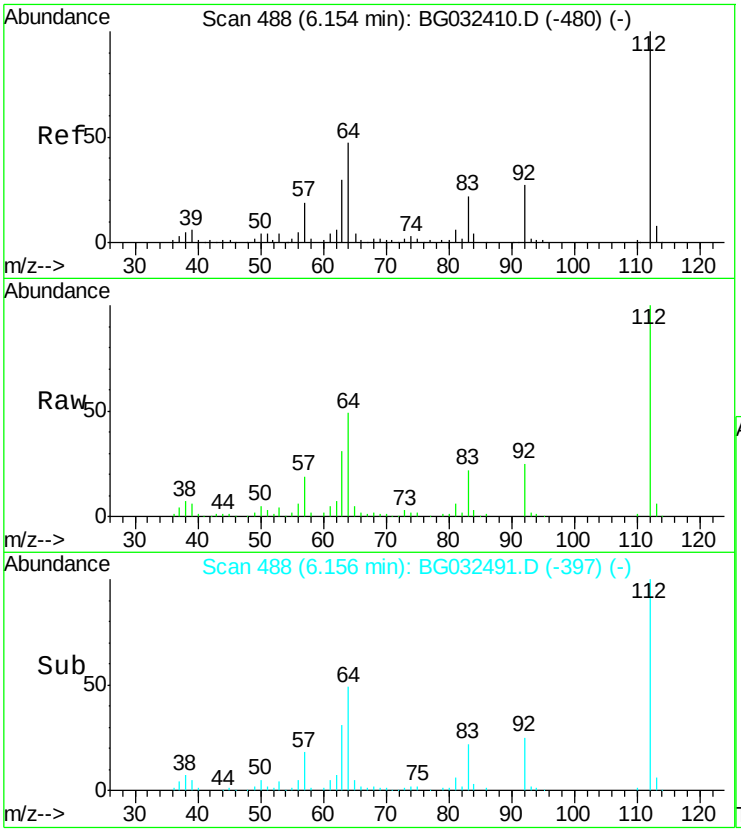


#4
n-Nitrosodimethylamine
Concen: 47.561 ng
RT: 4.18 min Scan# 151
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 42 Resp: 29930

Ion	Ratio	Lower	Upper
42	100		
74	80.1	102.5	153.7#
44	4.4	18.9	28.3#



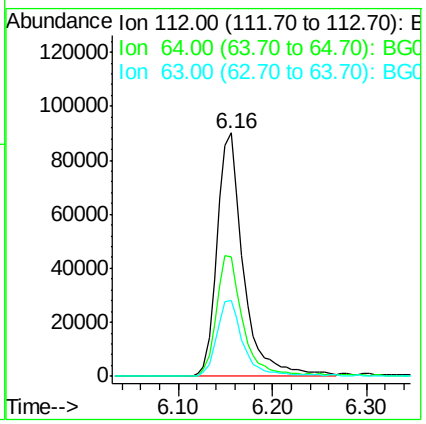


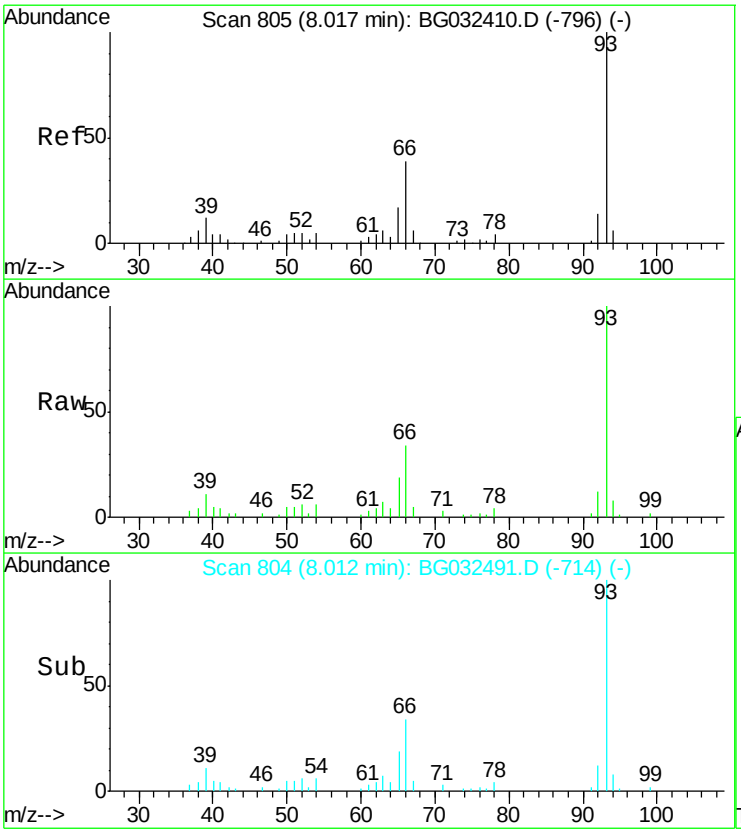
#5
2-Fluorophenol
Concen: 132.357 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:112 Resp: 176122

Ion	Ratio	Lower	Upper
112	100		
64	49.2	56.3	84.5#
63	31.2	30.1	45.1

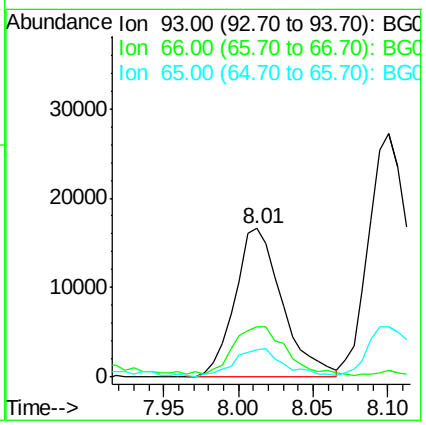


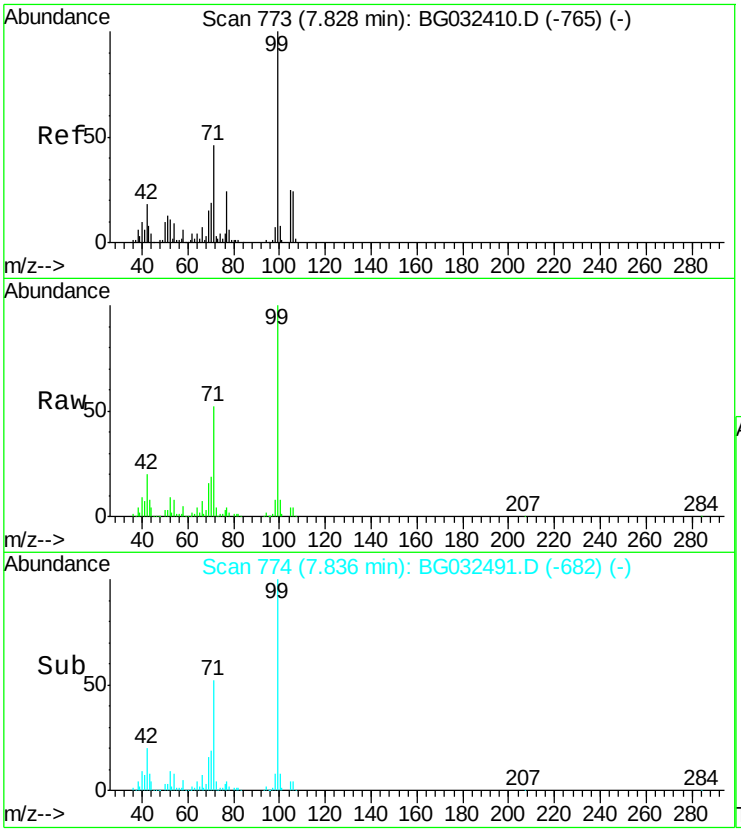


#6
Aniline
Concen: 16.516 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 93 Resp: 36564

Ion	Ratio	Lower	Upper
93	100		
66	34.0	33.7	50.5
65	18.7	16.1	24.1



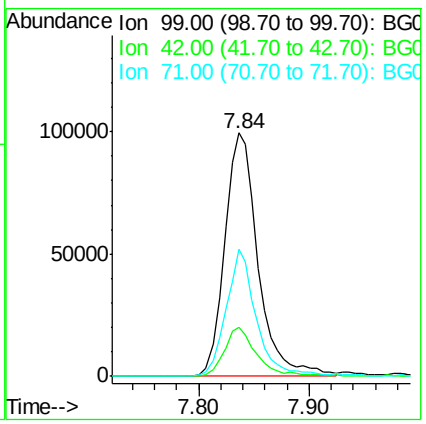


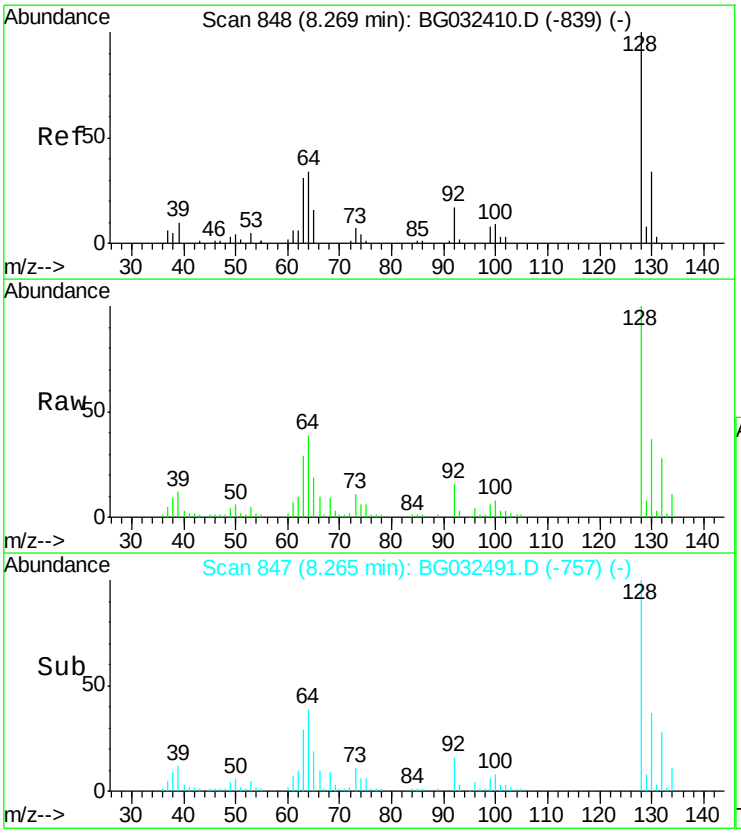
#7
Phenol-d6
Concen: 117.939 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion: 99 Resp: 209418

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.1	21.1
71	52.0	26.1	39.1#

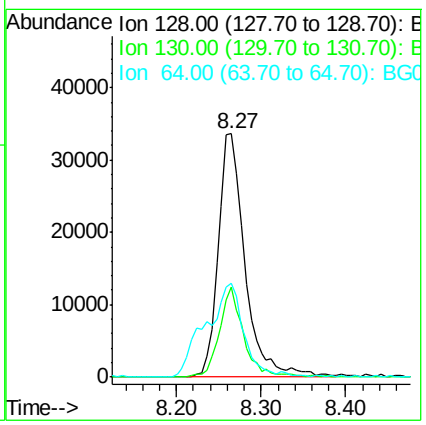


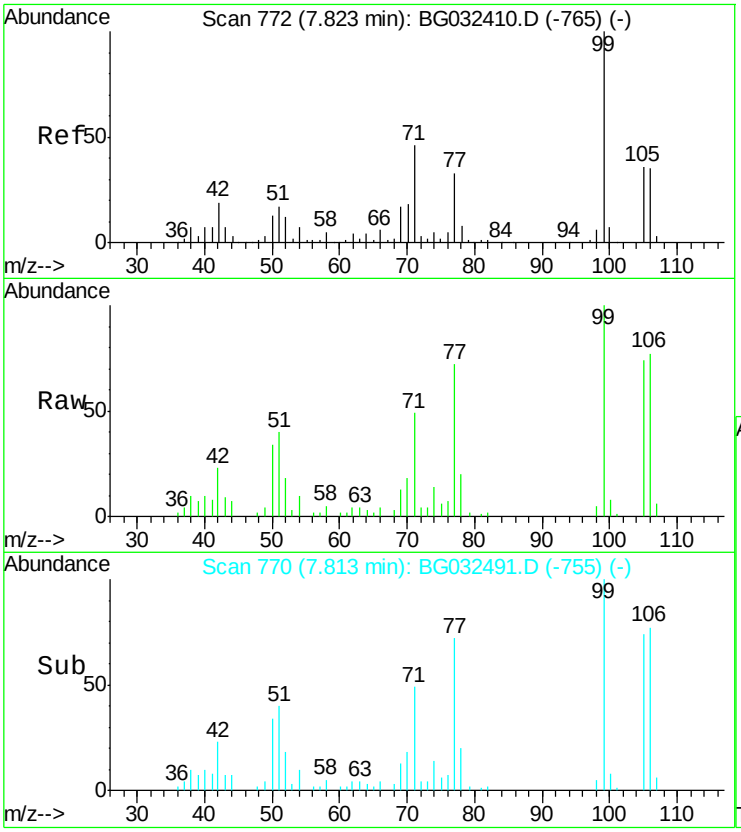


#8
2-Chlorophenol
Concen: 47.049 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:128 Resp: 74004

Ion	Ratio	Lower	Upper
128	100		
130	37.0	14.0	54.0
64	38.7	37.7	77.7



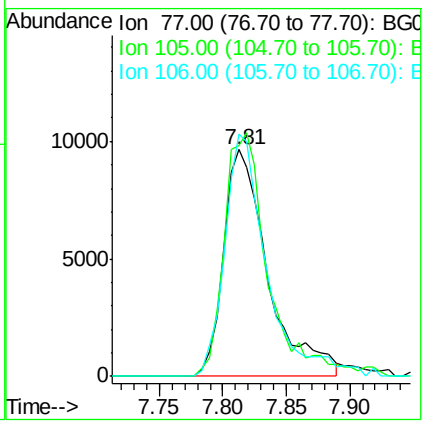


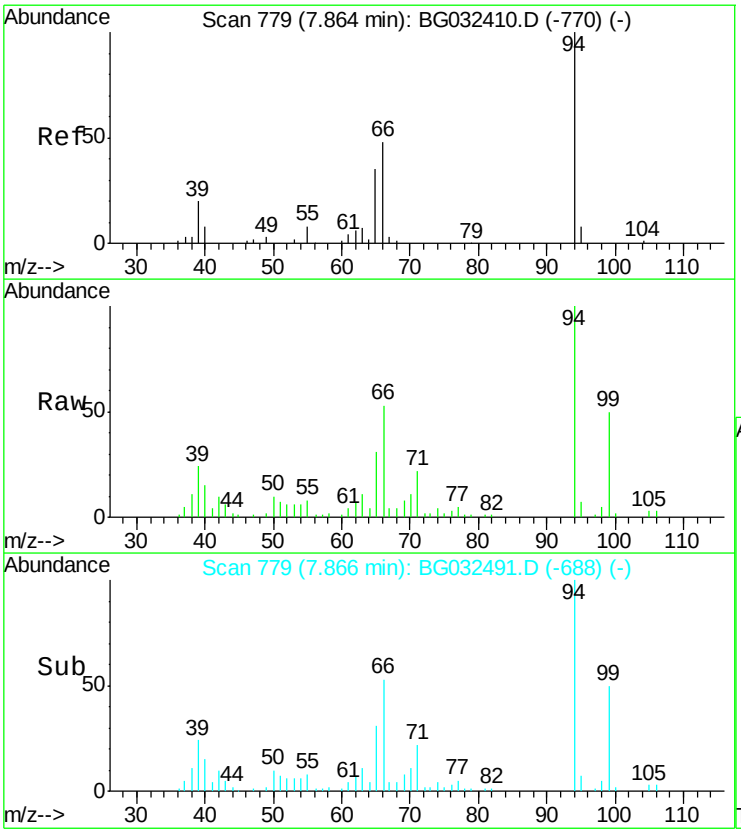
#9
Benzaldehyde
Concen: 25.437 ng
RT: 7.81 min Scan# 770
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion: 77 Resp: 23329

Ion	Ratio	Lower	Upper
77	100		
105	102.2	71.3	111.3
106	107.1	64.2	104.2#

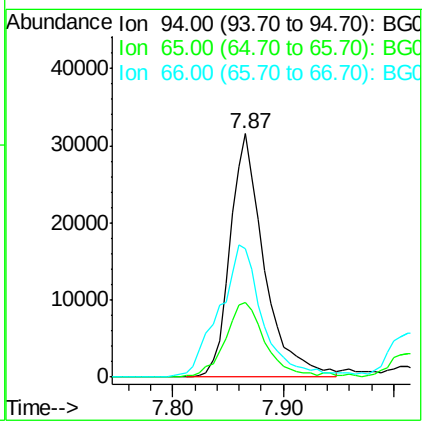


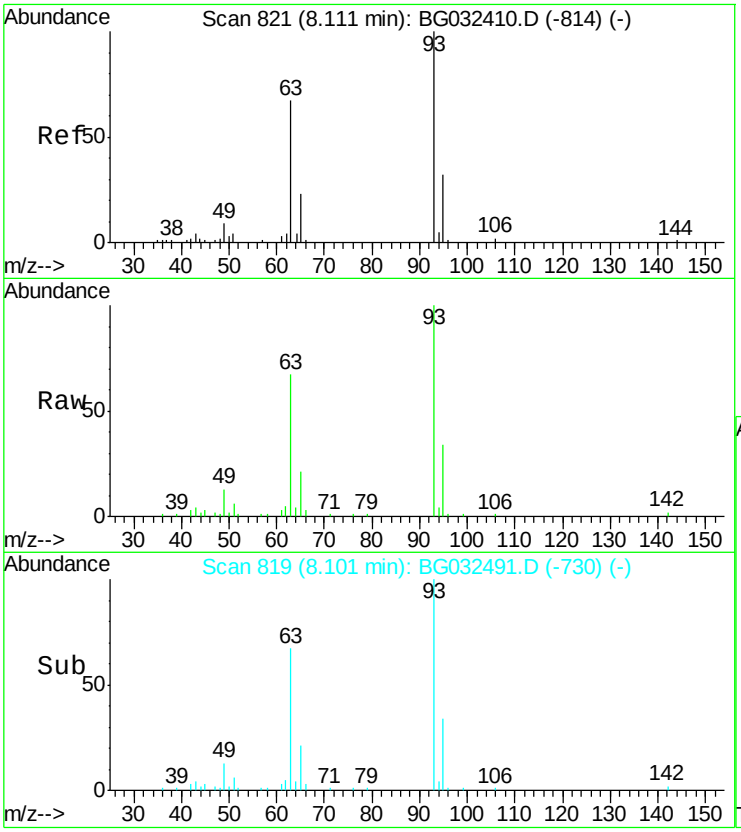


#10
Phenol
Concen: 40.494 ng
RT: 7.87 min Scan# 779
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 94 Resp: 68283

Ion	Ratio	Lower	Upper
94	100		
65	30.9	11.9	51.9
66	52.5	22.2	62.2



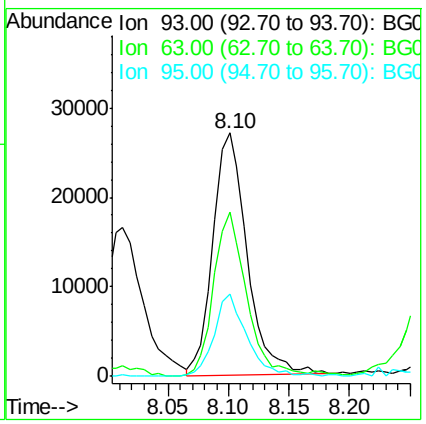


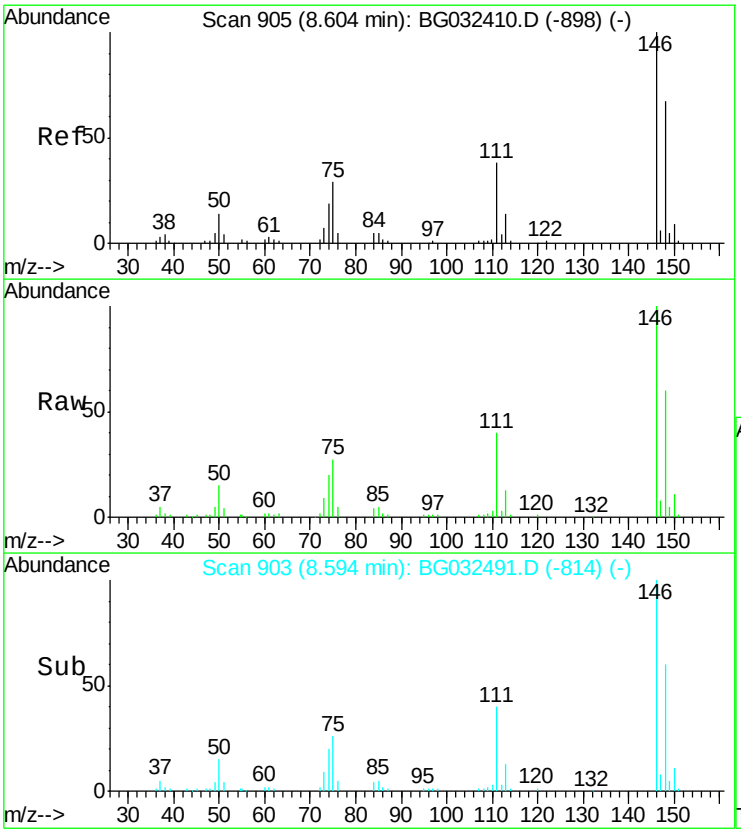
#11
bis(2-Chloroethyl)ether
Concen: 41.327 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion: 93 Resp: 53098

Ion	Ratio	Lower	Upper
93	100		
63	67.4	67.1	107.1
95	33.8	11.5	51.5

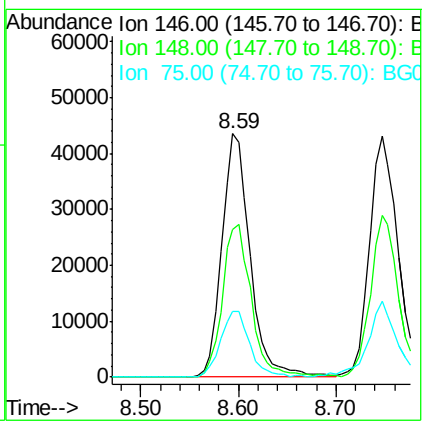


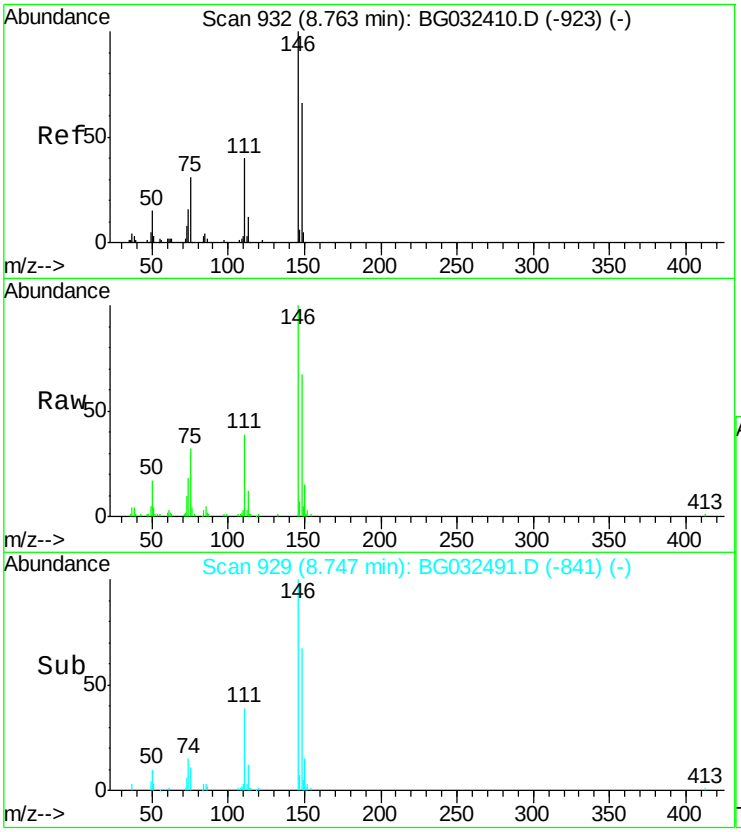


#12
1,3-Dichlorobenzene
Concen: 41.158 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:146 Resp: 87550

Ion	Ratio	Lower	Upper
146	100		
148	60.5	51.4	77.2
75	26.8	26.6	39.8



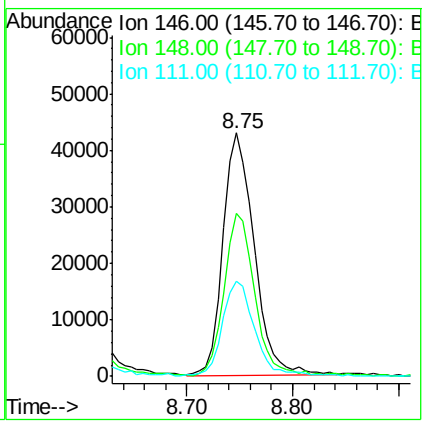


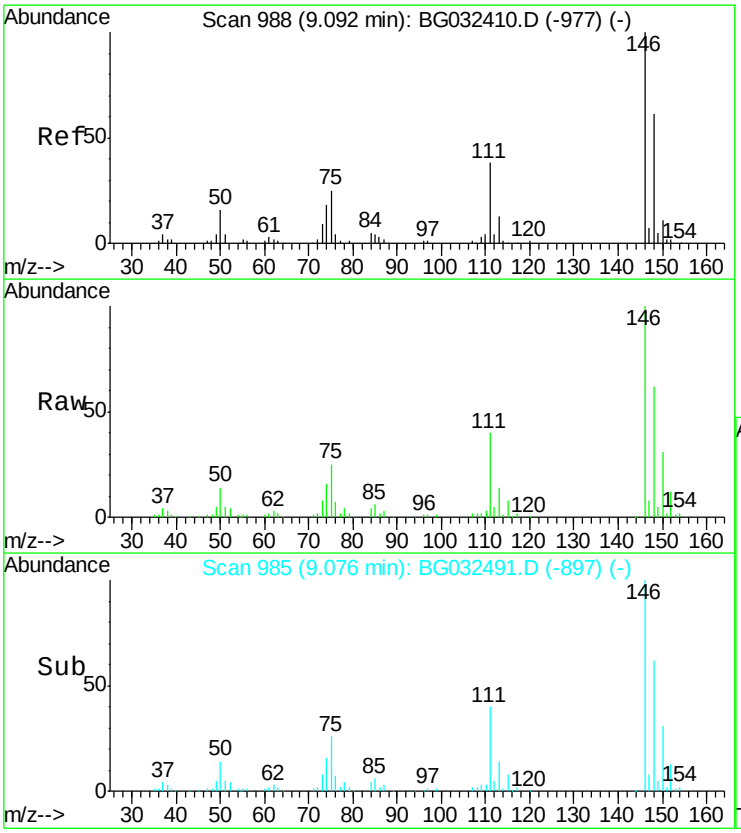
#13
1,4-Dichlorobenzene
Concen: 41.162 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.02 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument : BNA_G
ClientSampleId : HD-02-013118MSD

Tgt Ion:146 Resp: 87758

Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.7	80.5
111	38.9	35.2	52.8

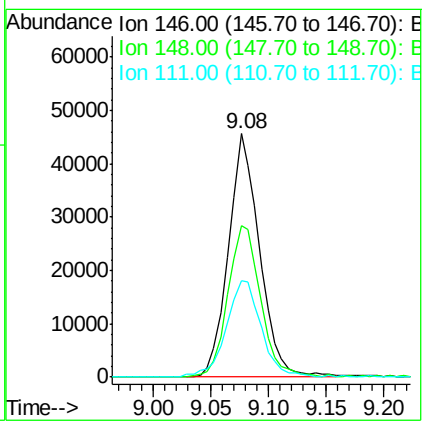


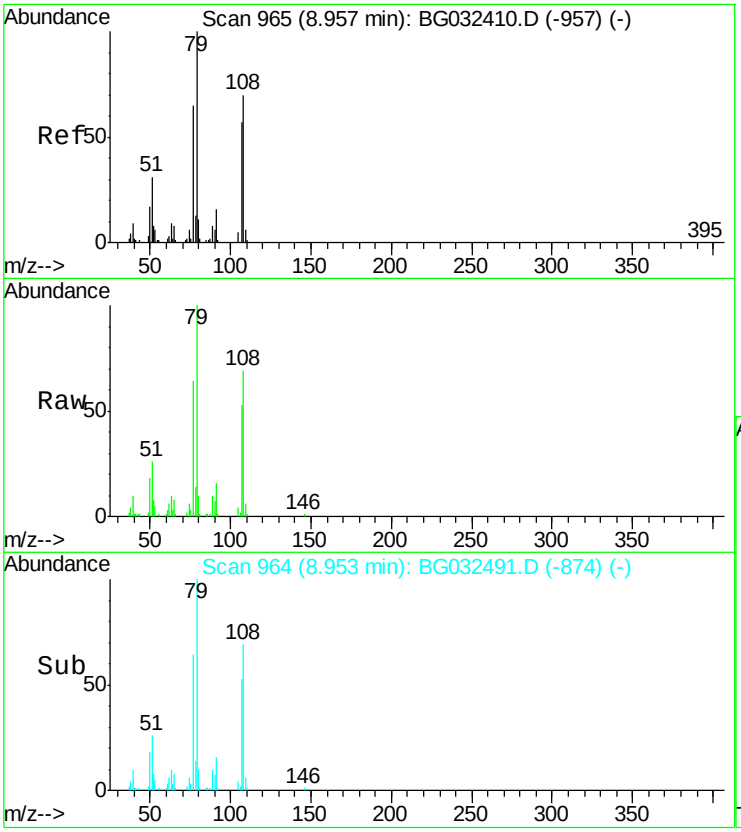


#14
1,2-Dichlorobenzene
Concen: 40.851 ng
RT: 9.08 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:146 Resp: 85320

Ion	Ratio	Lower	Upper
146	100		
148	62.0	49.3	73.9
111	39.8	34.3	51.5



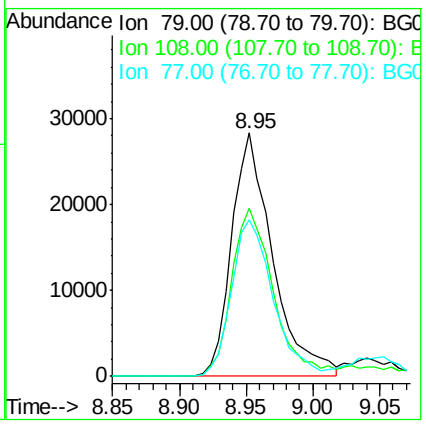


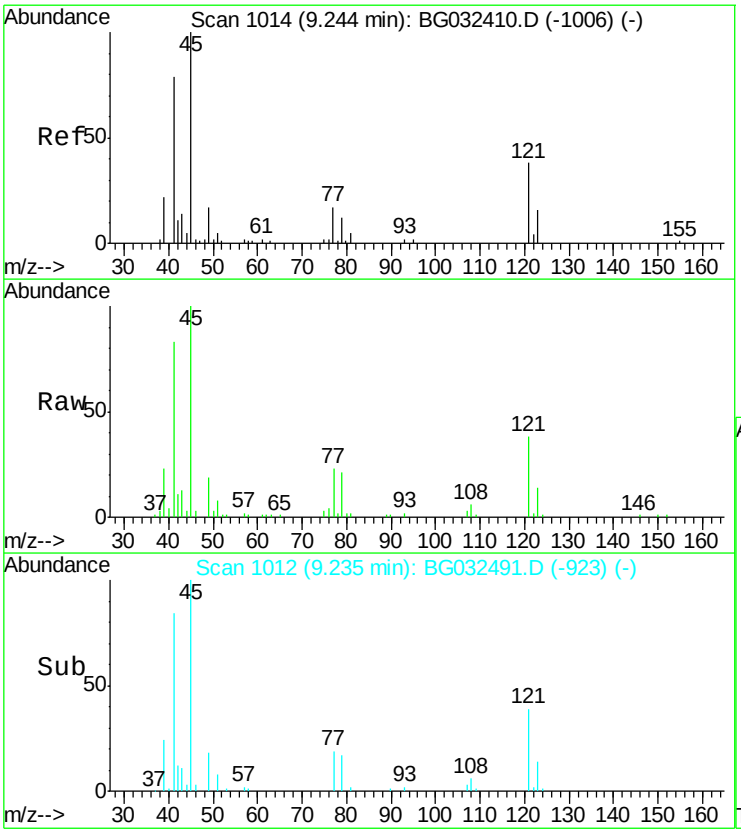
#15
Benzyl Alcohol
Concen: 41.363 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion: 79 Resp: 60532

Ion	Ratio	Lower	Upper
79	100		
108	69.2	57.2	85.8
77	64.4	46.1	69.1

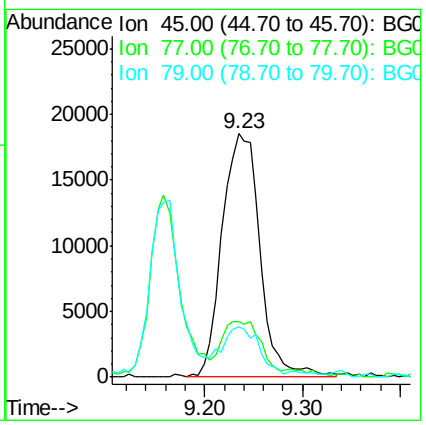


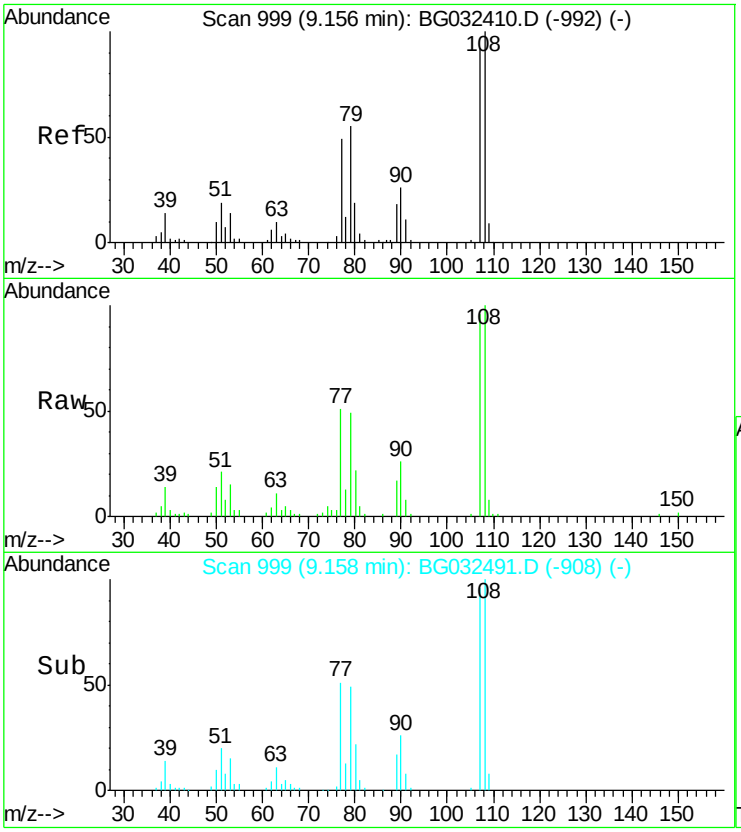


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.121 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 45 Resp: 50064

Ion	Ratio	Lower	Upper
45	100		
77	22.6	0.0	30.2
79	20.6	0.0	27.9



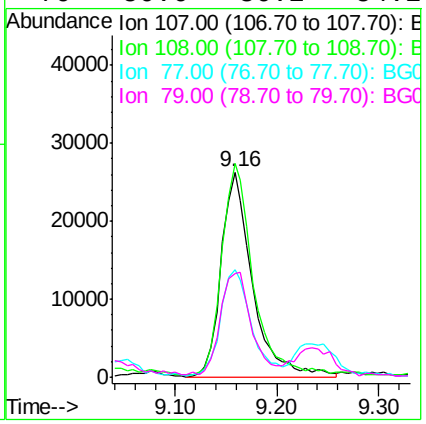


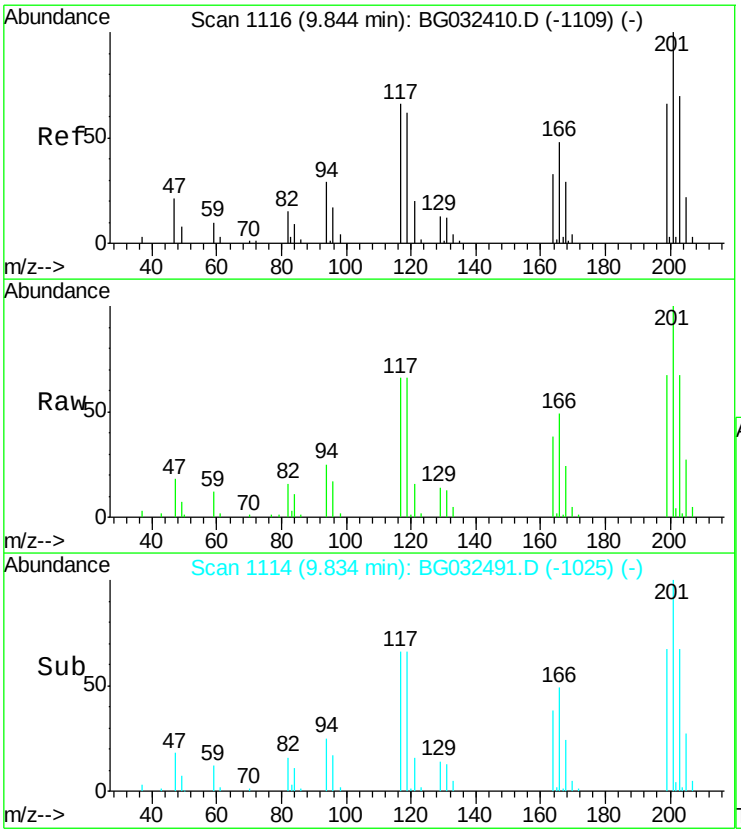
#17
2-Methylphenol
Concen: 41.234 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:107 Resp: 56472

Ion	Ratio	Lower	Upper
107	100		
108	104.2	83.9	125.9
77	52.7	37.2	55.8
79	50.6	36.2	54.2

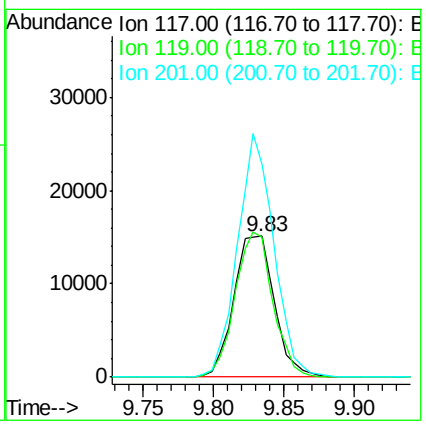


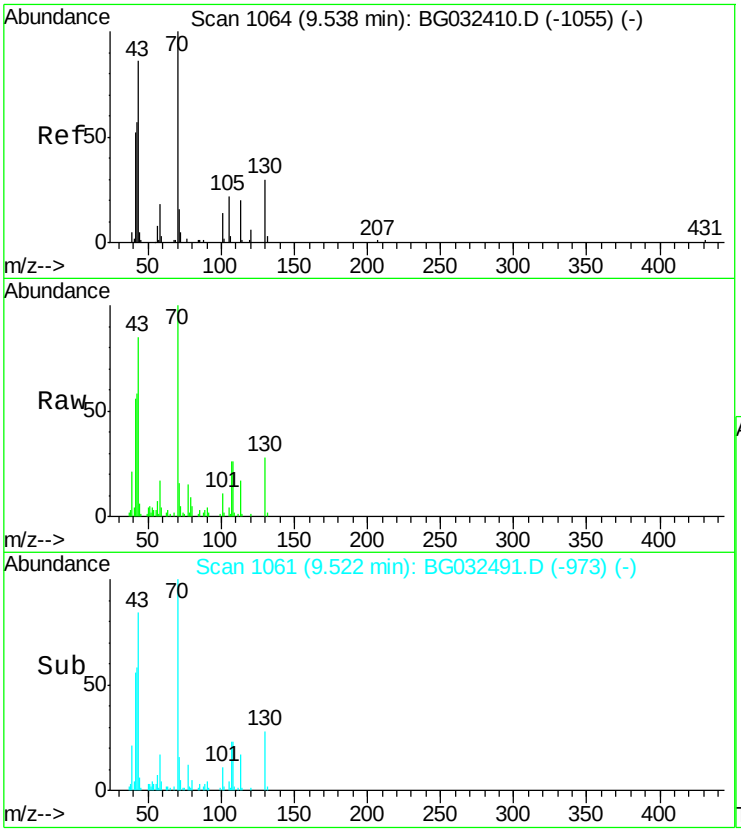


#18
Hexachloroethane
Concen: 42.494 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:117 Resp: 30418

Ion	Ratio	Lower	Upper
117	100		
119	99.5	76.7	115.1
201	151.5	95.7	143.5#



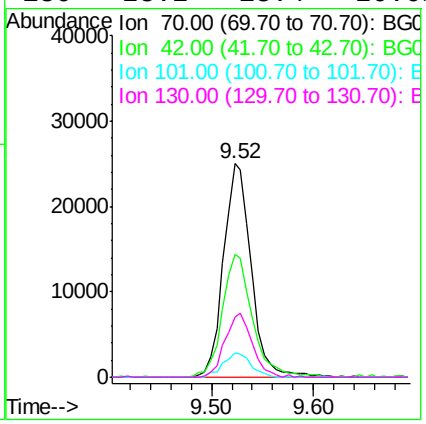


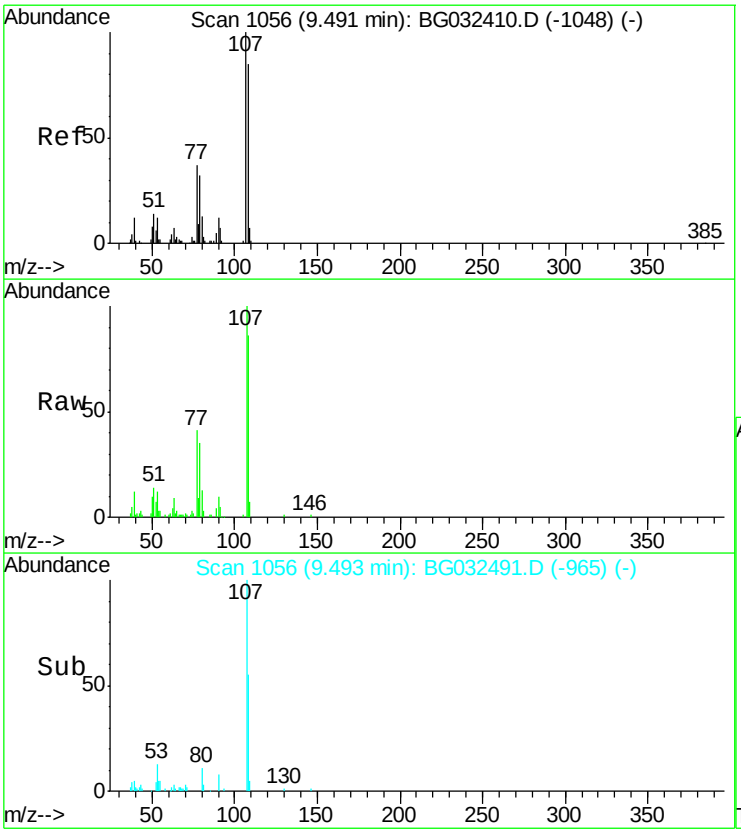
#19
n-Nitroso-di-n-propylamine
Concen: 40.119 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion: 70 Resp: 47233

Ion	Ratio	Lower	Upper
70	100		
42	57.8	49.1	73.7
101	11.4	8.5	12.7
130	28.2	13.4	20.0#

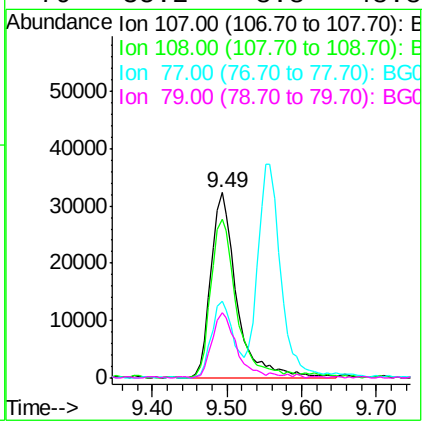


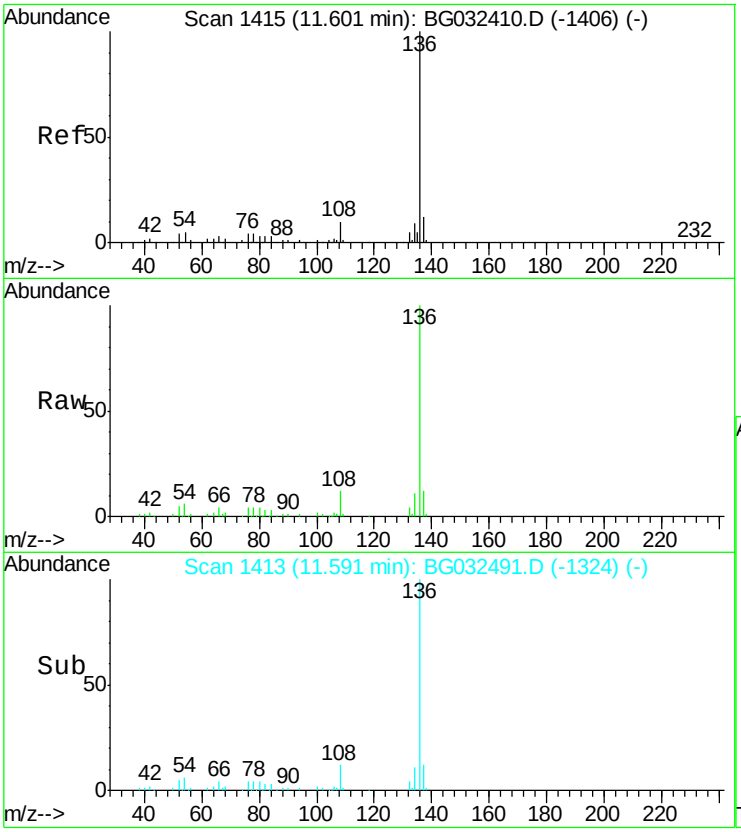


#20
3+4-Methylphenols
Concen: 40.713 ng
RT: 9.49 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:107 Resp: 78211

Ion	Ratio	Lower	Upper
107	100		
108	85.7	61.6	101.6
77	41.1	13.9	53.9
79	35.2	8.8	48.8



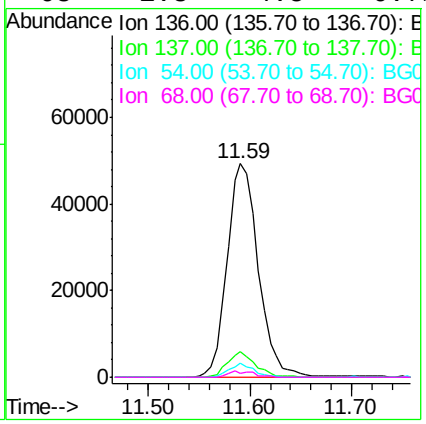


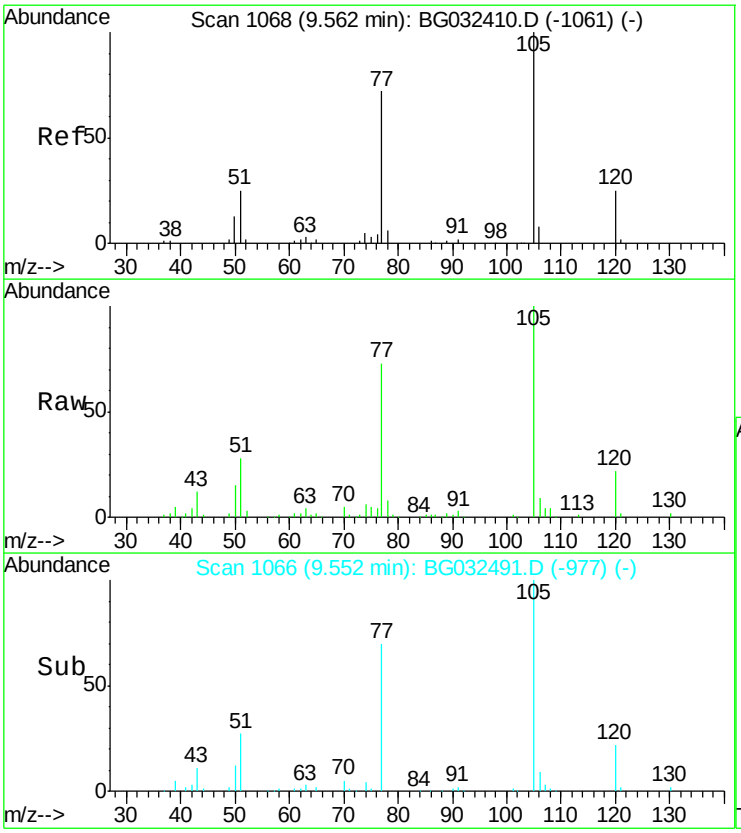
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:136 Resp: 105172

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	6.4	10.3	15.5#
68	1.8	4.5	6.7#

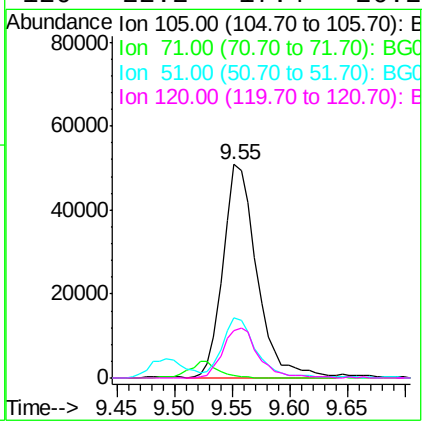


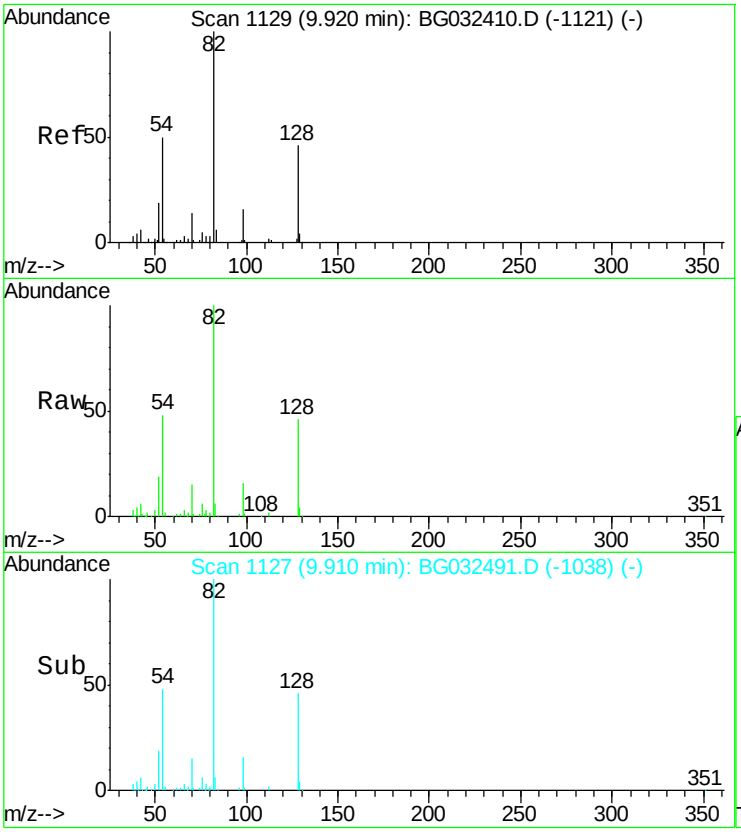


#22
Acetophenone
Concen: 42.235 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:105 Resp: 104124

Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.0	4.4#
51	28.4	26.1	39.1
120	22.2	17.4	26.2



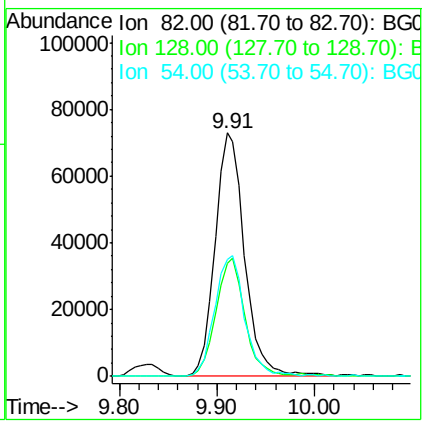


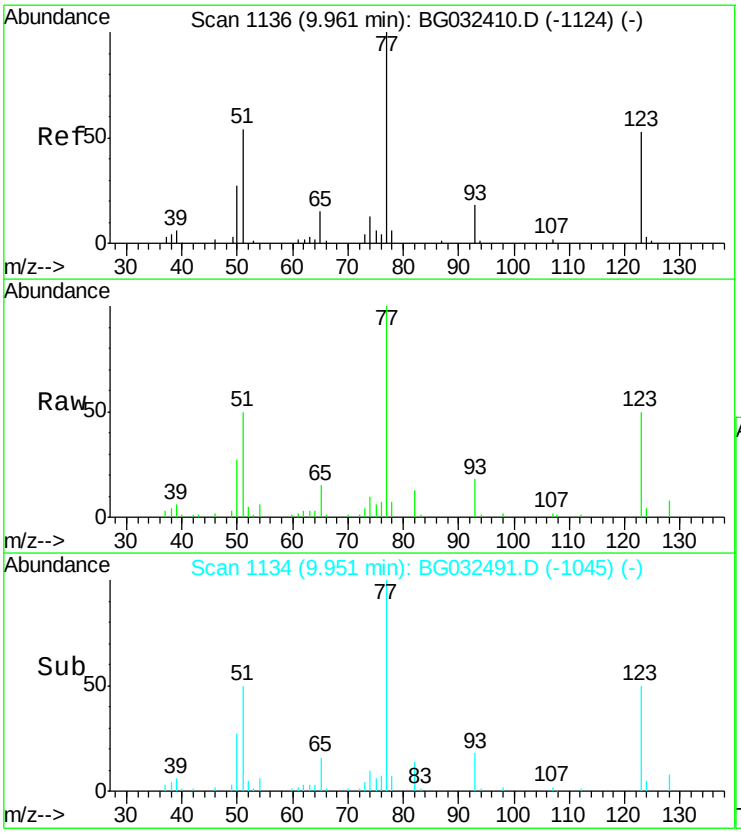
#23
Nitrobenzene-d5
Concen: 89.951 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion: 82 Resp: 151461

Ion	Ratio	Lower	Upper
82	100		
128	46.3	29.7	44.5#
54	48.1	43.1	64.7

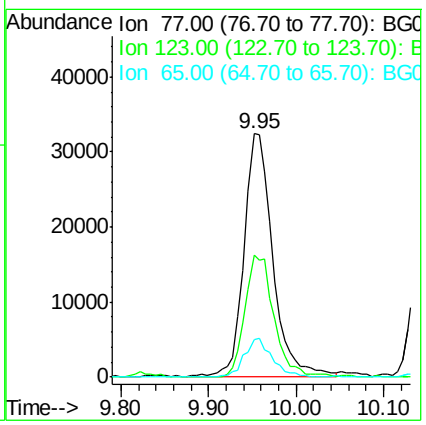


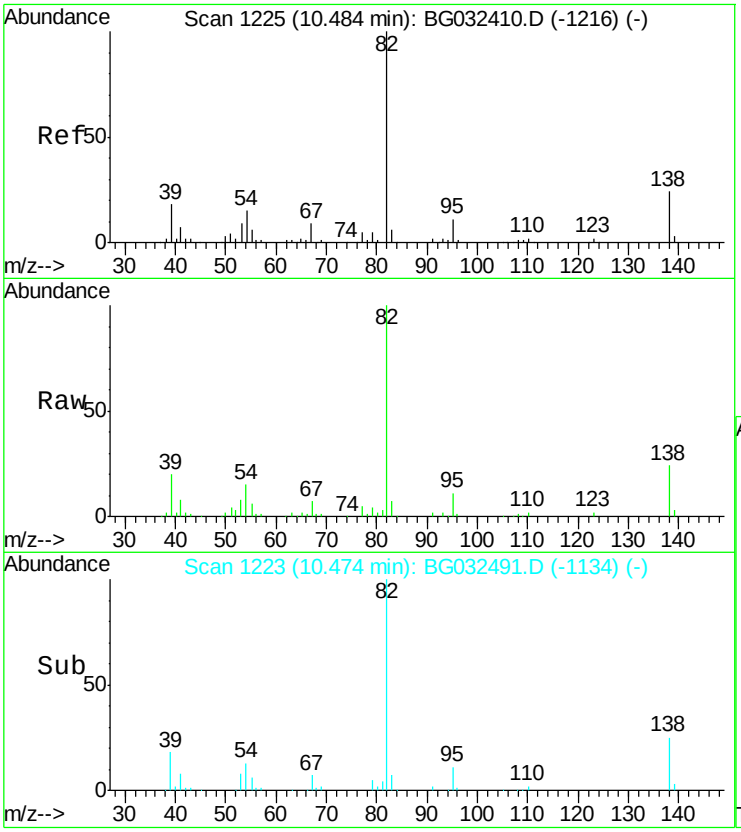


#24
Nitrobenzene
Concen: 44.444 ng
RT: 9.95 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 77 Resp: 72364

Ion	Ratio	Lower	Upper
77	100		
123	50.2	33.0	49.6#
65	15.4	13.0	19.6



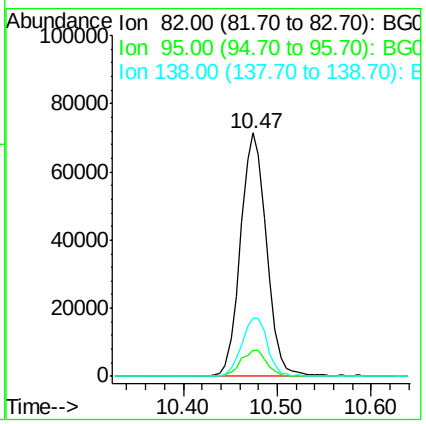


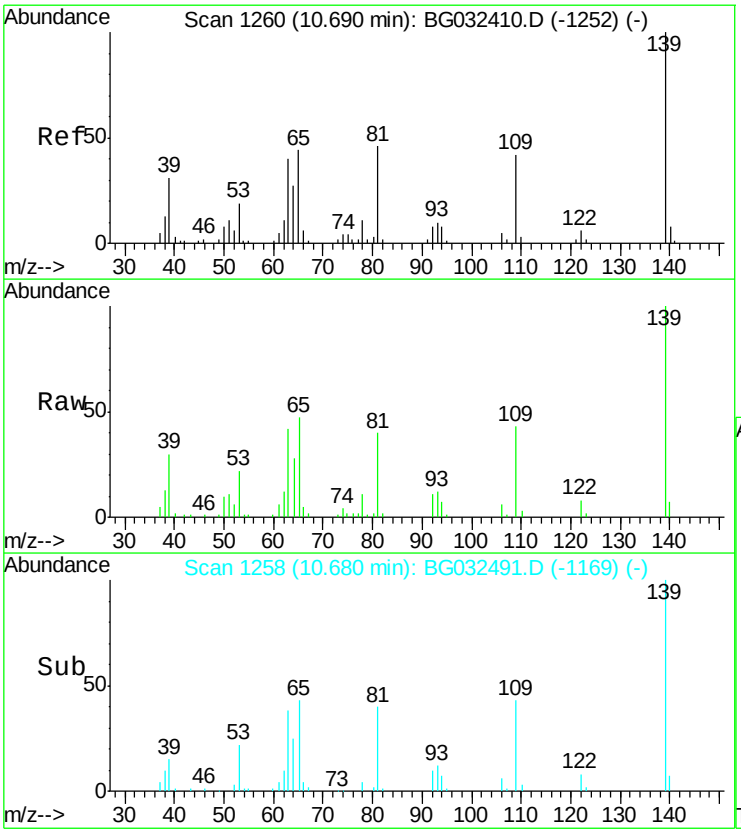
#25
Isophorone
Concen: 47.492 ng
RT: 10.47 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion: 82 Resp: 136163

Ion	Ratio	Lower	Upper
82	100		
95	10.7	6.2	9.2#
138	23.8	12.1	18.1#

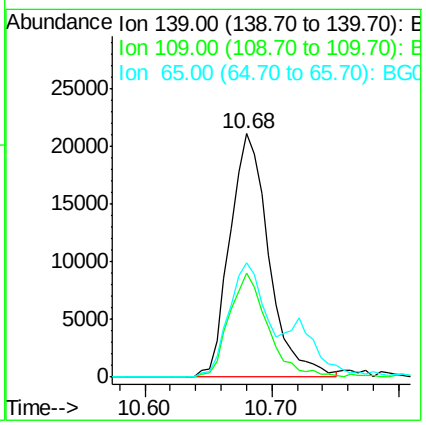


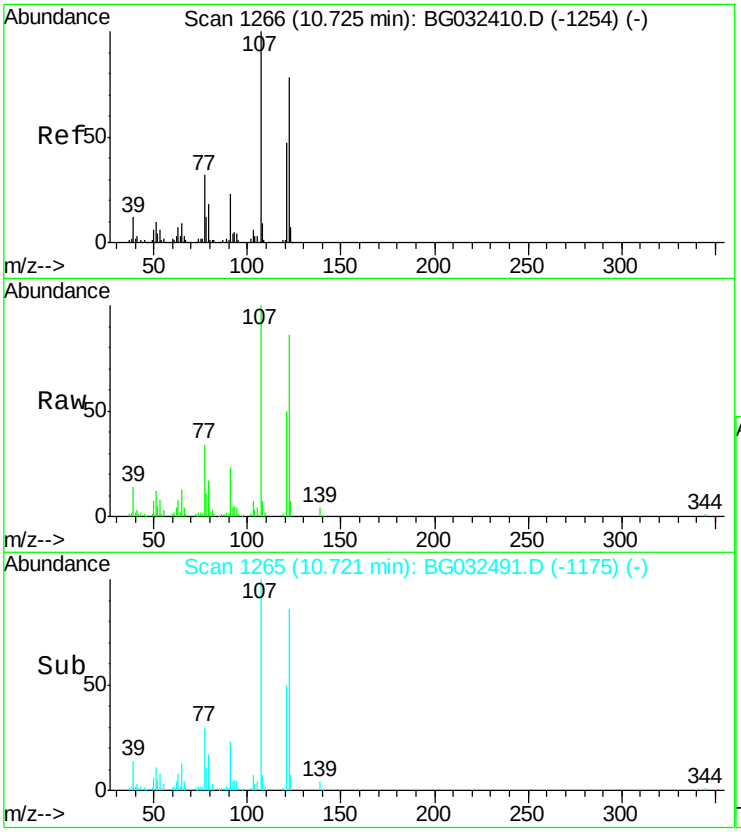


#26
2-Nitrophenol
Concen: 46.006 ng
RT: 10.68 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:139 Resp: 45282

Ion	Ratio	Lower	Upper
139	100		
109	42.9	24.2	36.2#
65	46.9	47.4	71.0#



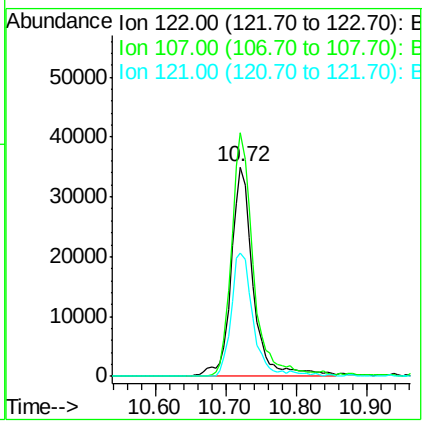


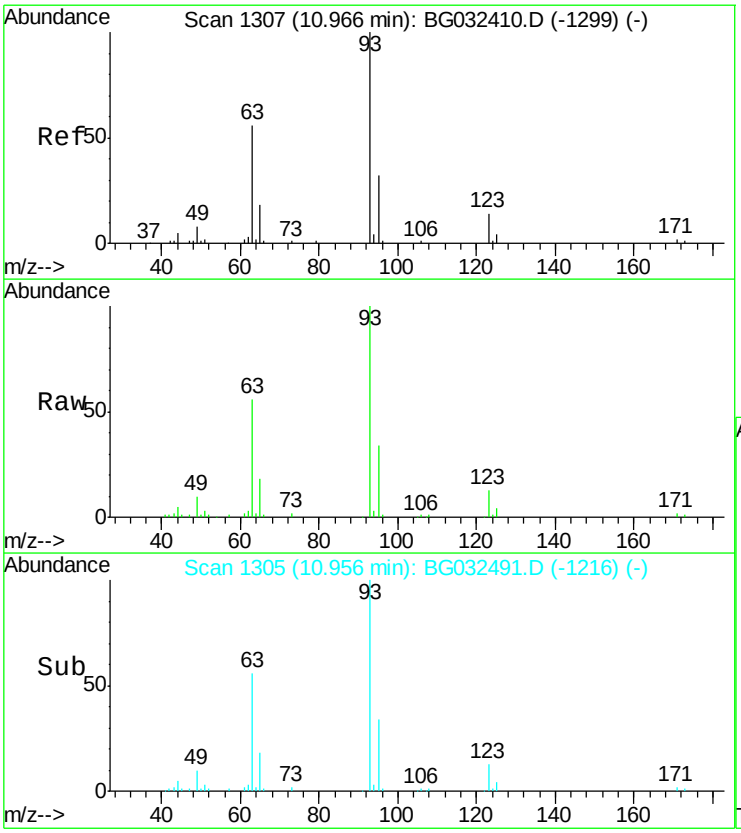
#27
2,4-Dimethylphenol
Concen: 53.662 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:122 Resp: 75809

Ion	Ratio	Lower	Upper
122	100		
107	116.5	100.2	150.2
121	58.7	44.4	66.6

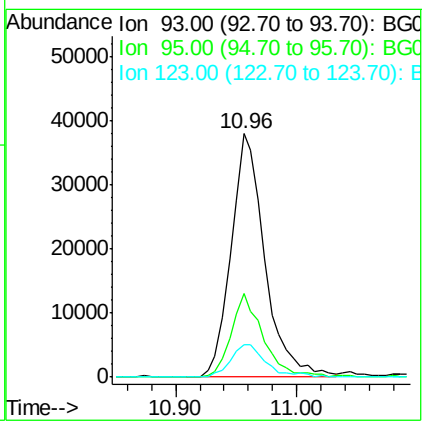


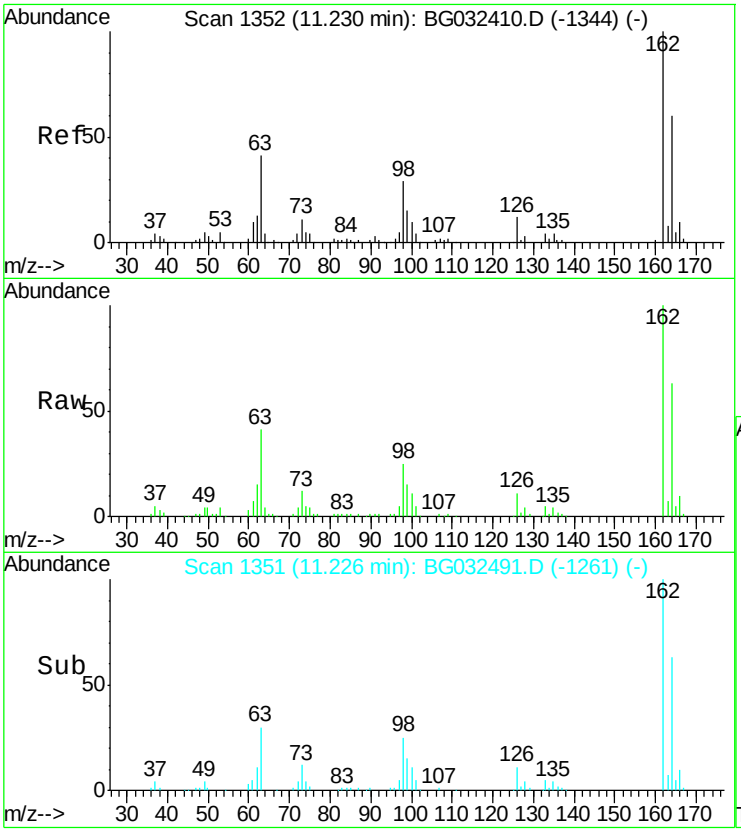


#28
bis(2-Chloroethoxy)methane
Concen: 46.922 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 93 Resp: 73771

Ion	Ratio	Lower	Upper
93	100		
95	34.4	24.3	36.5
123	13.3	8.4	12.6#



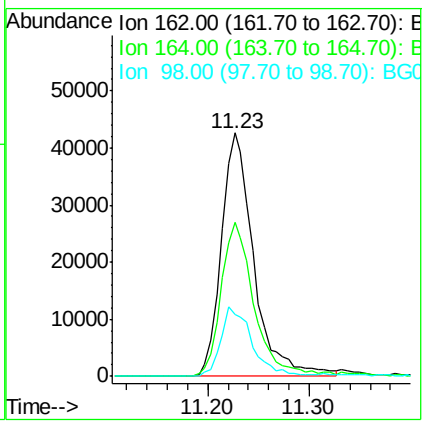


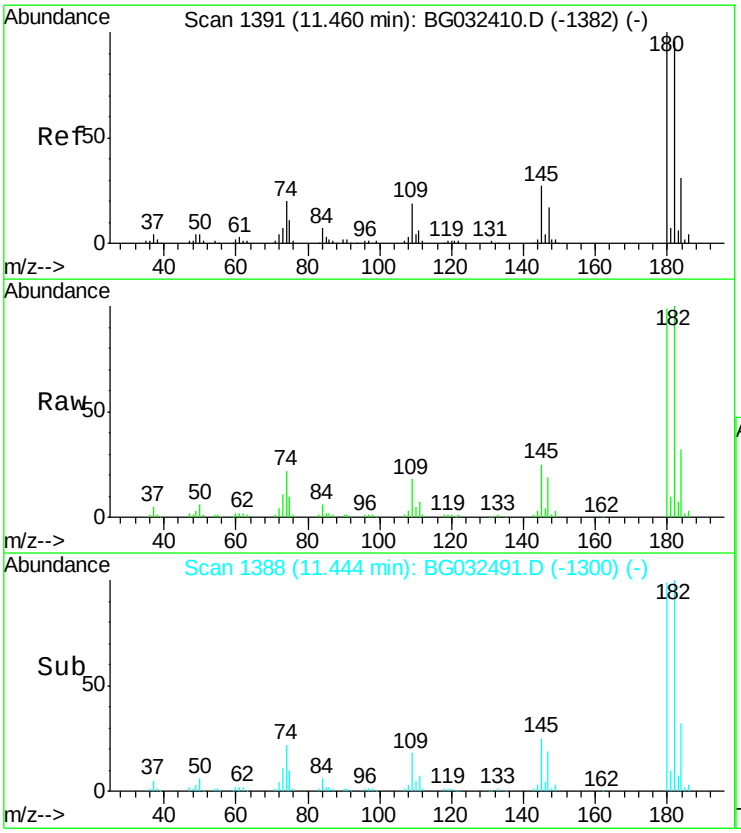
#29
2,4-Dichlorophenol
Concen: 50.428 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:162 Resp: 94374

Ion	Ratio	Lower	Upper
162	100		
164	63.3	48.0	88.0
98	25.4	21.1	61.1

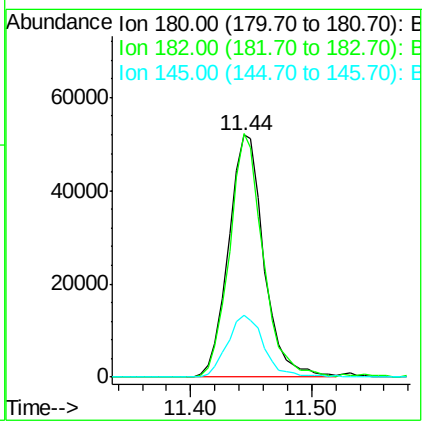


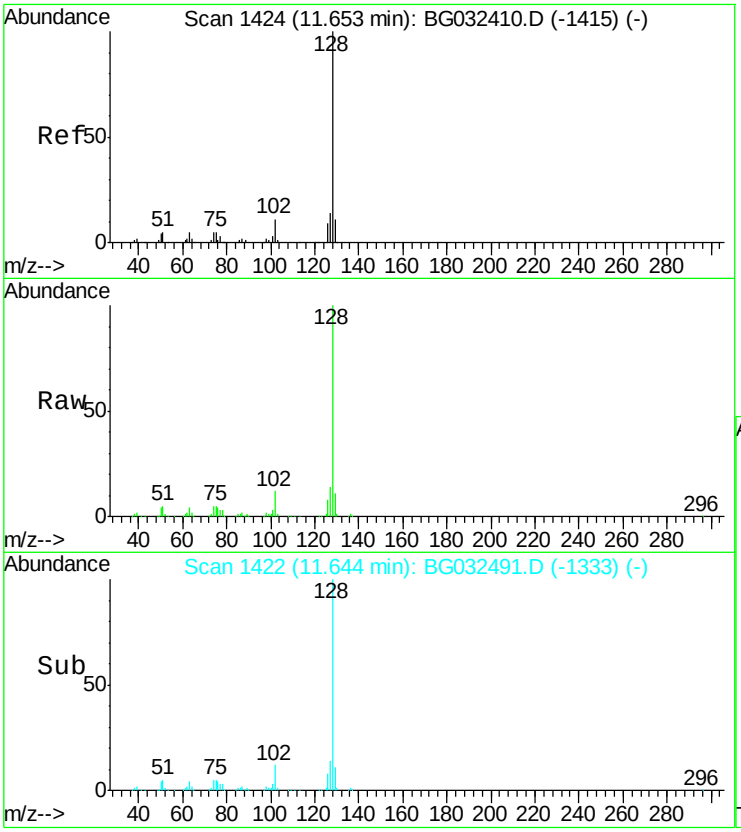


#30
1,2,4-Trichlorobenzene
Concen: 42.249 ng
RT: 11.44 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:180 Resp: 105382

Ion	Ratio	Lower	Upper
180	100		
182	100.7	77.5	116.3
145	25.4	23.4	35.2



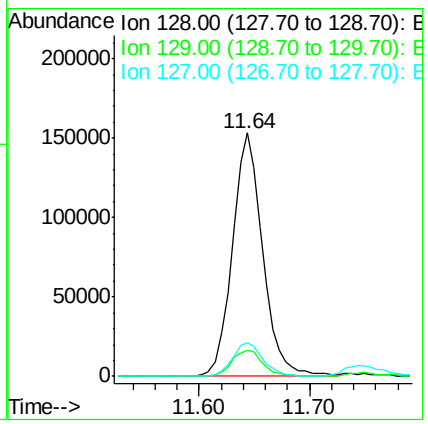


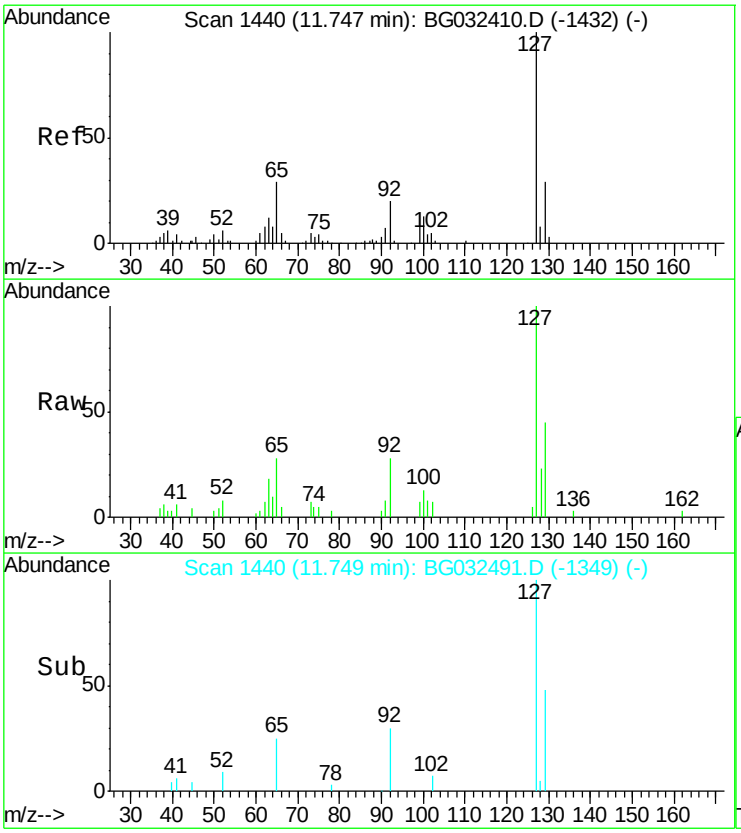
#31
Naphthalene
Concen: 57.513 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:128 Resp: 295429

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	14.1	11.6	17.4

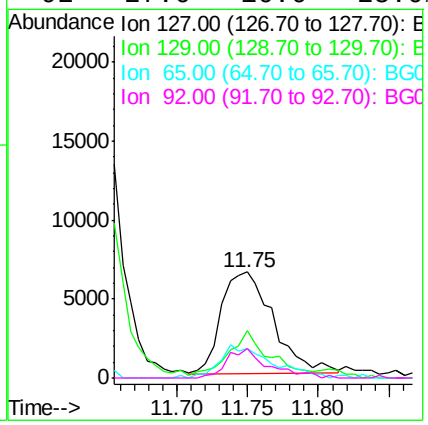


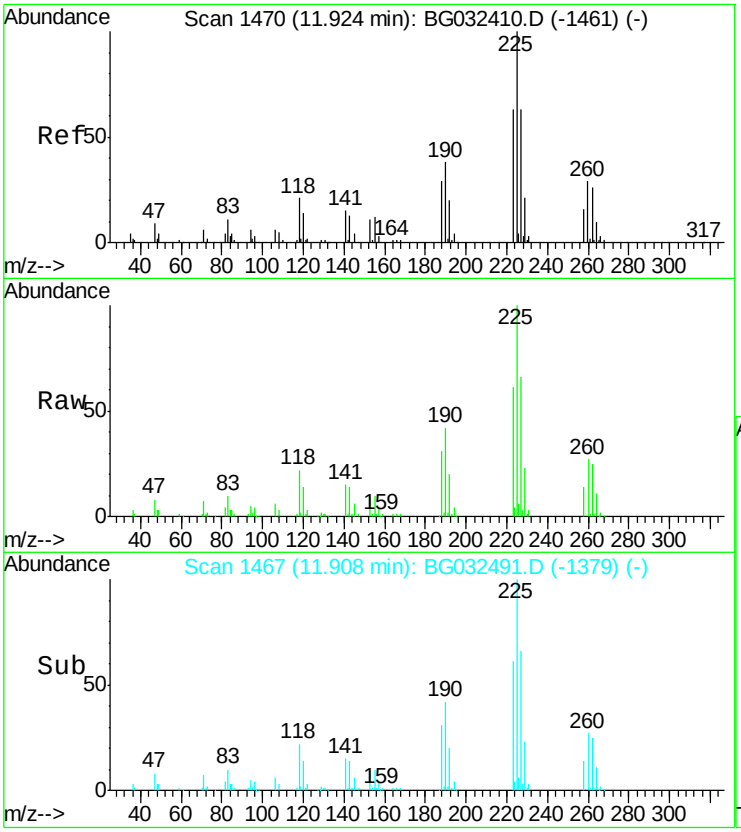


#33
4-Chloroaniline
Concen: 7.269 ng
RT: 11.75 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:127 Resp: 16654

Ion	Ratio	Lower	Upper
127	100		
129	44.8	24.0	36.0#
65	28.0	27.0	40.4
92	27.6	16.6	25.0#



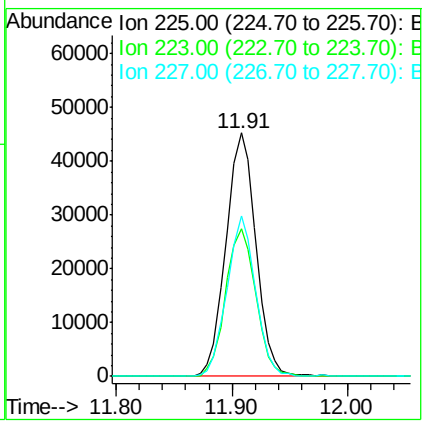


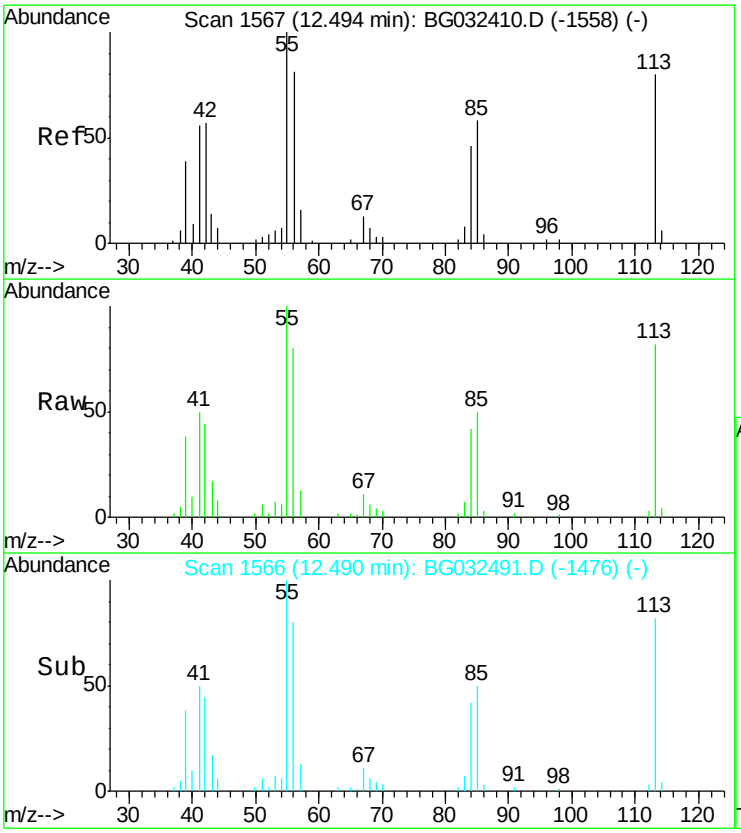
#34
Hexachlorobutadiene
Concen: 41.888 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:225 Resp: 81290

Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.7	74.5
227	65.9	48.1	72.1

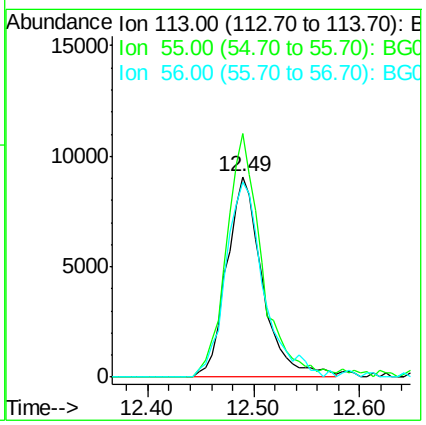


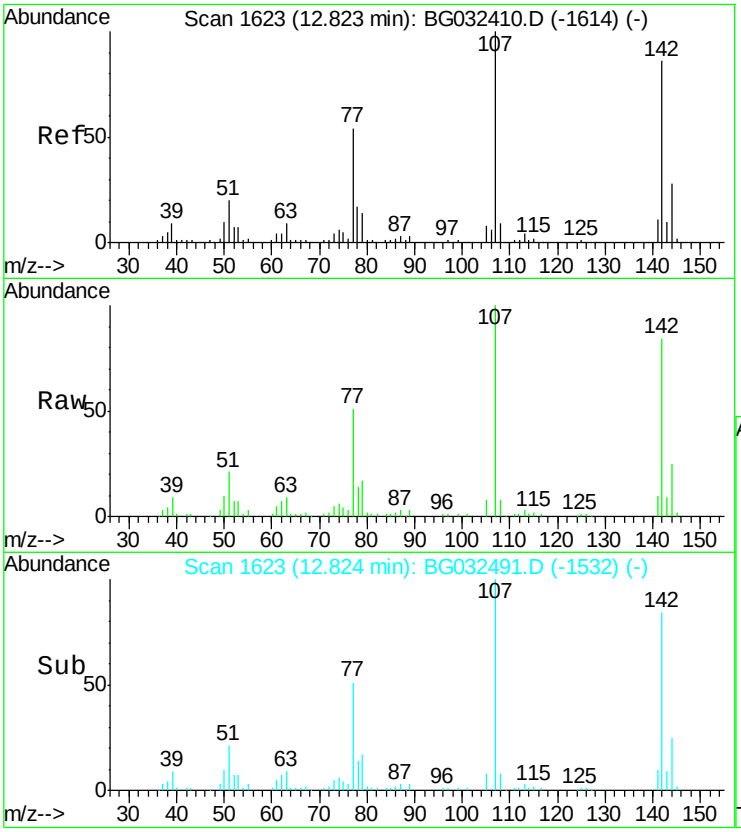


#35
Caprolactam
Concen: 39.502 ng
RT: 12.49 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:113 Resp: 21222

Ion	Ratio	Lower	Upper
113	100		
55	121.6	186.9	226.9#
56	97.5	130.9	170.9#



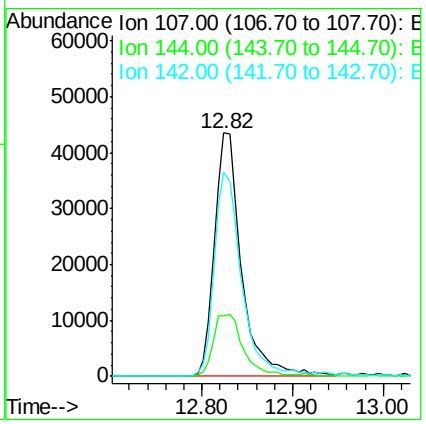


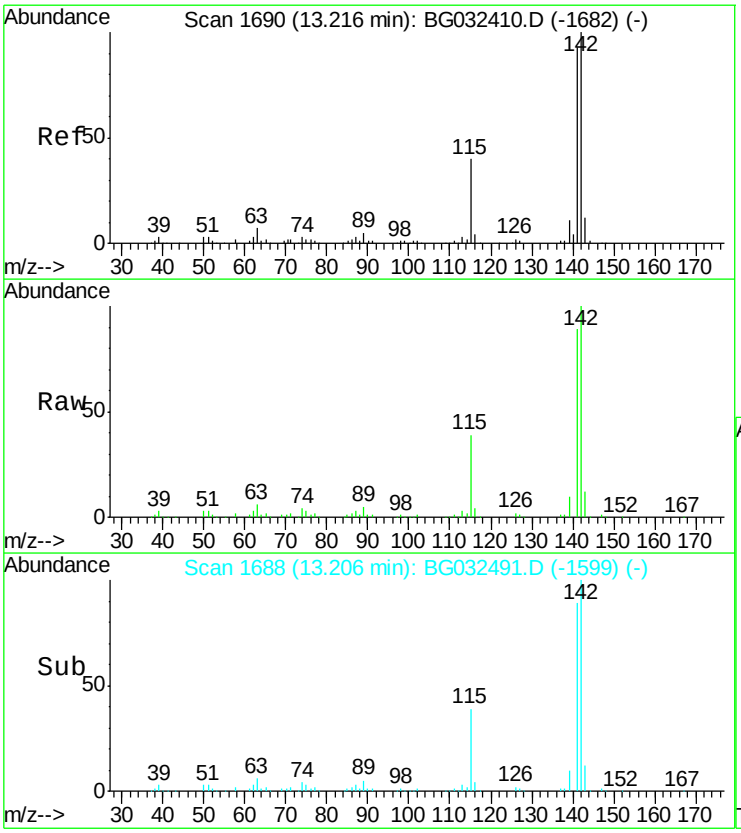
#36
4-Chloro-3-methylphenol
Concen: 50.715 ng
RT: 12.82 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:107 Resp: 90027

Ion	Ratio	Lower	Upper
107	100		
144	24.8	18.2	27.4
142	83.9	59.0	88.4

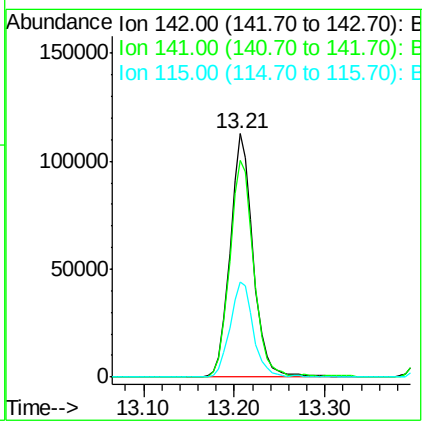


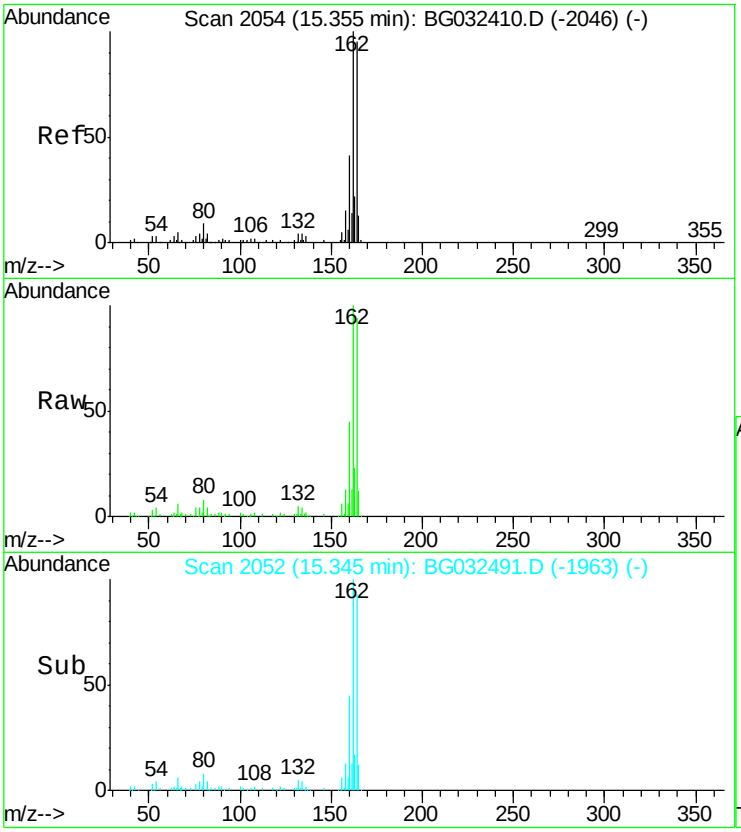


#37
2-Methylnaphthalene
Concen: 45.957 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:142 Resp: 198321

Ion	Ratio	Lower	Upper
142	100		
141	88.9	67.1	100.7
115	39.1	30.7	46.1



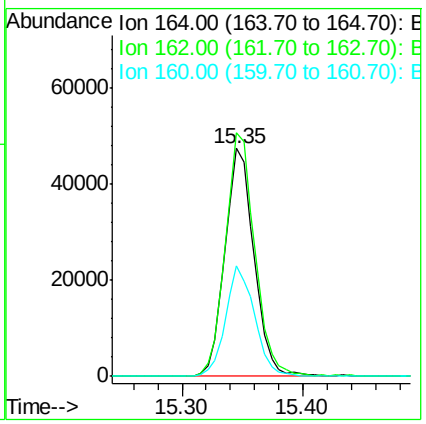


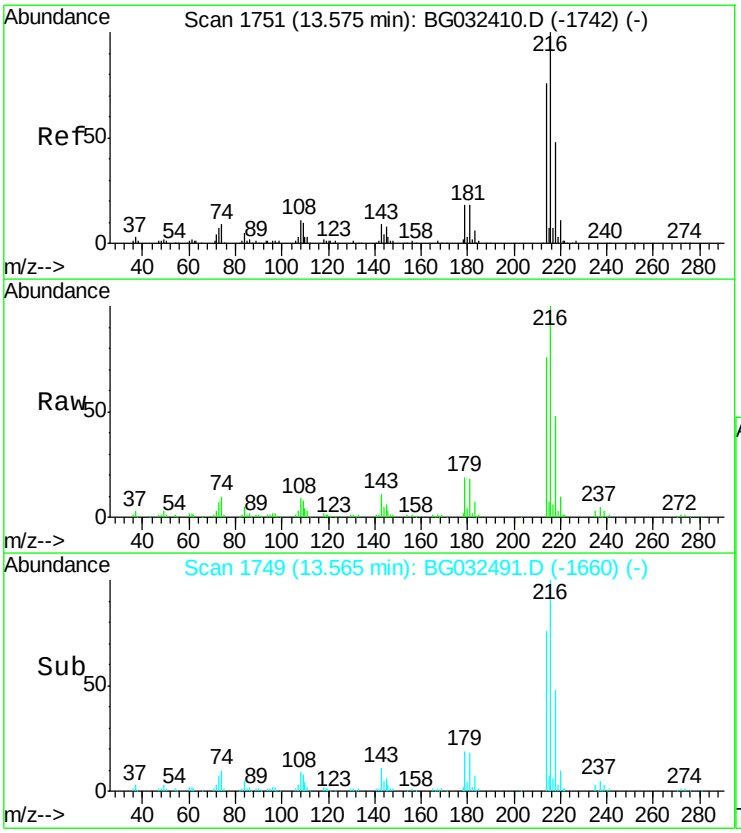
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:164 Resp: 79742

Ion	Ratio	Lower	Upper
164	100		
162	106.8	78.8	118.2
160	48.3	35.4	53.0

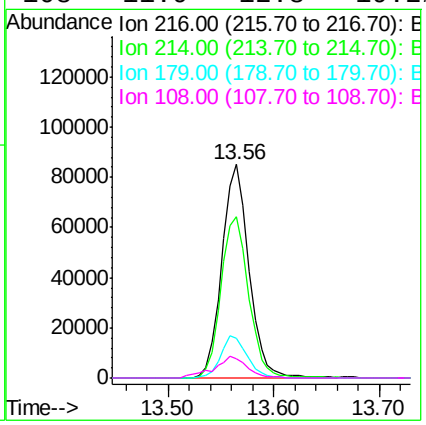


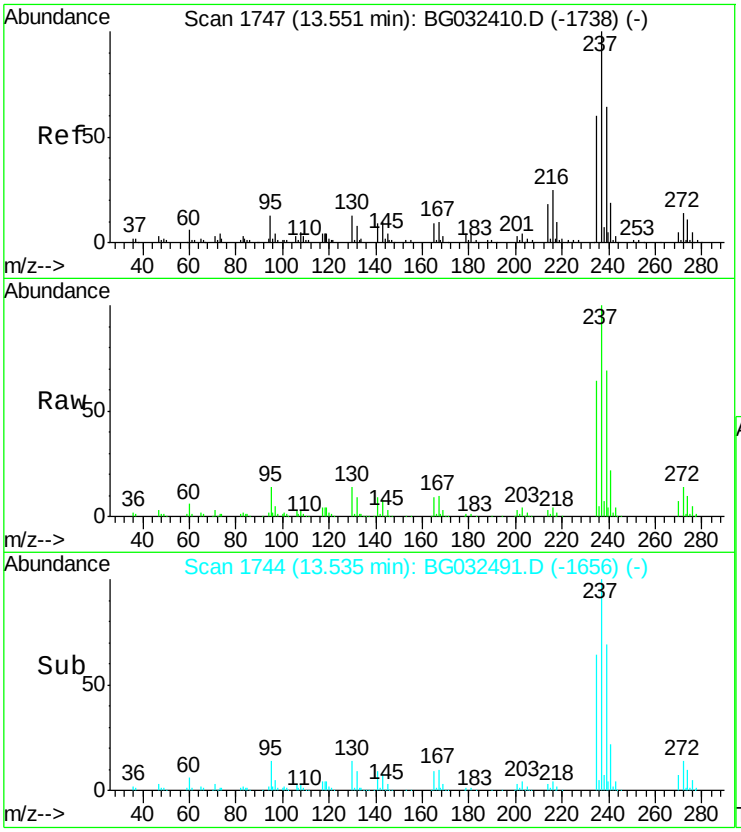


#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.632 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:216 Resp: 151582

Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.0	94.4
179	19.2	17.0	25.6
108	11.9	12.8	19.2#



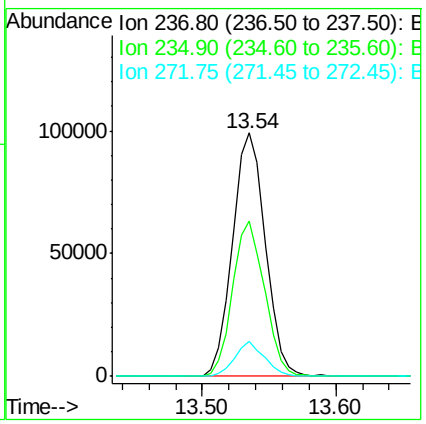


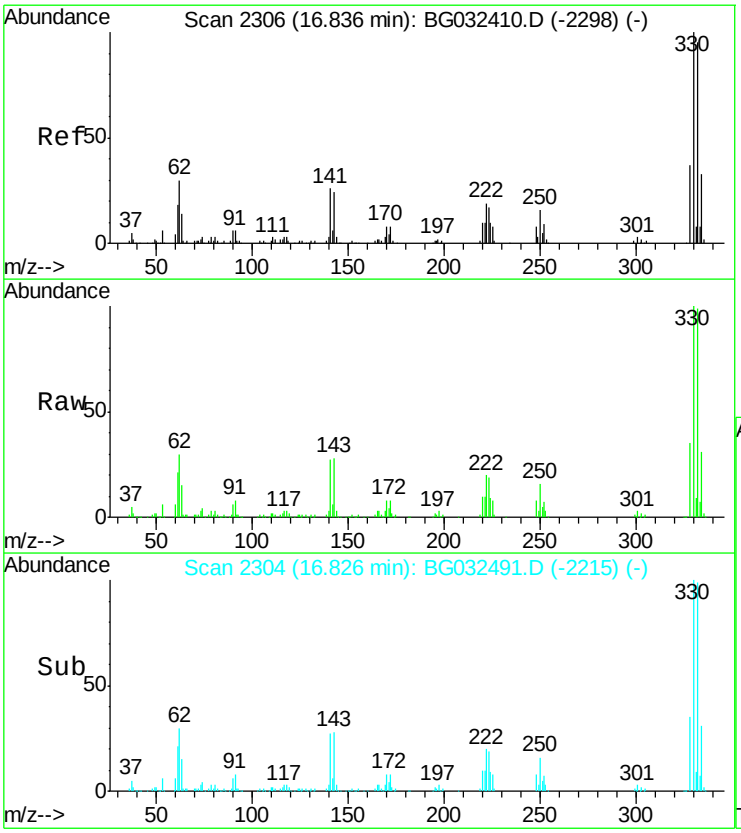
#40
Hexachlorocyclopentadiene
Concen: 72.652 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:237 Resp: 169344

Ion	Ratio	Lower	Upper
237	100		
235	63.5	50.4	90.4
272	14.2	0.0	31.8

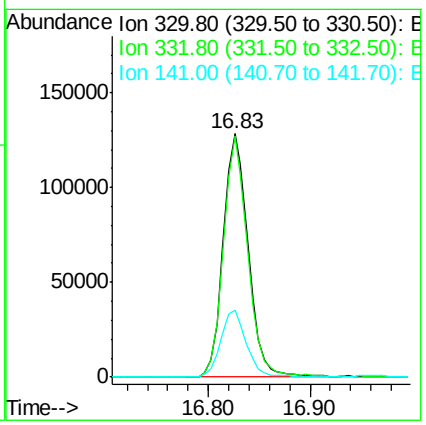


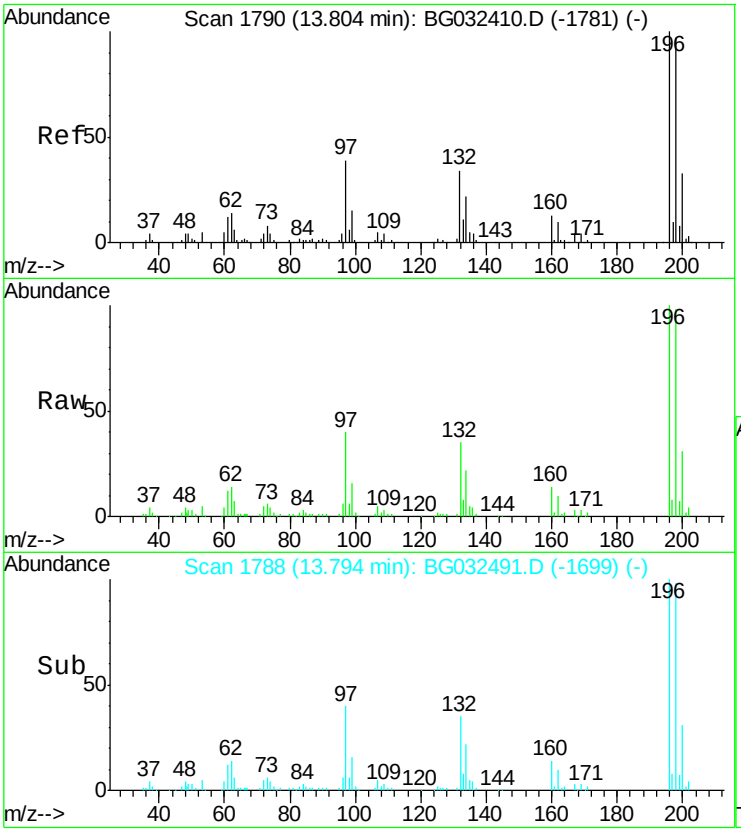


#41
2,4,6-Tribromophenol
Concen: 144.765 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:330 Resp: 219737

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	27.8	25.2	37.8



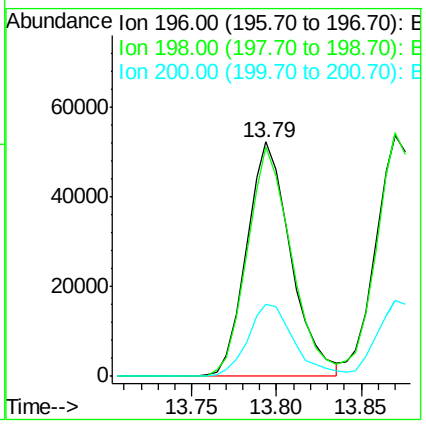


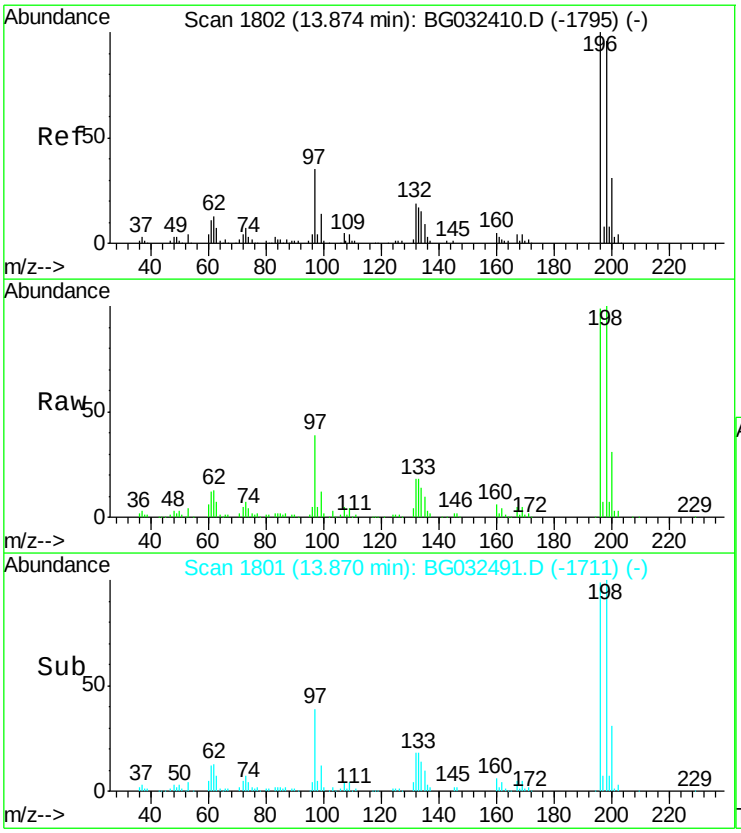
#42
2,4,6-Trichlorophenol
Concen: 46.777 ng
RT: 13.79 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:196 Resp: 94919

Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.2	117.2
200	30.6	24.6	36.8

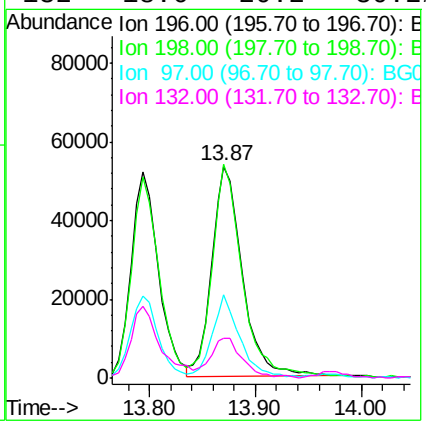


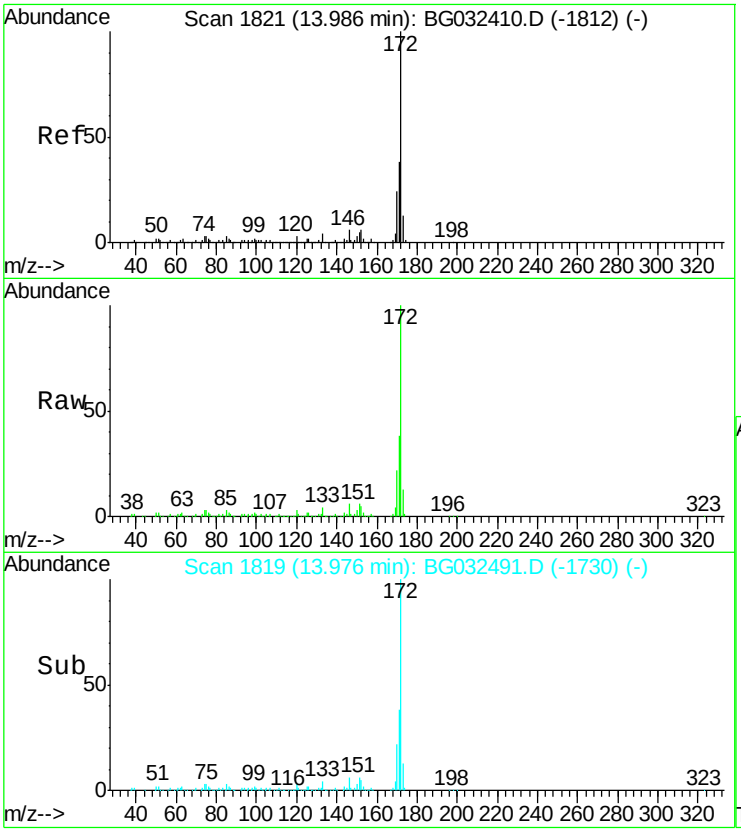


#43
2,4,5-Trichlorophenol
Concen: 45.617 ng
RT: 13.87 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:196 Resp: 107907

Ion	Ratio	Lower	Upper
196	100		
198	100.9	76.2	114.4
97	39.4	38.7	58.1
132	18.6	20.2	30.2#



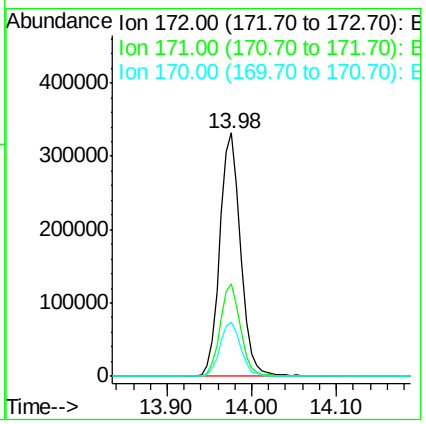


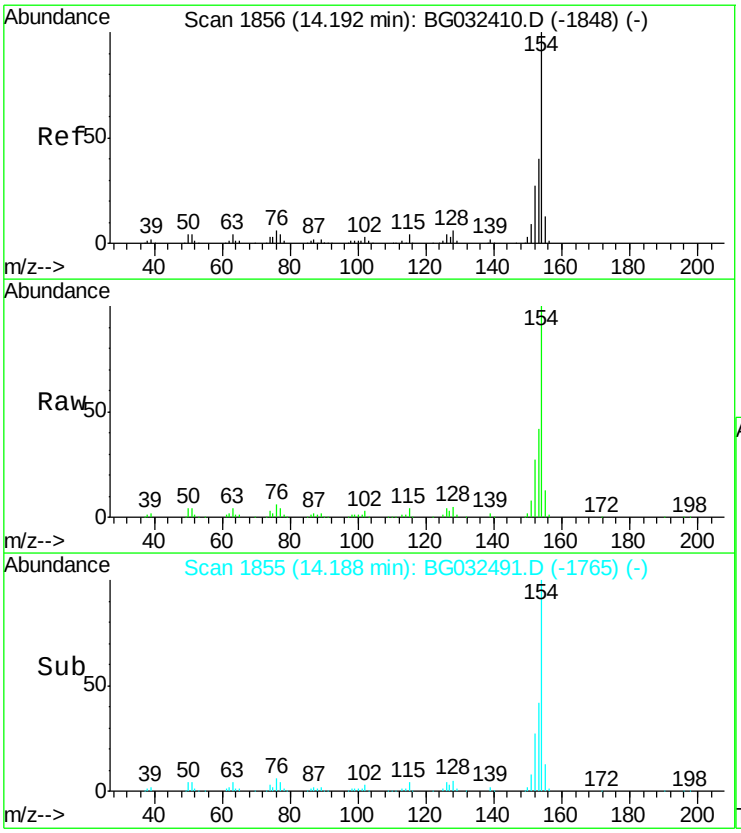
#44
2-Fluorobiphenyl
Concen: 84.462 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:172 Resp: 566665

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	22.3	19.5	29.3

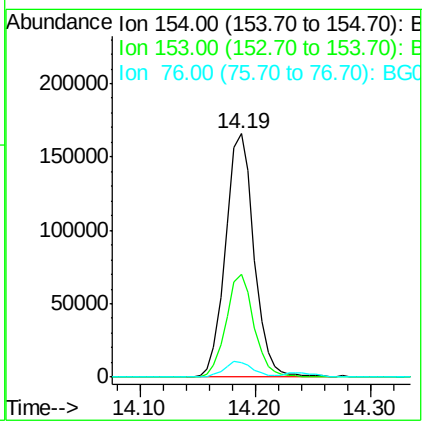


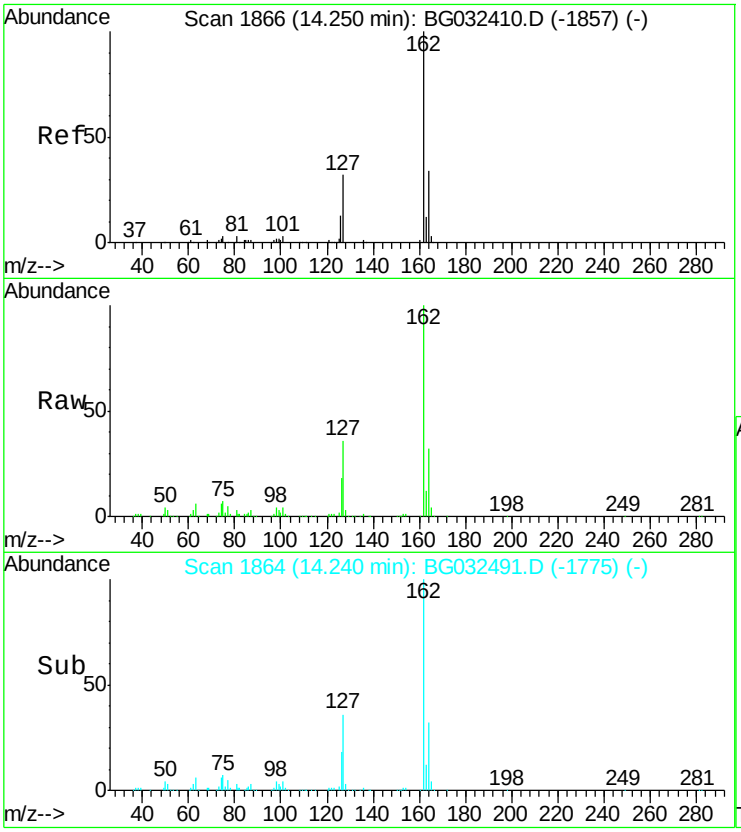


#45
1,1'-Biphenyl
Concen: 42.053 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:154 Resp: 283309

Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	5.9	0.0	31.9



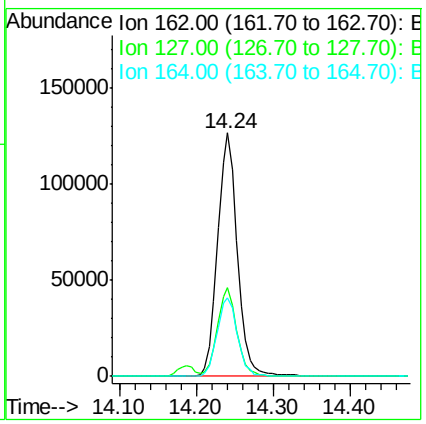


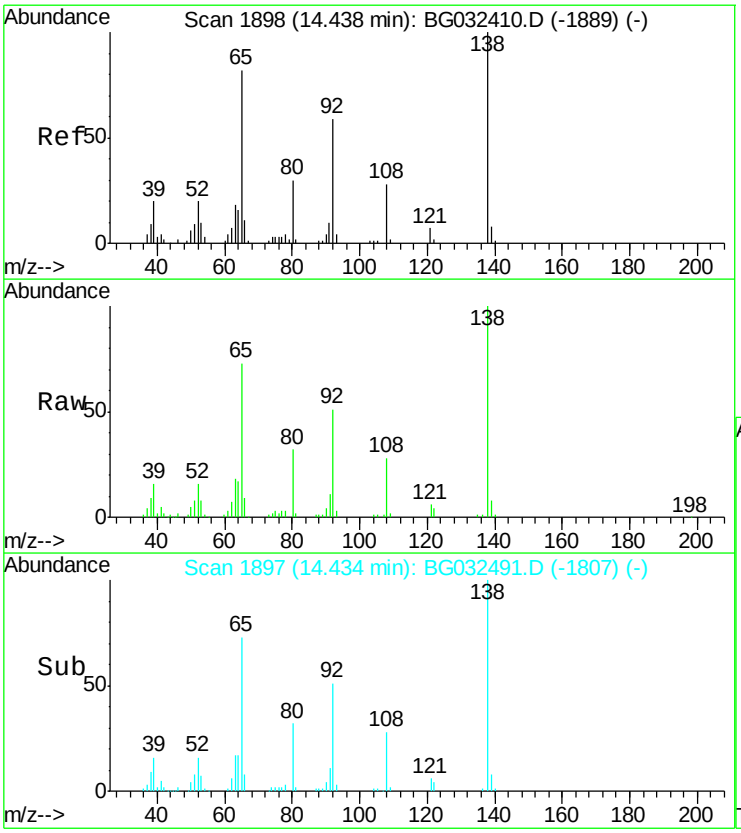
#46
2-Chloronaphthalene
Concen: 42.493 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:162 Resp: 224378

Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.7	46.1
164	32.0	26.0	39.0

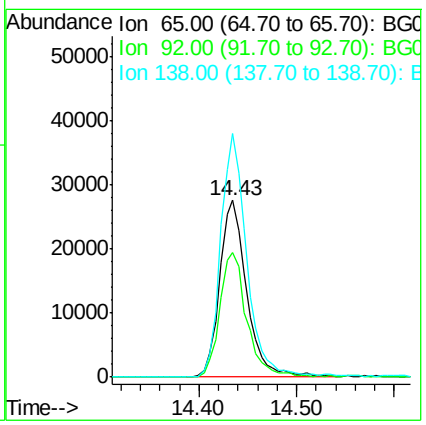


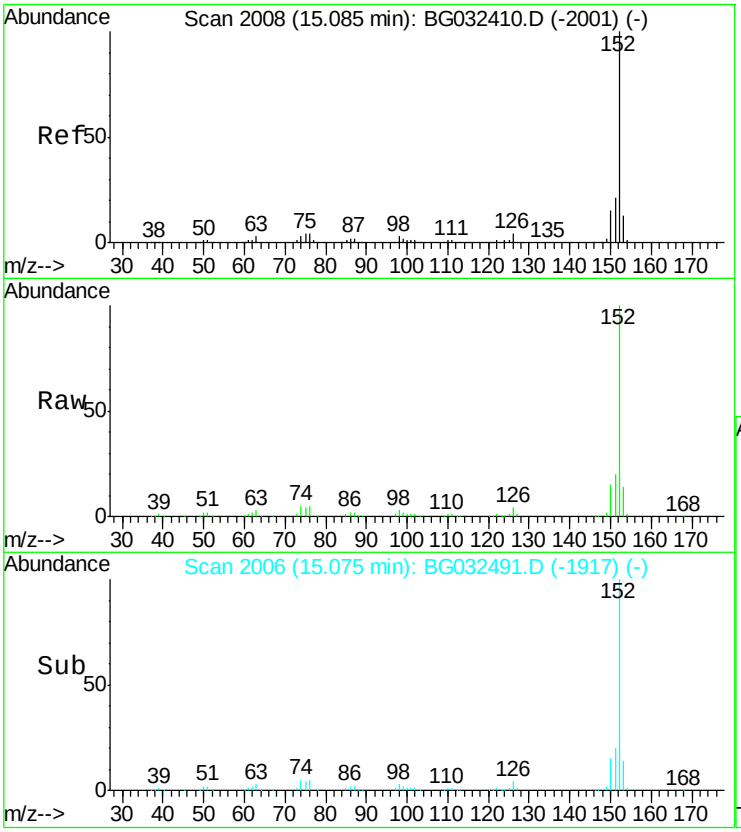


#47
2-Nitroaniline
Concen: 45.355 ng
RT: 14.43 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion: 65 Resp: 52961

Ion	Ratio	Lower	Upper
65	100		
92	70.9	54.6	82.0
138	137.9	72.9	109.3#



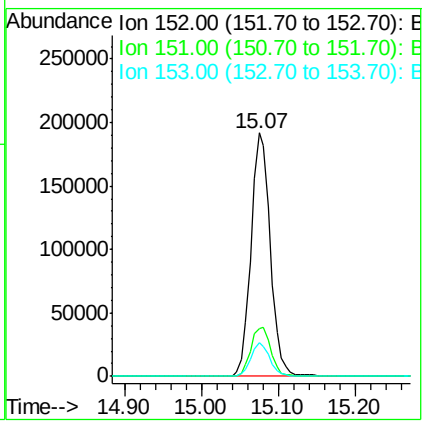


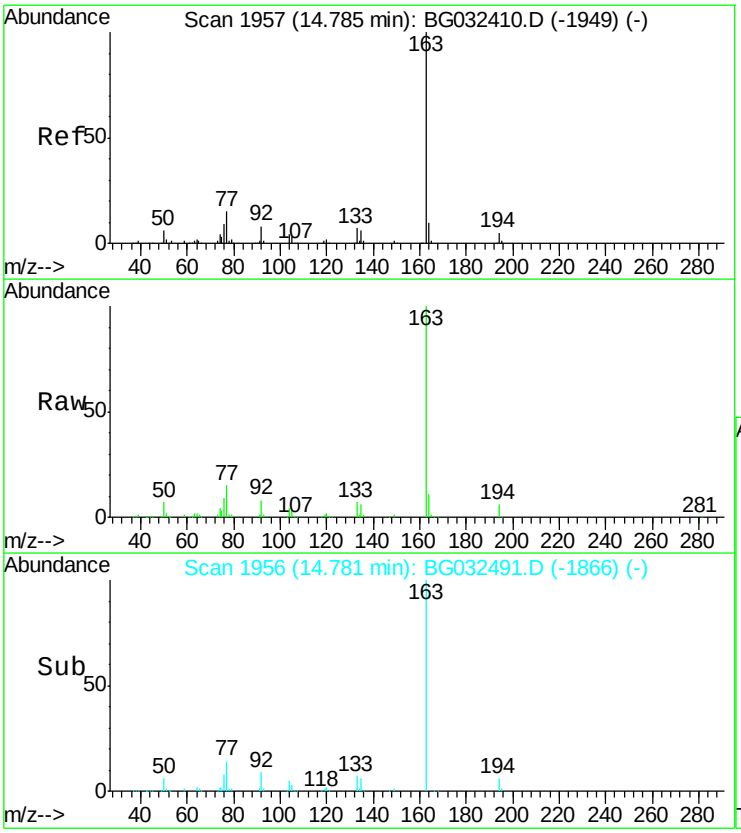
#48
Acenaphthylene
Concen: 42.154 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:152 Resp: 336501

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.2	25.8
153	13.9	10.2	15.4

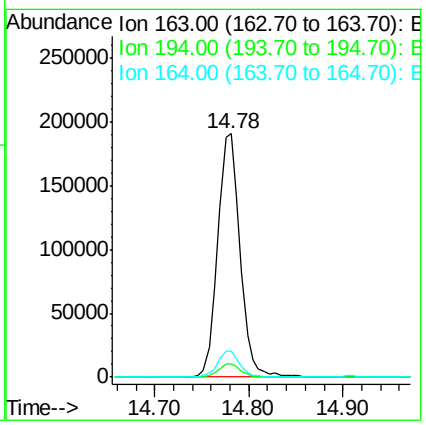


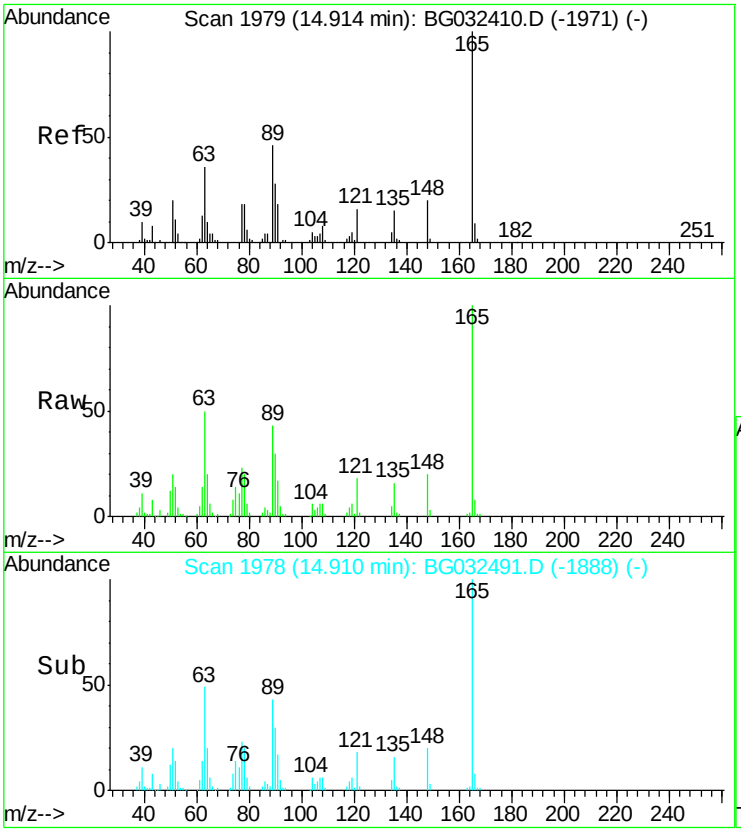


#49
Dimethylphthalate
Concen: 43.509 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:163 Resp: 319901

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.2#
164	10.6	8.2	12.4



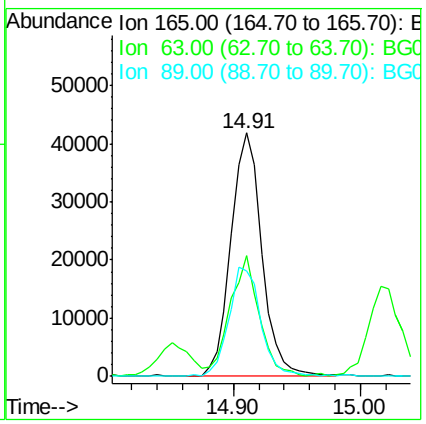


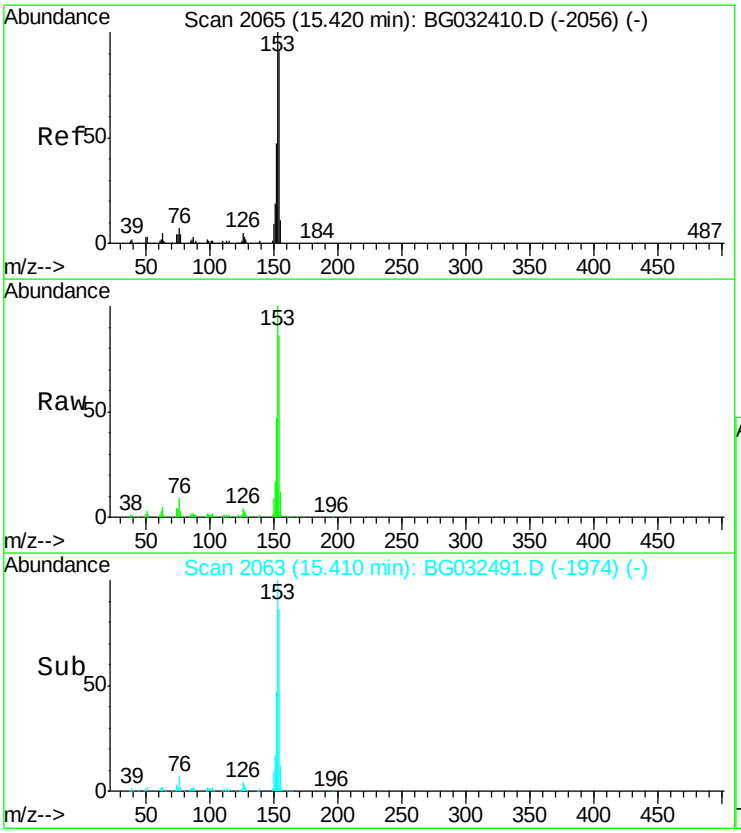
#50
2,6-Dinitrotoluene
Concen: 45.802 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:165 Resp: 70682

Ion	Ratio	Lower	Upper
165	100		
63	49.6	52.7	79.1#
89	43.2	49.2	73.8#

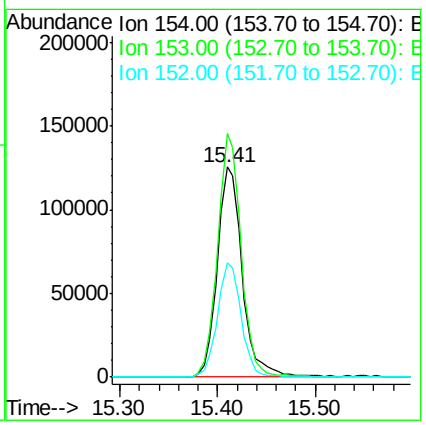


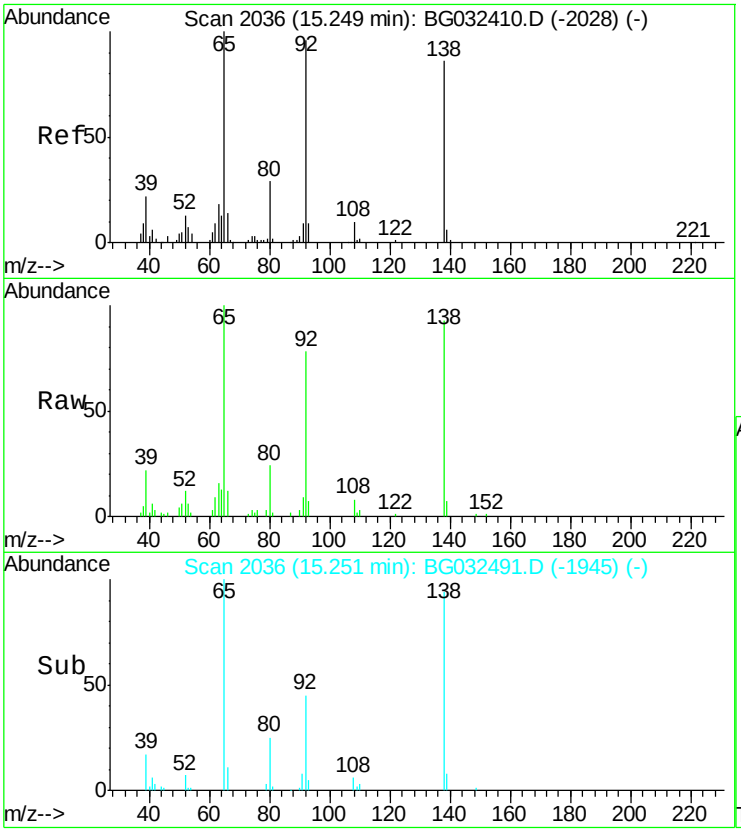


#51
Acenaphthene
Concen: 40.262 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:154 Resp: 222895

Ion	Ratio	Lower	Upper
154	100		
153	115.8	90.4	135.6
152	54.2	41.6	62.4



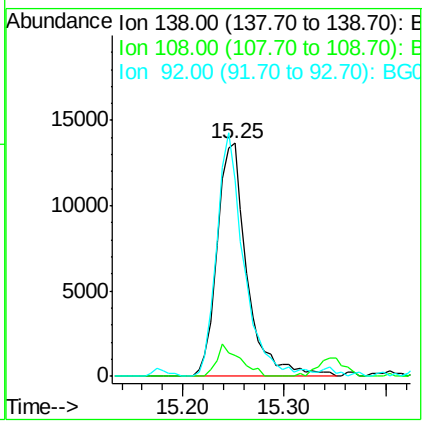


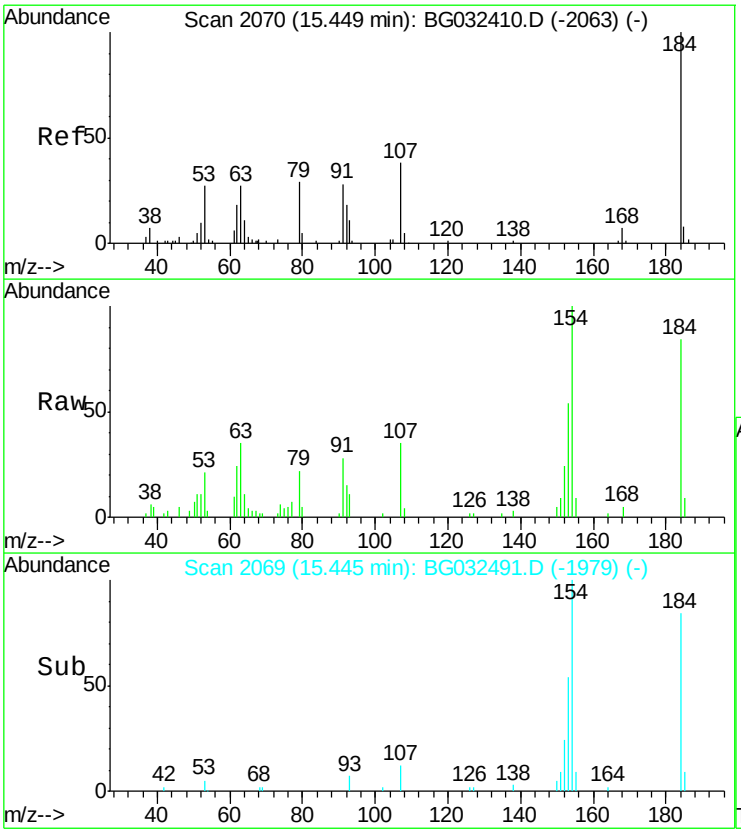
#52
3-Nitroaniline
Concen: 20.765 ng
RT: 15.25 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:138 Resp: 27990

Ion	Ratio	Lower	Upper
138	100		
108	8.7	17.5	26.3#
92	84.0	105.8	158.8#

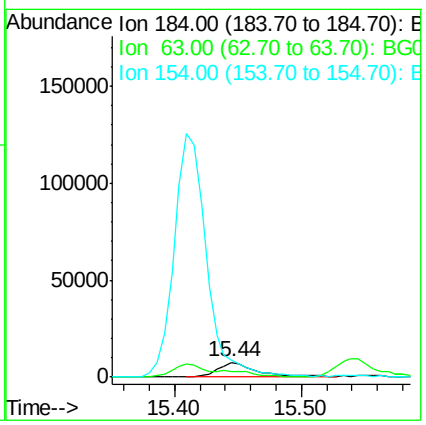


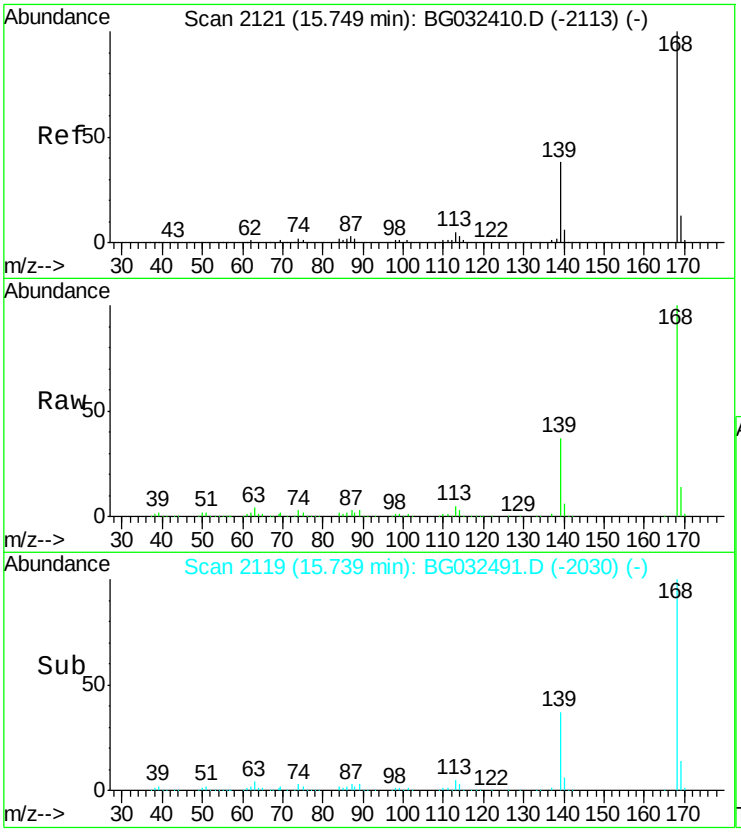


#53
2,4-Dinitrophenol
Concen: 20.095 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:184 Resp: 16237

Ion	Ratio	Lower	Upper
184	100		
63	41.8	59.8	89.8#
154	119.0	101.8	152.8



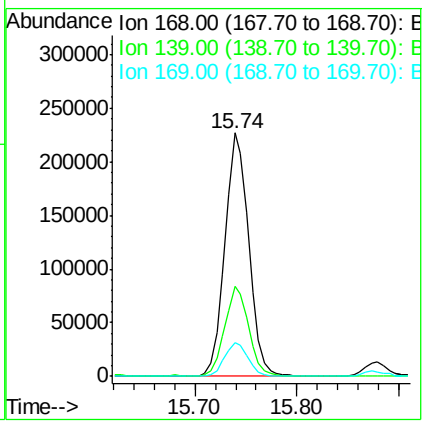


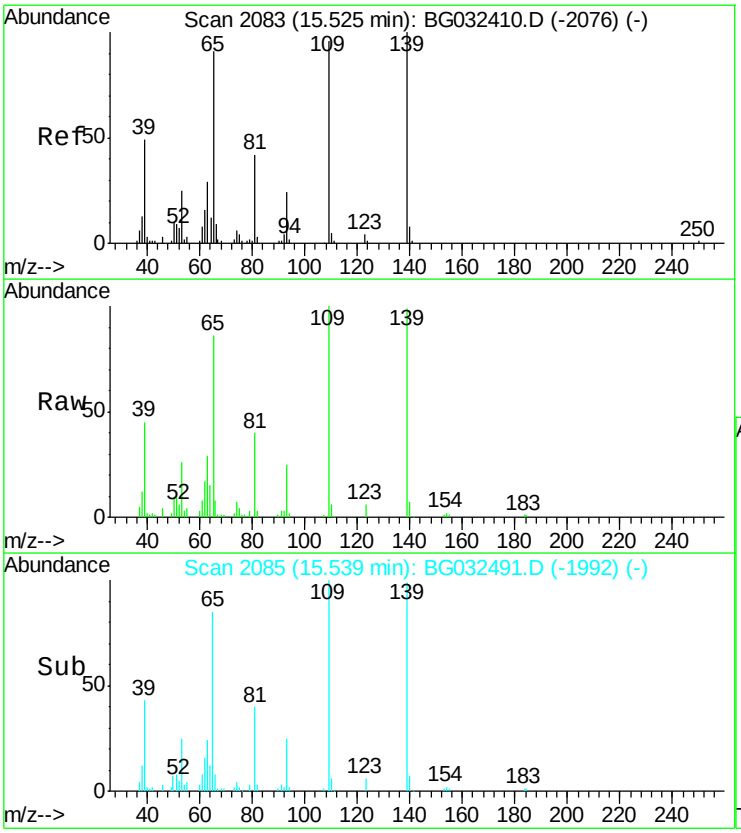
#54
Dibenzofuran
Concen: 45.127 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:168 Resp: 369770

Ion	Ratio	Lower	Upper
168	100		
139	37.0	28.6	43.0
169	14.0	11.2	16.8

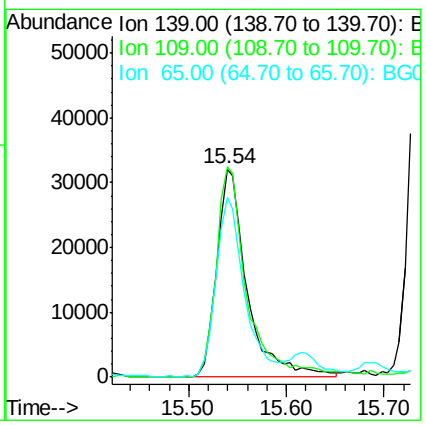


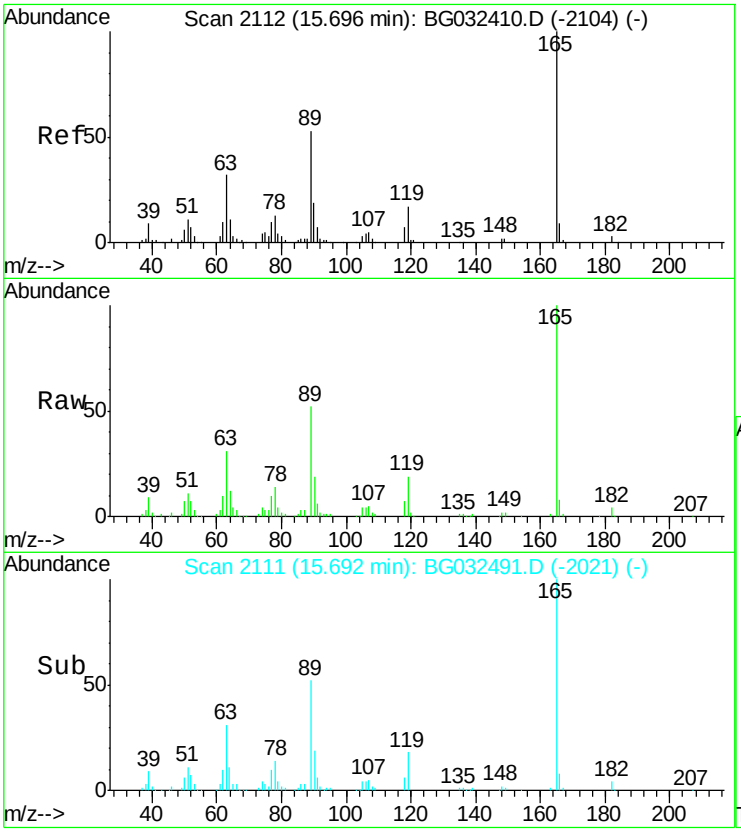


#55
4-Nitrophenol
Concen: 68.446 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:139 Resp: 69071

Ion	Ratio	Lower	Upper
139	100		
109	101.0	62.2	102.2
65	86.4	97.2	137.2#



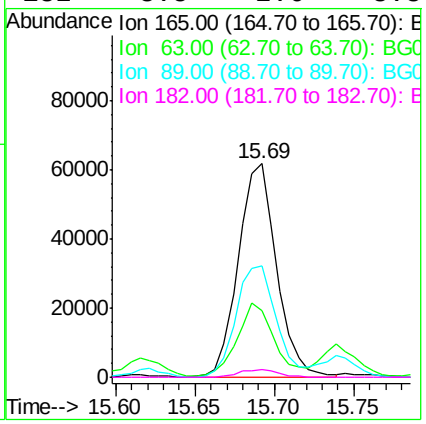


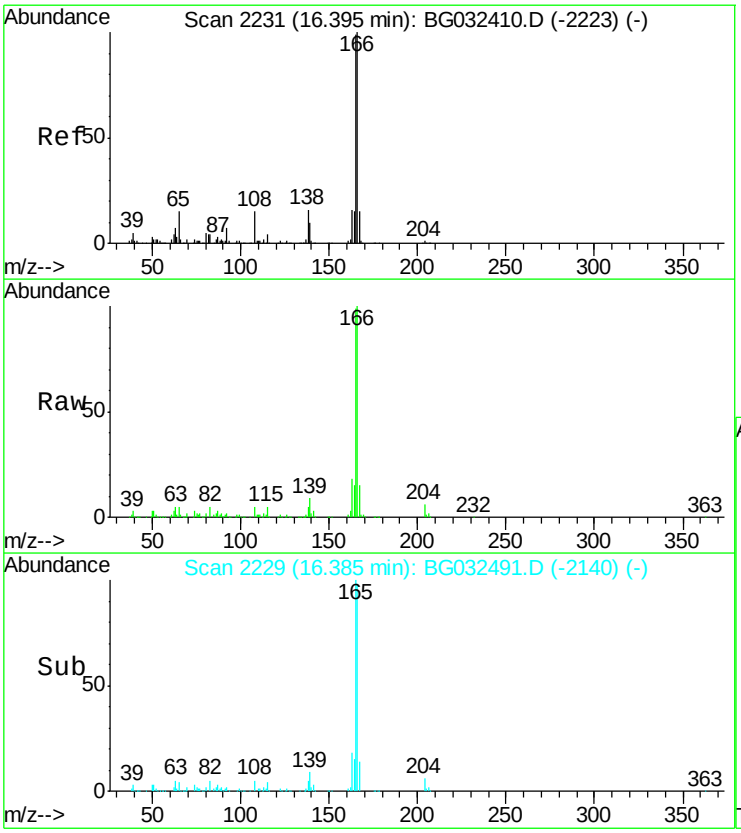
#56
2,4-Dinitrotoluene
Concen: 47.182 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:165 Resp: 103671

Ion	Ratio	Lower	Upper
165	100		
63	31.5	42.0	63.0#
89	51.9	66.9	100.3#
182	3.5	2.6	3.8

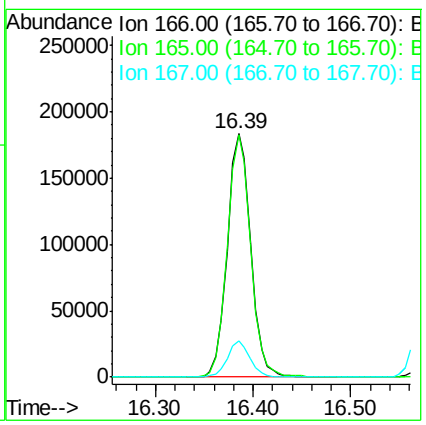


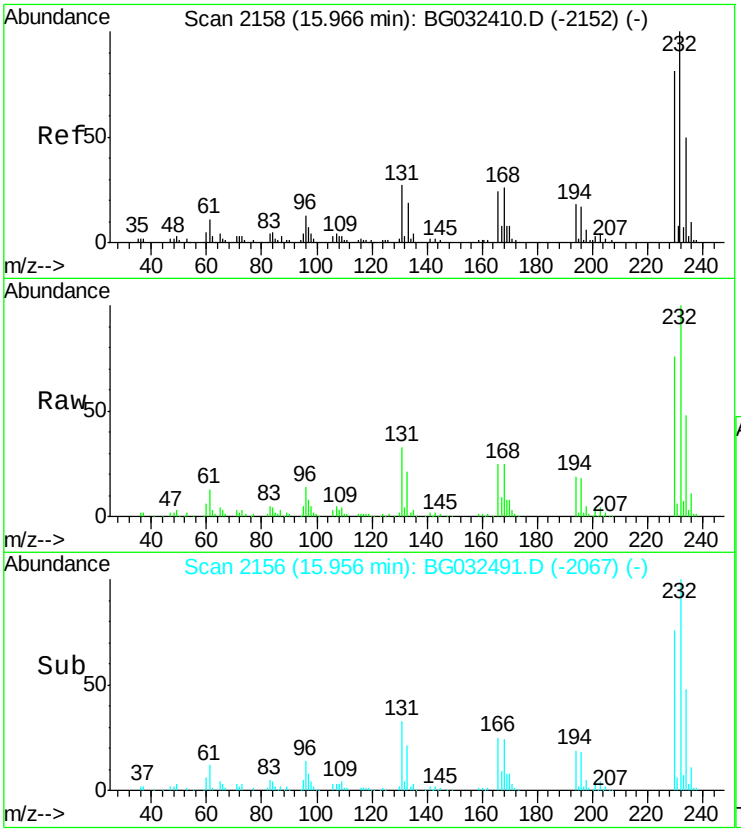


#57
Fluorene
Concen: 44.620 ng
RT: 16.39 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:166 Resp: 303816

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.6	121.0
167	14.8	10.4	15.6



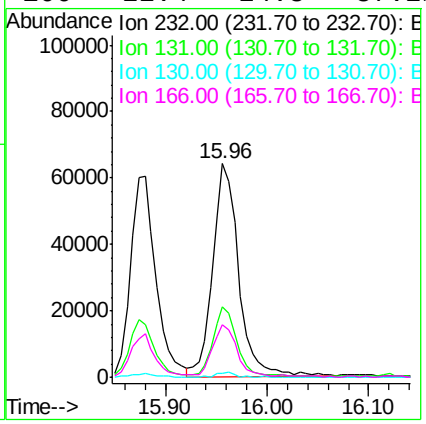


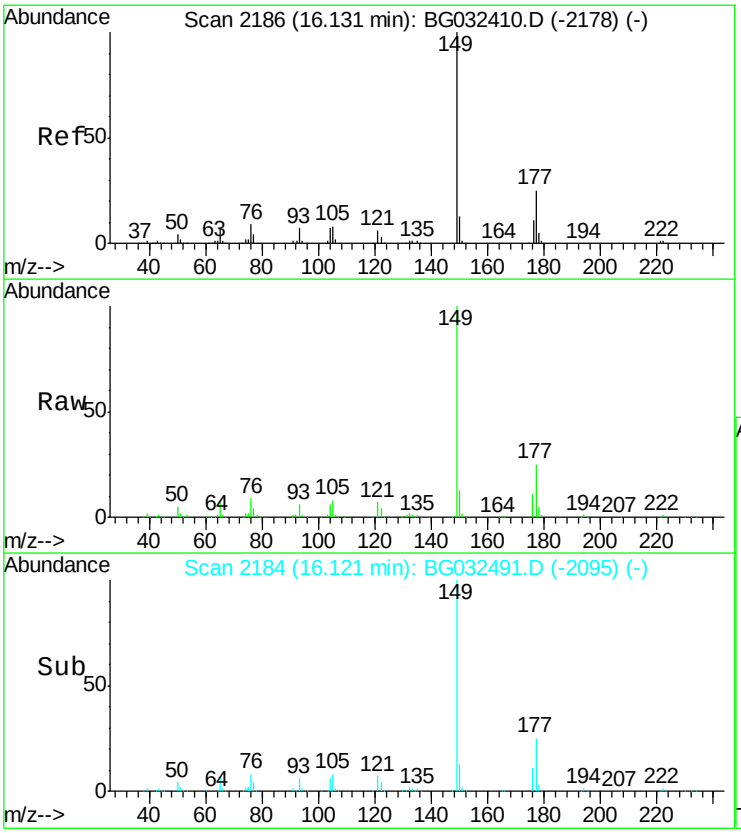
#58
2,3,4,6-Tetrachlorophenol
Concen: 48.524 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:232 Resp: 113209

Ion	Ratio	Lower	Upper
232	100		
131	31.4	33.5	50.3#
130	1.7	2.2	3.2#
166	22.4	24.8	37.2#

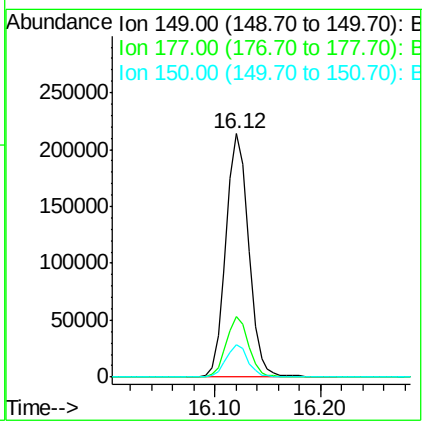


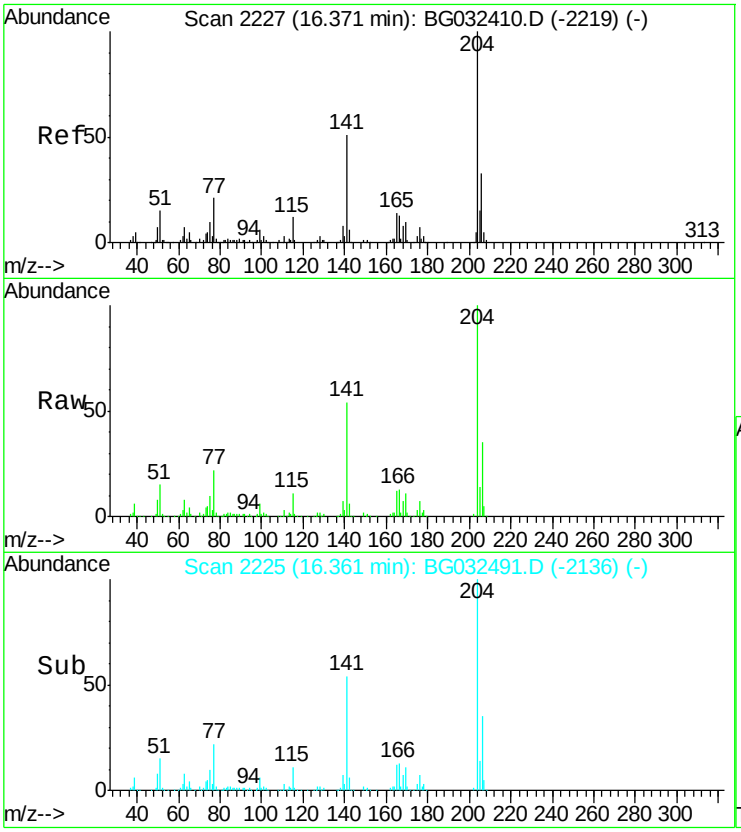


#59
Diethylphthalate
Concen: 44.528 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:149 Resp: 318866

Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.5	27.7
150	13.5	10.2	15.2



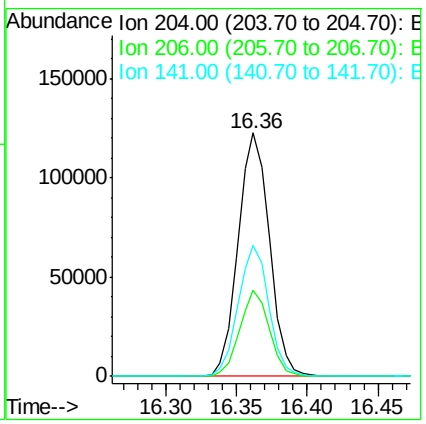


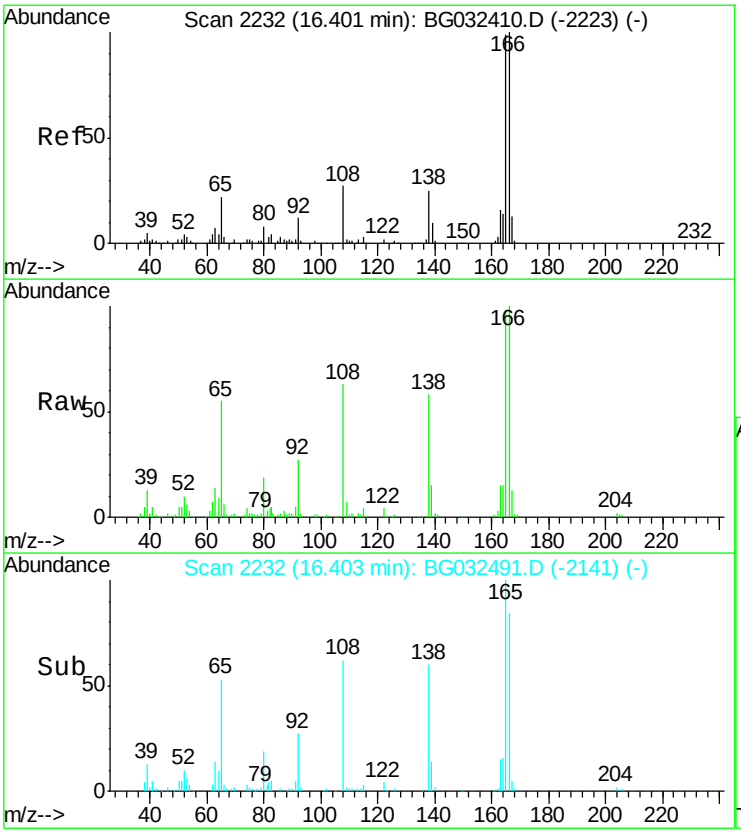
#60
4-Chlorophenyl-phenylether
Concen: 44.419 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:204 Resp: 190720

Ion	Ratio	Lower	Upper
204	100		
206	35.2	26.2	39.2
141	53.9	45.8	68.6

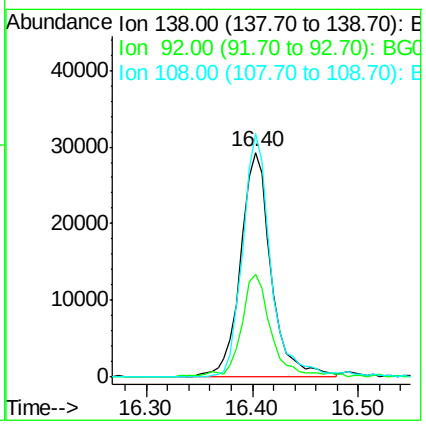


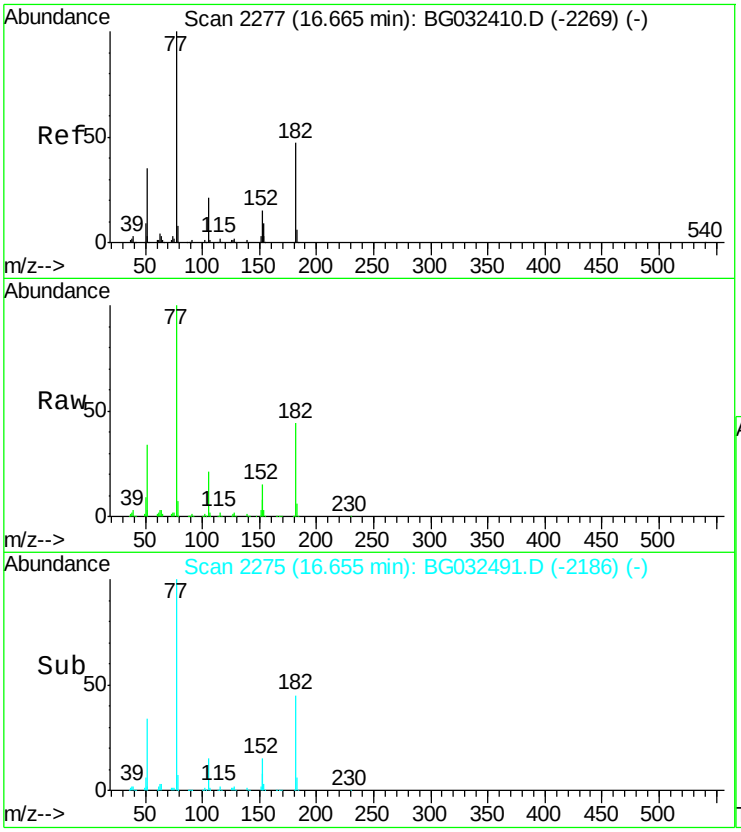


#61
4-Nitroaniline
Concen: 40.791 ng
RT: 16.40 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:138 Resp: 58932

Ion	Ratio	Lower	Upper
138	100		
92	45.6	40.1	80.1
108	108.4	65.4	105.4#



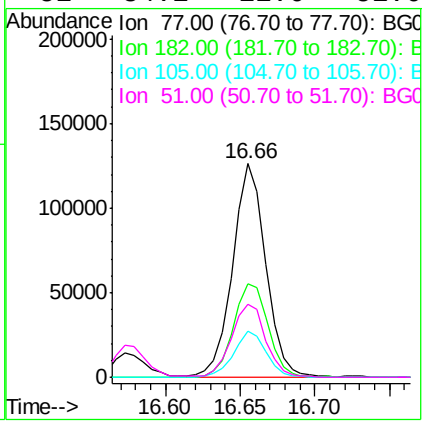


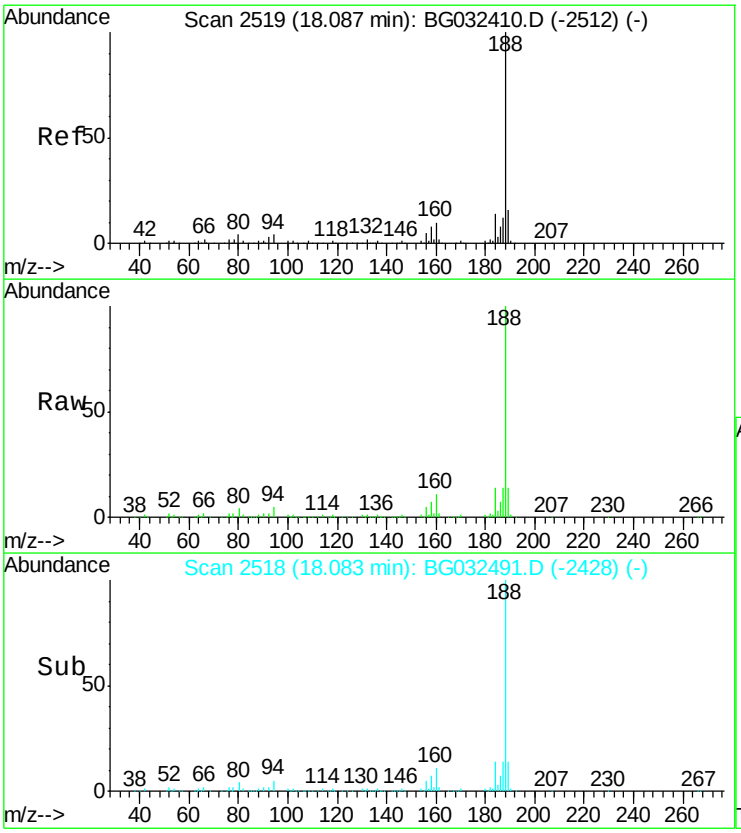
#62
Azobenzene
Concen: 45.255 ng
RT: 16.66 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion: 77 Resp: 193669

Ion	Ratio	Lower	Upper
77	100		
182	43.6	7.4	47.4
105	21.4	0.3	40.3
51	34.1	11.6	51.6

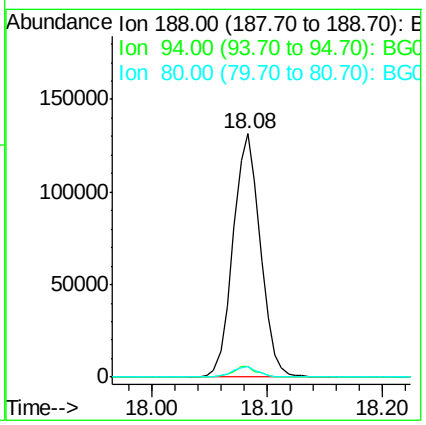


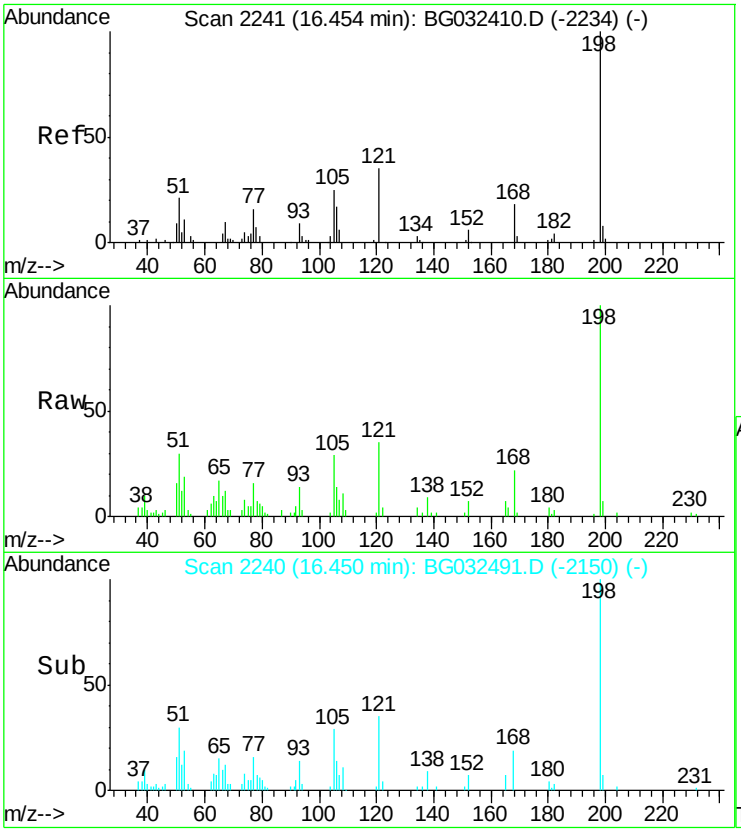


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:188 Resp: 215147

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.2	7.7	11.5#



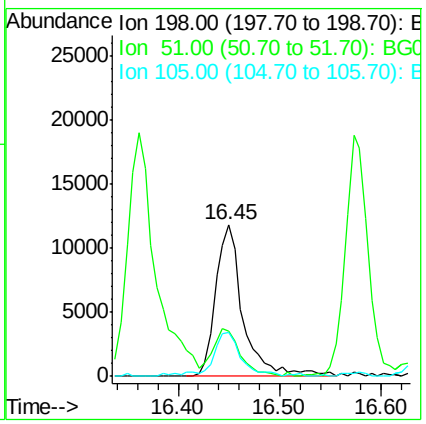


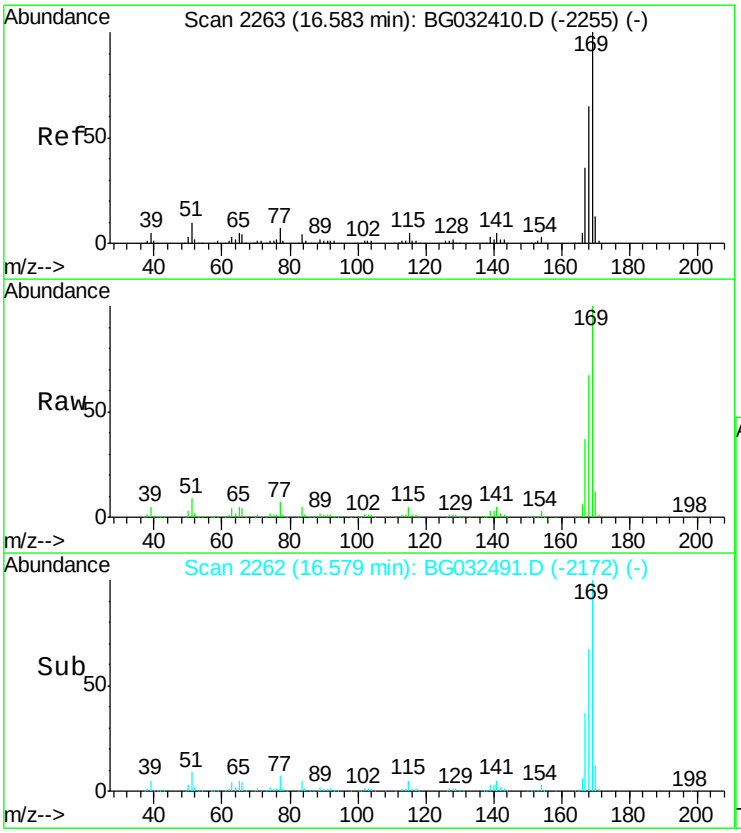
#64
4,6-Dinitro-2-methylphenol
Concen: 13.791 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:198 Resp: 22166

Ion	Ratio	Lower	Upper
198	100		
51	29.8	30.6	70.6#
105	29.1	23.8	63.8

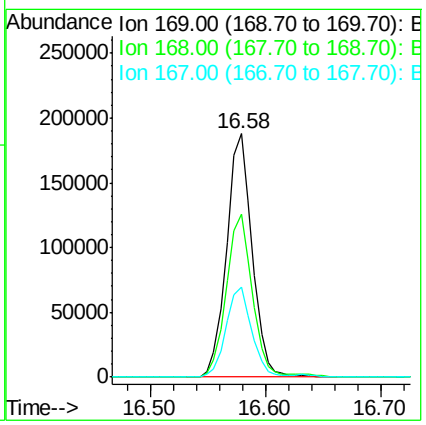


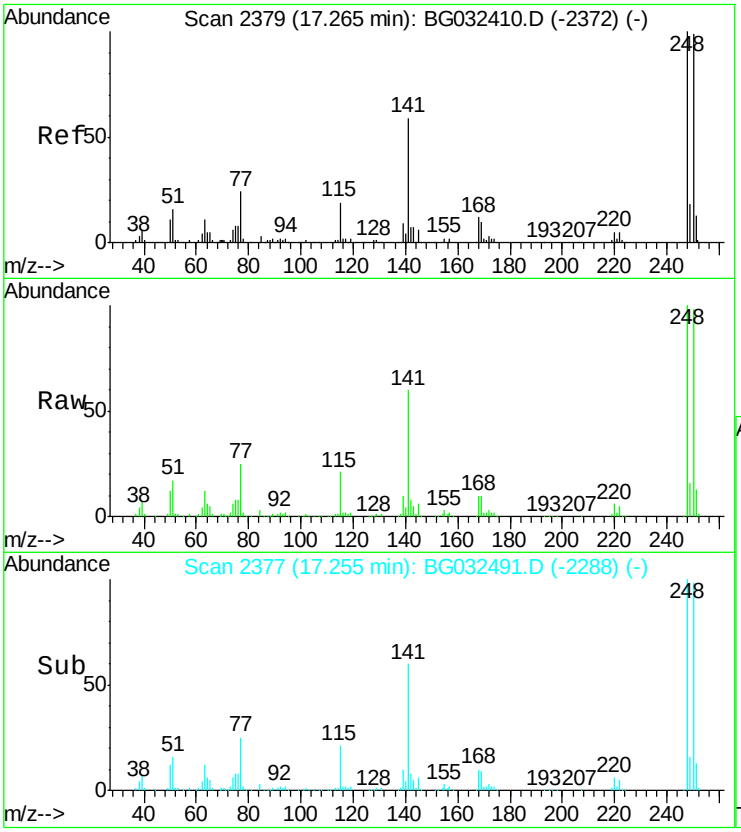


#65
n-Nitrosodiphenylamine
Concen: 44.790 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:169 Resp: 287583

Ion	Ratio	Lower	Upper
169	100		
168	67.1	55.7	83.5
167	37.2	30.1	45.1



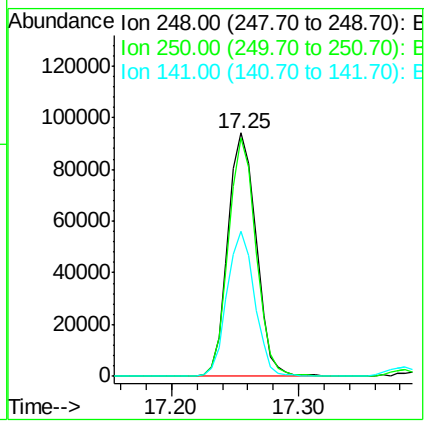


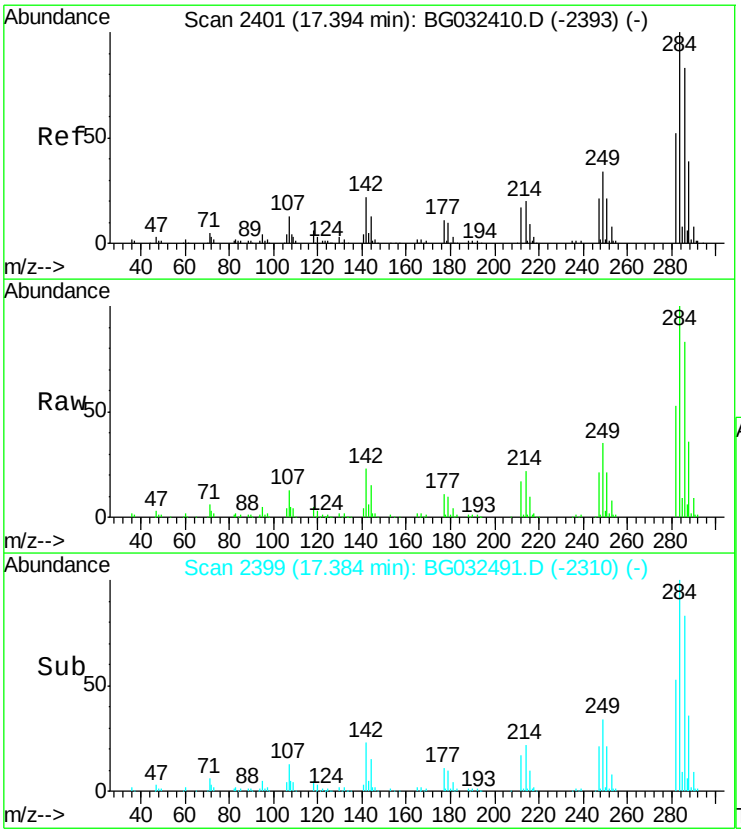
#66
4-Bromophenyl-phenylether
Concen: 45.512 ng
RT: 17.25 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:248 Resp: 145063

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.1	115.7
141	59.7	50.8	76.2

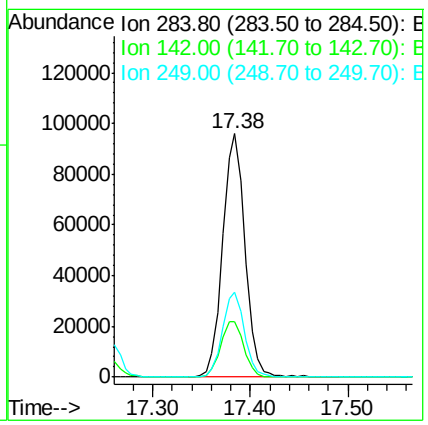


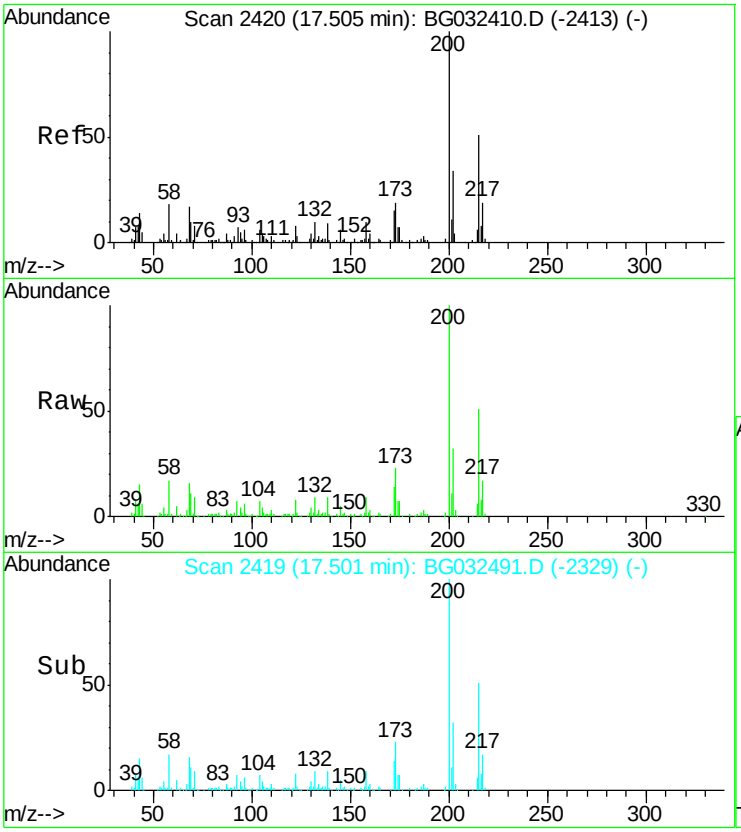


#67
Hexachlorobenzene
Concen: 43.160 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:284 Resp: 152237

Ion	Ratio	Lower	Upper
284	100		
142	22.9	26.8	40.2#
249	34.7	26.3	39.5



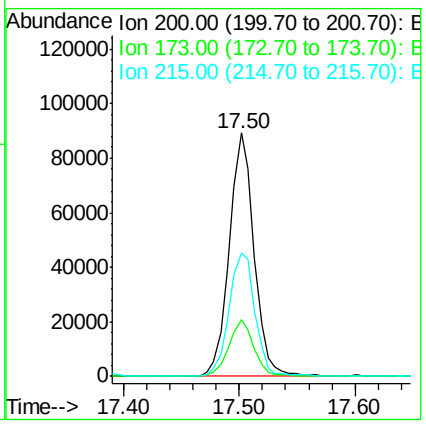


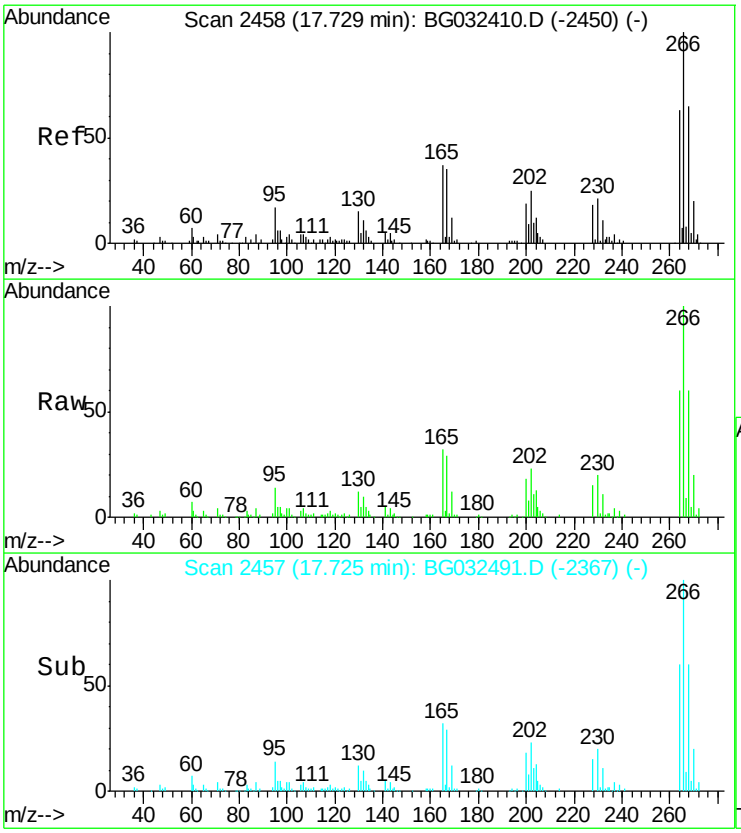
#68
Atrazine
Concen: 48.128 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:200 Resp: 132655

Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.2	45.2
215	50.6	30.4	70.4

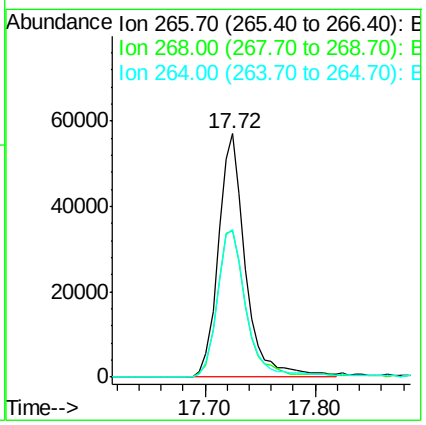


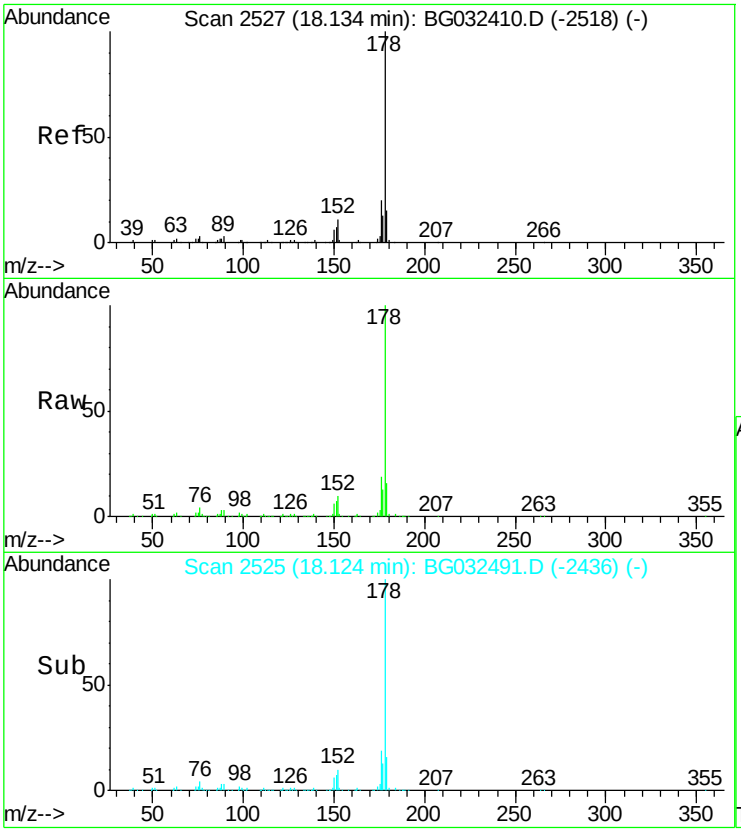


#69
Pentachlorophenol
Concen: 44.053 ng
RT: 17.72 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:266 Resp: 97341

Ion	Ratio	Lower	Upper
266	100		
268	60.0	51.1	76.7
264	60.4	49.6	74.4



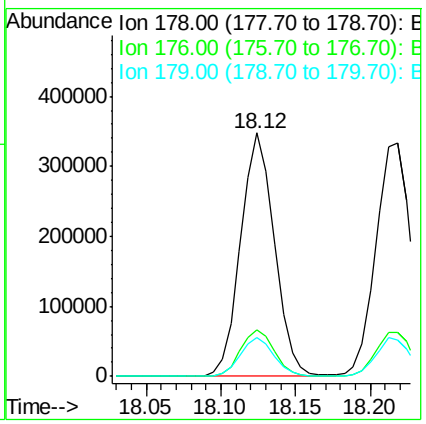


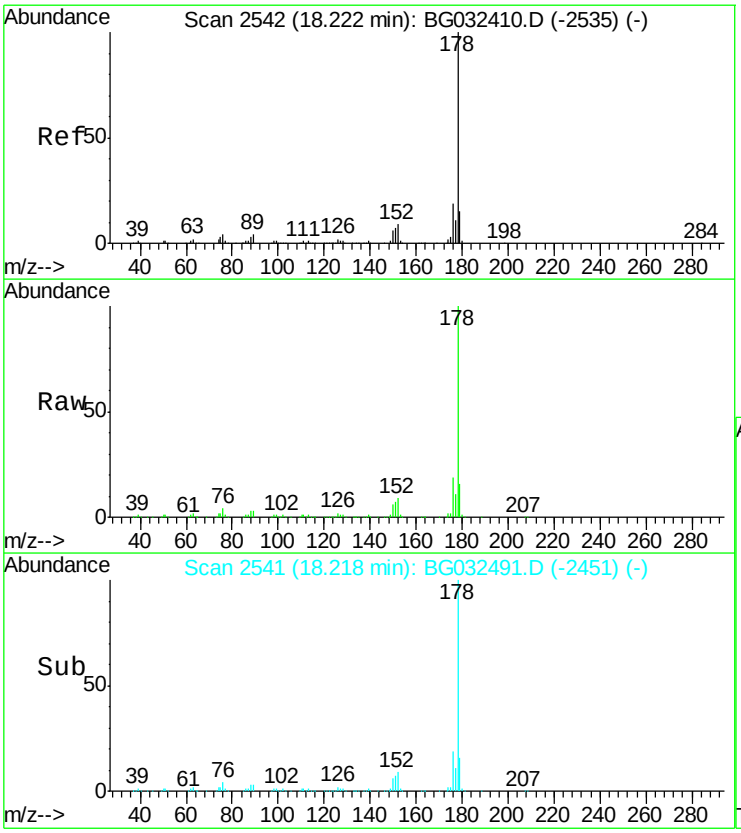
#70
Phenanthrene
Concen: 45.409 ng
RT: 18.12 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:178 Resp: 544817

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.1	12.5	18.7

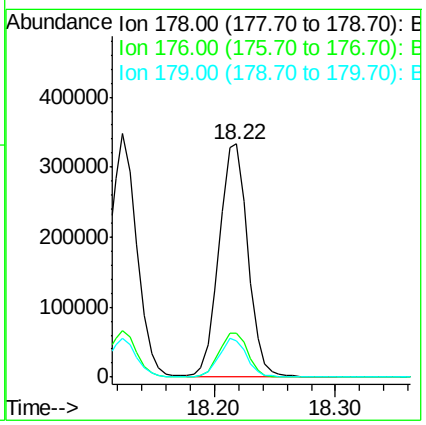


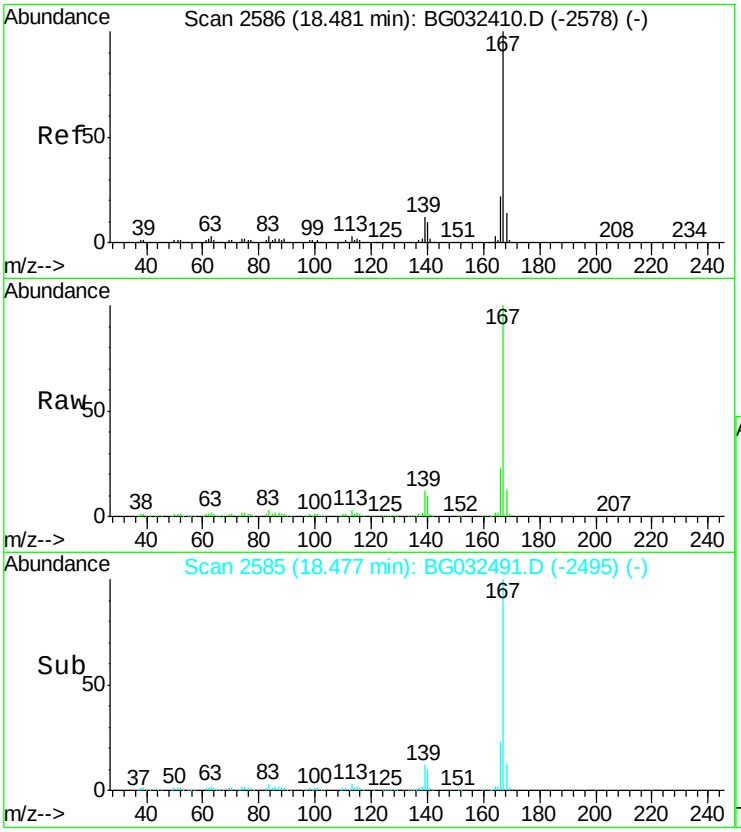


#71
Anthracene
Concen: 45.986 ng
RT: 18.22 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:178 Resp: 549382

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.8	12.5	18.7



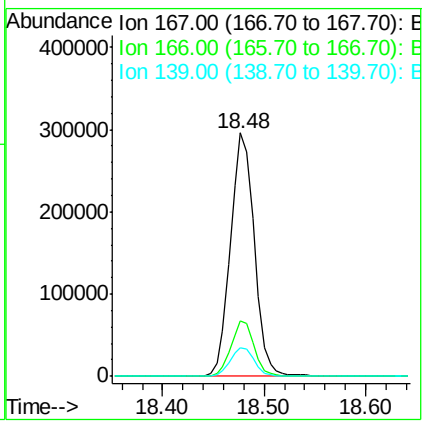


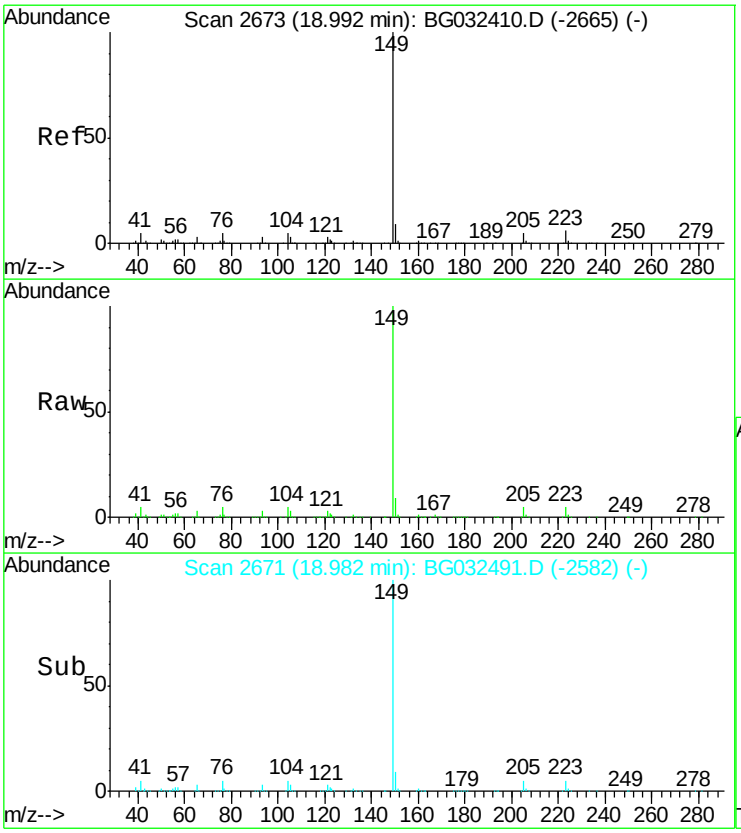
#72
Carbazole
Concen: 45.818 ng
RT: 18.48 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:167 Resp: 483630

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	11.8	9.4	14.2

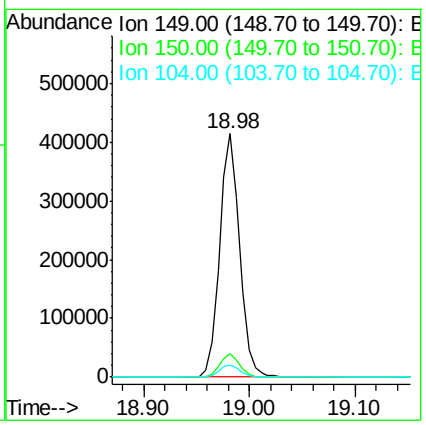


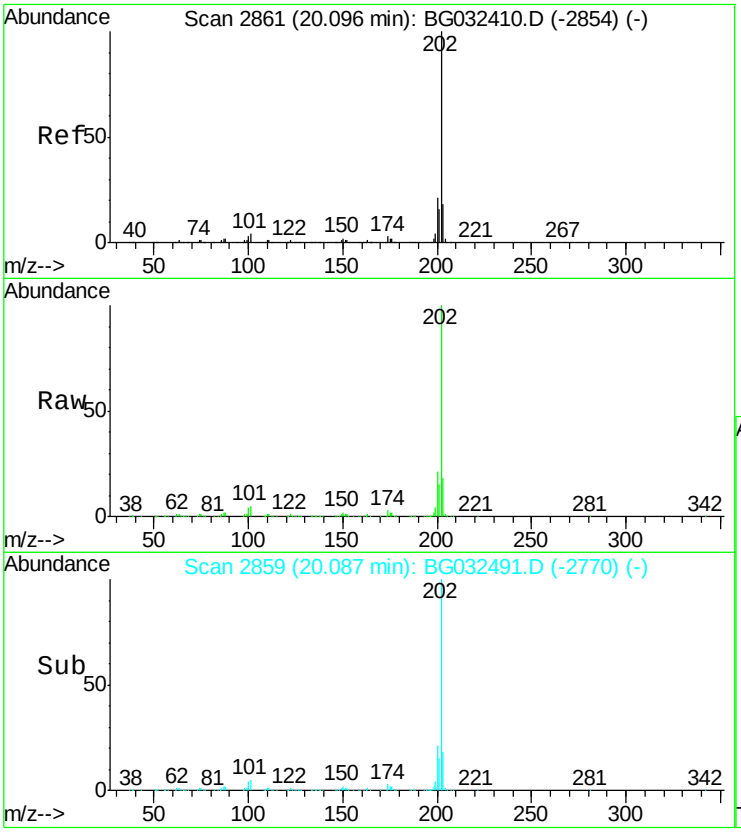


#73
Di-n-butylphthalate
Concen: 46.617 ng
RT: 18.98 min Scan# 2671
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:149 Resp: 544795

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.1	3.9	5.9



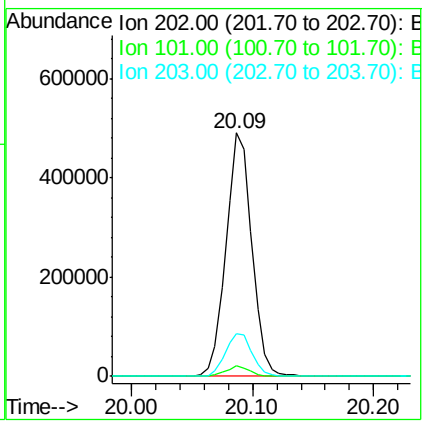


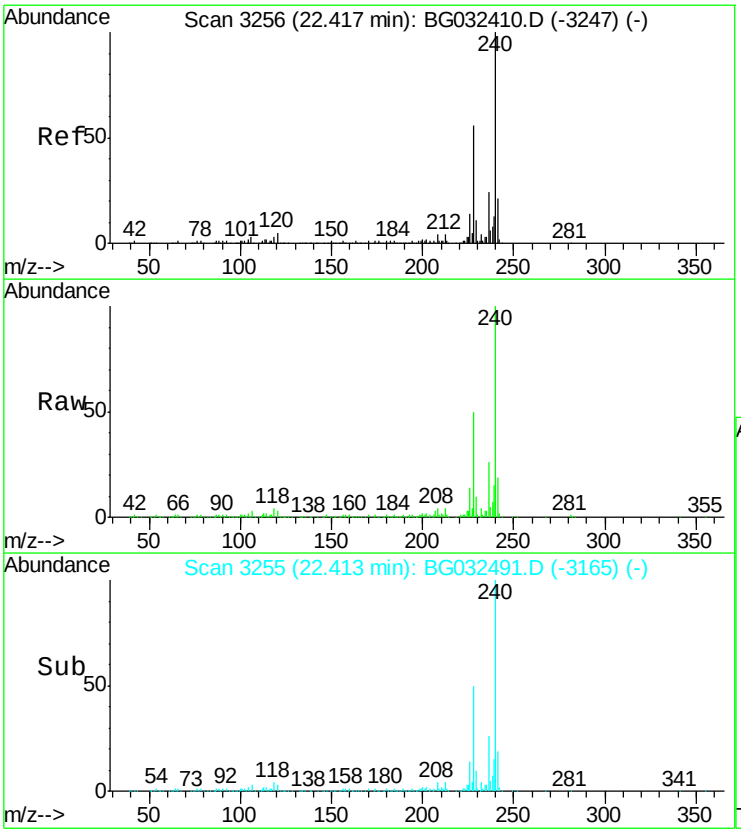
#74
Fluoranthene
Concen: 45.966 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:202 Resp: 723257

Ion	Ratio	Lower	Upper
202	100		
101	4.5	0.0	28.9
203	17.7	0.0	37.5

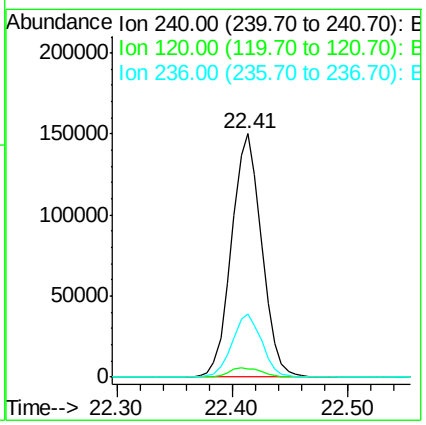


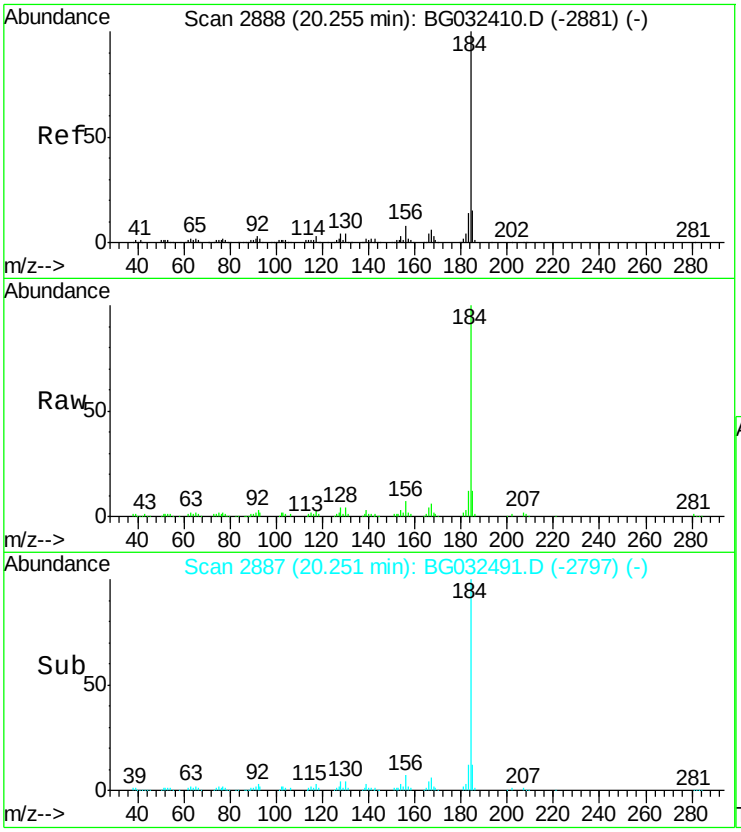


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:240 Resp: 270477

Ion	Ratio	Lower	Upper
240	100		
120	3.3	6.8	10.2#
236	25.9	20.9	31.3



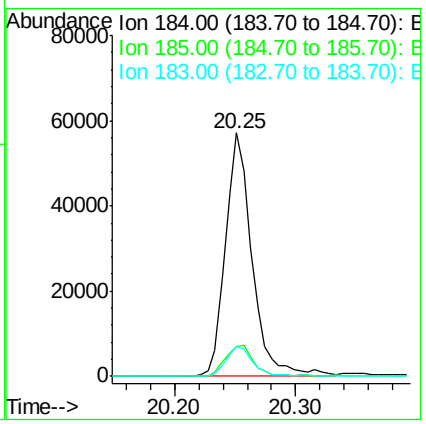


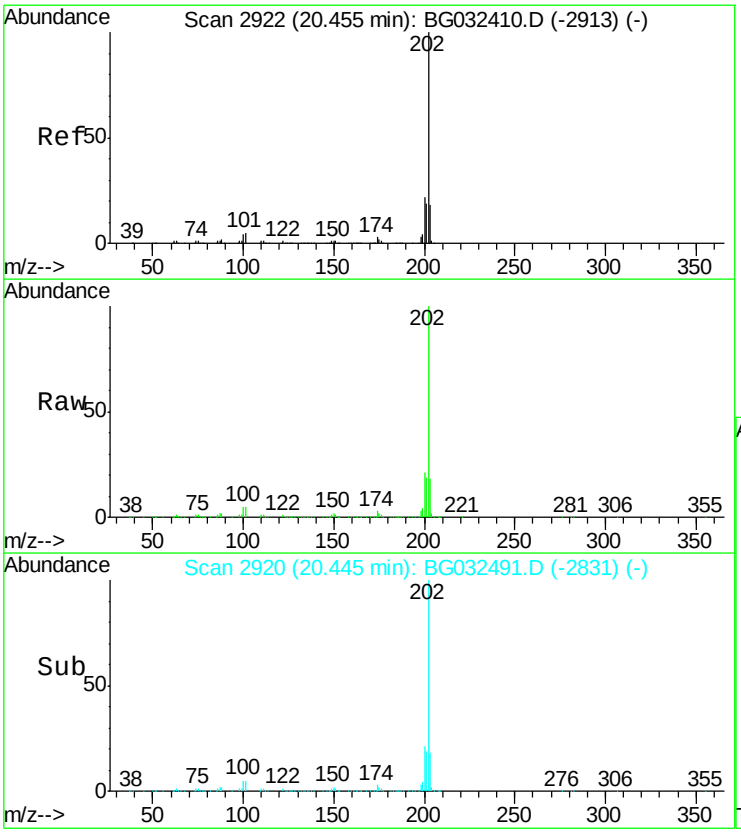
#76
Benzidine
Concen: 16.550 ng
RT: 20.25 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:184 Resp: 87899

Ion	Ratio	Lower	Upper
184	100		
185	12.1	11.1	16.7
183	12.4	10.6	16.0

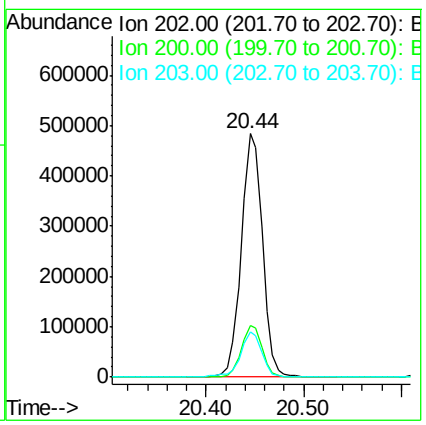


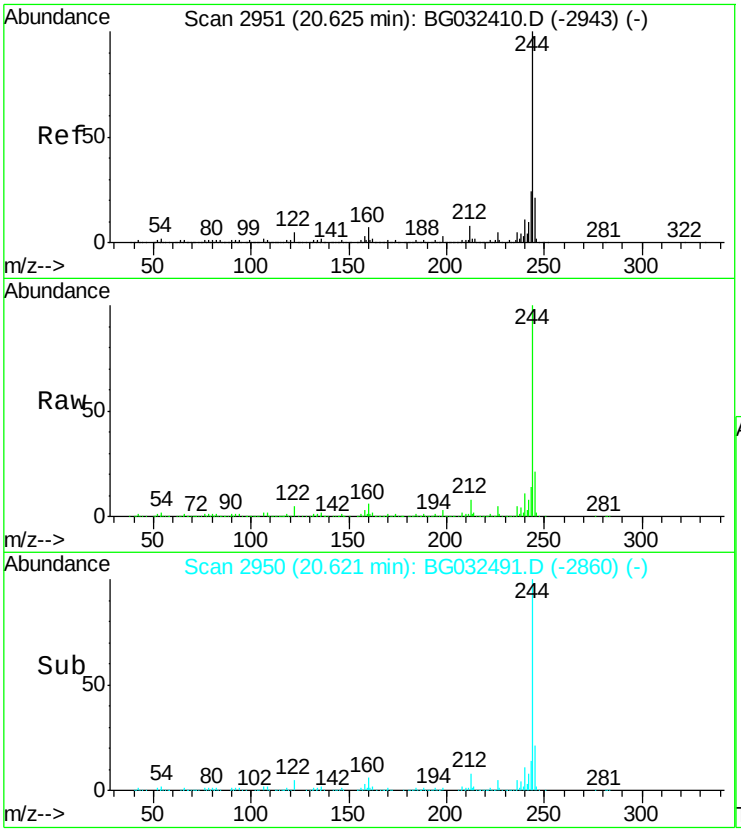


#77
Pyrene
Concen: 43.959 ng
RT: 20.44 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:202 Resp: 729261

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.4	13.9	20.9



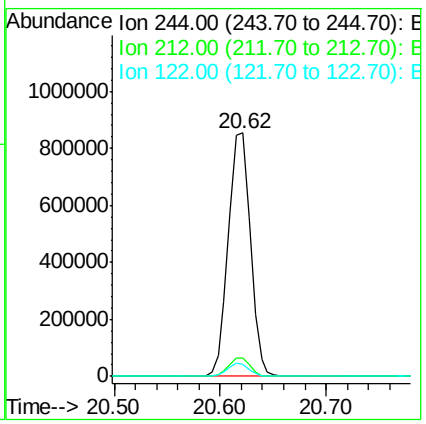


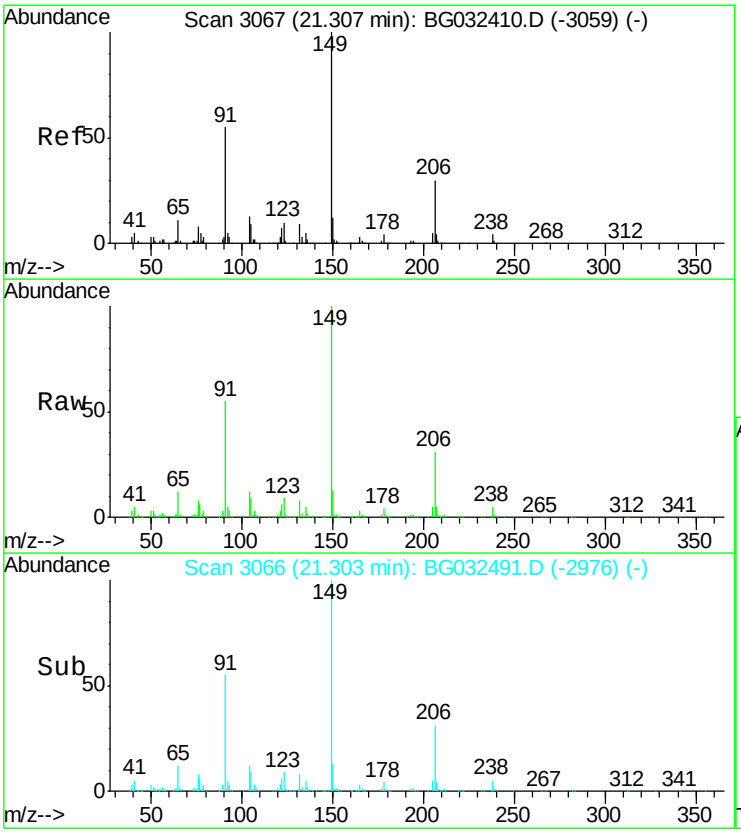
#78
Terphenyl-d14
Concen: 97.708 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:244 Resp: 1233738

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	4.9	7.0	10.4#

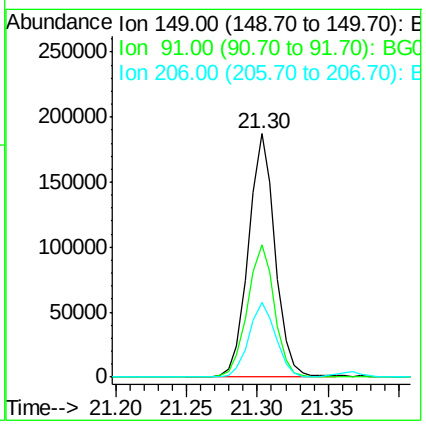


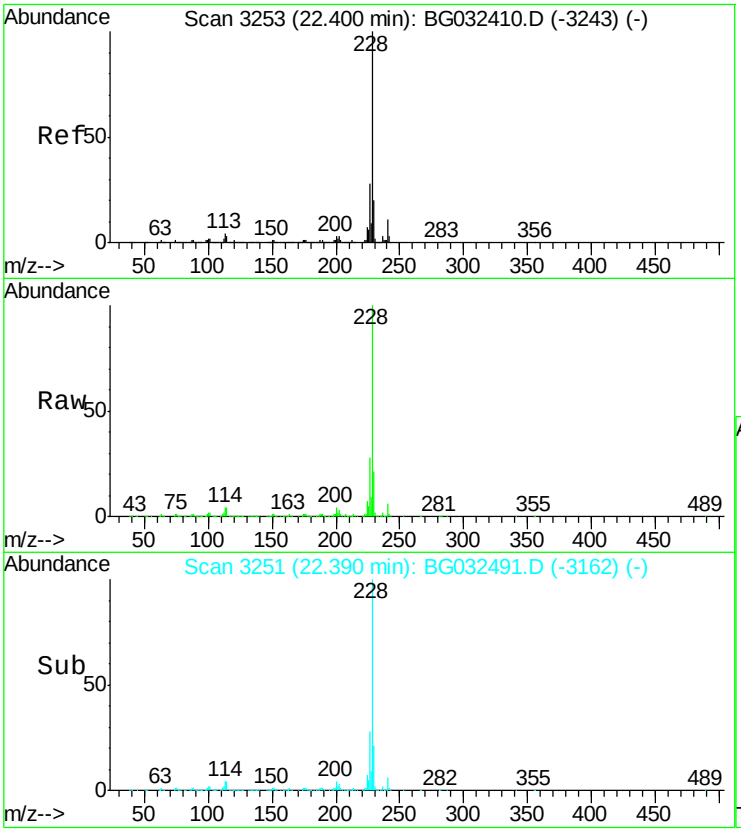


#79
Butylbenzylphthalate
Concen: 47.559 ng
RT: 21.30 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:149 Resp: 248861

Ion	Ratio	Lower	Upper
149	100		
91	54.5	62.2	93.2#
206	30.7	18.6	27.8#



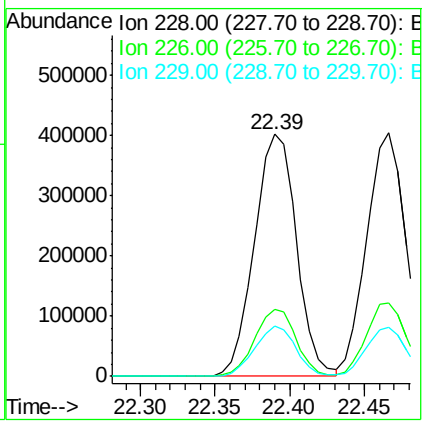


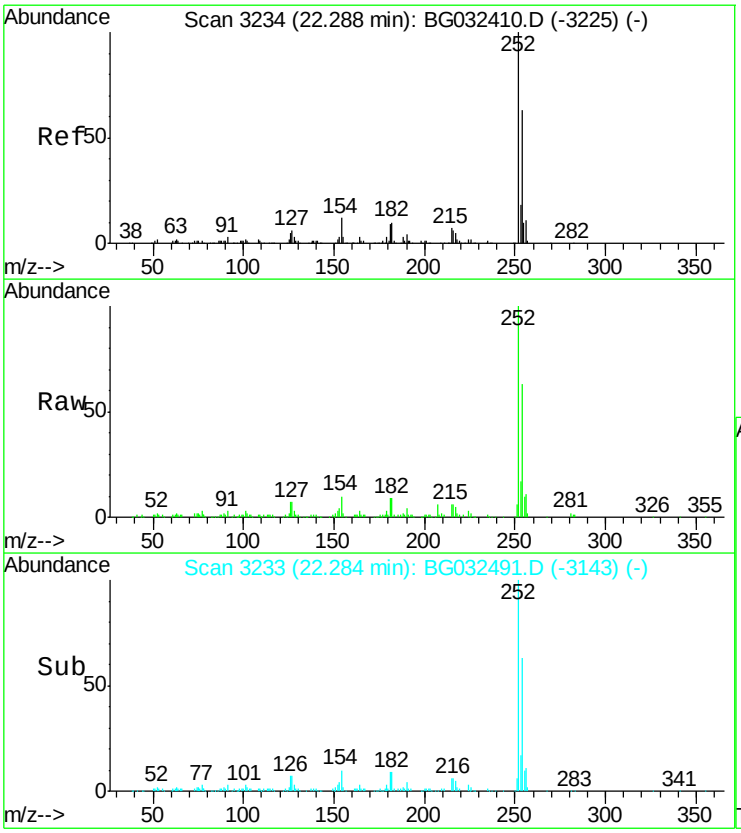
#80
Benzo(a)anthracene
Concen: 46.944 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:228 Resp: 787167

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	21.0	16.2	24.2

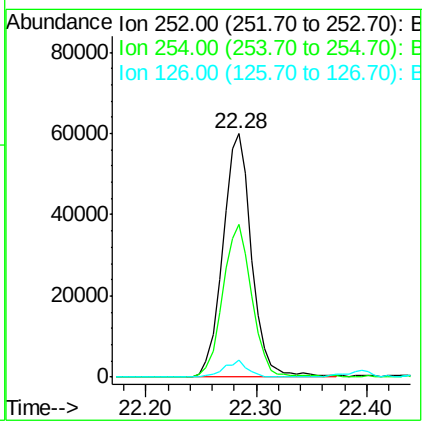


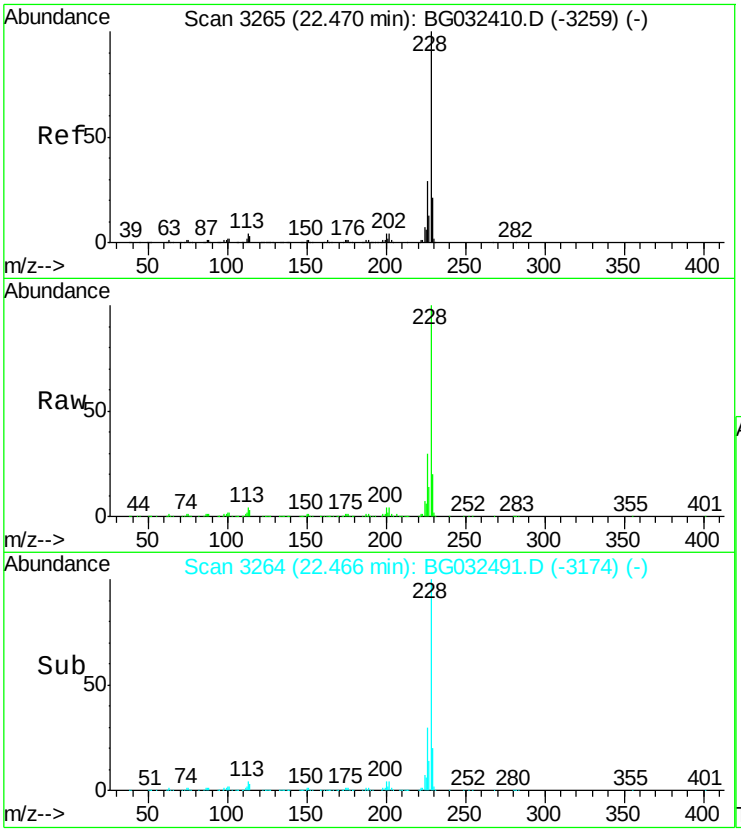


#81
3,3'-Dichlorobenzidine
Concen: 16.744 ng
RT: 22.28 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:252 Resp: 108780

Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.8	76.2
126	6.9	7.4	11.2#



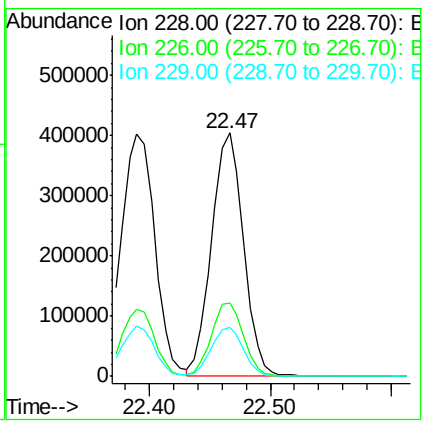


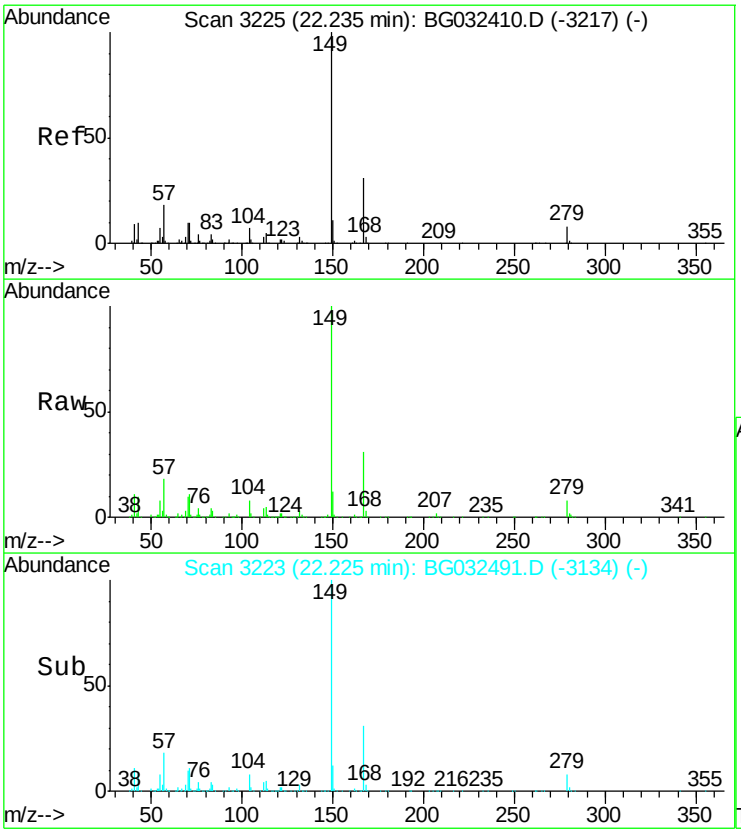
#82
Chrysene
Concen: 45.353 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:228 Resp: 734427

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.0	15.0	22.4

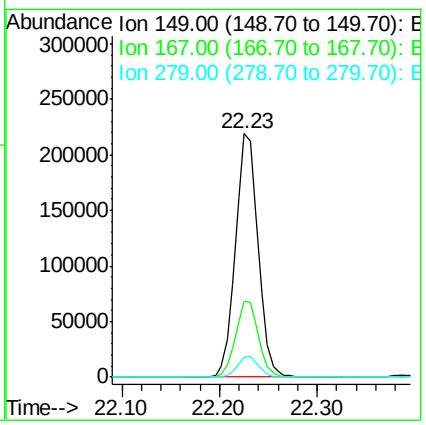


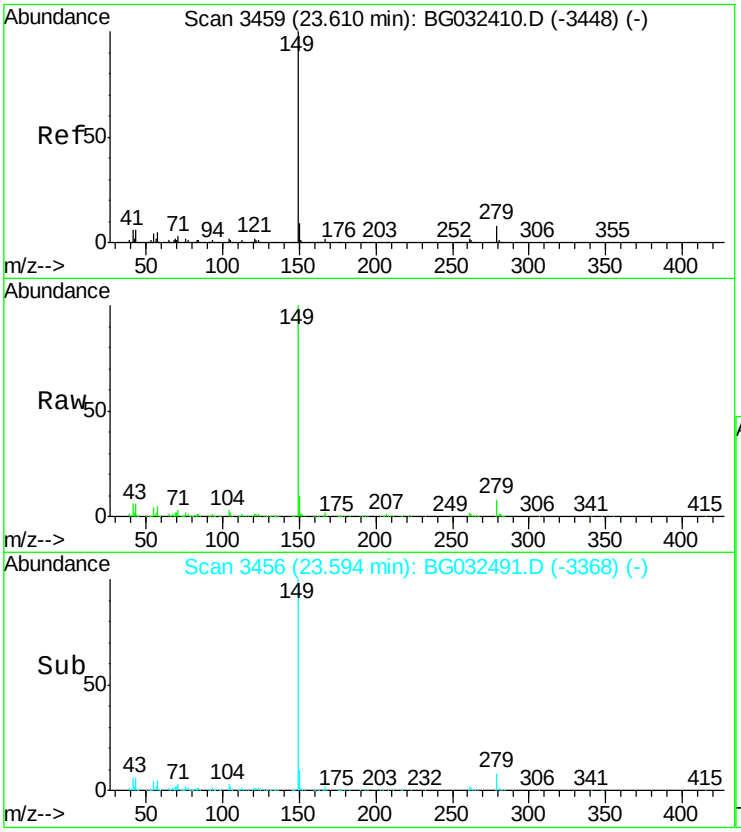


#83
Bis(2-ethylhexyl)phthalate
Concen: 47.456 ng
RT: 22.23 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:149 Resp: 352096

Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.3	36.5
279	7.9	4.0	6.0#



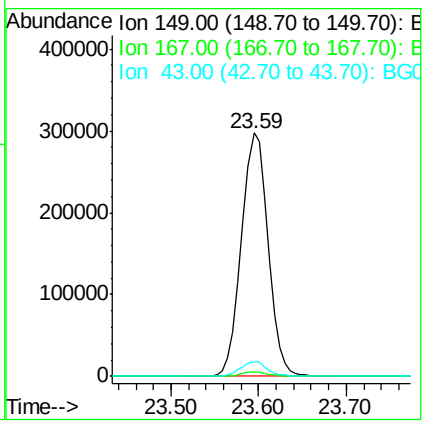


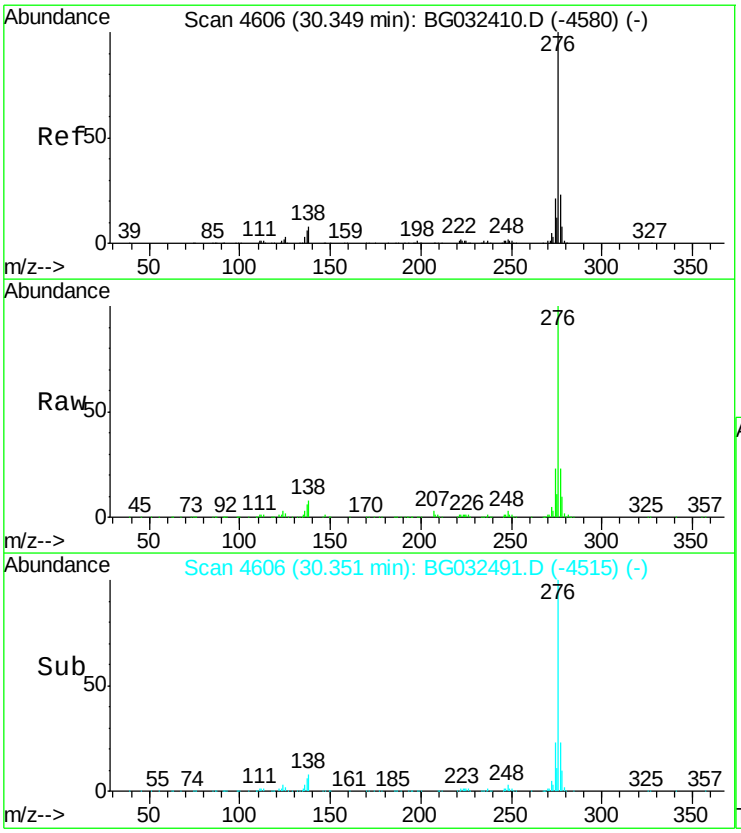
#84
Di-n-octyl phthalate
Concen: 52.118 ng
RT: 23.59 min Scan# 3456
Delta R.T. -0.02 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:149 Resp: 613332

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	5.9	8.9	13.3#

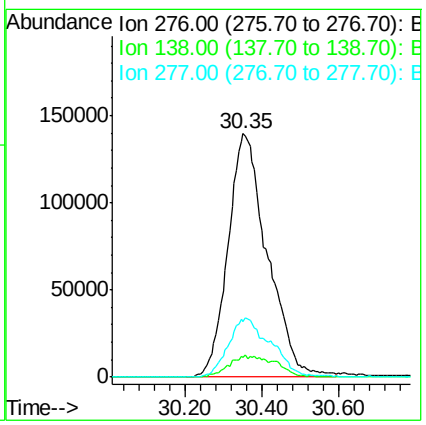


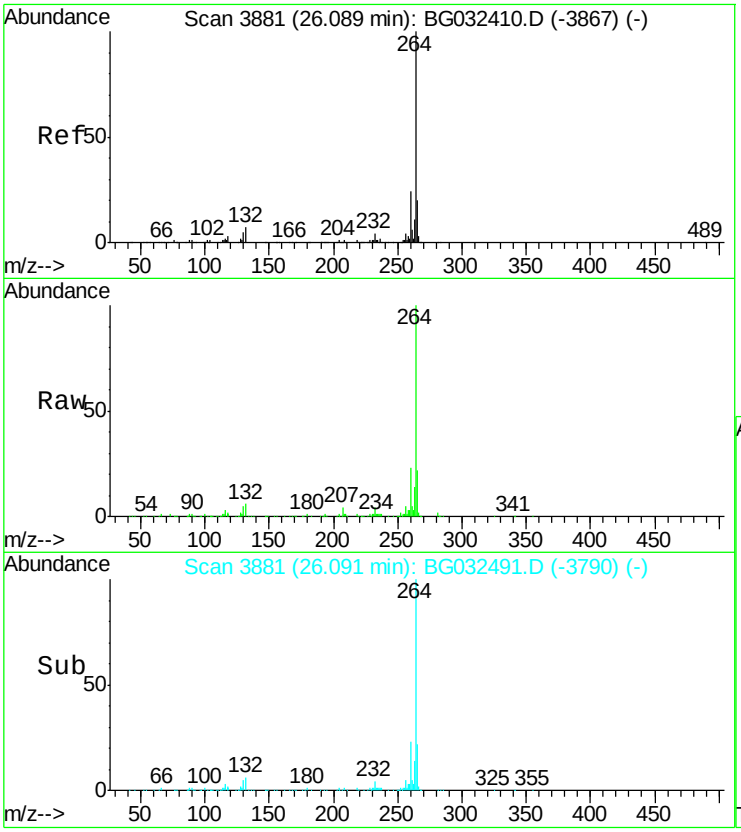


#85
Indeno(1,2,3-cd)pyrene
Concen: 48.445 ng
RT: 30.35 min Scan# 4606
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:276 Resp: 992421

Ion	Ratio	Lower	Upper
276	100		
138	4.4	16.0	24.0#
277	26.0	20.0	30.0



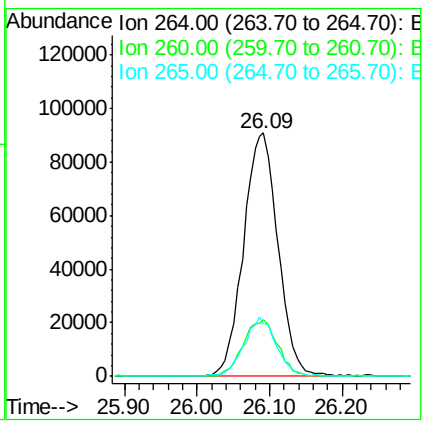


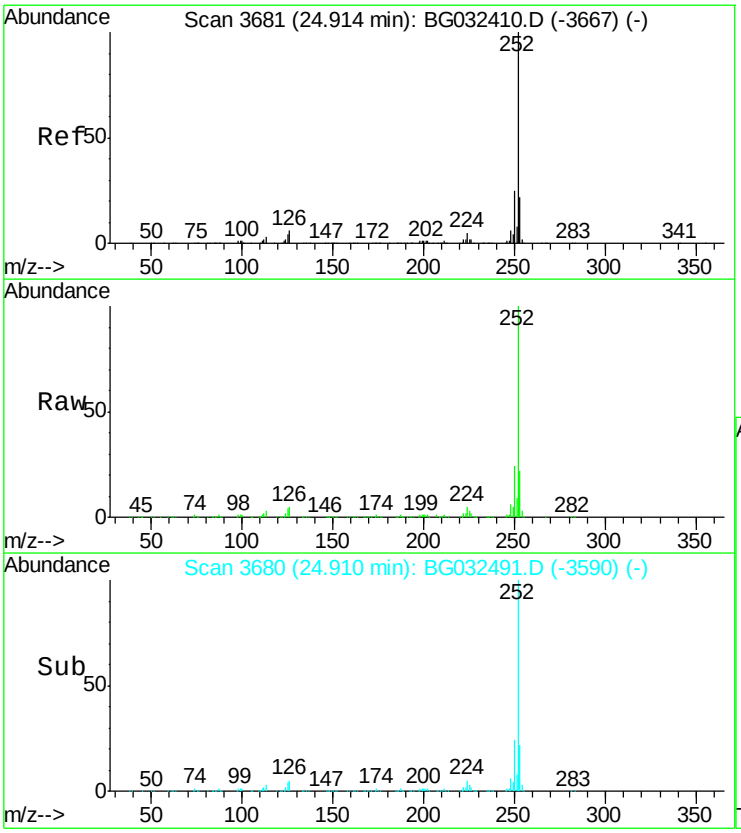
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3881
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:264 Resp: 299824

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.8	17.7	26.5

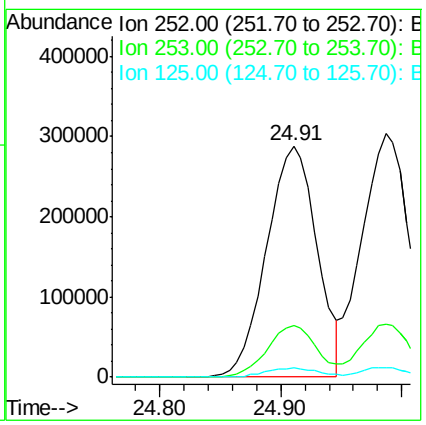


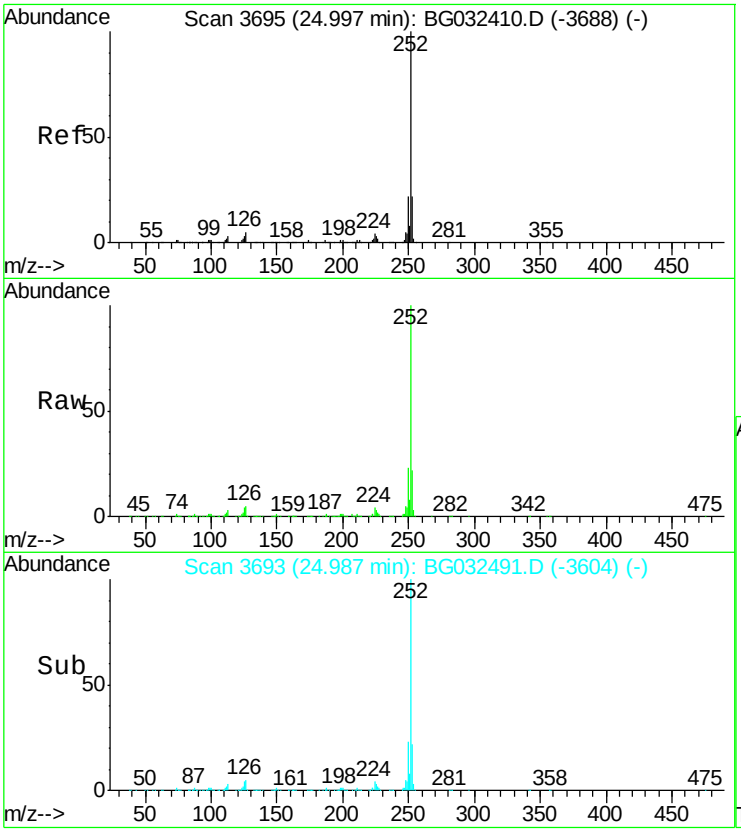


#87
Benzo(b)fluoranthene
Concen: 45.920 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:252 Resp: 831898

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	4.3	7.2	10.8#



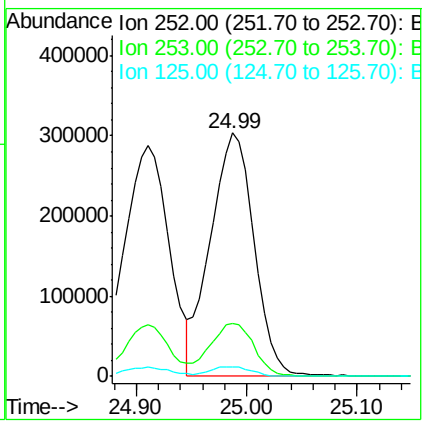


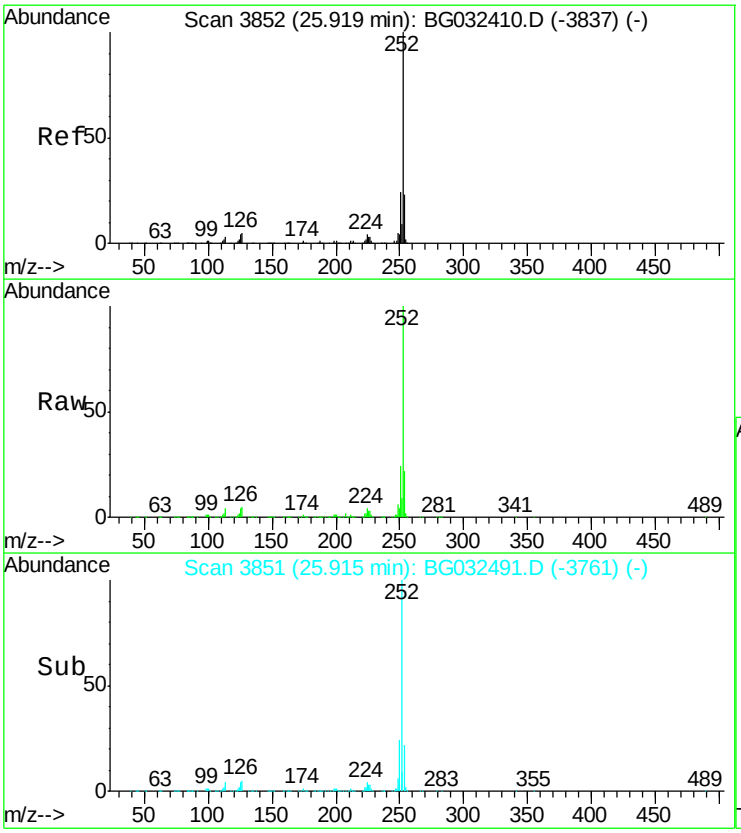
#88
Benzo(k)fluoranthene
Concen: 46.336 ng
RT: 24.99 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:252 Resp: 831559

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	3.9	6.6	9.8#

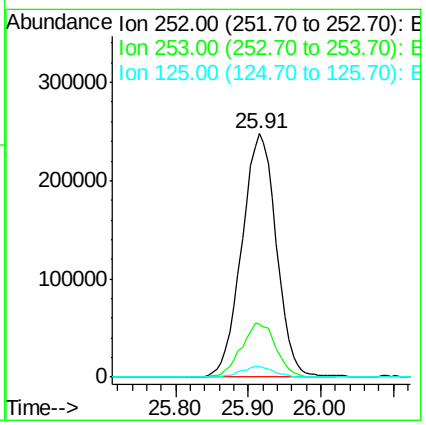


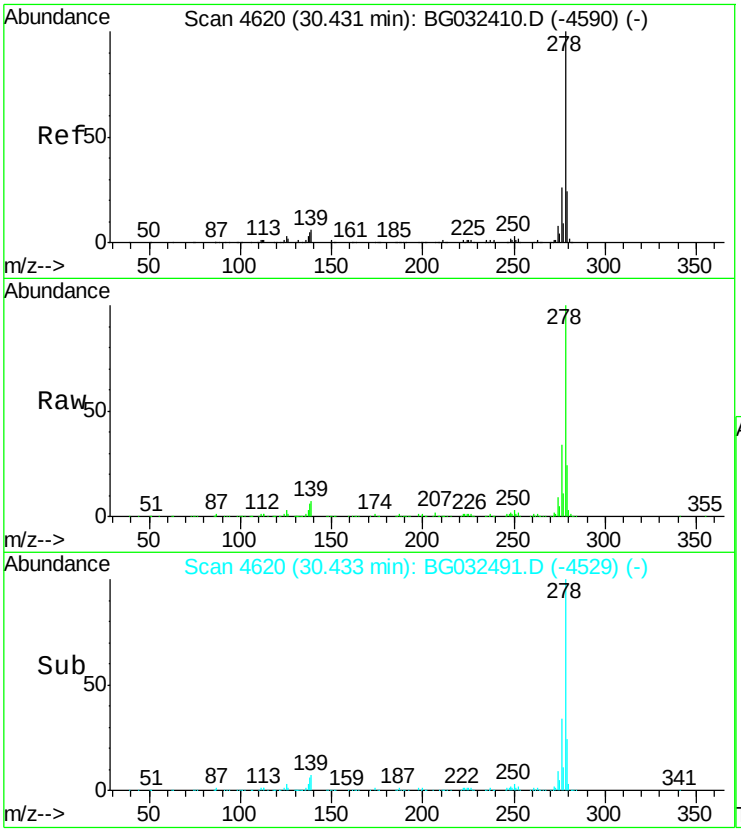


#89
Benzo(a)pyrene
Concen: 47.236 ng
RT: 25.91 min Scan# 3851
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:252 Resp: 815807

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	4.2	7.3	10.9#



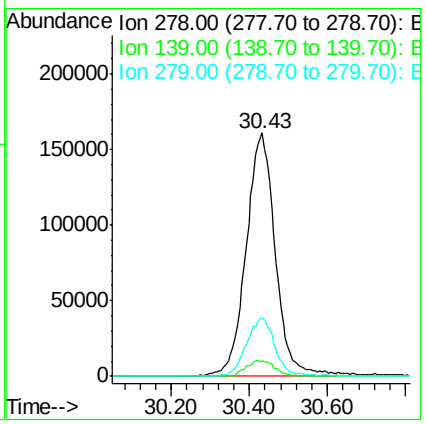


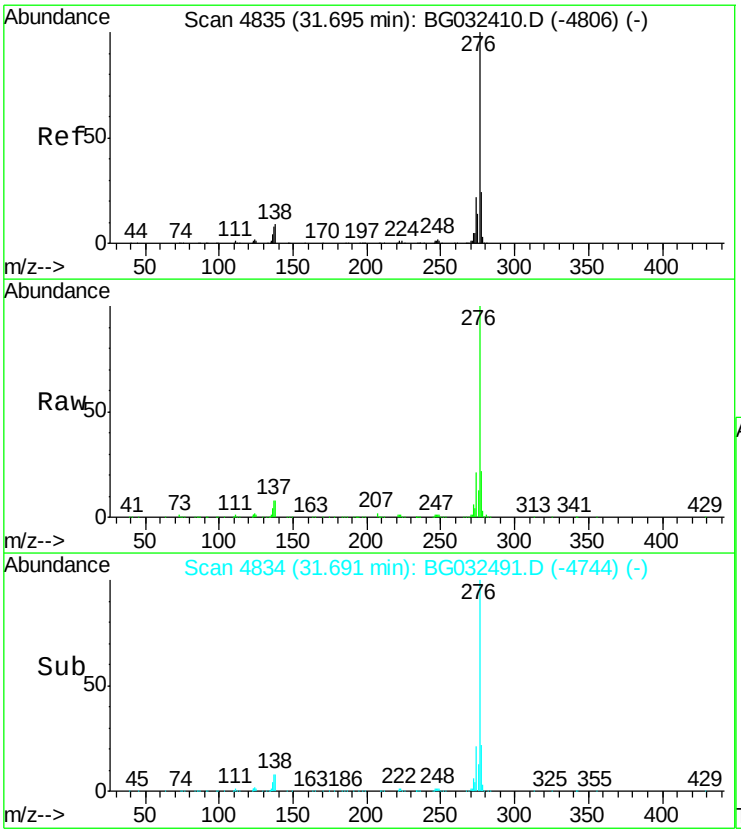
#90
Dibenzo(a,h)anthracene
Concen: 47.290 ng
RT: 30.43 min Scan# 4620
Delta R.T. 0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MSD

Tgt Ion:278 Resp: 835502

Ion	Ratio	Lower	Upper
278	100		
139	6.5	9.8	14.6#
279	24.0	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 45.492 ng
RT: 31.69 min Scan# 4834
Delta R.T. -0.00 min
Lab File: BG032491.D
Acq: 1 Feb 2018 15:49

Tgt Ion:276 Resp: 797789

Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.3	27.5
138	8.2	13.9	20.9#