Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023802.D
Acq On : 20 Aug 2016 5:17
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02016

Quant Time: Aug 22 03:36:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	109381	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	466396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	291694	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	657793	20.00	ng/ul	0.10
75) Chrysene-d12	21.84	240	763064	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	729493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	20611	8.55	ng/uL	0.00
5) Phenol-d5	7.25	99	216464	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	144702	20.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	152529	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	160813	20.05	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	76118	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	88465	20.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	159542	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	201177	21.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	492805	20.38	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	569806	20.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	75589	19.34	ng/ul	0.00
57) Fluorene-d10	15.76	176	432882	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	359	0.09	ng/ul	0.10
70) Anthracene-d10	17.63	188	657793	21.69	ng/ul	0.00
76) Pyrene-d10	19.92	212	755443	20.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	699892	20.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	21987	8.70	ng/uL#	85
4) Benzaldehyde	7.22	77	146831	22.19	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.50	93	169221	21.11	ng/ul#	86
10) 2-Chlorophenol	7.66	128	155590	20.95	ng/ul#	85
11) 2-Methylphenol	8.54	108	160209	20.05	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.63	45	236240	20.61	ng/ul	97
14) Acetophenone	8.93	105	266316	20.42	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.90	70	161403	19.99	ng/ul#	87
16) 4-Methylphenol	8.88	108	173685	19.98	ng/ul	95
17) Hexachloroethane	9.18	117	71199	21.72	ng/ul#	78
20) Nitrobenzene	9.32	77	227978	20.68	ng/ul#	84
21) Isophorone	9.84	82	409500	20.07	ng/ul#	90
23) 2-Nitrophenol	10.04	139	94418	20.40	ng/ul#	69
24) 2,4-Dimethylphenol	10.09	107	205809	20.60	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.32	93	232379	20.25	ng/ul#	98
27) 2,4-Dichlorophenol	10.58	162	158723	20.47	ng/ul	92
28) Naphthalene	10.98	128	495570	20.77	ng/ul	98
30) 4-Chloroaniline	11.09	127	201859	21.66	ng/ul	98
31) Hexachlorobutadiene	11.26	225	118288	21.21	ng/ul	95
32) Caprolactam	11.86	113	48157	15.94	ng/ul#	23
33) 4-Chloro-3-methylphenol	12.22	107	191311	19.96	ng/ul#	84
34) 2-Methylnaphthalene	12.59	142	371011	20.42	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	210754	21.75	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023802.D
Acq On : 20 Aug 2016 5:17
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02016

Quant Time: Aug 22 03:36:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.93	237	68233	16.12 ng/ul	97
38) 2,4,6-Trichlorophenol	13.20	196	133879	21.00 ng/ul	90
39) 2,4,5-Trichlorophenol	13.28	196	137393	20.85 ng/ul	98
40) 1,1'-Biphenyl	13.60	154	479247	21.01 ng/ul	96
41) 2-Chloronaphthalene	13.64	162	369600	21.31 ng/ul	96
42) 2-Nitroaniline	13.85	65	140255	19.49 ng/ul#	62
44) Dimethylphthalate	14.21	163	495695	20.50 ng/ul	97
45) 2,6-Dinitrotoluene	14.35	165	102914	19.94 ng/ul#	85
47) Acenaphthylene	14.49	152	611444	21.43 ng/ul	100
48) 3-Nitroaniline	14.68	138	99042	20.36 ng/ul#	58
49) Acenaphthene	14.84	153	404018	21.14 ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	45240	16.51 ng/ul#	77
52) 4-Nitrophenol	15.00	109	72465	18.46 ng/ul#	73
53) Dibenzofuran	15.16	168	582010	20.95 ng/ul	89
54) 2,4-Dinitrotoluene	15.14	165	154991	20.55 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.40	232	123348	20.30 ng/ul	98
56) Diethylphthalate	15.58	149	505998	20.48 ng/ul	98
58) Fluorene	15.82	166	473733	21.05 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.80	204	241509	21.24 ng/ul	95
60) 4-Nitroaniline	15.85	138	111293	20.61 ng/ul#	62
64) N-Nitrosodiphenylamine	16.02	169	416448	21.38 ng/ul	94
65) 4-Bromophenyl-phenylether	16.71	248	160786	21.22 ng/ul	98
66) Hexachlorobenzene	16.83	284	176906	21.68 ng/ul	97
67) Atrazine	16.97	200	171552	21.51 ng/ul#	95
68) Pentachlorophenol	17.18	266	72353	20.46 ng/ul	87
69) Phenanthrene	17.67	178	773252	22.21 ng/ul	99
71) Anthracene	17.67	178	773252	21.59 ng/ul	99
72) Carbazole	17.94	167	674320	23.08 ng/ul	99
73) Di-n-butylphthalate	18.48	149	853003	21.58 ng/ul#	98
74) Fluoranthene	19.95	202	937724	25.28 ng/ul	96
77) Pyrene	19.95	202	939614	20.84 ng/ul#	91
78) Butylbenzylphthalate	20.82	149	405492	19.88 ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.73	252	326866	21.55 ng/ul#	95
80) Benzo(a)anthracene	21.83	228	917018	20.79 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.70	149	541390	19.73 ng/ul#	98
82) Chrysene	21.90	228	826509	20.82 ng/ul	98
84) Di-n-octyl phthalate	22.96	149	929831	22.18 ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	879202	20.73 ng/ul#	93
86) Benzo(k)fluoranthene	24.21	252	825392	20.15 ng/ul#	92
88) Benzo(a)pyrene	25.06	252	839785	20.63 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.10	276	968671	20.24 ng/ul#	89
90) Dibenzo(a,h)anthracene	29.16	278	825937	20.13 ng/ul#	91
91) Benzo(g,h,i)perylene	30.31	276	521966	13.19 ng/ul#	85

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

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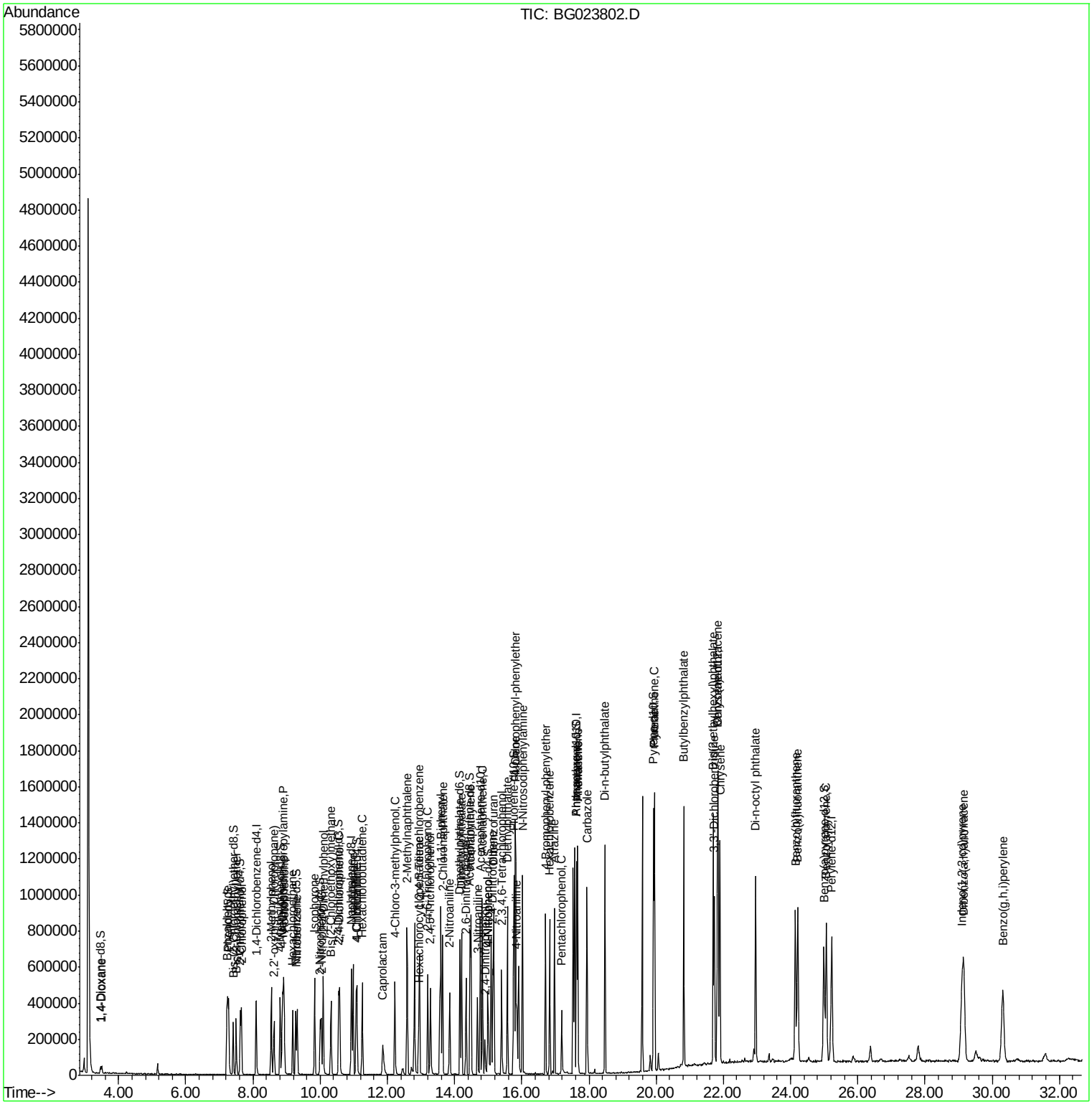
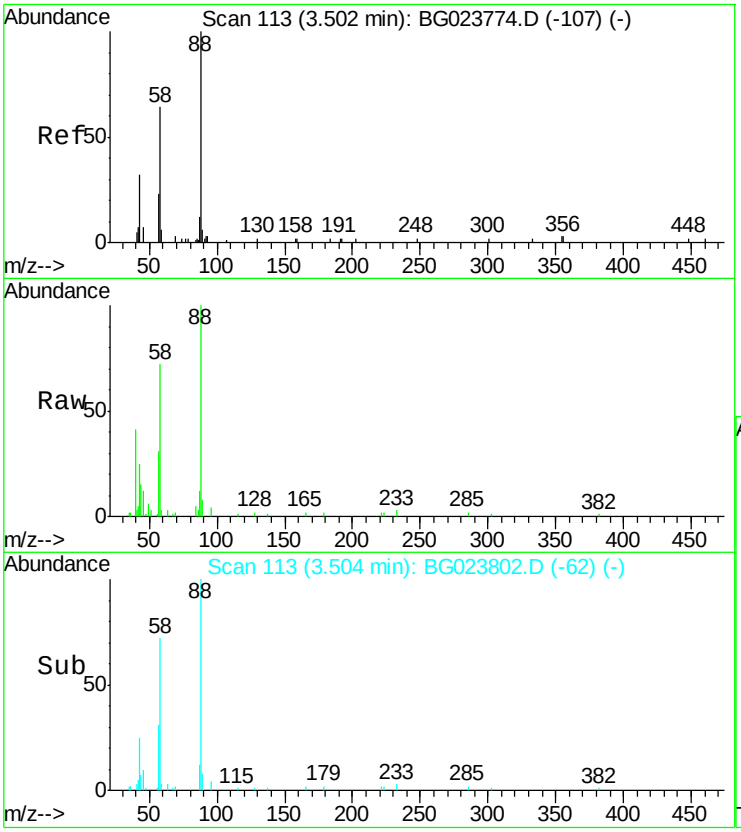
Data Path : Z:\HPCHEM1\BNA_G\Data\BG082016\
Data File : BG023802.D
Acq On : 20 Aug 2016 5:17
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Quant Time: Aug 22 03:36:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:06:00 2016
Response via : Initial Calibration



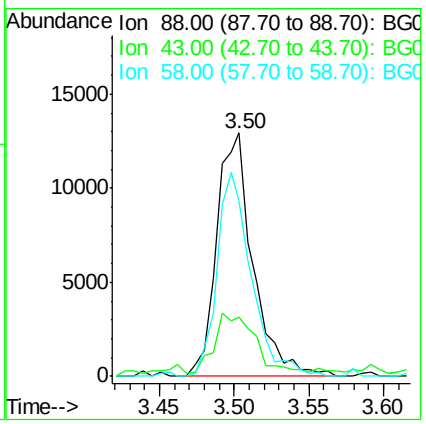


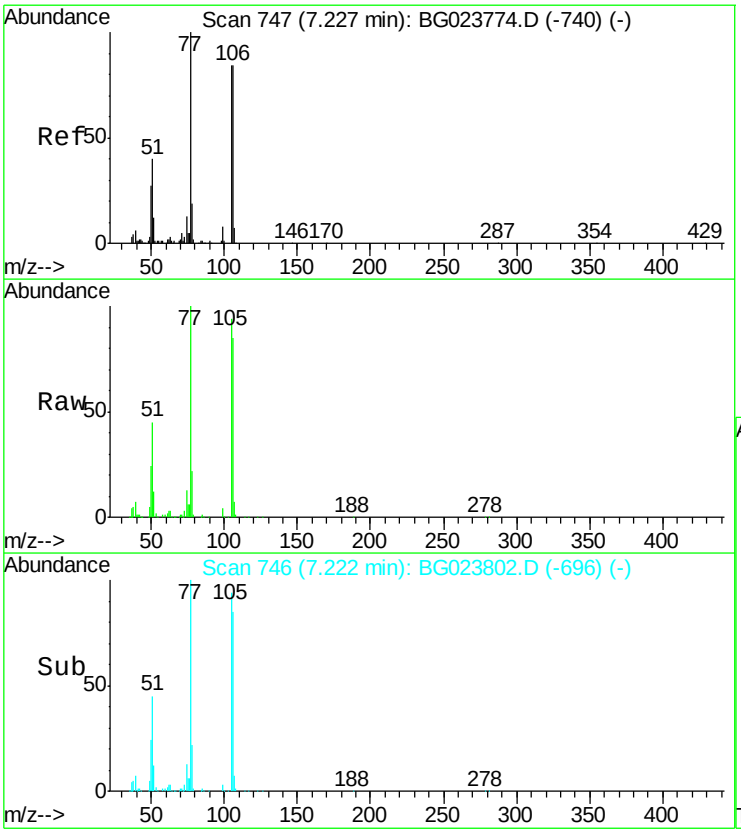
#2
1,4-Dioxane
Concen: 8.70 ng/uL
RT: 3.50 min Scan# 113
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion: 88 Resp: 21987

Ion	Ratio	Lower	Upper
88	100		
43	24.5	16.6	24.8
58	72.0	47.2	70.8#

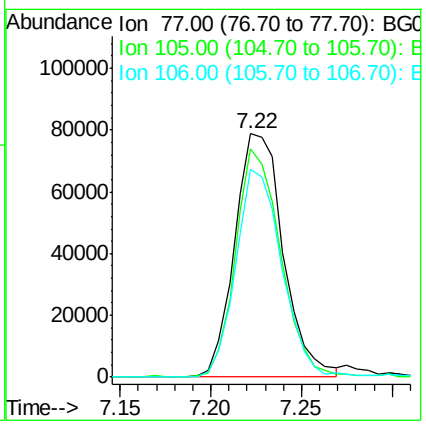


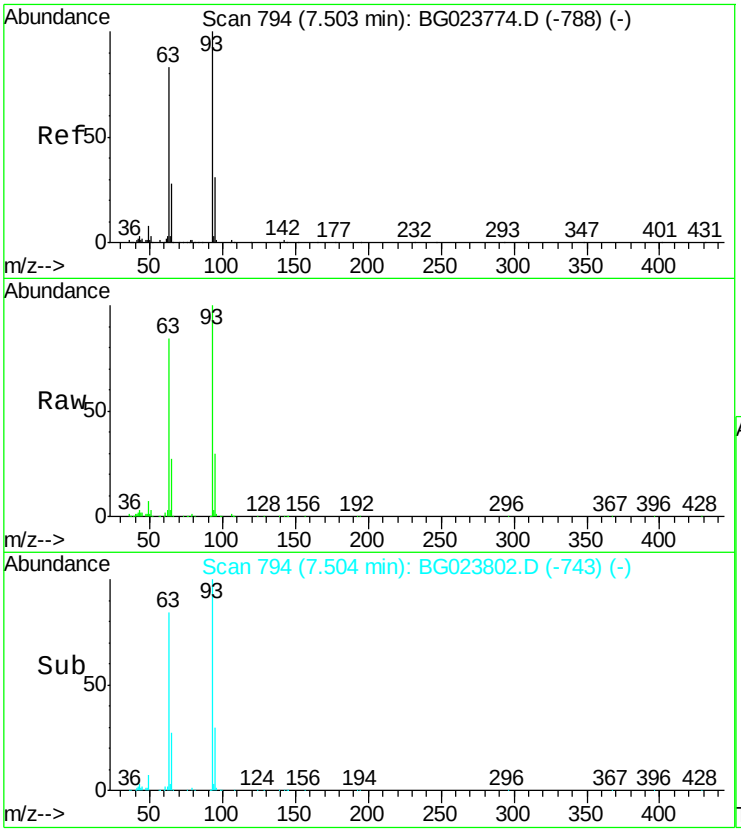


#4
Benzaldehyde
Concen: 22.19 ng/ul
RT: 7.22 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion: 77 Resp: 146831

Ion	Ratio	Lower	Upper
77	100		
105	93.9	83.8	125.8
106	85.4	77.9	116.9



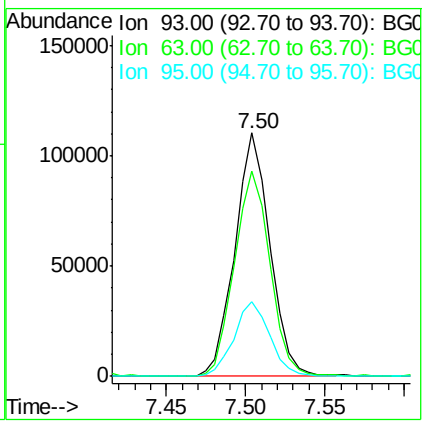


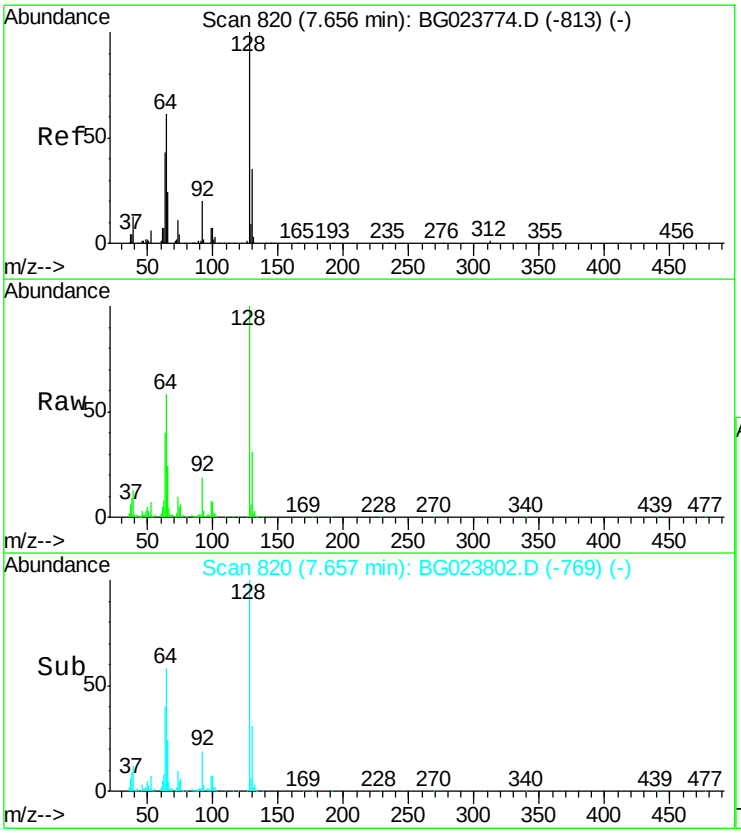
#8
Bis(2-Chloroethyl)ether
Concen: 21.11 ng/ul
RT: 7.50 min Scan# 794
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion: 93 Resp: 169221

Ion	Ratio	Lower	Upper
93	100		
63	84.5	56.0	84.0#
95	30.4	27.7	41.5

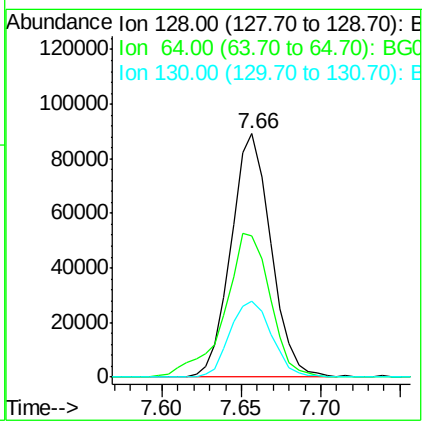


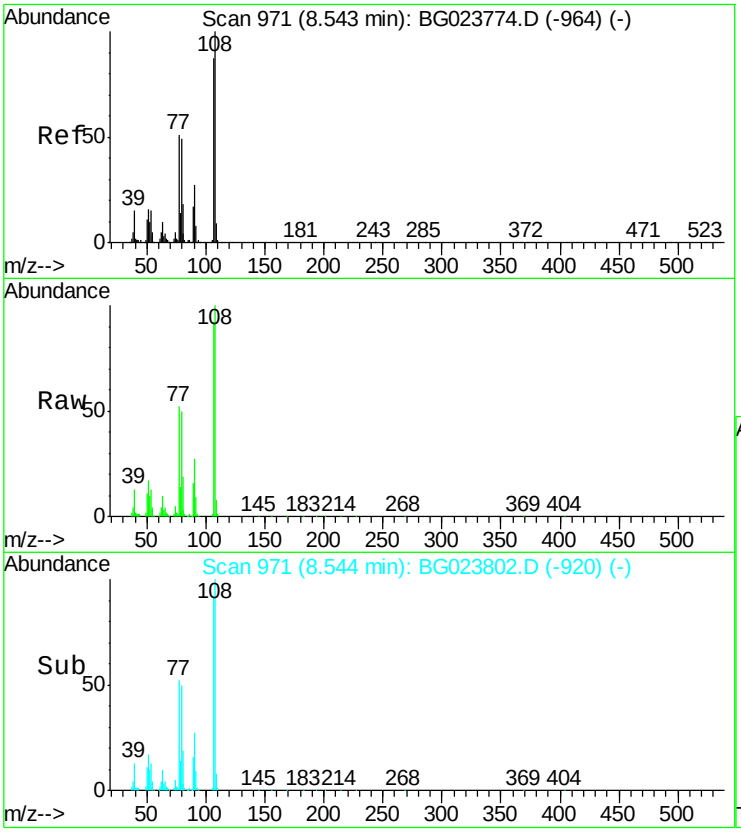


#10
2-Chlorophenol
Concen: 20.95 ng/ul
RT: 7.66 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:128 Resp: 155590

Ion	Ratio	Lower	Upper
128	100		
64	58.2	34.2	51.4#
130	31.3	27.0	40.4



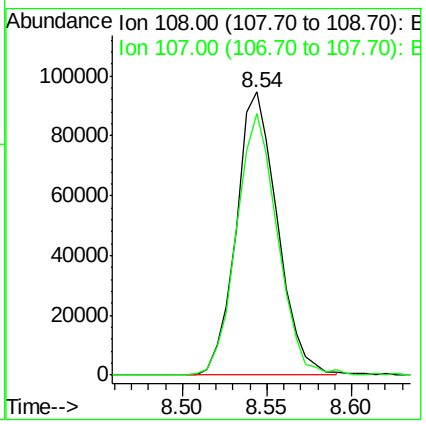


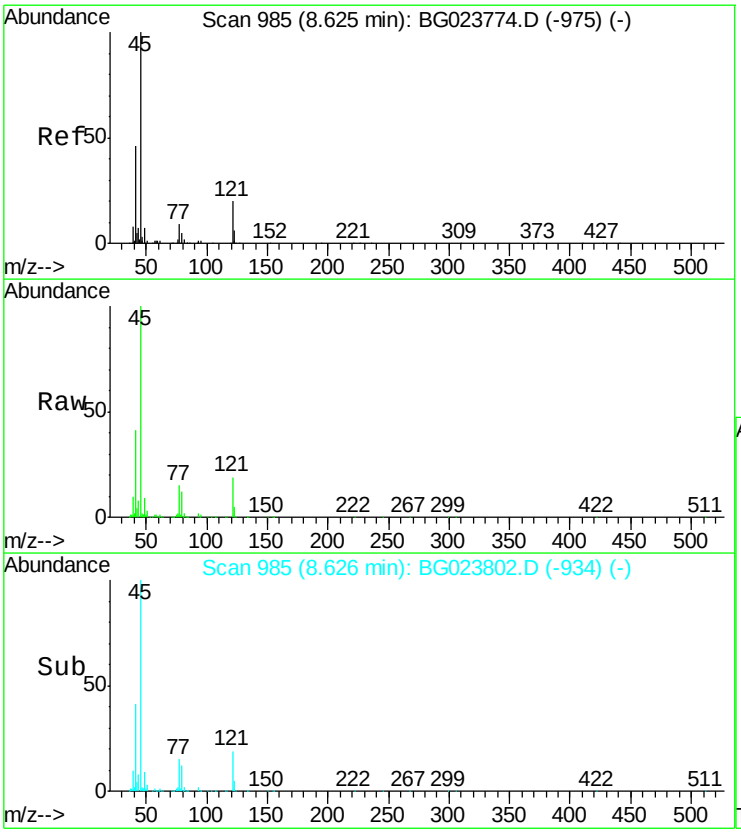
#11
2-Methylphenol
Concen: 20.05 ng/ul
RT: 8.54 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:108 Resp: 160209

Ion	Ratio	Lower	Upper
108	100		
107	92.4	78.6	117.8

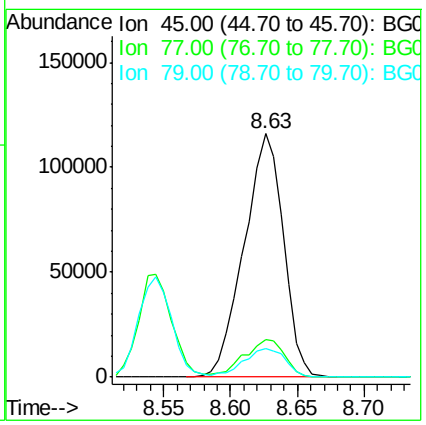


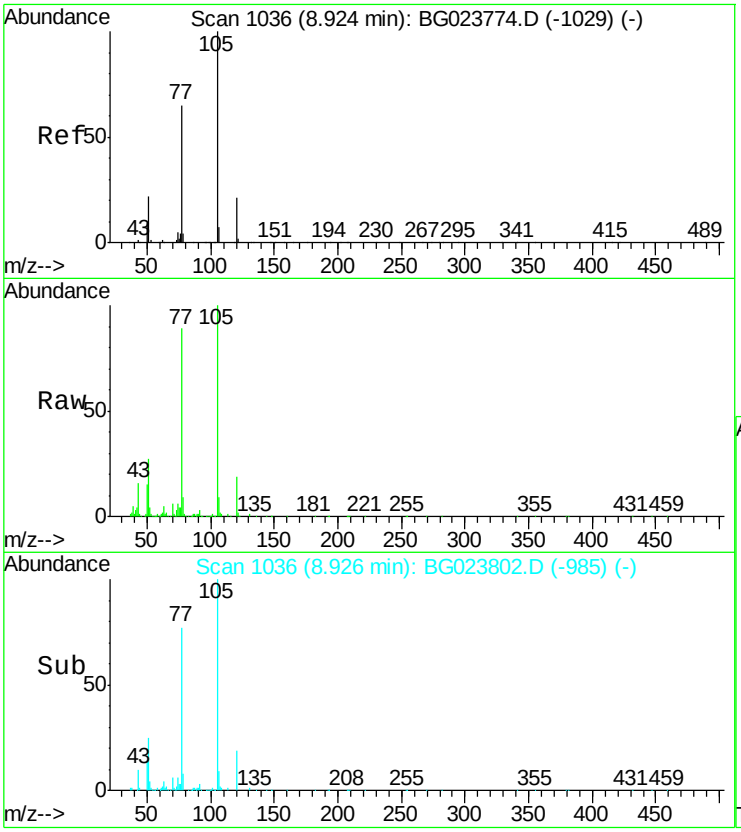


#12
2,2'-oxybis(1-Chloropropane)
Concen: 20.61 ng/ul
RT: 8.63 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion: 45 Resp: 236240

Ion	Ratio	Lower	Upper
45	100		
77	15.3	13.4	20.2
79	11.9	10.2	15.4



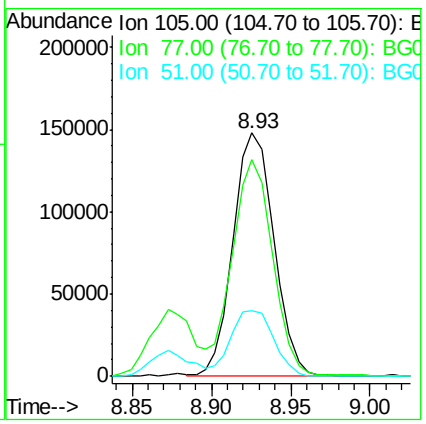


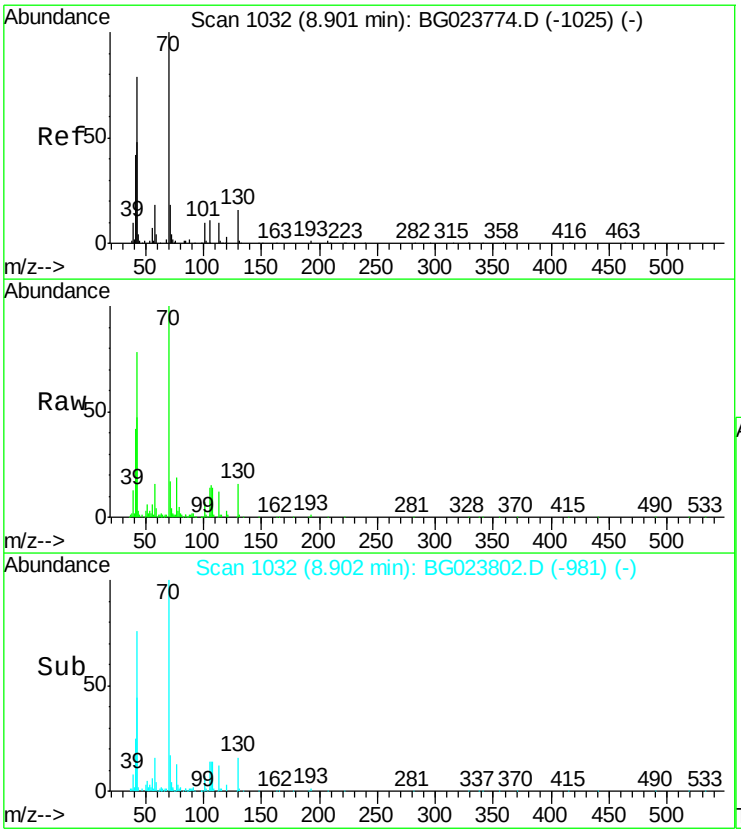
#14
Acetophenone
Concen: 20.42 ng/ul
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:105 Resp: 266316

Ion	Ratio	Lower	Upper
105	100		
77	89.1	56.1	84.1#
51	27.0	14.6	22.0#

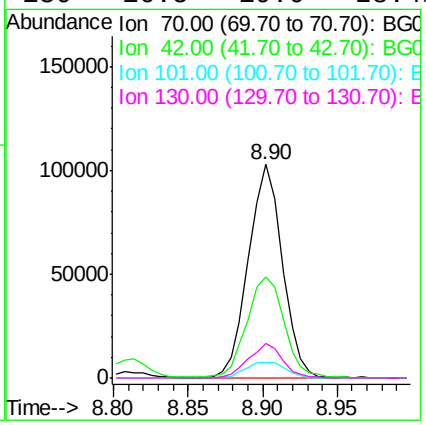


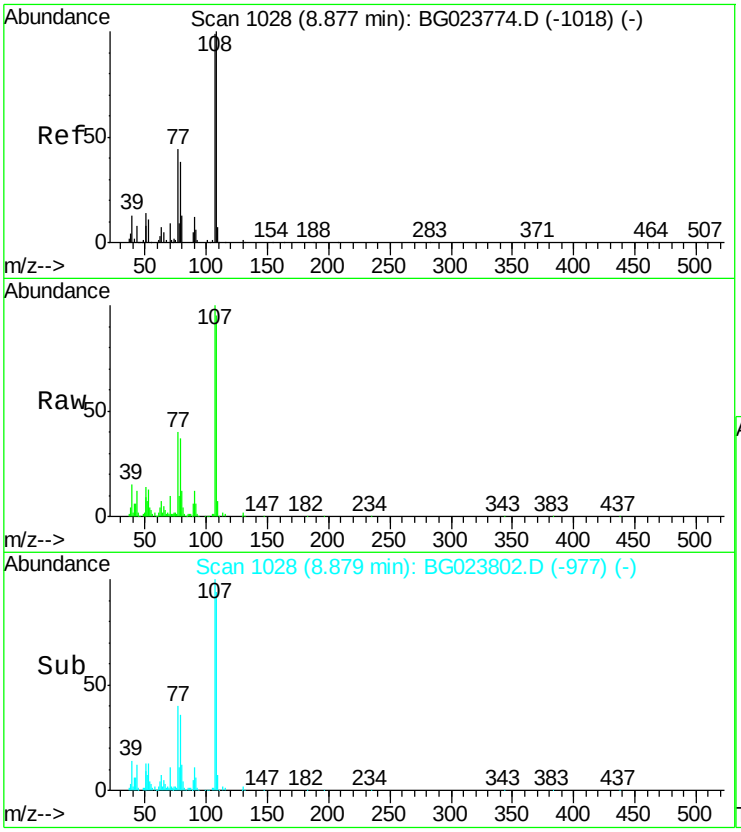


#15
N-Nitroso-di-n-propylamine
Concen: 19.99 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion: 70 Resp: 161403

Ion	Ratio	Lower	Upper
70	100		
42	47.1	31.4	47.2
101	7.4	8.6	13.0#
130	16.5	19.0	28.4#



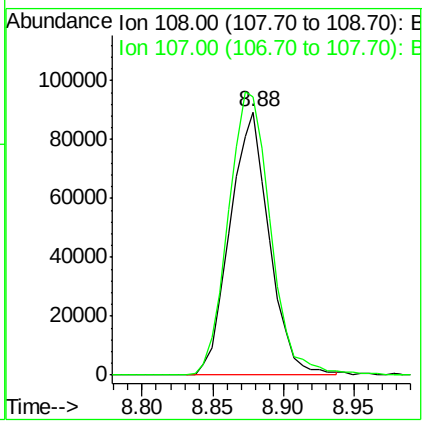


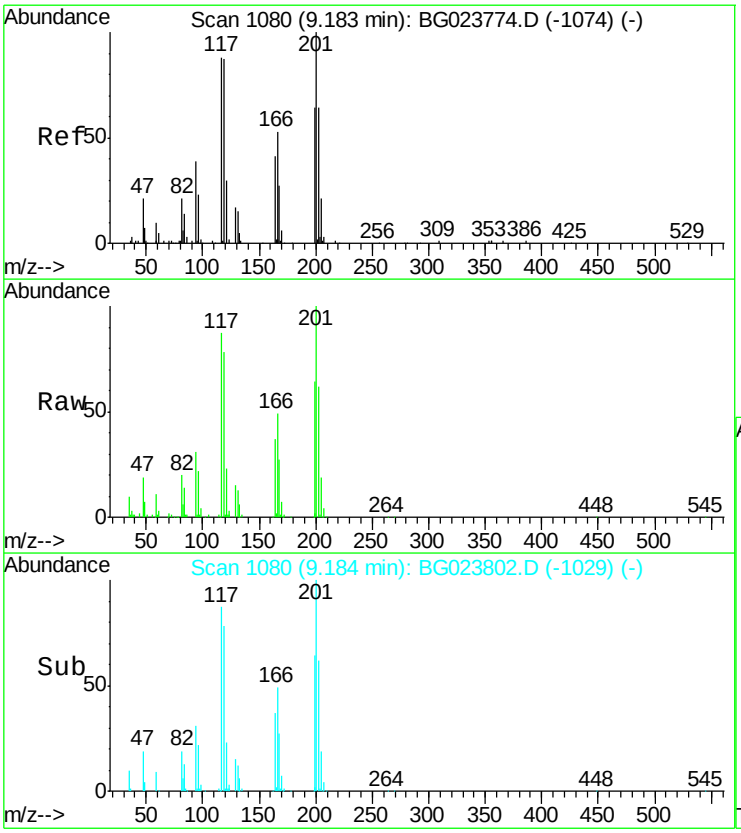
#16
4-Methylphenol
Concen: 19.98 ng/ul
RT: 8.88 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:108 Resp: 173685

Ion	Ratio	Lower	Upper
108	100		
107	105.6	88.3	132.5

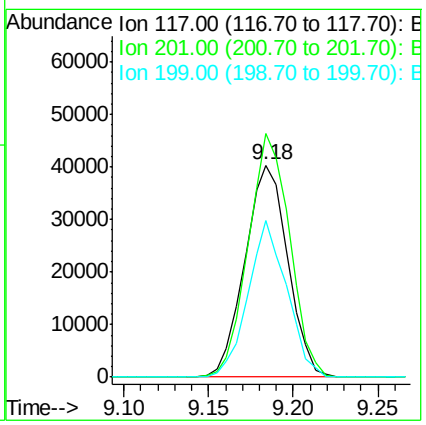


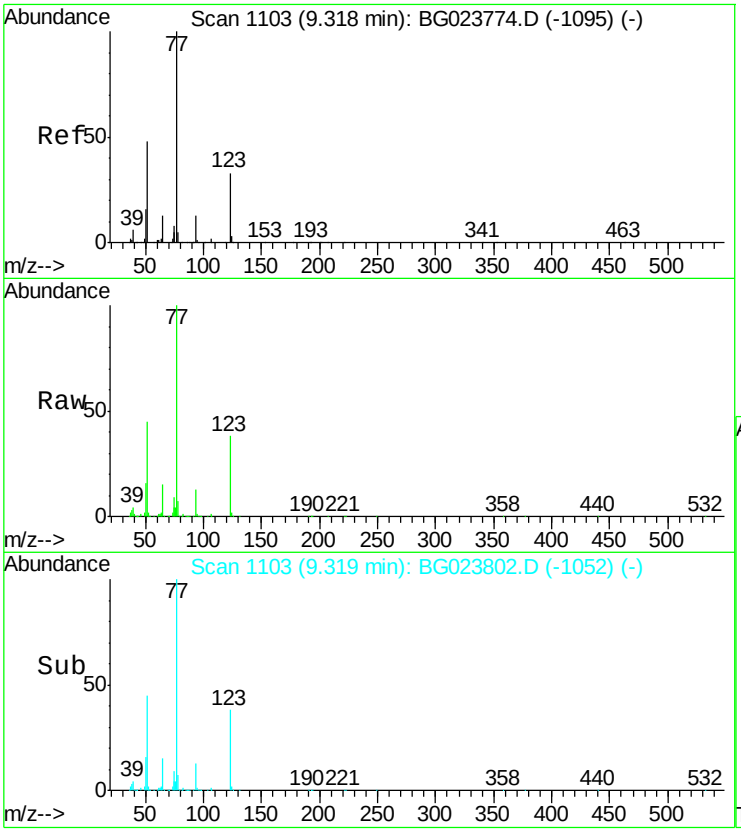


#17
Hexachloroethane
Concen: 21.72 ng/ul
RT: 9.18 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:117 Resp: 71199

Ion	Ratio	Lower	Upper
117	100		
201	114.9	76.8	115.2
199	74.0	43.5	65.3#



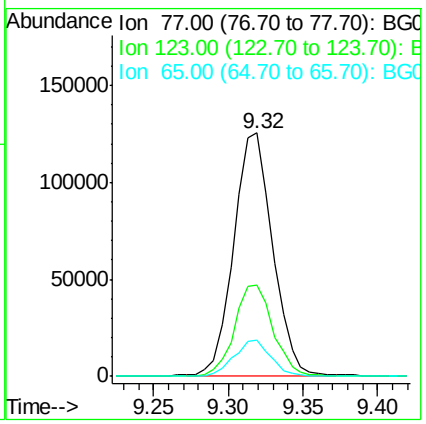


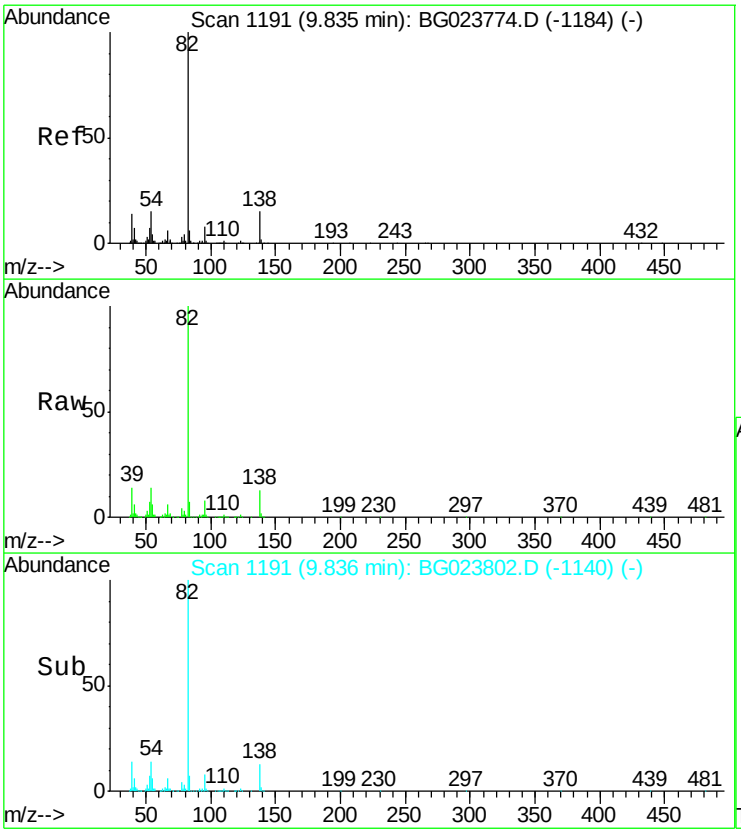
#20
Nitrobenzene
Concen: 20.68 ng/ul
RT: 9.32 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion: 77 Resp: 227978

Ion	Ratio	Lower	Upper
77	100		
123	37.7	39.5	59.3#
65	14.8	9.0	13.4#

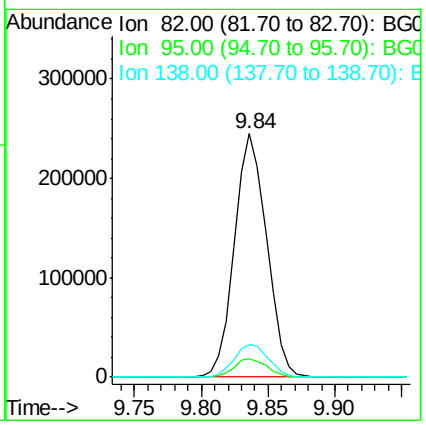


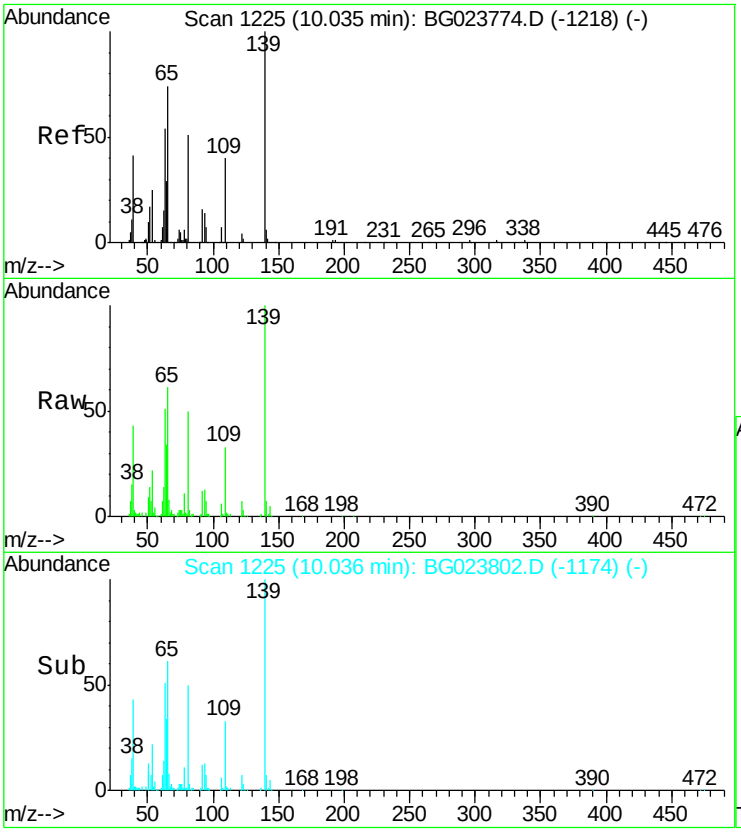


#21
Isophorone
Concen: 20.07 ng/ul
RT: 9.84 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion: 82 Resp: 409500

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.1	7.7
138	13.2	15.0	22.6#



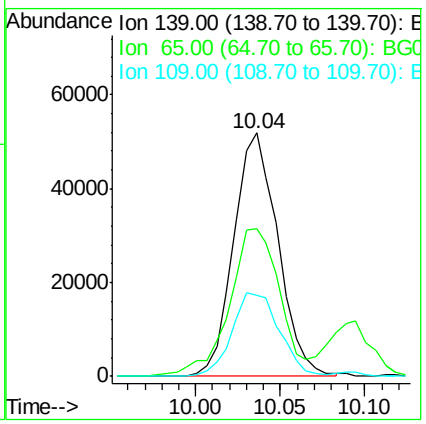


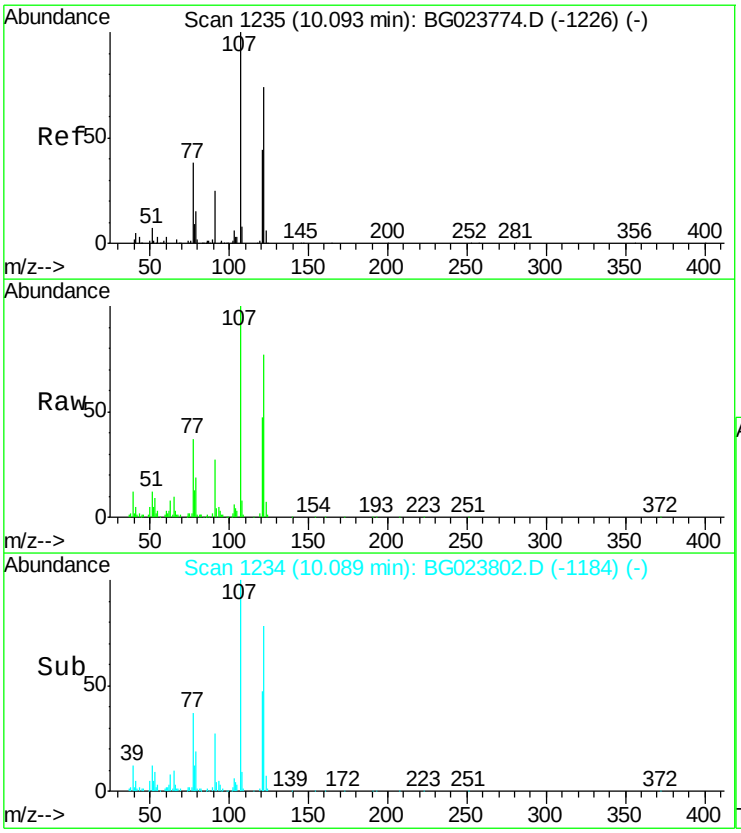
#23
2-Nitrophenol
Concen: 20.40 ng/ul
RT: 10.04 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:139 Resp: 94418

Ion	Ratio	Lower	Upper
139	100		
65	60.7	31.8	47.8#
109	33.2	17.1	25.7#

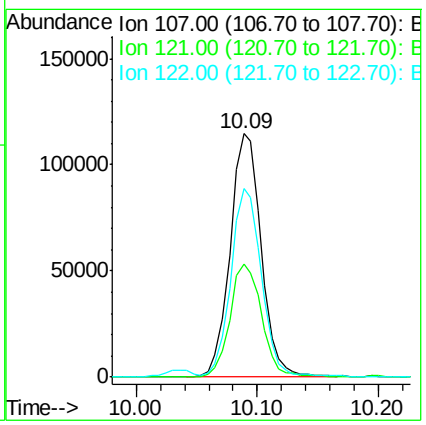


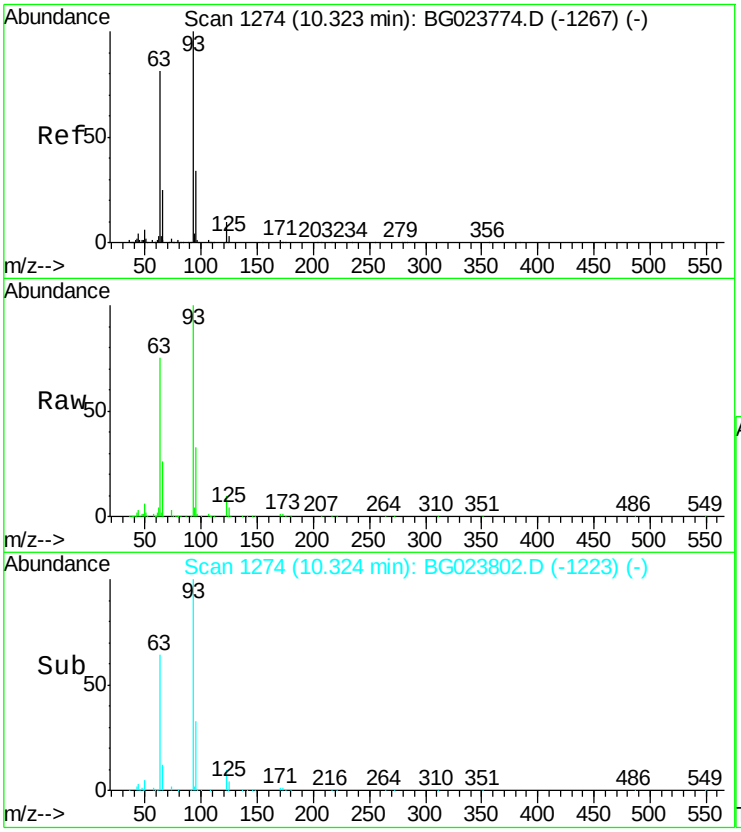


#24
2,4-Dimethylphenol
Concen: 20.60 ng/ul
RT: 10.09 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:107 Resp: 205809

Ion	Ratio	Lower	Upper
107	100		
121	46.6	43.7	65.5
122	77.3	70.3	105.5



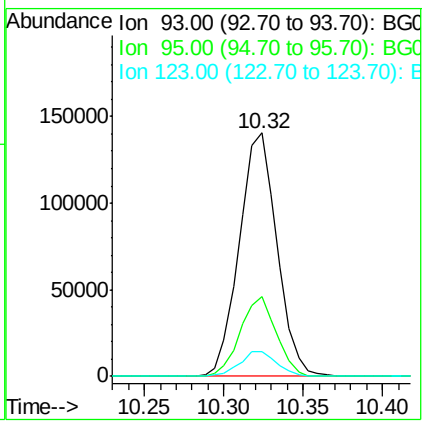


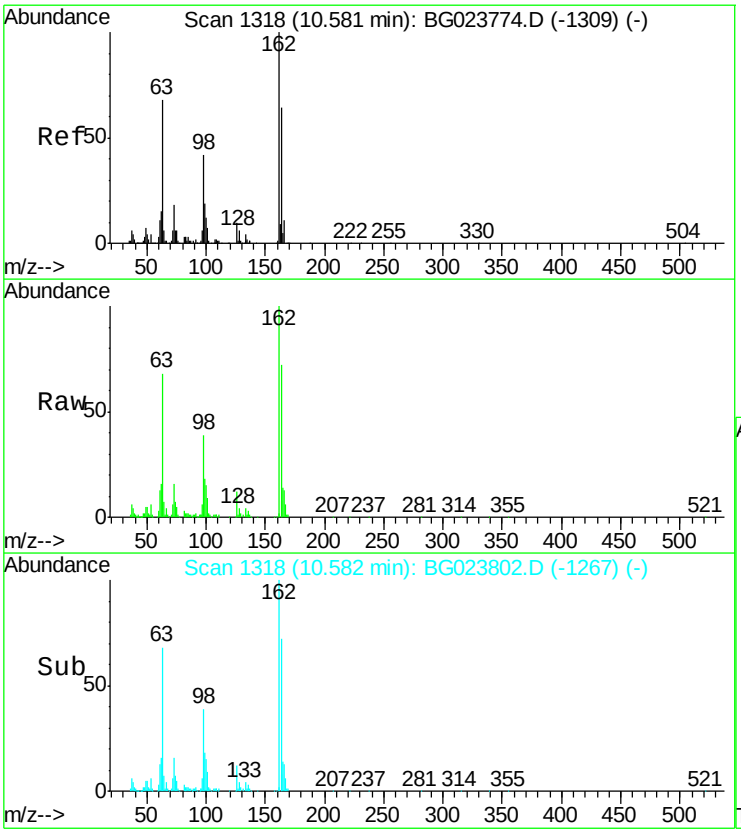
#25
Bis(2-Chloroethoxy)methane
Concen: 20.25 ng/ul
RT: 10.32 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion: 93 Resp: 232379

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	10.0	10.1	15.1#

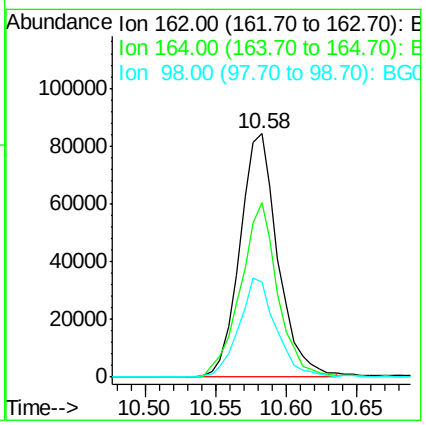


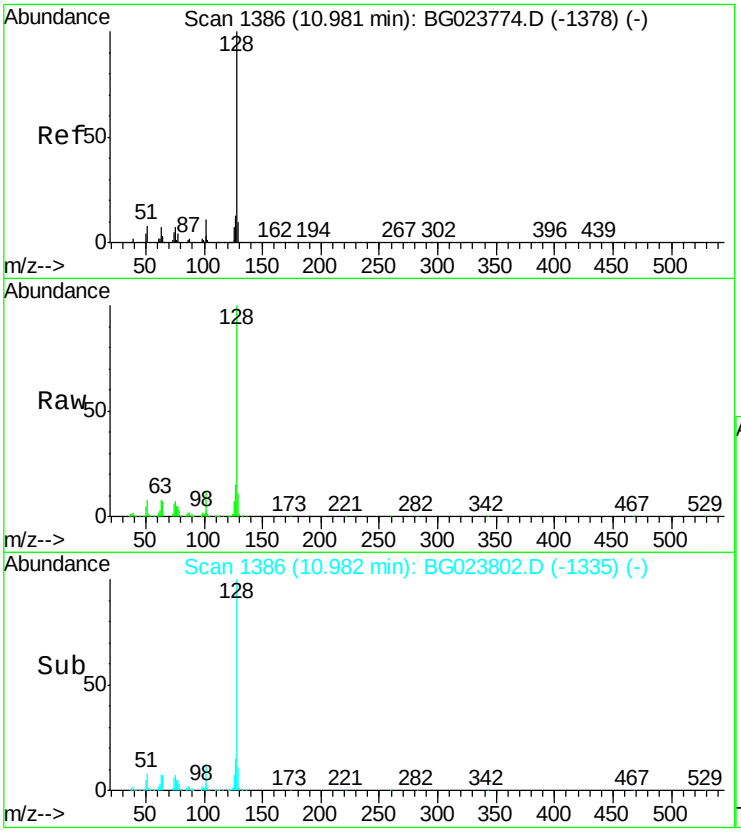


#27
2,4-Dichlorophenol
Concen: 20.47 ng/ul
RT: 10.58 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:162 Resp: 158723

Ion	Ratio	Lower	Upper
162	100		
164	71.7	51.6	77.4
98	39.0	28.3	42.5



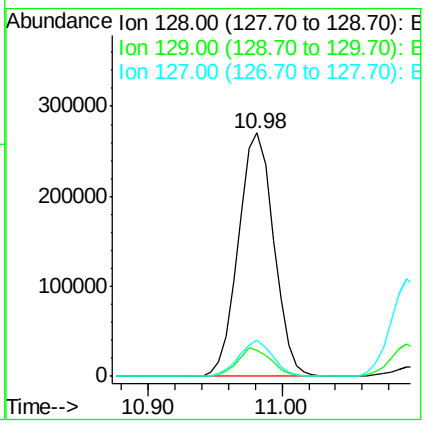


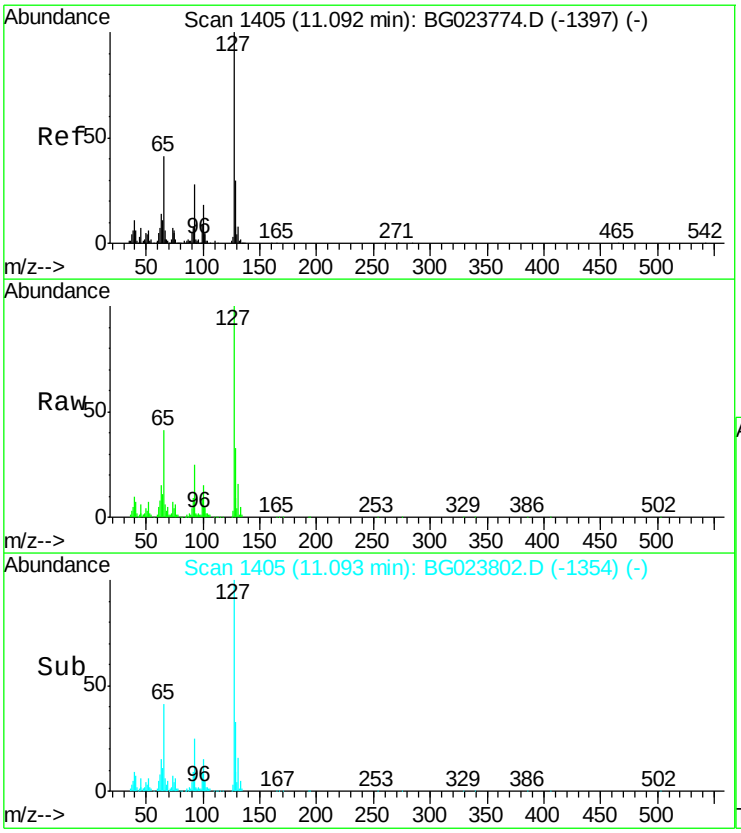
#28
Naphthalene
Concen: 20.77 ng/ul
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:128 Resp: 495570

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	15.1	11.2	16.8

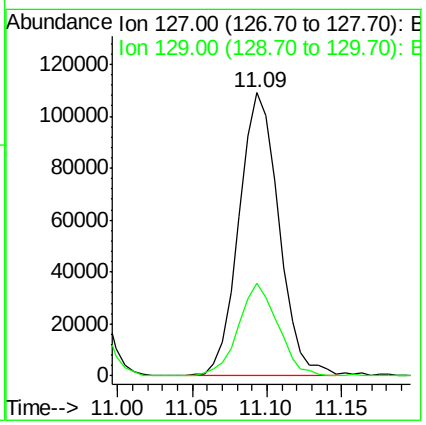


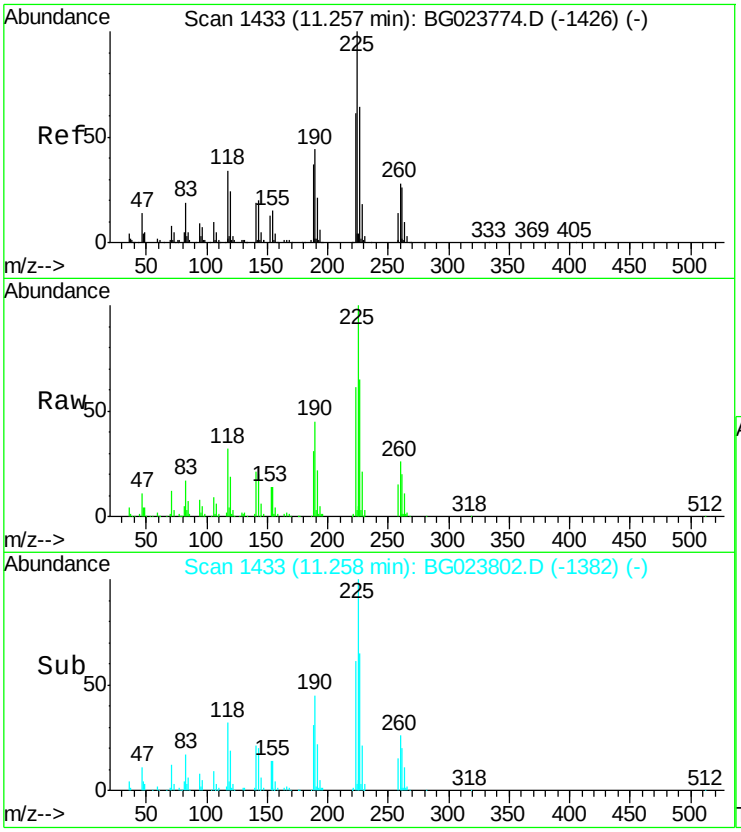


#30
4-Chloroaniline
Concen: 21.66 ng/ul
RT: 11.09 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:127 Resp: 201859

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.9	40.3



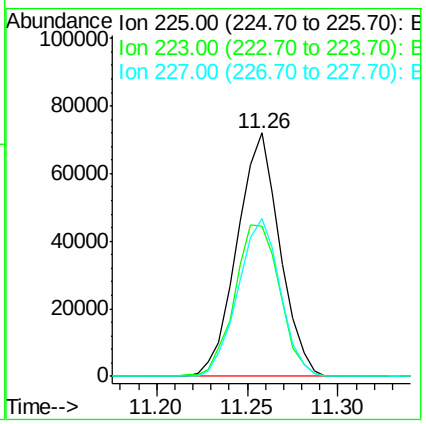


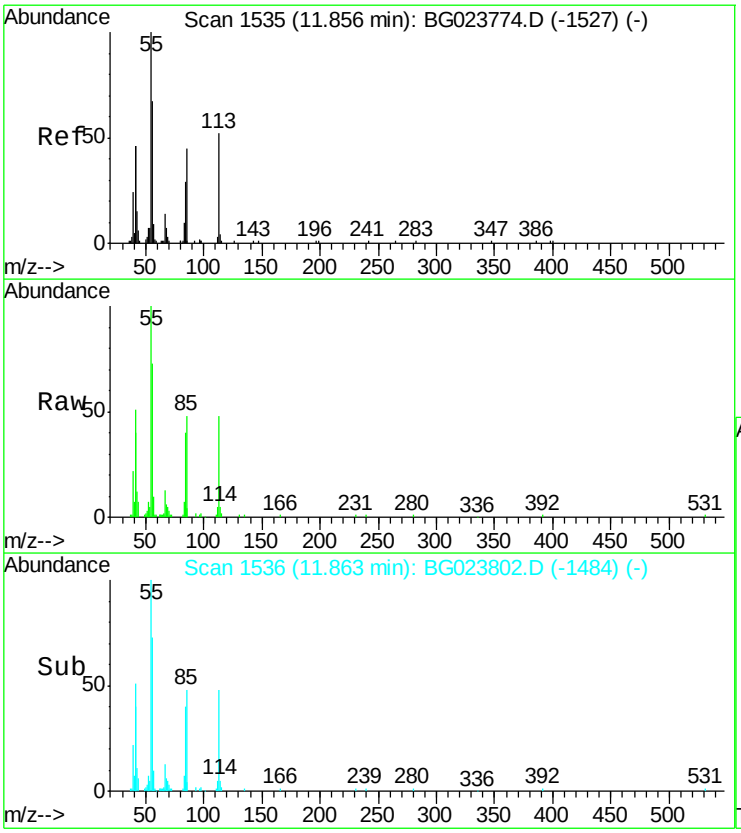
#31
Hexachlorobutadiene
Concen: 21.21 ng/ul
RT: 11.26 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:225 Resp: 118288

Ion	Ratio	Lower	Upper
225	100		
223	61.5	54.7	82.1
227	64.9	52.2	78.4

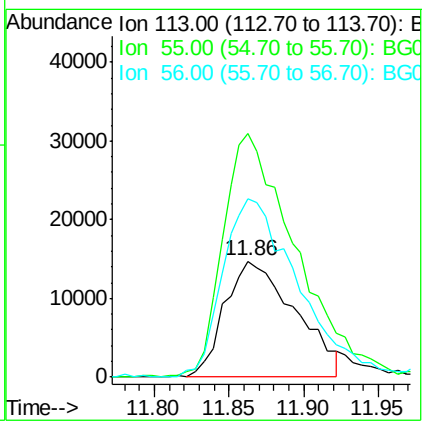


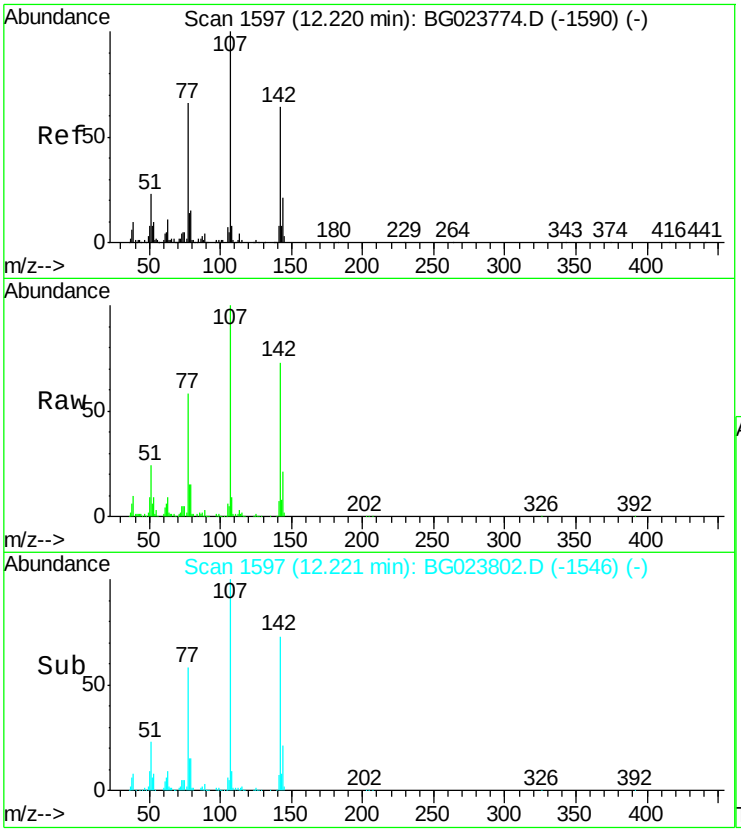


#32
Caprolactam
Concen: 15.94 ng/ul
RT: 11.86 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:113 Resp: 48157

Ion	Ratio	Lower	Upper
113	100		
55	210.4	99.6	149.4#
56	153.8	66.4	99.6#



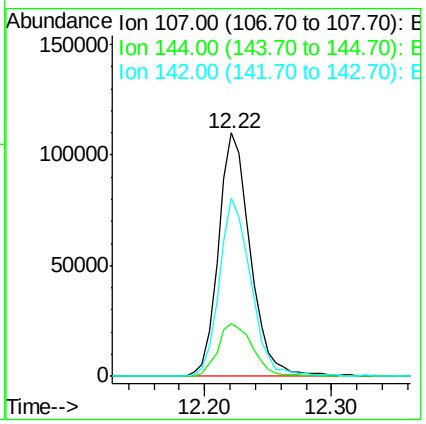


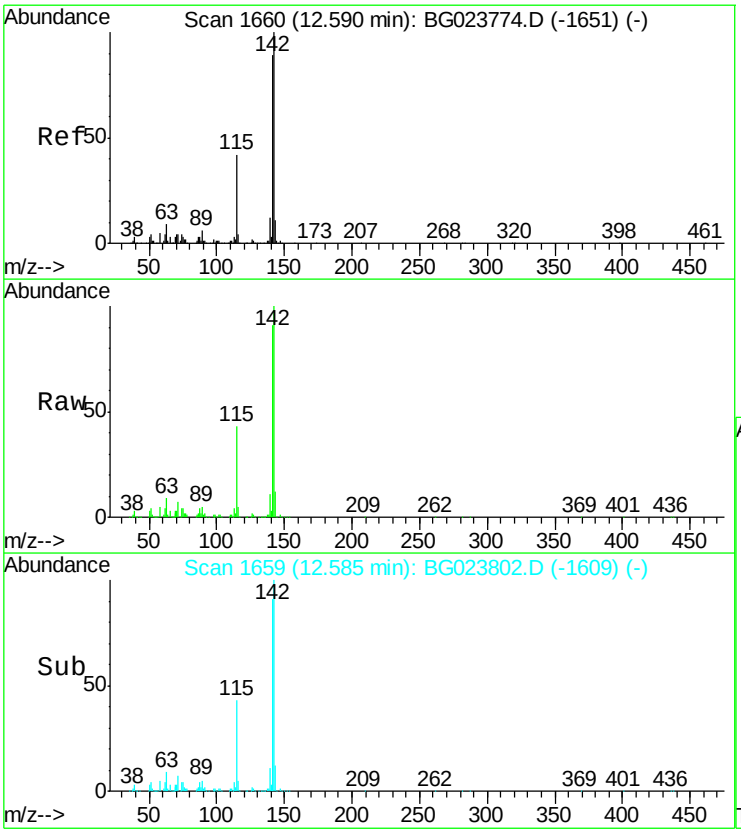
#33
4-Chloro-3-methylphenol
Concen: 19.96 ng/ul
RT: 12.22 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:107 Resp: 191311

Ion	Ratio	Lower	Upper
107	100		
144	21.5	22.7	34.1#
142	73.1	71.6	107.4

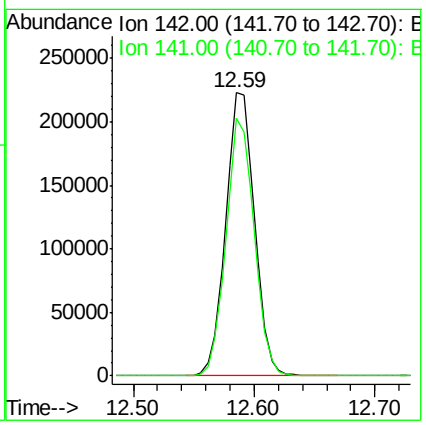


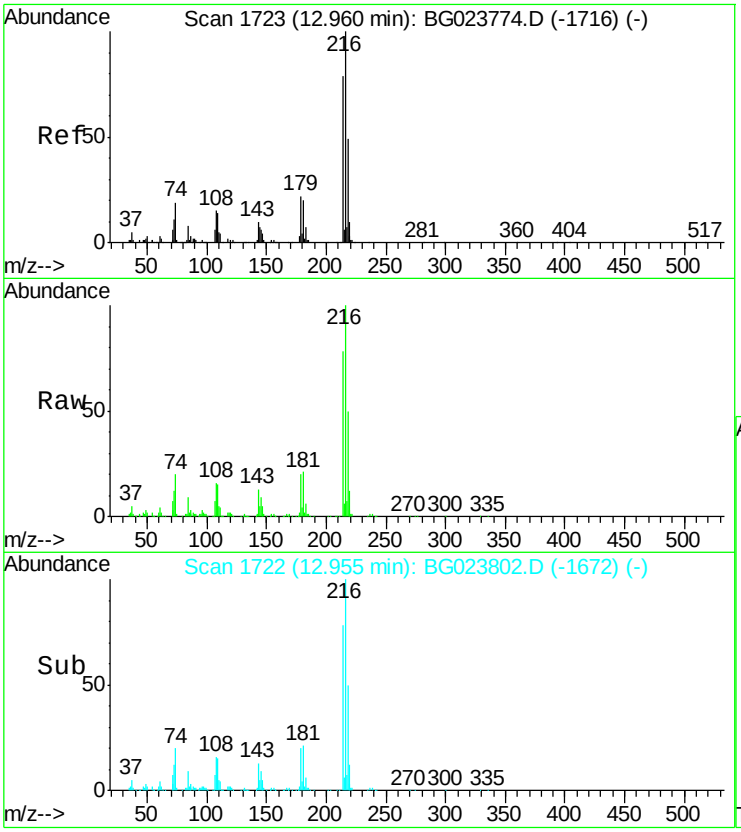


#34
2-Methylnaphthalene
Concen: 20.42 ng/ul
RT: 12.59 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:142 Resp: 371011

Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.2	112.8



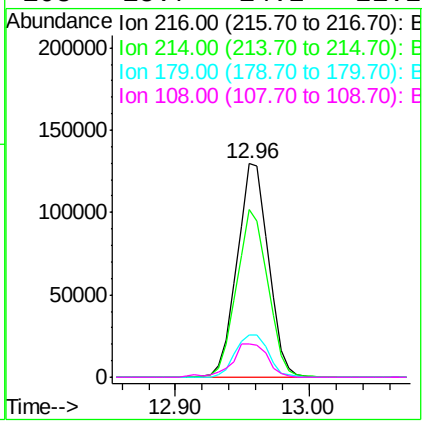


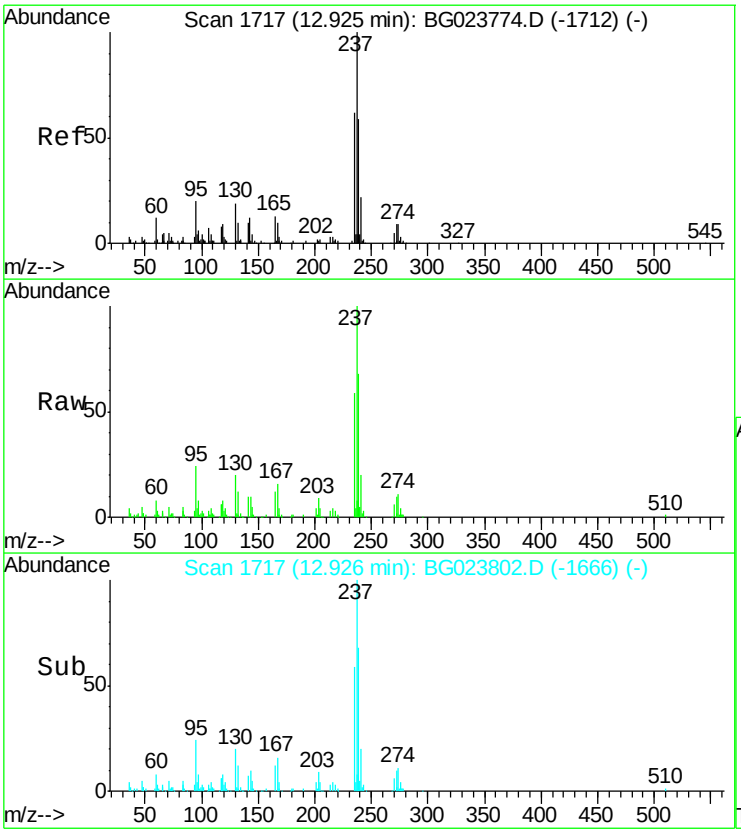
#36
1,2,4,5-Tetrachlorobenzene
Concen: 21.75 ng/ul
RT: 12.96 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:216 Resp: 210754

Ion	Ratio	Lower	Upper
216	100		
214	78.3	61.7	92.5
179	19.7	17.0	25.4
108	15.7	14.2	21.2

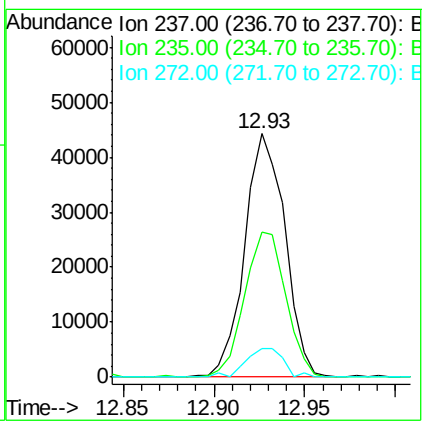


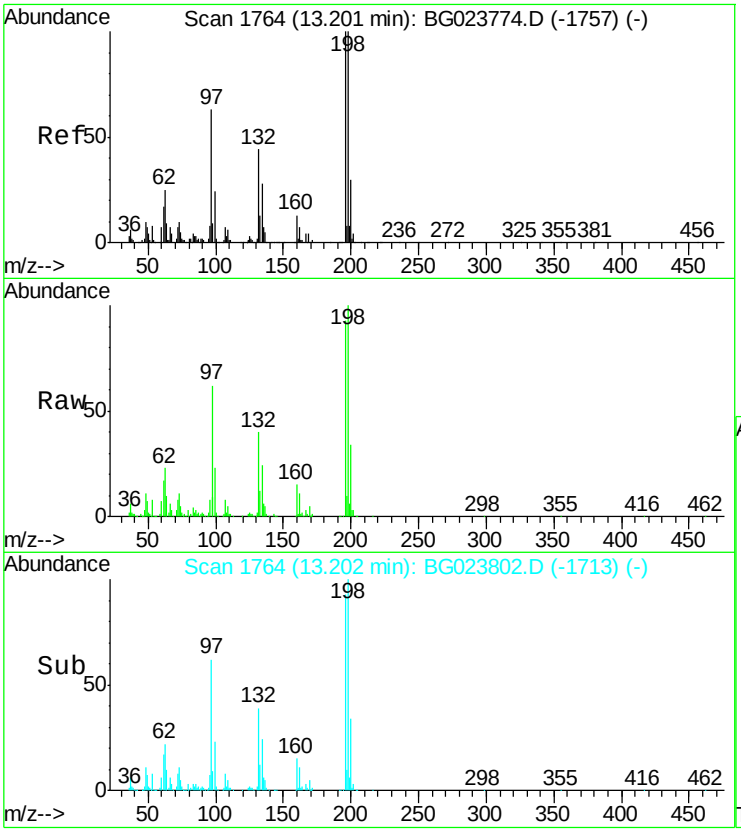


#37
Hexachlorocyclopentadiene
Concen: 16.12 ng/ul
RT: 12.93 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:237 Resp: 68233

Ion	Ratio	Lower	Upper
237	100		
235	59.5	49.6	74.4
272	11.8	9.3	13.9



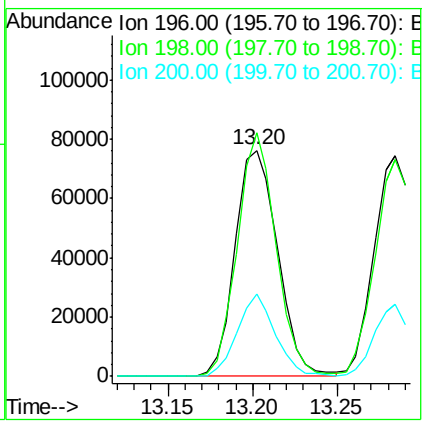


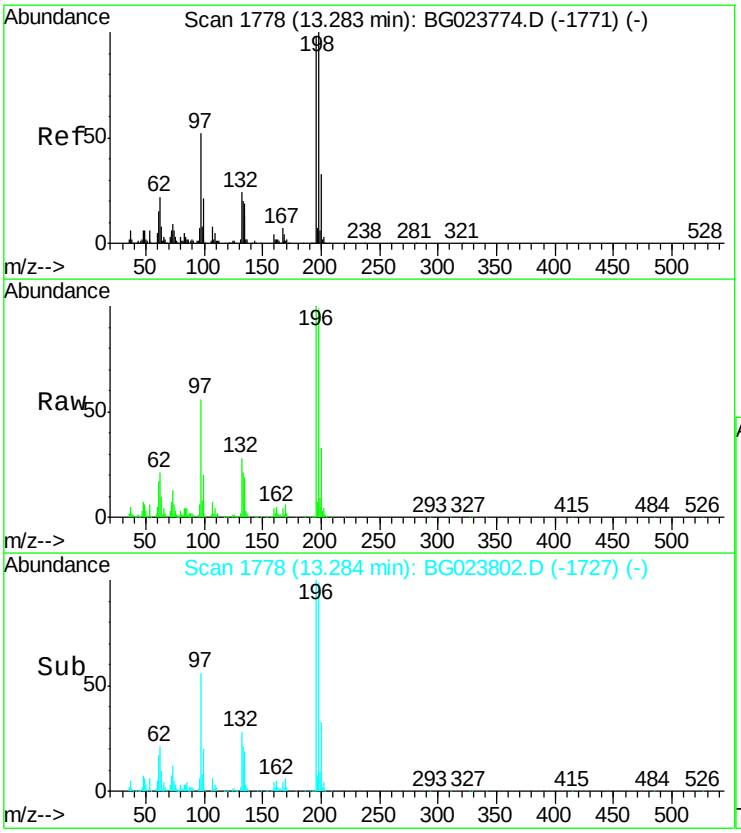
#38
2,4,6-Trichlorophenol
Concen: 21.00 ng/ul
RT: 13.20 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:196 Resp: 133879

Ion	Ratio	Lower	Upper
196	100		
198	107.9	77.4	116.0
200	36.7	26.6	39.8

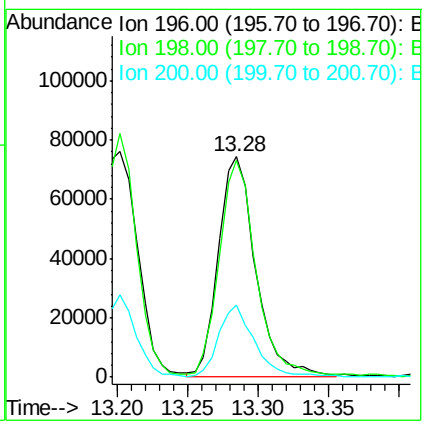


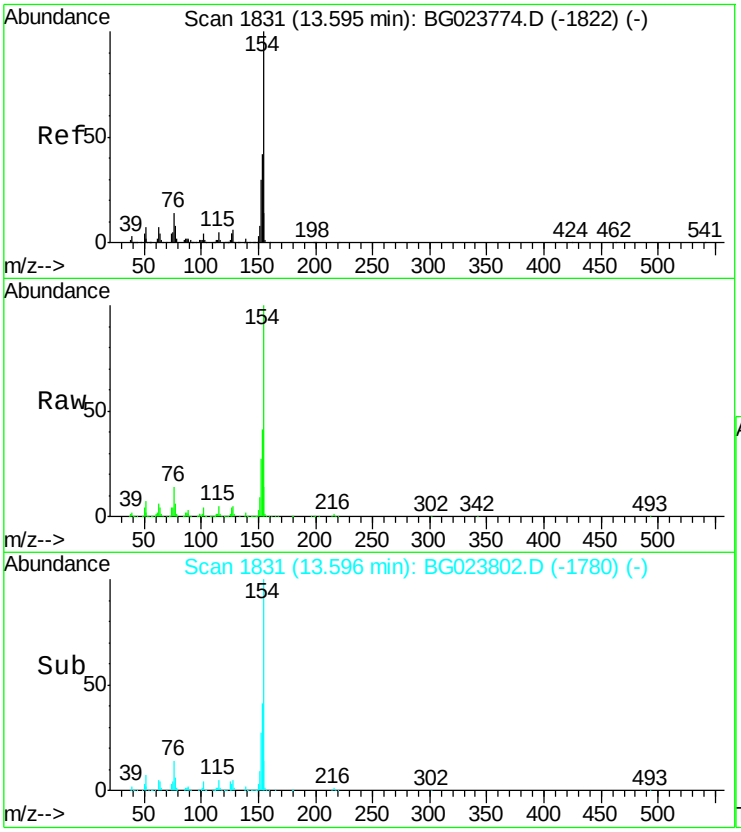


#39
2,4,5-Trichlorophenol
Concen: 20.85 ng/ul
RT: 13.28 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:196 Resp: 137393

Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.8	119.8
200	32.9	24.0	36.0



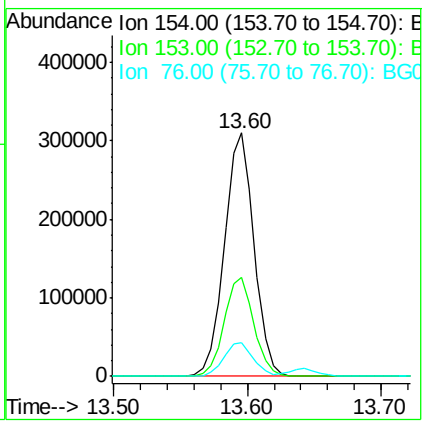


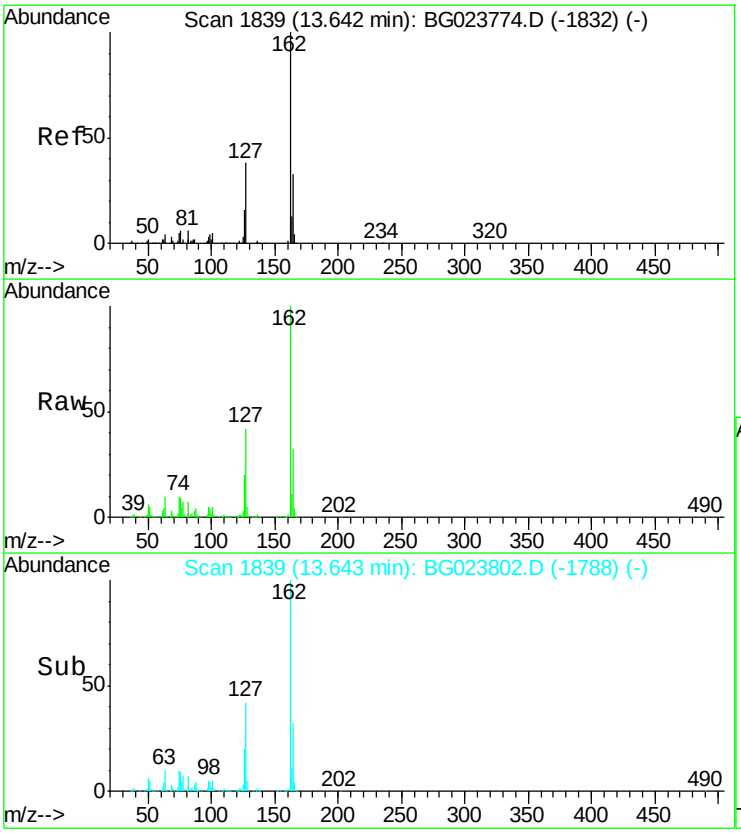
#40
1,1'-Biphenyl
Concen: 21.01 ng/ul
RT: 13.60 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:154 Resp: 479247

Ion	Ratio	Lower	Upper
154	100		
153	40.6	34.6	52.0
76	13.7	11.9	17.9

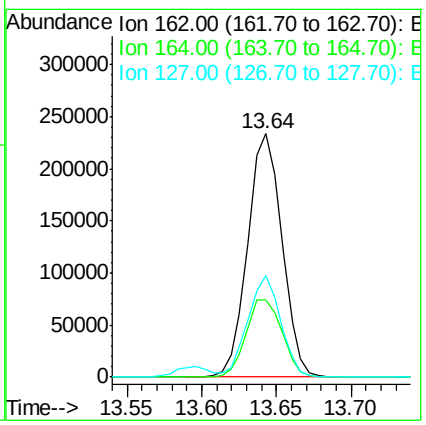


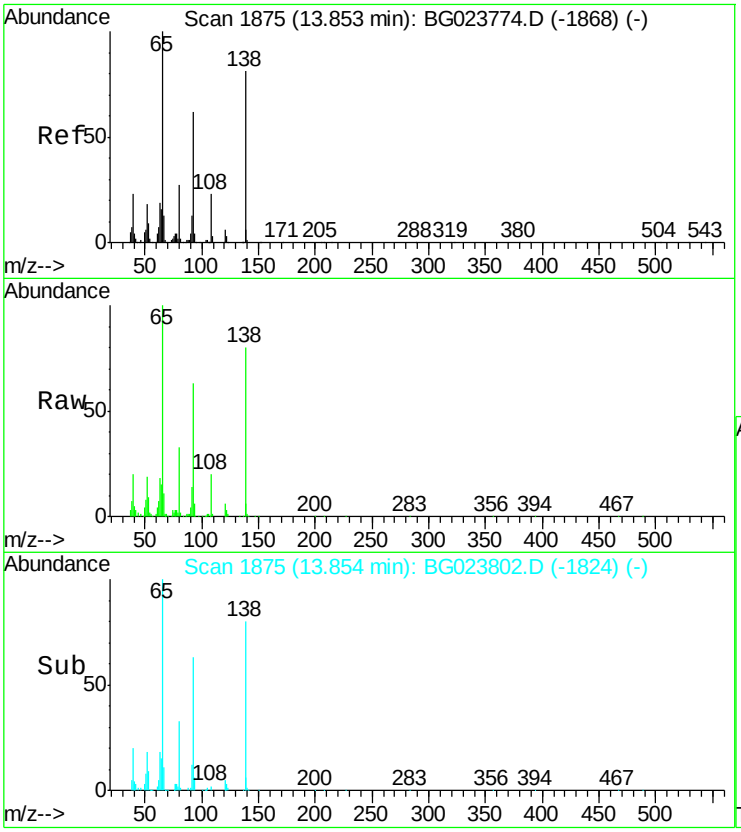


#41
2-Chloronaphthalene
Concen: 21.31 ng/ul
RT: 13.64 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:162 Resp: 369600

Ion	Ratio	Lower	Upper
162	100		
164	31.7	25.4	38.2
127	41.8	30.2	45.4



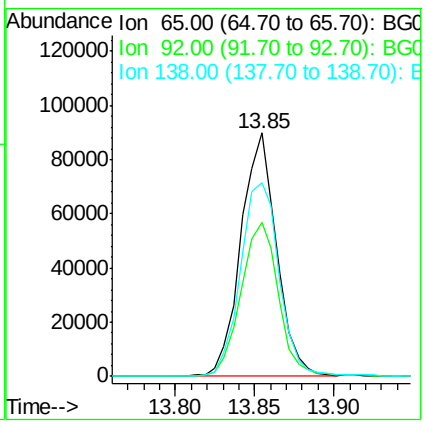


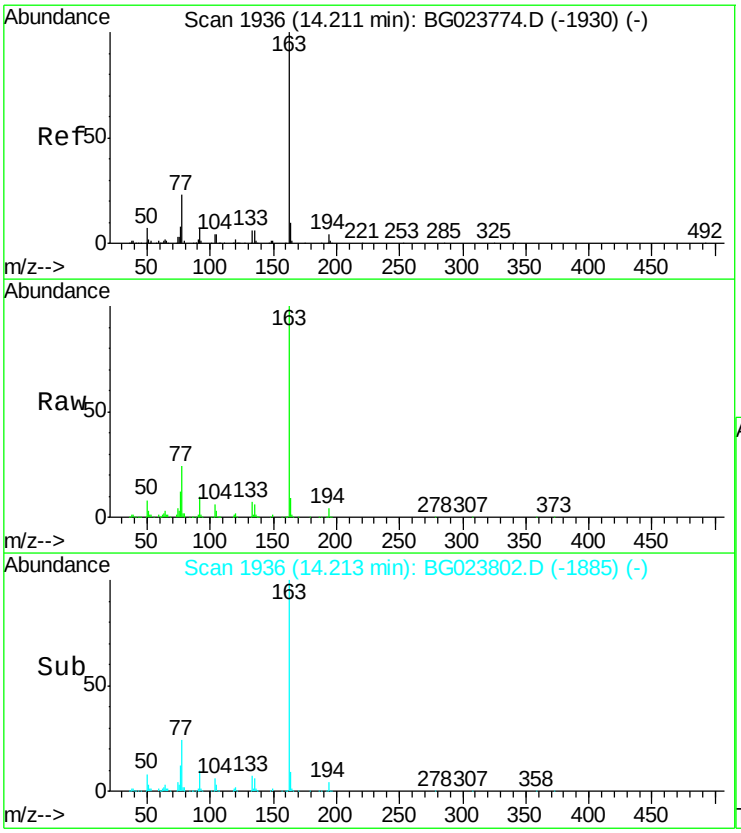
#42
2-Nitroaniline
Concen: 19.49 ng/ul
RT: 13.85 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion: 65 Resp: 140255

Ion	Ratio	Lower	Upper
65	100		
92	63.3	67.1	100.7#
138	79.6	109.6	164.4#

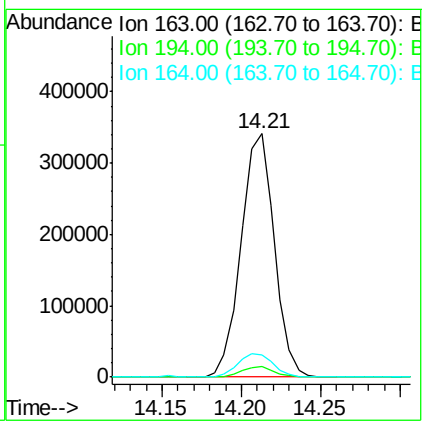


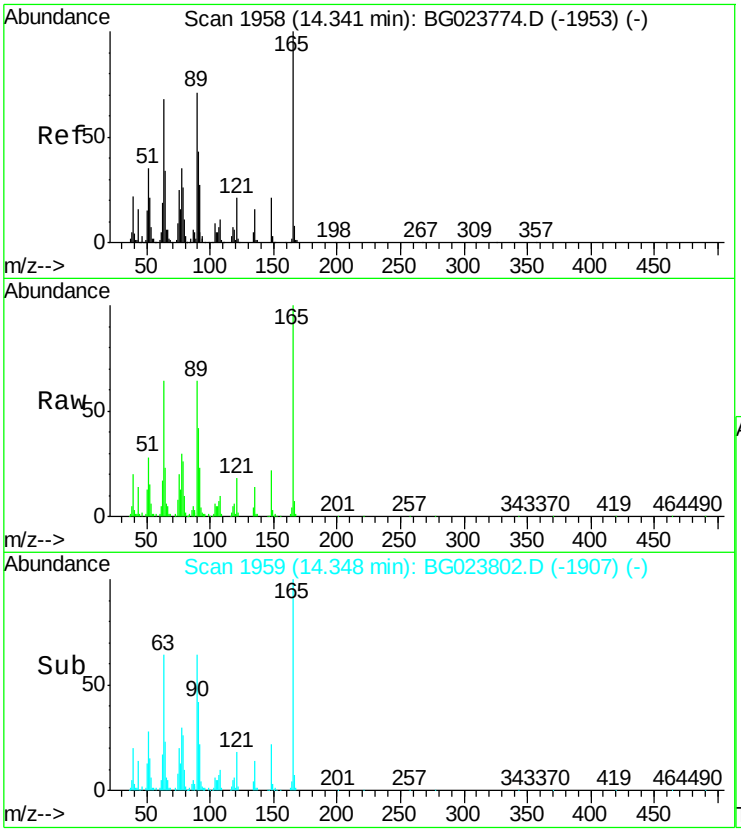


#44
Dimethylphthalate
Concen: 20.50 ng/ul
RT: 14.21 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:163 Resp: 495695

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.4	8.8	13.2



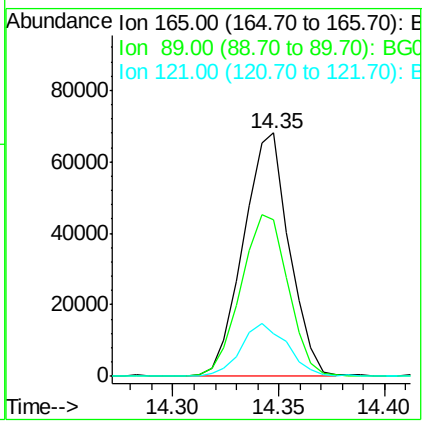


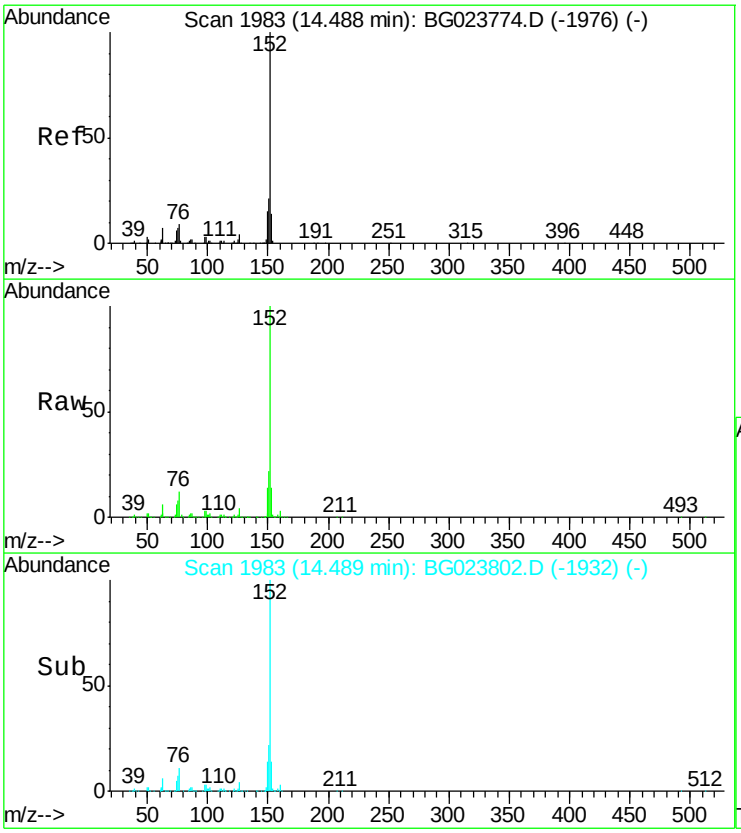
#45
2,6-Dinitrotoluene
Concen: 19.94 ng/ul
RT: 14.35 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:165 Resp: 102914

Ion	Ratio	Lower	Upper
165	100		
89	64.4	41.5	62.3#
121	17.5	17.0	25.4

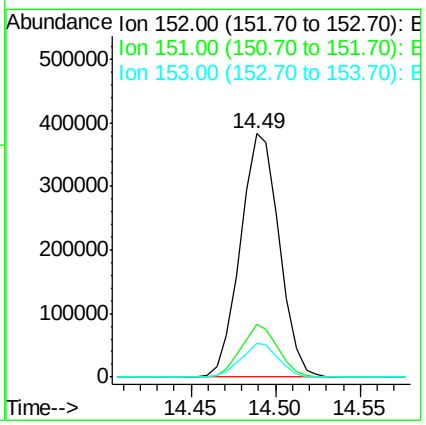


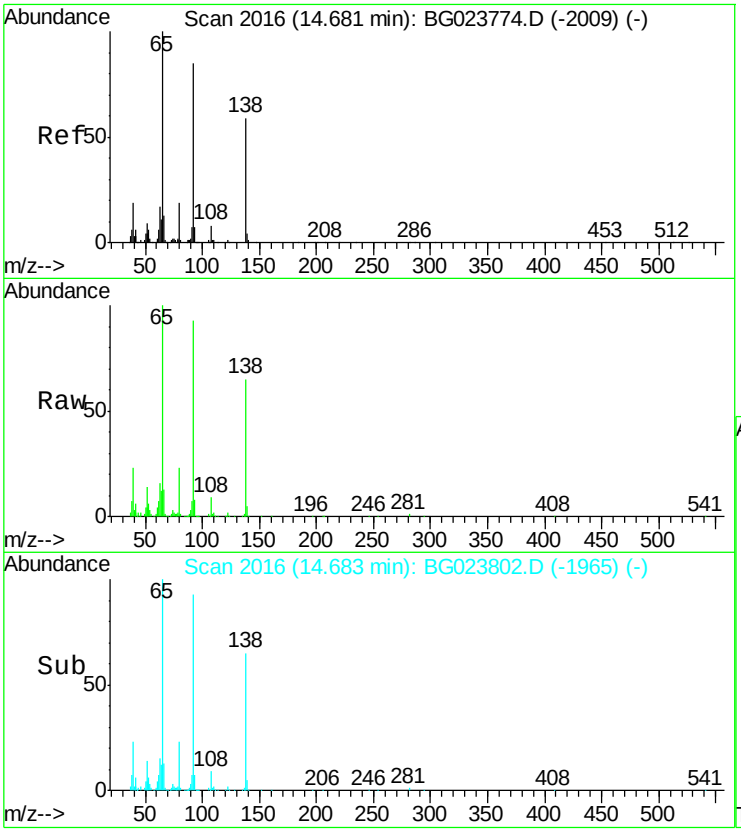


#47
Acenaphthylene
Concen: 21.43 ng/ul
RT: 14.49 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:152 Resp: 611444

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.5	26.3
153	13.7	11.1	16.7



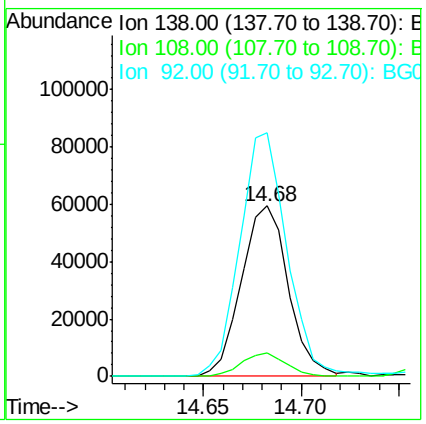


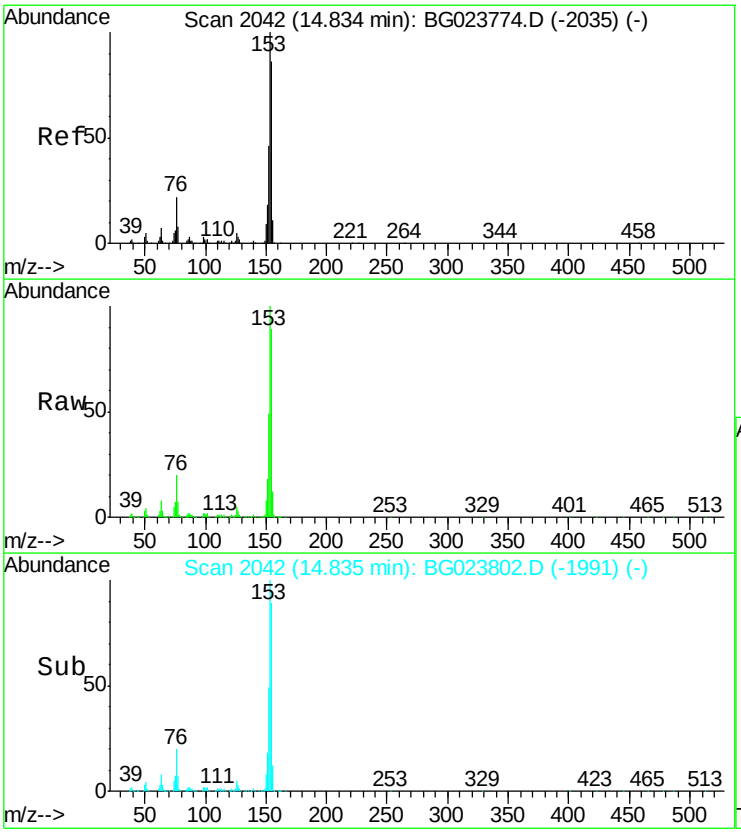
#48
3-Nitroaniline
Concen: 20.36 ng/ul
RT: 14.68 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:138 Resp: 99042

Ion	Ratio	Lower	Upper
138	100		
108	13.5	6.2	9.2#
92	142.9	79.3	118.9#

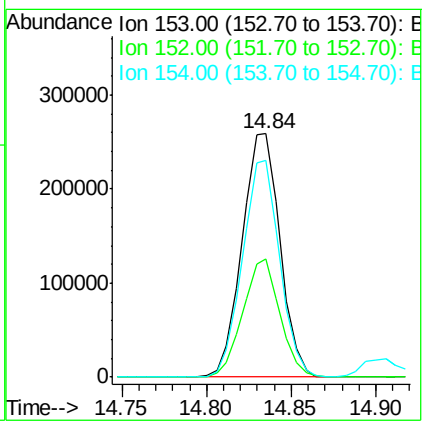


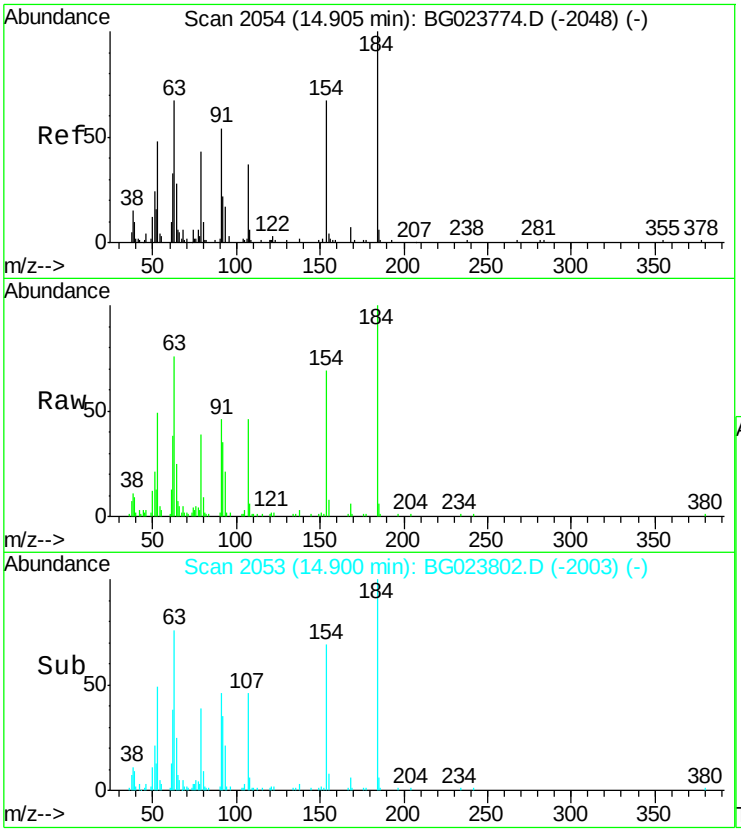


#49
Acenaphthene
Concen: 21.14 ng/ul
RT: 14.84 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:153 Resp: 404018

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.3	55.9
154	89.2	68.2	102.2



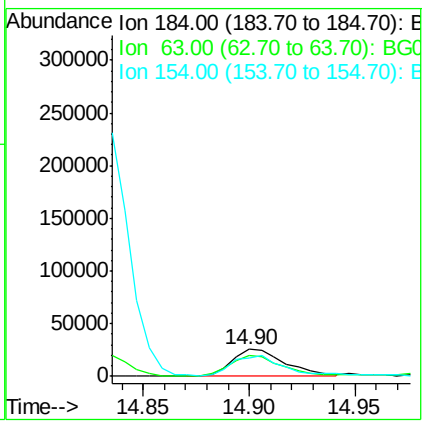


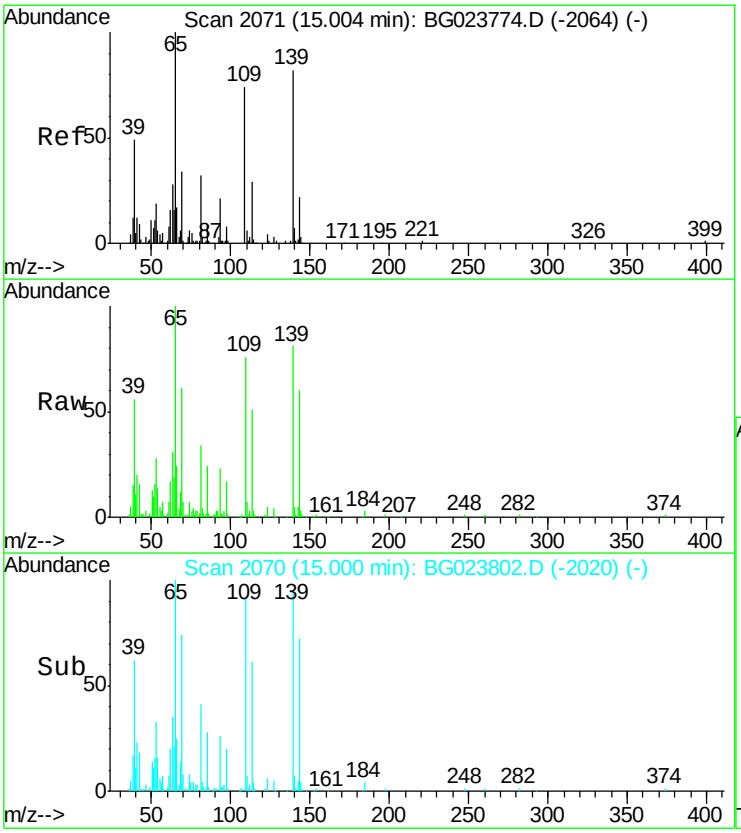
#50
2,4-Dinitrophenol
Concen: 16.51 ng/ul
RT: 14.90 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:184 Resp: 45240

Ion	Ratio	Lower	Upper
184	100		
63	75.9	40.5	60.7#
154	69.2	48.5	72.7

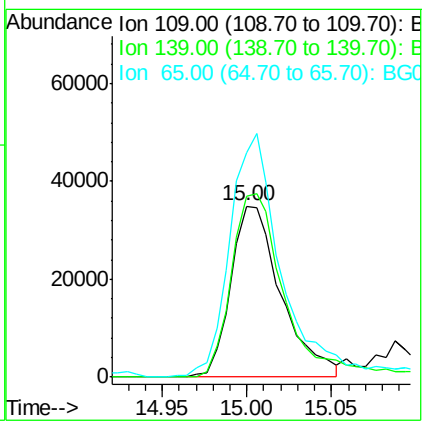


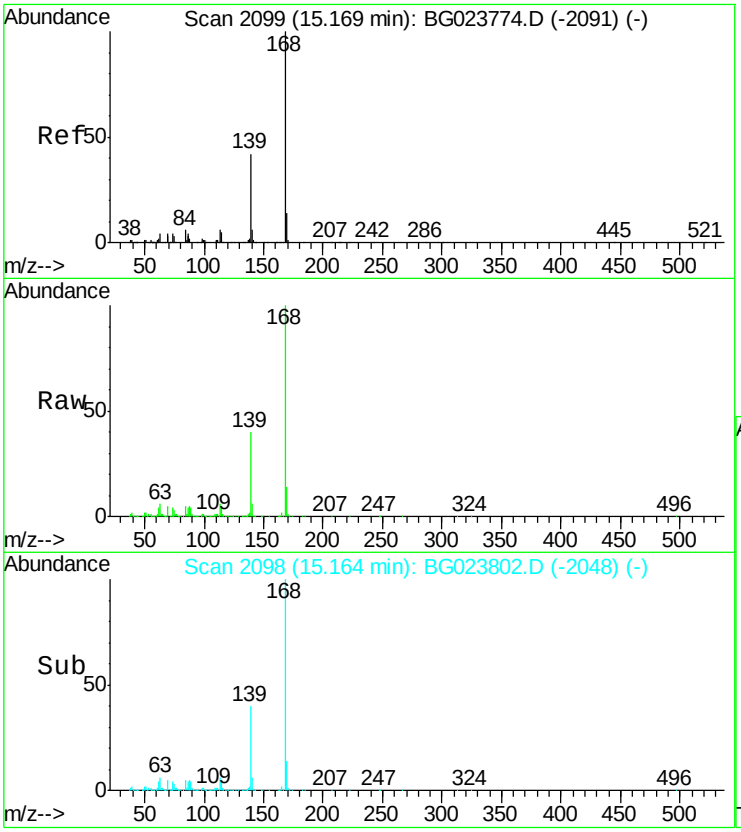


#52
4-Nitrophenol
Concen: 18.46 ng/ul
RT: 15.00 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:109 Resp: 72465

Ion	Ratio	Lower	Upper
109	100		
139	105.5	136.1	204.1#
65	130.8	106.0	159.0



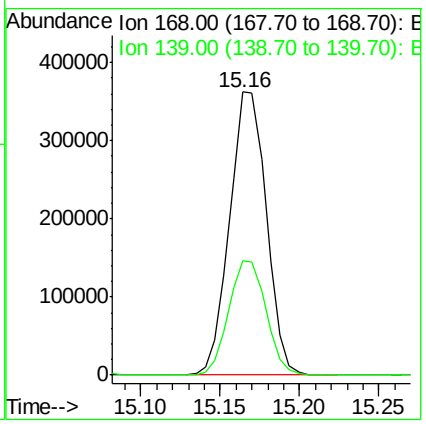


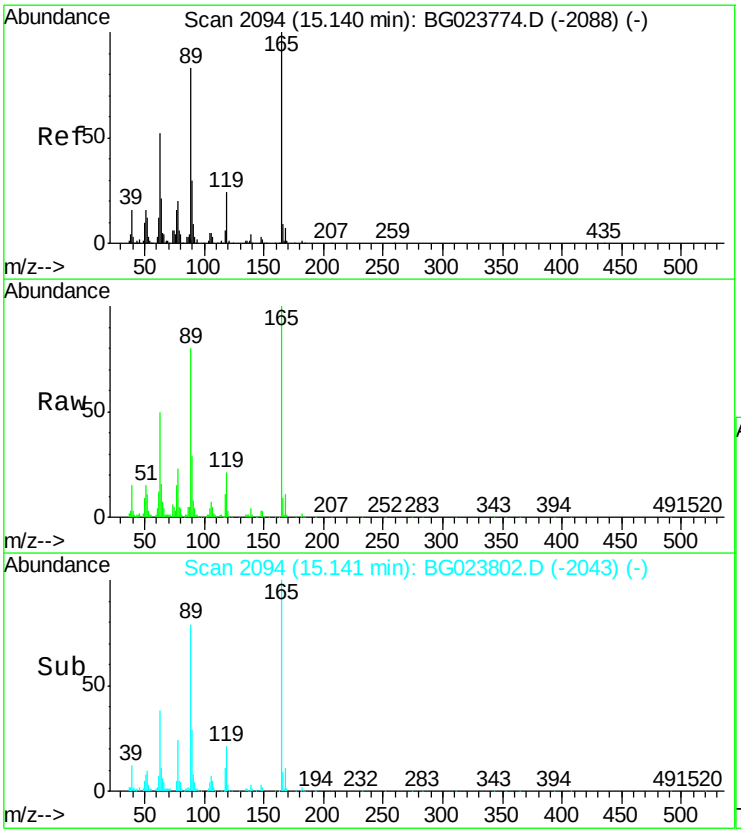
#53
Dibenzofuran
Concen: 20.95 ng/ul
RT: 15.16 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:168 Resp: 582010

Ion	Ratio	Lower	Upper
168	100		
139	40.3	27.4	41.0

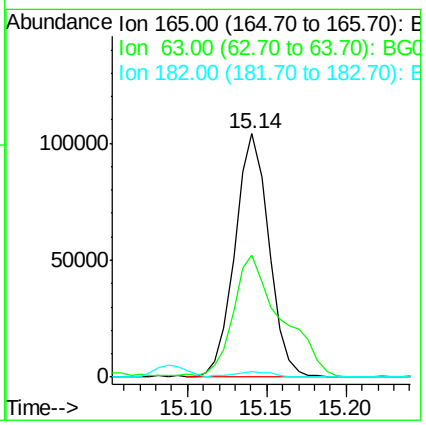


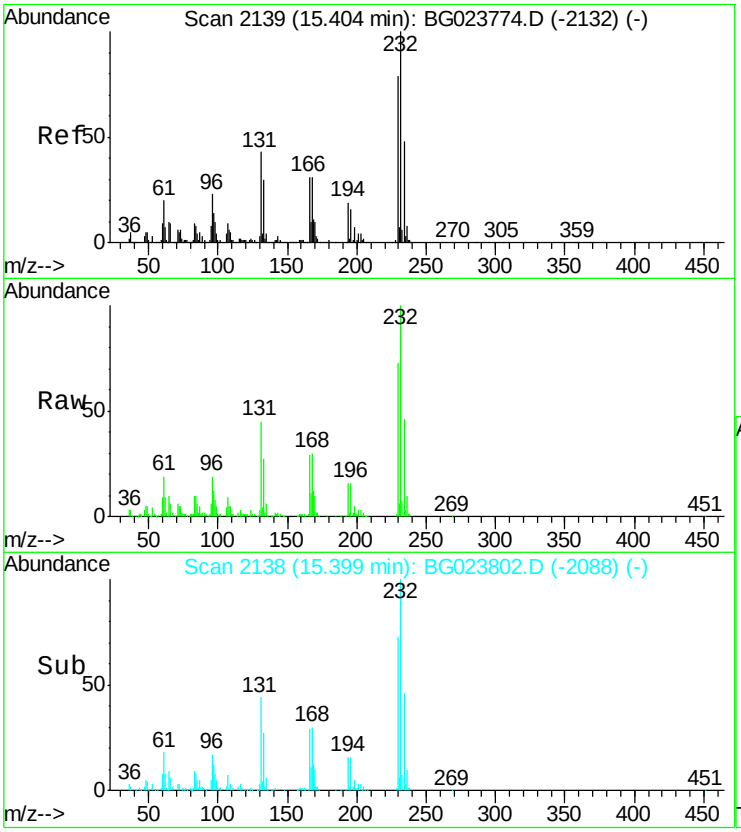


#54
2,4-Dinitrotoluene
Concen: 20.55 ng/ul
RT: 15.14 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:165 Resp: 154991

Ion	Ratio	Lower	Upper
165	100		
63	50.4	25.7	38.5#
182	2.4	2.1	3.1



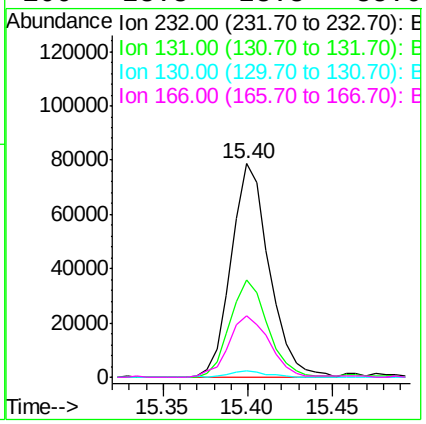


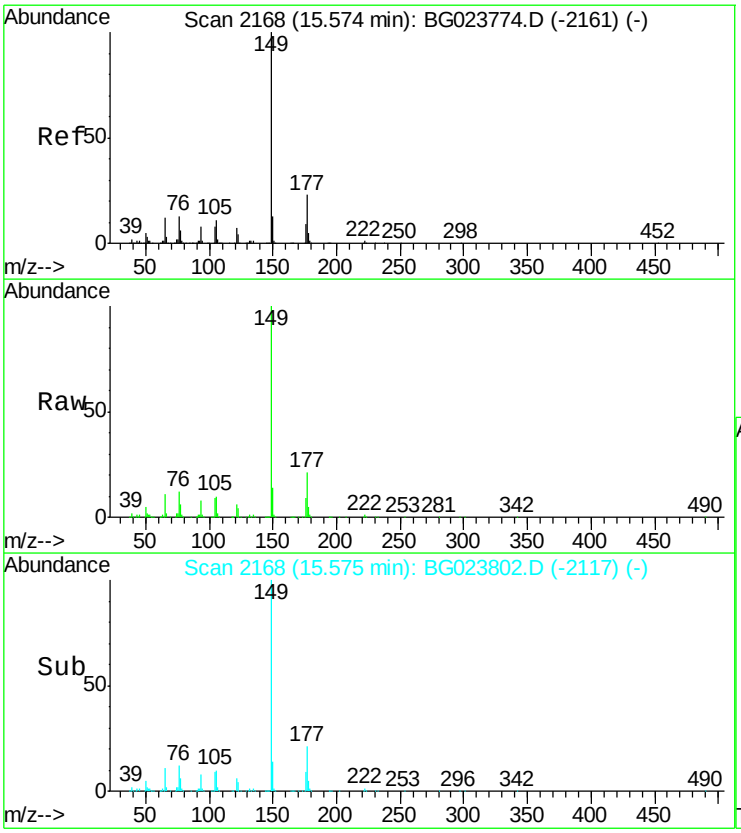
#55
2,3,4,6-Tetrachlorophenol
Concen: 20.30 ng/ul
RT: 15.40 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:232 Resp: 123348

Ion	Ratio	Lower	Upper
232	100		
131	45.4	34.8	52.2
130	2.7	2.2	3.2
166	28.8	23.8	35.6

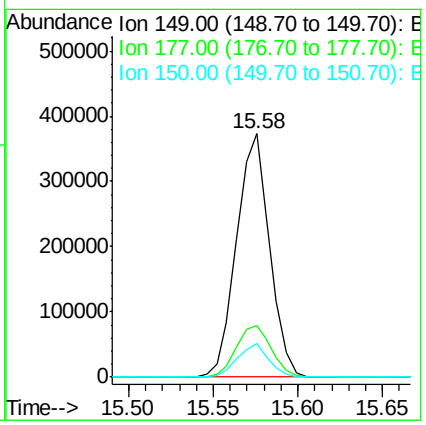


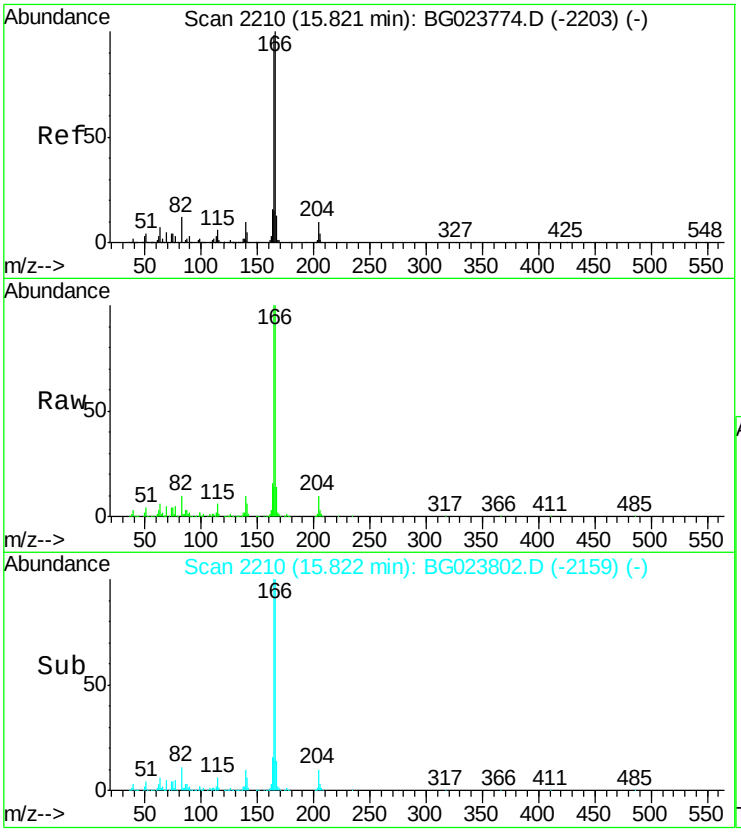


#56
Diethylphthalate
Concen: 20.48 ng/ul
RT: 15.58 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:149 Resp: 505998

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	13.7	9.6	14.4



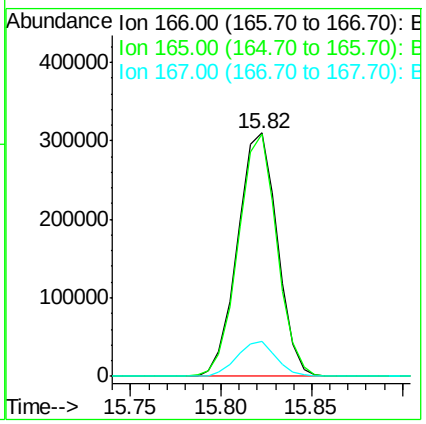


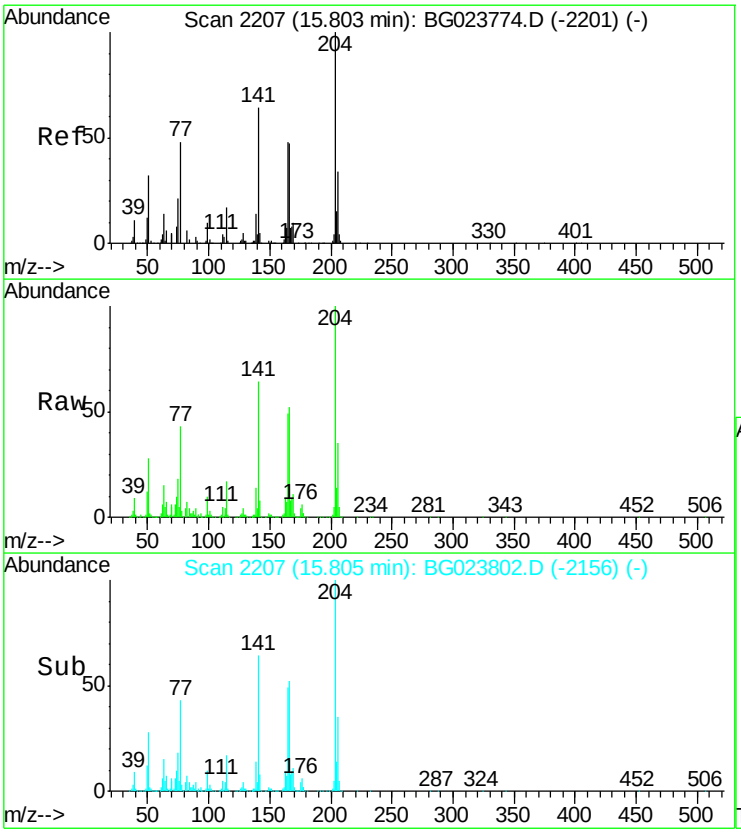
#58
Fluorene
Concen: 21.05 ng/ul
RT: 15.82 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:166 Resp: 473733

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.3	120.5
167	14.2	10.3	15.5

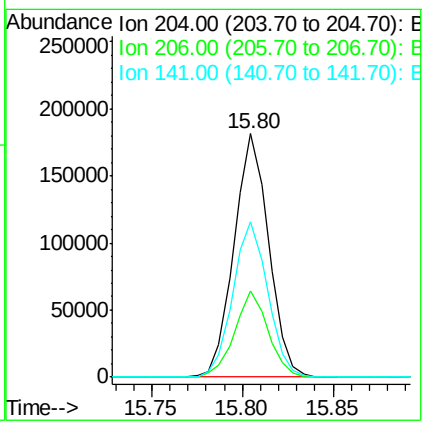


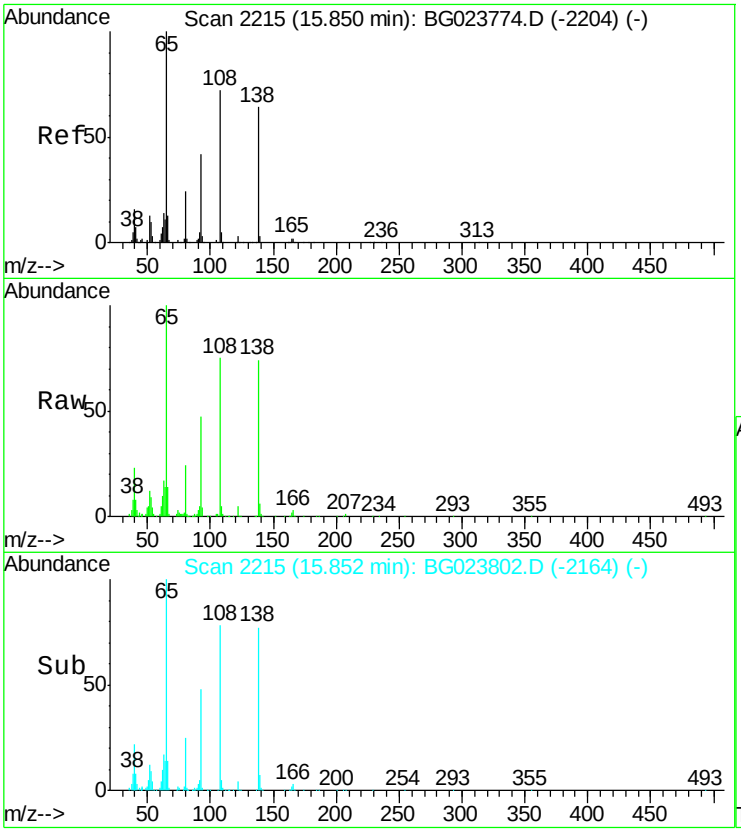


#59
4-Chlorophenyl-phenylether
Concen: 21.24 ng/ul
RT: 15.80 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:204 Resp: 241509

Ion	Ratio	Lower	Upper
204	100		
206	35.4	27.4	41.2
141	64.0	47.1	70.7



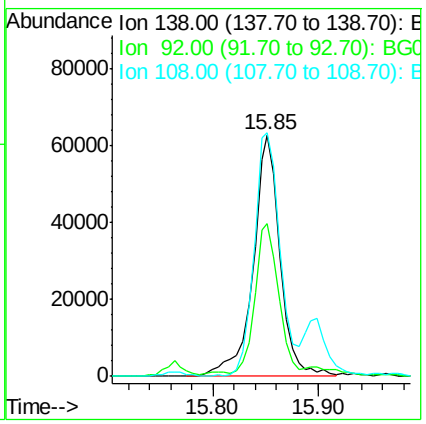


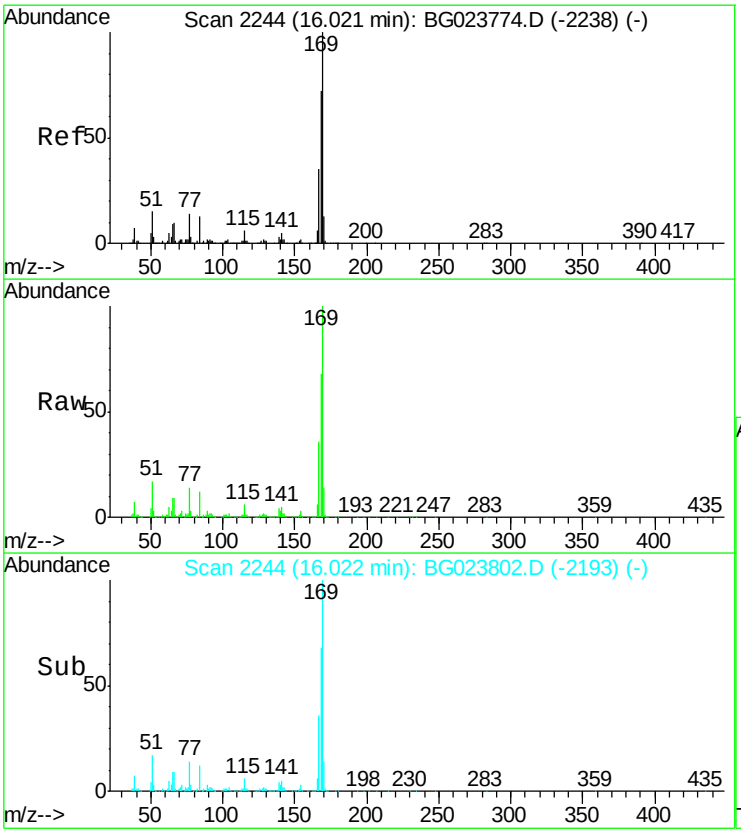
#60
4-Nitroaniline
Concen: 20.61 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:138 Resp: 111293

Ion	Ratio	Lower	Upper
138	100		
92	63.2	39.0	58.4#
108	100.8	49.2	73.8#

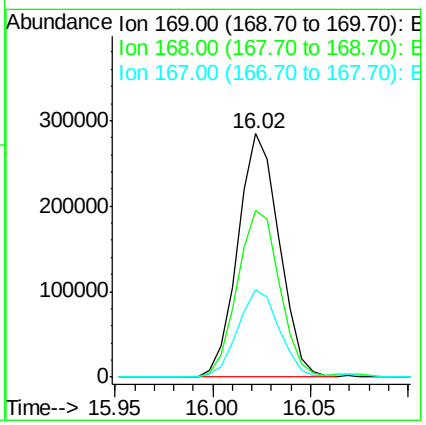


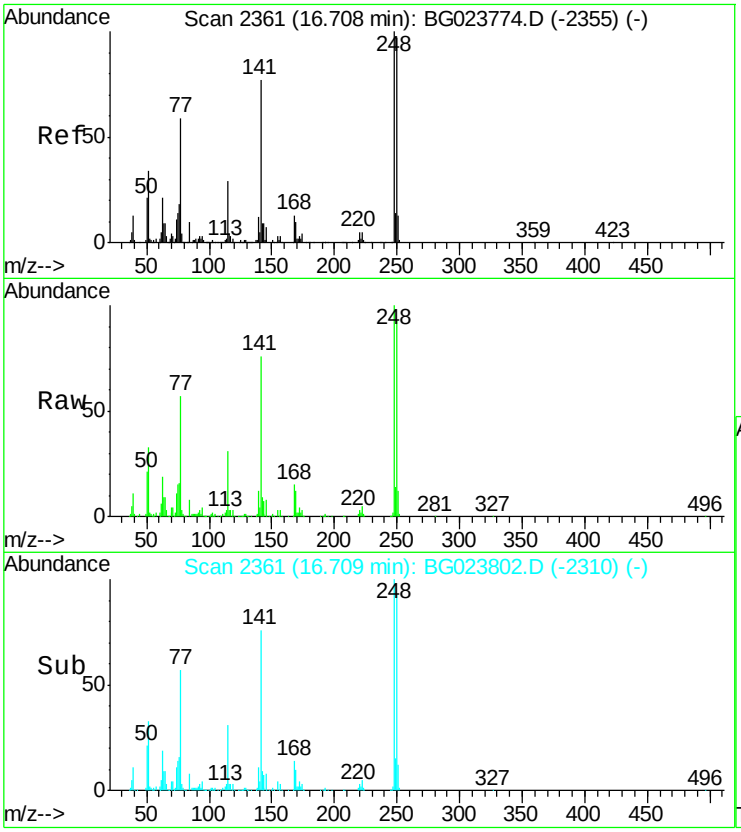


#64
N-Nitrosodiphenylamine
Concen: 21.38 ng/ul
RT: 16.02 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:169 Resp: 416448

Ion	Ratio	Lower	Upper
169	100		
168	68.4	59.0	88.6
167	35.9	30.6	46.0



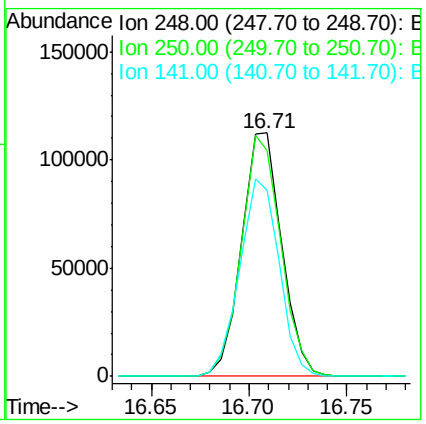


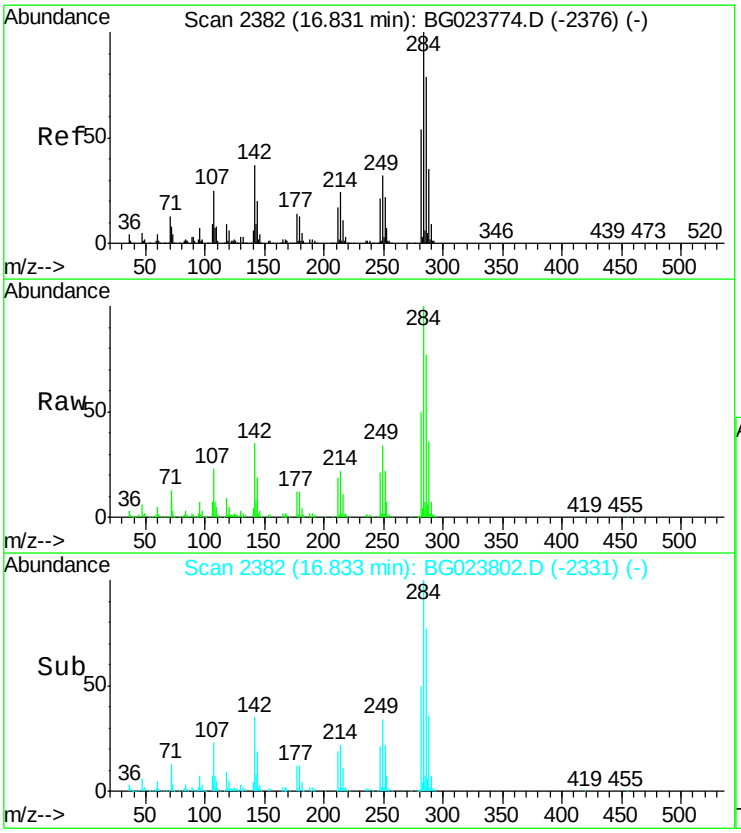
#65
4-Bromophenyl-phenylether
Concen: 21.22 ng/ul
RT: 16.71 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:248 Resp: 160786

Ion	Ratio	Lower	Upper
248	100		
250	92.6	76.6	114.8
141	76.5	61.8	92.6

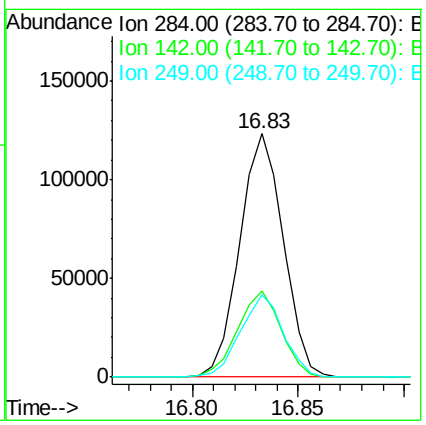


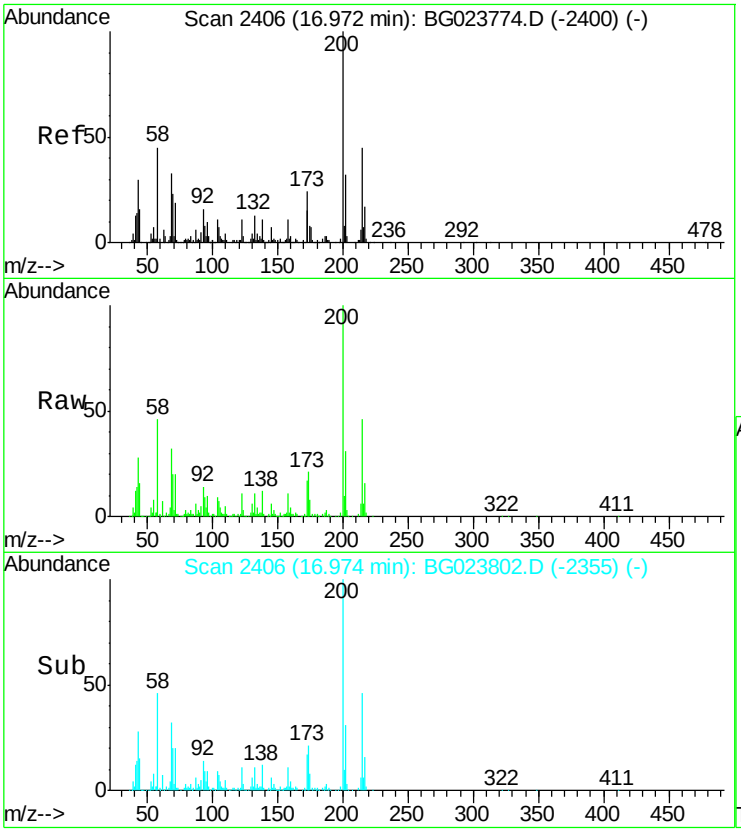


#66
Hexachlorobenzene
Concen: 21.68 ng/ul
RT: 16.83 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:284 Resp: 176906

Ion	Ratio	Lower	Upper
284	100		
142	35.4	27.8	41.8
249	33.7	24.4	36.6



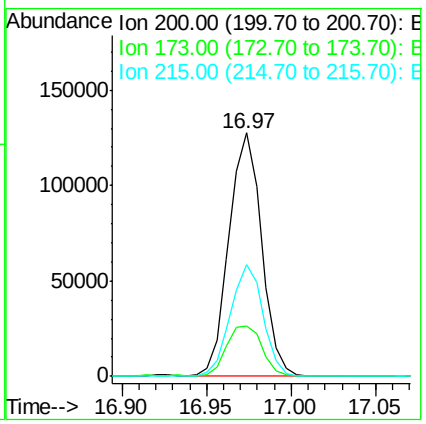


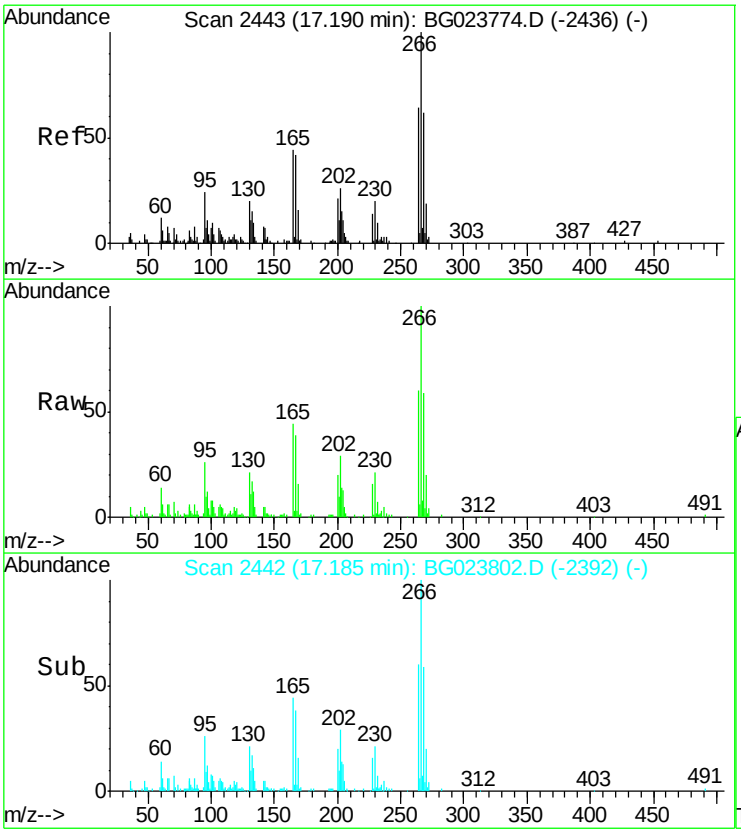
#67
Atrazine
Concen: 21.51 ng/ul
RT: 16.97 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:200 Resp: 171552

Ion	Ratio	Lower	Upper
200	100		
173	20.9	21.0	31.6#
215	46.1	37.9	56.9

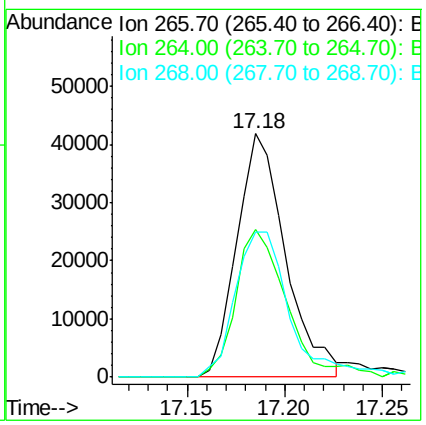


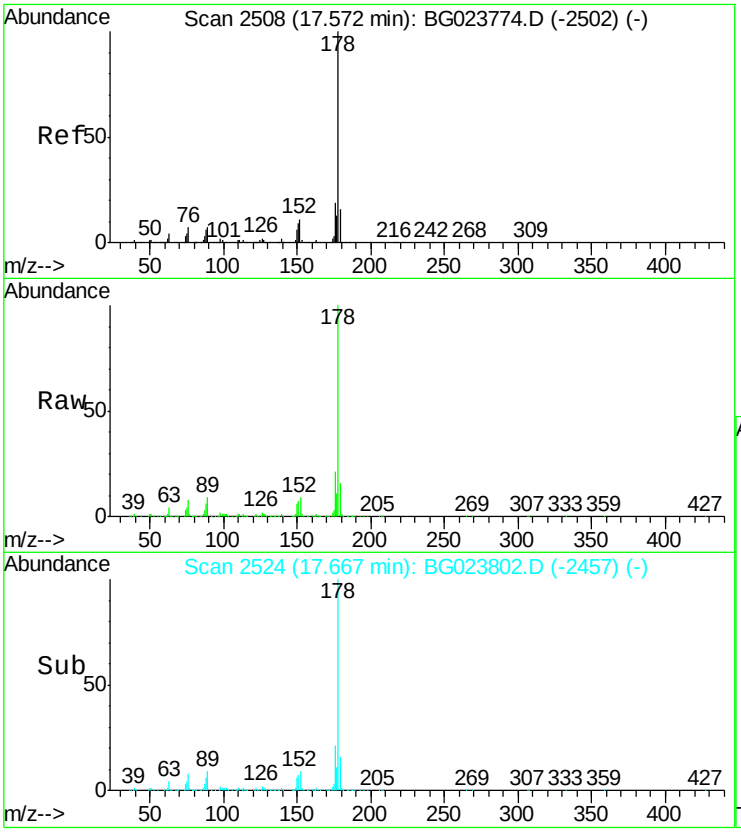


#68
Pentachlorophenol
Concen: 20.46 ng/ul
RT: 17.18 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:266 Resp: 72353

Ion	Ratio	Lower	Upper
266	100		
264	60.4	54.7	82.1
268	59.4	57.8	86.8



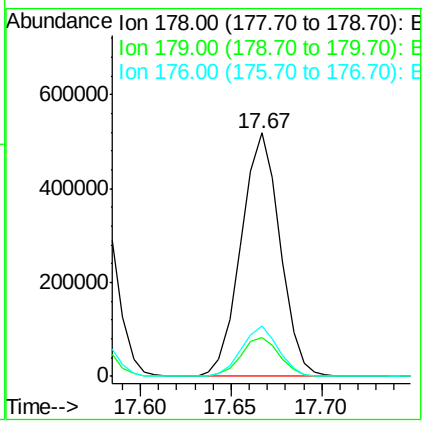


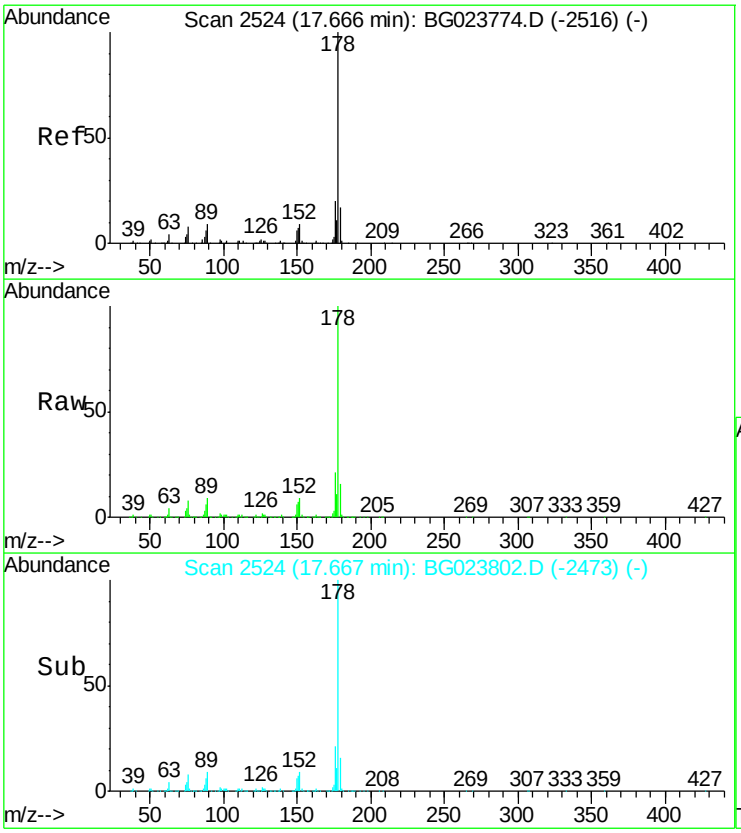
#69
Phenanthrene
Concen: 22.21 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. 0.10 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:178 Resp: 773252

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	20.5	15.8	23.8

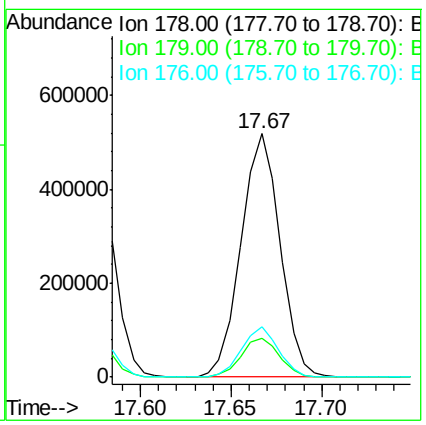


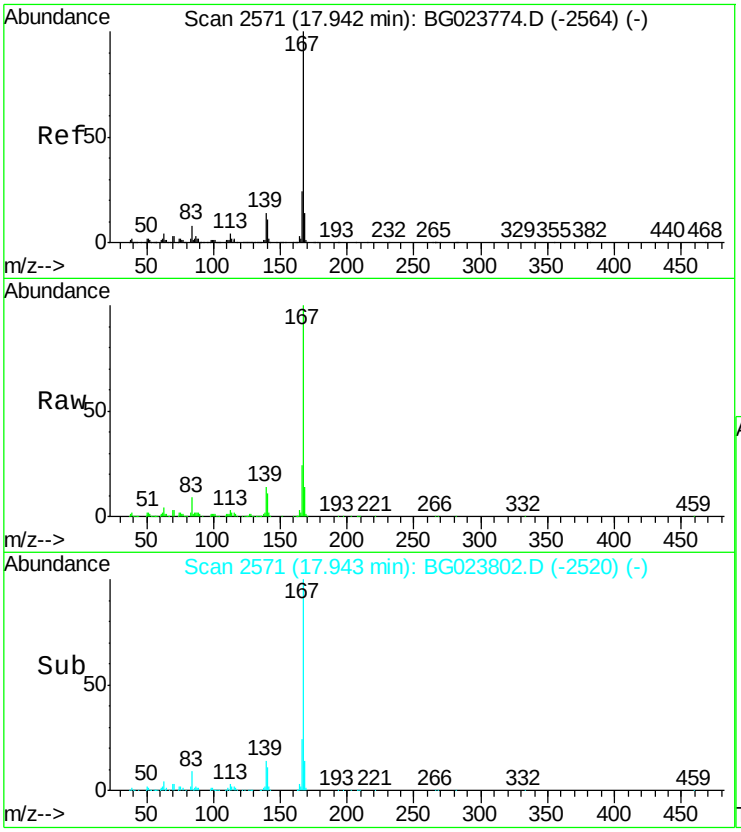


#71
Anthracene
Concen: 21.59 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:178 Resp: 773252

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	20.5	16.3	24.5



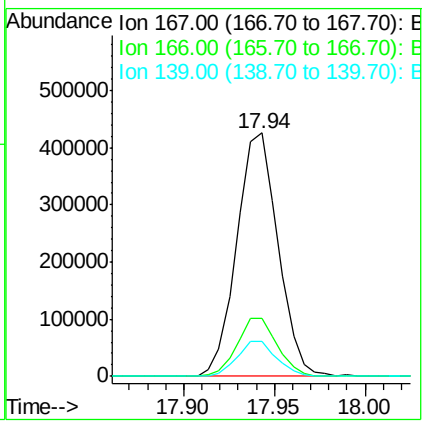


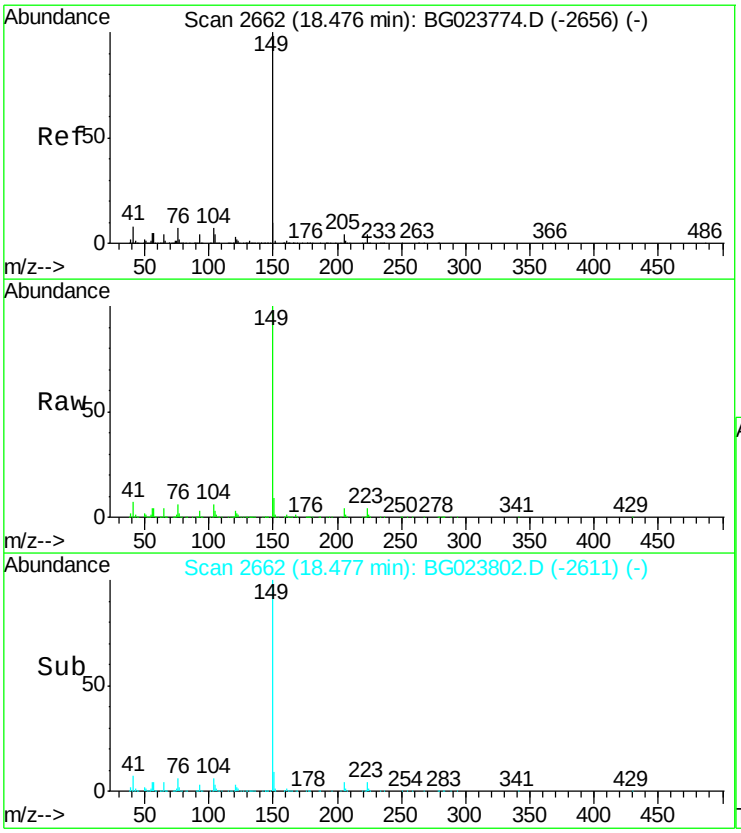
#72
Carbazole
Concen: 23.08 ng/ul
RT: 17.94 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:167 Resp: 674320

Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.2	28.8
139	14.2	10.2	15.4

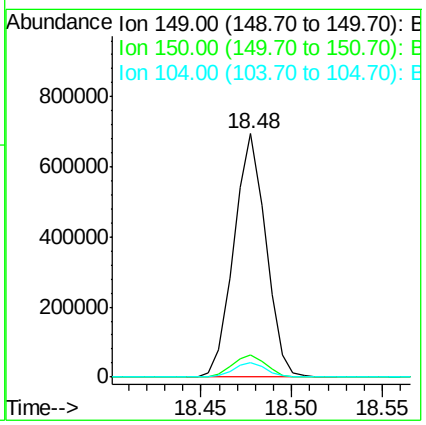


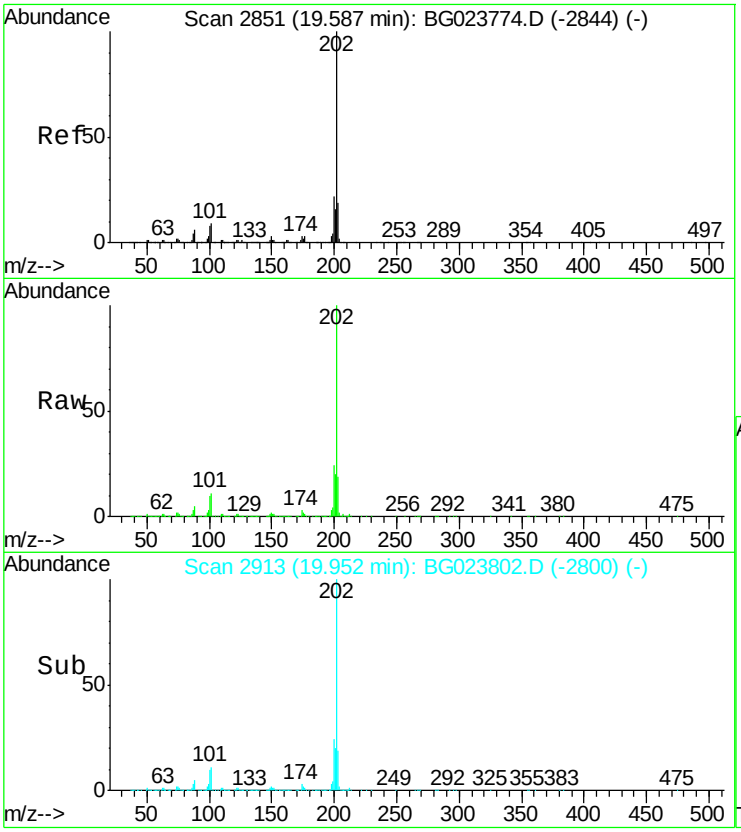


#73
Di-n-butylphthalate
Concen: 21.58 ng/ul
RT: 18.48 min Scan# 2662
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:149 Resp: 853003

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	5.8	3.3	4.9#



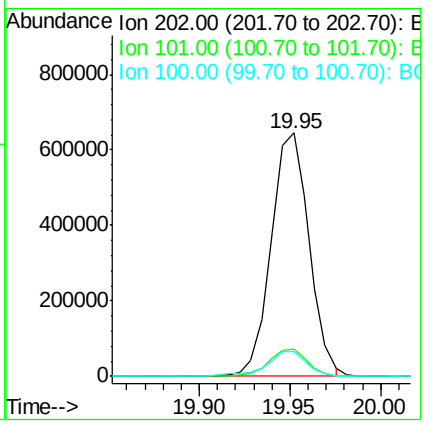


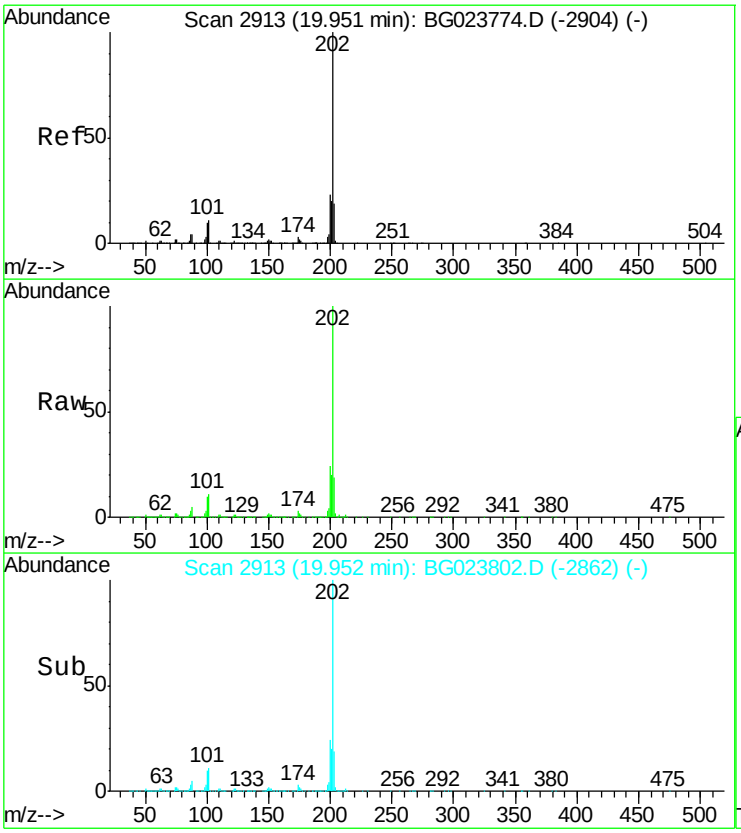
#74
Fluoranthene
Concen: 25.28 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. 0.37 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:202 Resp: 937724

Ion	Ratio	Lower	Upper
202	100		
101	11.1	10.6	16.0
100	10.0	8.7	13.1

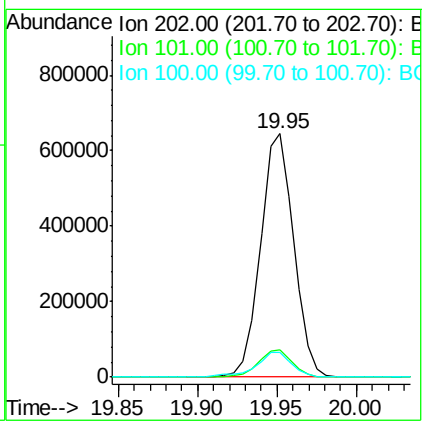


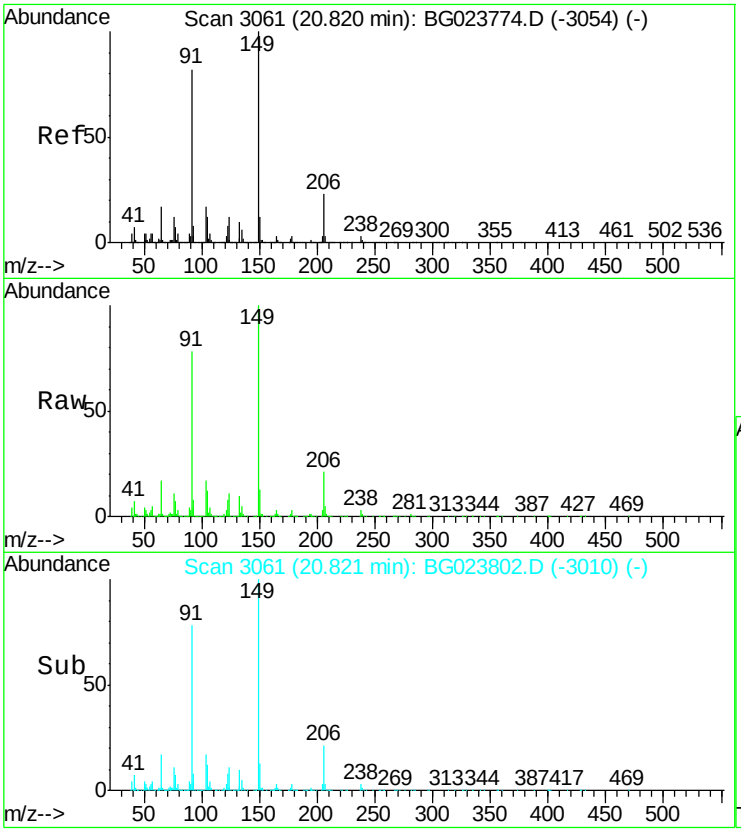


#77
Pyrene
Concen: 20.84 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:202 Resp: 939614

Ion	Ratio	Lower	Upper
202	100		
101	11.1	12.5	18.7#
100	10.0	10.2	15.4#



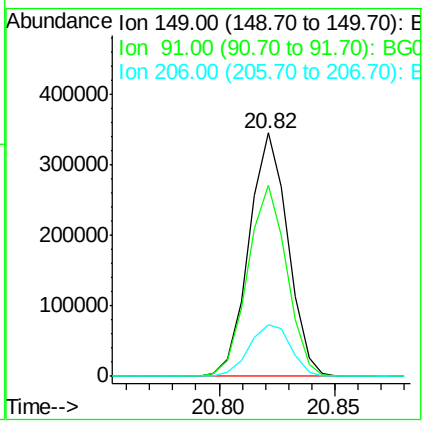


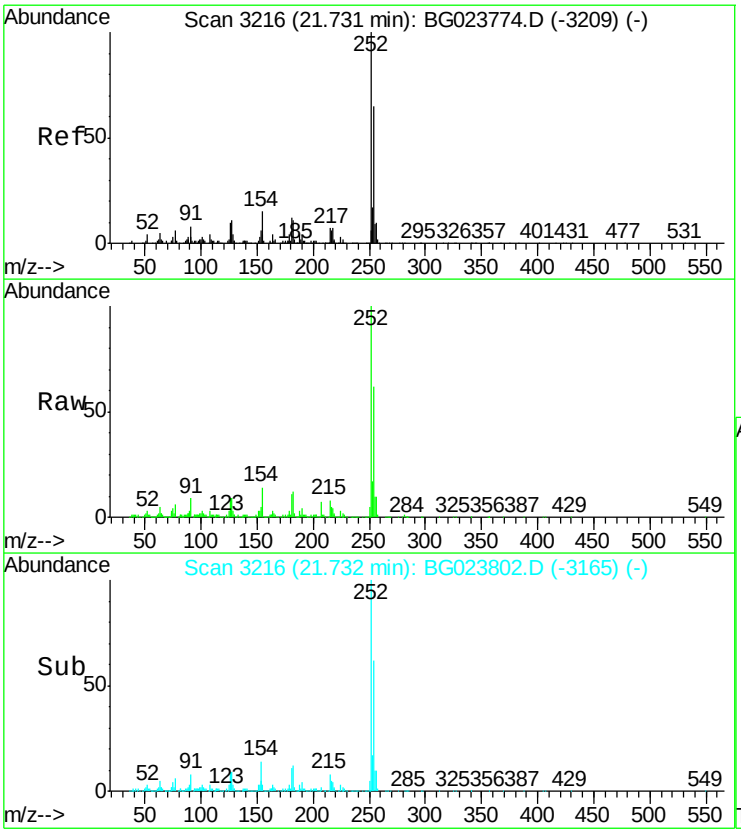
#78
Butylbenzylphthalate
Concen: 19.88 ng/ul
RT: 20.82 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:149 Resp: 405492

Ion	Ratio	Lower	Upper
149	100		
91	78.4	54.2	81.4
206	21.2	14.1	21.1#

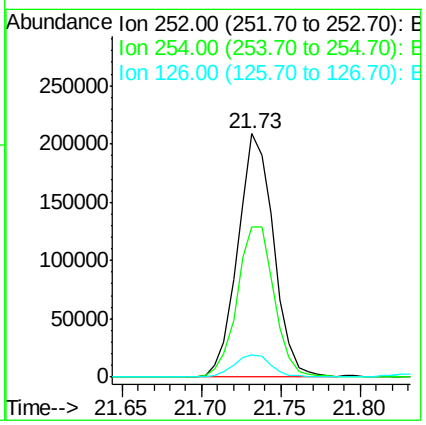


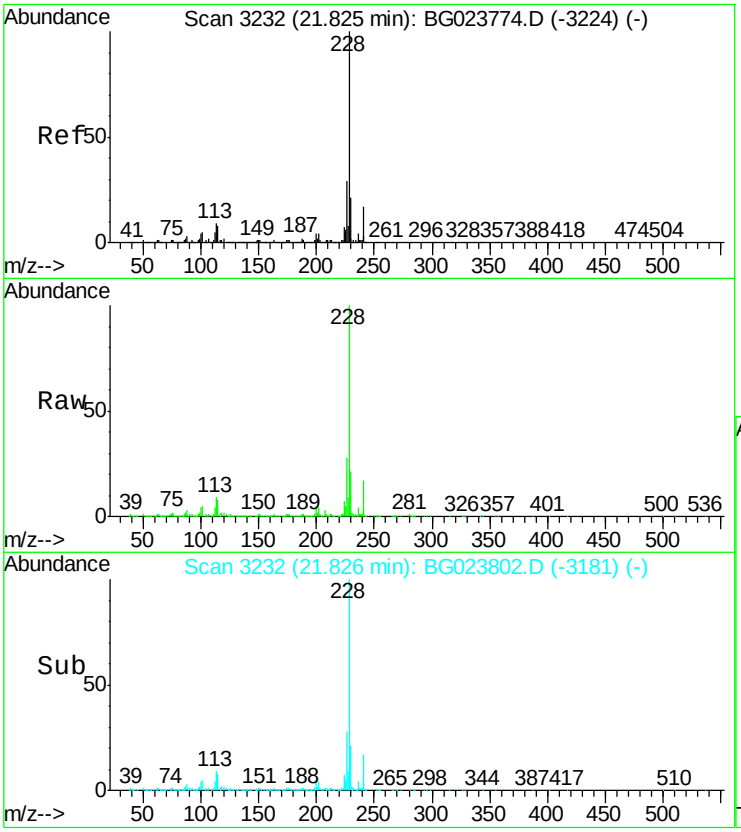


#79
3,3'-Dichlorobenzidine
Concen: 21.55 ng/ul
RT: 21.73 min Scan# 3216
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:252 Resp: 326866

Ion	Ratio	Lower	Upper
252	100		
254	61.7	51.4	77.2
126	9.0	10.7	16.1#



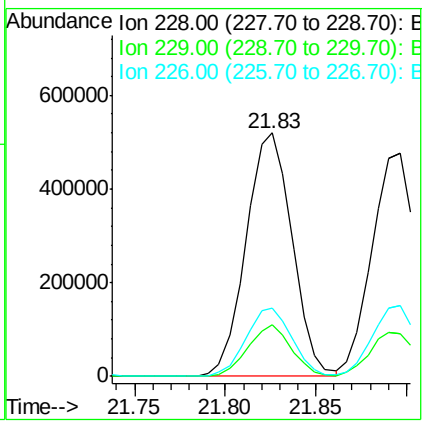


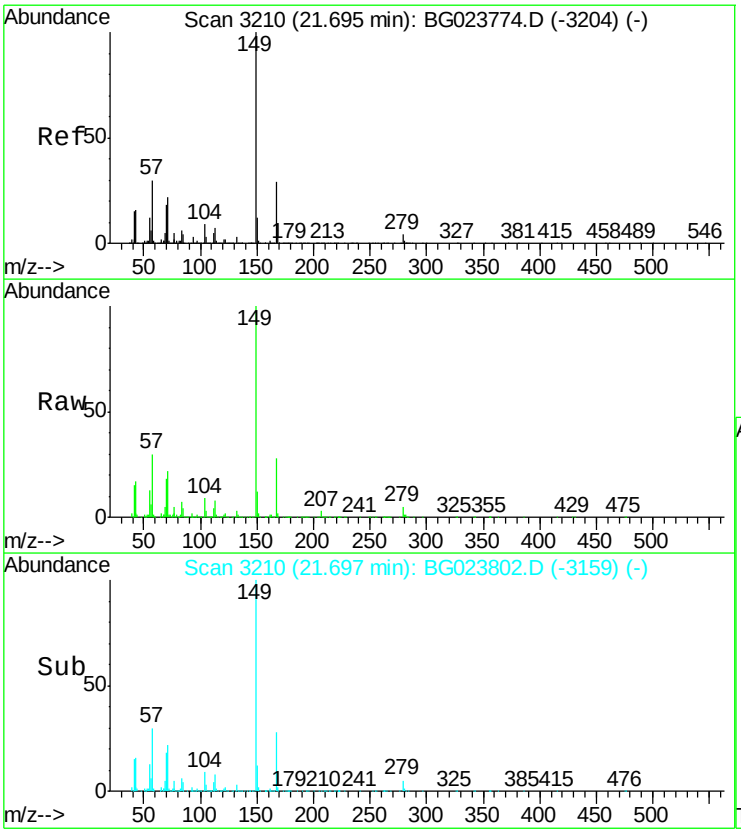
#80
Benzo(a)anthracene
Concen: 20.79 ng/ul
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:228 Resp: 917018

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.2
226	28.1	22.8	34.2

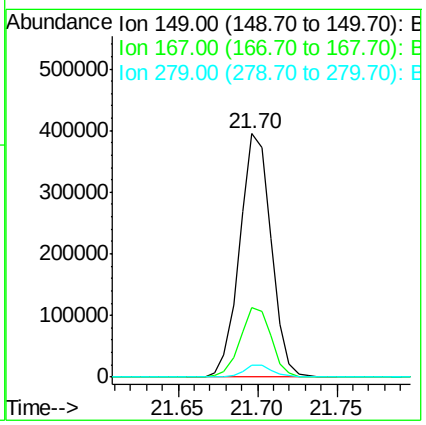


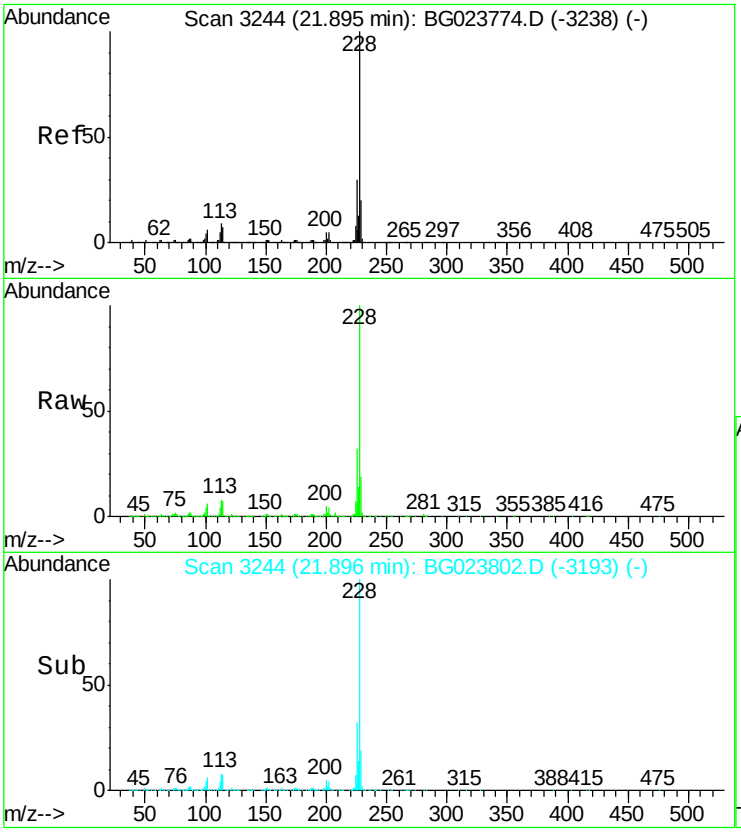


#81
Bis(2-ethylhexyl)phthalate
Concen: 19.73 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:149 Resp: 541390

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.9	32.9
279	5.0	2.9	4.3#



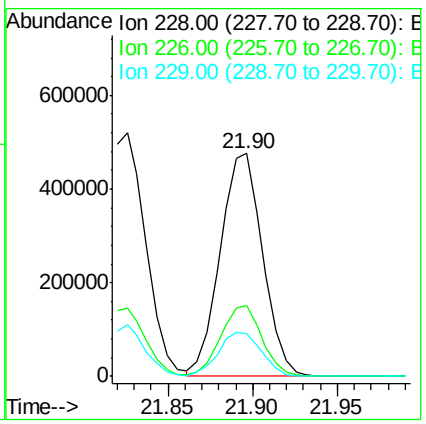


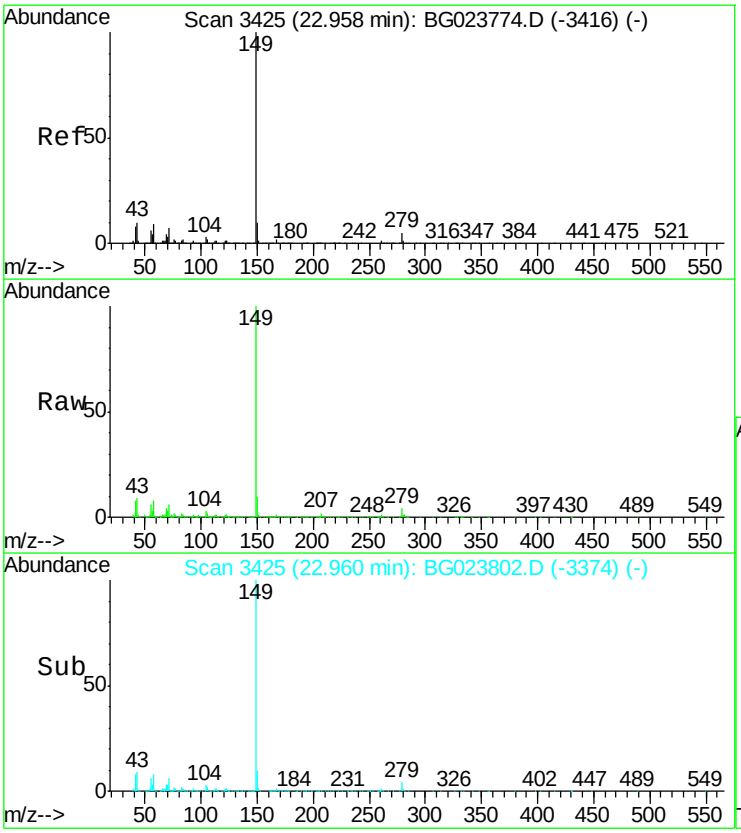
#82
Chrysene
Concen: 20.82 ng/ul
RT: 21.90 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:228 Resp: 826509

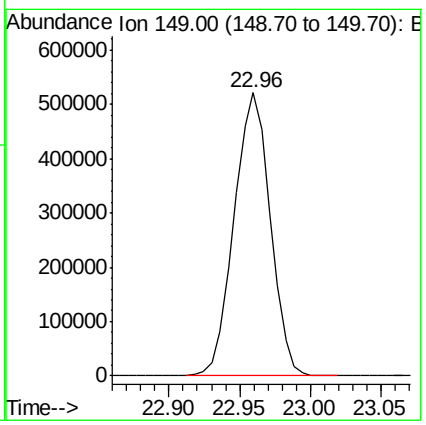
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.4
229	19.4	15.0	22.6

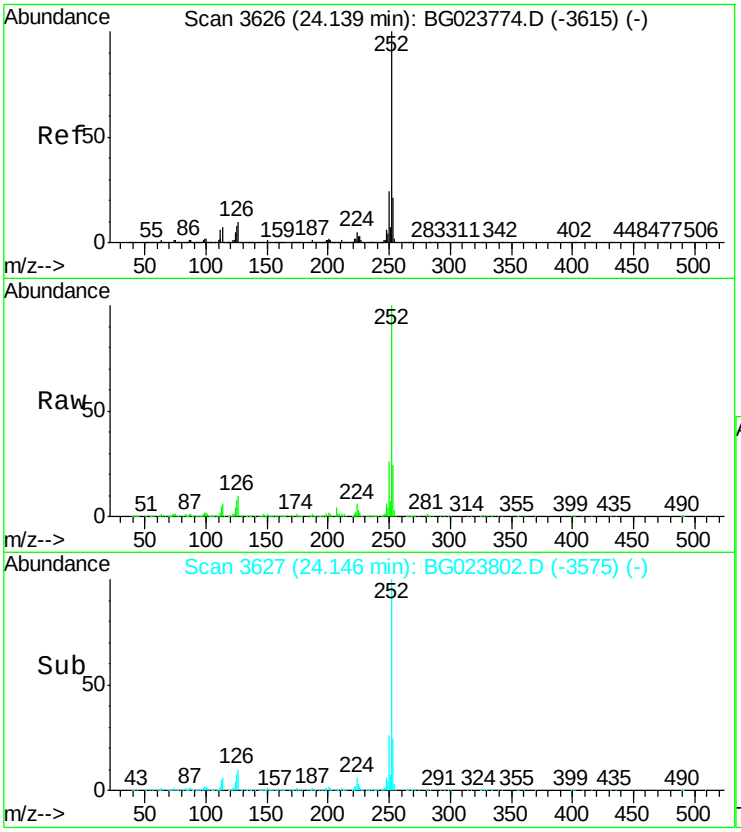




#84
Di-n-octyl phthalate
Concen: 22.18 ng/ul
RT: 22.96 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:149 Resp: 929831



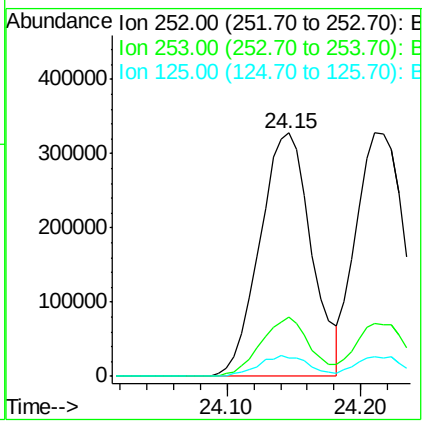


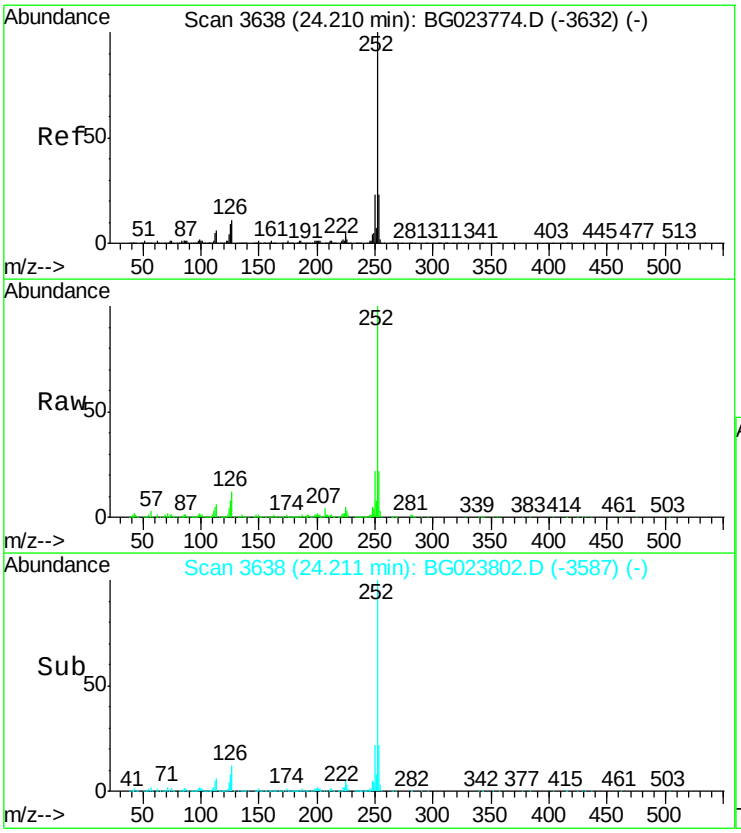
#85
Benzo(b)fluoranthene
Concen: 20.73 ng/ul
RT: 24.15 min Scan# 3627
Delta R.T. 0.01 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:252 Resp: 879202

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	7.8	10.8	16.2#

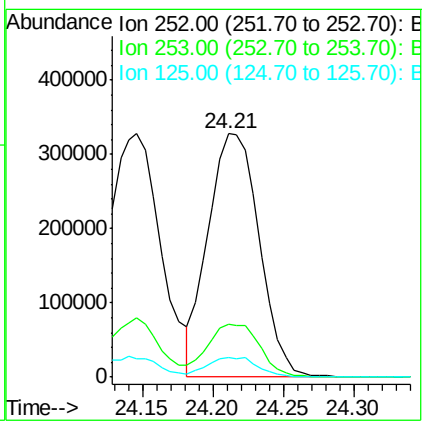


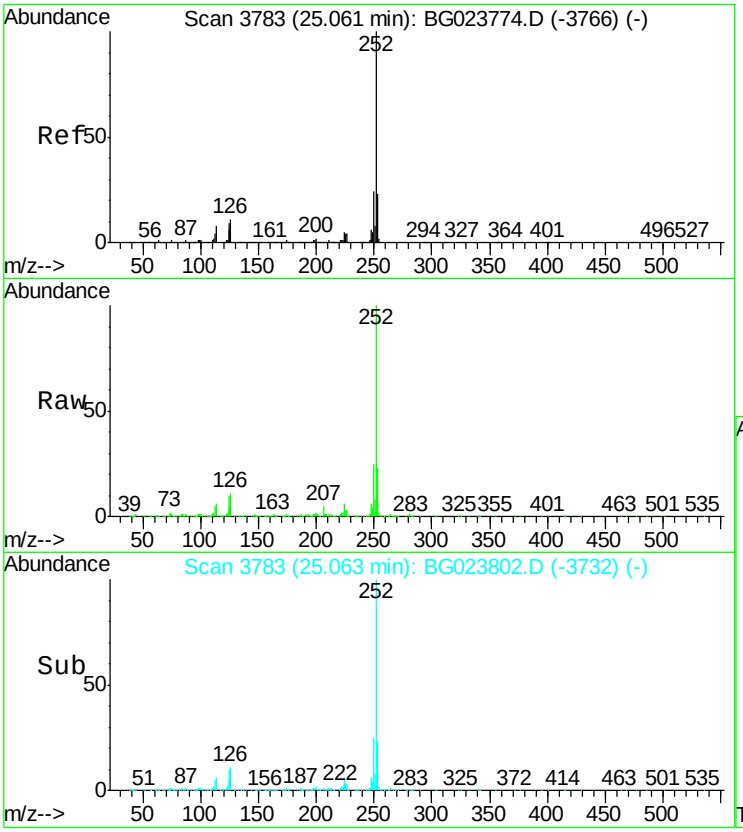


#86
Benzo(k)fluoranthene
Concen: 20.15 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:252 Resp: 825392

Ion	Ratio	Lower	Upper
252	100		
253	21.9	15.8	23.6
125	7.9	10.6	16.0#



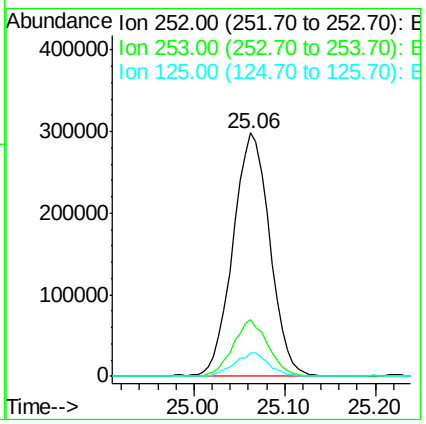


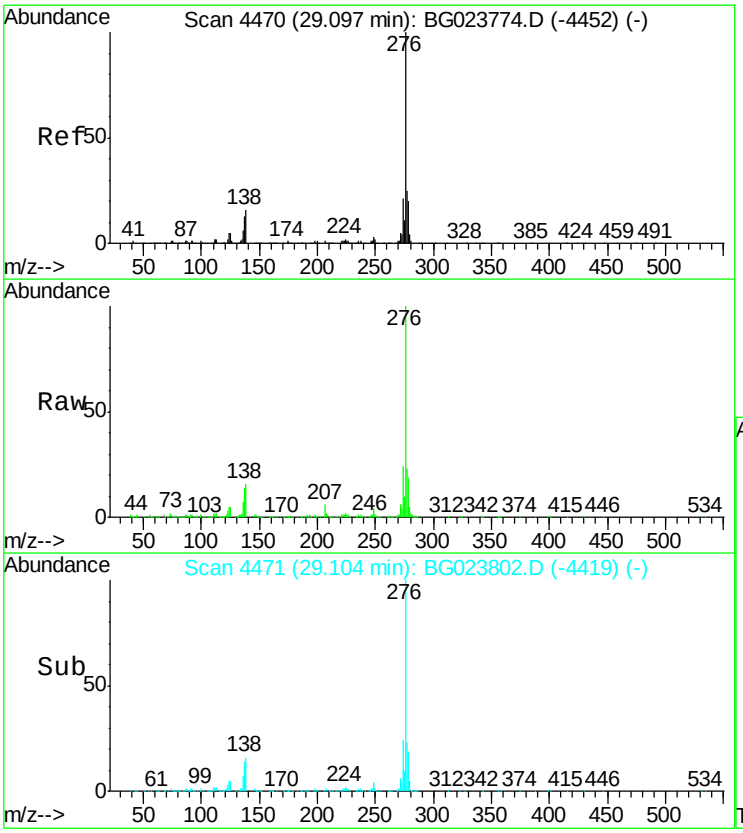
#88
Benzo(a)pyrene
Concen: 20.63 ng/ul
RT: 25.06 min Scan# 3783
Delta R.T. 0.00 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:252 Resp: 839785

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	9.7	12.0	18.0#

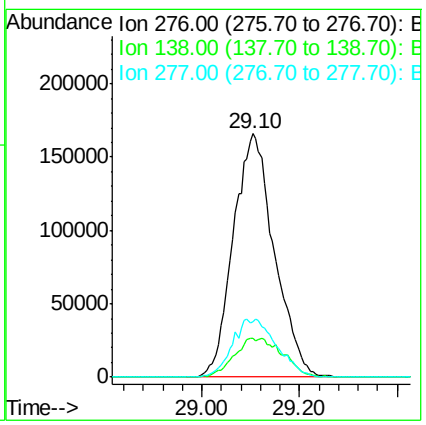


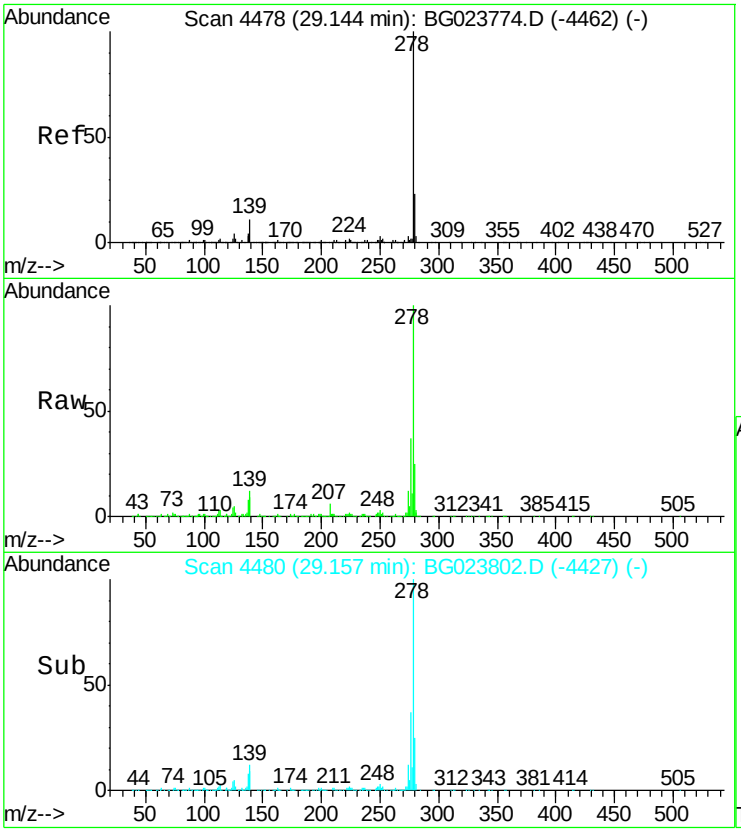


#89
Indeno(1,2,3-cd)pyrene
Concen: 20.24 ng/ul
RT: 29.10 min Scan# 4471
Delta R.T. 0.01 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:276 Resp: 968671

Ion	Ratio	Lower	Upper
276	100		
138	15.9	20.8	31.2#
277	22.8	17.6	26.4



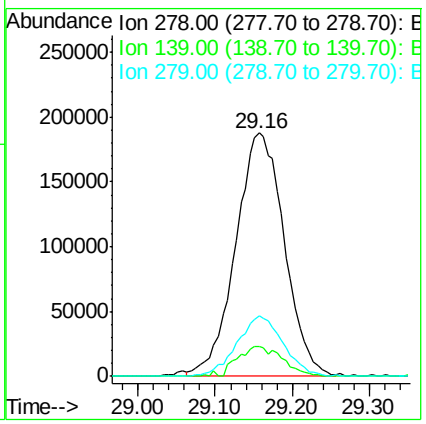


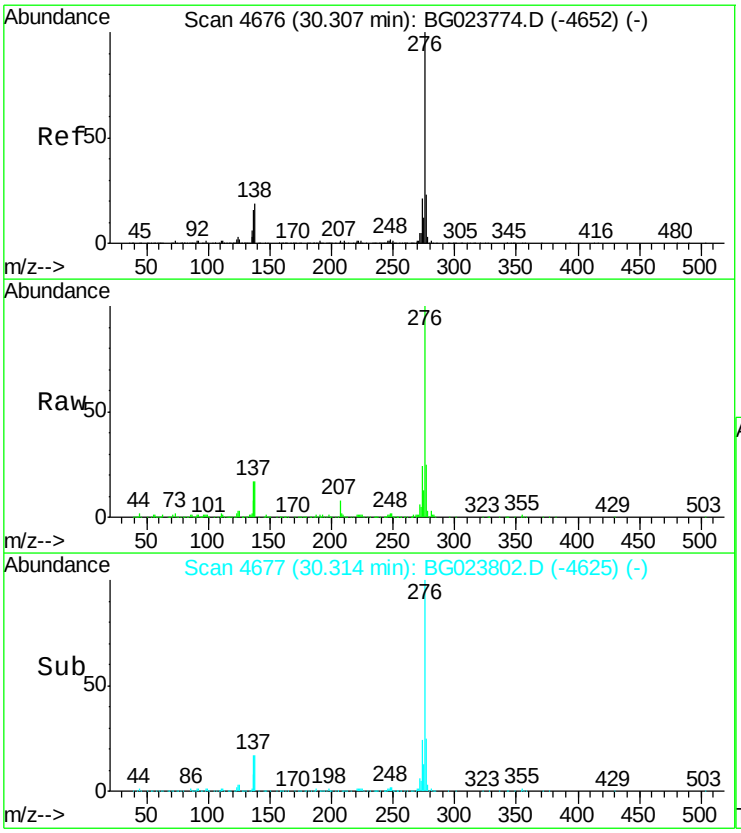
#90
Dibenzo(a,h)anthracene
Concen: 20.13 ng/ul
RT: 29.16 min Scan# 4480
Delta R.T. 0.01 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Tgt Ion:278 Resp: 825937

Ion	Ratio	Lower	Upper
278	100		
139	12.1	16.3	24.5#
279	25.0	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 13.19 ng/ul
RT: 30.31 min Scan# 4677
Delta R.T. 0.01 min
Lab File: BG023802.D
Acq: 20 Aug 2016 5:17

Tgt Ion:276 Resp: 521966

Ion	Ratio	Lower	Upper
276	100		
138	17.4	22.1	33.1#
277	25.1	17.0	25.4