Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042416.D
Acq On : 23 Aug 2019 00:45
Operator : HP/JU
Sample : K4418-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 23 02:39:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	99480	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	411380	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	211915	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	446467	20.00	ng		0.00
76) Chrysene-d12	21.69	240	458757	20.00	ng		0.00
87) Perylene-d12	24.93	264	495564	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	69036	14.05	ng		0.00
7) Phenol-d6	7.17	99	60334	9.09	ng		0.00
23) Nitrobenzene-d5	9.17	82	231800	38.94	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	100406	33.34	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	581940	46.44	ng		0.00
79) Terphenyl-d14	20.03	244	866459	40.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.71	88	2649	1.292	ng	#	1
3) Pyridine	3.83	79	65	0.012	ng	#	1
4) n-Nitrosodimethylamine	3.77	42	692	0.369	ng	#	1
6) Aniline	7.32	93	1883	0.213	ng	#	90
9) Benzaldehyde	7.14	77	1295	0.390	ng	#	1
10) Phenol	7.20	94	28886	4.282	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	837	0.158	ng		79
15) Benzyl Alcohol	8.23	79	1376	0.288	ng	#	49
16) 2,2'-oxybis(1-Chloropropan	8.53	45	1477	0.206	ng		67
17) 2-Methylphenol	8.28	107	442	0.089	ng	#	57
18) Hexachloroethane	9.12	117	2124	0.809	ng	#	1
19) n-Nitroso-di-n-propylamine	9.16	70	28584	6.650	ng	#	73
20) 3+4-Methylphenols	8.78	107	66417	9.660	ng		90
22) Acetophenone	8.82	105	4326	0.492	ng	#	79
24) Nitrobenzene	9.17	77	937	0.155	ng	#	33
25) Isophorone	9.73	82	1299	0.111	ng	#	59
26) 2-Nitrophenol	9.62	139	57	0.015	ng	#	1
27) 2,4-Dimethylphenol	10.10	122	13991	2.689	ng	#	3
28) bis(2-Chloroethoxy)methane	10.23	93	479	0.065	ng	#	1
29) 2,4-Dichlorophenol	10.69	162	57	0.008	ng	#	25
31) Naphthalene	10.87	128	35216	1.844	ng		99
32) Benzoic acid	10.10	122	13991	11.243	ng		95
33) 4-Chloroaniline	10.98	127	820	0.093	ng	#	41
35) Caprolactam	11.80	113	956	0.421	ng	#	1
36) 4-Chloro-3-methylphenol	12.16	107	604	0.093	ng	#	72
37) 2-Methylnaphthalene	12.49	142	15564	1.015	ng		94
38) 1-Methylnaphthalene	12.71	142	15569	1.069	ng		98
46) 1,1'-Biphenyl	13.49	154	5226	0.382	ng		90
47) 2-Chloronaphthalene	13.64	162	122	0.010	ng	#	1
48) 2-Nitroaniline	13.72	65	356	0.125	ng	#	1
49) Acenaphthylene	14.39	152	10715	0.603	ng		96
50) Dimethylphthalate	14.10	163	219253	14.339	ng		99
51) 2,6-Dinitrotoluene	14.19	165	2467	0.696	ng	#	36
52) Acenaphthene	14.73	154	10795	1.000	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042416.D
Acq On : 23 Aug 2019 00:45
Operator : HP/JU
Sample : K4418-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 23 02:39:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 3-Nitroaniline	14.56	138	122	0.034	ng	#	8
54) 2,4-Dinitrophenol	15.20	184	11405	10.661	ng	#	68
55) Dibenzofuran	15.06	168	7166	0.401	ng	#	79
56) 4-Nitrophenol	15.20	139	1348	0.535	ng		93
57) 2,4-Dinitrotoluene	15.20	165	1626	0.320	ng	#	67
58) Fluorene	15.71	166	14781	1.012	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.30	232	78	0.017	ng	#	1
60) Diethylphthalate	15.47	149	5032	0.337	ng		97
61) 4-Chlorophenyl-phenylether	15.59	204	56	0.006	ng	#	1
62) 4-Nitroaniline	15.74	138	307	0.081	ng	#	1
63) Azobenzene	16.01	77	1032	0.101	ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.80	198	351	0.125	ng	#	1
66) n-Nitrosodiphenylamine	15.93	169	3926	0.320	ng	#	78
67) 4-Bromophenyl-phenylether	16.15	248	7102	1.254	ng	#	1
69) Atrazine	16.88	200	769	0.177	ng	#	10
70) Pentachlorophenol	17.08	266	2506	0.783	ng	#	88
71) Phenanthrene	17.45	178	97138	4.380	ng		98
72) Anthracene	17.55	178	27283	1.232	ng		98
73) Carbazole	17.82	167	4783	0.242	ng	#	77
74) Di-n-butylphthalate	18.38	149	12305	0.528	ng		98
75) Fluoranthene	19.47	202	109278	4.038	ng		98
77) Benzidine	19.66	184	1933	0.147	ng	#	23
78) Pyrene	19.83	202	138725	4.932	ng		98
80) Butylbenzylphthalate	20.71	149	1510	0.136	ng	#	12
81) Benzo(a)anthracene	21.67	228	69086	2.476	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	1561	0.139	ng	#	88
83) Chrysene	21.74	228	66028	2.453	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	22205	1.446	ng		96
85) Di-n-octyl phthalate	22.79	149	1283	0.049	ng	#	77
86) Indeno(1,2,3-cd)pyrene	28.63	276	68002	1.859	ng	#	90
88) Benzo(b)fluoranthene	23.90	252	98744	3.624	ng	#	97
89) Benzo(k)fluoranthene	23.90	252	98744	3.771	ng		97
90) Benzo(a)pyrene	24.78	252	92198	3.566	ng		98
91) Dibenzo(a,h)anthracene	28.68	278	17113	0.654	ng	#	86
92) Benzo(g,h,i)perylene	29.79	276	80120	3.060	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
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Acq On : 23 Aug 2019 00:45
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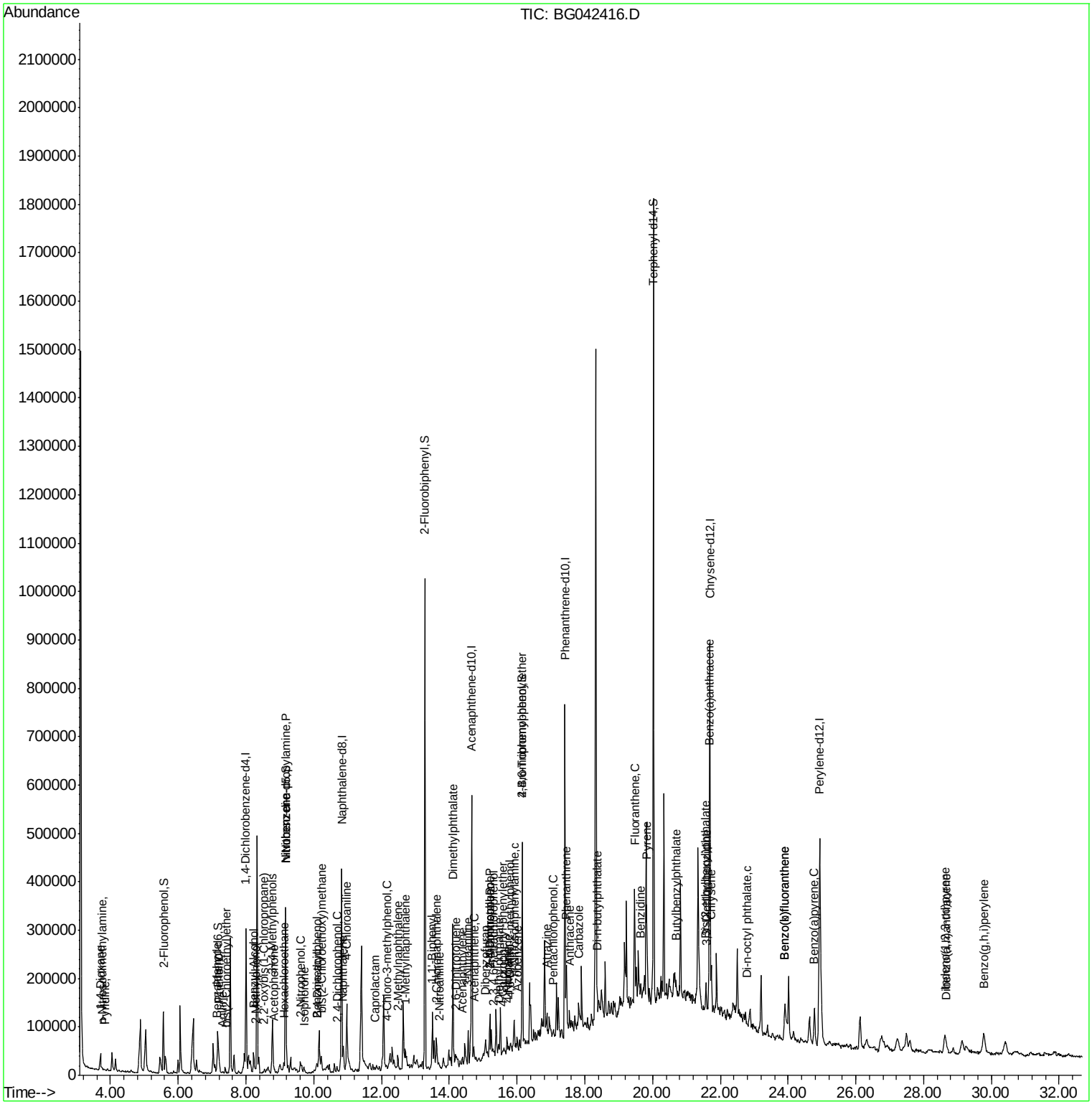
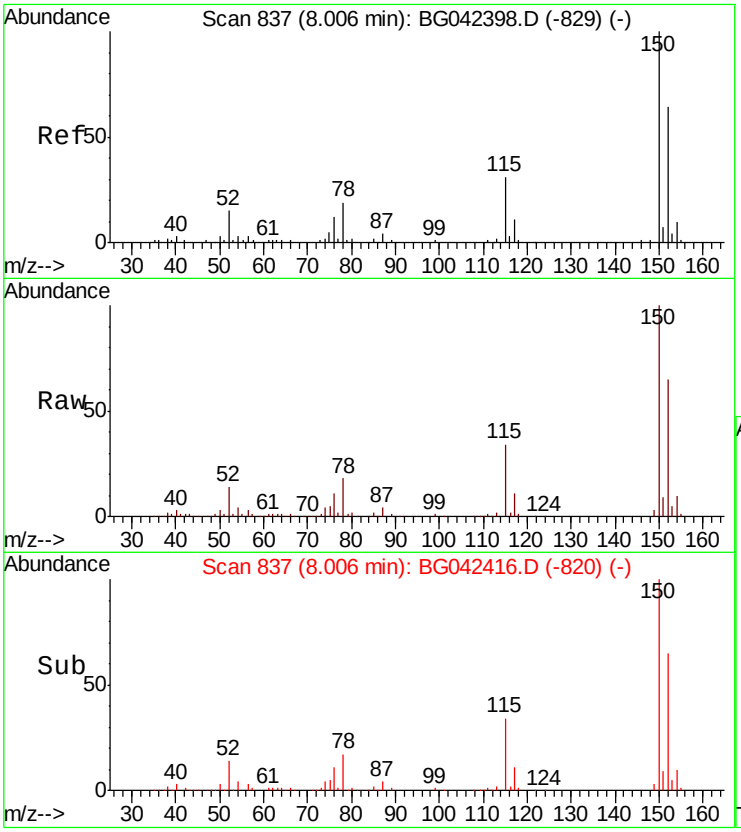
Response via : Initial Calibration



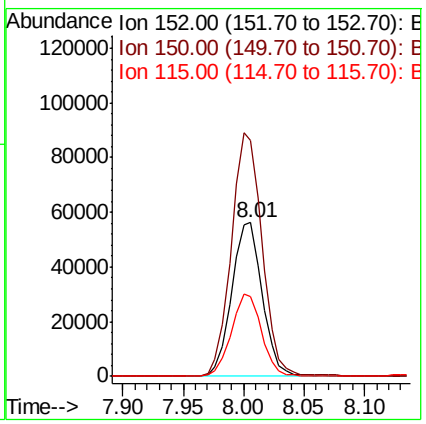


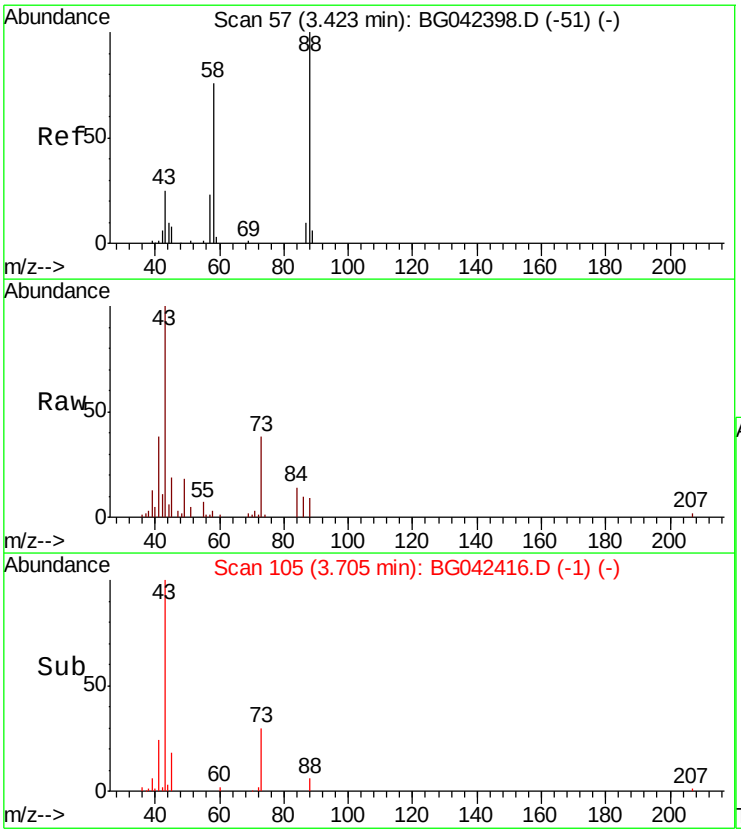
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 99480

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.4	188.0
115	52.0	38.5	57.7

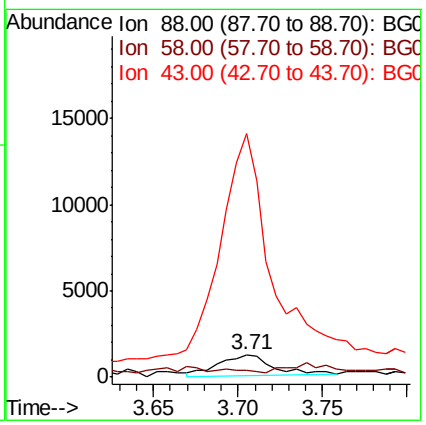


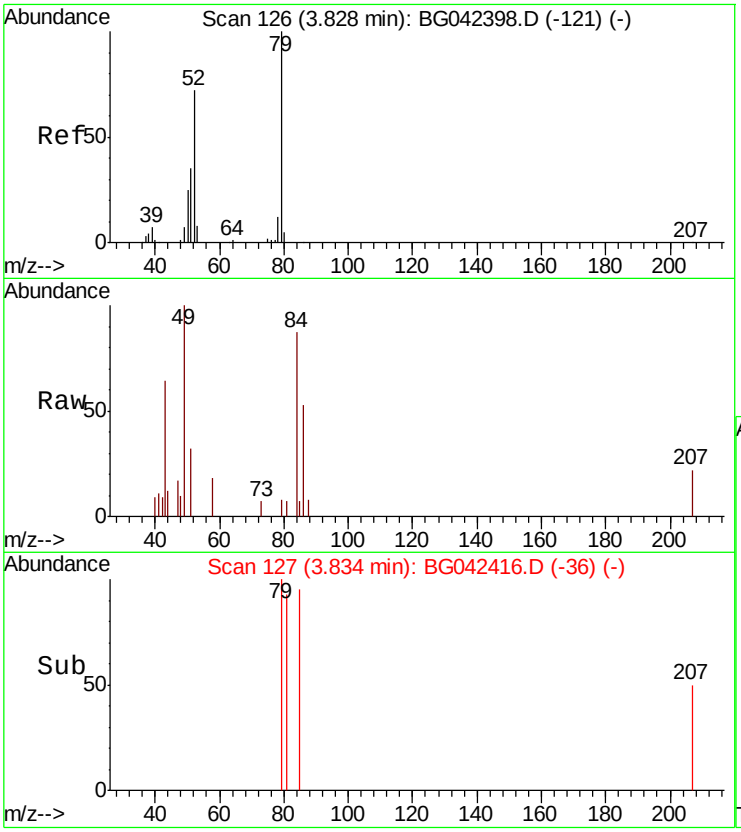


#2
1,4-Dioxane
Concen: 1.292 ng
RT: 3.71 min Scan# 105
Delta R.T. 0.28 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 88 Resp: 2649

Ion	Ratio	Lower	Upper
88	100		
58	10.0	58.3	87.5#
43	1120.2	20.2	30.2#



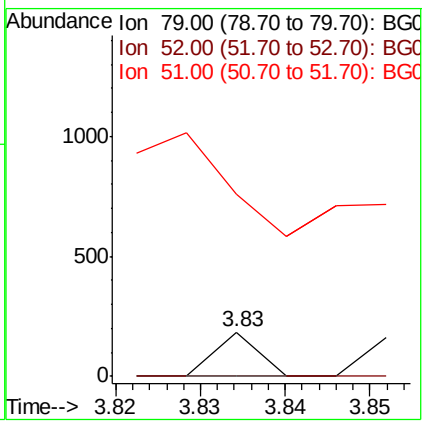


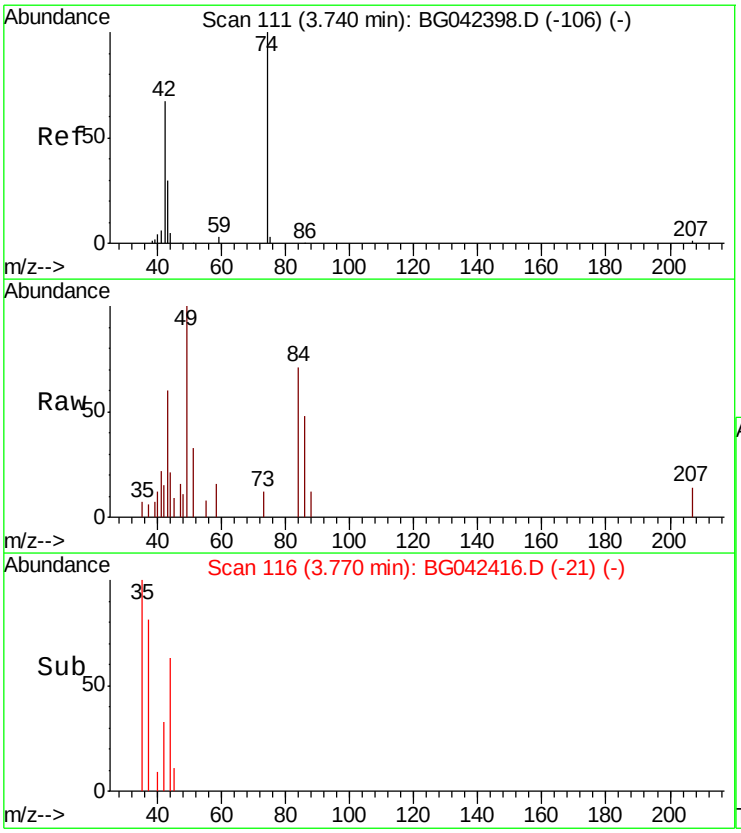
#3
Pyridine
Concen: 0.012 ng
RT: 3.83 min Scan# 127
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 65

Ion	Ratio	Lower	Upper
79	100		
52	0.0	57.7	86.5#
51	411.4	28.8	43.2#

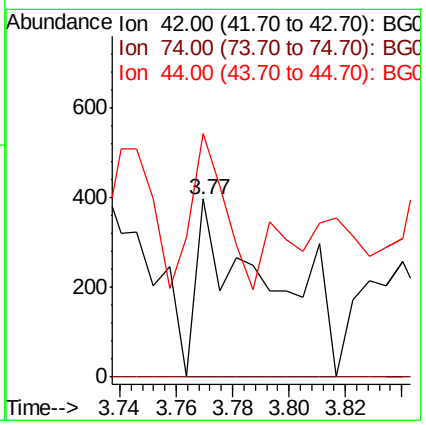


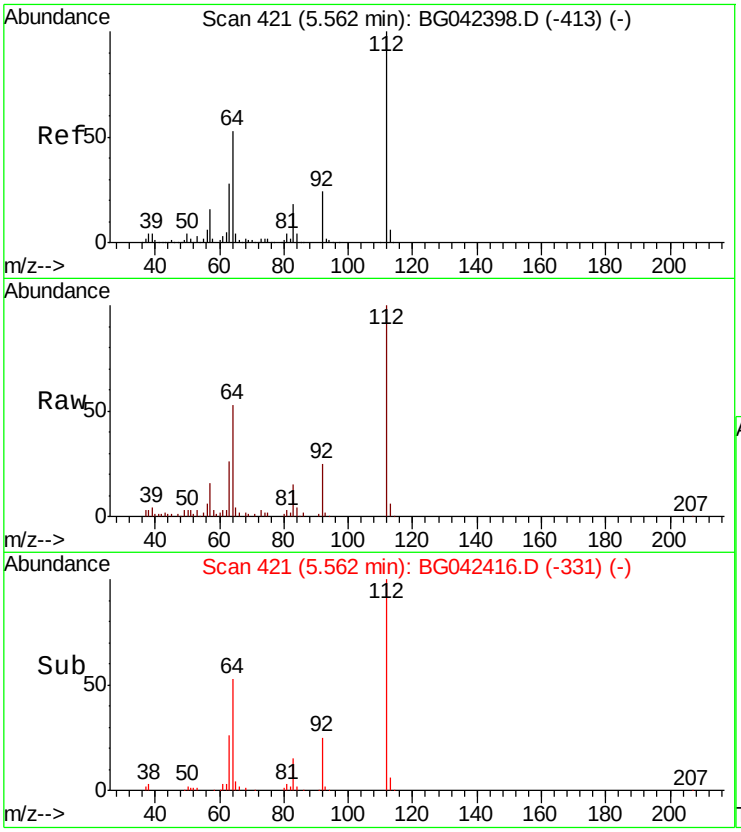


#4
n-Nitrosodimethylamine
Concen: 0.369 ng
RT: 3.77 min Scan# 116
Delta R.T. 0.03 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 42 Resp: 692

Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.6	179.4#
44	136.5	6.5	9.7#



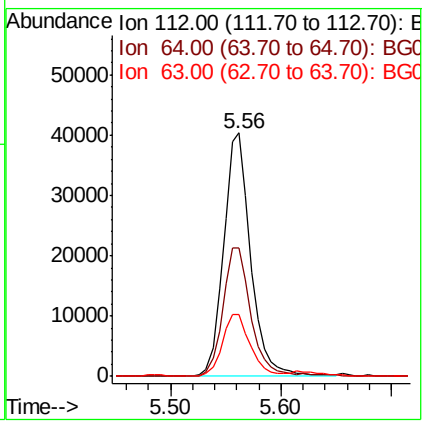


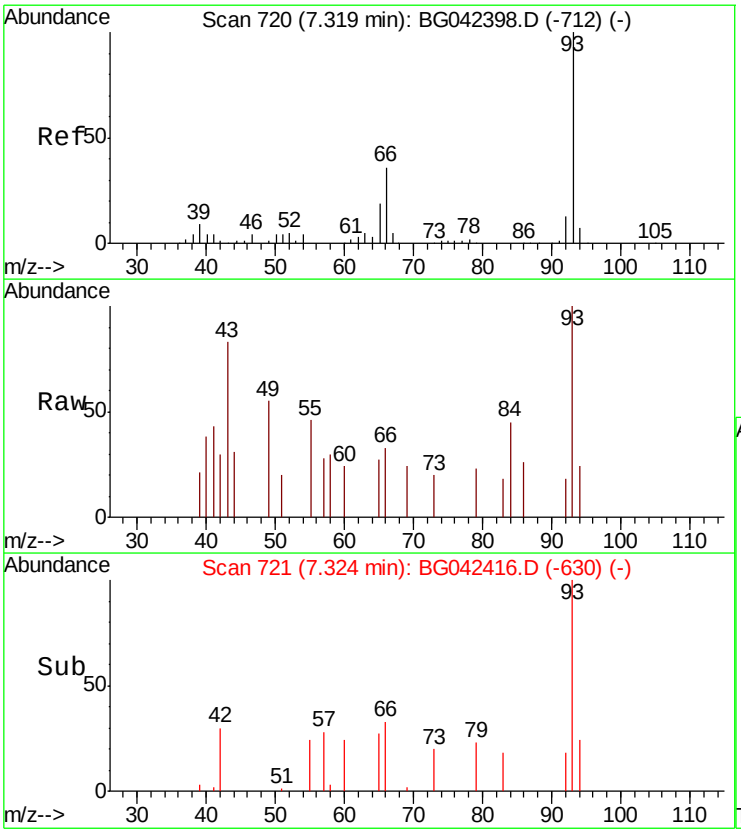
#5
2-Fluorophenol
Concen: 14.055 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 69036

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.8	64.2
63	25.5	22.7	34.1

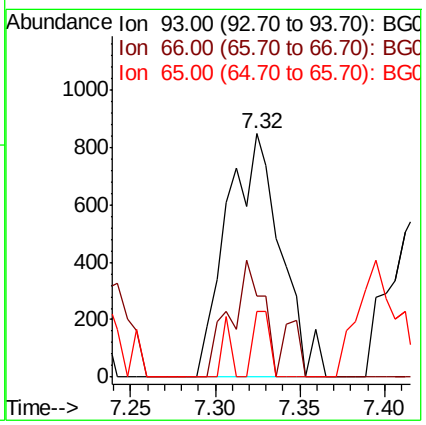


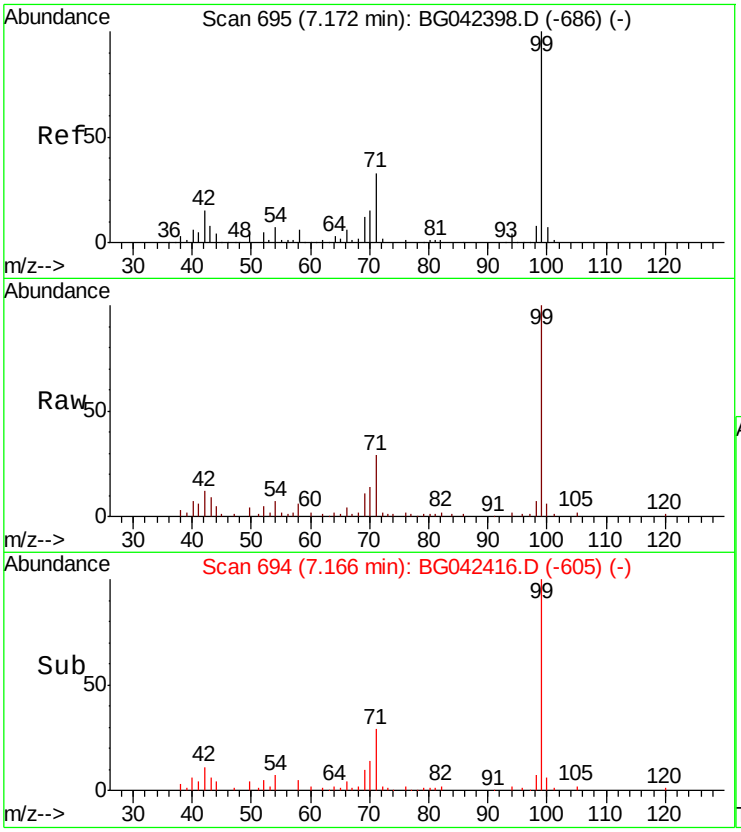


#6
Aniline
Concen: 0.213 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 93 Resp: 1883

Ion	Ratio	Lower	Upper
93	100		
66	33.2	29.0	43.6
65	26.9	15.2	22.8#



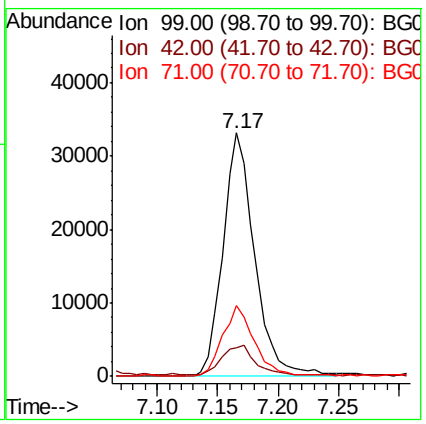


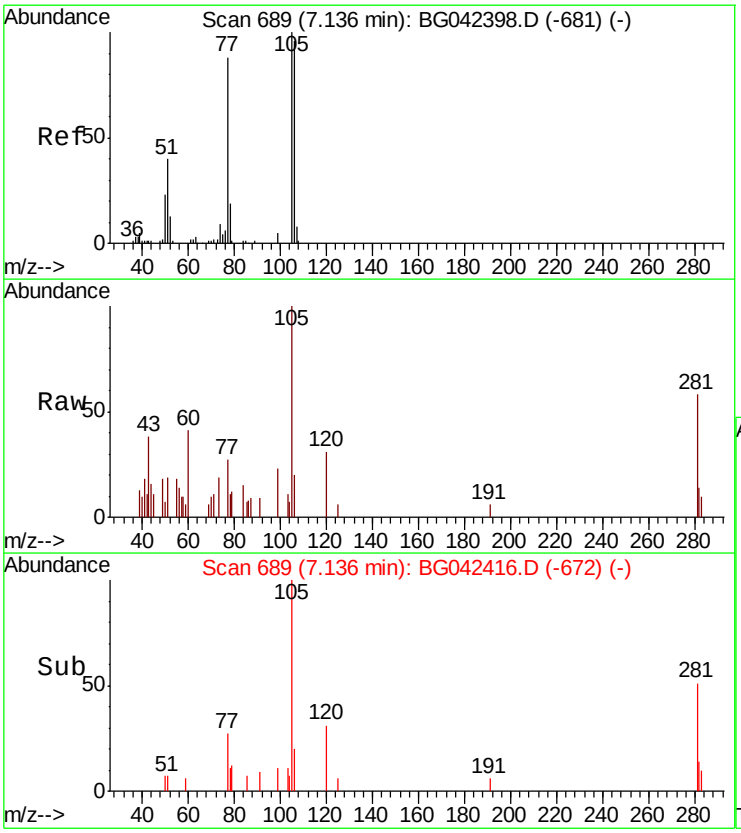
#7
Phenol-d6
Concen: 9.094 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 60334

Ion	Ratio	Lower	Upper
99	100		
42	11.7	12.0	18.0#
71	29.1	26.3	39.5

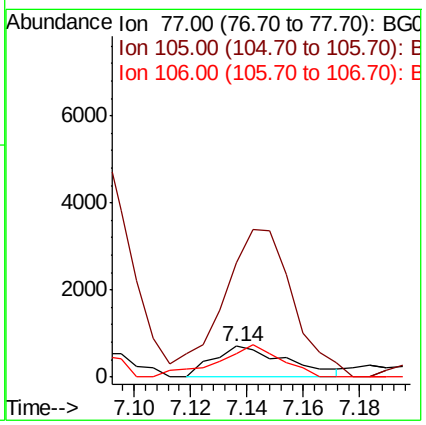


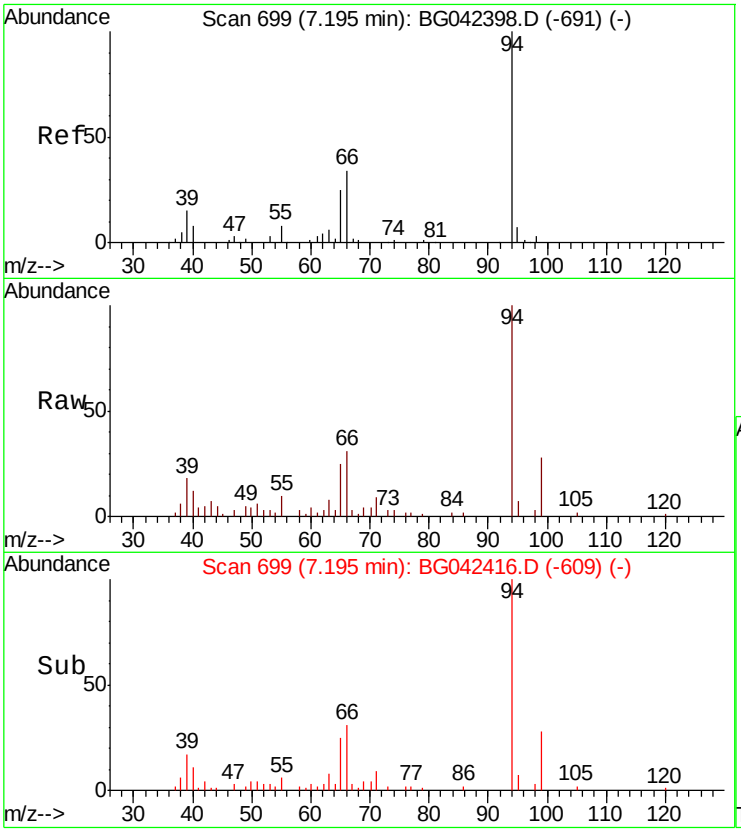


#9
Benzaldehyde
Concen: 0.390 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 77 Resp: 1295

Ion	Ratio	Lower	Upper
77	100		
105	372.7	93.4	133.4#
106	76.3	88.4	128.4#



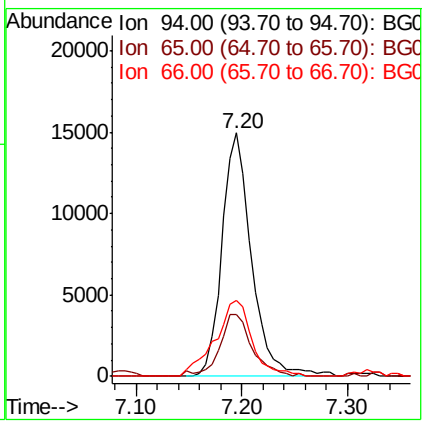


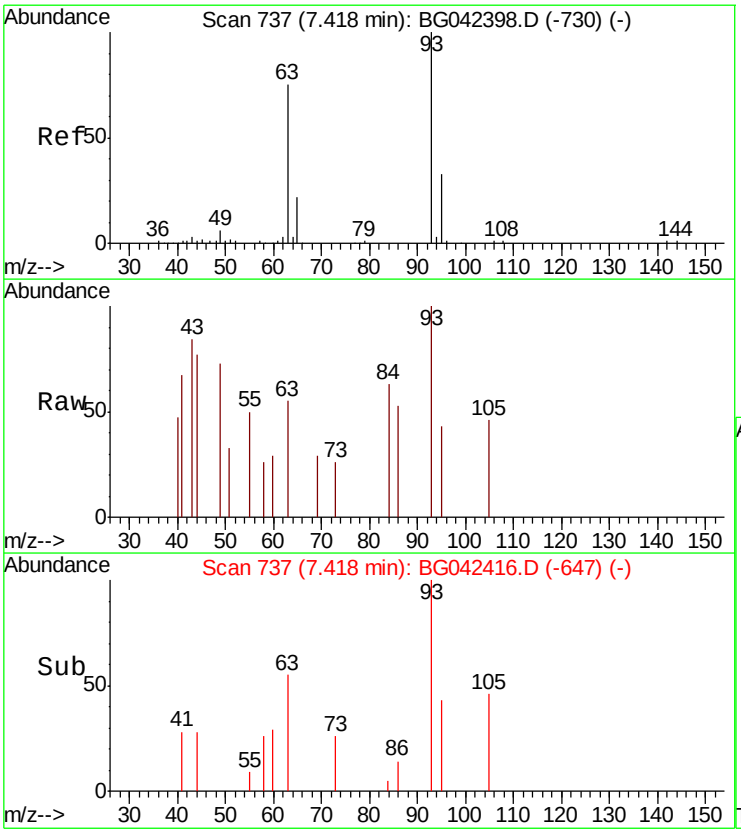
#10
Phenol
Concen: 4.282 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 28886

Ion	Ratio	Lower	Upper
94	100		
65	25.4	5.6	45.6
66	31.4	16.0	56.0

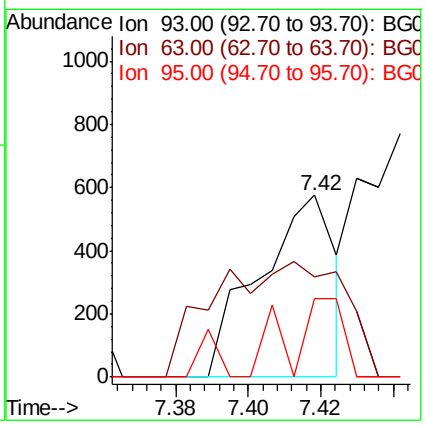


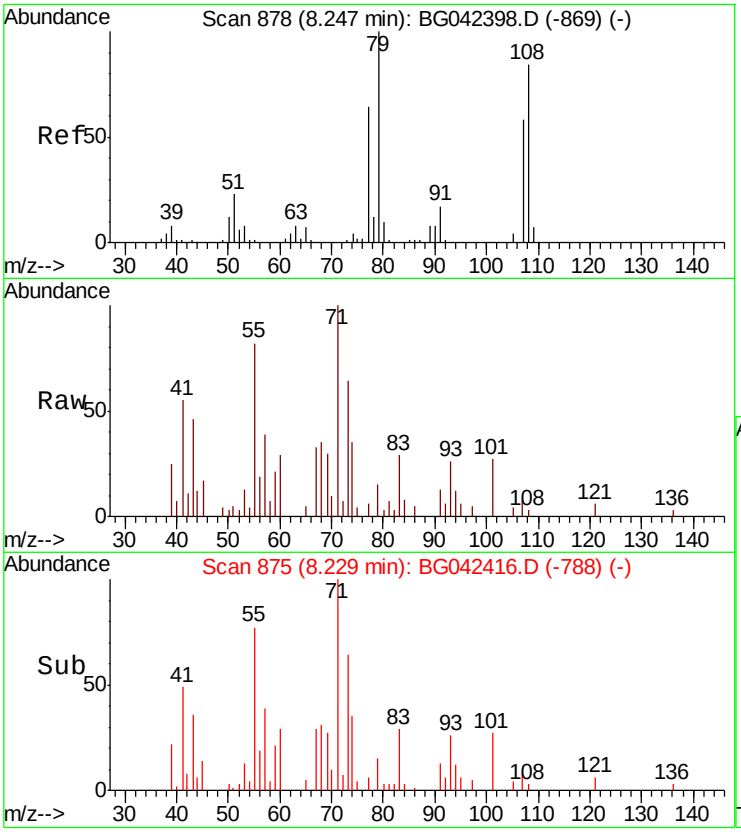


#11
bis(2-Chloroethyl)ether
Concen: 0.158 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 93 Resp: 837

Ion	Ratio	Lower	Upper
93	100		
63	55.0	53.8	93.8
95	43.5	13.1	53.1



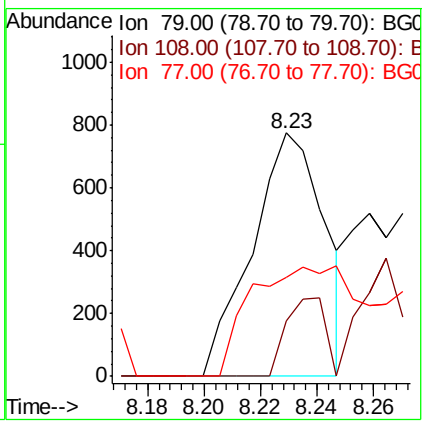


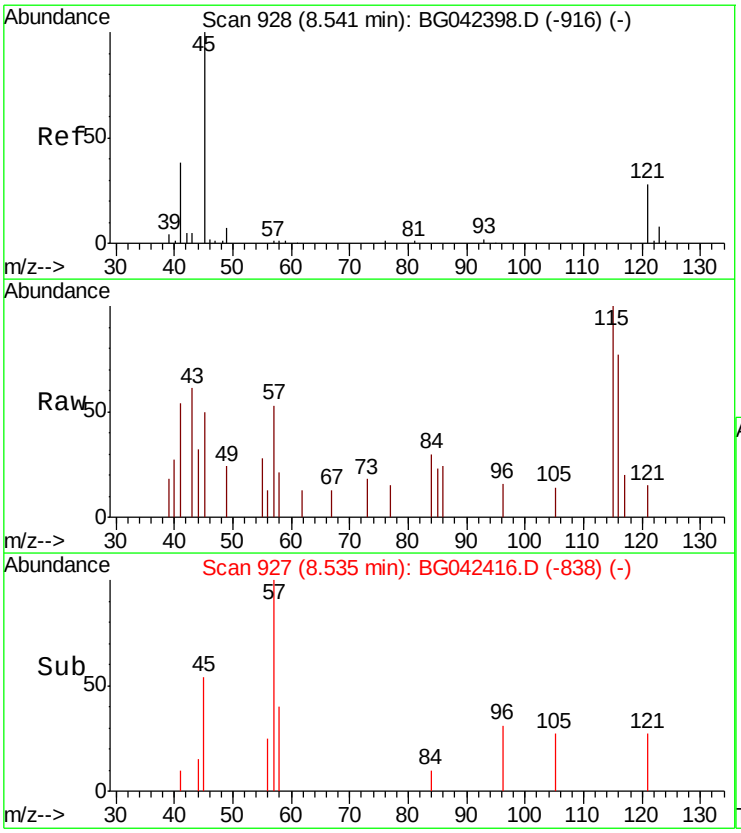
#15
Benzyl Alcohol
Concen: 0.288 ng
RT: 8.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 1376

Ion	Ratio	Lower	Upper
79	100		
108	23.0	67.4	101.2#
77	40.8	50.8	76.2#

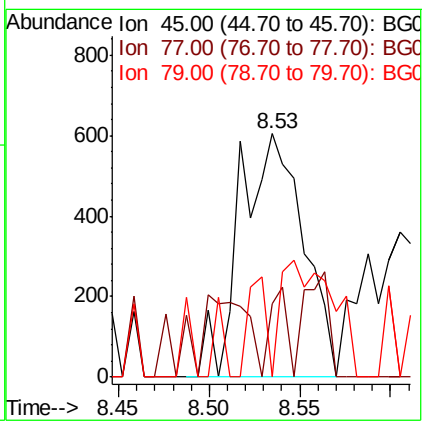


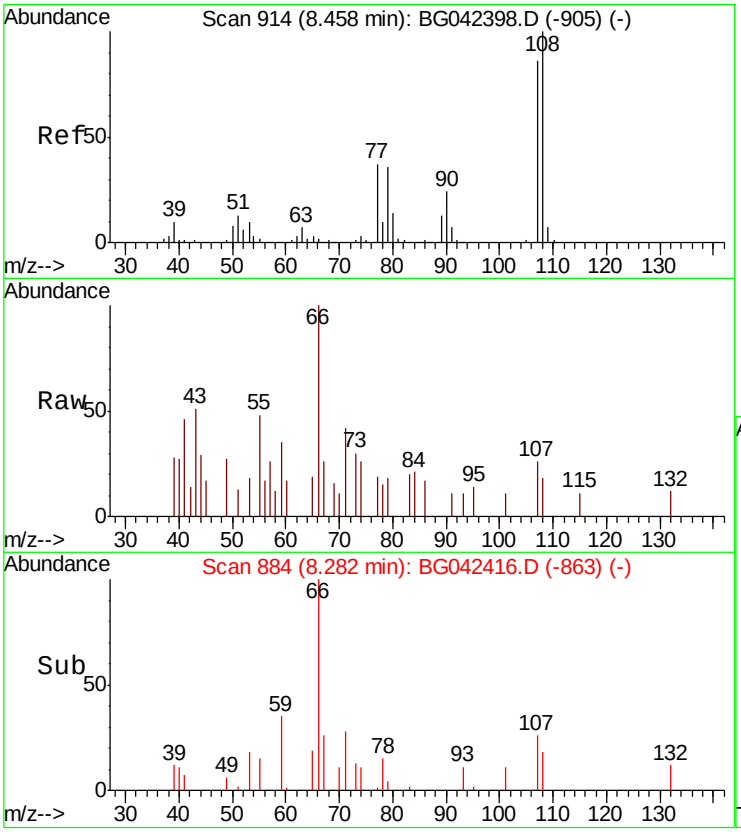


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.206 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 45 Resp: 1477

Ion	Ratio	Lower	Upper
45	100		
77	30.4	0.0	35.6
79	0.0	0.0	31.6



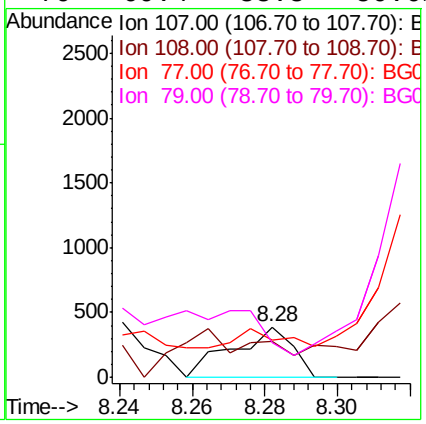


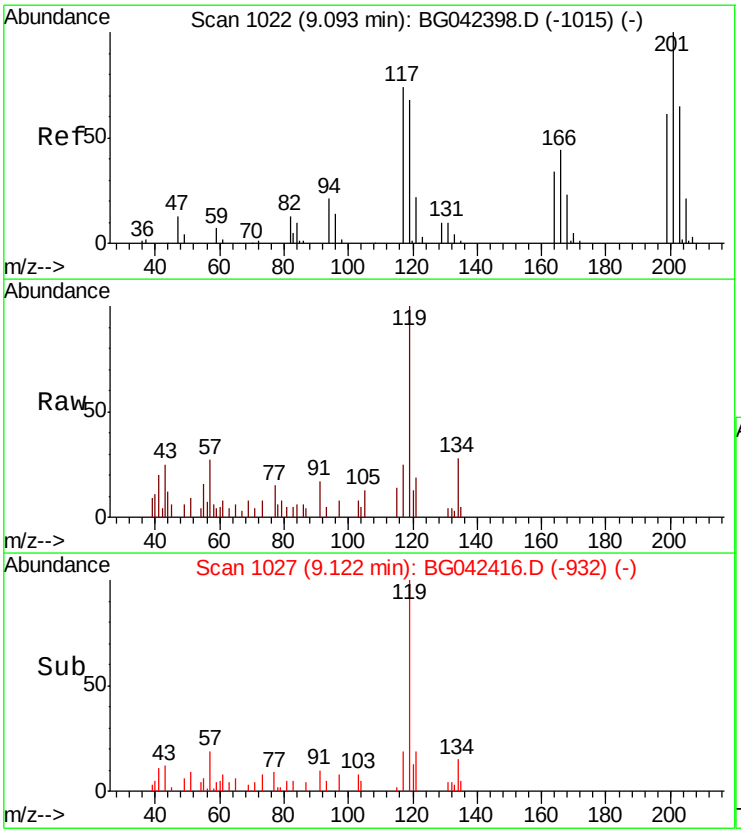
#17
2-Methylphenol
Concen: 0.089 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.18 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 442

Ion	Ratio	Lower	Upper
107	100		
108	71.0	92.9	139.3#
77	74.6	34.4	51.6#
79	69.4	33.8	50.6#

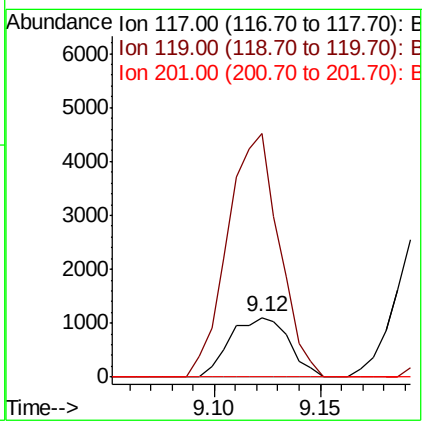


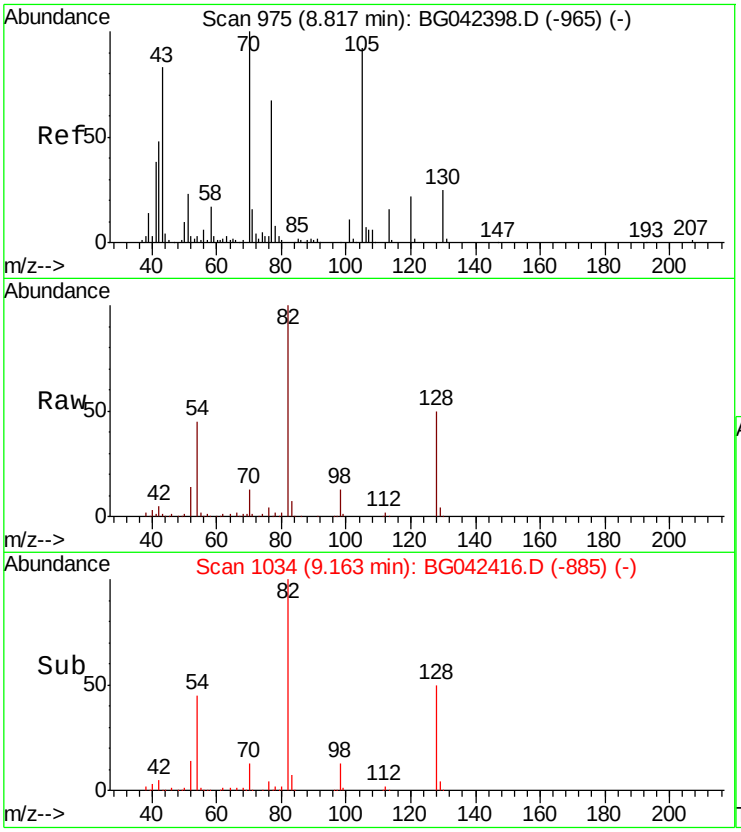


#18
Hexachloroethane
Concen: 0.809 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.03 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:117 Resp: 2124

Ion	Ratio	Lower	Upper
117	100		
119	407.5	73.8	110.8#
201	0.0	108.3	162.5#



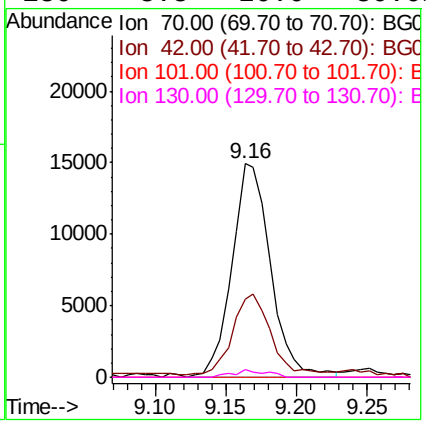


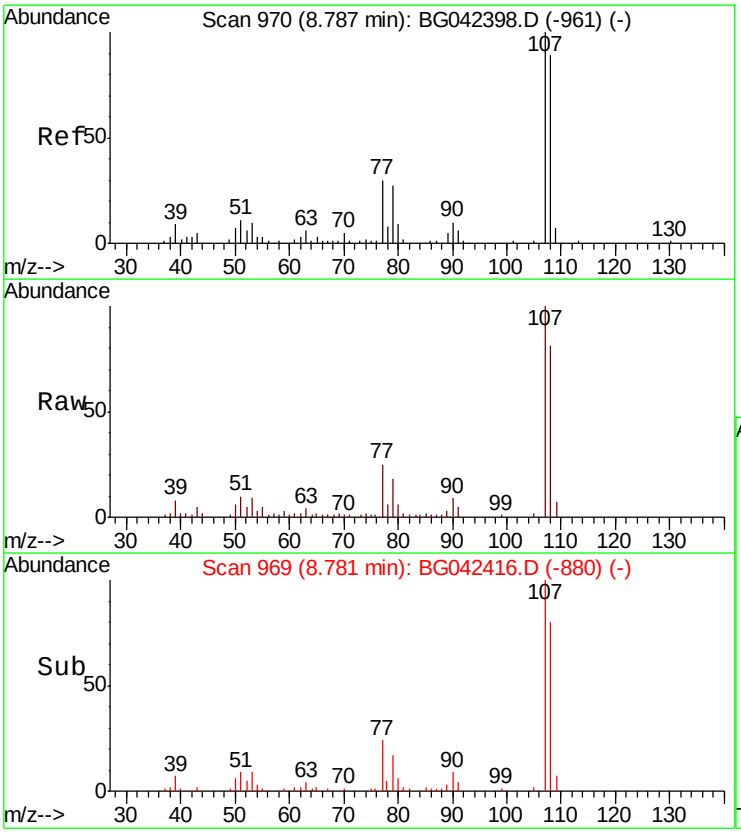
#19
n-Nitroso-di-n-propylamine
Concen: 6.650 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 28584

Ion	Ratio	Lower	Upper
70	100		
42	36.5	38.8	58.2#
101	0.0	9.0	13.6#
130	3.8	20.0	30.0#

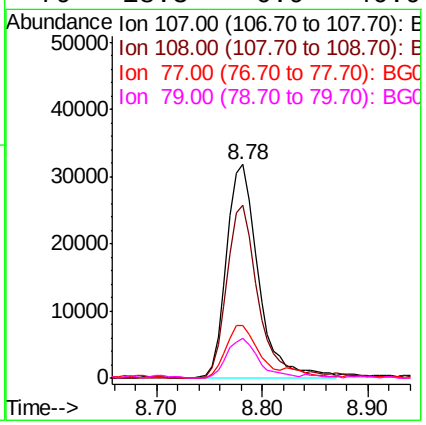


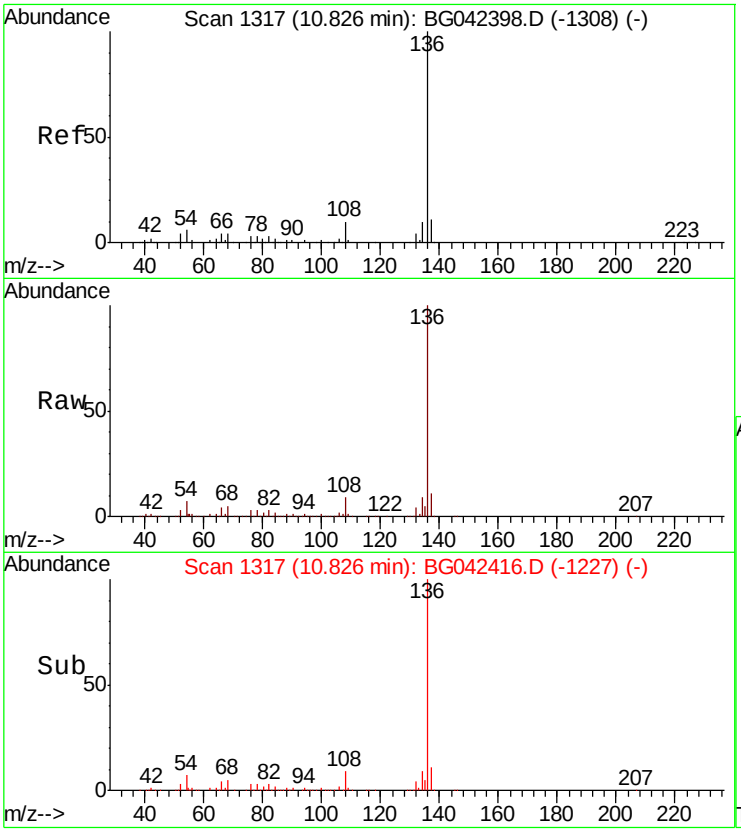


#20
3+4-Methylphenols
Concen: 9.660 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:107 Resp: 66417

Ion	Ratio	Lower	Upper
107	100		
108	80.9	68.7	108.7
77	24.5	10.2	50.2
79	18.3	6.9	46.9



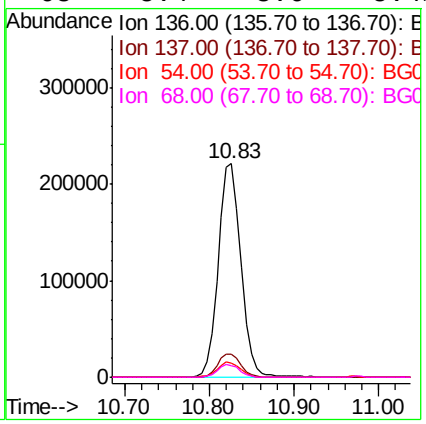


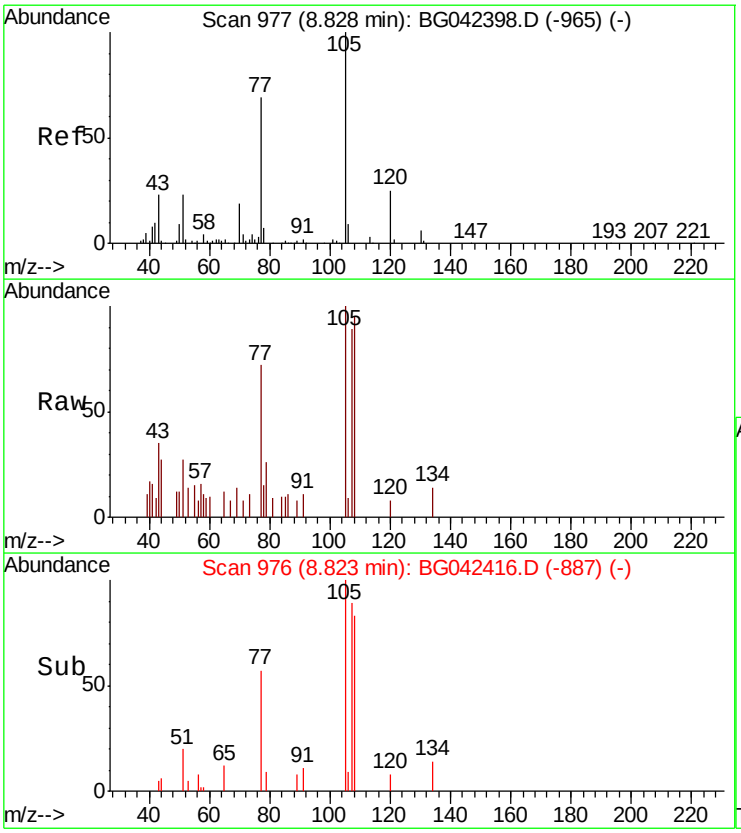
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 411380

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	4.9	7.3
68	5.4	3.6	5.4#

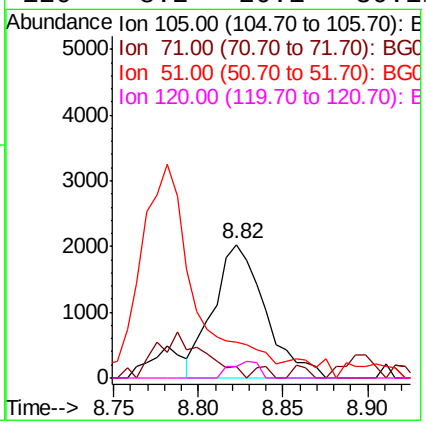


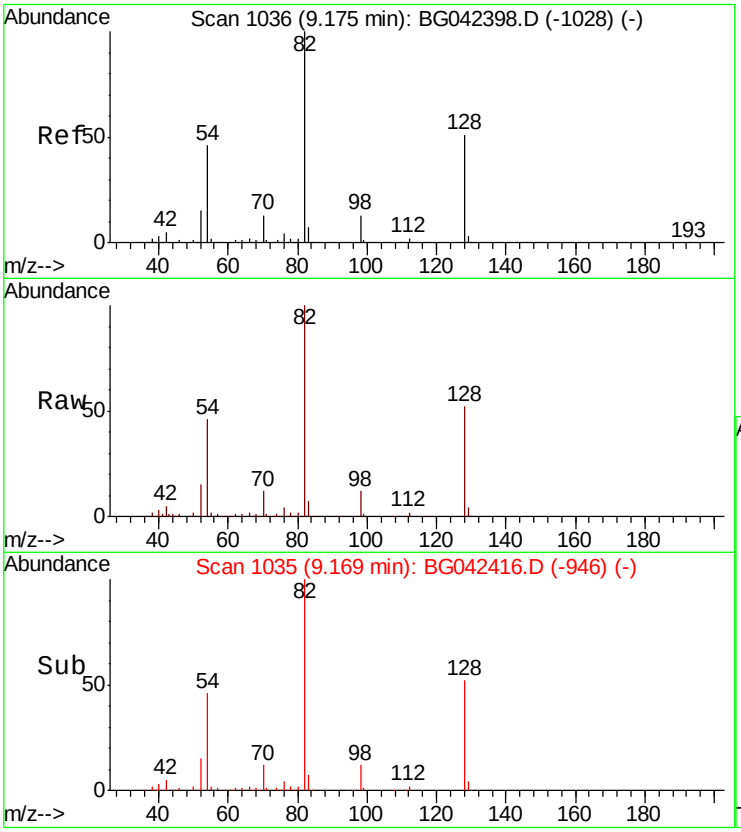


#22
Acetophenone
Concen: 0.492 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:105 Resp: 4326

Ion	Ratio	Lower	Upper
105	100		
71	8.4	2.8	4.2#
51	27.2	18.7	28.1
120	8.2	20.1	30.1#



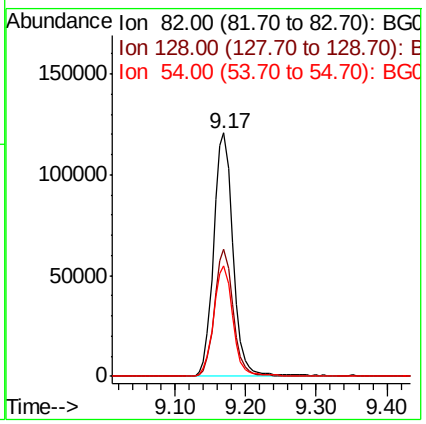


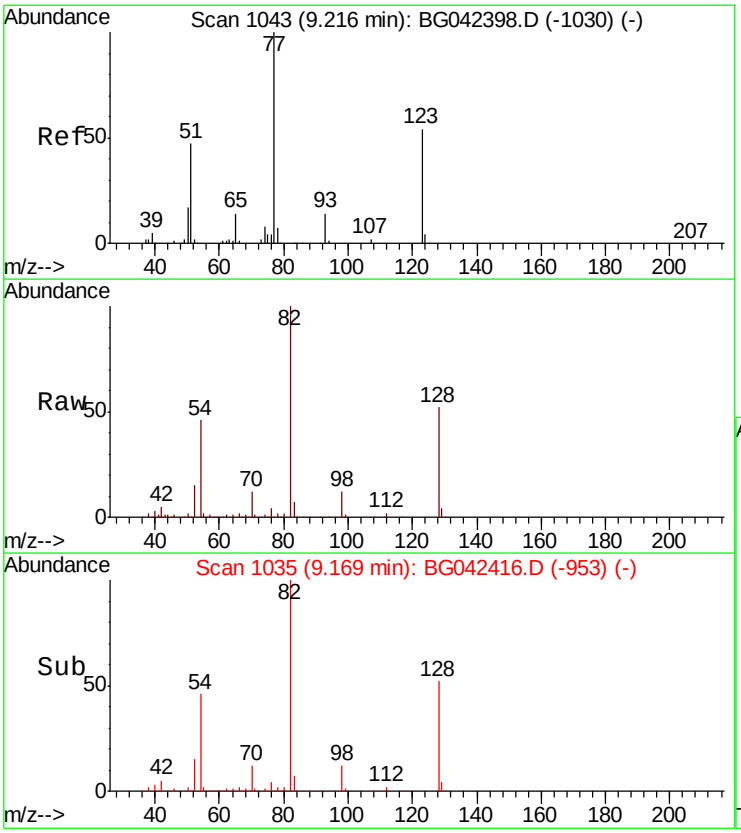
#23
Nitrobenzene-d5
Concen: 38.938 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 231800

Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.7	61.1
54	45.6	36.3	54.5

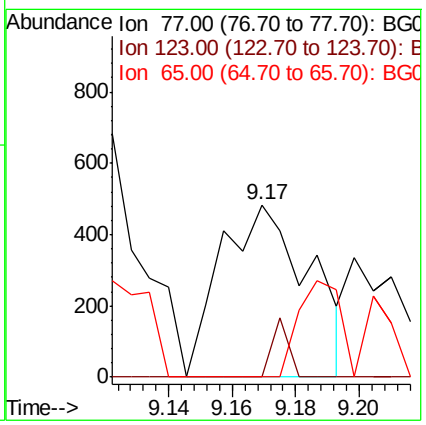


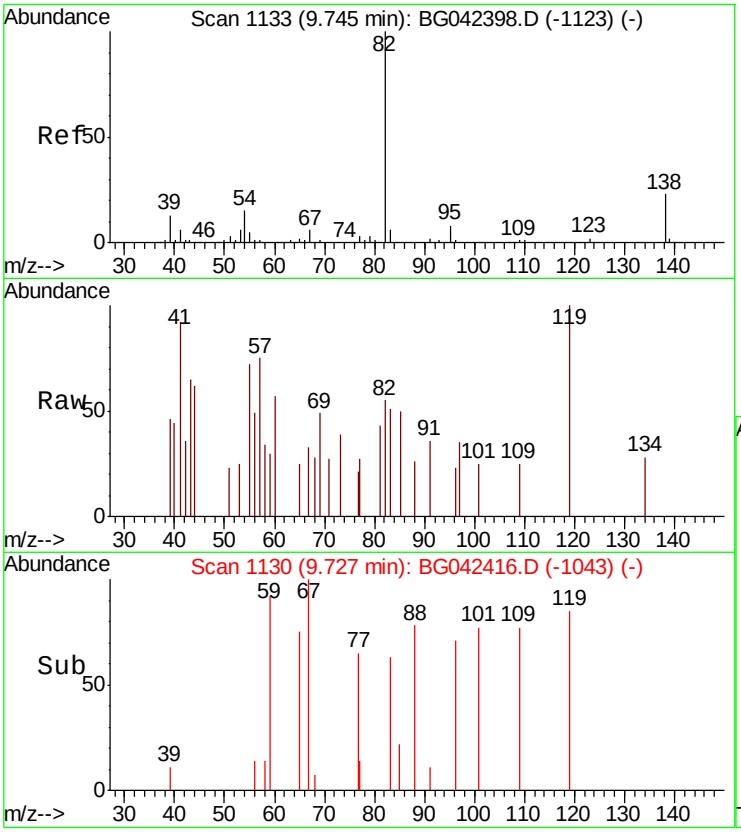


#24
Nitrobenzene
Concen: 0.155 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 77 Resp: 937

Ion	Ratio	Lower	Upper
77	100		
123	0.0	43.4	65.0#
65	0.0	11.0	16.6#



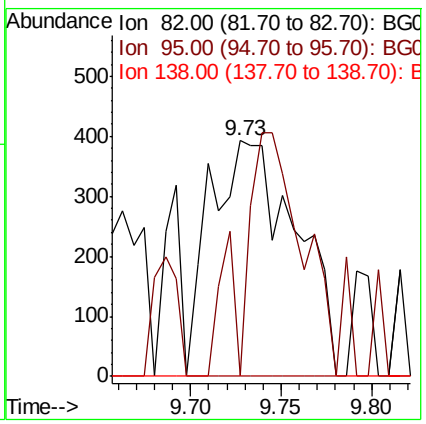


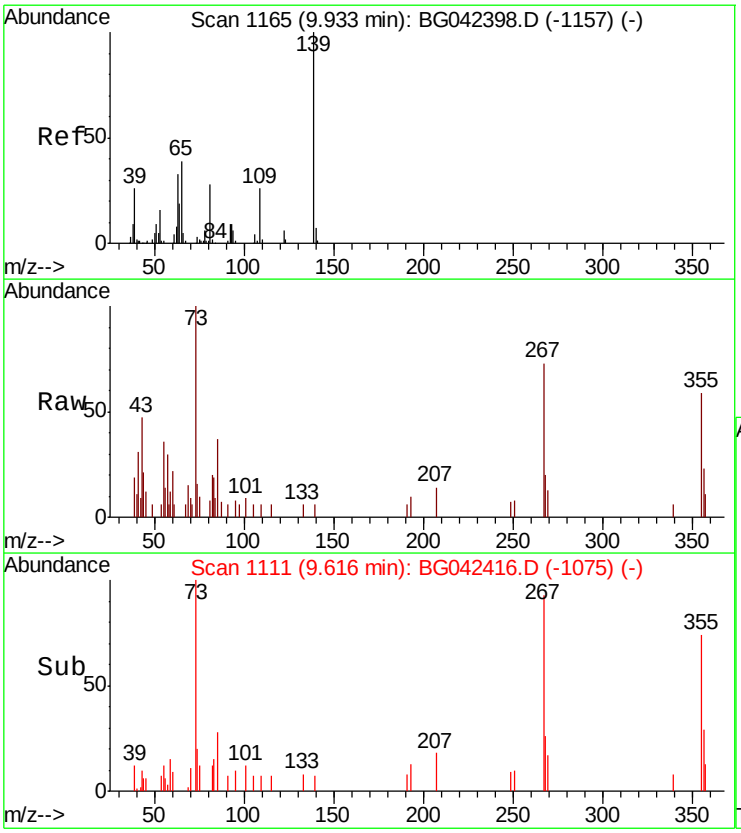
#25
Isophorone
Concen: 0.111 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 1299

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	18.6	27.8#

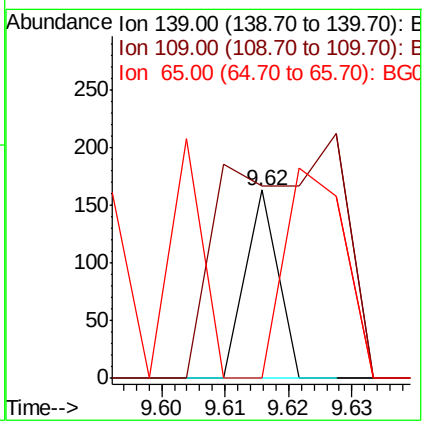


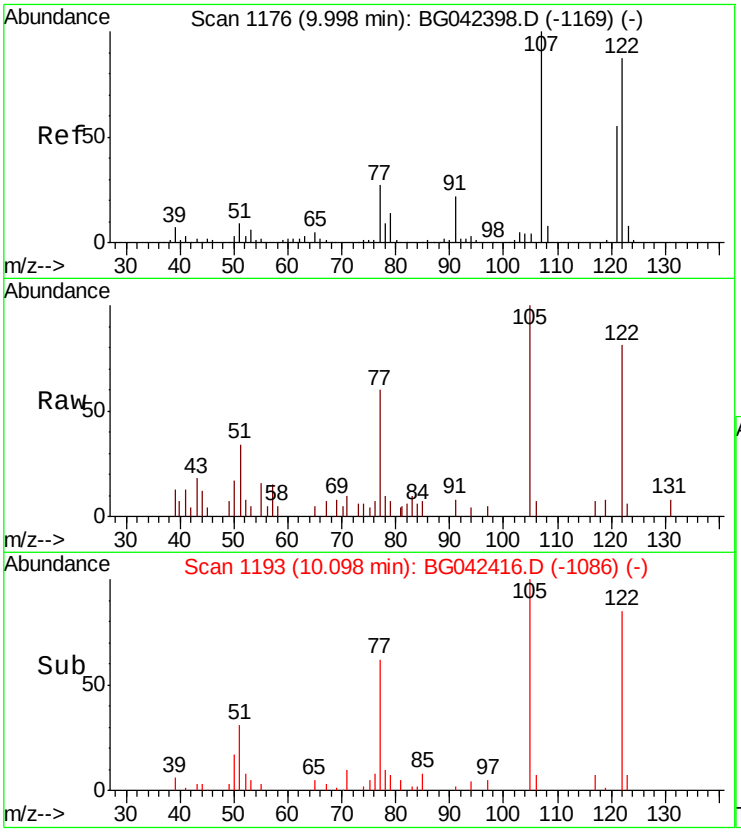


#26
2-Nitrophenol
Concen: 0.015 ng
RT: 9.62 min Scan# 1111
Delta R.T. -0.32 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:139 Resp: 57

Ion	Ratio	Lower	Upper
139	100		
109	102.5	20.5	30.7#
65	0.0	30.9	46.3#



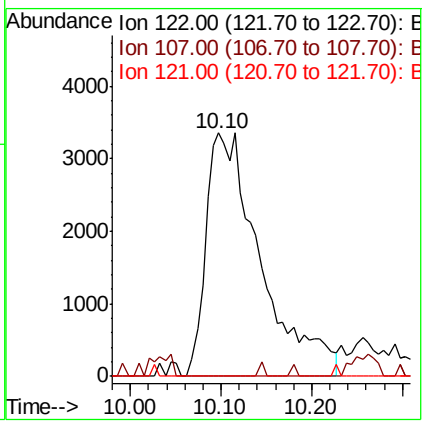


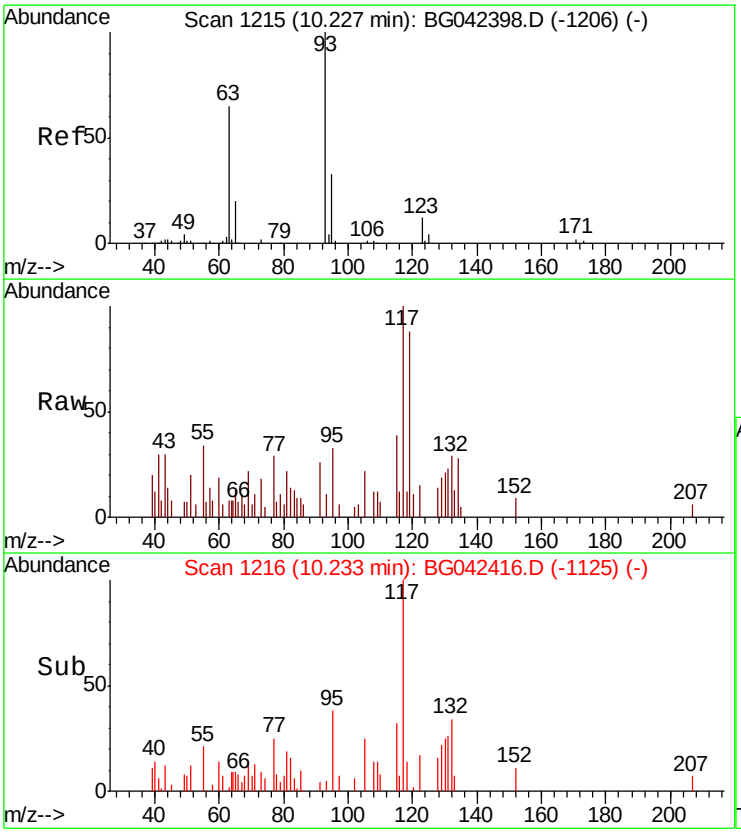
#27
2,4-Dimethylphenol
Concen: 2.689 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.10 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 13991

Ion	Ratio	Lower	Upper
122	100		
107	0.0	90.8	136.2#
121	0.0	49.6	74.4#

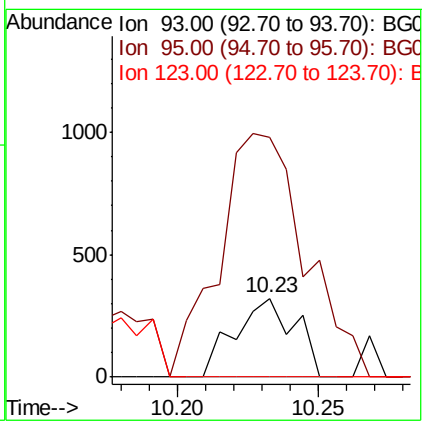


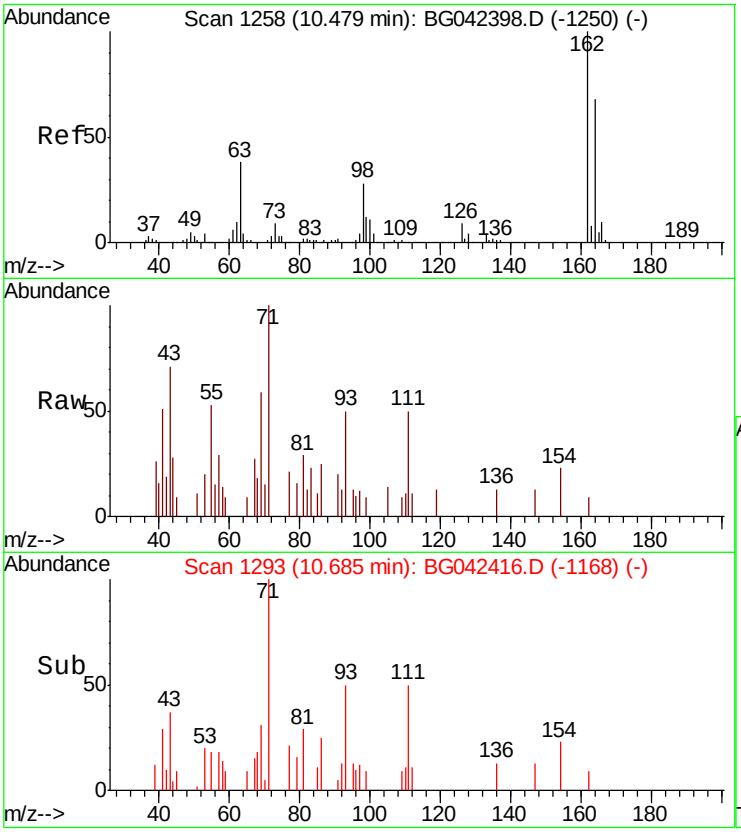


#28
bis(2-Chloroethoxy)methane
Concen: 0.065 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 93 Resp: 479

Ion	Ratio	Lower	Upper
93	100		
95	303.4	26.6	40.0#
123	0.0	10.1	15.1#



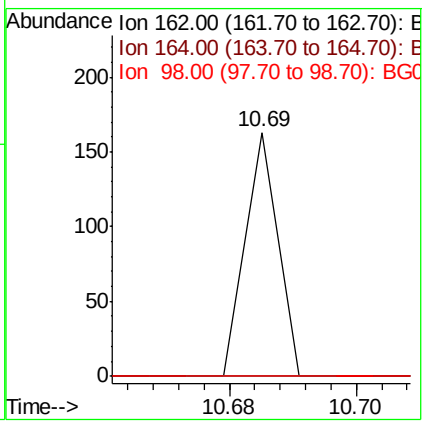


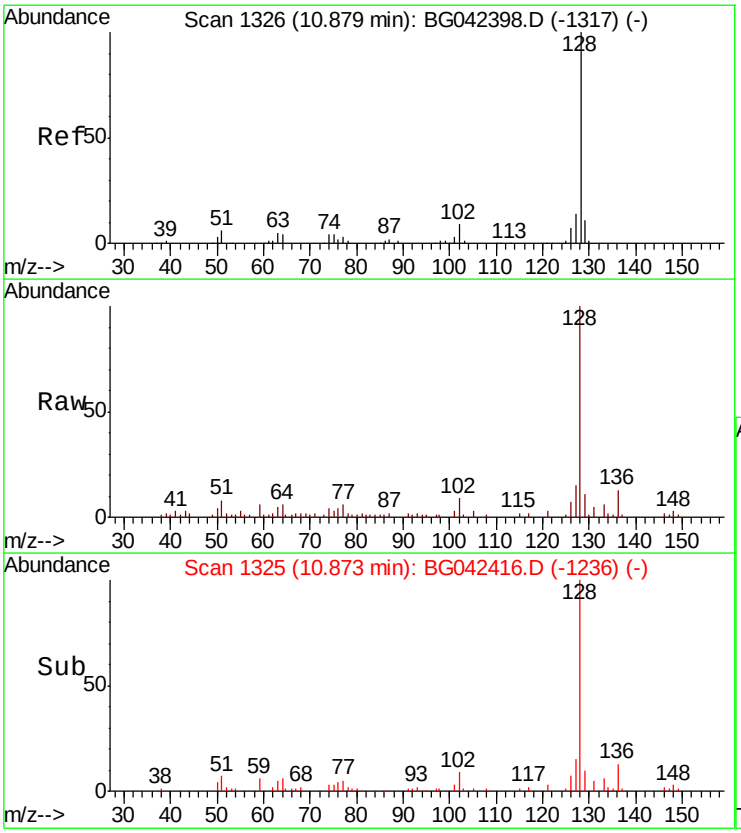
#29
2,4-Dichlorophenol
Concen: 0.008 ng
RT: 10.69 min Scan# 1293
Delta R.T. 0.21 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 57

Ion	Ratio	Lower	Upper
162	100		
164	0.0	48.1	88.1#
98	0.0	7.6	47.6#

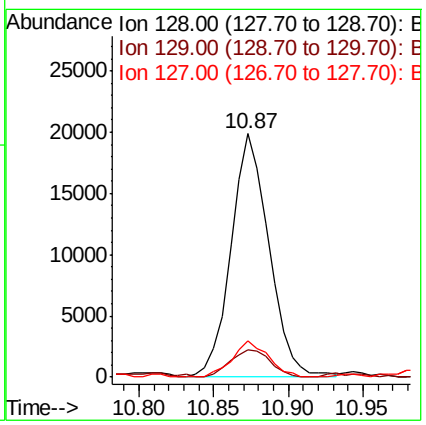


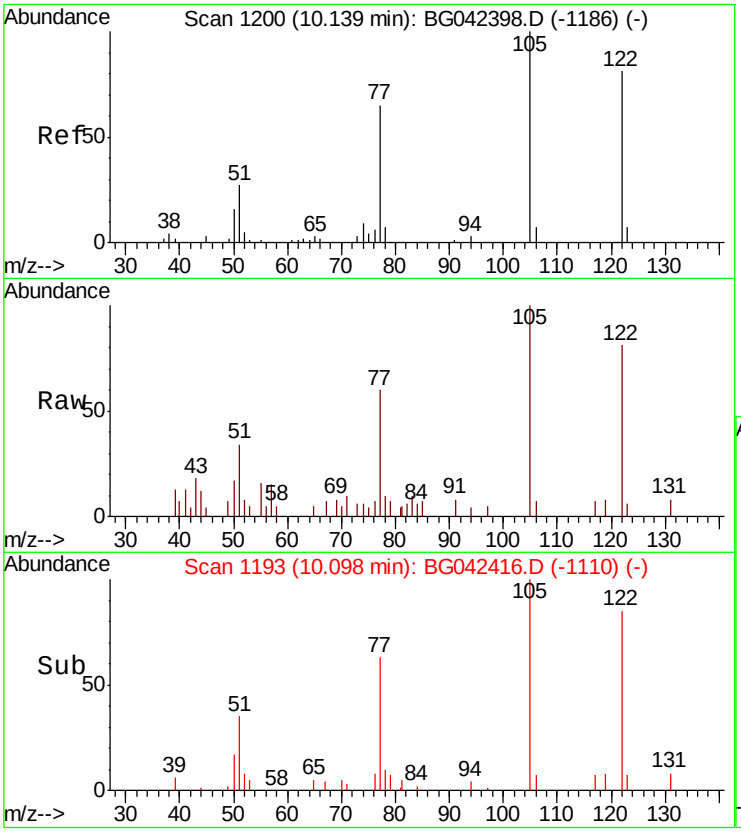


#31
Naphthalene
Concen: 1.844 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:128 Resp: 35216

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.9	11.4	17.0



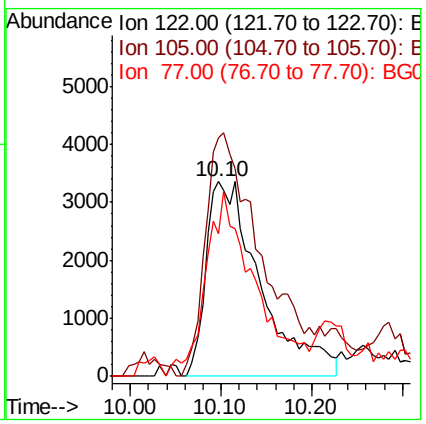


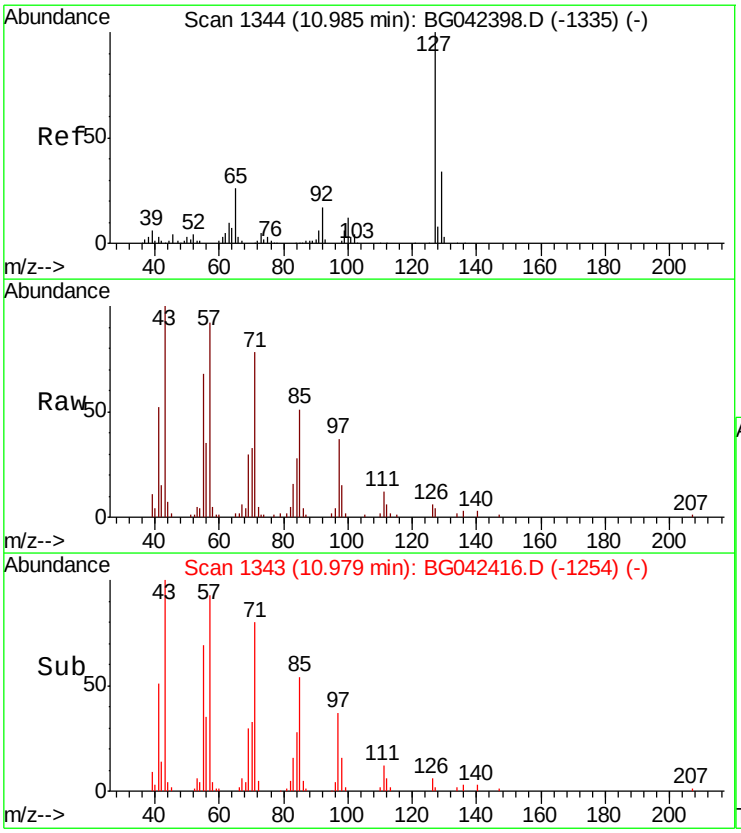
#32
Benzoic acid
Concen: 11.243 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.04 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 13991

Ion	Ratio	Lower	Upper
122	100		
105	122.9	99.6	139.6
77	73.5	59.5	99.5

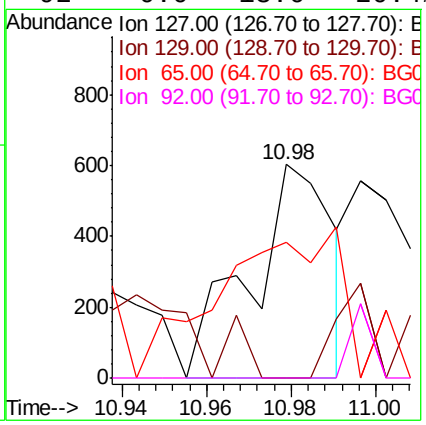


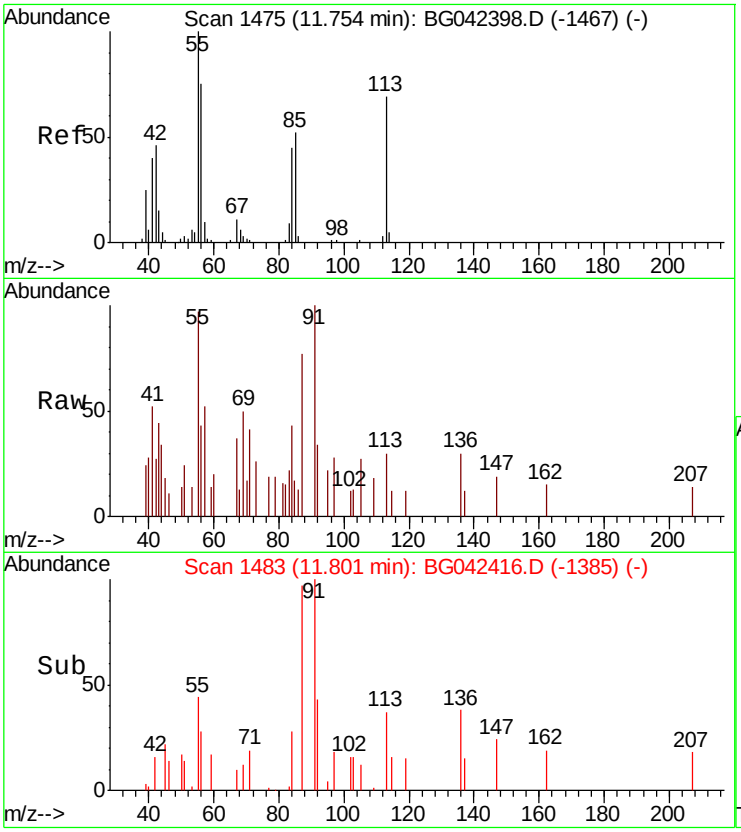


#33
4-Chloroaniline
Concen: 0.093 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:127 Resp: 820

Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.8	40.2#
65	63.3	20.7	31.1#
92	0.0	13.6	20.4#



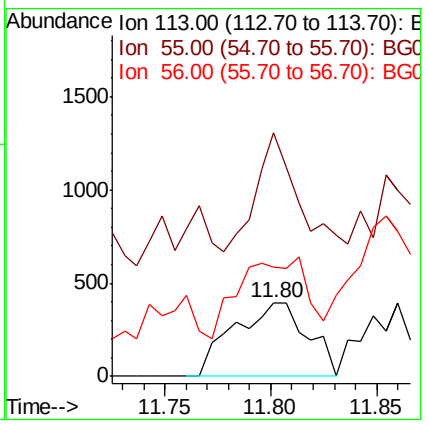


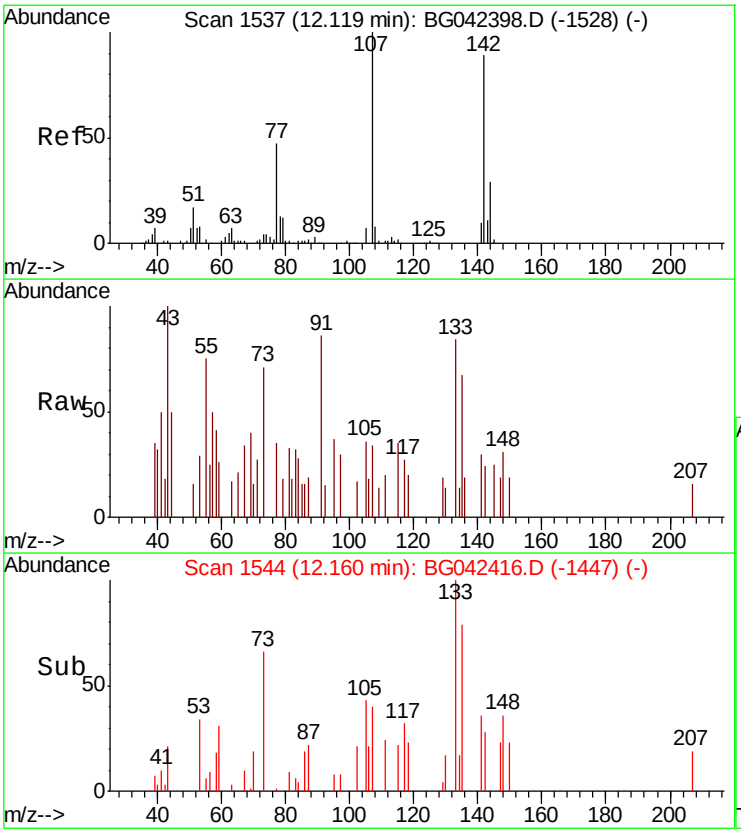
#35
Caprolactam
Concen: 0.421 ng
RT: 11.80 min Scan# 1483
Delta R.T. 0.05 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 956

Ion	Ratio	Lower	Upper
113	100		
55	329.0	124.6	164.6#
56	146.9	88.3	128.3#

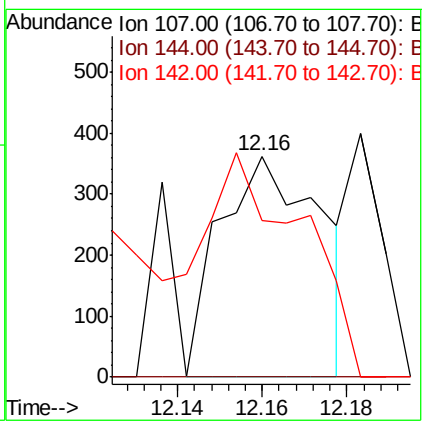


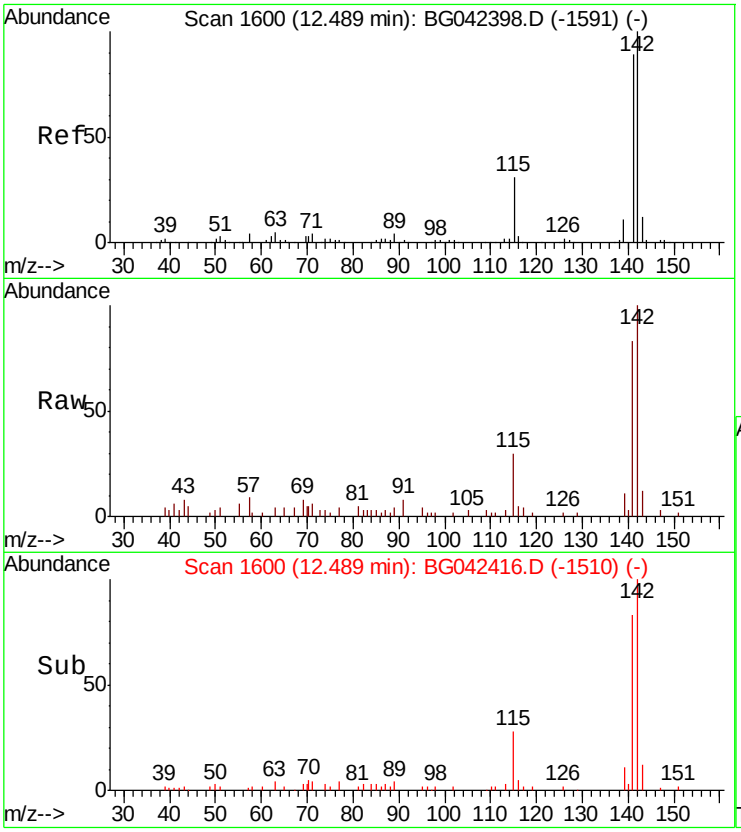


#36
4-Chloro-3-methylphenol
Concen: 0.093 ng
RT: 12.16 min Scan# 1544
Delta R.T. 0.04 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:107 Resp: 604

Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.6	35.4#
142	70.7	71.0	106.4#



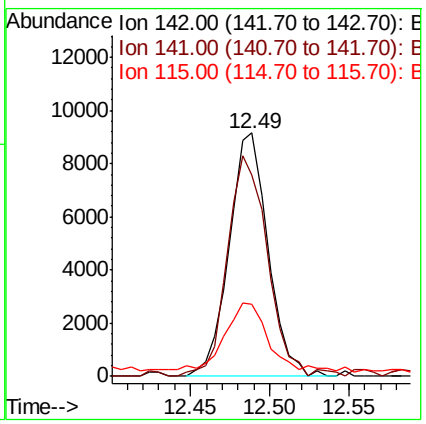


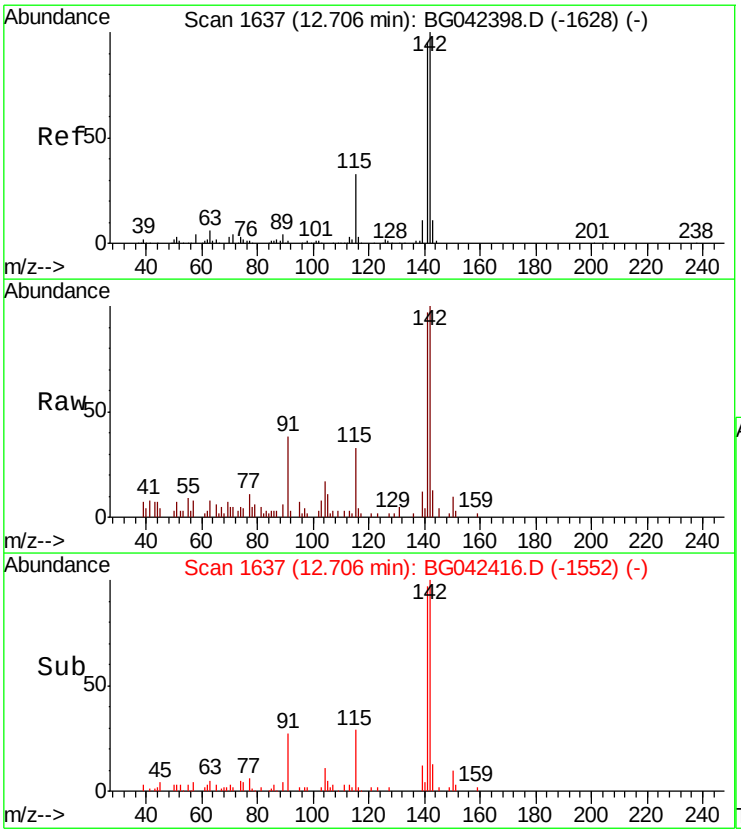
#37
2-Methylnaphthalene
Concen: 1.015 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 15564

Ion	Ratio	Lower	Upper
142	100		
141	83.0	71.4	107.2
115	29.6	25.2	37.8

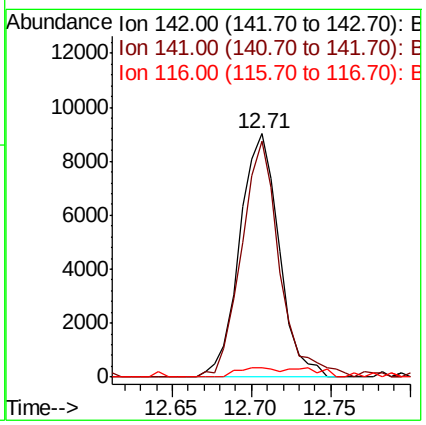


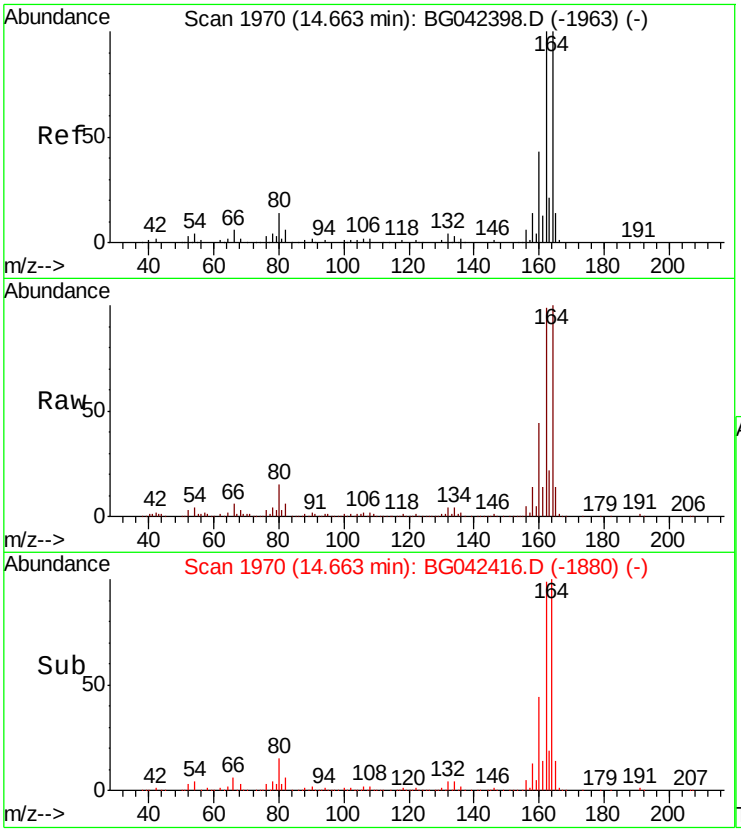


#38
1-Methylnaphthalene
Concen: 1.069 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:142 Resp: 15569

Ion	Ratio	Lower	Upper
142	100		
141	97.1	76.2	114.2
116	4.0	2.8	4.2



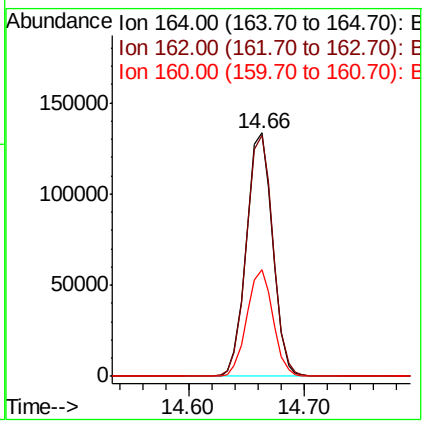


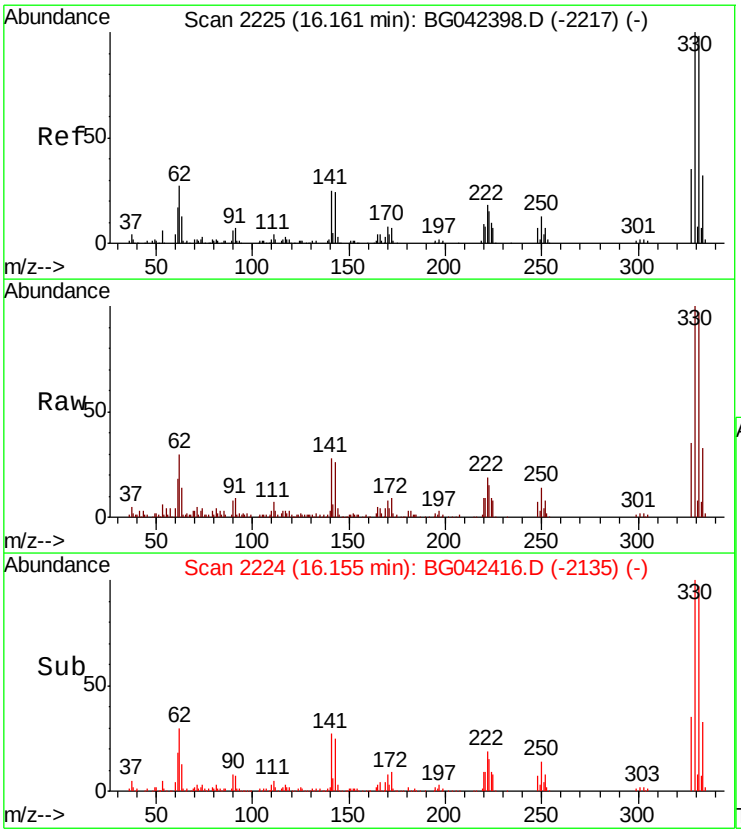
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 211915

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.9	119.9
160	43.6	34.3	51.5

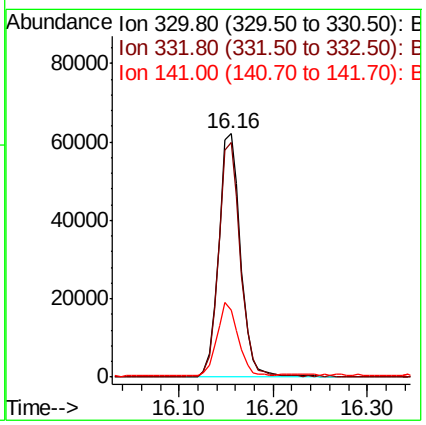


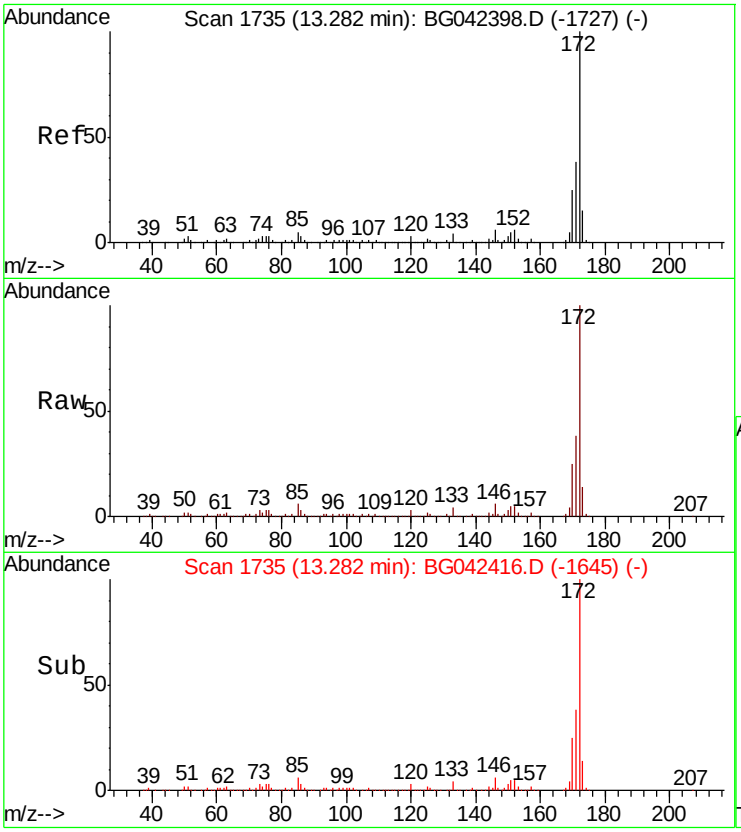


#42
2,4,6-Tribromophenol
Concen: 33.335 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:330 Resp: 100406

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	29.1	21.4	32.0



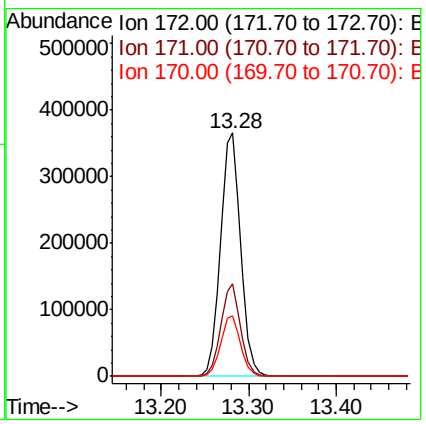


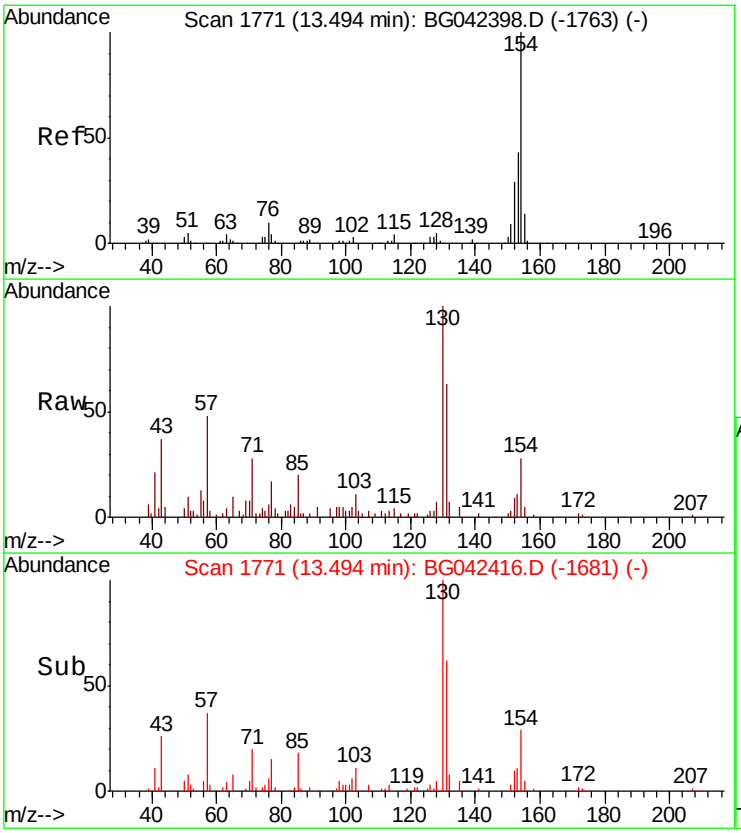
#45
2-Fluorobiphenyl
Concen: 46.444 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 581940

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.5	45.7
170	24.7	20.2	30.2

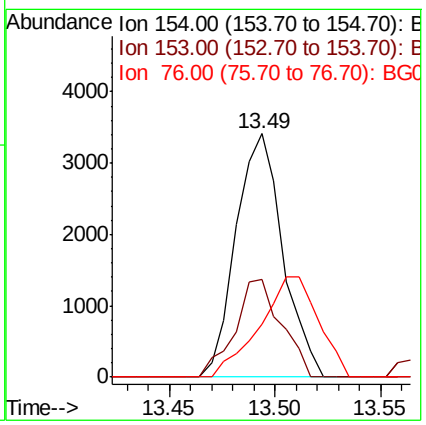


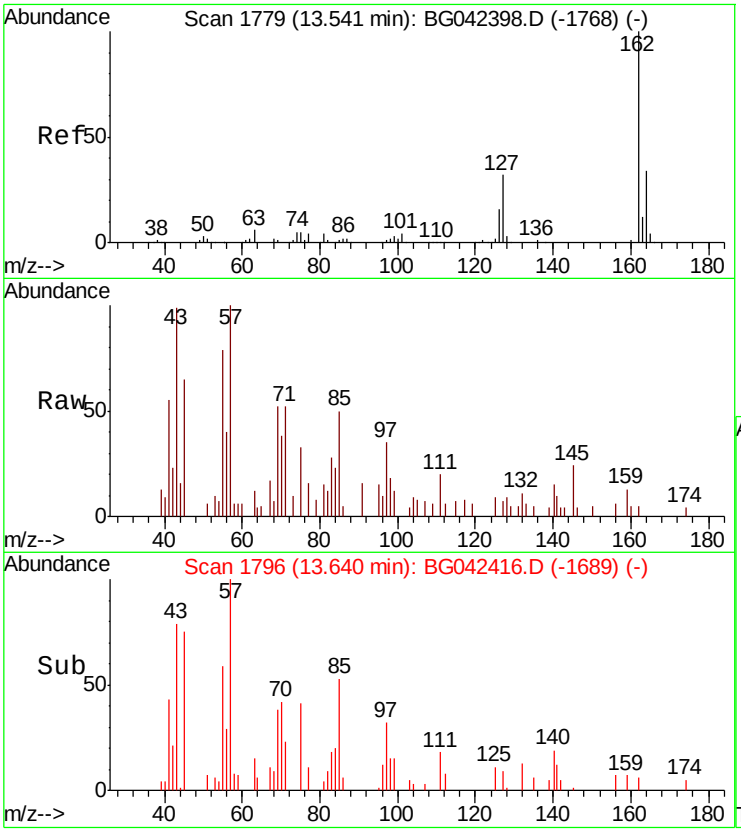


#46
1,1'-Biphenyl
Concen: 0.382 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:154 Resp: 5226

Ion	Ratio	Lower	Upper
154	100		
153	40.1	23.0	63.0
76	21.8	0.0	29.6



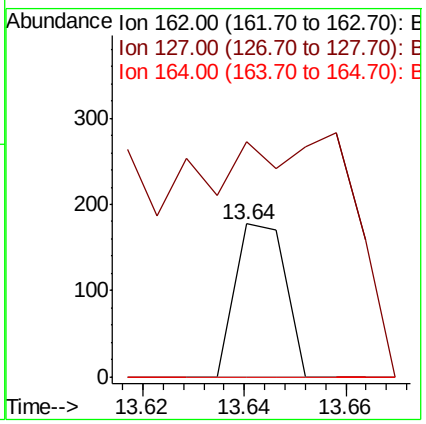


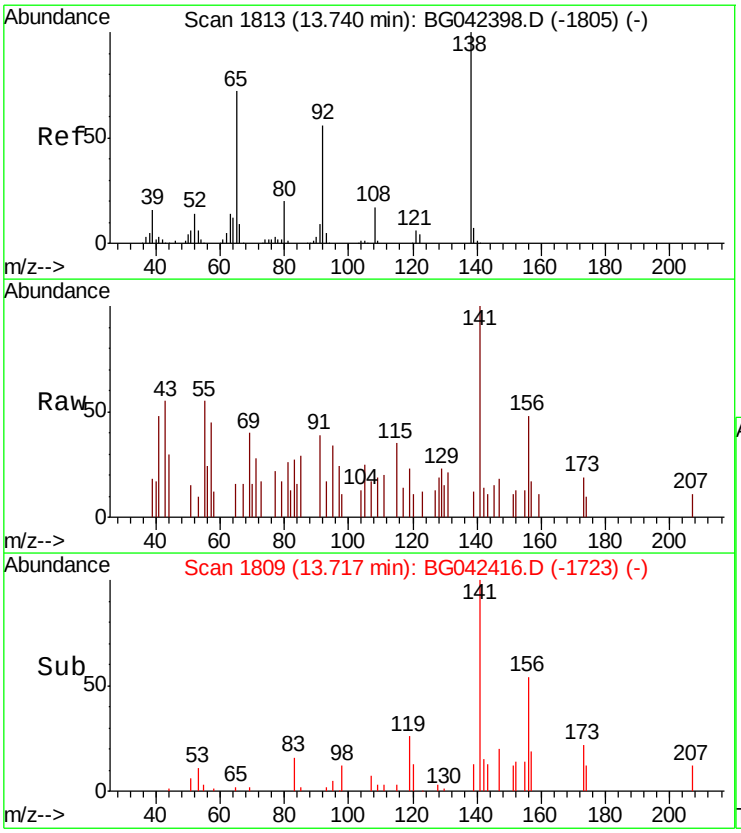
#47
2-Chloronaphthalene
Concen: 0.010 ng
RT: 13.64 min Scan# 1796
Delta R.T. 0.10 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 122

Ion	Ratio	Lower	Upper
162	100		
127	154.2	26.0	39.0#
164	0.0	27.4	41.0#

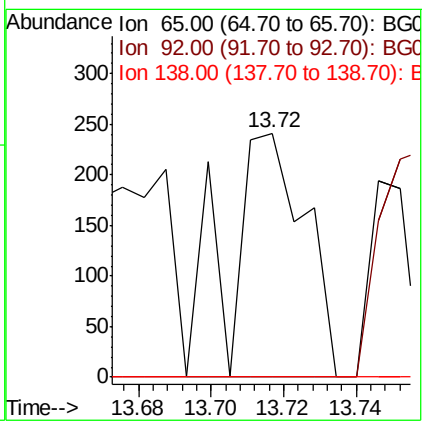


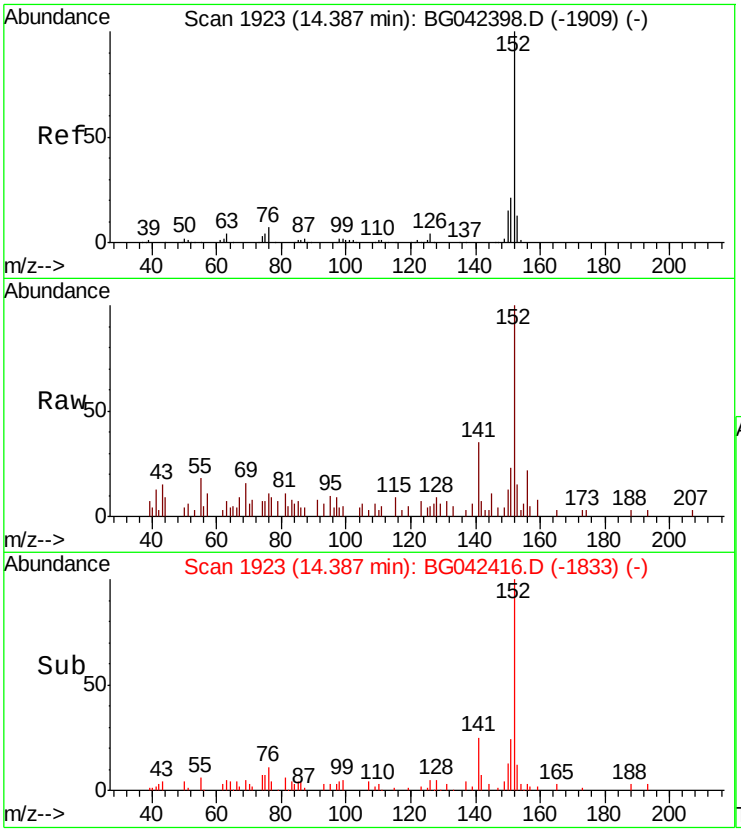


#48
2-Nitroaniline
Concen: 0.125 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 65 Resp: 356

Ion	Ratio	Lower	Upper
65	100		
92	0.0	61.8	92.6#
138	0.0	111.0	166.6#



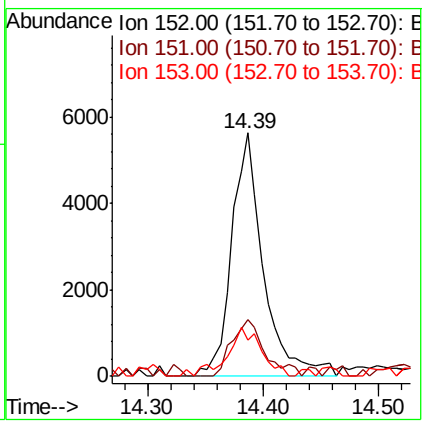


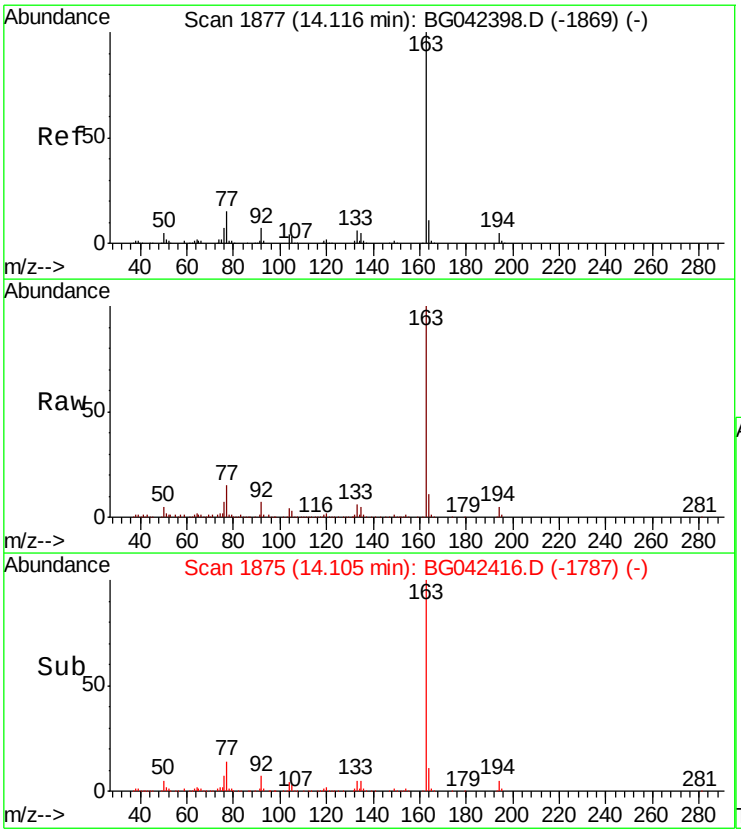
#49
Acenaphthylene
Concen: 0.603 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 10715

Ion	Ratio	Lower	Upper
152	100		
151	23.3	17.0	25.4
153	14.7	10.6	16.0

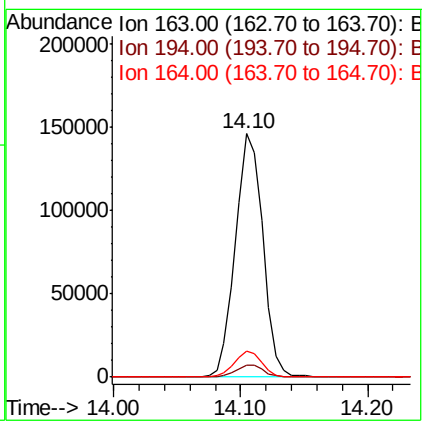


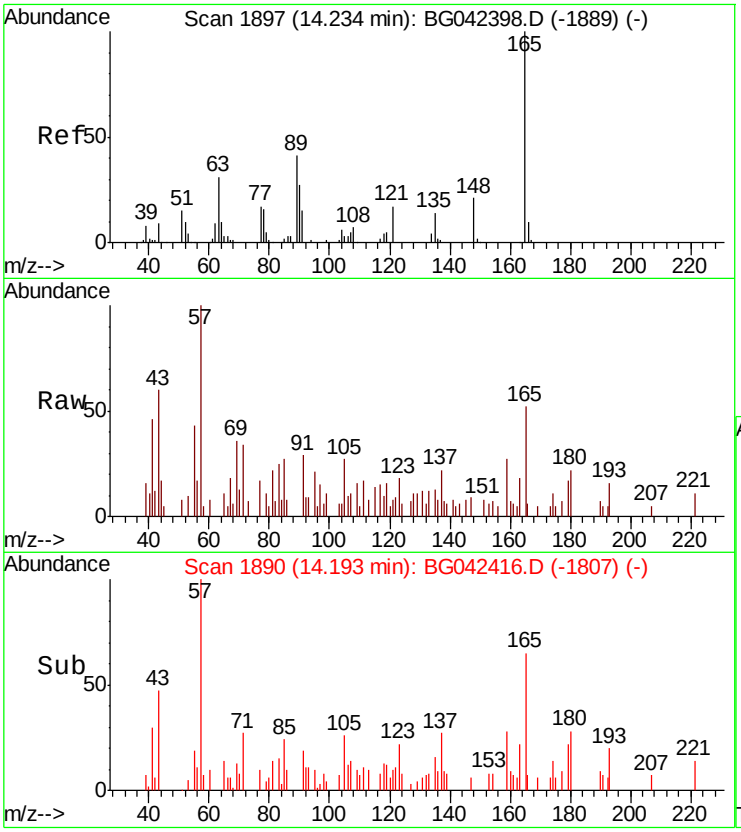


#50
Dimethylphthalate
Concen: 14.339 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:163 Resp: 219253

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.7	8.8	13.2



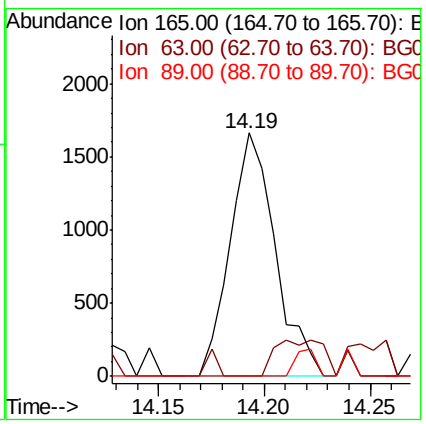


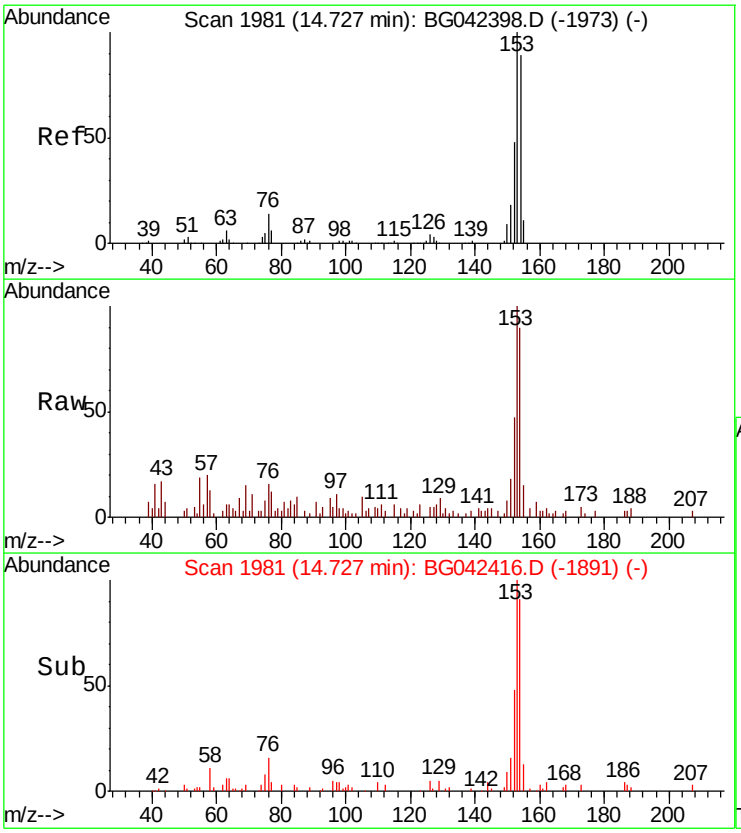
#51
2,6-Dinitrotoluene
Concen: 0.696 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.04 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 2467

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#

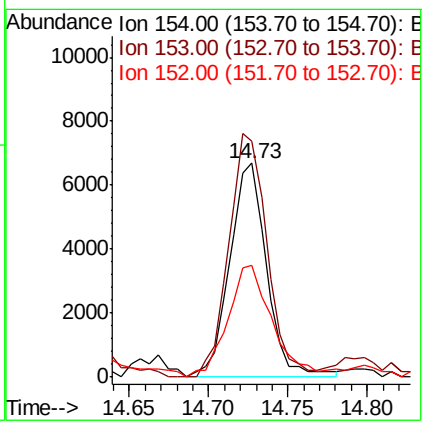


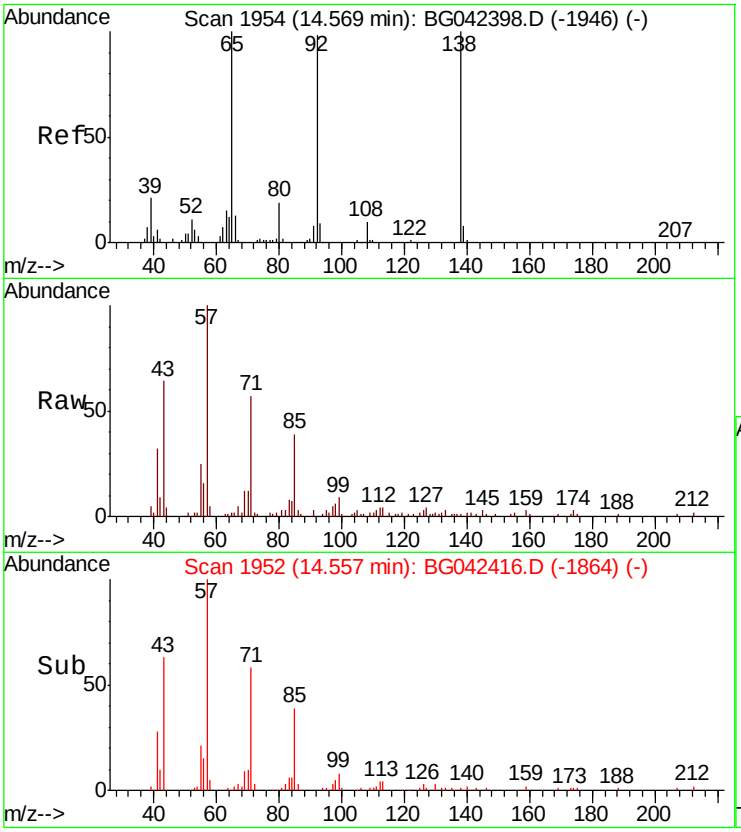


#52
Acenaphthene
Concen: 1.000 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:154 Resp: 10795

Ion	Ratio	Lower	Upper
154	100		
153	110.6	90.2	135.4
152	52.0	43.2	64.8



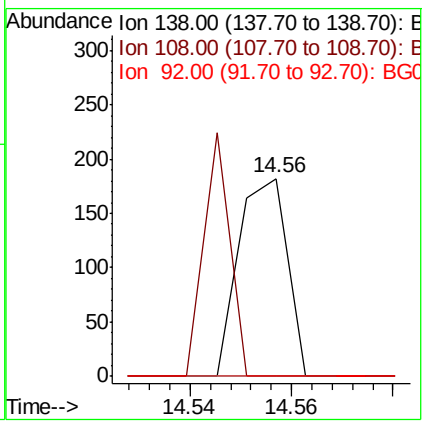


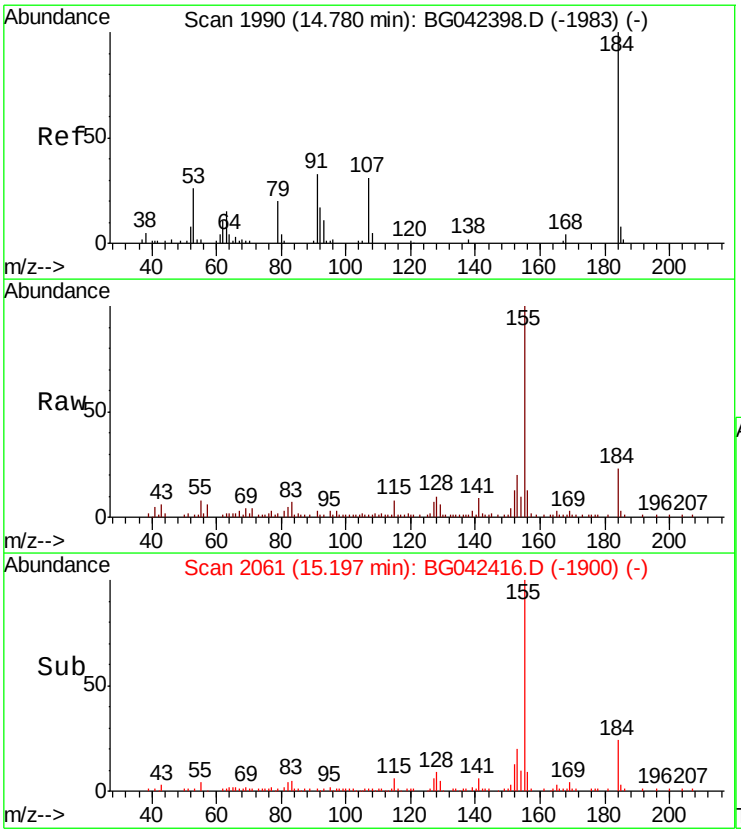
#53
3-Nitroaniline
Concen: 0.034 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 122

Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.3	12.5#
92	0.0	78.2	117.4#

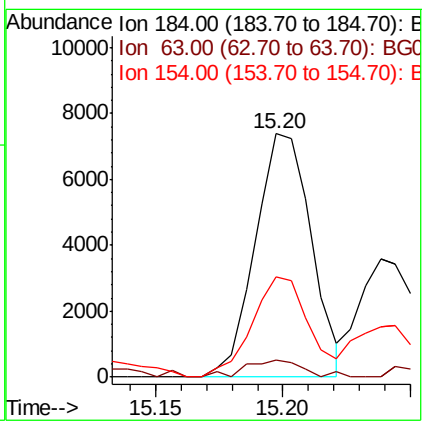


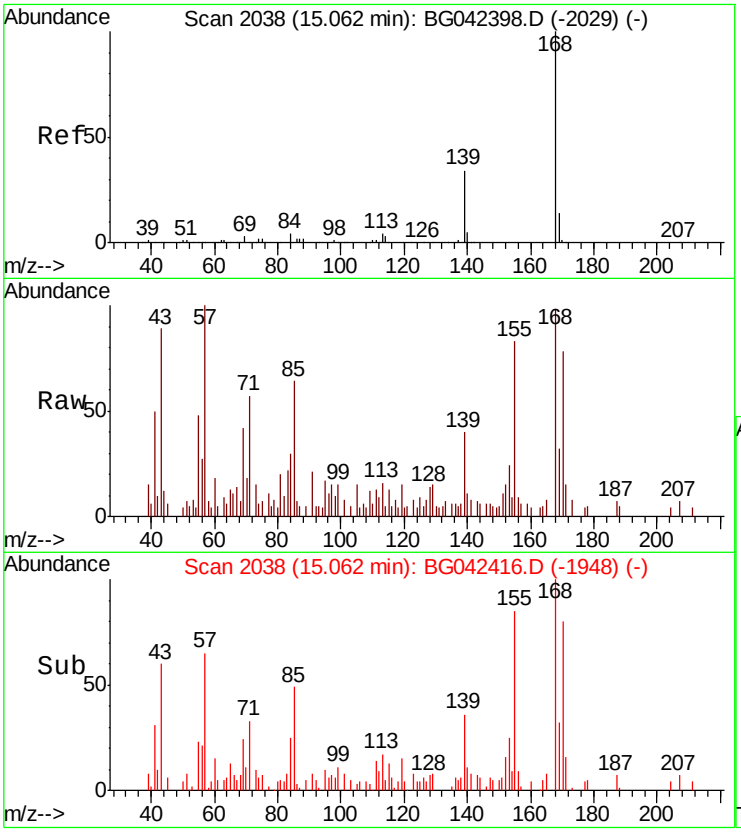


#54
2,4-Dinitrophenol
Concen: 10.661 ng
RT: 15.20 min Scan# 2061
Delta R.T. 0.42 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:184 Resp: 11405

Ion	Ratio	Lower	Upper
184	100		
63	6.8	31.7	47.5#
154	41.3	42.0	63.0#



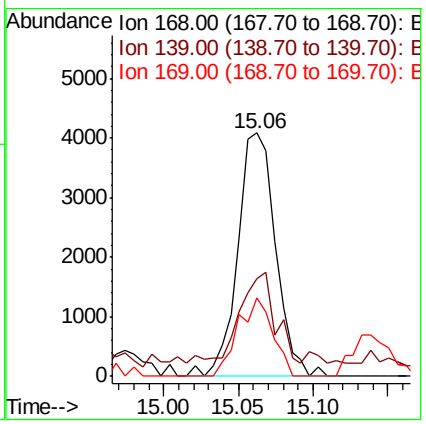


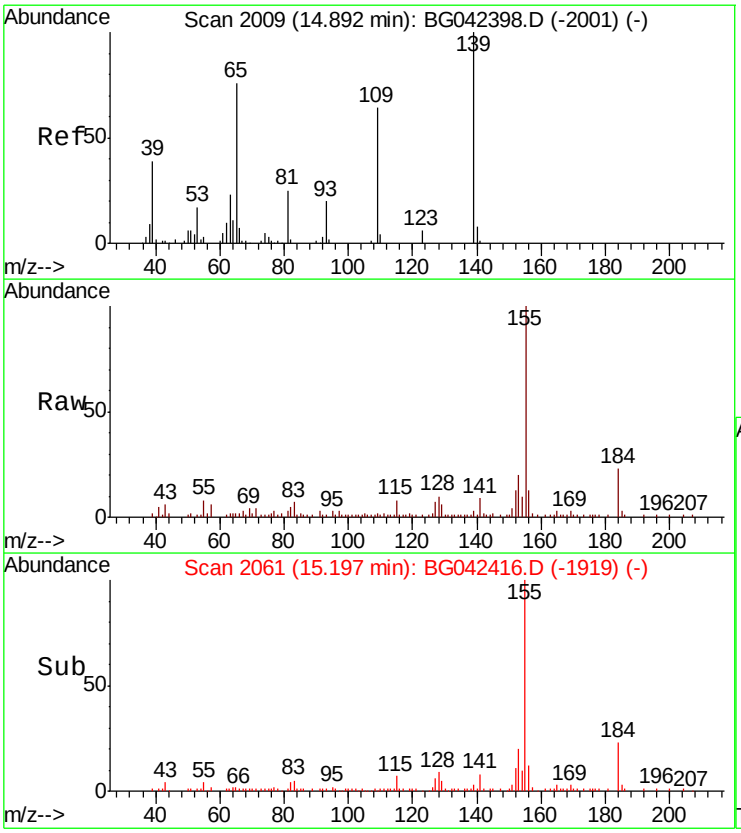
#55
Dibenzofuran
Concen: 0.401 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 7166

Ion	Ratio	Lower	Upper
168	100		
139	40.3	27.2	40.8
169	32.2	11.5	17.3#

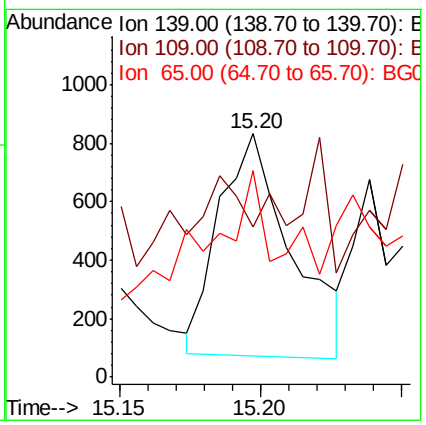


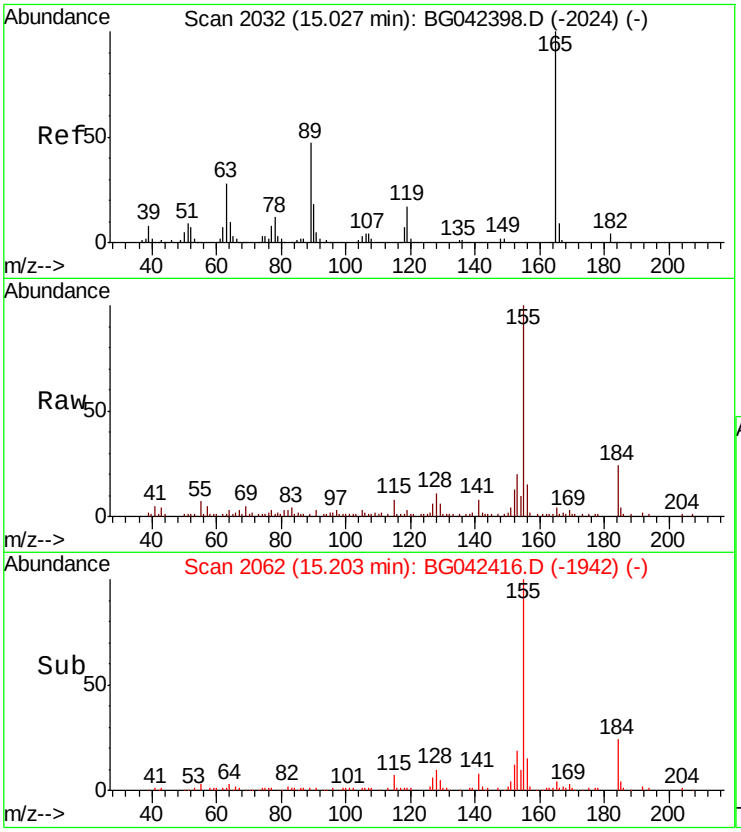


#56
4-Nitrophenol
Concen: 0.535 ng
RT: 15.20 min Scan# 2061
Delta R.T. 0.31 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:139 Resp: 1348

Ion	Ratio	Lower	Upper
139	100		
109	61.7	43.9	83.9
65	84.8	56.3	96.3



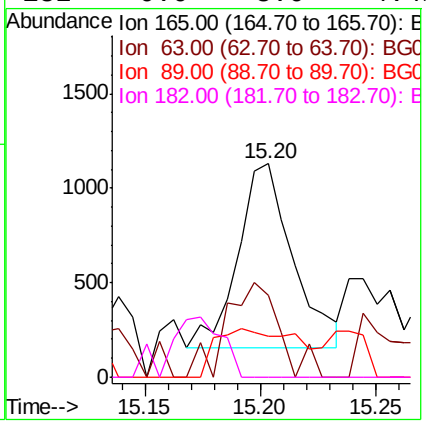


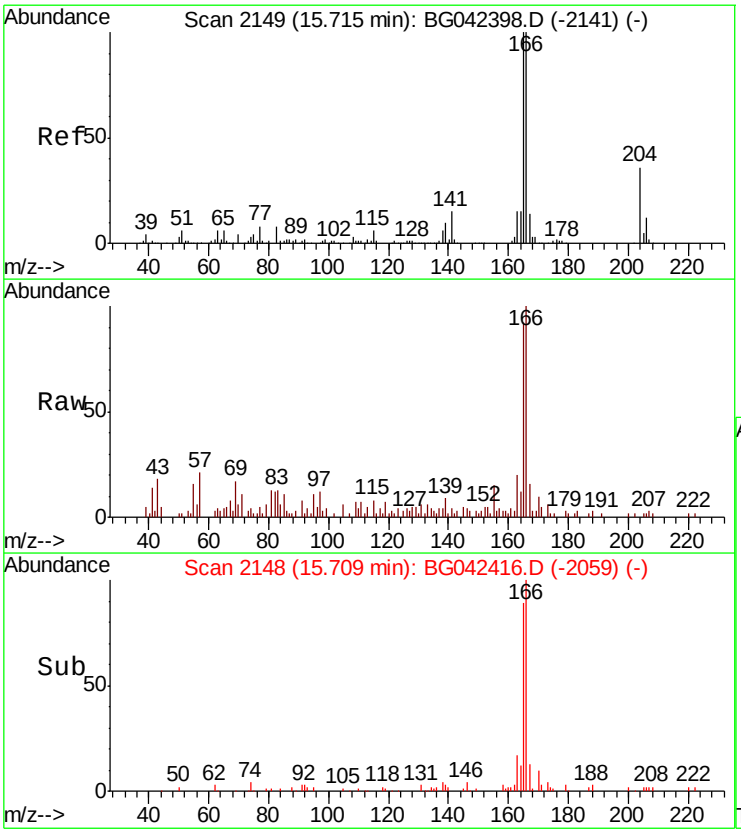
#57
2,4-Dinitrotoluene
Concen: 0.320 ng
RT: 15.20 min Scan# 2062
Delta R.T. 0.18 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 1626

Ion	Ratio	Lower	Upper
165	100		
63	38.5	22.5	33.7#
89	18.9	37.8	56.6#
182	0.0	3.0	4.4#

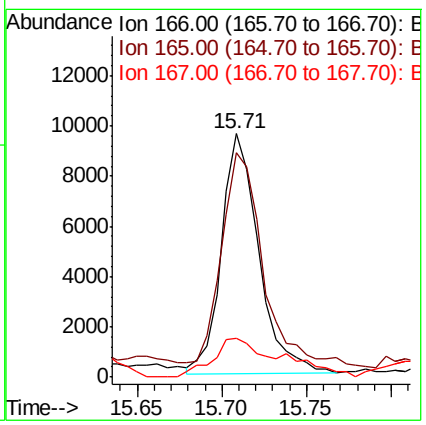


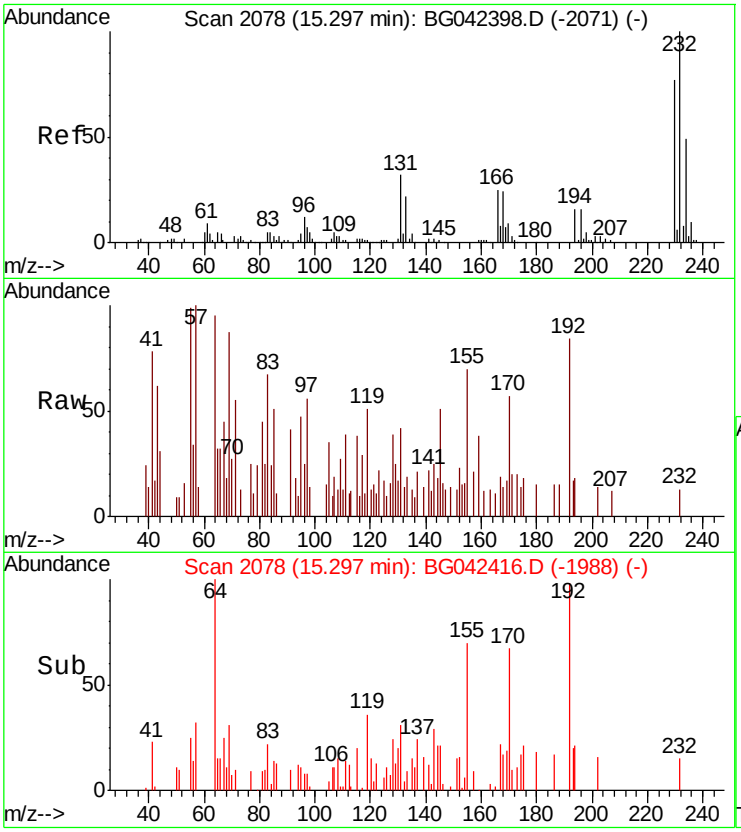


#58
Fluorene
Concen: 1.012 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:166 Resp: 14781

Ion	Ratio	Lower	Upper
166	100		
165	91.9	79.7	119.5
167	15.9	10.9	16.3



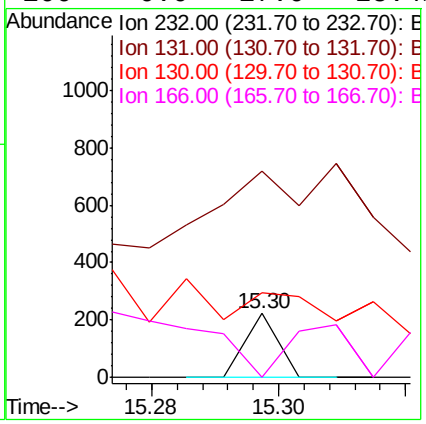


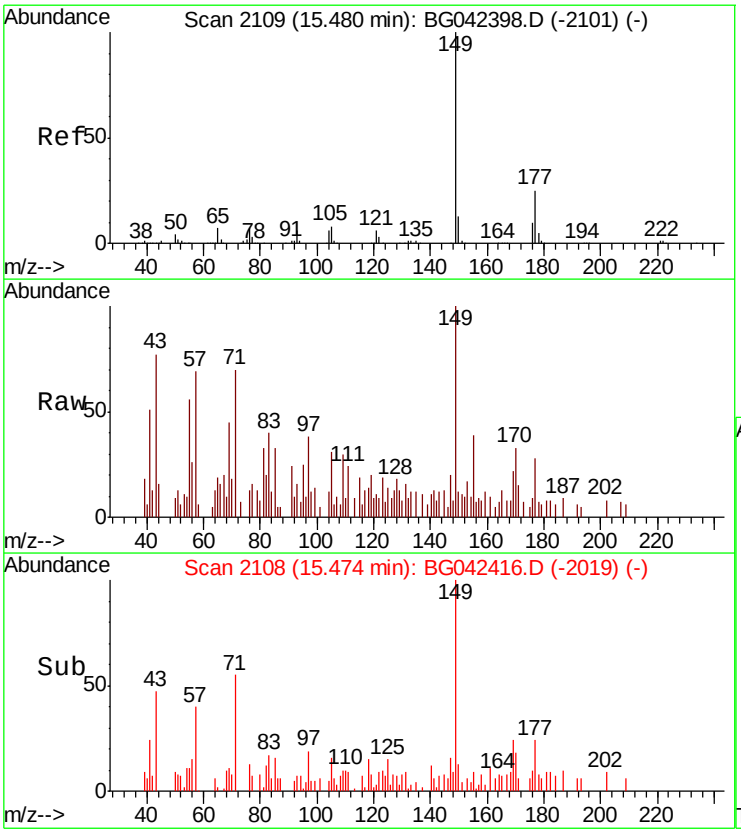
#59
2,3,4,6-Tetrachlorophenol
Concen: 0.017 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:232 Resp: 78

Ion	Ratio	Lower	Upper
232	100		
131	1692.3	22.9	34.3#
130	0.0	1.4	2.0#
166	0.0	17.0	25.4#

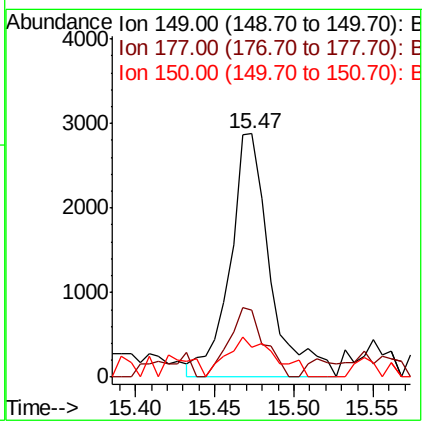


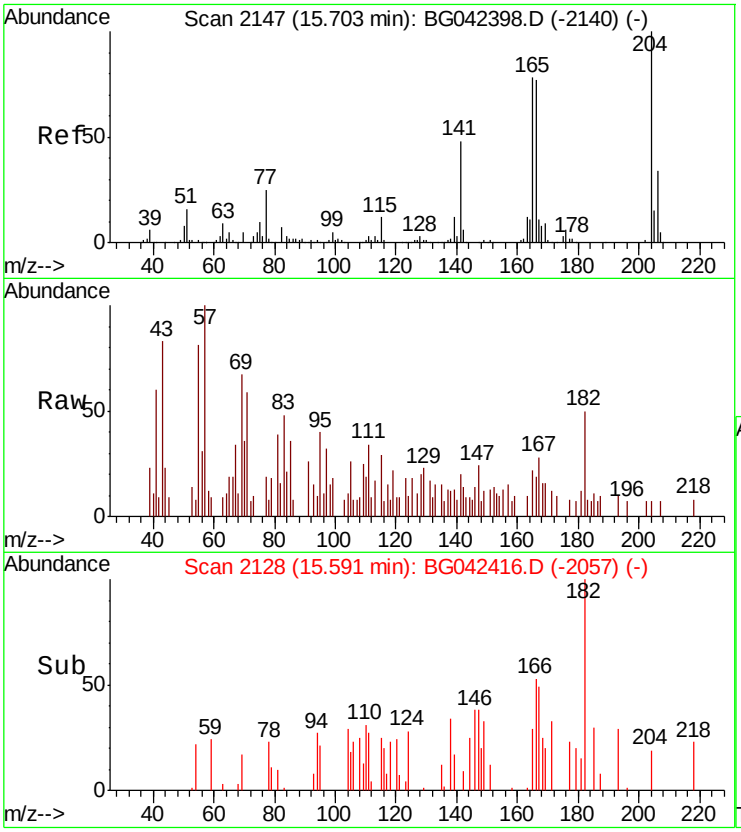


#60
Diethylphthalate
Concen: 0.337 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:149 Resp: 5032

Ion	Ratio	Lower	Upper
149	100		
177	27.6	20.4	30.6
150	12.2	10.3	15.5



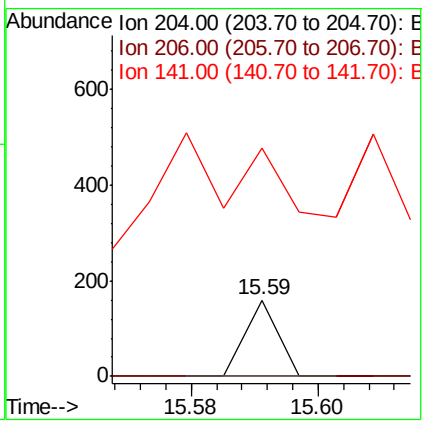


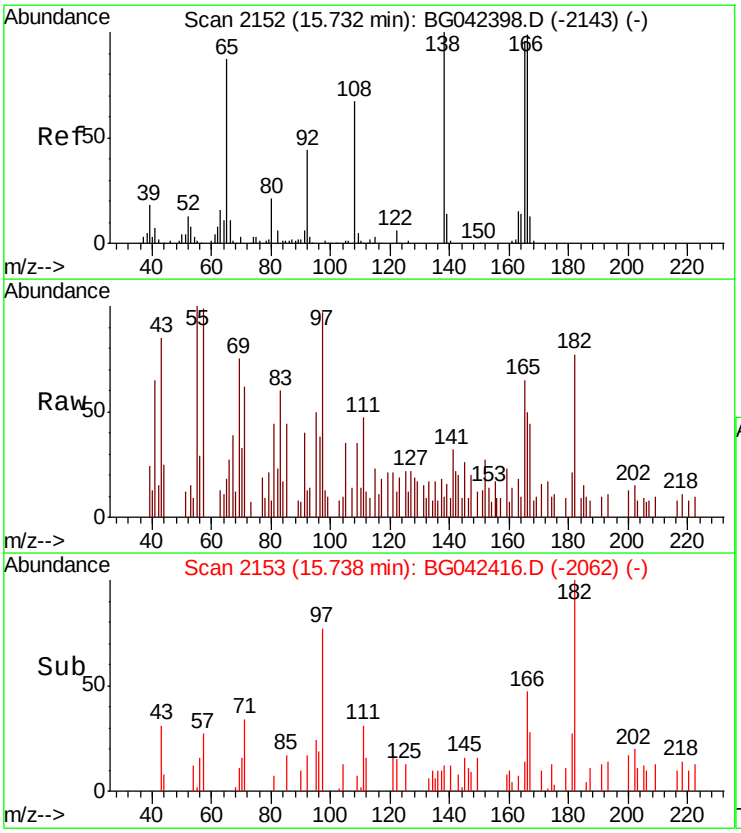
#61
4-Chlorophenyl-phenylether
Concen: 0.006 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.11 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:204 Resp: 56

Ion	Ratio	Lower	Upper
204	100		
206	0.0	27.2	40.8#
141	298.1	38.7	58.1#

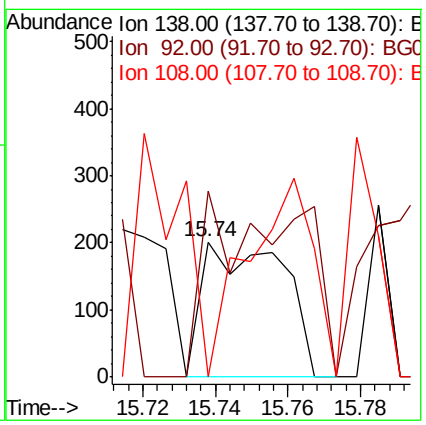


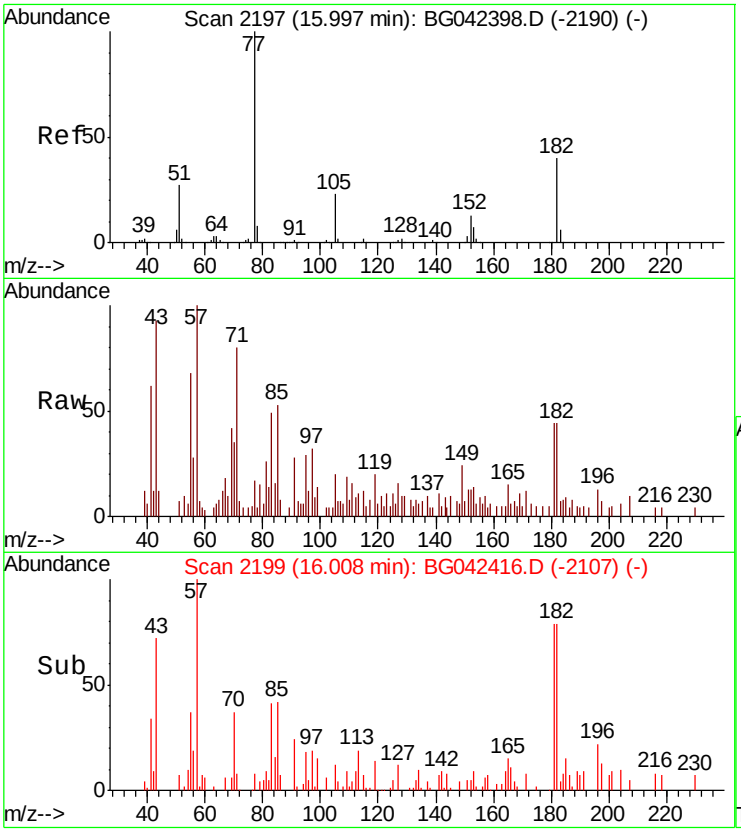


#62
4-Nitroaniline
Concen: 0.081 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:138 Resp: 307

Ion	Ratio	Lower	Upper
138	100		
92	138.3	24.2	64.2#
108	0.0	46.8	86.8#



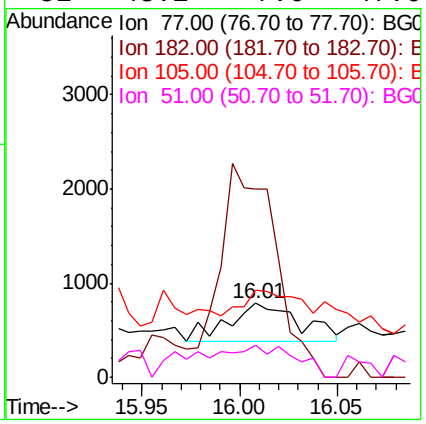


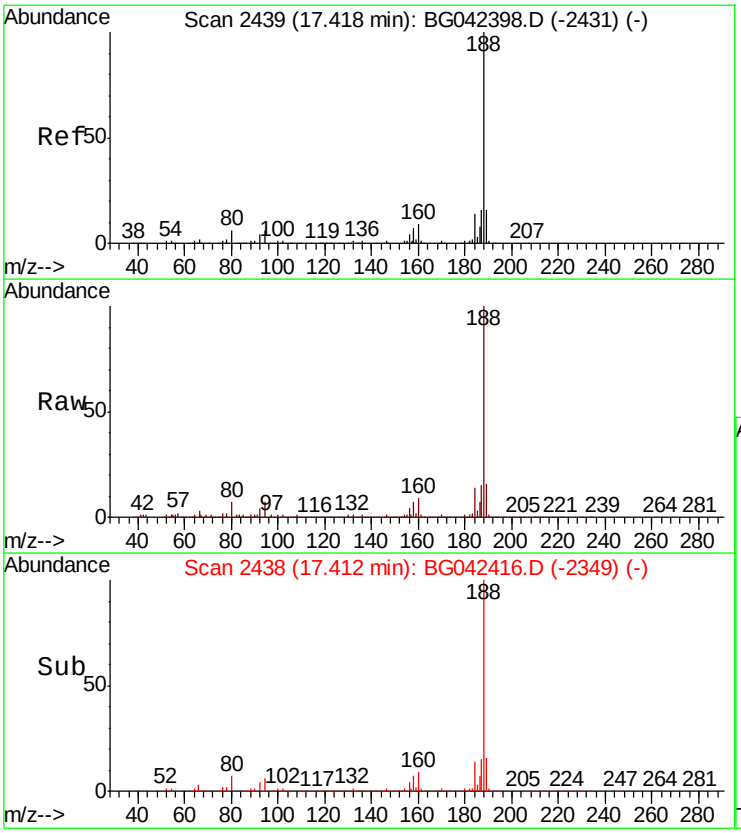
#63
Azobenzene
Concen: 0.101 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1032

Ion	Ratio	Lower	Upper
77	100		
182	254.8	19.9	59.9#
105	117.5	2.9	42.9#
51	43.1	7.6	47.6

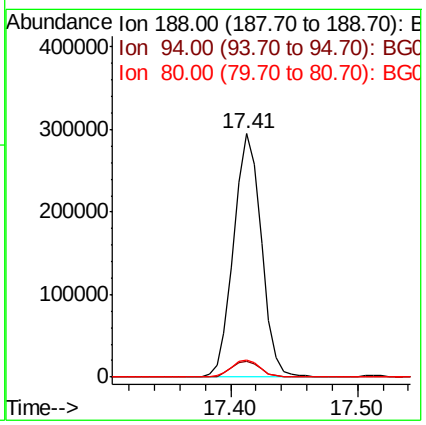


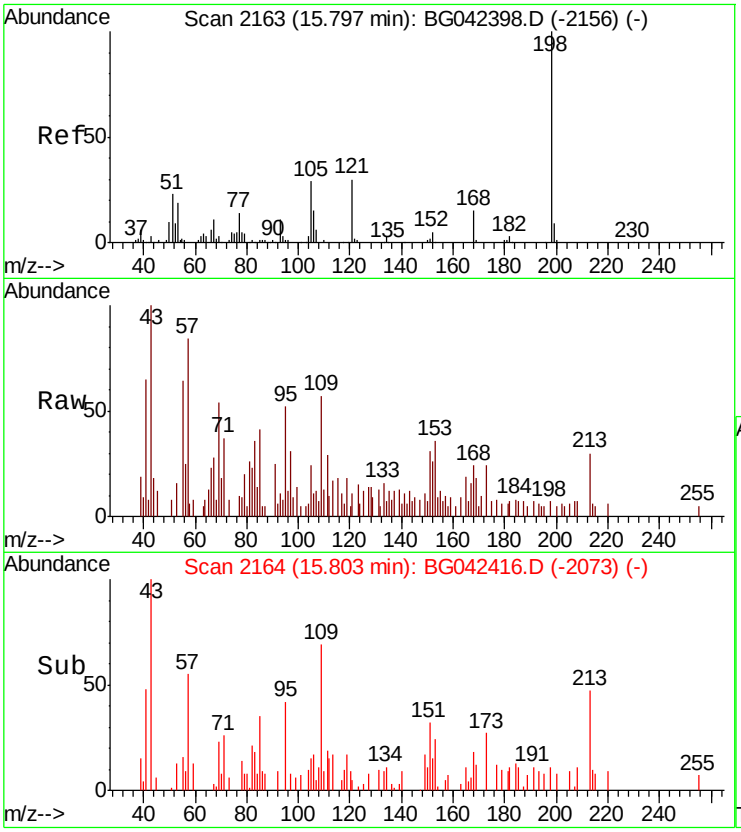


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:188 Resp: 446467

Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.5	6.7
80	7.1	4.9	7.3



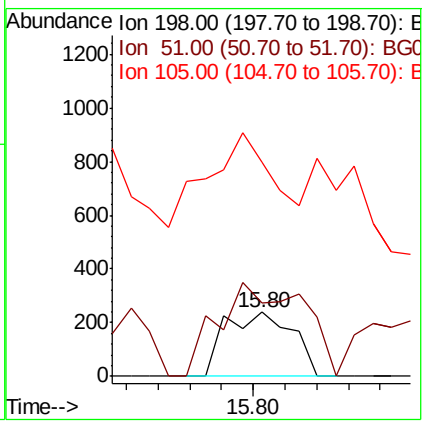


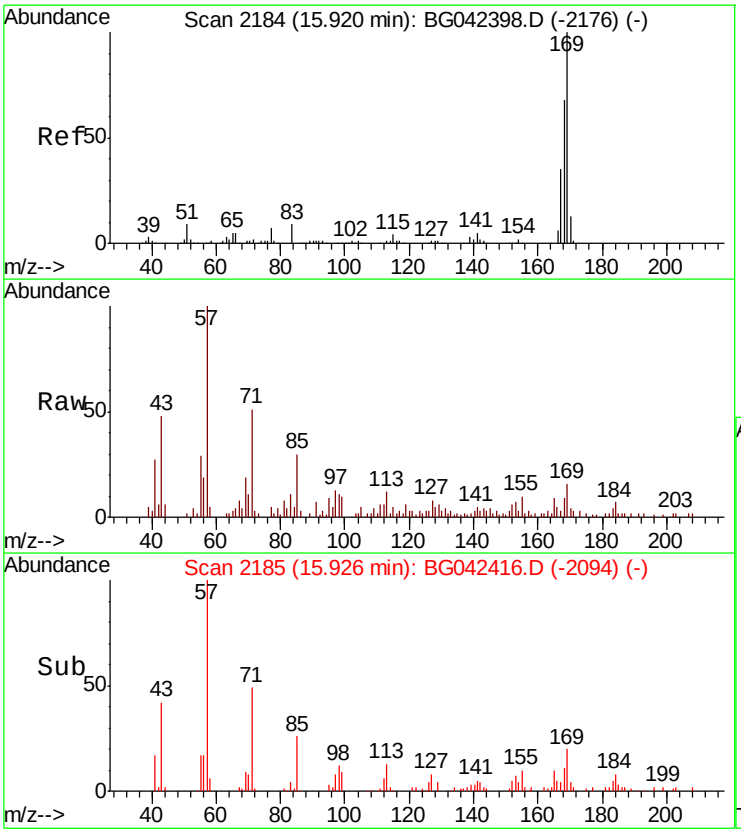
#65
4,6-Dinitro-2-methylphenol
Concen: 0.125 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 351

Ion	Ratio	Lower	Upper
198	100		
51	114.3	4.2	44.2#
105	335.7	8.8	48.8#

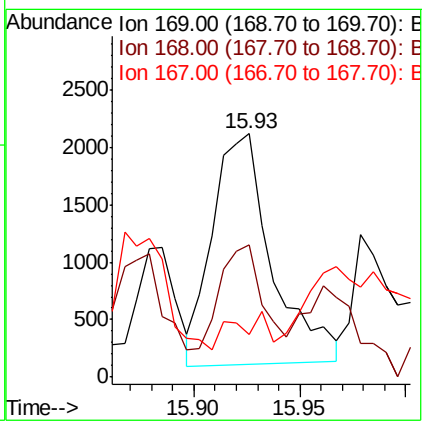


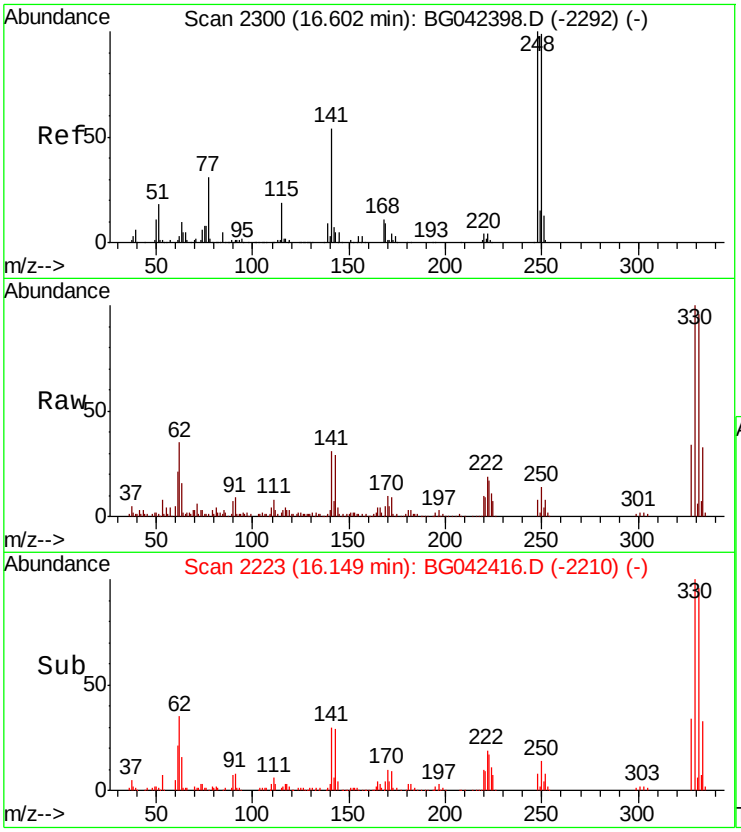


#66
n-Nitrosodiphenylamine
Concen: 0.320 ng
RT: 15.93 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:169 Resp: 3926

Ion	Ratio	Lower	Upper
169	100		
168	54.4	54.3	81.5
167	17.4	28.2	42.2#



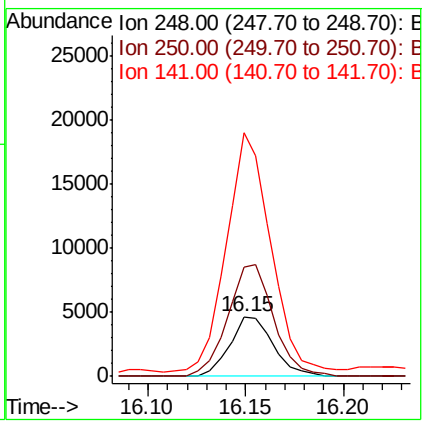


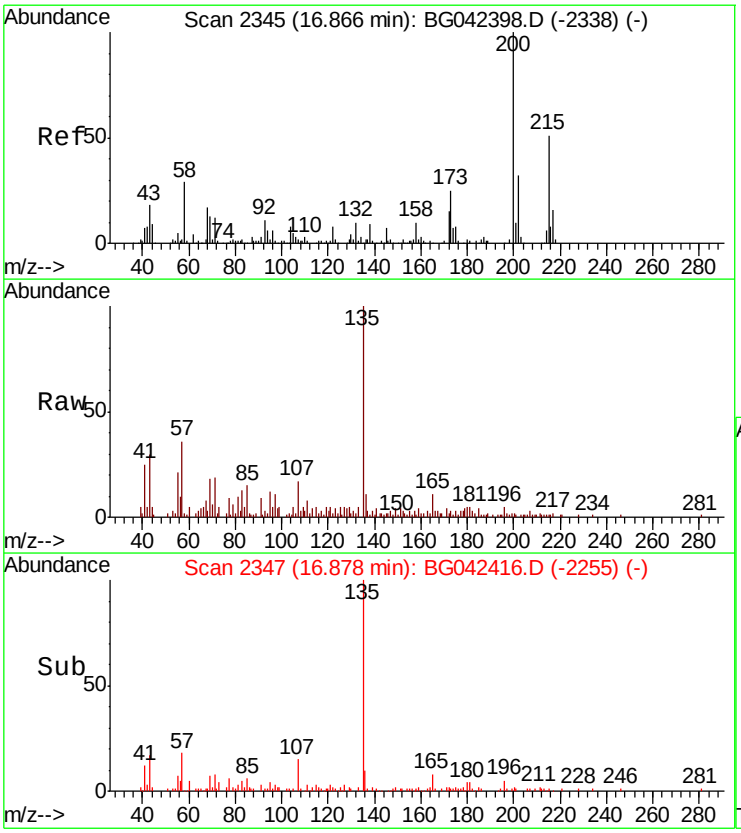
#67
4-Bromophenyl-phenylether
Concen: 1.254 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 7102

Ion	Ratio	Lower	Upper
248	100		
250	184.7	78.9	118.3#
141	410.6	43.3	64.9#

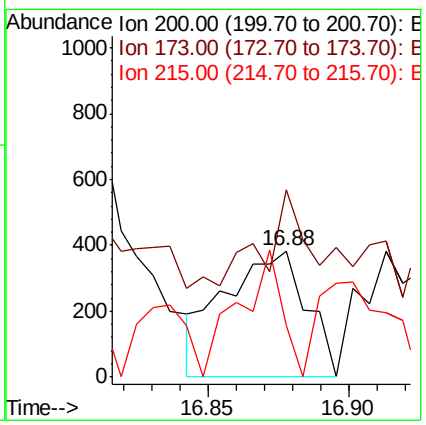


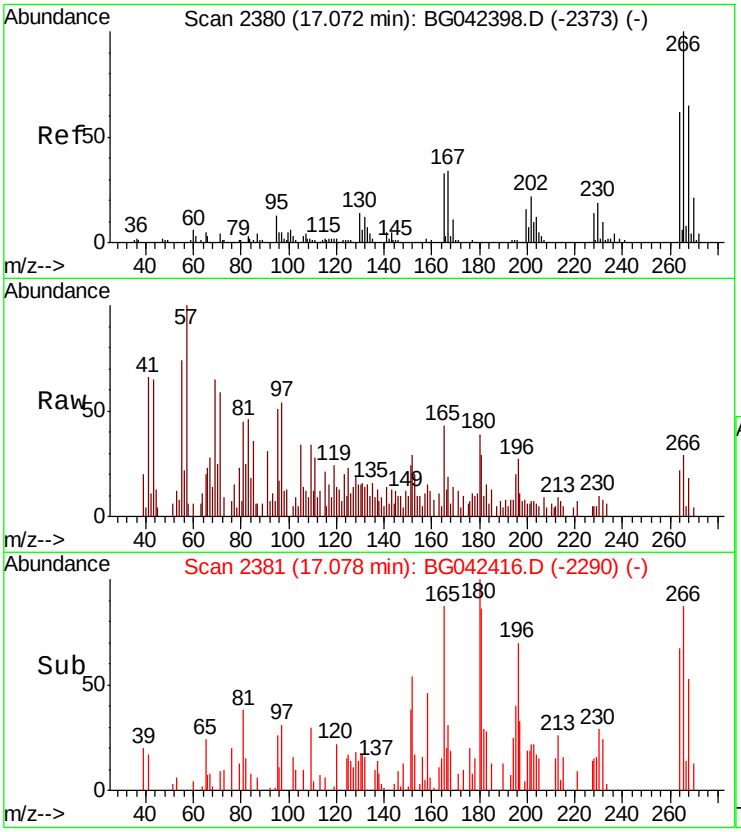


#69
Atrazine
Concen: 0.177 ng
RT: 16.88 min Scan# 2347
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:200 Resp: 769

Ion	Ratio	Lower	Upper
200	100		
173	147.9	4.9	44.9#
215	40.9	30.7	70.7



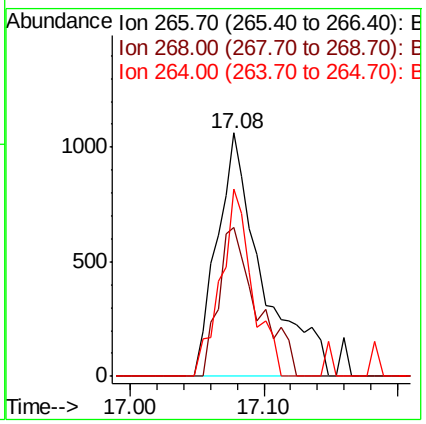


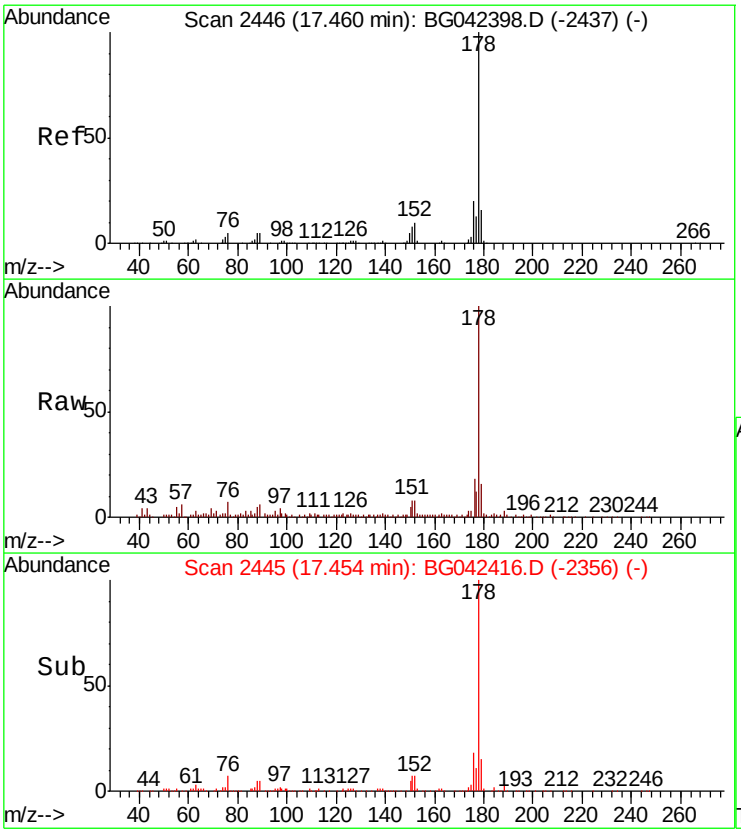
#70
Pentachlorophenol
Concen: 0.783 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 2506

Ion	Ratio	Lower	Upper
266	100		
268	61.1	52.1	78.1
264	76.8	49.4	74.2#

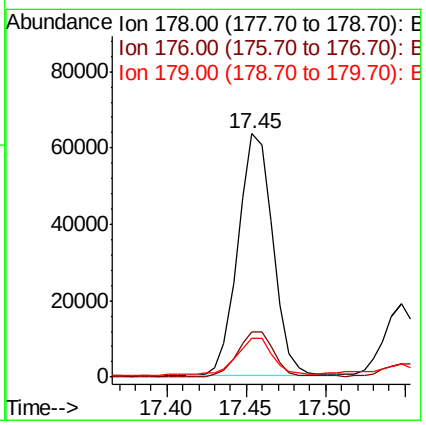


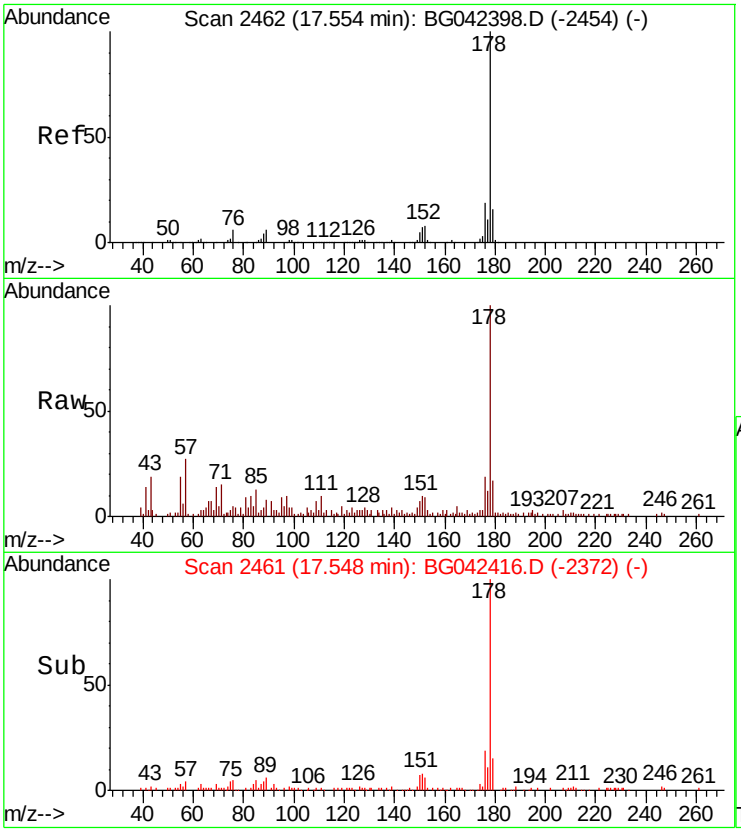


#71
Phenanthrene
Concen: 4.380 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:178 Resp: 97138

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	16.0	12.7	19.1



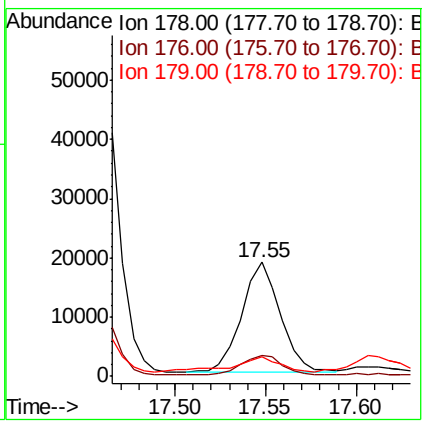


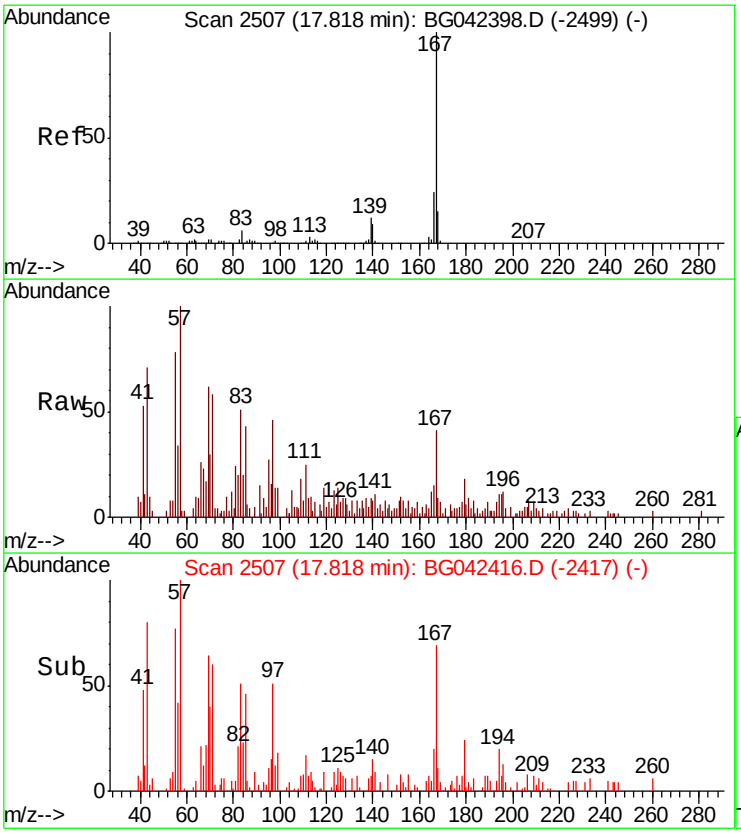
#72
Anthracene
Concen: 1.232 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 27283

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	17.4	12.9	19.3

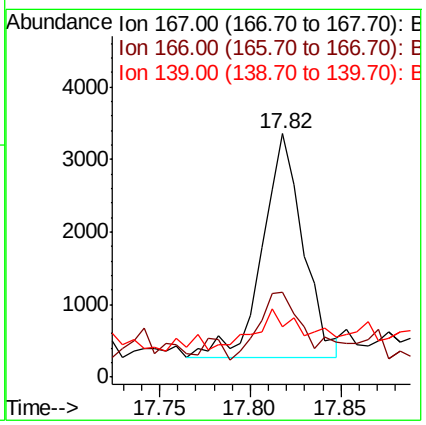


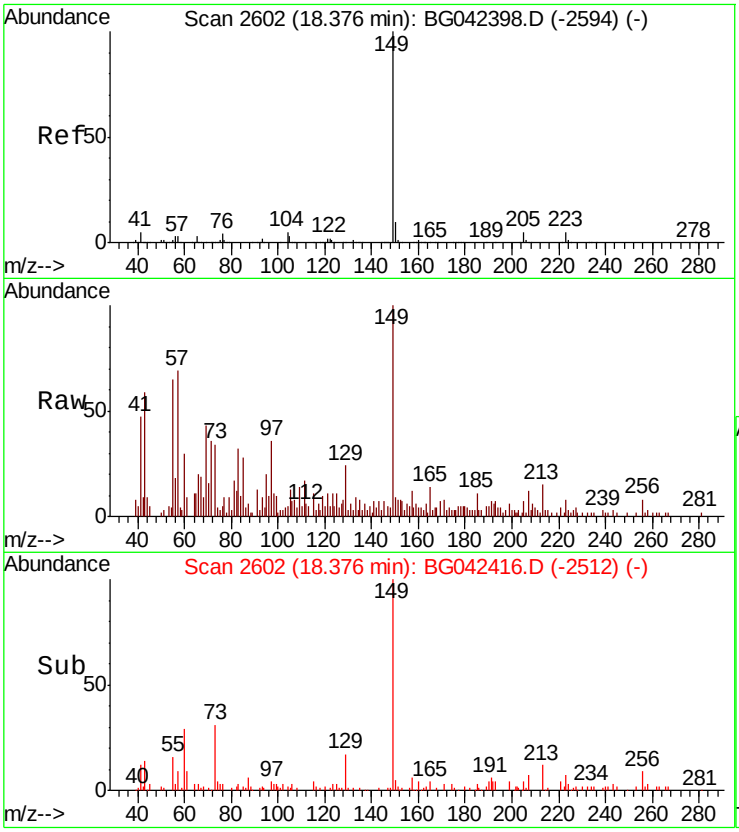


#73
Carbazole
Concen: 0.242 ng
RT: 17.82 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:167 Resp: 4783

Ion	Ratio	Lower	Upper
167	100		
166	35.0	18.9	28.3#
139	20.6	9.8	14.6#



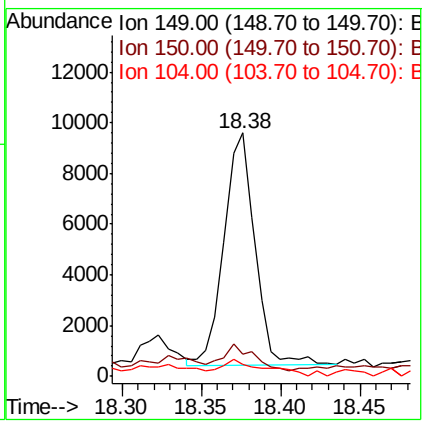


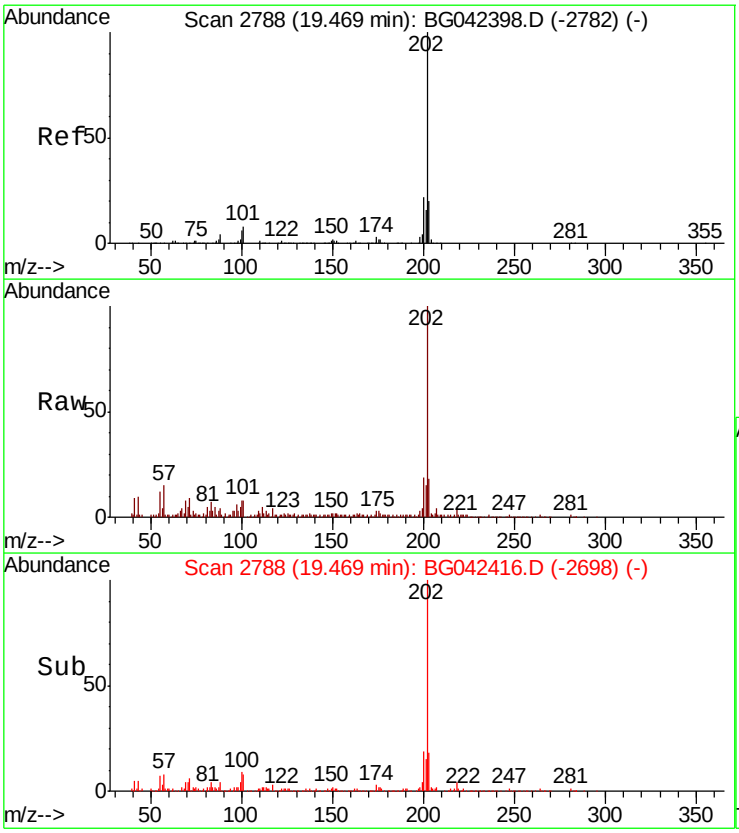
#74
Di-n-butylphthalate
Concen: 0.528 ng
RT: 18.38 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 12305

Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	4.7	3.7	5.5

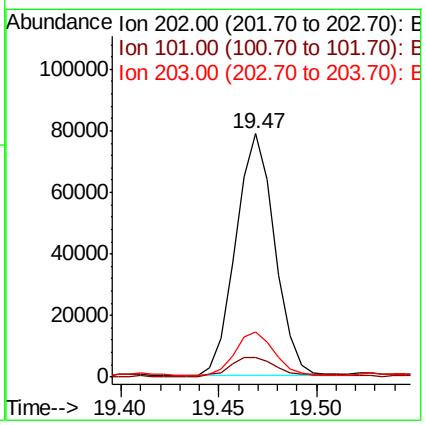


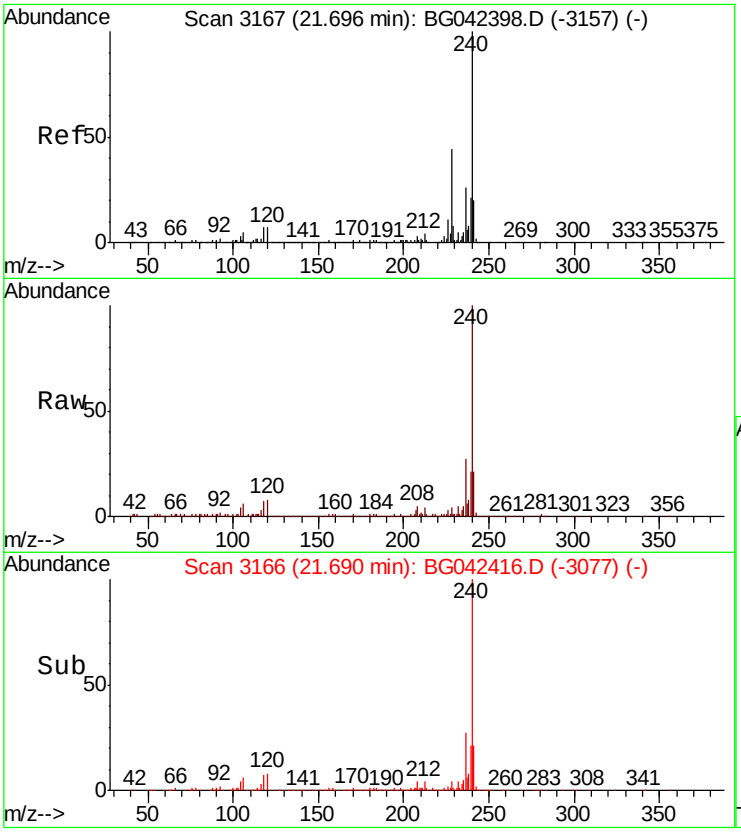


#75
Fluoranthene
Concen: 4.038 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:202 Resp: 109278

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	18.4	0.0	39.6



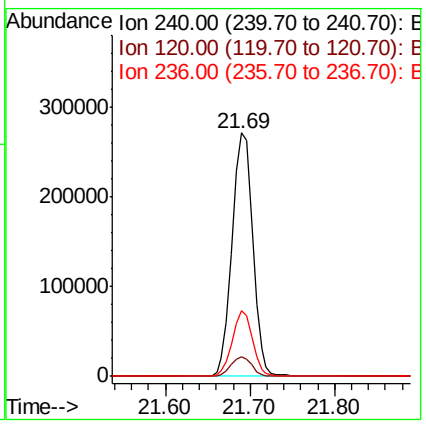


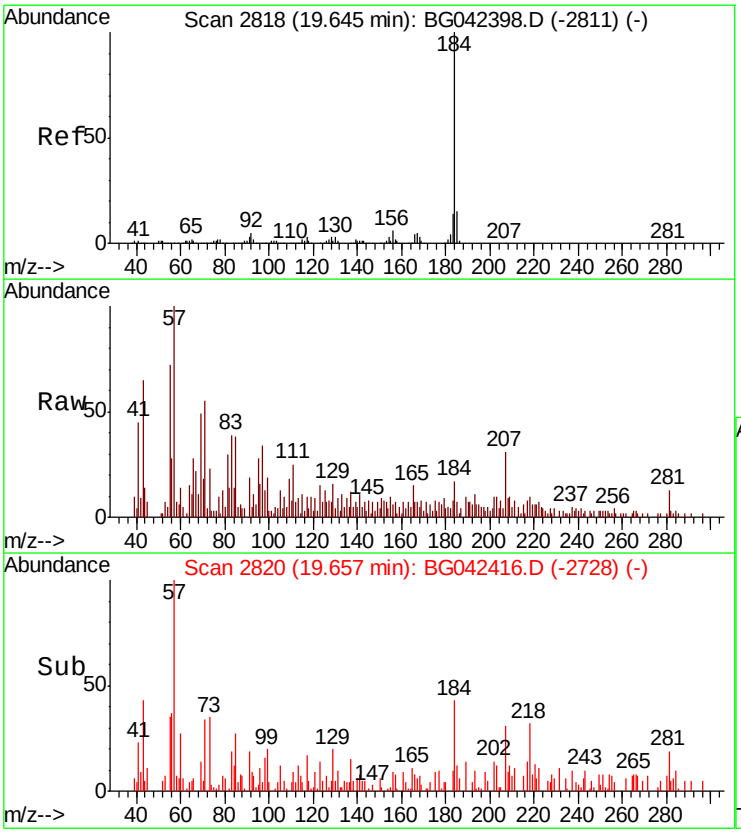
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 458757

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.7	8.5
236	27.1	21.0	31.4

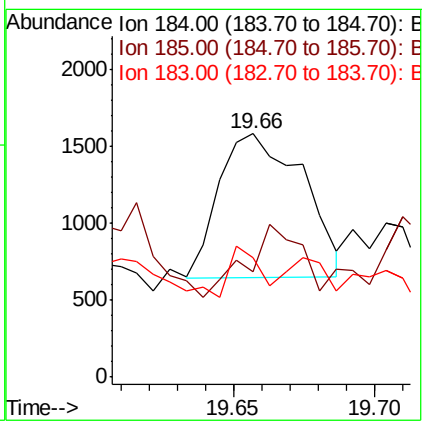


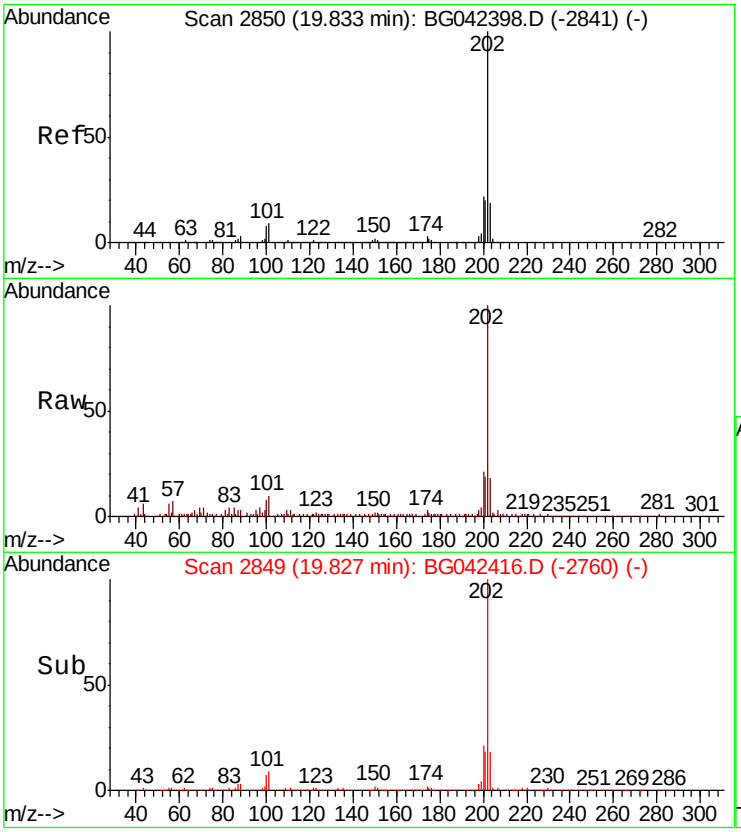


#77
Benzidine
Concen: 0.147 ng
RT: 19.66 min Scan# 2820
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:184 Resp: 1933

Ion	Ratio	Lower	Upper
184	100		
185	43.1	12.2	18.4#
183	48.9	10.8	16.2#



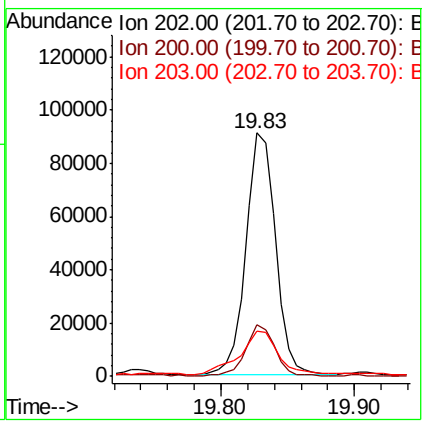


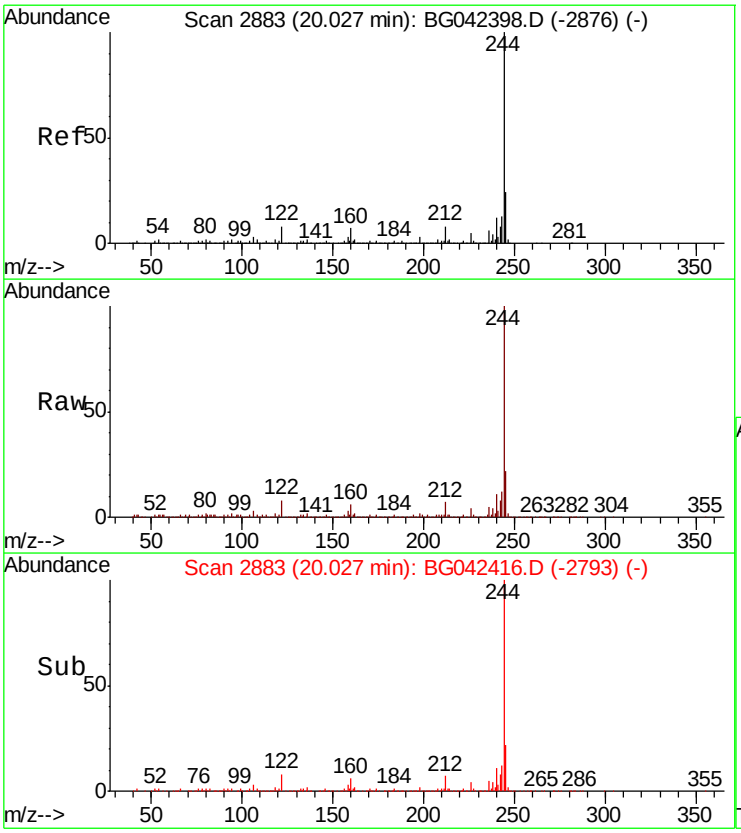
#78
Pyrene
Concen: 4.932 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 138725

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	18.4	15.5	23.3

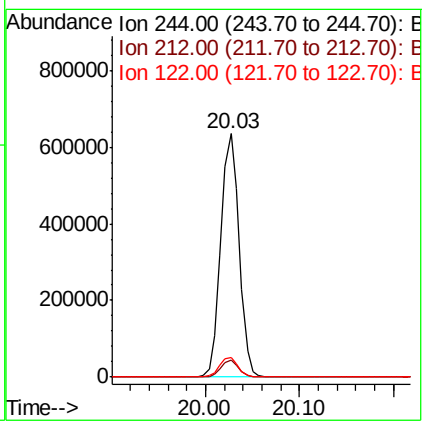


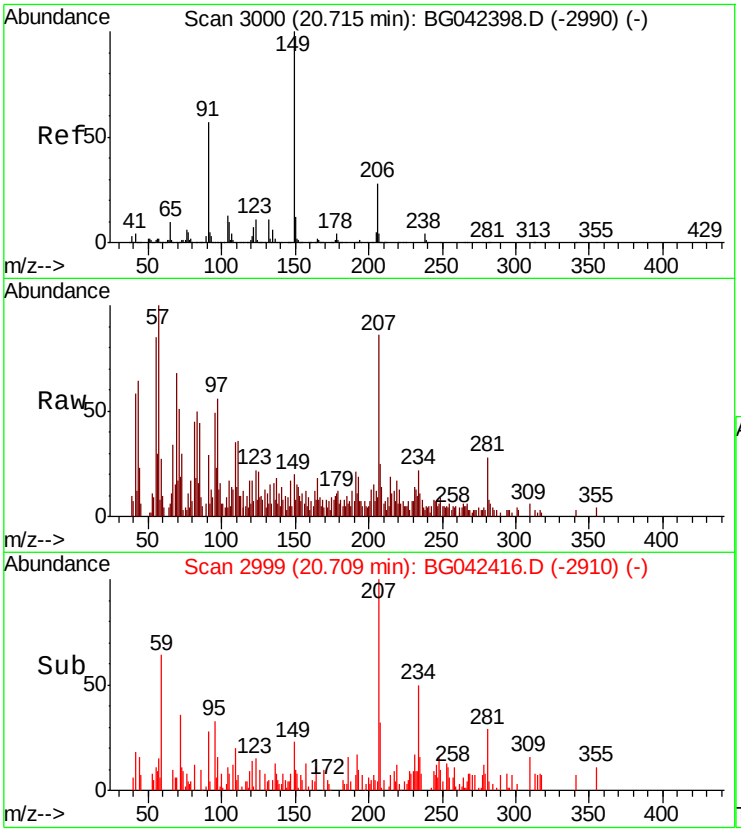


#79
Terphenyl-d14
Concen: 40.832 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:244 Resp: 866459

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	8.2	6.7	10.1



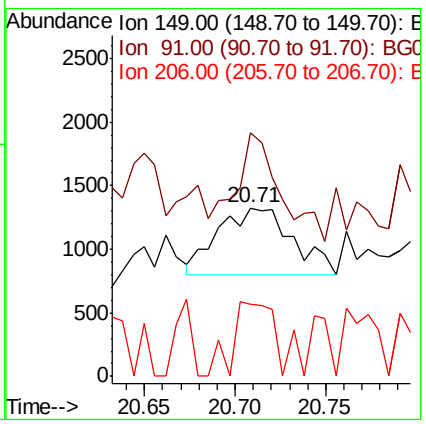


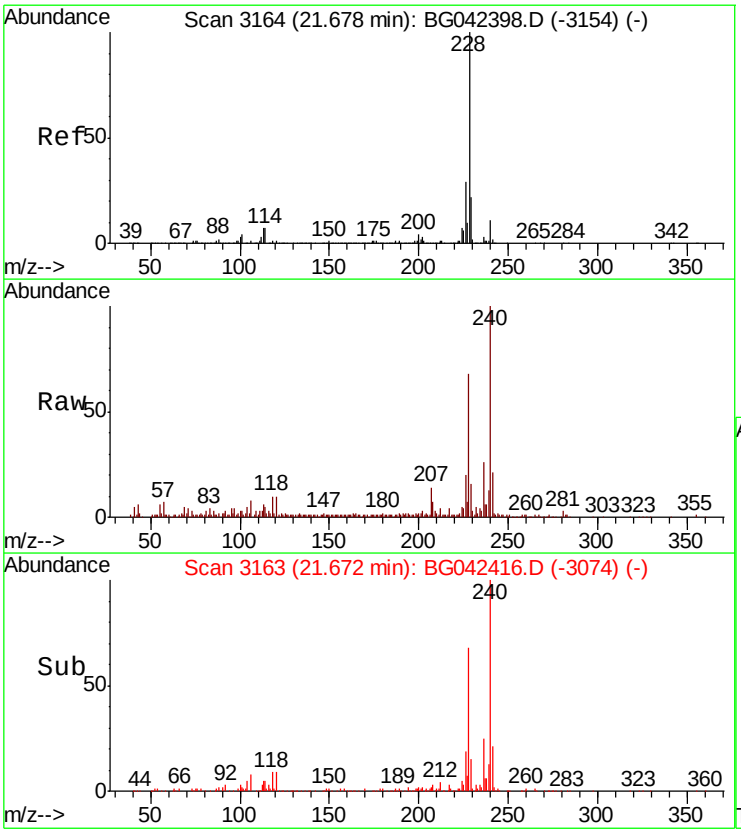
#80
Butylbenzylphthalate
Concen: 0.136 ng
RT: 20.71 min Scan# 2999
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 1510

Ion	Ratio	Lower	Upper
149	100		
91	144.5	45.9	68.9#
206	42.6	22.5	33.7#

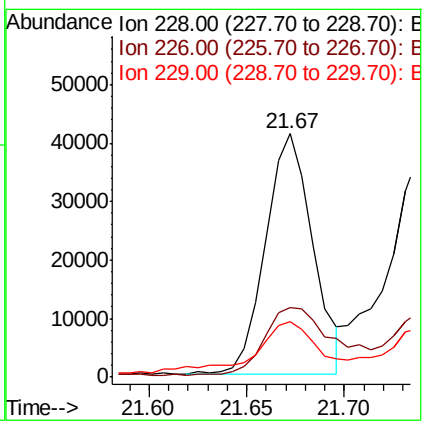


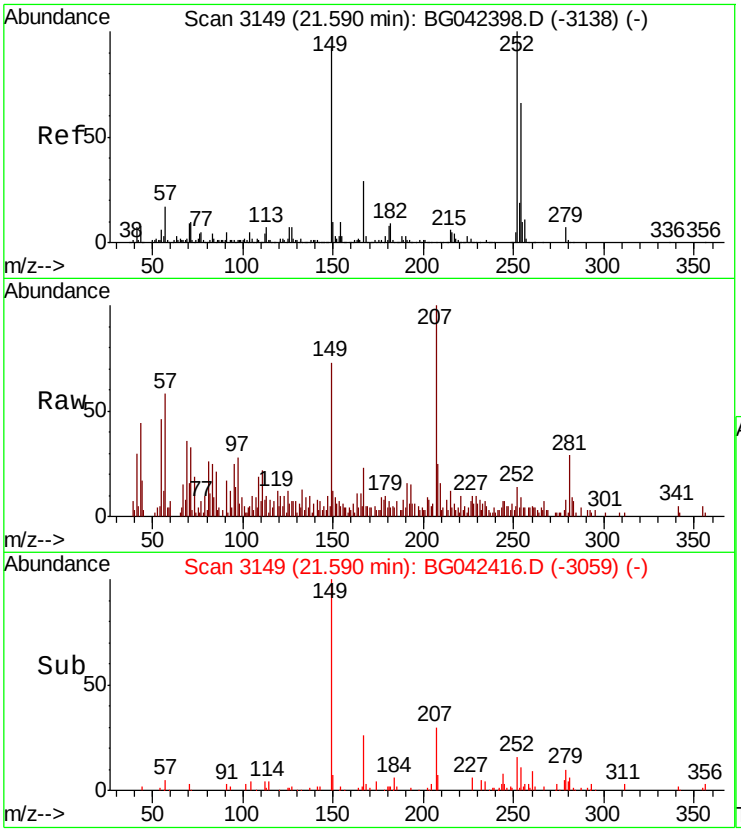


#81
Benzo(a)anthracene
Concen: 2.476 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:228 Resp: 69086

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	22.7	17.4	26.2



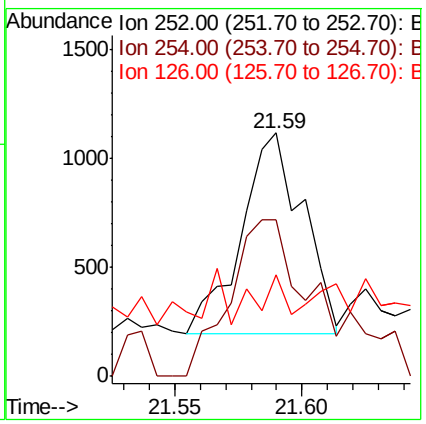


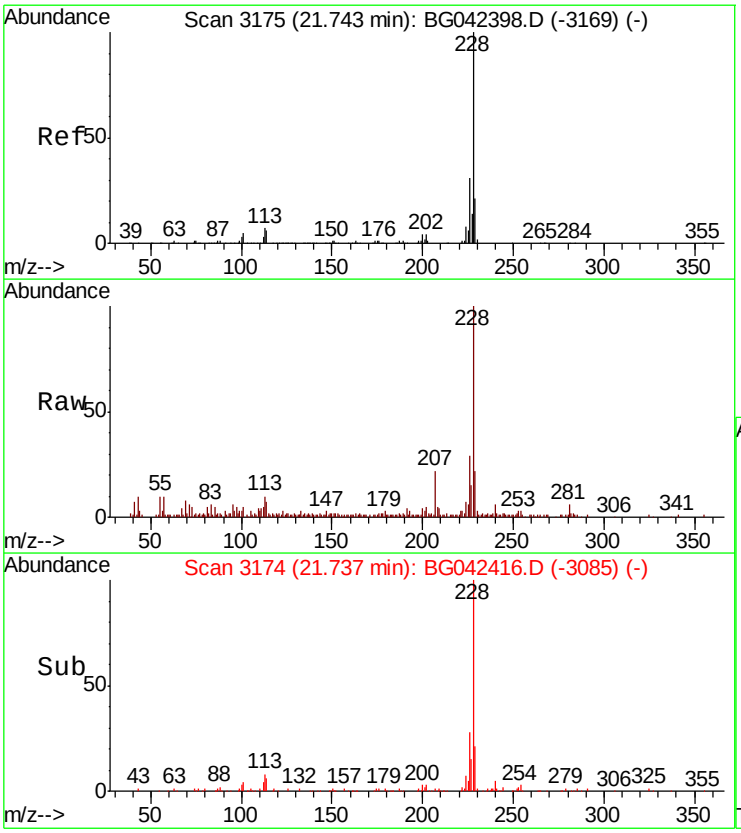
#82
3,3'-Dichlorobenzidine
Concen: 0.139 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1561

Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.0	79.4
126	41.7	5.7	8.5#

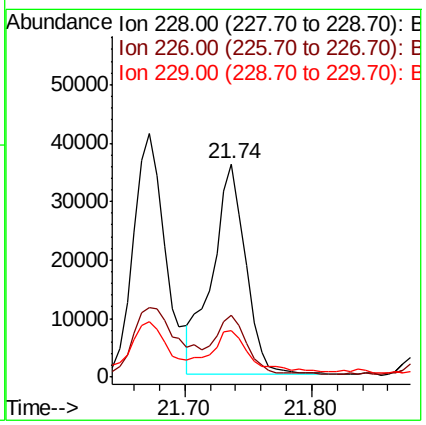


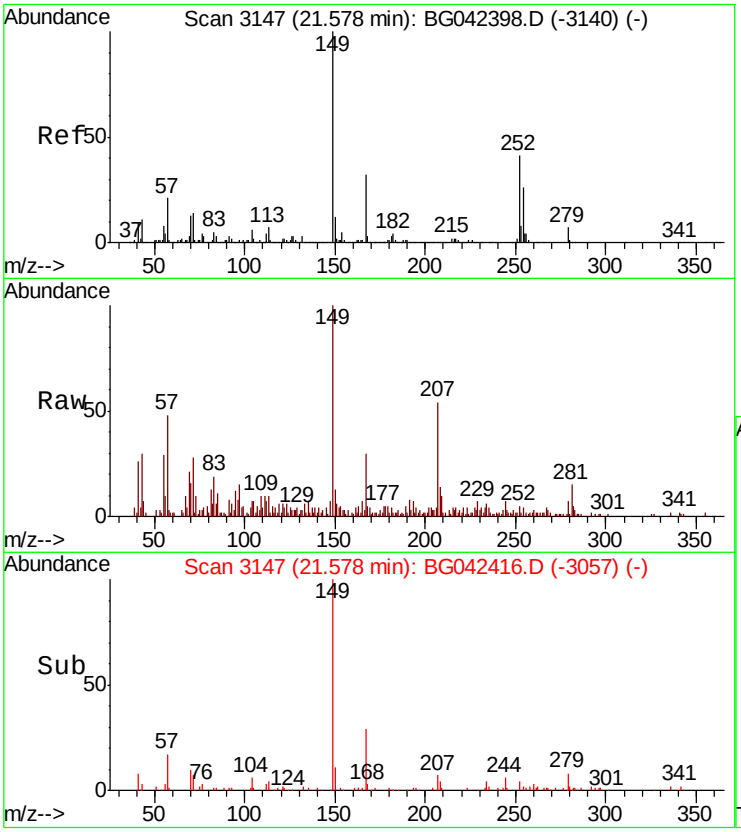


#83
Chrysene
Concen: 2.453 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:228 Resp: 66028

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.9	37.3
229	22.0	16.9	25.3



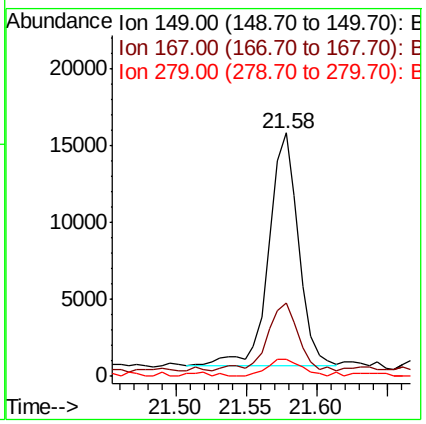


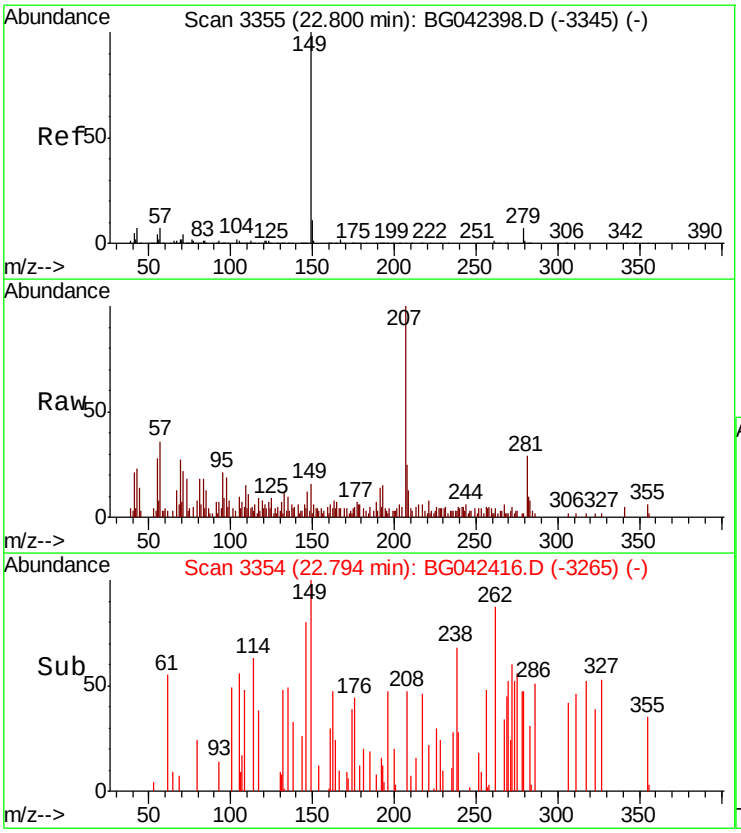
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.446 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 22205

Ion	Ratio	Lower	Upper
149	100		
167	30.0	26.0	39.0
279	7.3	5.4	8.0

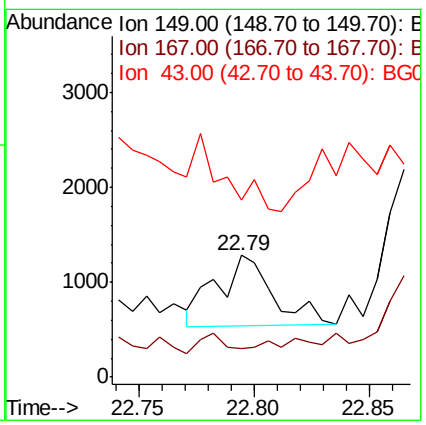


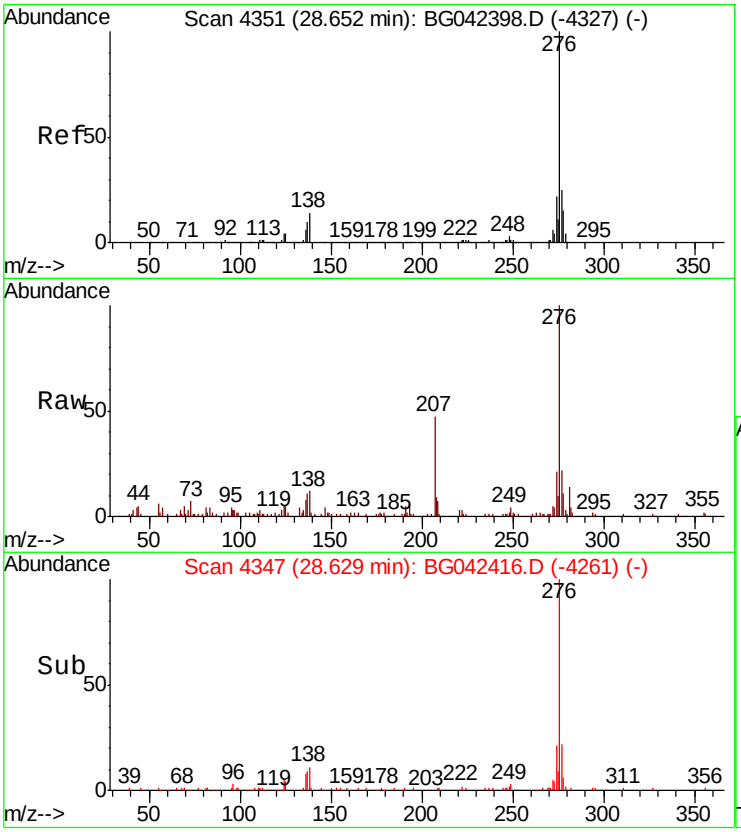


#85
Di-n-octyl phthalate
Concen: 0.049 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:149 Resp: 1283

Ion	Ratio	Lower	Upper
149	100		
167	13.7	1.6	2.4#
43	0.0	5.3	7.9#



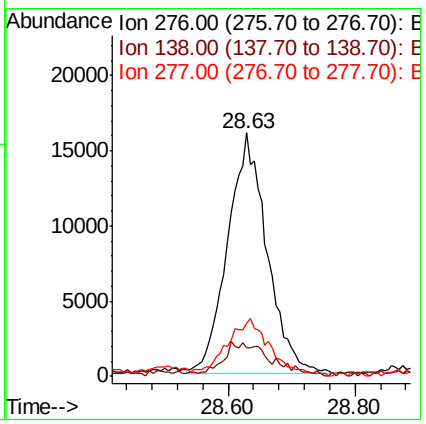


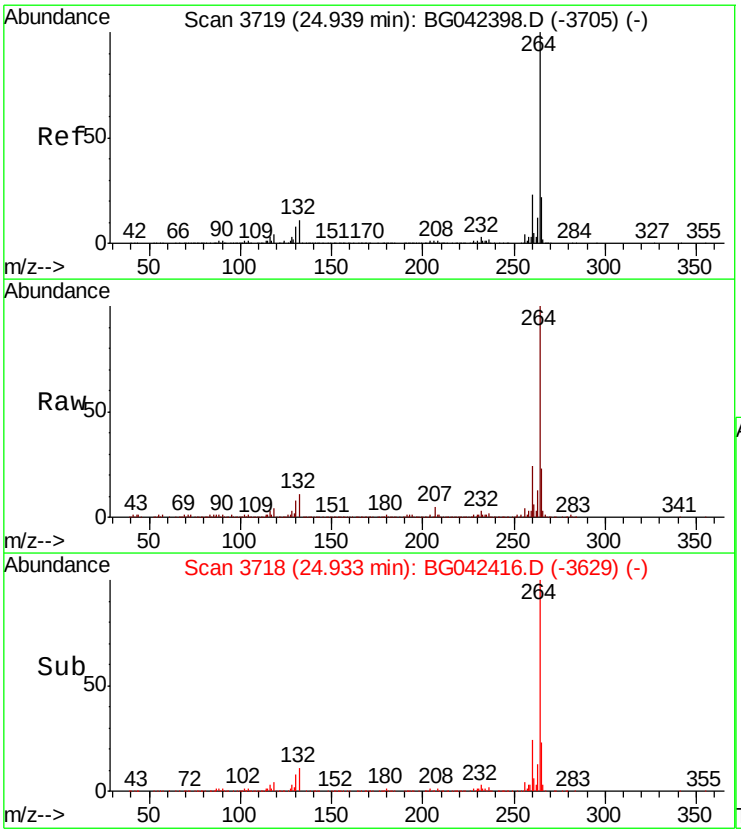
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.859 ng
RT: 28.63 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 68002

Ion	Ratio	Lower	Upper
276	100		
138	0.0	9.2	13.8#
277	26.9	21.0	31.6

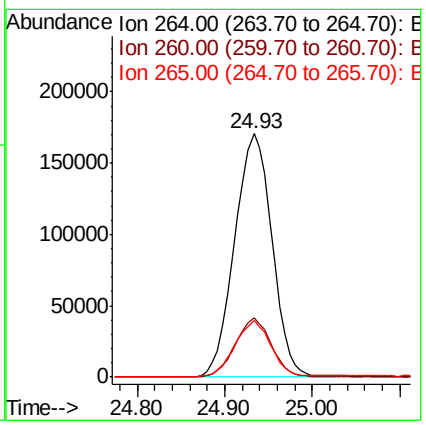


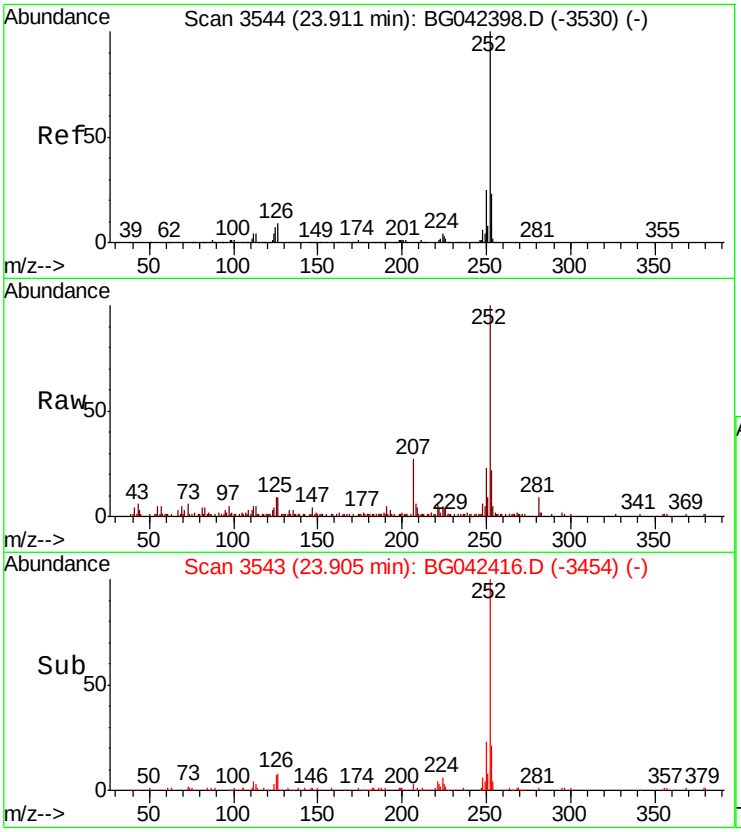


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:264 Resp: 495564

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	23.3	17.6	26.4



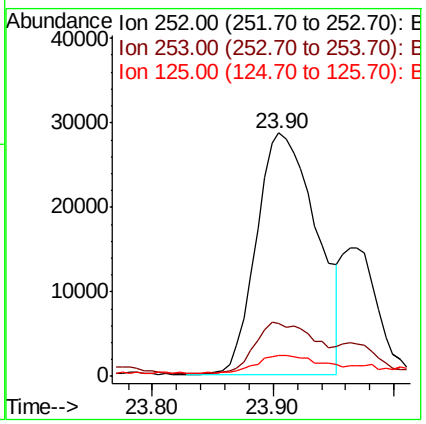


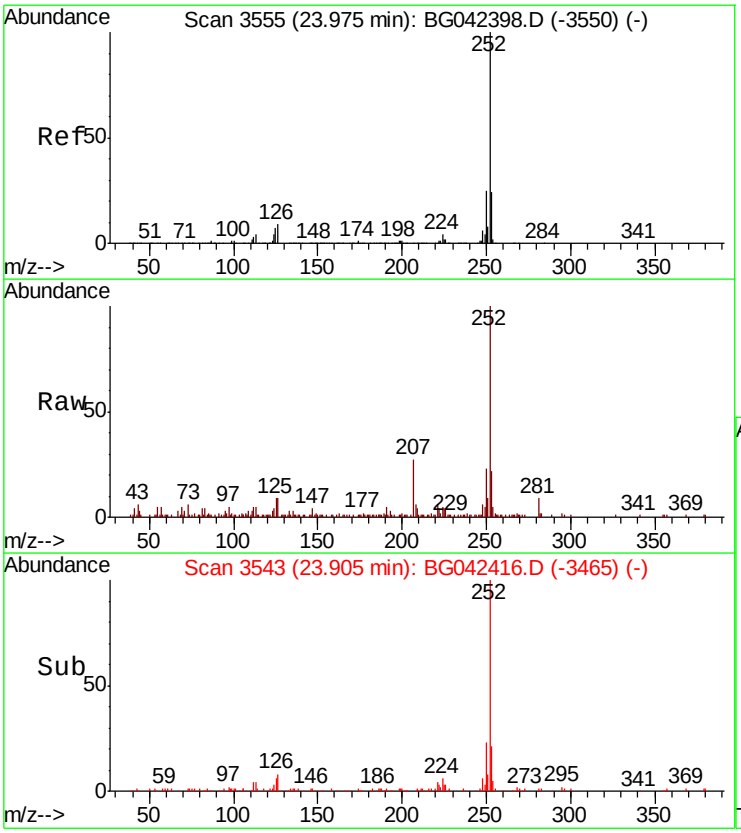
#88
Benzo(b)fluoranthene
Concen: 3.624 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 98744

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	8.6	5.6	8.4#

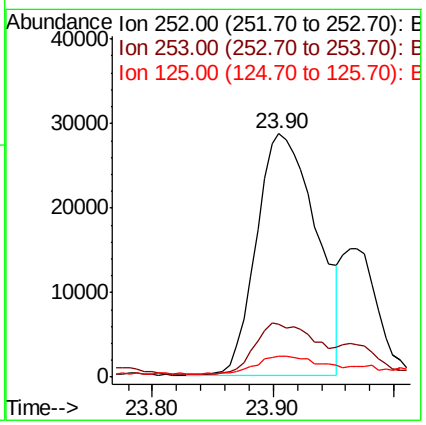


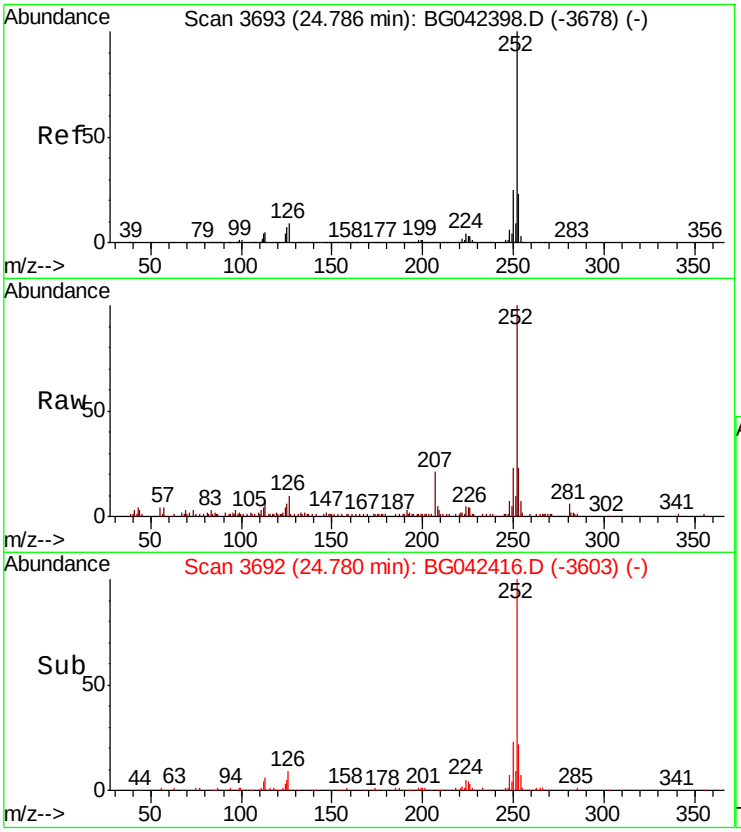


#89
Benzo(k)fluoranthene
Concen: 3.771 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.07 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:252 Resp: 98744

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	8.6	5.8	8.6



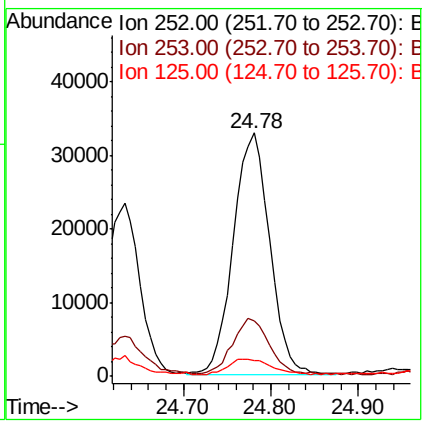


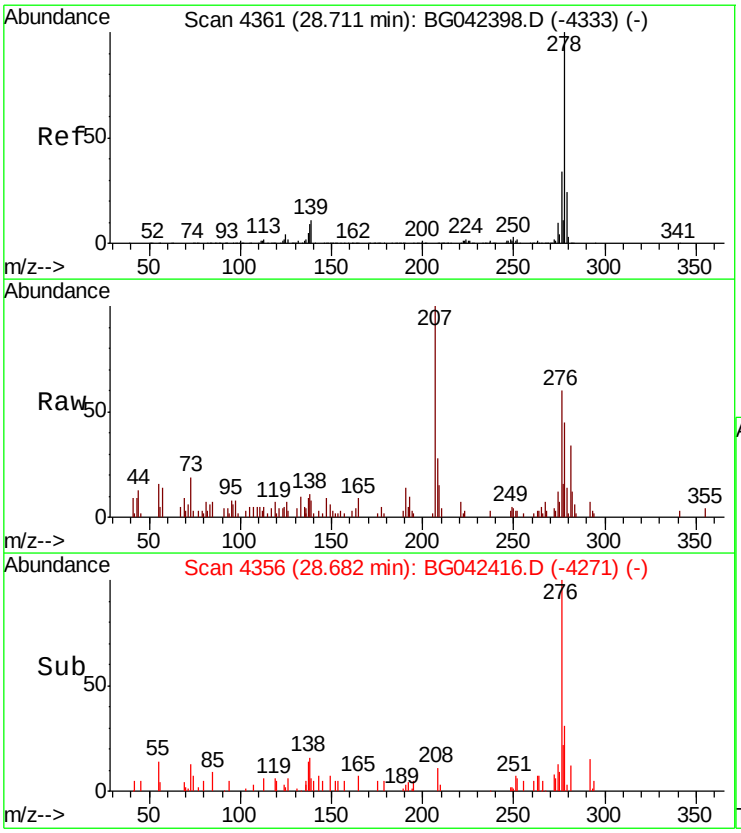
#90
Benzo(a)pyrene
Concen: 3.566 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 92198

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	6.3	6.0	9.0

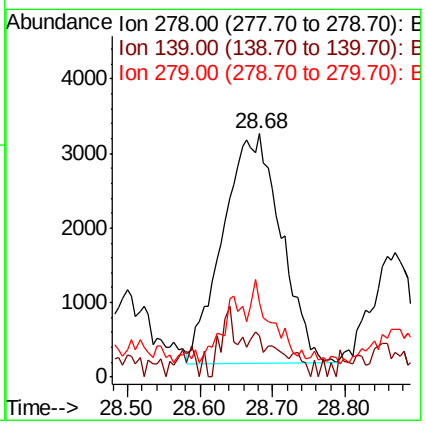


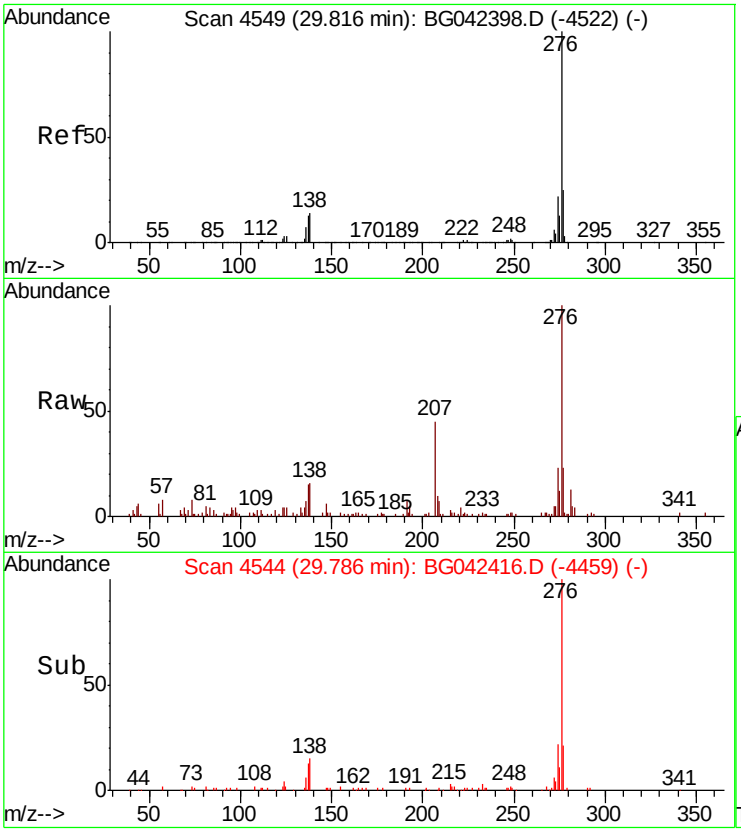


#91
Dibenzo(a,h)anthracene
Concen: 0.654 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.03 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:278 Resp: 17113

Ion	Ratio	Lower	Upper
278	100		
139	17.1	8.8	13.2#
279	30.5	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 3.060 ng
RT: 29.79 min Scan# 4544
Delta R.T. -0.03 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 80120

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.8	29.8
138	15.9	11.4	17.0