Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042542.D
Acq On : 28 Aug 2019 21:14
Operator : HP/JU
Sample : K4522-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 29 05:59:44 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	8.00	152	36904	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	134721	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	98131	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	237967	20.00	ng		0.00
76) Chrysene-d12	21.69	240	298080	20.00	ng		0.00
87) Perylene-d12	24.92	264	356320	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	247801	135.99	ng		0.00
7) Phenol-d6	7.16	99	318817	129.53	ng		0.00
23) Nitrobenzene-d5	9.17	82	180599	92.64	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	205623	147.42	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	541157	93.27	ng		0.00
79) Terphenyl-d14	20.02	244	1155942	83.84	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	11894	4.753	ng		76
19) n-Nitroso-di-n-propylamine	9.17	70	24096	15.111	ng	#	72
31) Naphthalene	10.87	128	17074	2.730	ng	#	87
35) Caprolactam	11.86	113	2715	3.649	ng	#	67
37) 2-Methylnaphthalene	12.48	142	146830	29.236	ng		98
38) 1-Methylnaphthalene	12.70	142	107854	22.608	ng		100
50) Dimethylphthalate	14.10	163	40906	5.777	ng	#	97
52) Acenaphthene	14.72	154	10300	2.061	ng	#	93
54) 2,4-Dinitrophenol	15.09	184	308	6.518	ng	#	1
56) 4-Nitrophenol	14.86	139	8682	7.444	ng	#	42
57) 2,4-Dinitrotoluene	15.06	165	5209	2.216	ng	#	65
58) Fluorene	15.71	166	22384	3.311	ng	#	91
66) n-Nitrosodiphenylamine	15.92	169	30420	4.648	ng	#	55
67) 4-Bromophenyl-phenylether	16.15	248	14163	4.692	ng	#	1
71) Phenanthrene	17.45	178	46939	3.971	ng		97
72) Anthracene	17.45	178	46939	3.978	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
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Acq On : 28 Aug 2019 21:14
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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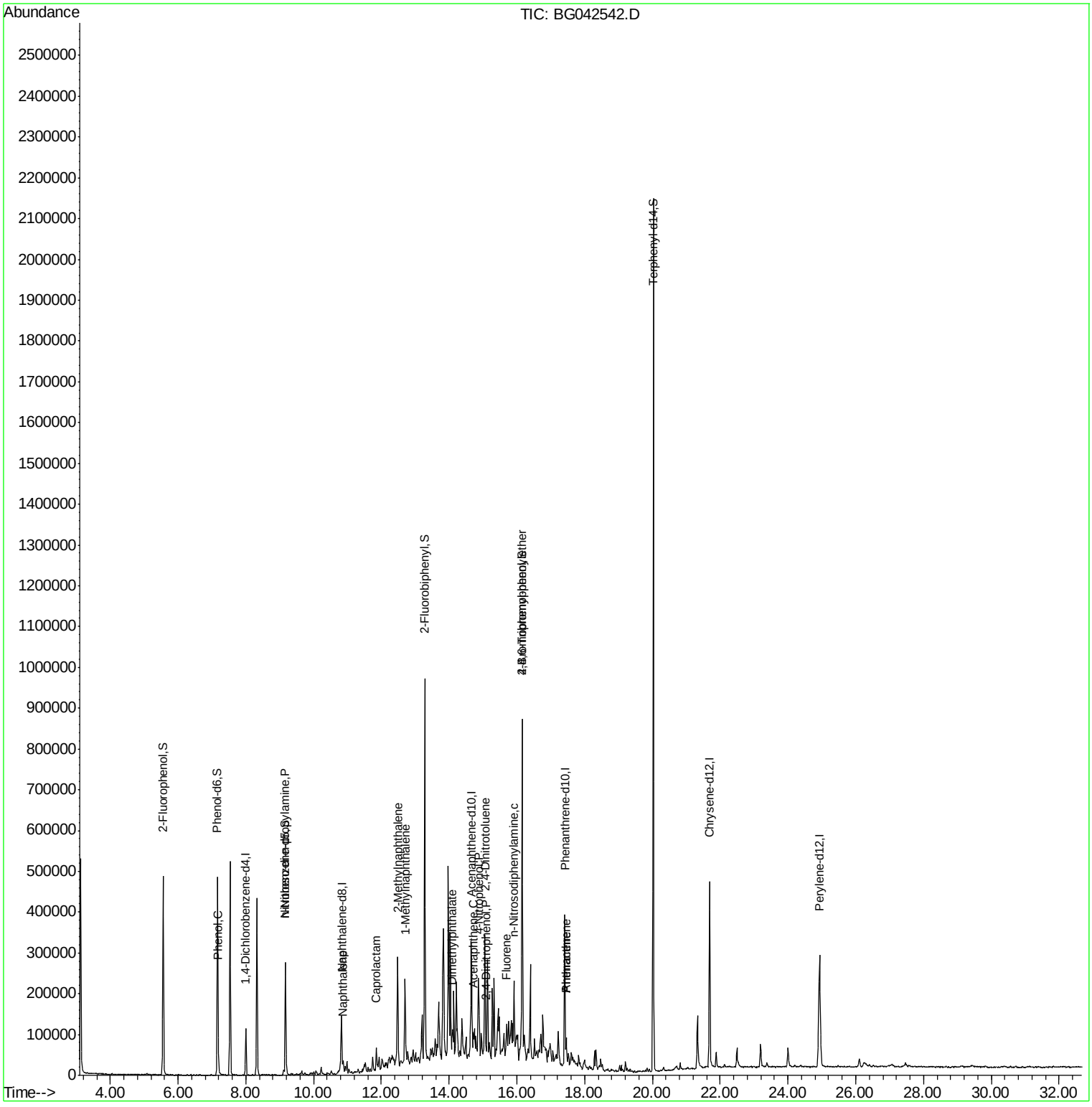
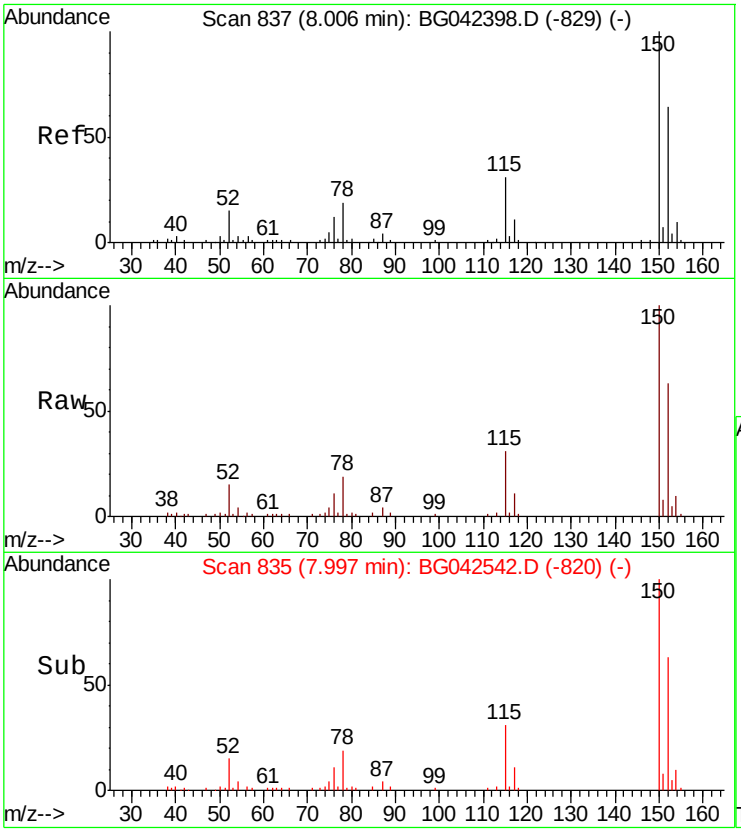


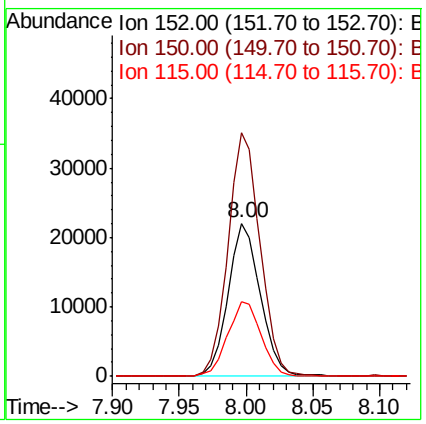


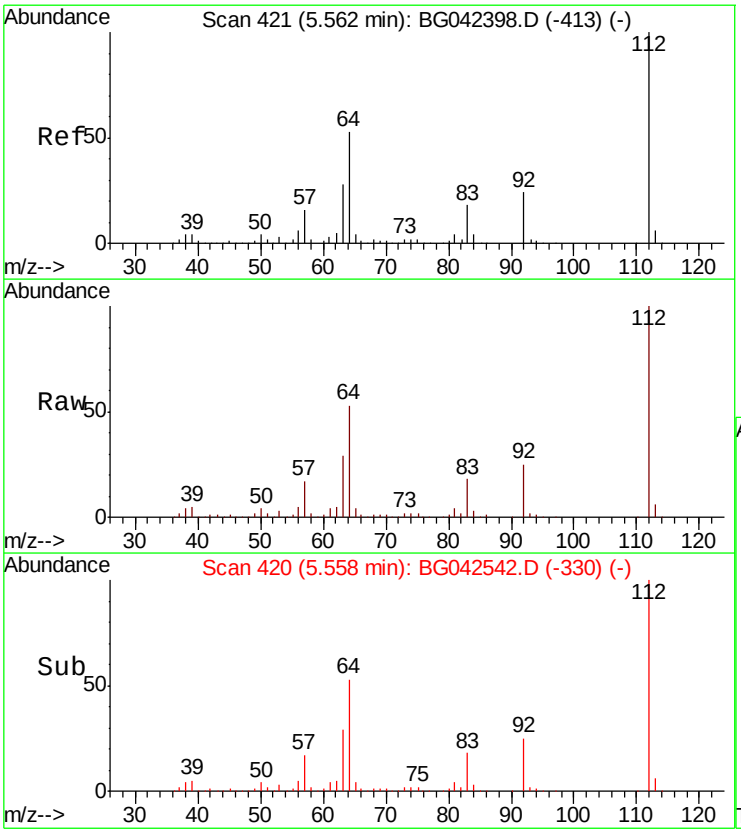
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 36904

Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.4	188.0
115	48.9	38.5	57.7

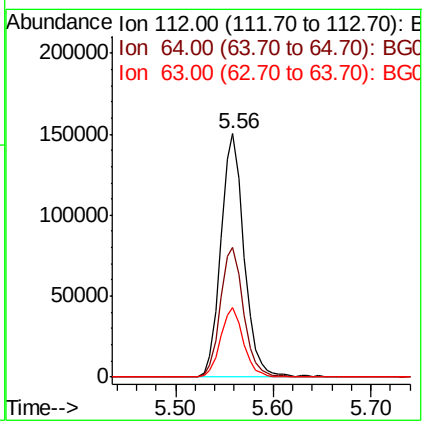


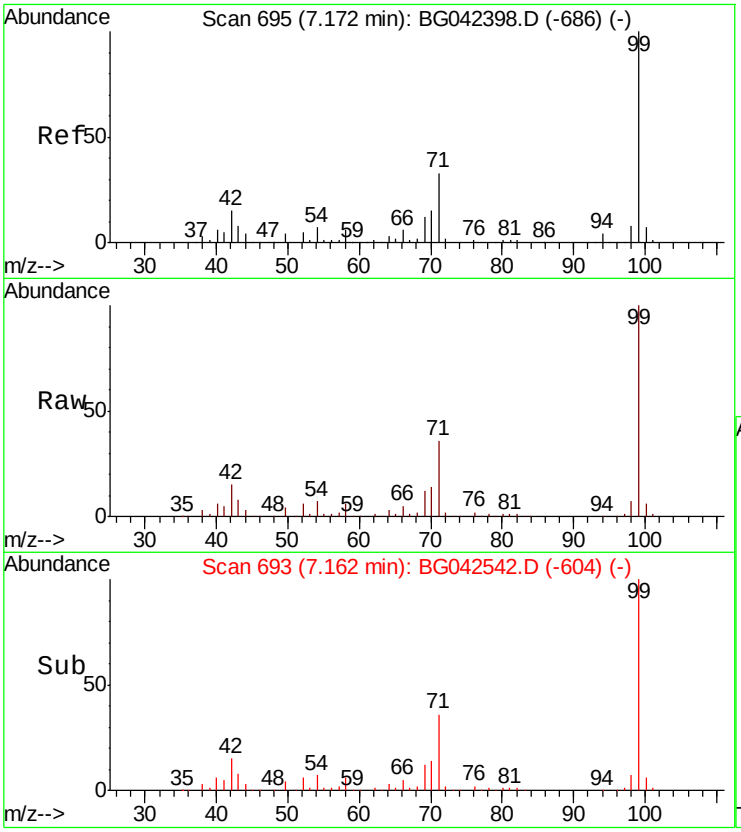


#5
2-Fluorophenol
Concen: 135.993 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:112 Resp: 247801

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.8	64.2
63	28.5	22.7	34.1



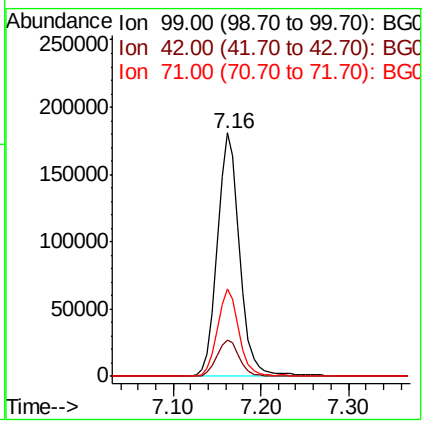


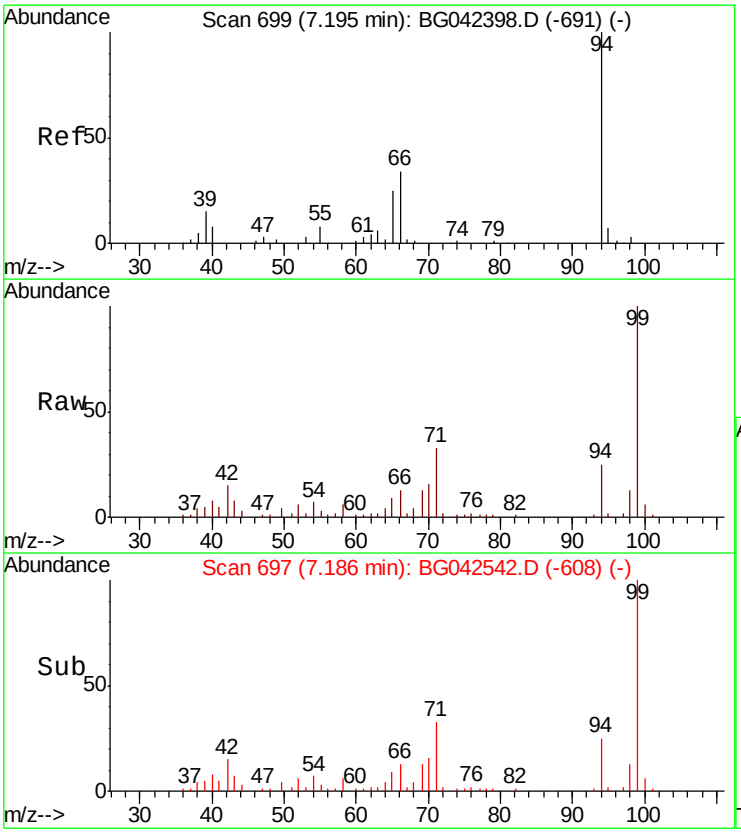
#7
Phenol-d6
Concen: 129.531 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 318817

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.0	18.0
71	35.9	26.3	39.5

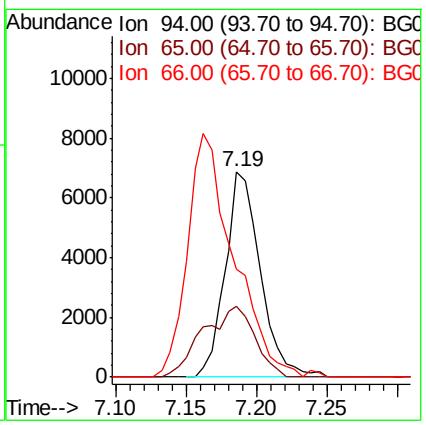


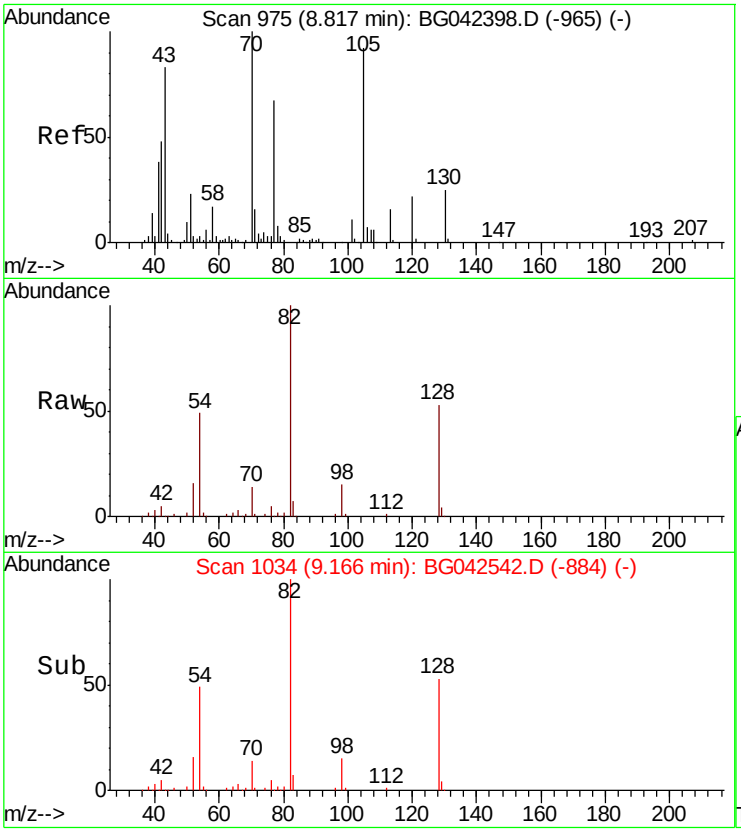


#10
Phenol
Concen: 4.753 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion: 94 Resp: 11894

Ion	Ratio	Lower	Upper
94	100		
65	34.7	5.6	45.6
66	52.6	16.0	56.0



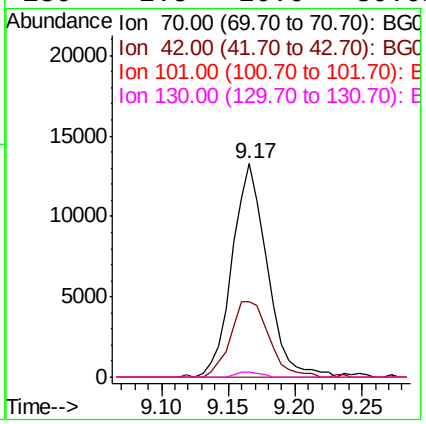


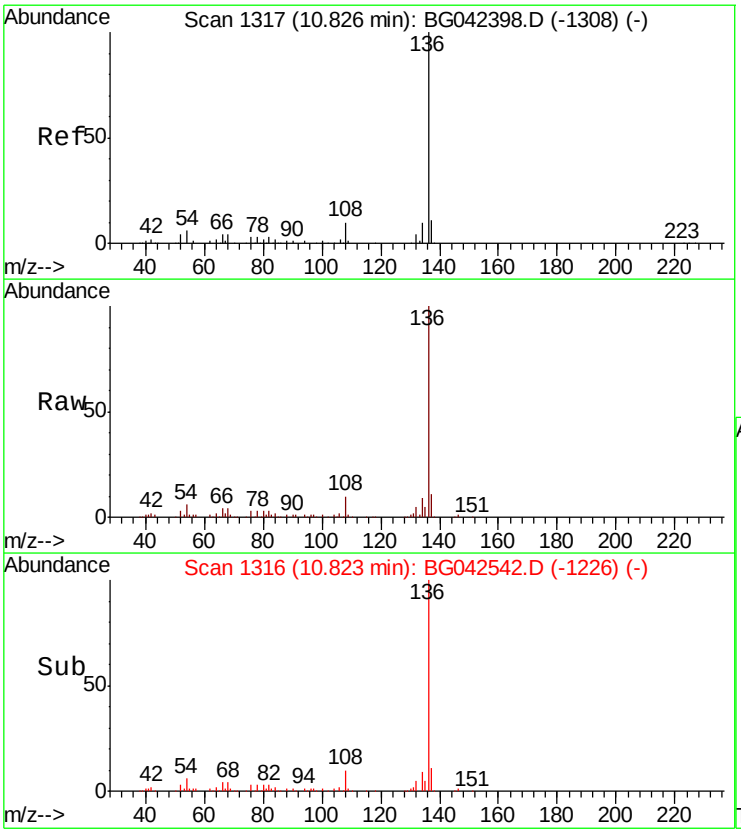
#19
n-Nitroso-di-n-propylamine
Concen: 15.111 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 24096

Ion	Ratio	Lower	Upper
70	100		
42	35.1	38.8	58.2#
101	0.0	9.0	13.6#
130	2.5	20.0	30.0#

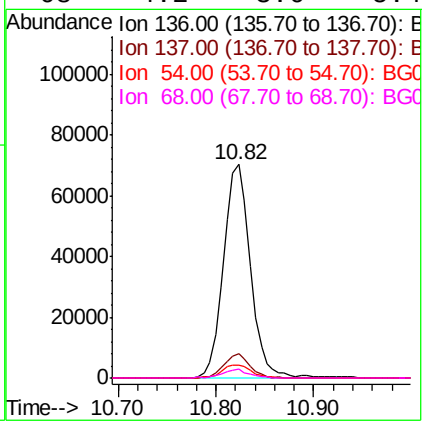


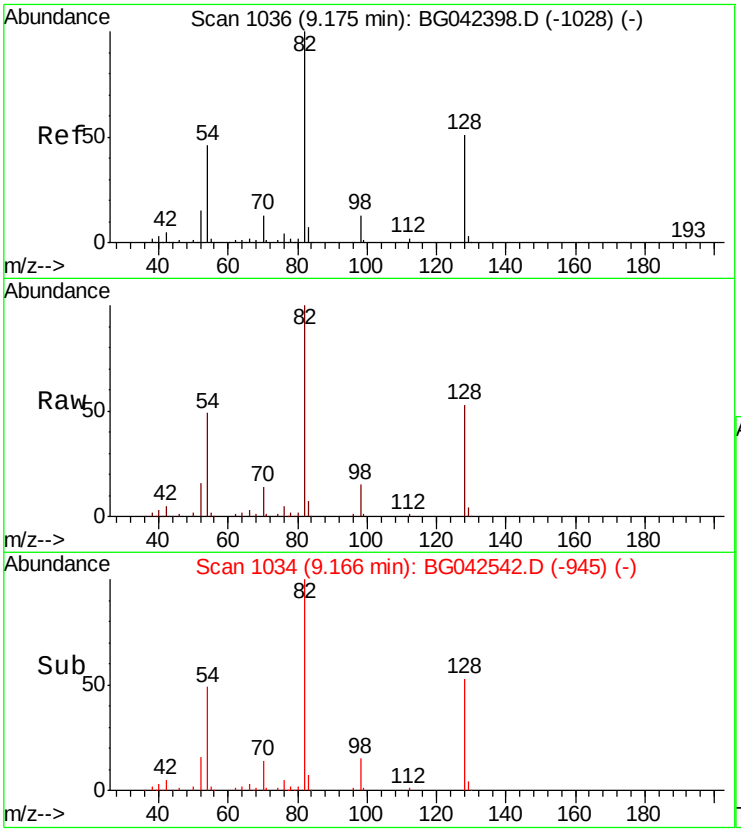


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:136 Resp: 134721

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.1	4.9	7.3
68	4.2	3.6	5.4



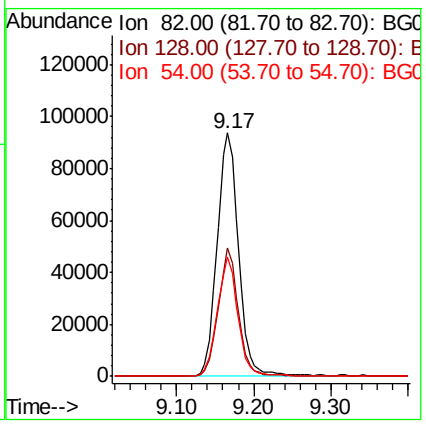


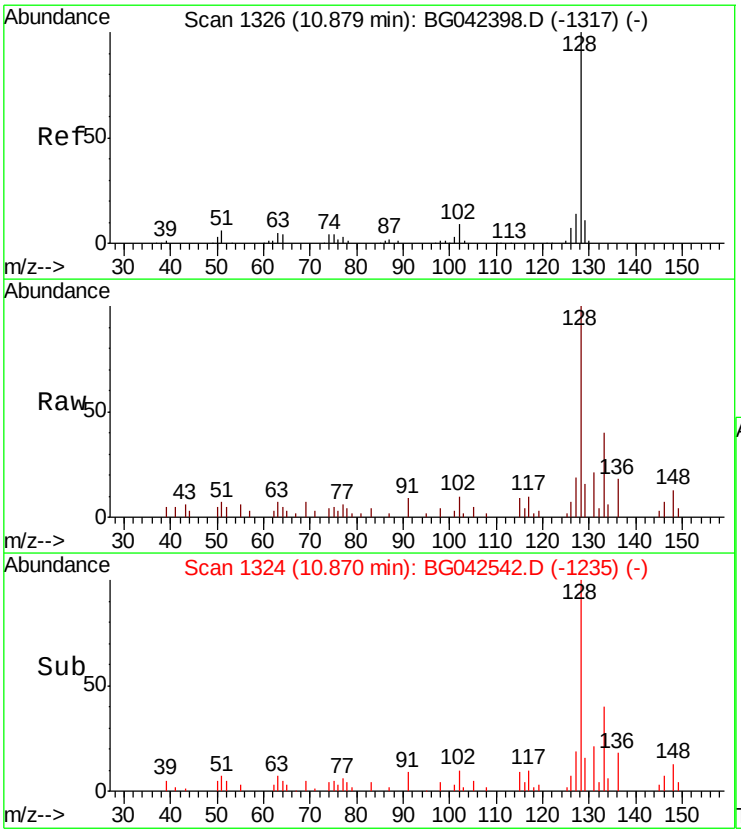
#23
Nitrobenzene-d5
Concen: 92.637 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 180599

Ion	Ratio	Lower	Upper
82	100		
128	52.7	40.7	61.1
54	49.0	36.3	54.5

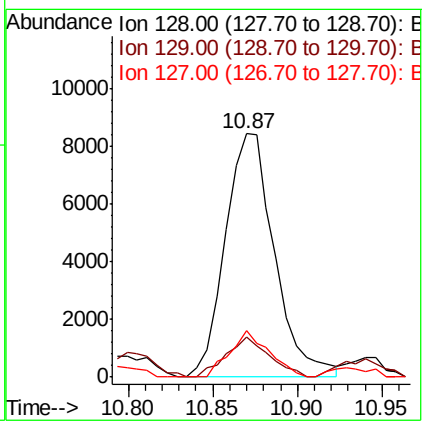


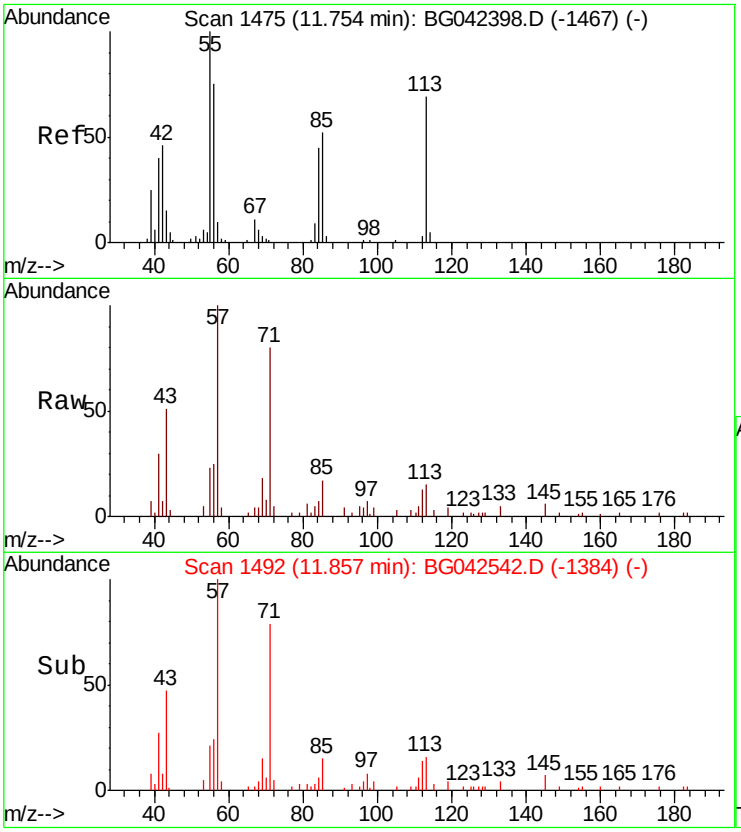


#31
Naphthalene
Concen: 2.730 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:128 Resp: 17074

Ion	Ratio	Lower	Upper
128	100		
129	16.5	8.8	13.2#
127	19.1	11.4	17.0#



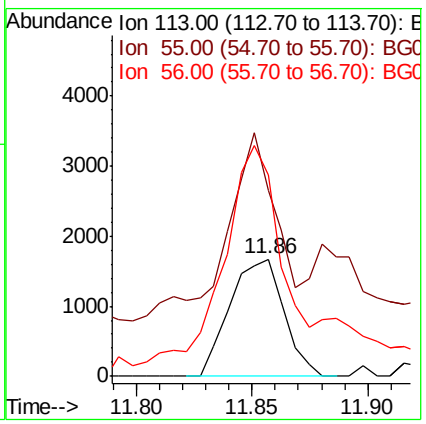


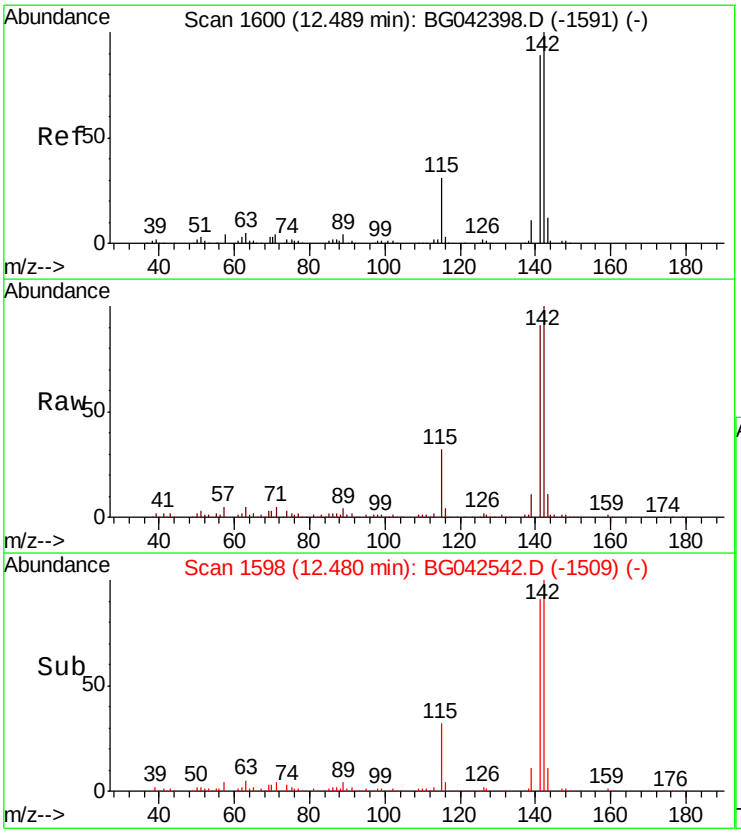
#35
Caprolactam
Concen: 3.649 ng
RT: 11.86 min Scan# 1492
Delta R.T. 0.10 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 2715

Ion	Ratio	Lower	Upper
113	100		
55	159.2	124.6	164.6
56	171.5	88.3	128.3#

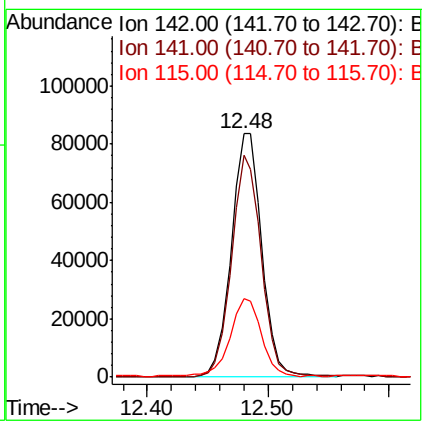


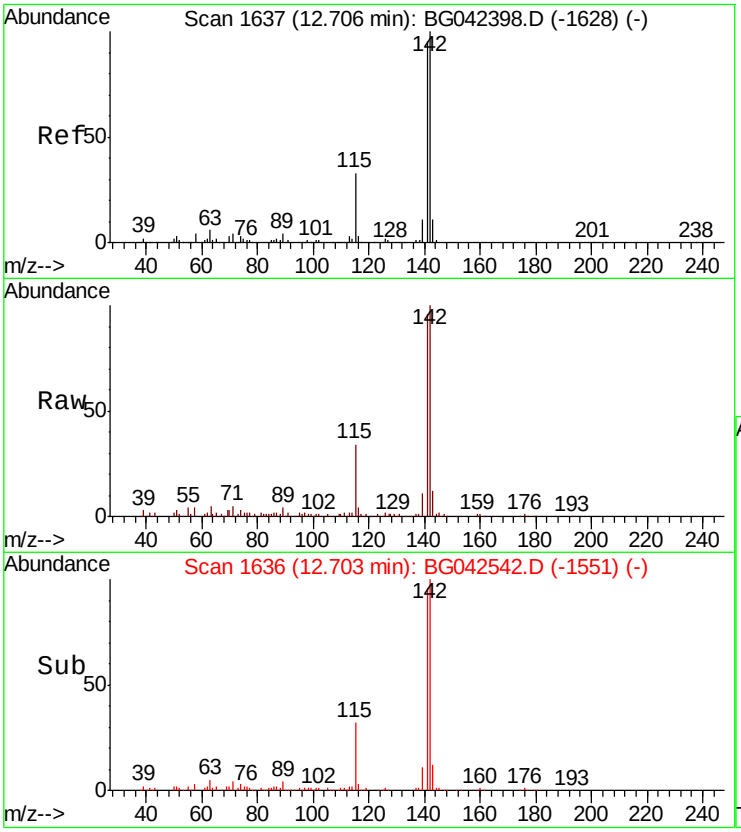


#37
2-Methylnaphthalene
Concen: 29.236 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:142 Resp: 146830

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.2
115	32.3	25.2	37.8



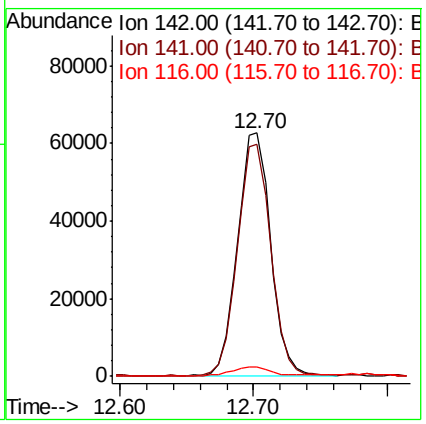


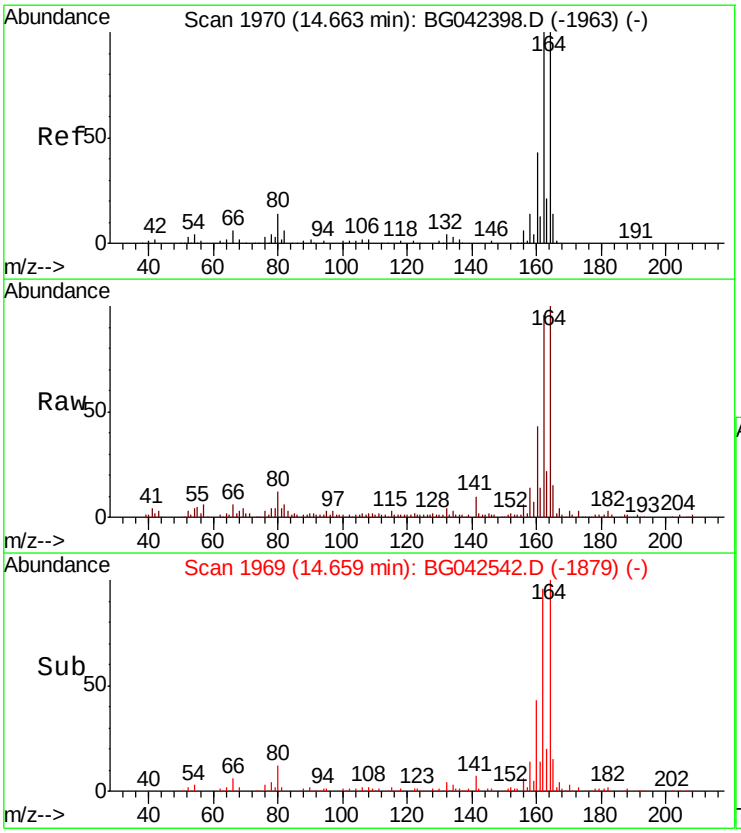
#38
1-Methylnaphthalene
Concen: 22.608 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 107854

Ion	Ratio	Lower	Upper
142	100		
141	95.6	76.2	114.2
116	3.9	2.8	4.2

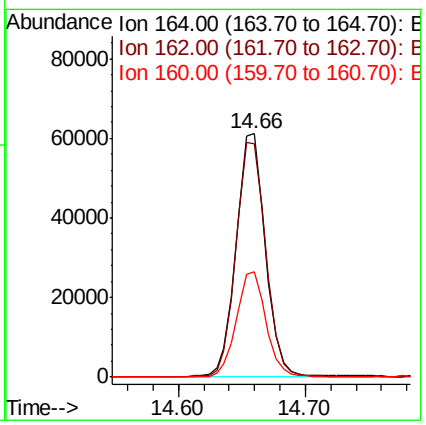


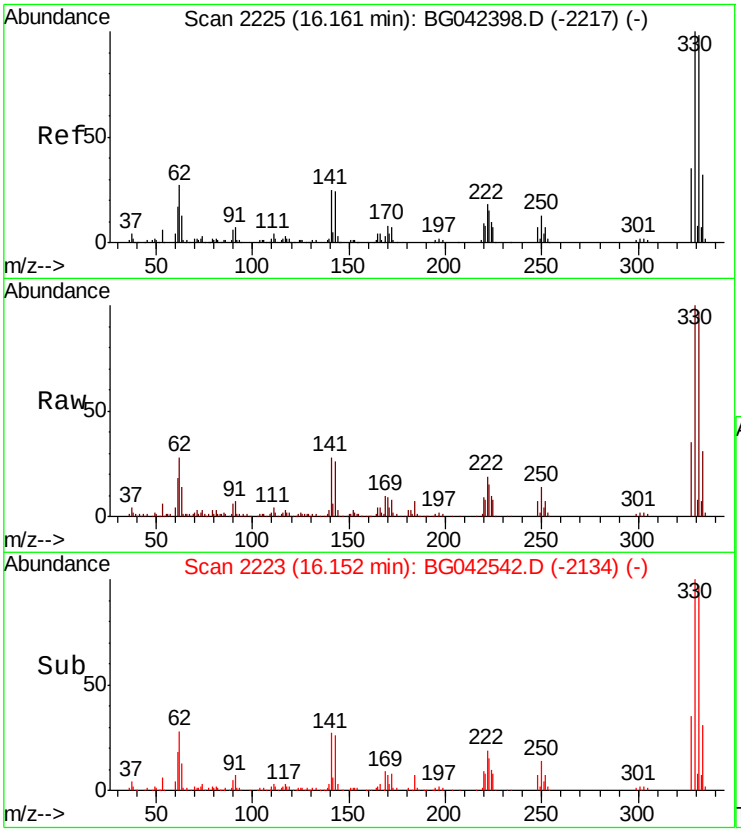


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:164 Resp: 98131

Ion	Ratio	Lower	Upper
164	100		
162	95.6	79.9	119.9
160	43.2	34.3	51.5



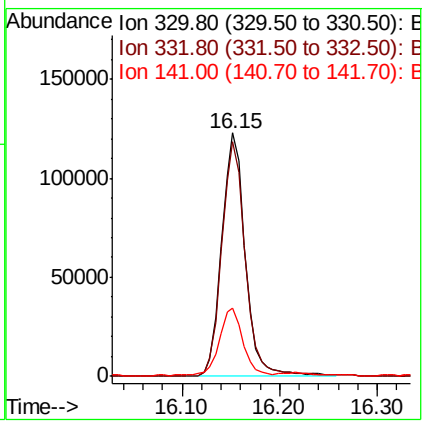


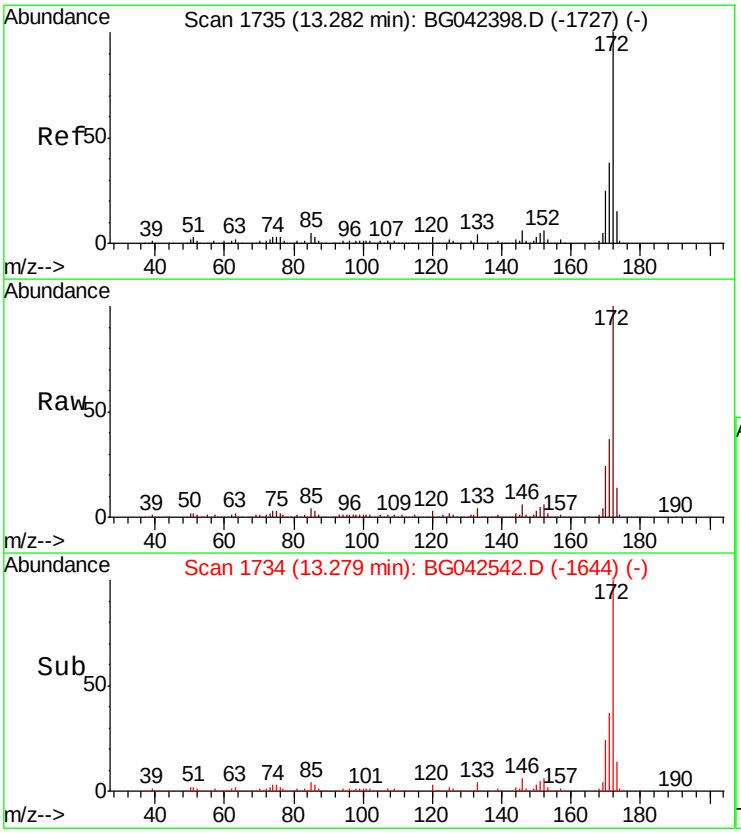
#42
2,4,6-Tribromophenol
Concen: 147.424 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 205623

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	27.1	21.4	32.0

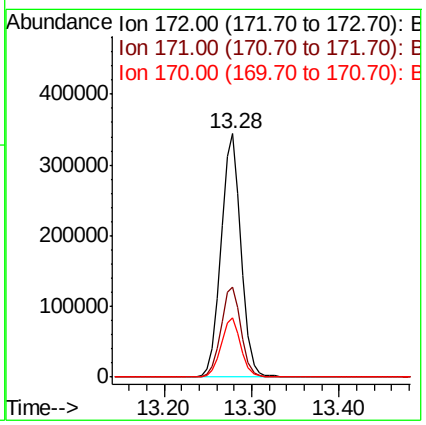


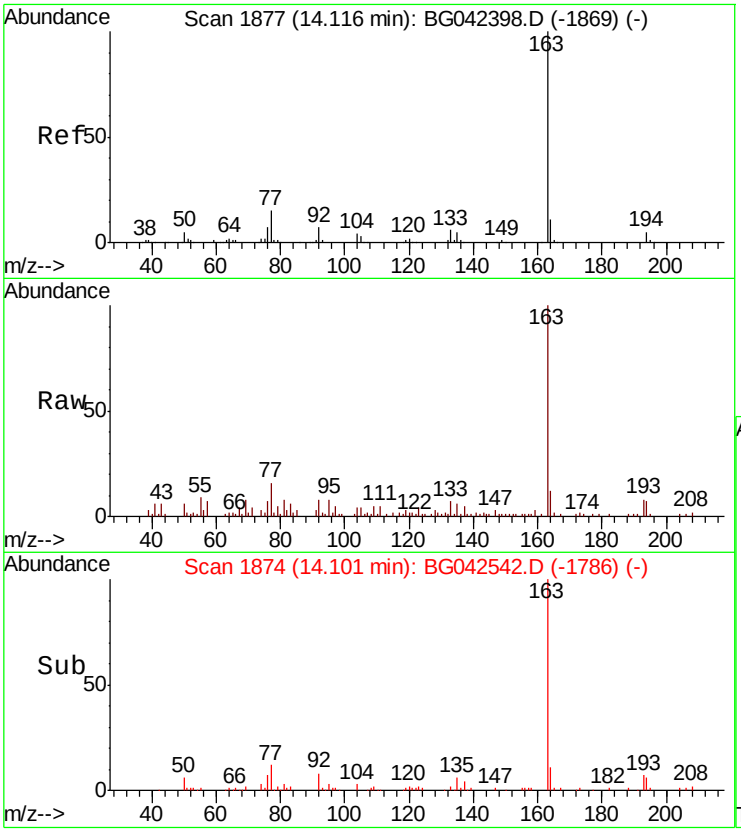


#45
2-Fluorobiphenyl
Concen: 93.268 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:172 Resp: 541157

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.2	20.2	30.2



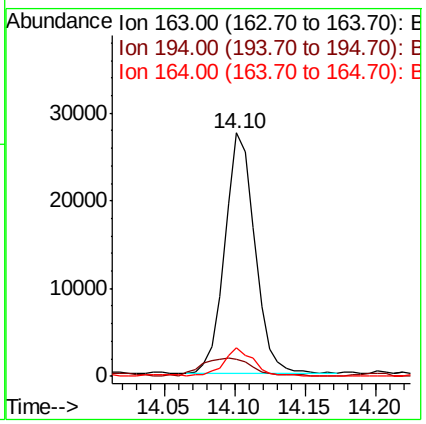


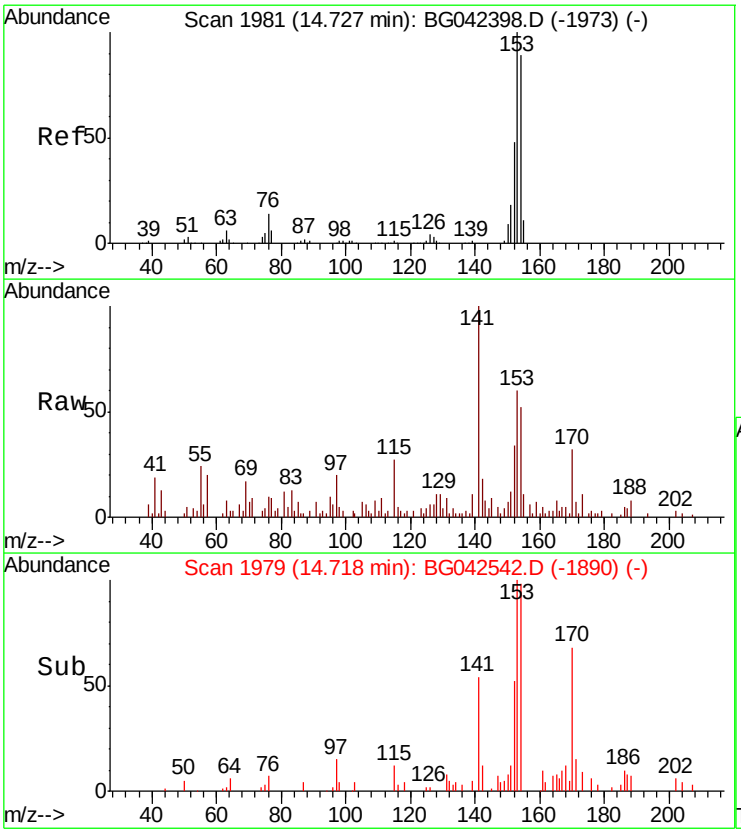
#50
Dimethylphthalate
Concen: 5.777 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 40906

Ion	Ratio	Lower	Upper
163	100		
194	7.0	4.2	6.2#
164	11.5	8.8	13.2

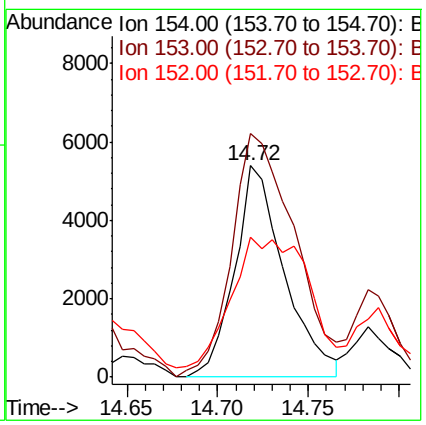


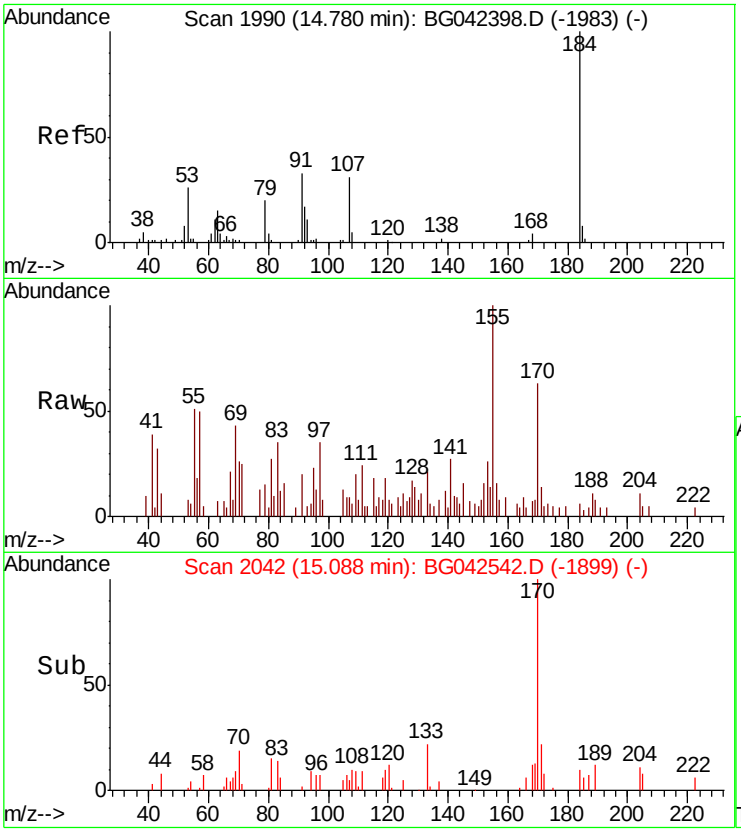


#52
Acenaphthene
Concen: 2.061 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:154 Resp: 10300

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.2	135.4
152	65.9	43.2	64.8#



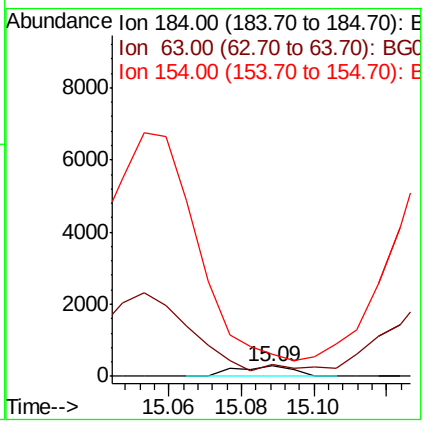


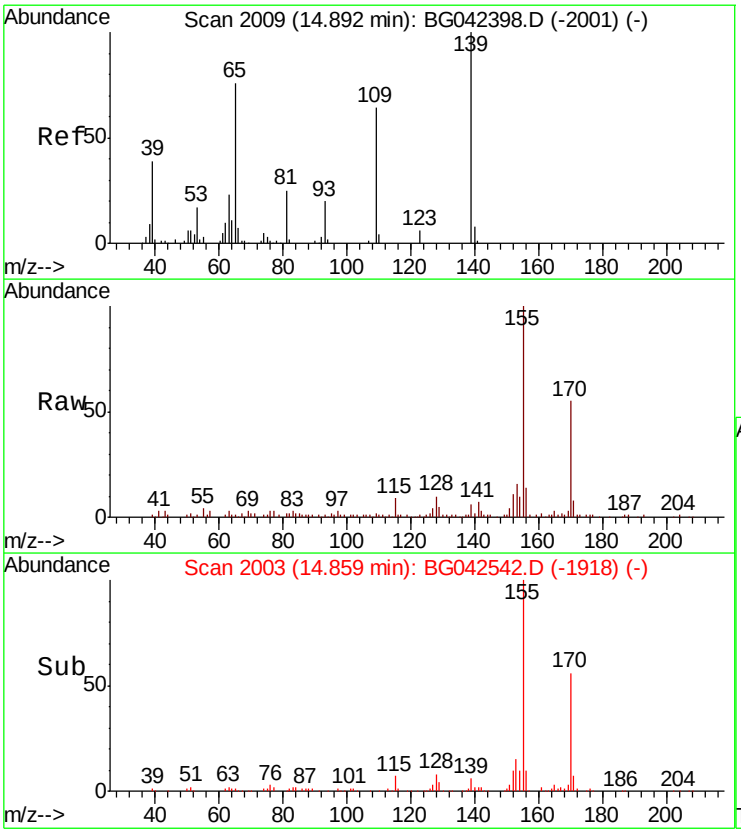
#54
2,4-Dinitrophenol
Concen: 6.518 ng
RT: 15.09 min Scan# 2042
Delta R.T. 0.31 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 308

Ion	Ratio	Lower	Upper
184	100		
63	109.0	31.7	47.5#
154	215.3	42.0	63.0#

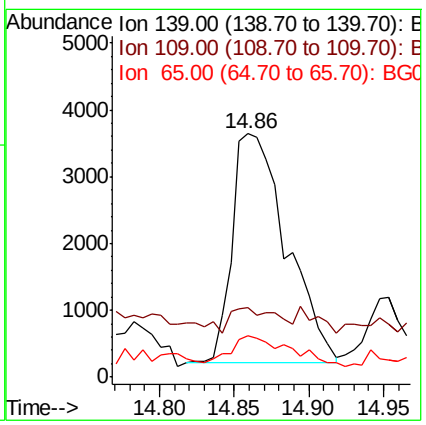


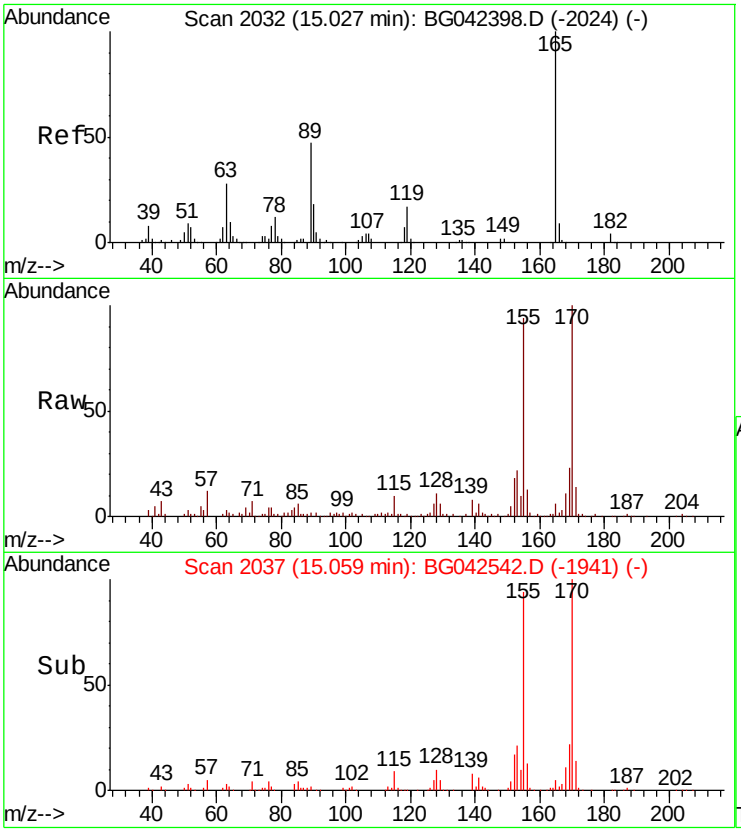


#56
4-Nitrophenol
Concen: 7.444 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:139 Resp: 8682

Ion	Ratio	Lower	Upper
139	100		
109	28.5	43.9	83.9#
65	17.0	56.3	96.3#



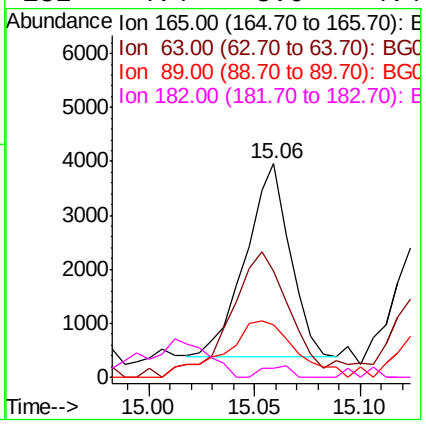


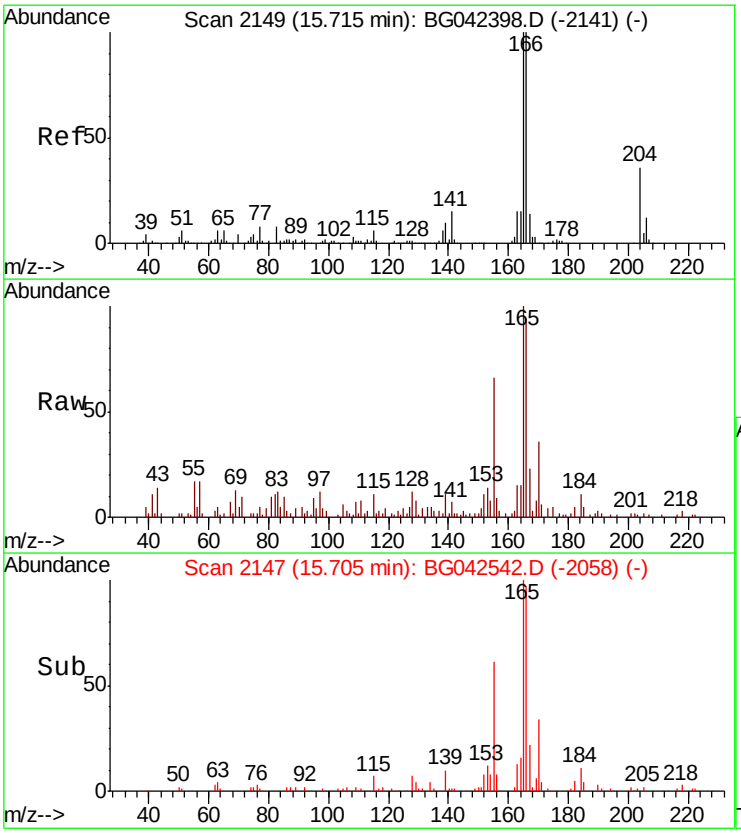
#57
2,4-Dinitrotoluene
Concen: 2.216 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.03 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 5209

Ion	Ratio	Lower	Upper
165	100		
63	49.7	22.5	33.7#
89	24.7	37.8	56.6#
182	4.4	3.0	4.4

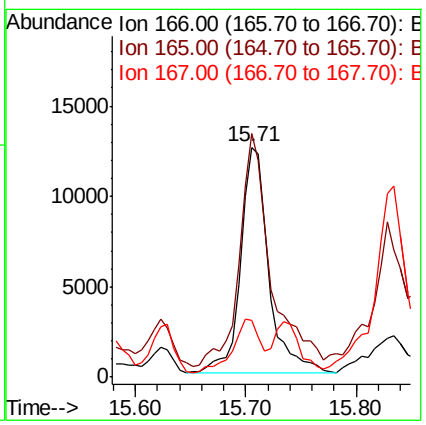


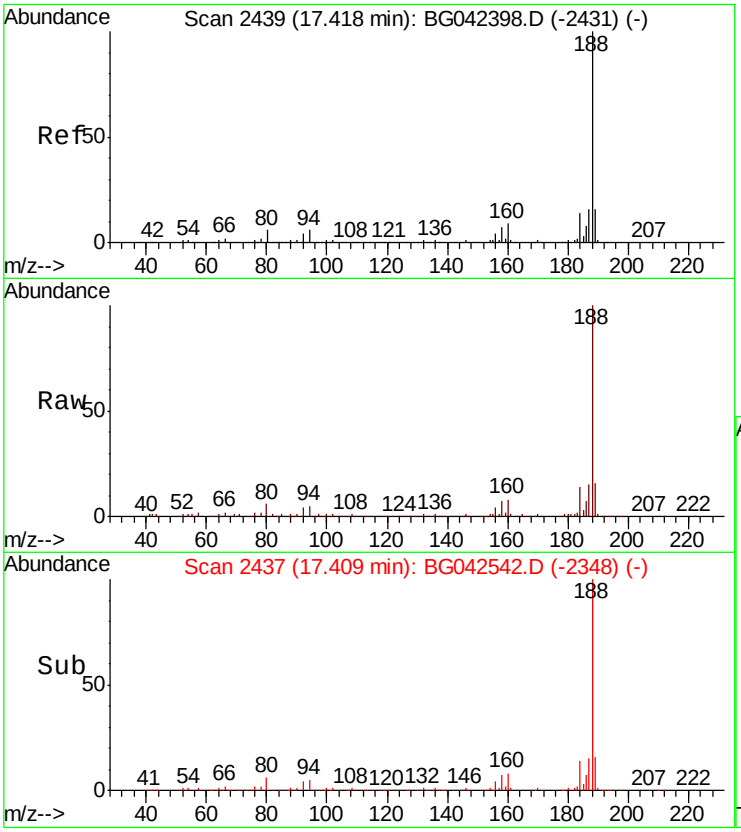


#58
Fluorene
Concen: 3.311 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:166 Resp: 22384

Ion	Ratio	Lower	Upper
166	100		
165	106.0	79.7	119.5
167	24.7	10.9	16.3#



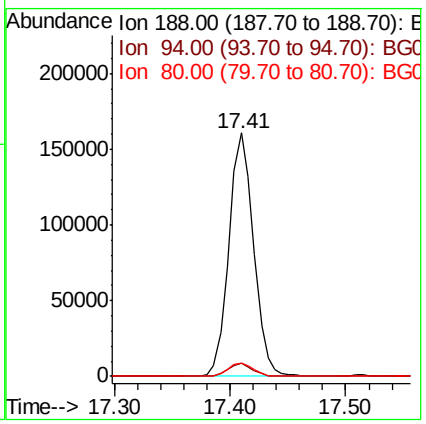


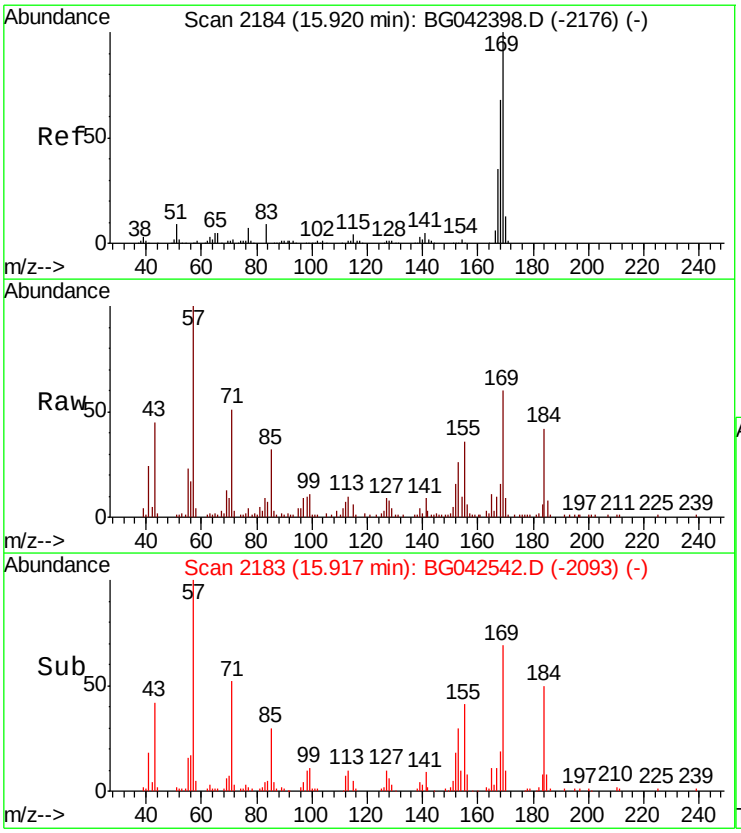
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 237967

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.5	6.7
80	5.6	4.9	7.3

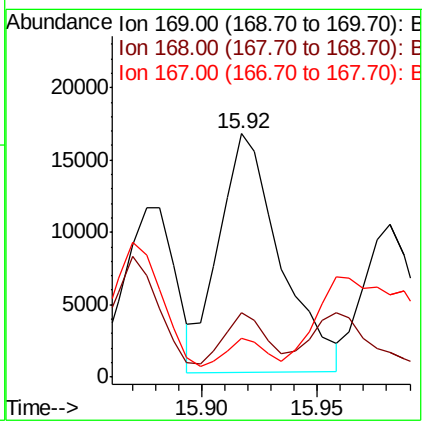


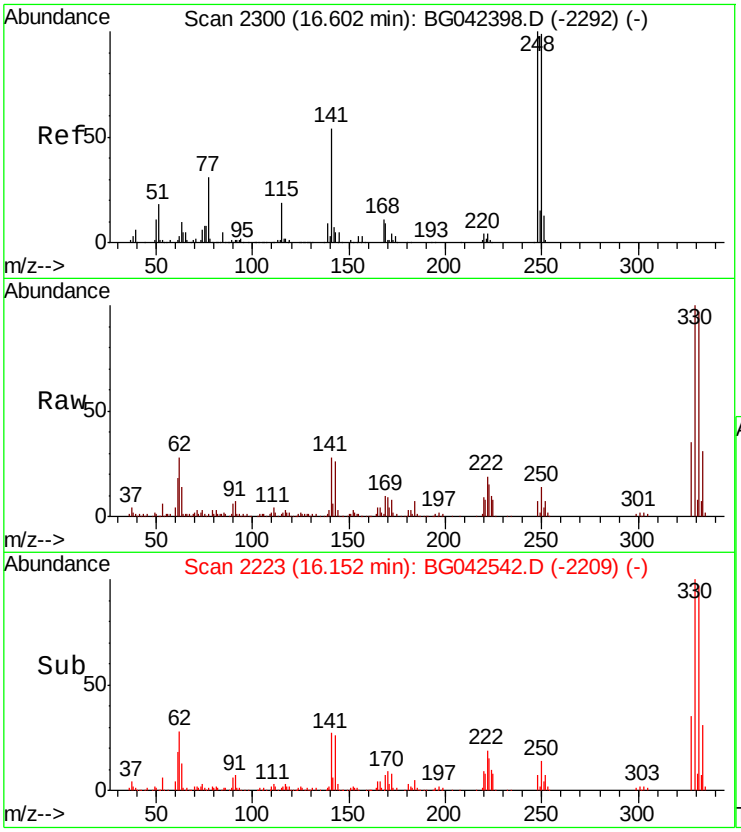


#66
n-Nitrosodiphenylamine
Concen: 4.648 ng
RT: 15.92 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:169 Resp: 30420

Ion	Ratio	Lower	Upper
169	100		
168	26.4	54.3	81.5#
167	16.2	28.2	42.2#



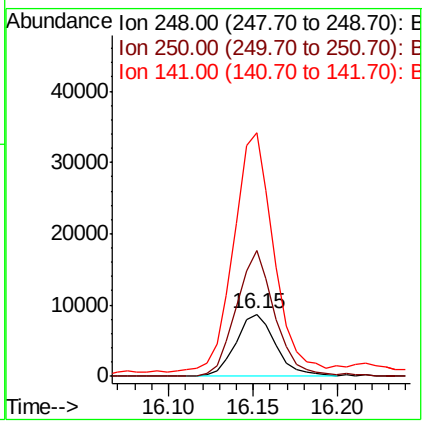


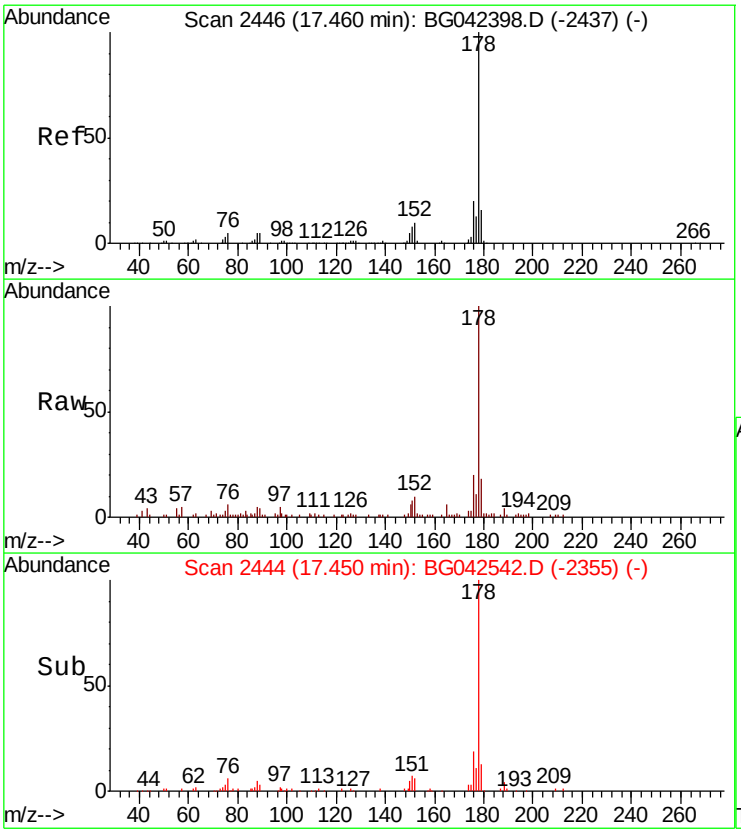
#67
4-Bromophenyl-phenylether
Concen: 4.692 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14163

Ion	Ratio	Lower	Upper
248	100		
250	200.9	78.9	118.3#
141	390.5	43.3	64.9#

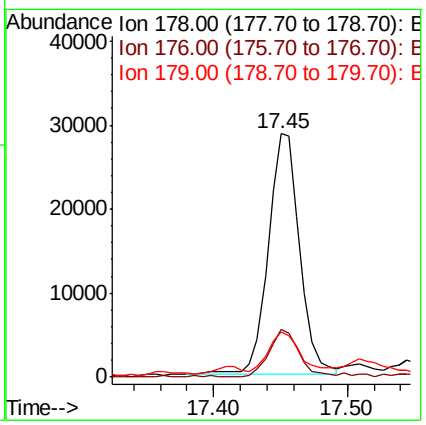


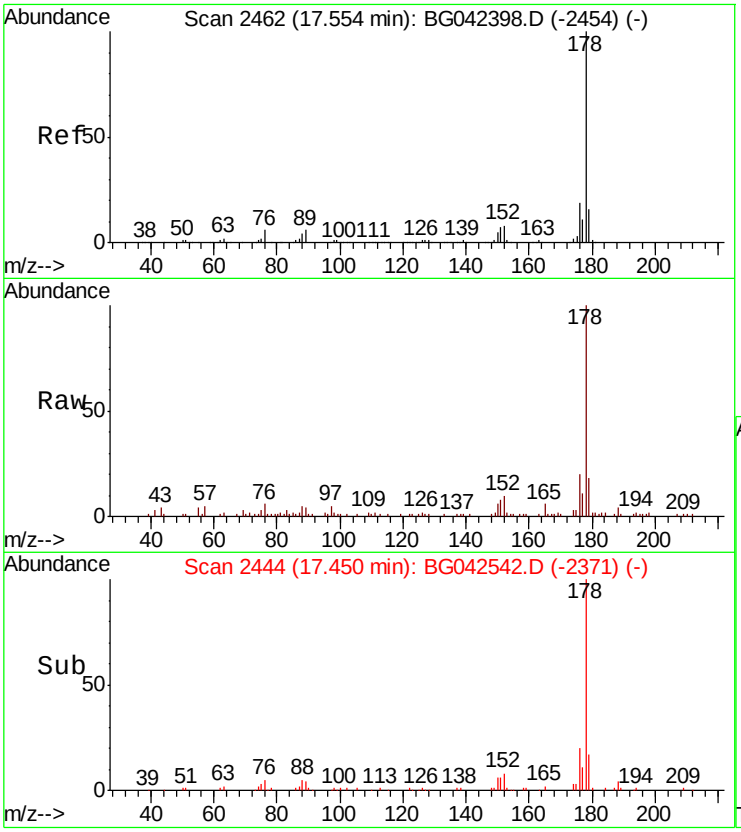


#71
Phenanthrene
Concen: 3.971 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:178 Resp: 46939

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	18.3	12.7	19.1



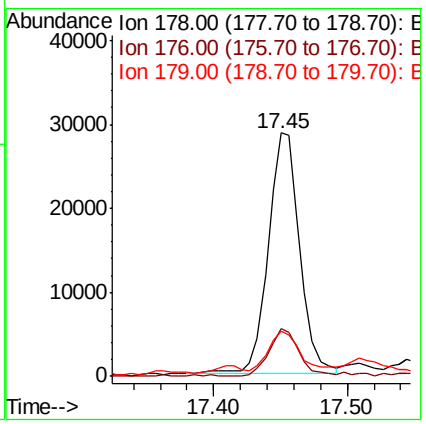


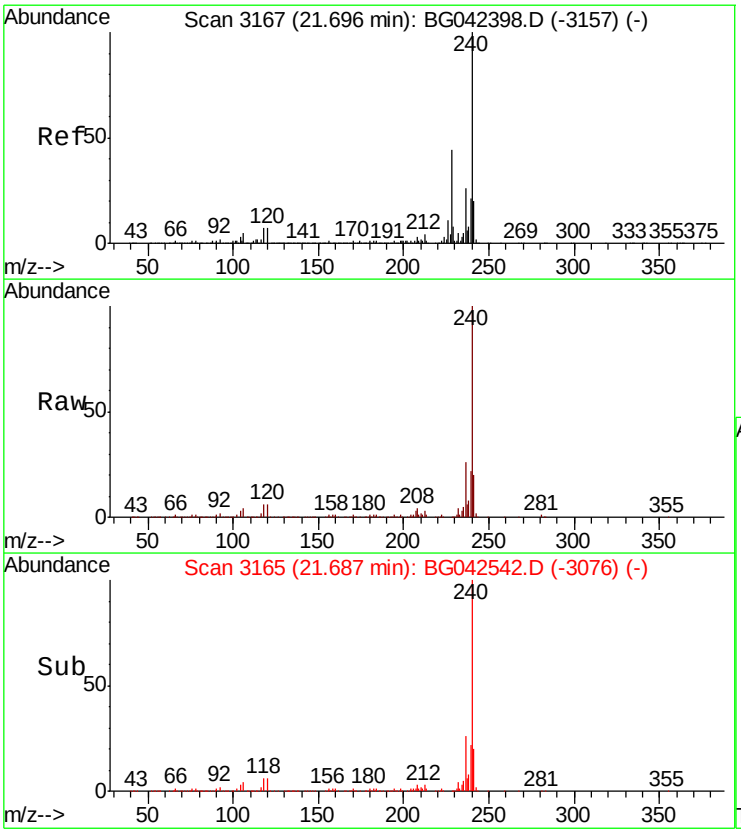
#72
Anthracene
Concen: 3.978 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.10 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 46939

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	18.3	12.9	19.3

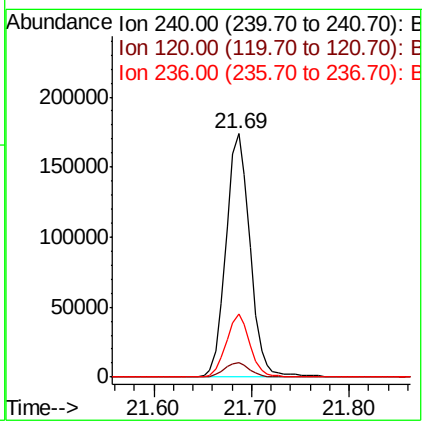


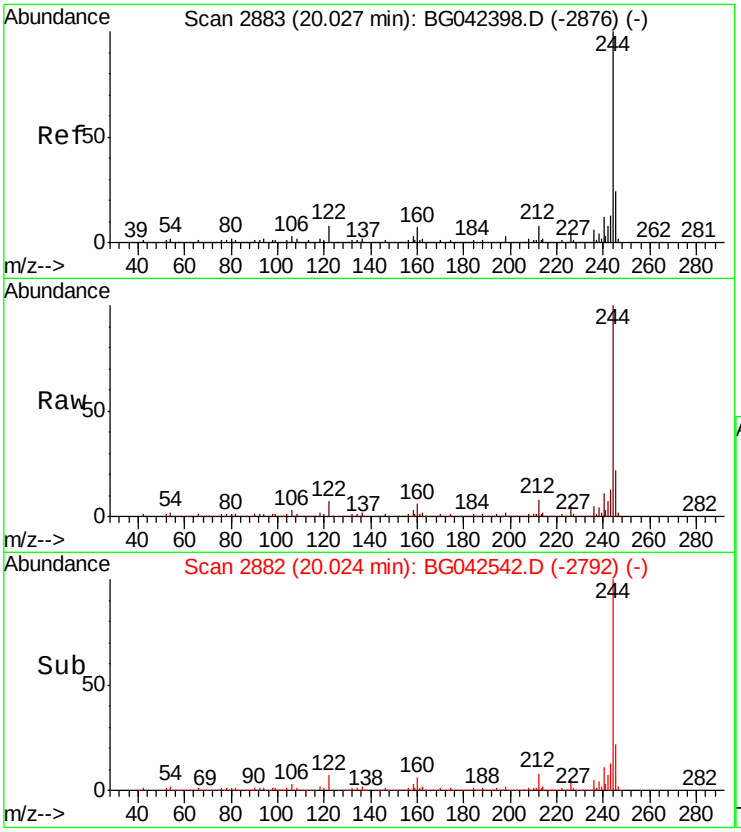


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:240 Resp: 298080

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	26.1	21.0	31.4



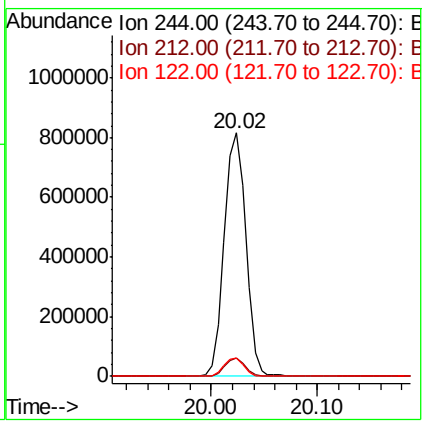


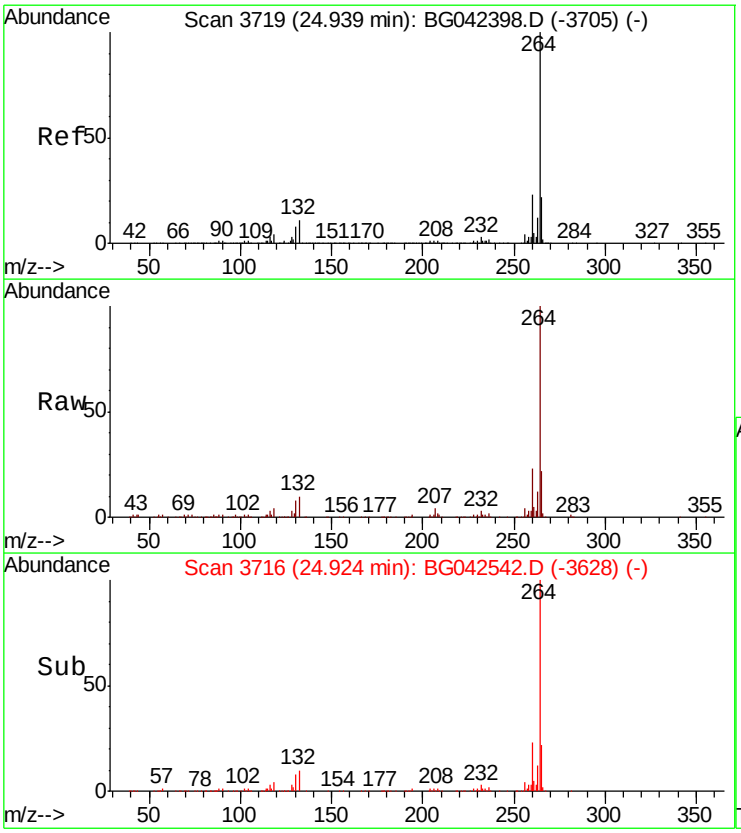
#79
Terphenyl-d14
Concen: 83.838 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1155942

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	7.3	6.7	10.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042542.D
Acq: 28 Aug 2019 21:14

Tgt Ion:264 Resp: 356320

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.0	17.6	26.4