Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
Data File : BG043802.D
Acq On : 11 Dec 2019 19:28
Operator : JU
Sample : K6242-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-COMP

Quant Time: Dec 12 02:20:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	122677	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	522787	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	364512	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	885779	20.00	ng	0.00
76) Chrysene-d12	21.62	240	831156	20.00	ng	0.00
87) Perylene-d12	24.78	264	921721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	764454	118.07	ng	0.00
7) Phenol-d6	7.16	99	1122970	120.26	ng	0.00
23) Nitrobenzene-d5	9.15	82	648408	69.64	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	409243	117.77	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1536220	74.03	ng	0.00
79) Terphenyl-d14	19.98	244	2529611	73.22	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.16	77	2177	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	9.15	70	84830	11.883	ng	# 75
26) 2-Nitrophenol	9.62	139	66	8.362	ng	# 34
32) Benzoic acid	10.09	122	58	5.660	ng	# 22
50) Dimethylphthalate	14.08	163	146675	5.638	ng	96
57) 2,4-Dinitrotoluene	14.62	165	48048	6.342	ng	# 25
65) 4,6-Dinitro-2-methylphenol	15.67	198	80	9.519	ng	# 37
67) 4-Bromophenyl-phenylether	16.11	248	32019	3.381	ng	# 1
77) Benzidine	19.98	184	51861	2.860	ng	# 89

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

Quantitation Report (Not Reviewed)

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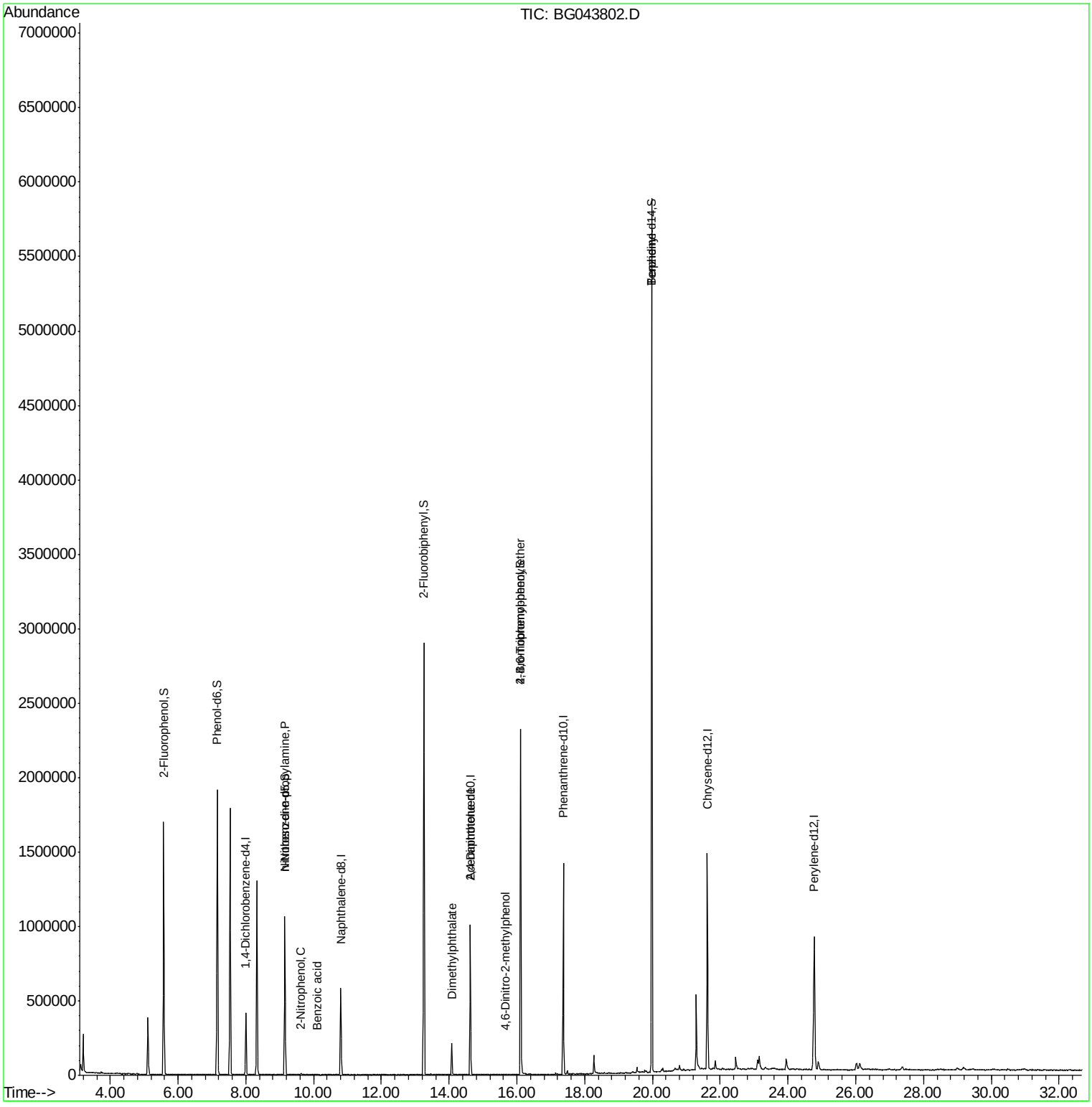
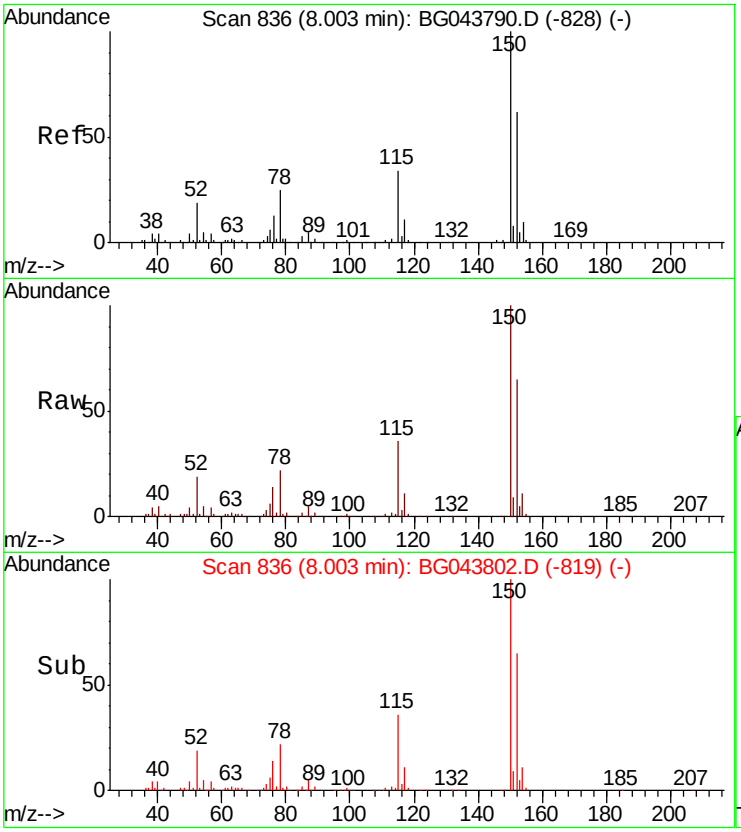


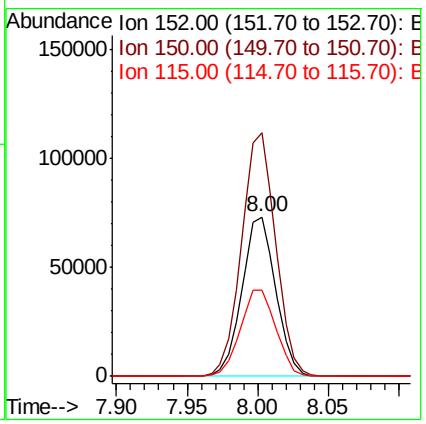


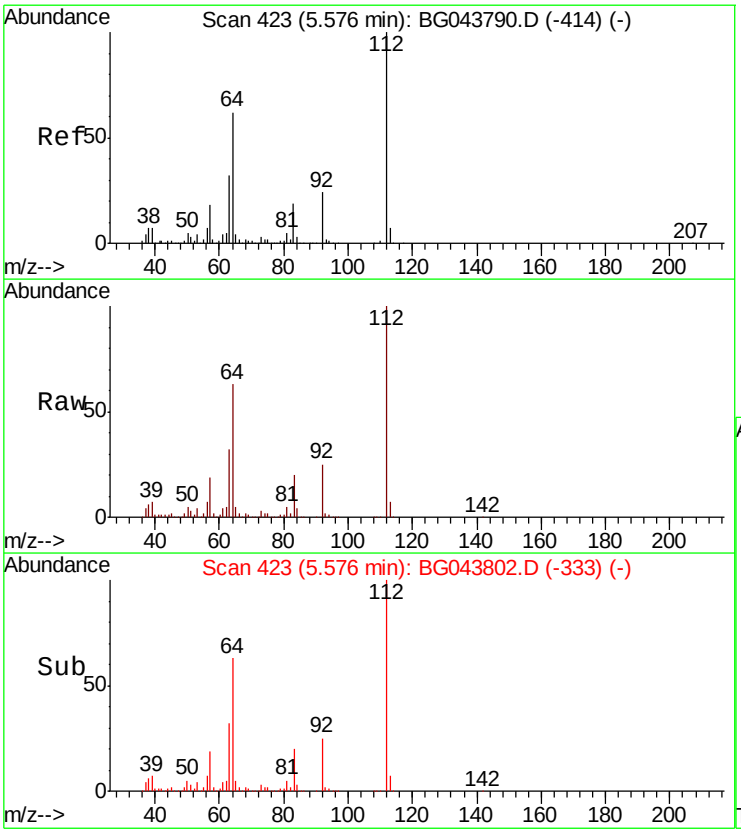
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:152 Resp: 122677

Ion	Ratio	Lower	Upper
152	100		
150	152.9	128.6	192.8
115	54.3	44.3	66.5

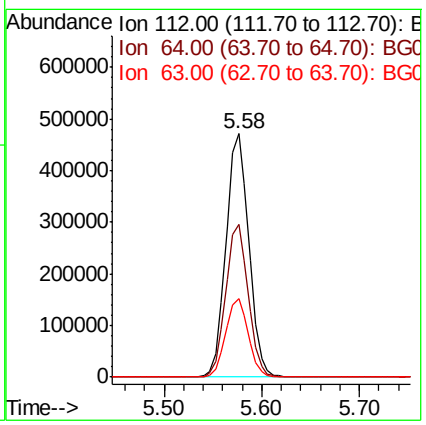


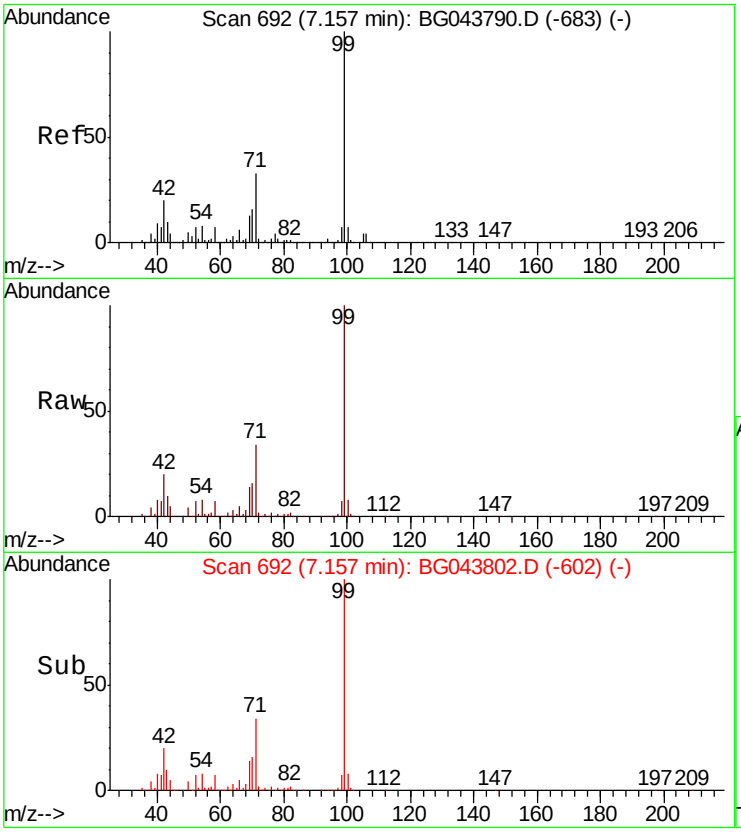


#5
2-Fluorophenol
Concen: 118.069 ng
RT: 5.58 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion:112 Resp: 764454

Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.9	74.9
63	32.2	26.0	39.0



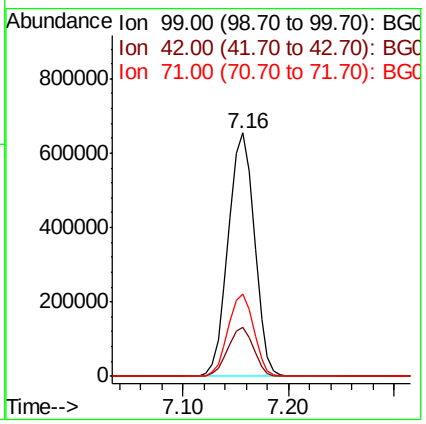


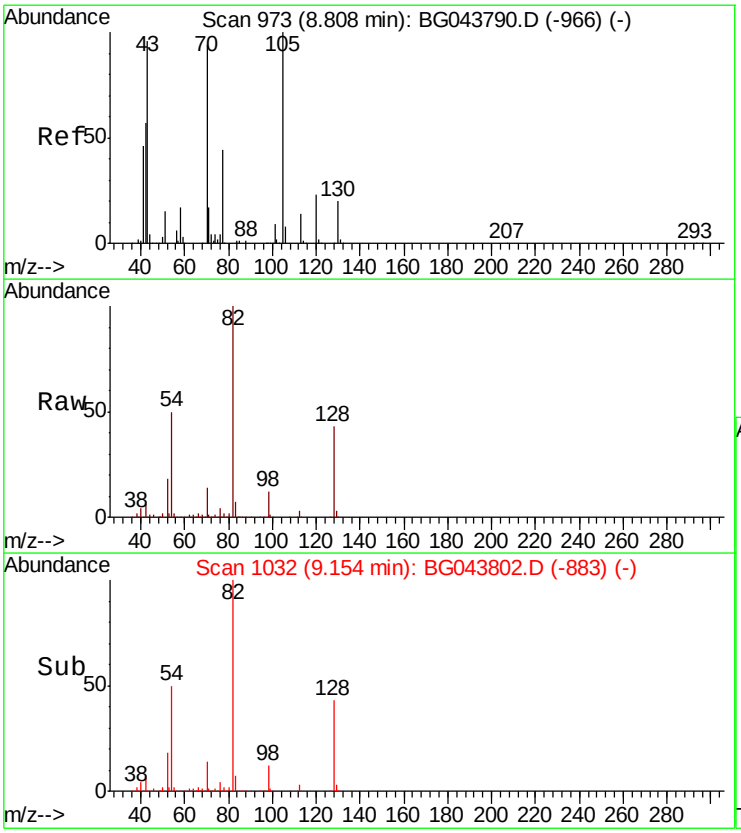
#7
Phenol-d6
Concen: 120.262 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.00 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion: 99 Resp: 1122970

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.2
71	33.6	26.6	40.0

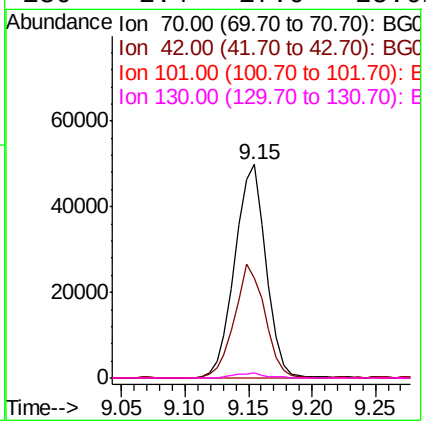


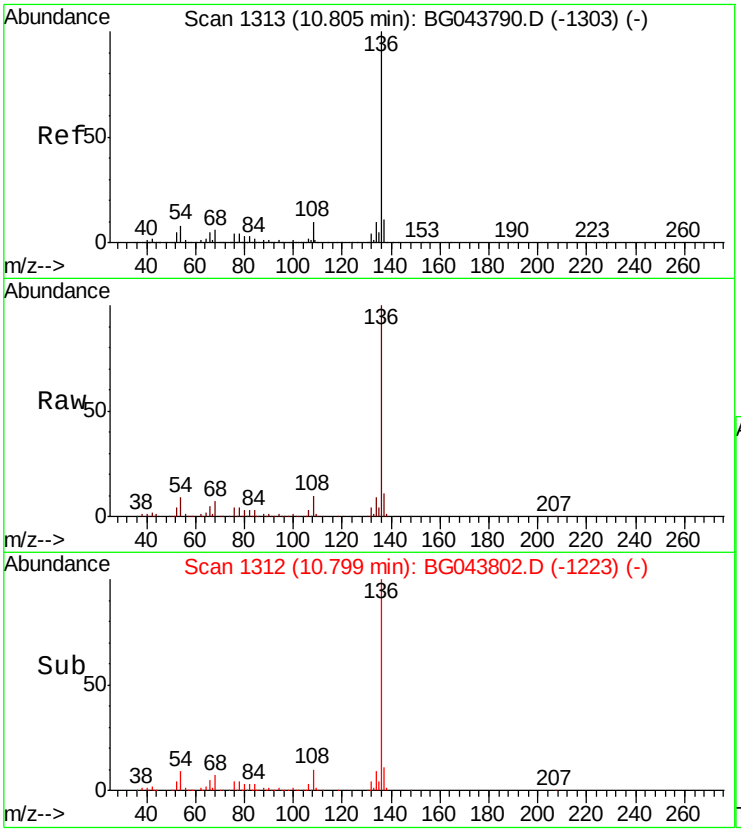


#19
n-Nitroso-di-n-propylamine
Concen: 11.883 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.35 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion: 70 Resp: 84830

Ion	Ratio	Lower	Upper
70	100		
42	46.5	49.2	73.8#
101	0.0	7.8	11.6#
130	2.4	17.0	25.6#



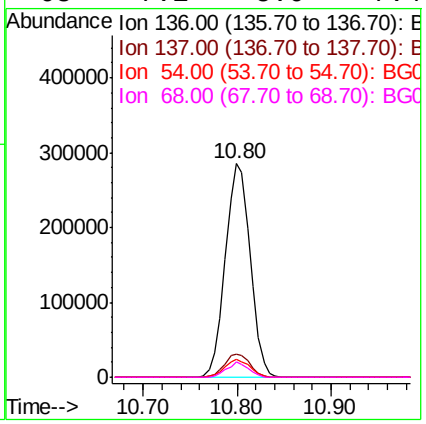


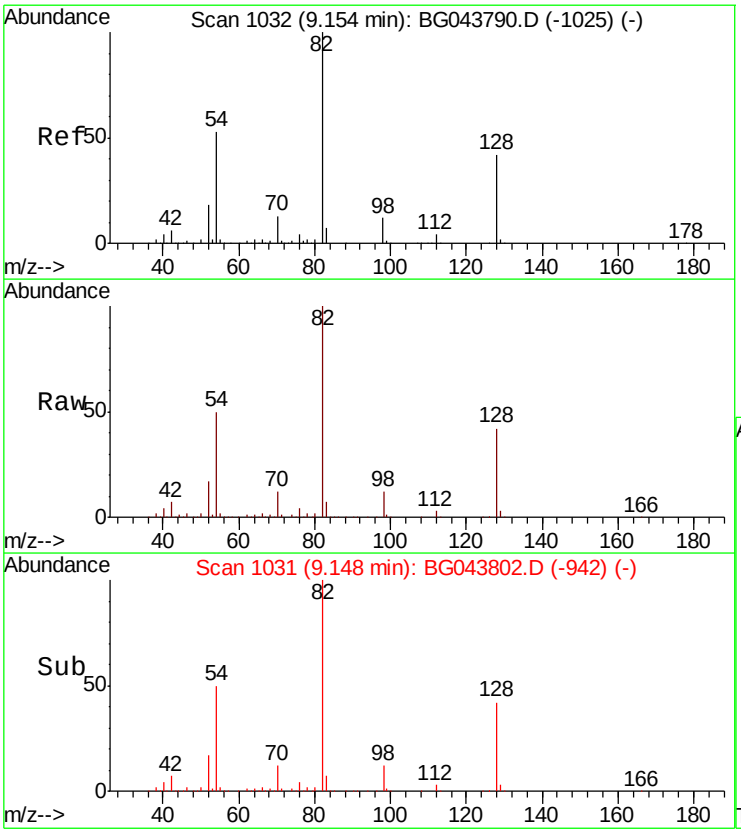
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:136 Resp: 522787

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.7	6.8	10.2
68	7.1	5.0	7.4

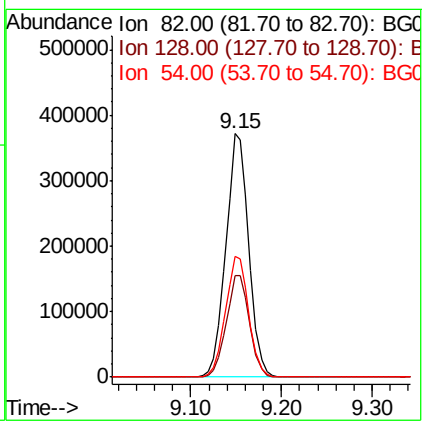


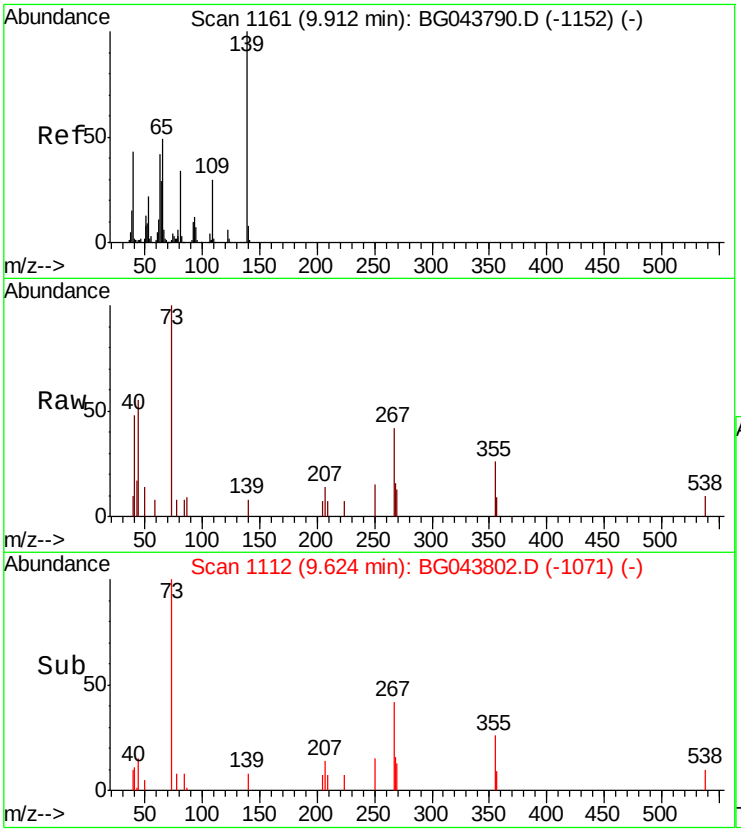


#23
Nitrobenzene-d5
Concen: 69.639 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion: 82 Resp: 648408

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.6	50.4
54	49.8	42.1	63.1



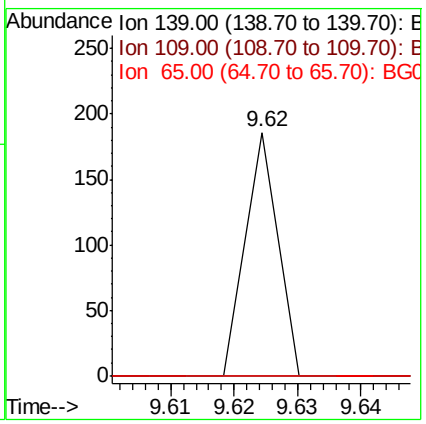


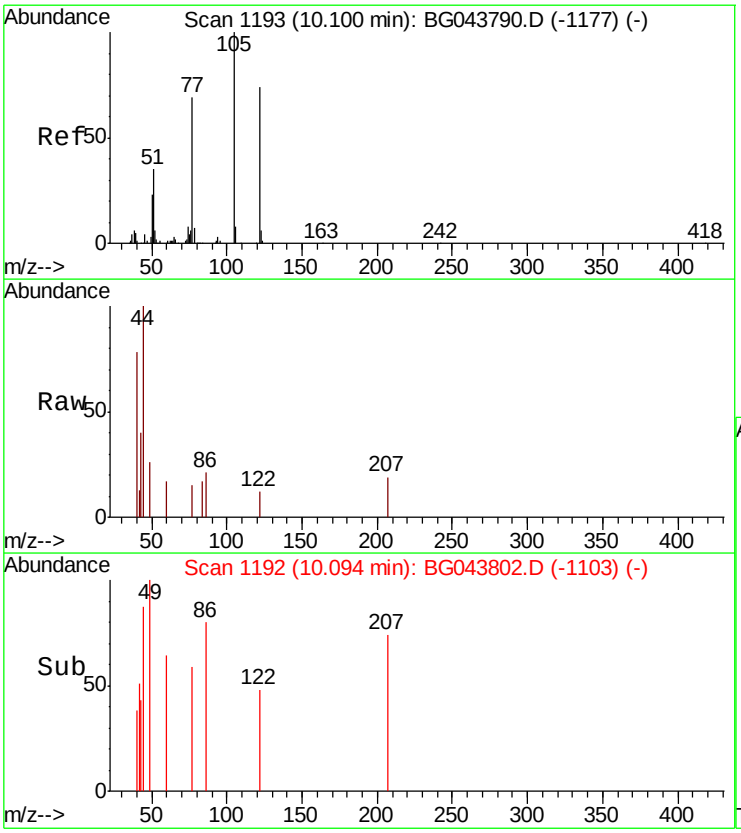
#26
2-Nitrophenol
Concen: 8.362 ng
RT: 9.62 min Scan# 1112
Delta R.T. -0.29 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:139 Resp: 66

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.9	35.9#
65	0.0	39.3	58.9#

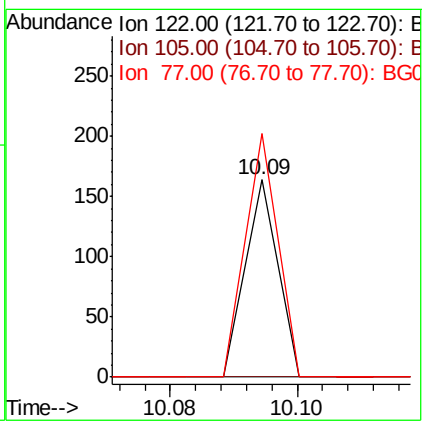


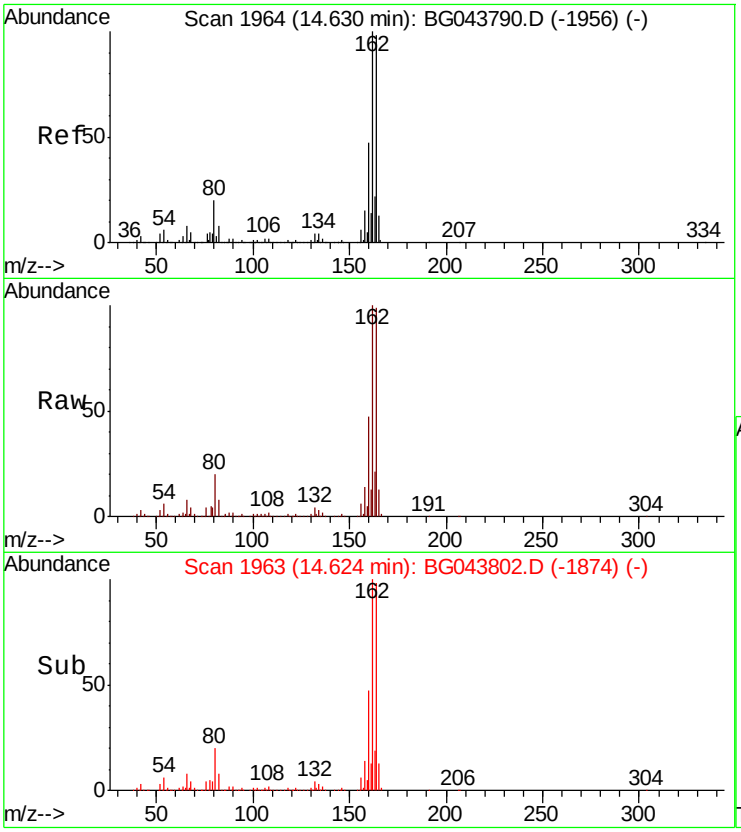


#32
Benzoic acid
Concen: 5.660 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion:122 Resp: 58

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	123.2	71.7	111.7#



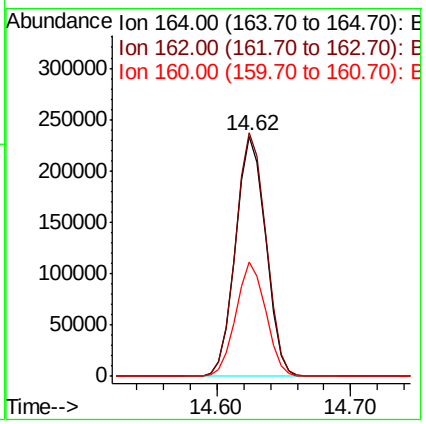


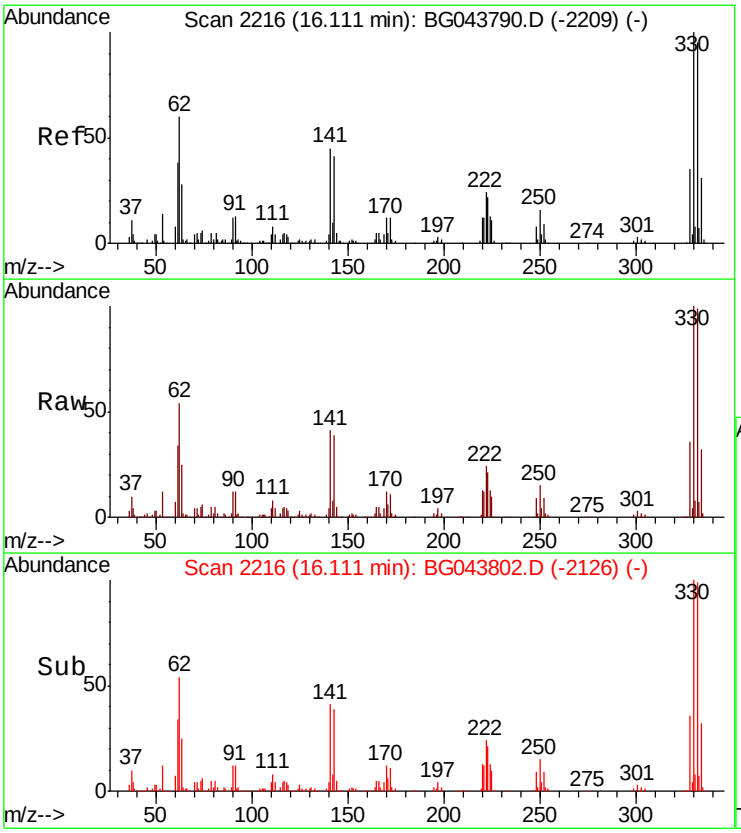
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:164 Resp: 364512

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.9	122.9
160	47.5	38.3	57.5

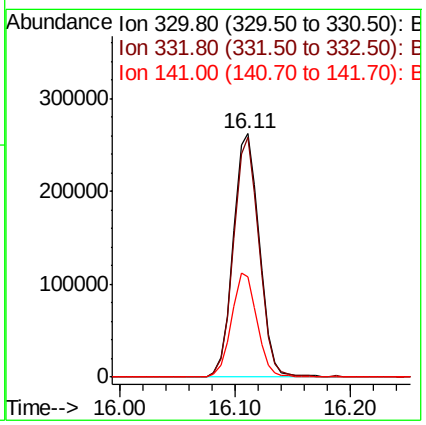


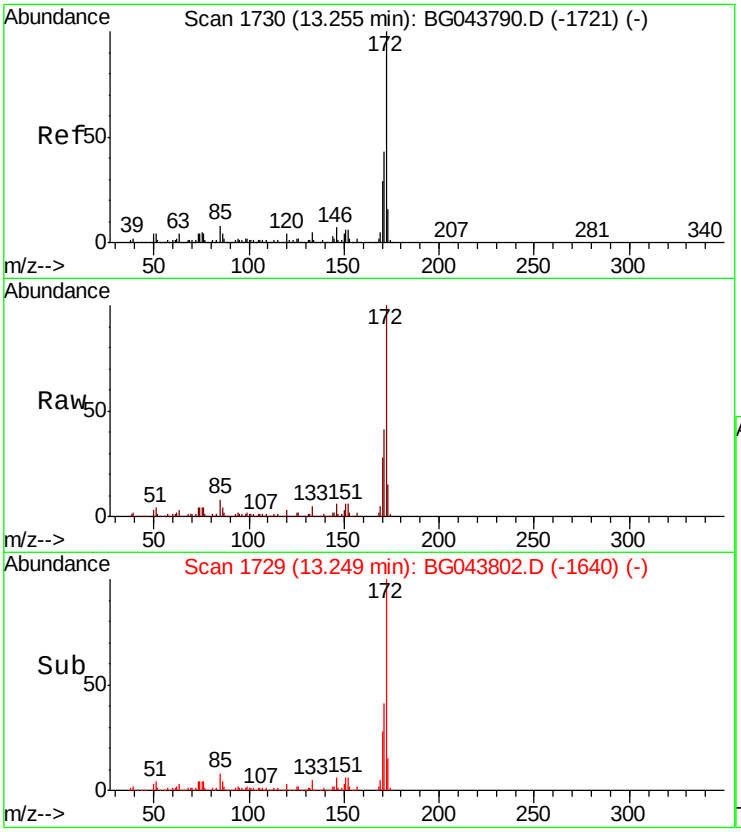


#42
2,4,6-Tribromophenol
Concen: 117.765 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion:330 Resp: 409243

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	41.8	33.8	50.8



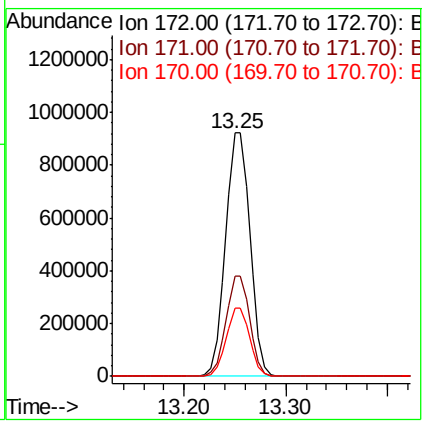


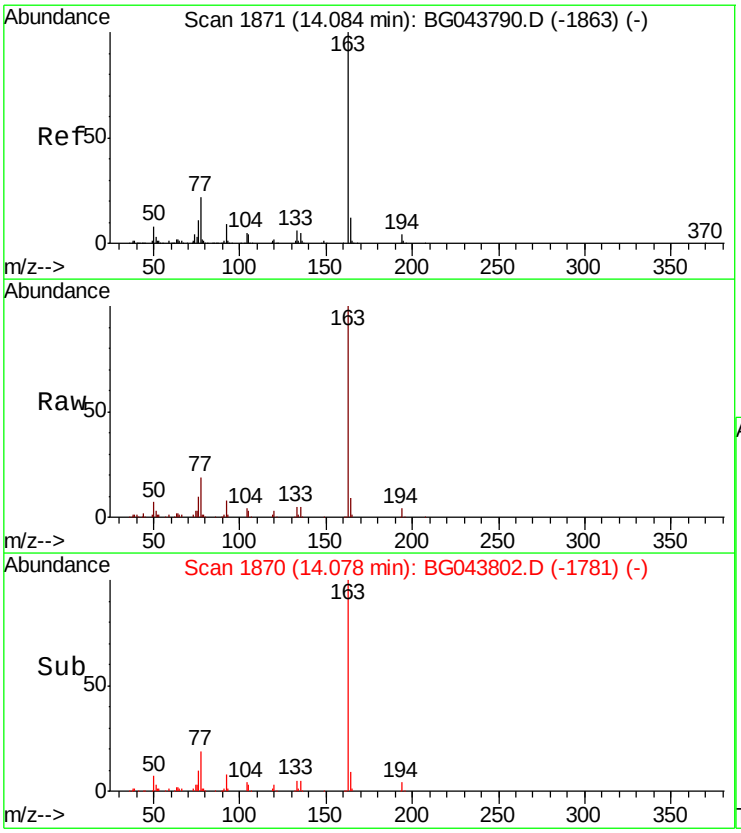
#45
2-Fluorobiphenyl
Concen: 74.030 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:172 Resp: 1536220

Ion	Ratio	Lower	Upper
172	100		
171	41.1	34.6	51.8
170	27.9	23.3	34.9

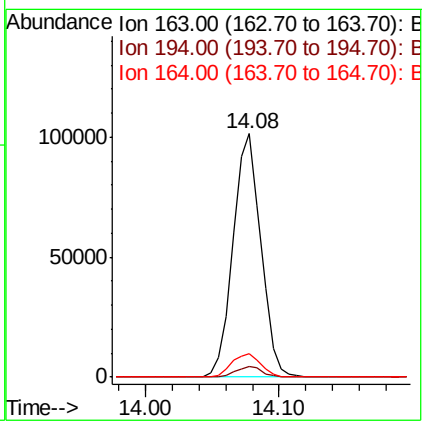


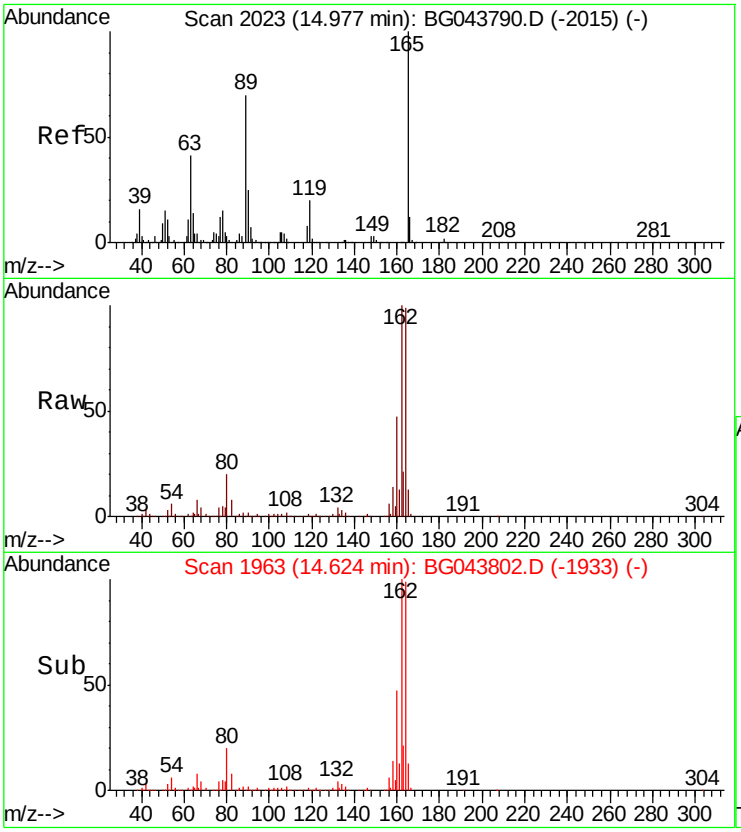


#50
Dimethylphthalate
Concen: 5.638 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion:163 Resp: 146675

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.4	9.4	14.0



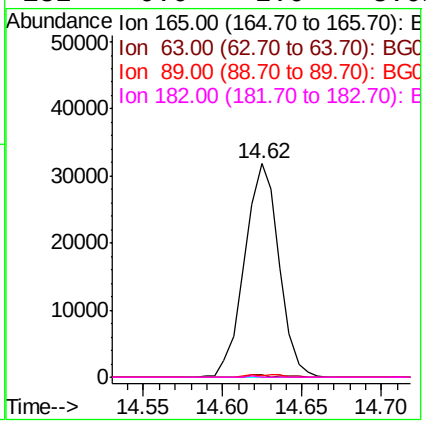


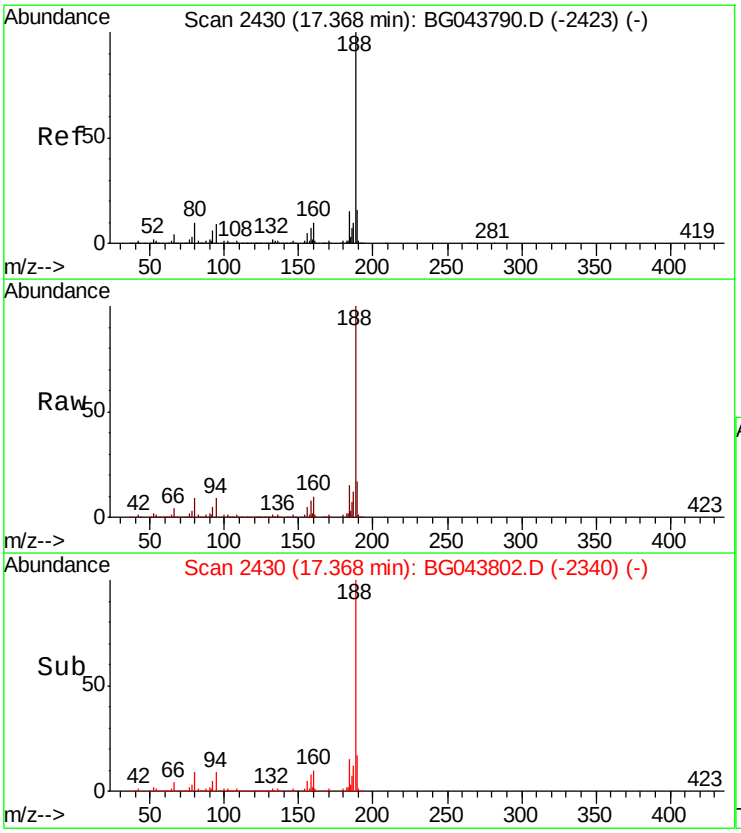
#57
2,4-Dinitrotoluene
Concen: 6.342 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.35 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:165 Resp: 48048

Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.7	49.1#
89	0.9	56.1	84.1#
182	0.0	2.0	3.0#

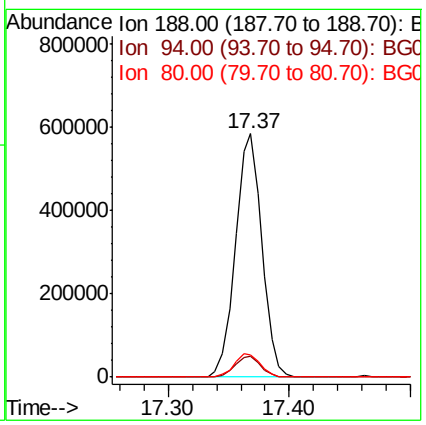


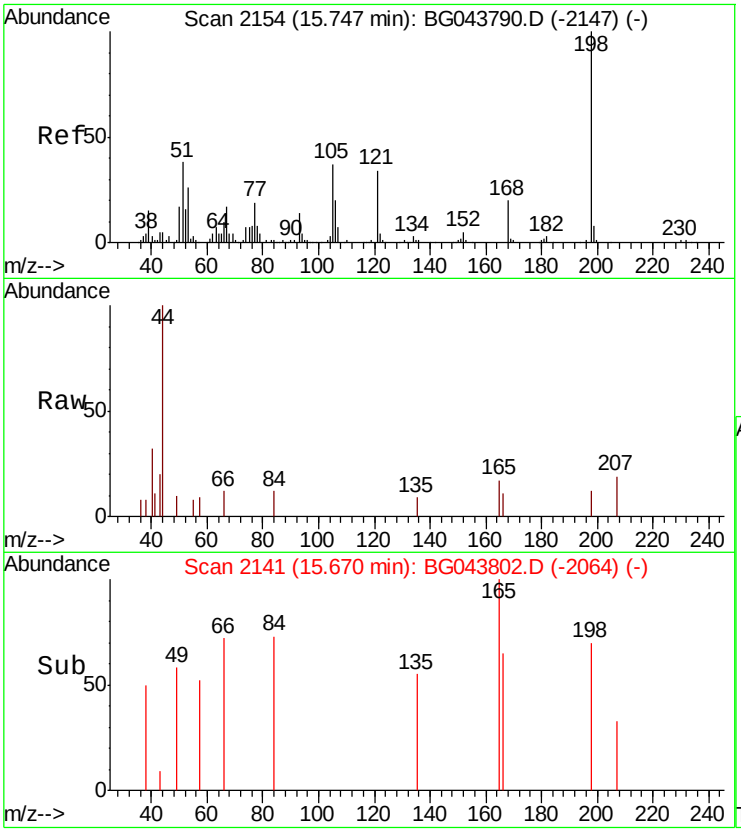


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion:188 Resp: 885779

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.1	7.8	11.8



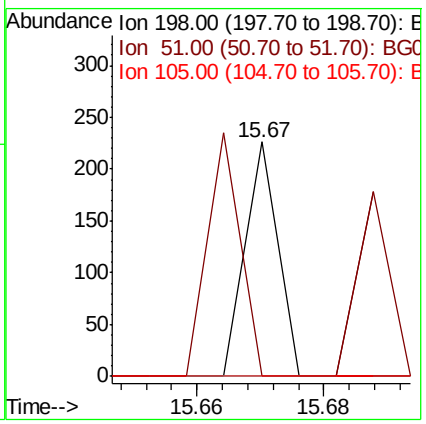


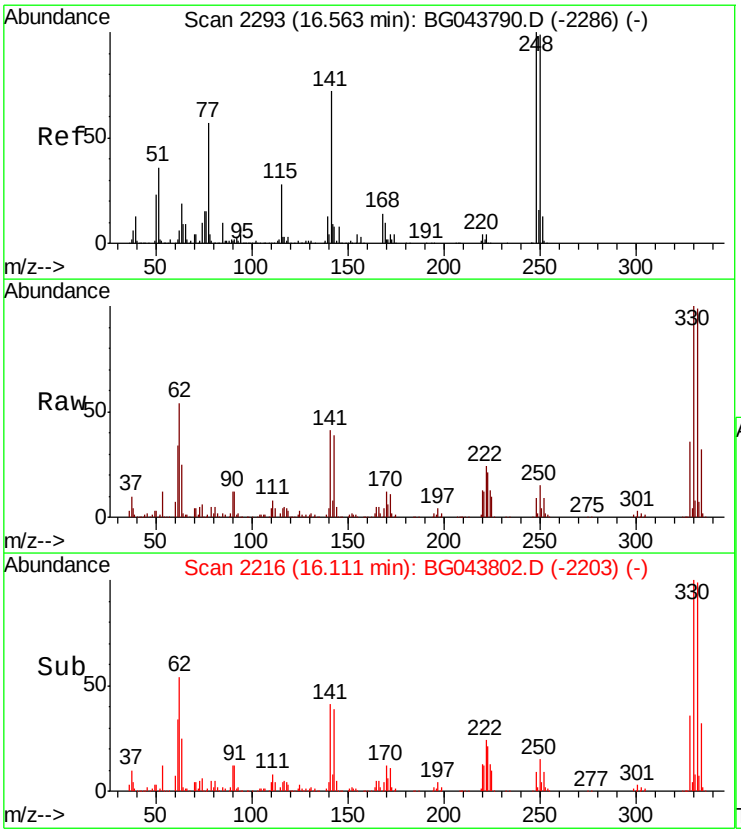
#65
4,6-Dinitro-2-methylphenol
Concen: 9.519 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.08 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:198 Resp: 80

Ion	Ratio	Lower	Upper
198	100		
51	0.0	18.9	58.9#
105	0.0	18.1	58.1#

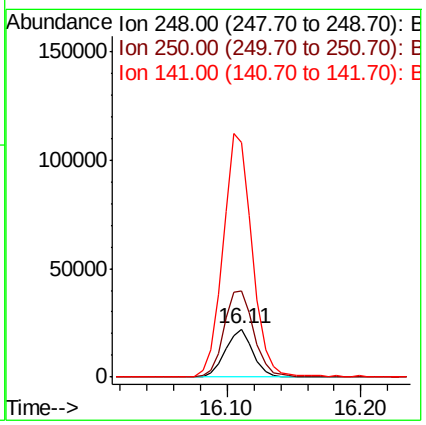


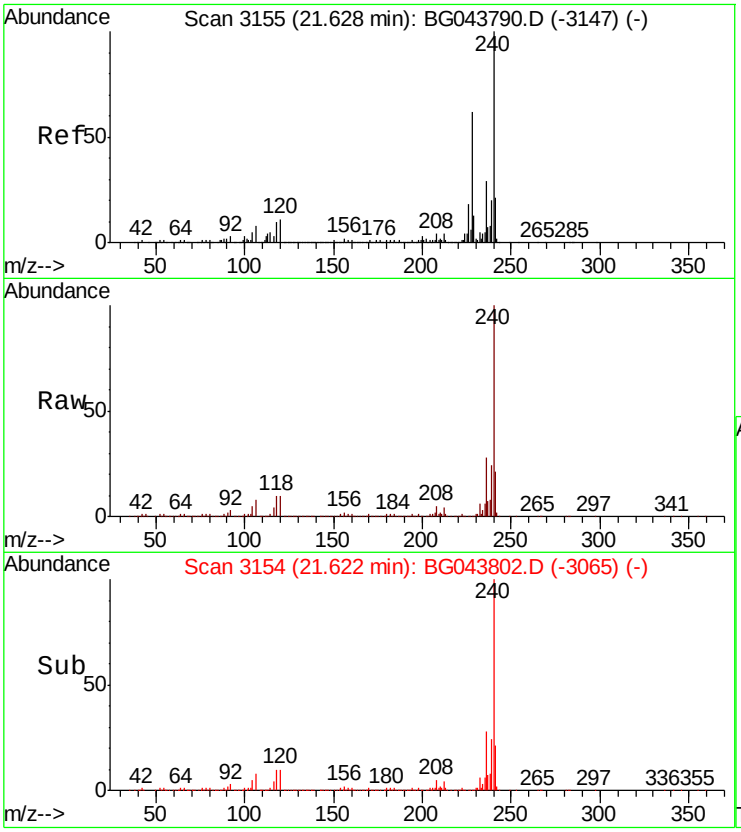


#67
4-Bromophenyl-phenylether
Concen: 3.381 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion:248 Resp: 32019

Ion	Ratio	Lower	Upper
248	100		
250	177.8	79.0	118.6#
141	483.9	57.8	86.6#



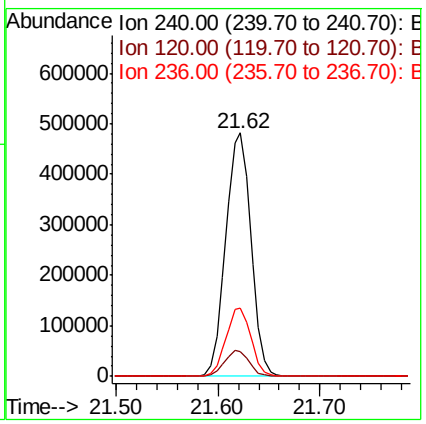


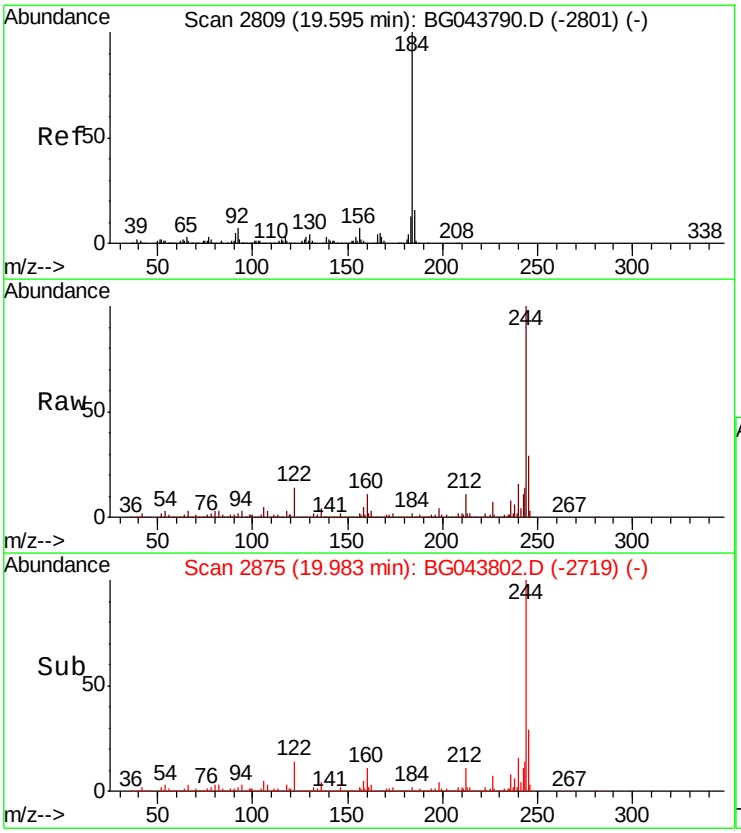
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:240 Resp: 831156

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	12.8
236	28.3	23.1	34.7

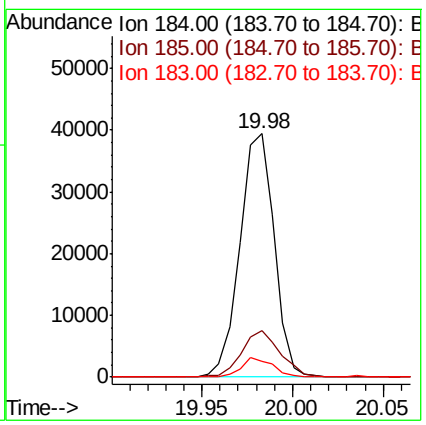


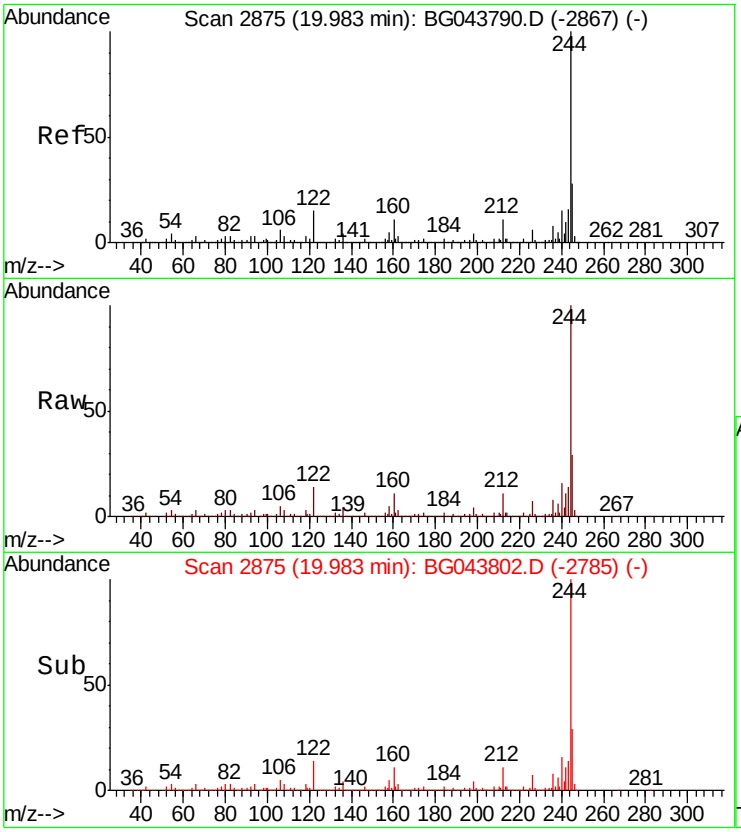


#77
Benzidine
Concen: 2.860 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.39 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion:184 Resp: 51861

Ion	Ratio	Lower	Upper
184	100		
185	19.3	12.9	19.3#
183	6.6	10.3	15.5#



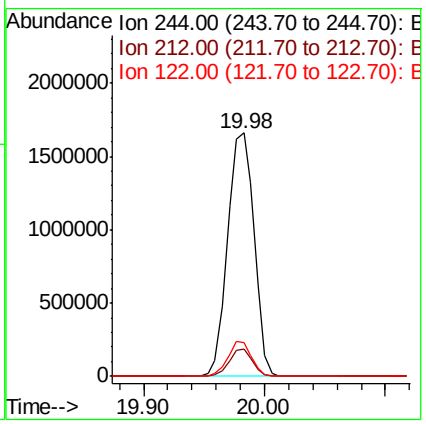


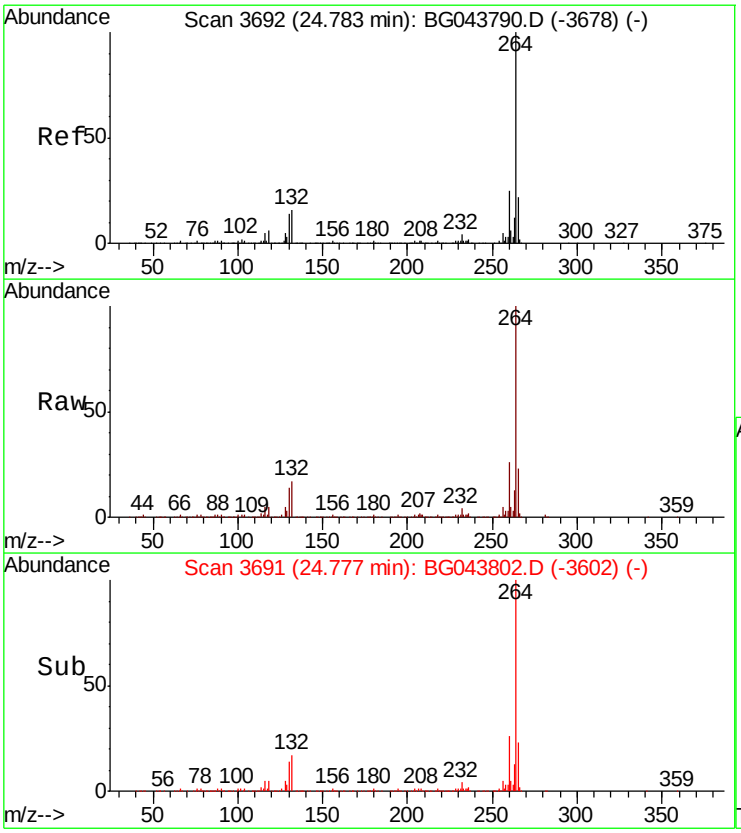
#79
Terphenyl-d14
Concen: 73.219 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:244 Resp: 2529611

Ion	Ratio	Lower	Upper
244	100		
212	11.2	9.1	13.7
122	14.0	11.6	17.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG043802.D
Acq: 11 Dec 2019 19:28

Tgt Ion:264 Resp: 921721

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.8	29.8
265	22.8	17.9	26.9