Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
Data File : BG043808.D
Acq On : 11 Dec 2019 23:22
Operator : JU
Sample : K6245-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OUTSIDE-BRICK-2

Quant Time: Dec 12 02:22:08 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	131943	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	572169	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	413271	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	969447	20.00	ng	0.00
76) Chrysene-d12	21.62	240	839377	20.00	ng	0.00
87) Perylene-d12	24.77	264	934748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	742648	106.65	ng	0.00
7) Phenol-d6	7.16	99	1106345	110.16	ng	0.00
23) Nitrobenzene-d5	9.15	82	641690	62.97	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	435170	110.45	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1550318	65.89	ng	0.00
79) Terphenyl-d14	19.98	244	2409062	69.05	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.15	77	2169	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	9.15	70	85103	11.084	ng	# 76
32) Benzoic acid	10.32	122	58	5.658	ng	# 1
50) Dimethylphthalate	14.08	163	160021	5.425	ng	96
51) 2,6-Dinitrotoluene	14.62	165	54147	8.518	ng	# 27
54) 2,4-Dinitrophenol	14.29	184	55	3.971	ng	# 19
57) 2,4-Dinitrotoluene	14.62	165	54147	6.304	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.10	198	1648	9.854	ng	# 1
67) 4-Bromophenyl-phenylether	16.10	248	34745	3.352	ng	# 1
77) Benzidine	19.98	184	49250	2.689	ng	# 91

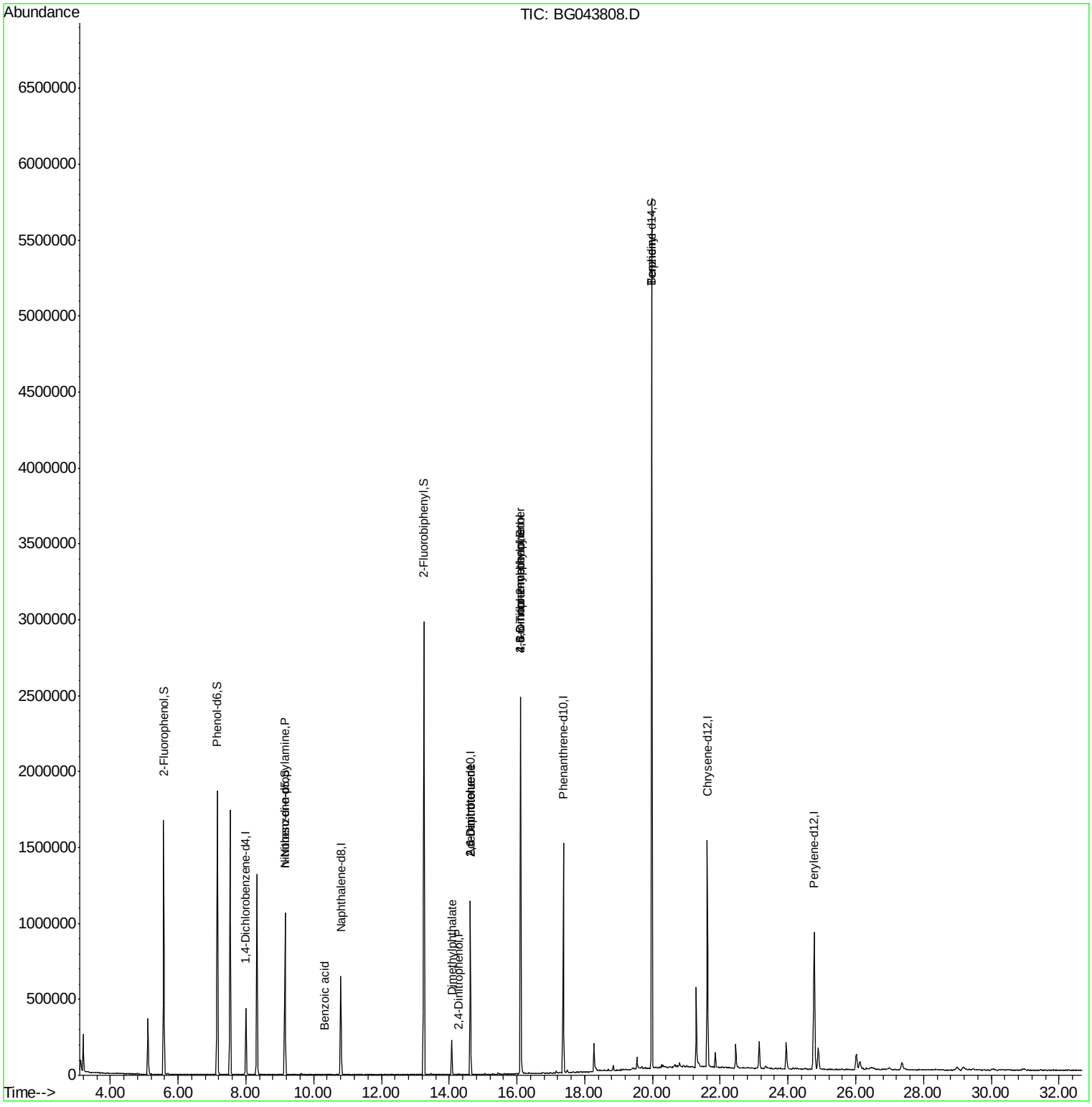
(#) = qualifier out of range (m) = manual integration (+) = signals summed

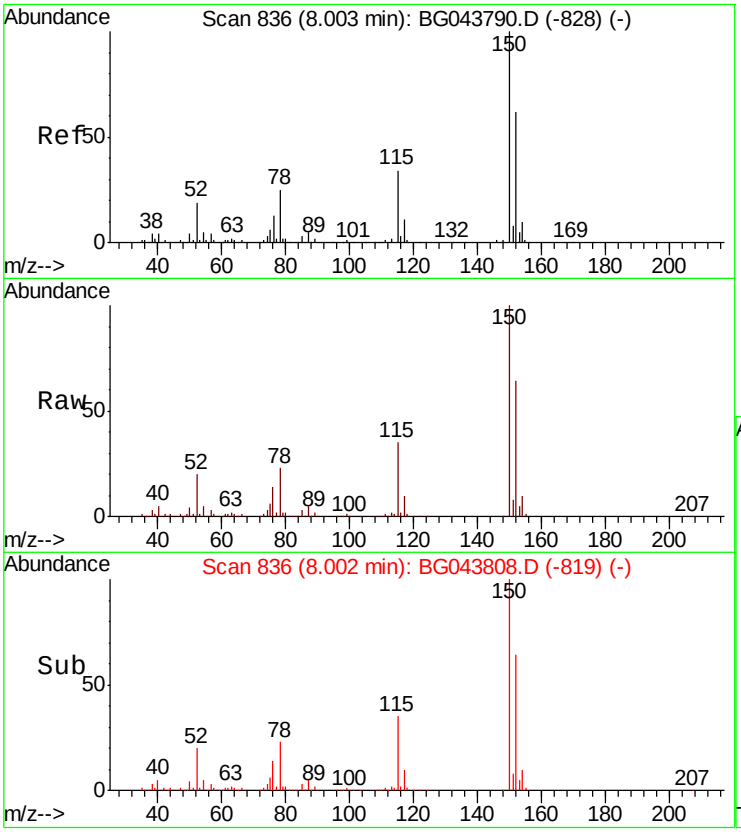
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
Data File : BG043808.D
Acq On : 11 Dec 2019 23:22
Operator : JU
Sample : K6245-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Quant Time: Dec 12 02:22:08 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



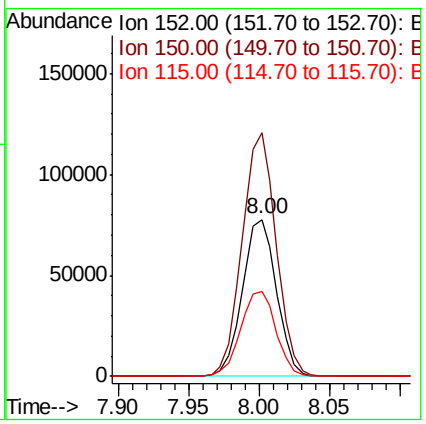


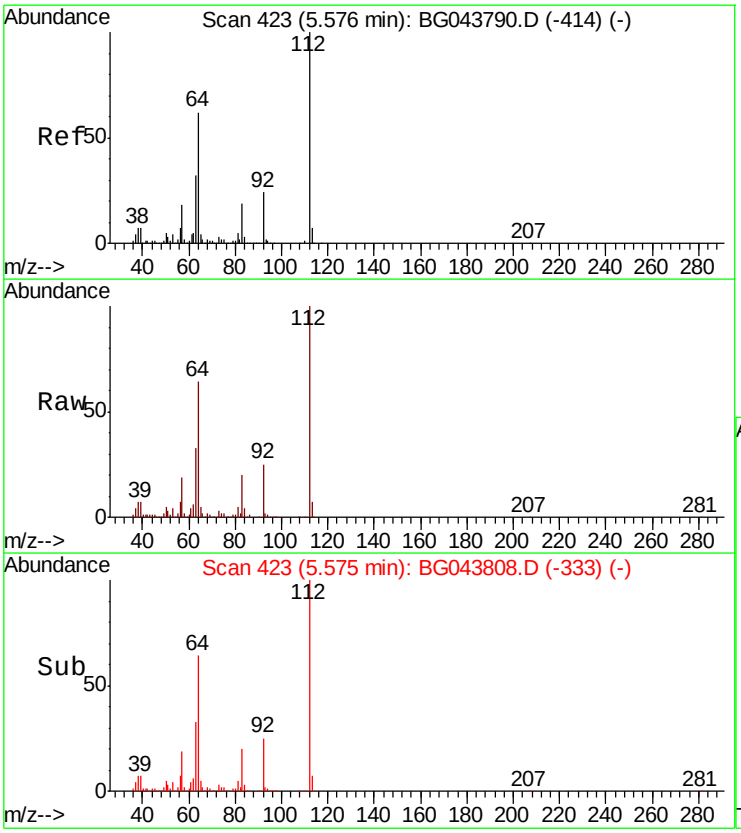
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion:152 Resp: 131943

Ion	Ratio	Lower	Upper
152	100		
150	155.5	128.6	192.8
115	53.8	44.3	66.5

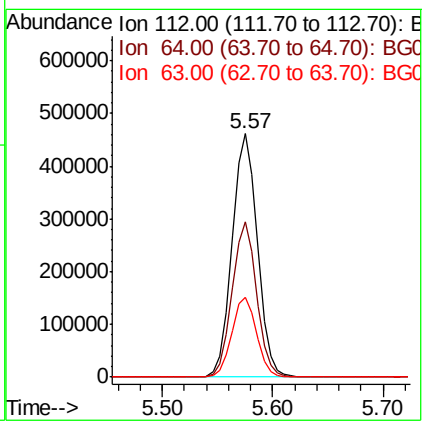


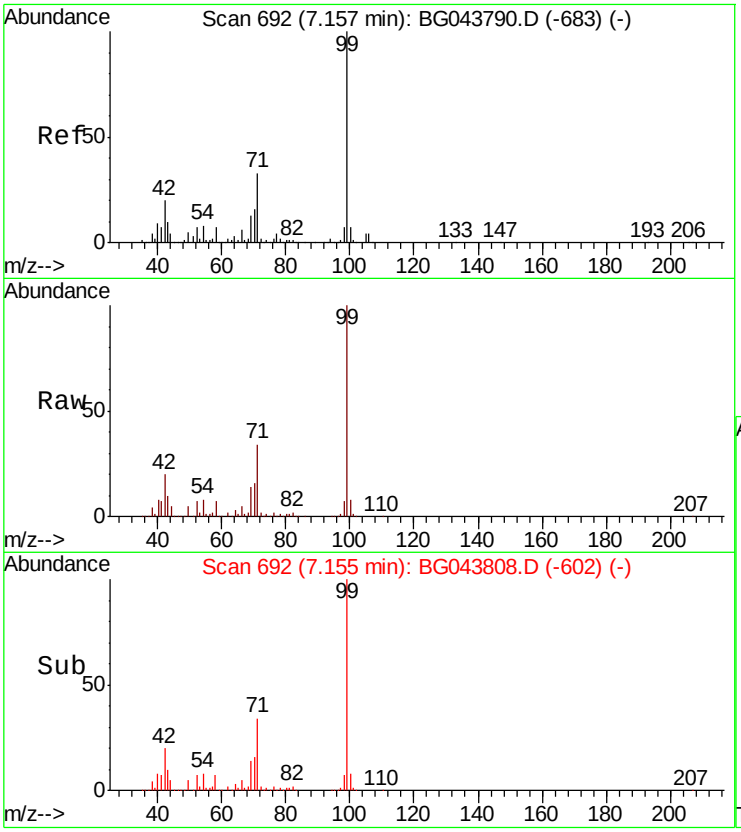


#5
2-Fluorophenol
Concen: 106.646 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion:112 Resp: 742648

Ion	Ratio	Lower	Upper
112	100		
64	63.7	49.9	74.9
63	32.7	26.0	39.0



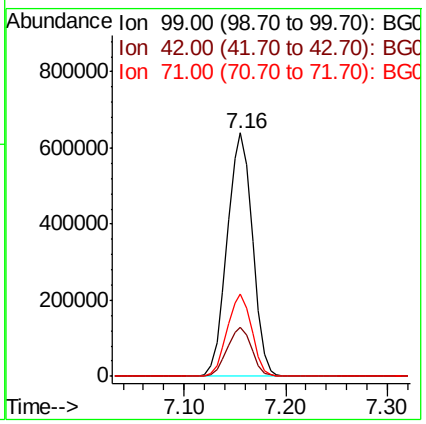


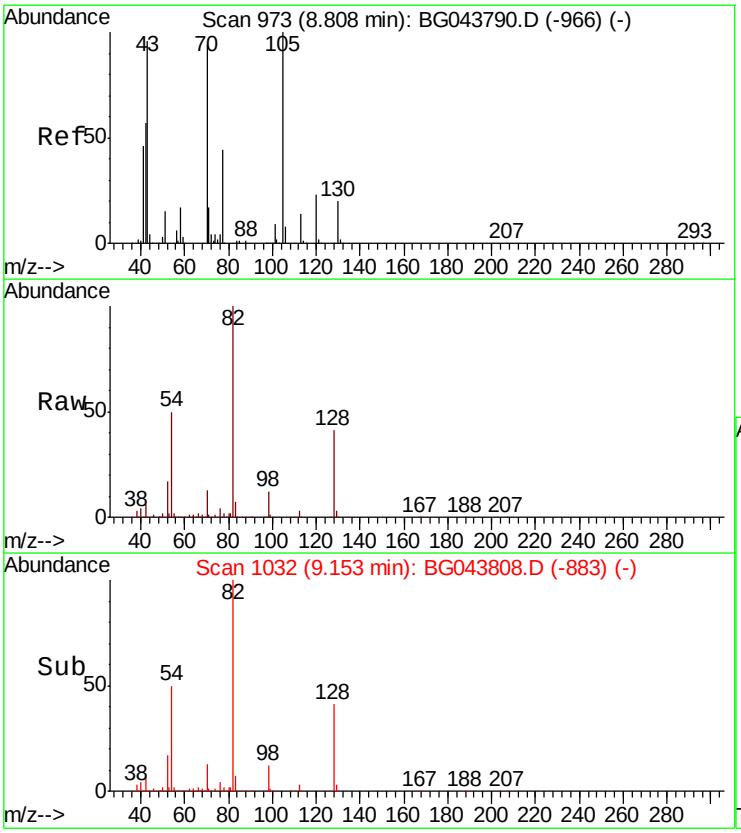
#7
Phenol-d6
Concen: 110.161 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.00 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion: 99 Resp: 1106345

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.2	24.2
71	33.7	26.6	40.0

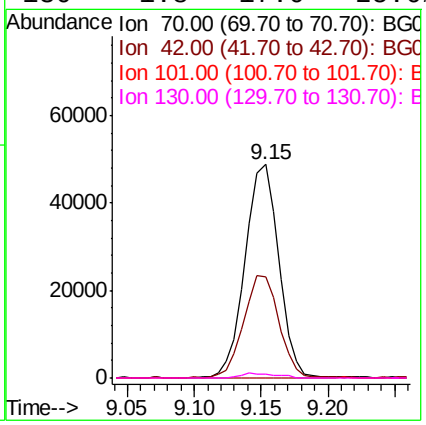


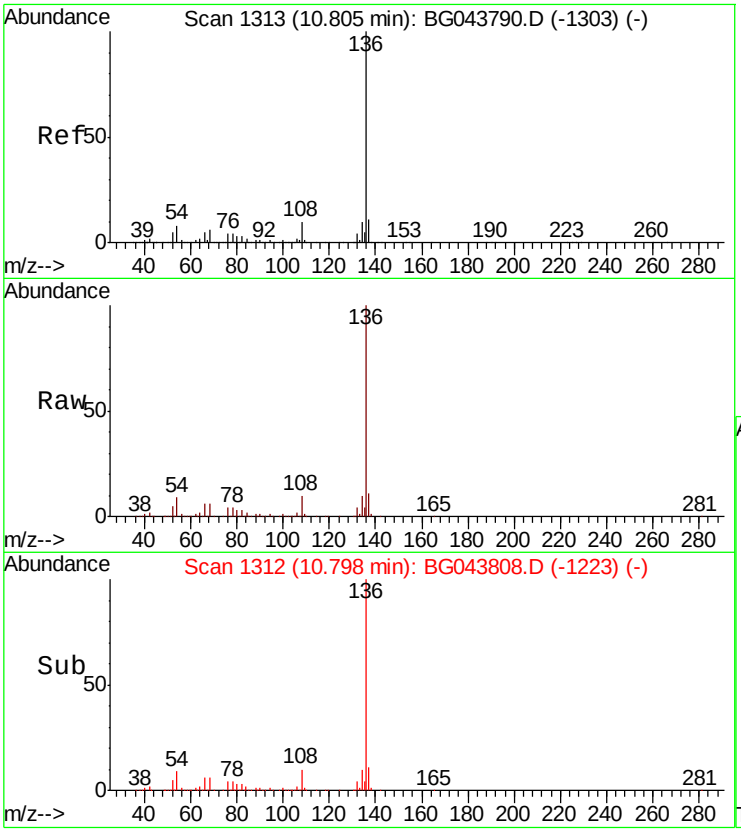


#19
n-Nitroso-di-n-propylamine
Concen: 11.084 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.35 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion: 70 Resp: 85103

Ion	Ratio	Lower	Upper
70	100		
42	47.6	49.2	73.8#
101	0.0	7.8	11.6#
130	1.8	17.0	25.6#



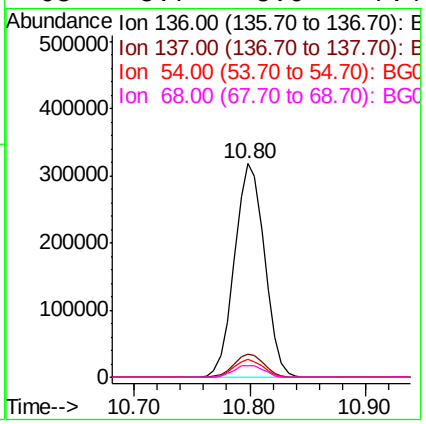


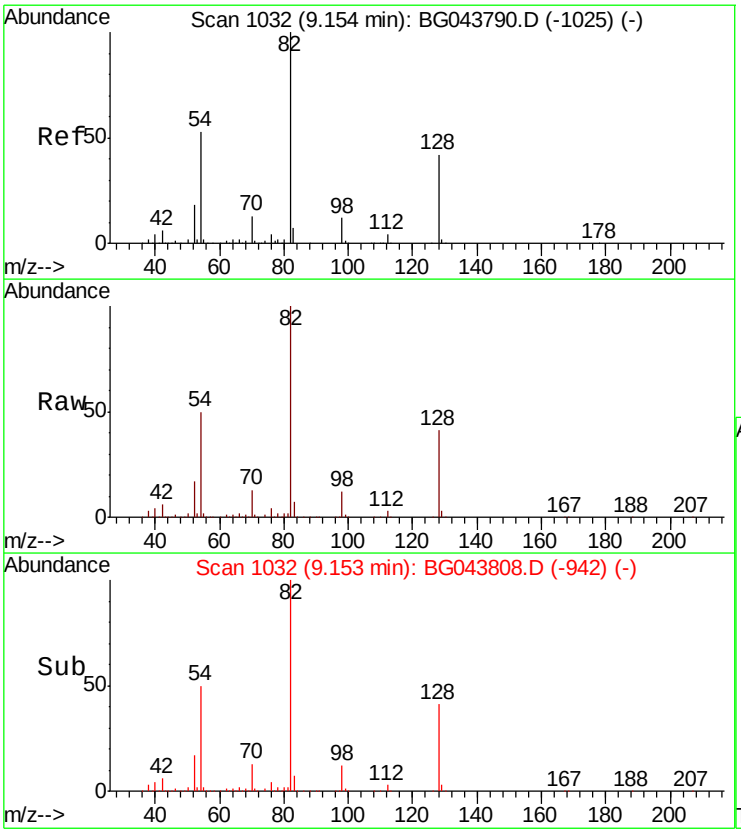
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion:136 Resp: 572169

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.7	6.8	10.2
68	5.7	5.0	7.4

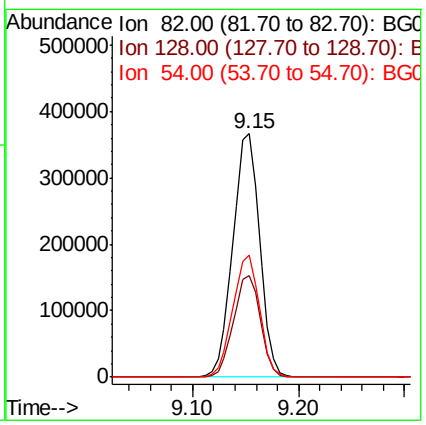


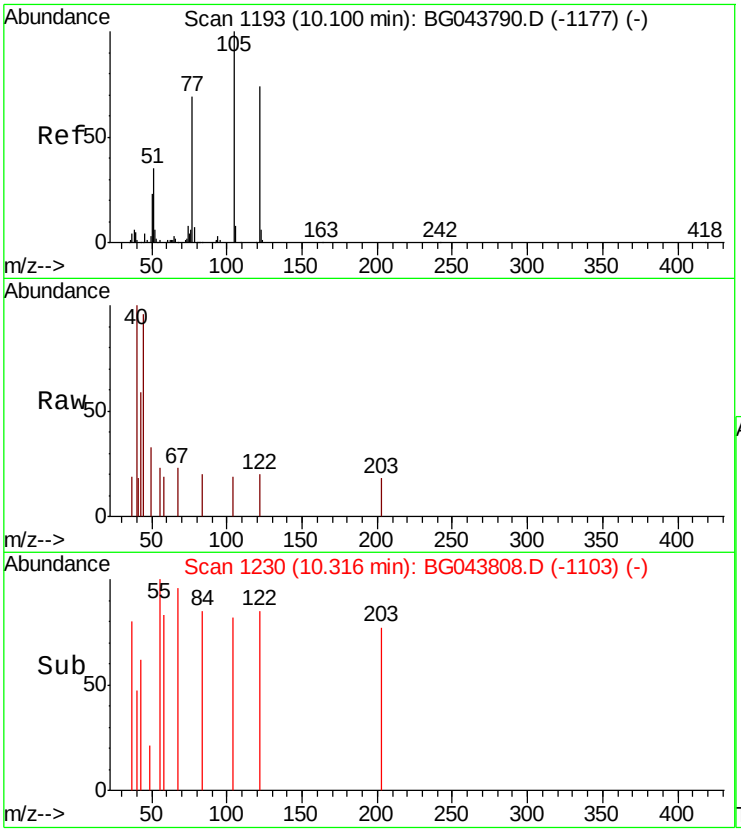


#23
Nitrobenzene-d5
Concen: 62.969 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion: 82 Resp: 641690

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.6	50.4
54	50.0	42.1	63.1



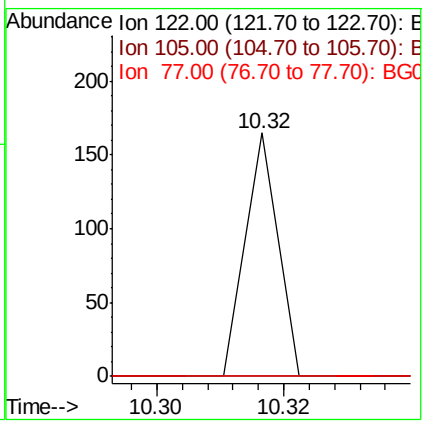


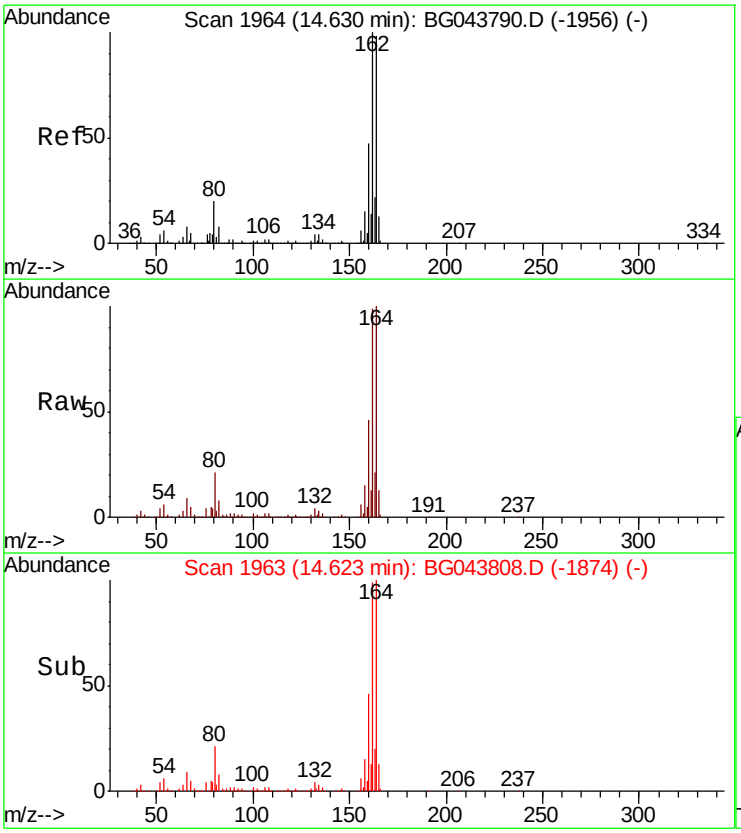
#32
Benzoic acid
Concen: 5.658 ng
RT: 10.32 min Scan# 1230
Delta R.T. 0.22 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion:122 Resp: 58

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

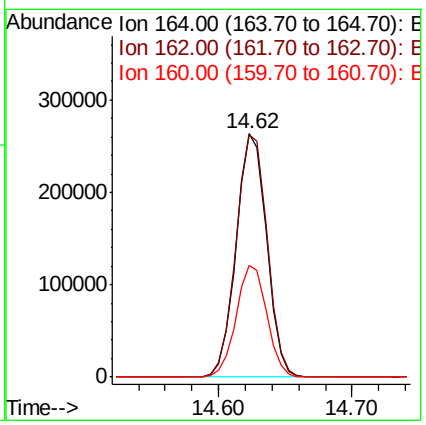


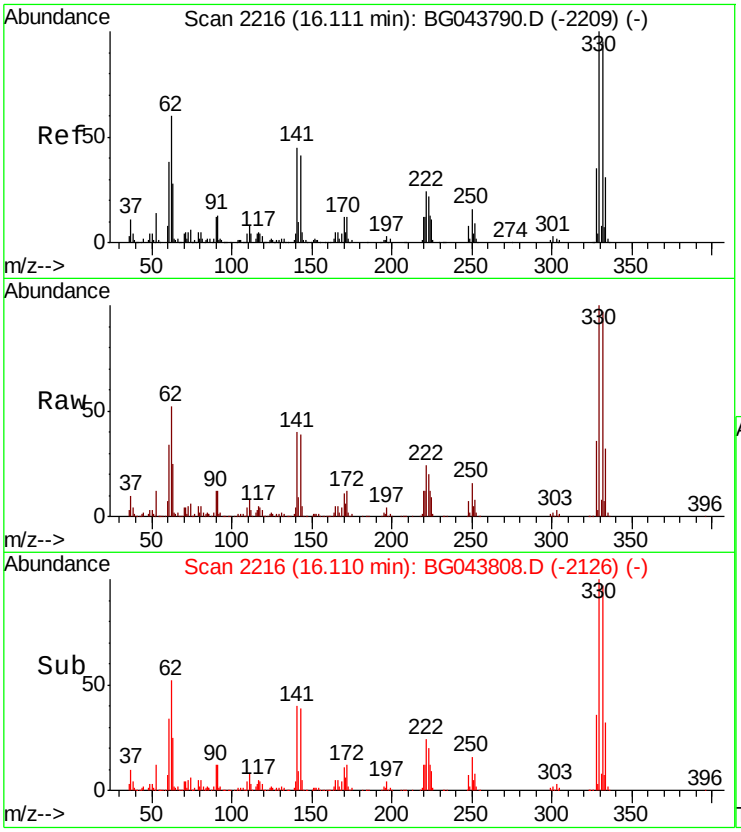


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion:164 Resp: 413271

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.9	122.9
160	45.7	38.3	57.5



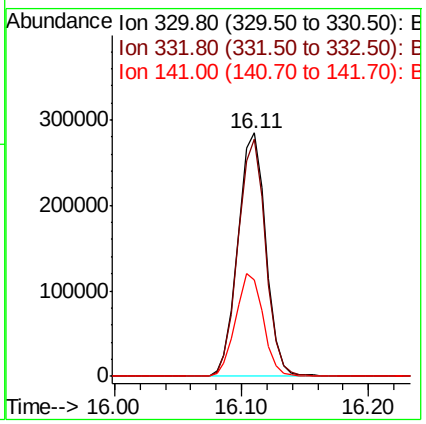


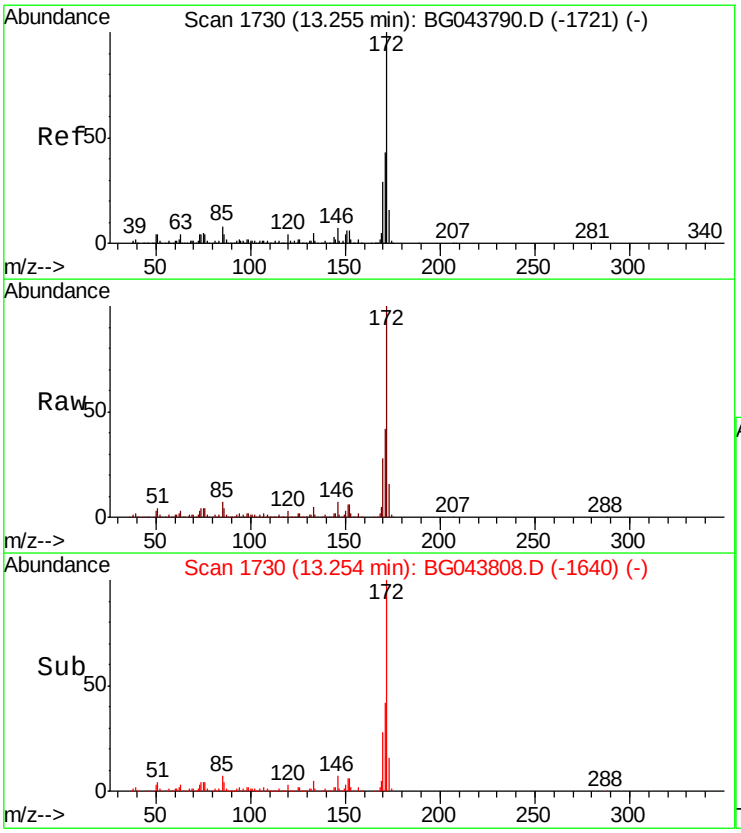
#42
2,4,6-Tribromophenol
Concen: 110.451 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion:330 Resp: 435170

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	42.0	33.8	50.8

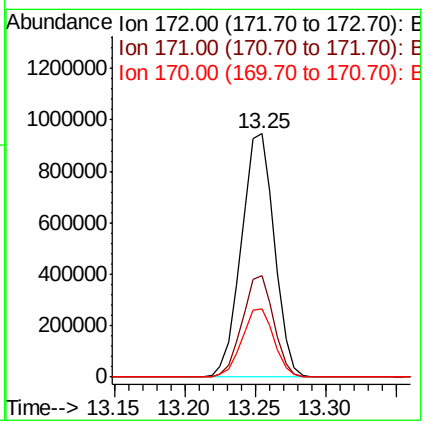


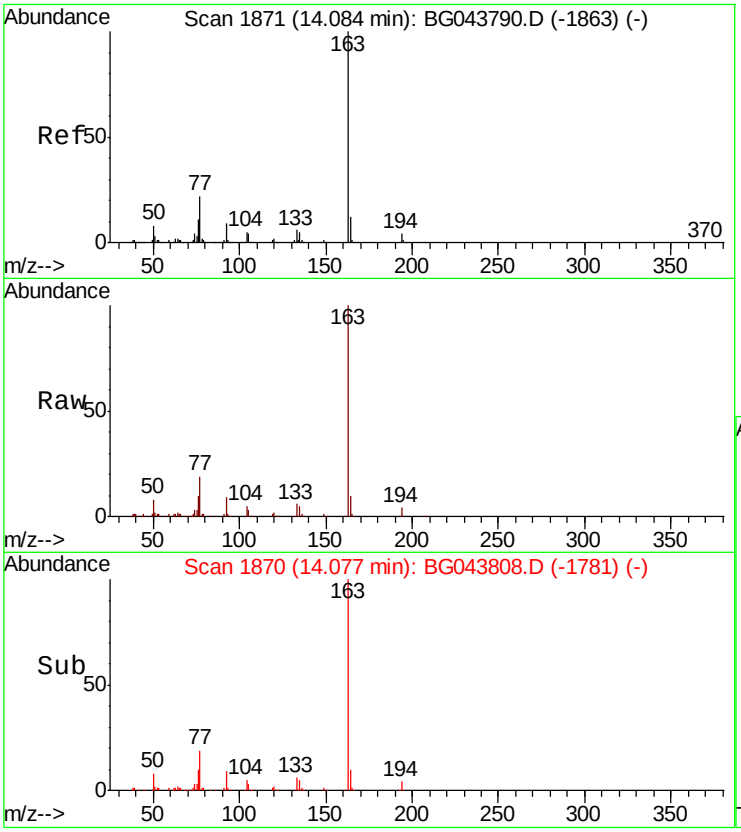


#45
2-Fluorobiphenyl
Concen: 65.895 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion:172 Resp: 1550318

Ion	Ratio	Lower	Upper
172	100		
171	41.8	34.6	51.8
170	28.1	23.3	34.9



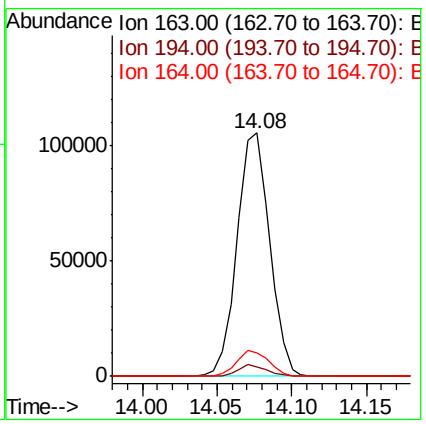


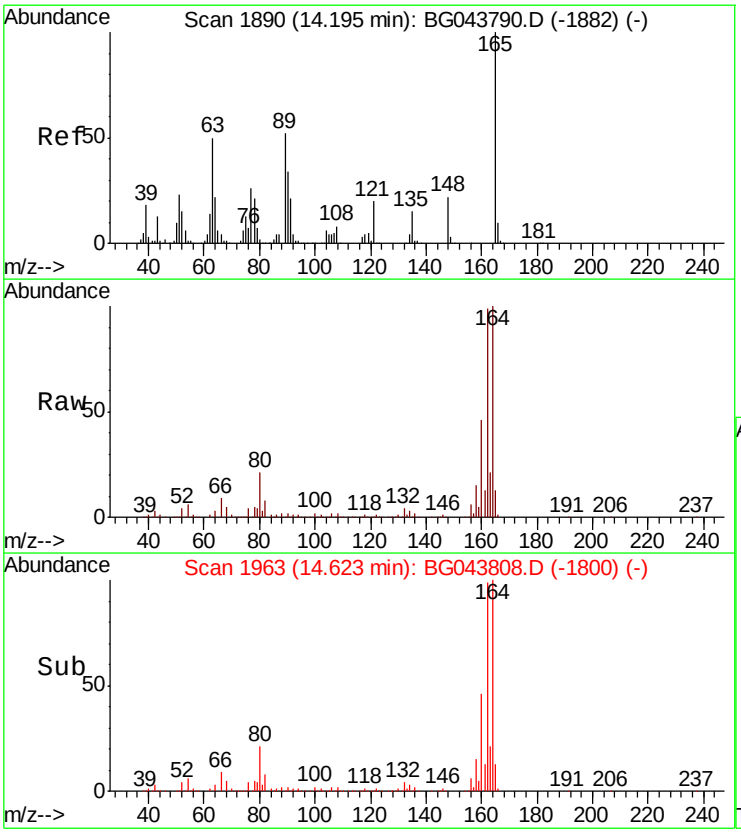
#50
Dimethylphthalate
Concen: 5.425 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion:163 Resp: 160021

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	9.9	9.4	14.0

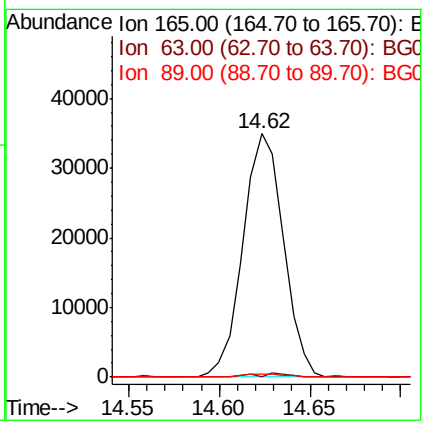


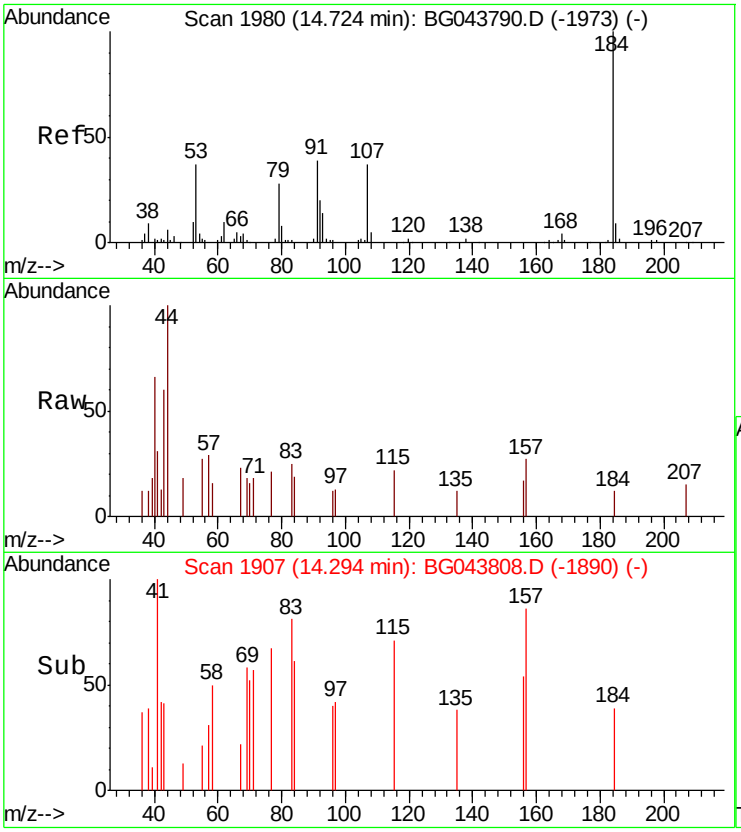


#51
2,6-Dinitrotoluene
Concen: 8.518 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.43 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion:165 Resp: 54147

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.3	60.5#
89	1.2	41.8	62.8#



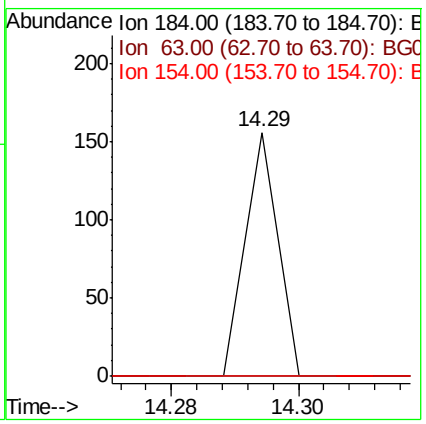


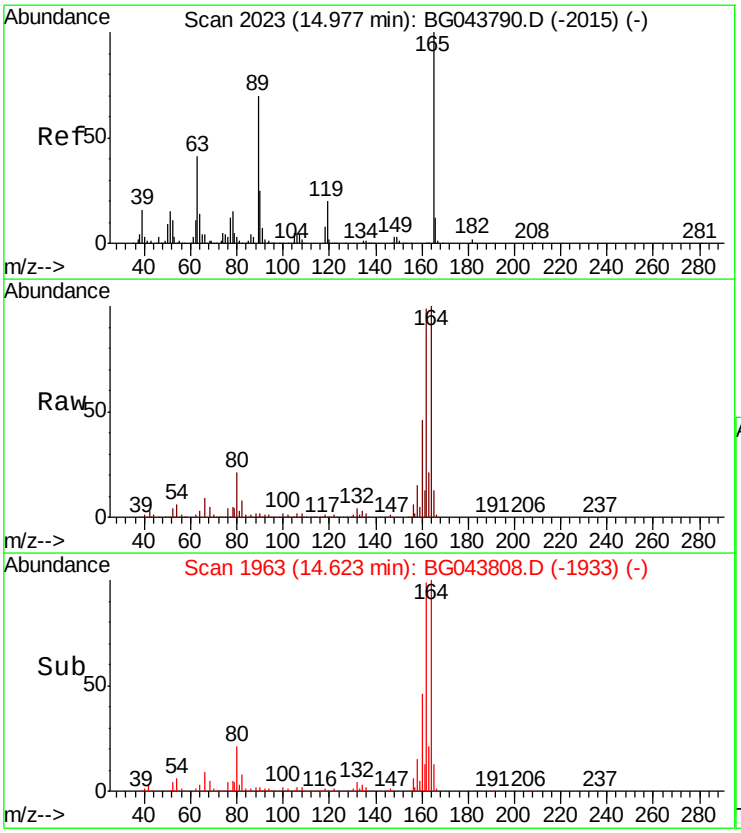
#54
2,4-Dinitrophenol
Concen: 3.971 ng
RT: 14.29 min Scan# 1907
Delta R.T. -0.43 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	43.4	65.0#
154	0.0	54.8	82.2#

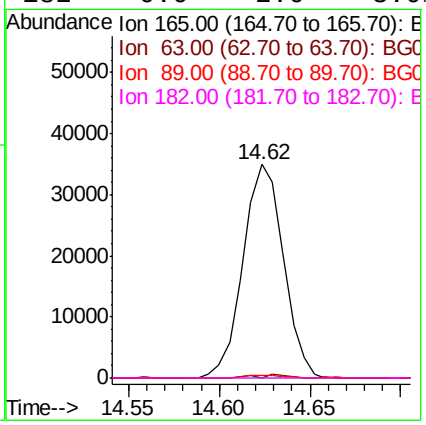


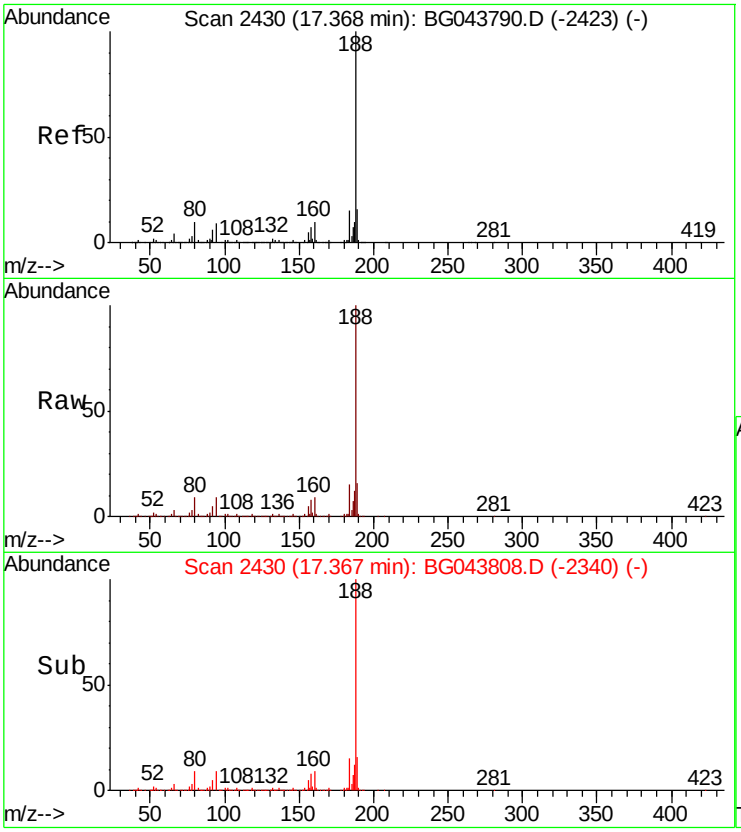


#57
2,4-Dinitrotoluene
Concen: 6.304 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.35 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion:165 Resp: 54147

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.7	49.1#
89	1.2	56.1	84.1#
182	0.0	2.0	3.0#



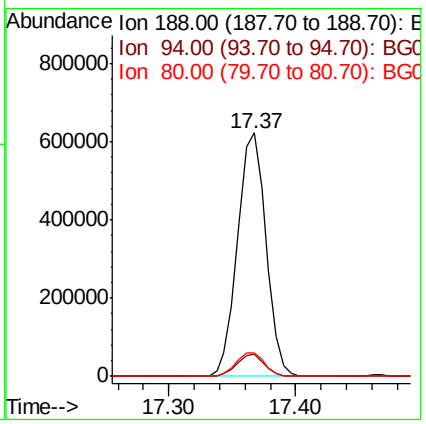


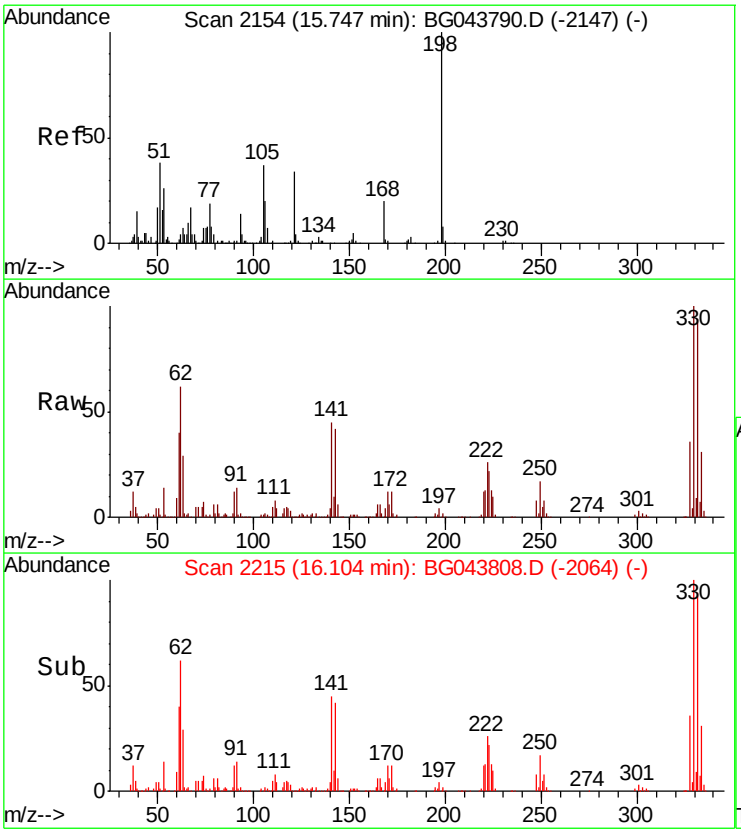
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion:188 Resp: 969447

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	9.5	7.8	11.8

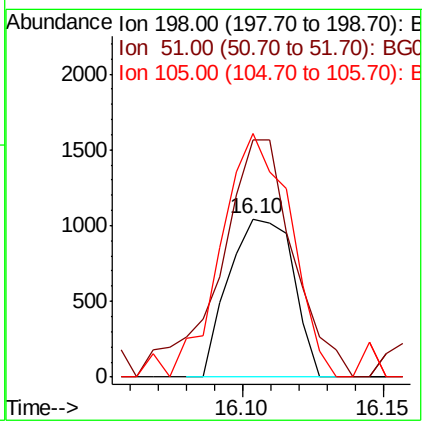


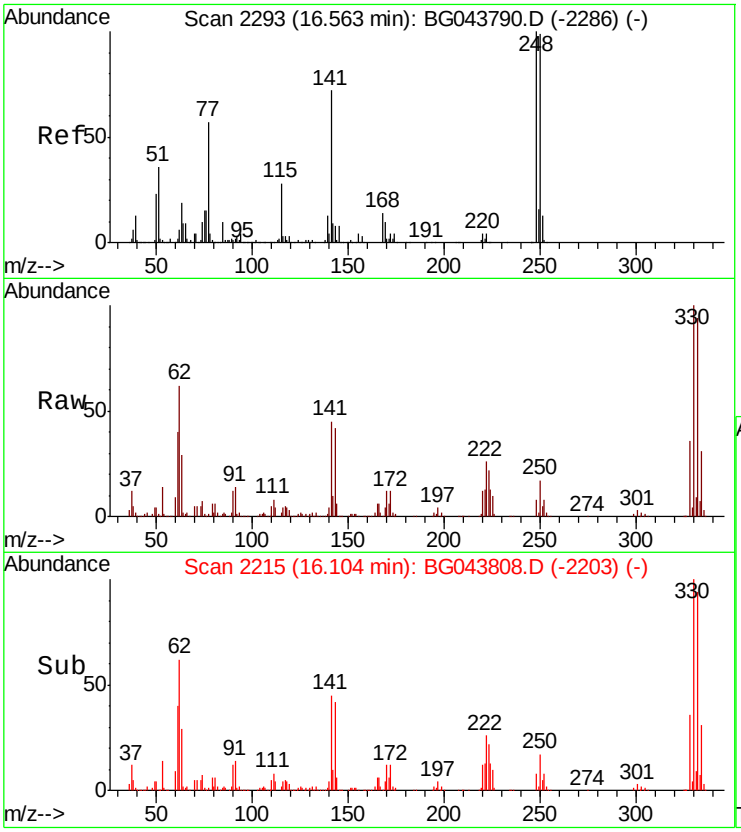


#65
4,6-Dinitro-2-methylphenol
Concen: 9.854 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.36 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion:198 Resp: 1648

Ion	Ratio	Lower	Upper
198	100		
51	150.3	18.9	58.9#
105	153.9	18.1	58.1#



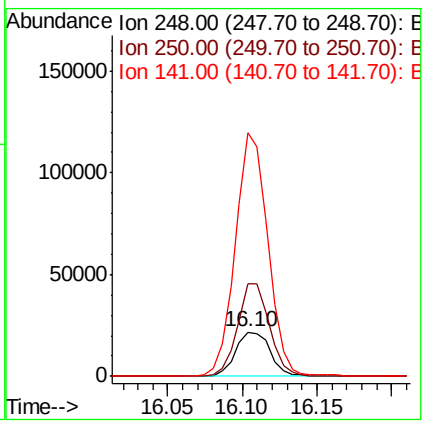


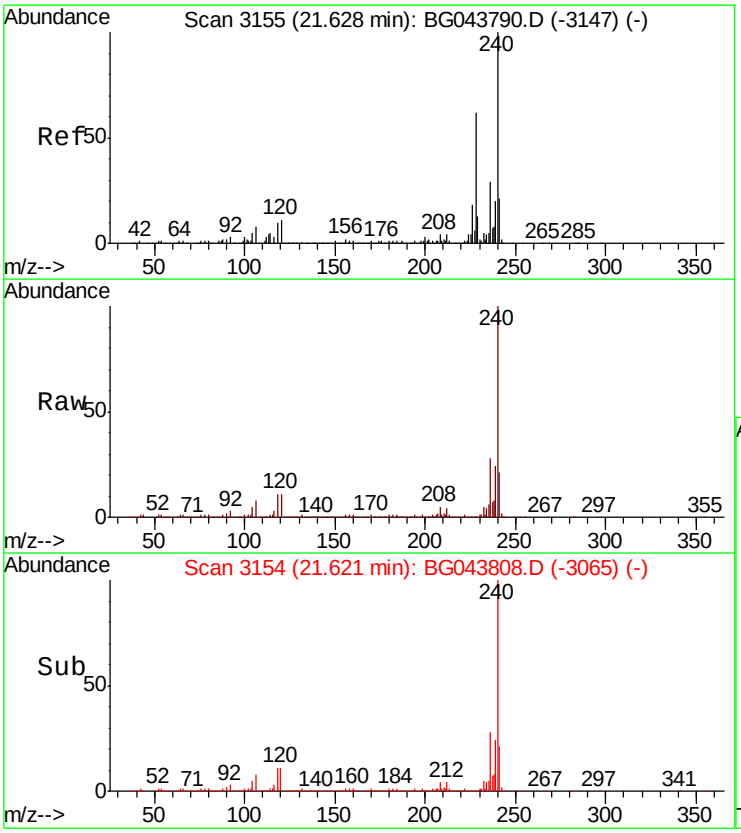
#67
4-Bromophenyl-phenylether
Concen: 3.352 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.46 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion:248 Resp: 34745

Ion	Ratio	Lower	Upper
248	100		
250	207.8	79.0	118.6#
141	547.1	57.8	86.6#

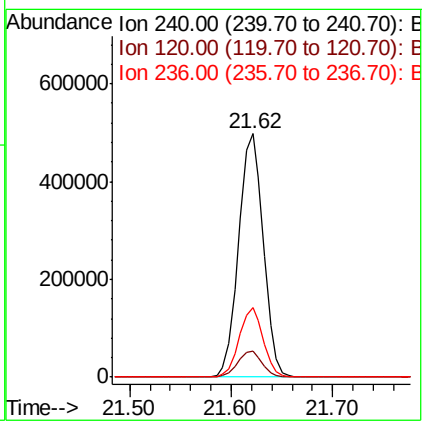


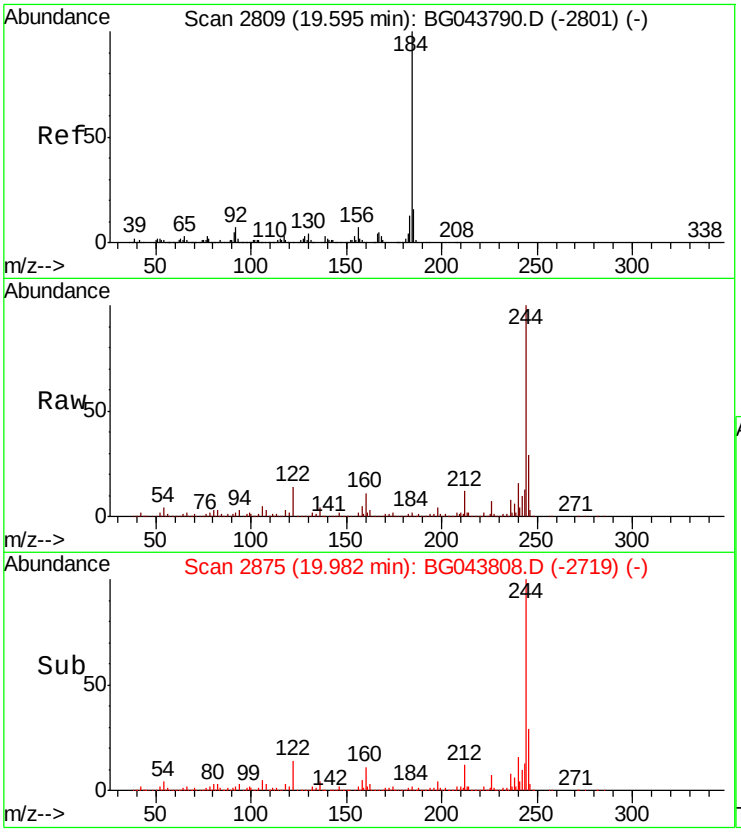


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion:240 Resp: 839377

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	12.8
236	28.3	23.1	34.7



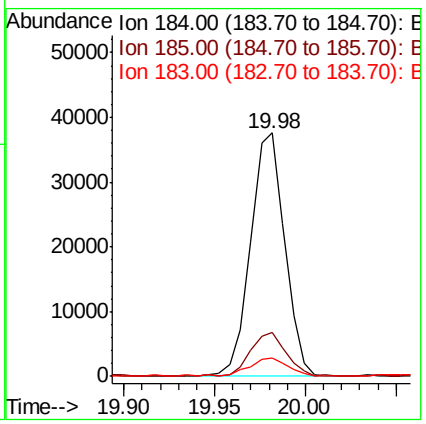


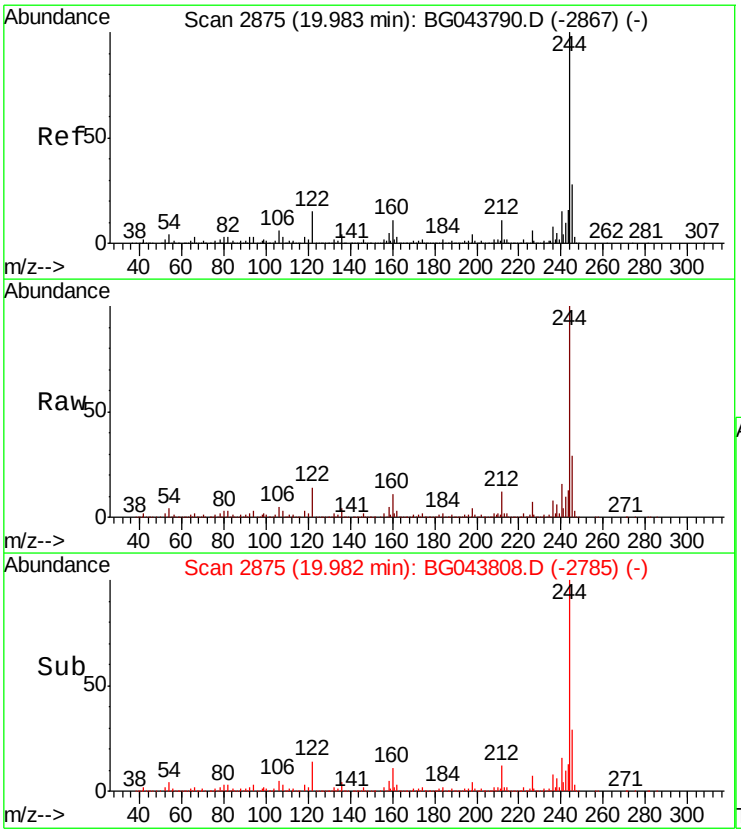
#77
Benzidine
Concen: 2.689 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.39 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion:184 Resp: 49250

Ion	Ratio	Lower	Upper
184	100		
185	18.2	12.9	19.3
183	7.6	10.3	15.5#

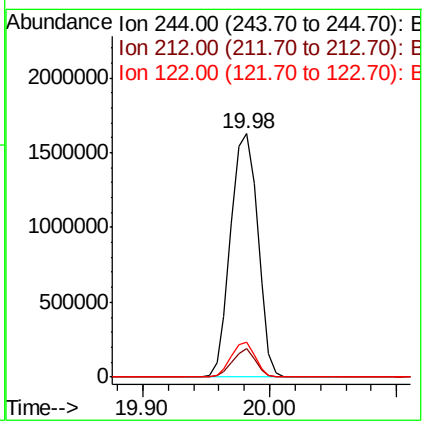


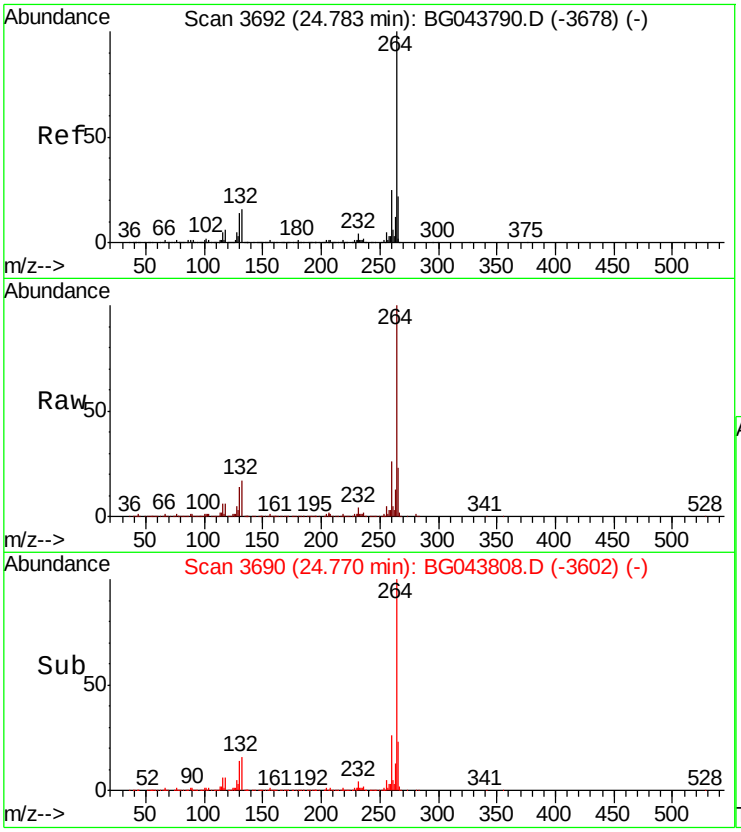


#79
Terphenyl-d14
Concen: 69.047 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Tgt Ion:244 Resp: 2409062

Ion	Ratio	Lower	Upper
244	100		
212	11.6	9.1	13.7
122	14.1	11.6	17.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BG043808.D
Acq: 11 Dec 2019 23:22

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK-2

Tgt Ion:264 Resp: 934748

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.8
265	22.9	17.9	26.9