Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
Data File : BG043807.D
Acq On : 11 Dec 2019 22:43
Operator : JU
Sample : K6208-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CONCRETE-COMP-2

Quant Time: Dec 12 02:21:58 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	129343	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	565952	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	400290	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	955487	20.00	ng	0.00
76) Chrysene-d12	21.62	240	823771	20.00	ng	0.00
87) Perylene-d12	24.77	264	917830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	794217	116.34	ng	0.00
7) Phenol-d6	7.16	99	1184766	120.34	ng	0.00
23) Nitrobenzene-d5	9.15	82	681282	67.59	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	422088	110.61	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1642331	72.07	ng	0.00
79) Terphenyl-d14	19.98	244	2513730	73.41	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.15	77	2171	Below Cal	#	8
19) n-Nitroso-di-n-propylamine	9.15	70	91806	12.197	ng	# 76
26) 2-Nitrophenol	10.36	139	1962	8.752	ng	# 1
32) Benzoic acid	10.28	122	54	5.658	ng	# 53
50) Dimethylphthalate	14.07	163	160822	5.629	ng	98
54) 2,4-Dinitrophenol	14.57	184	65	3.978	ng	# 19
57) 2,4-Dinitrotoluene	14.62	165	53660	6.450	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.03	198	61	9.514	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	32829	3.214	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
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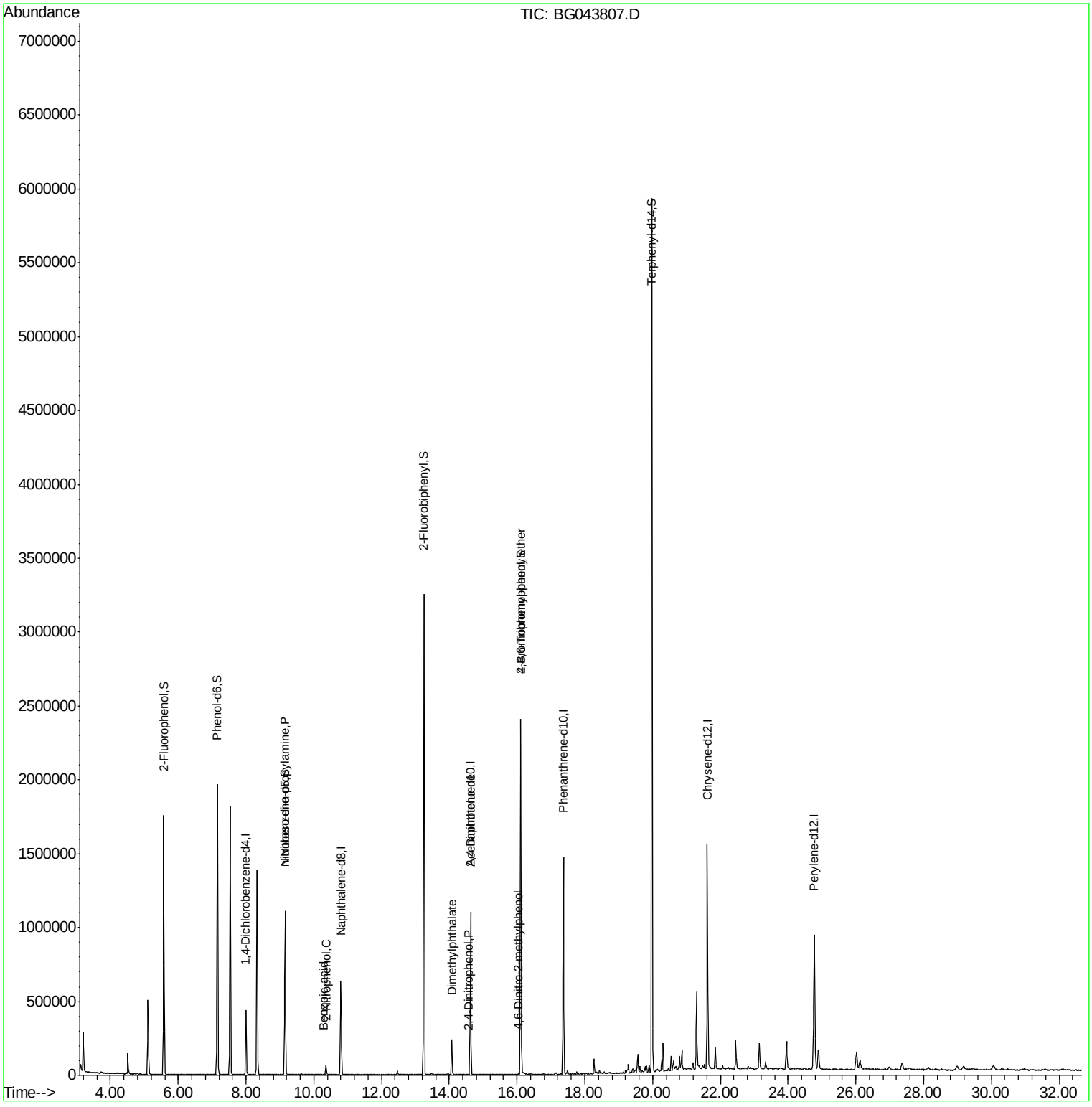
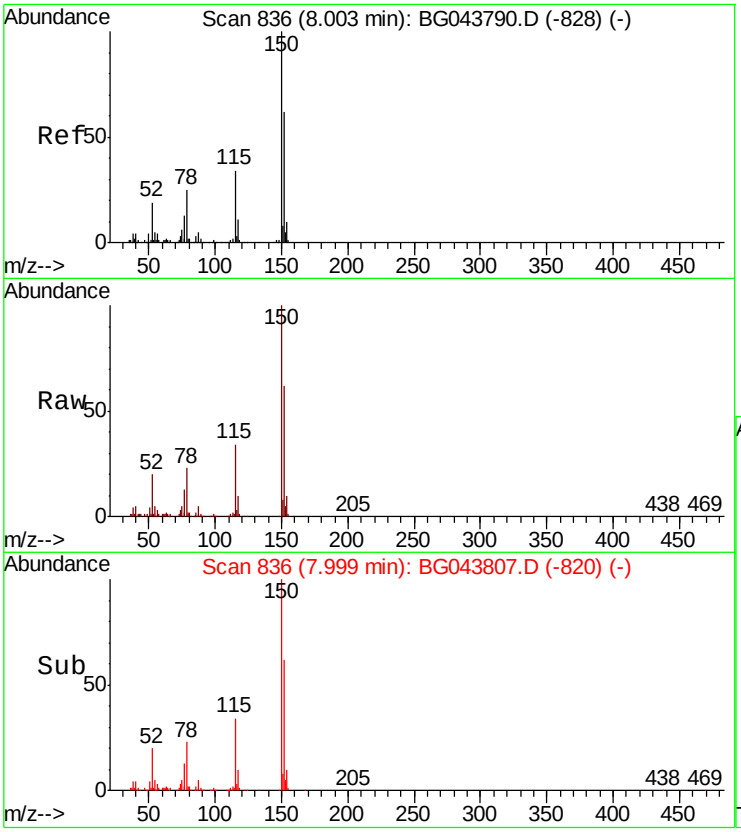
Acq On : 11 Dec 2019 22:43
Operator : JU
Sample : K6208-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Quant Time: Dec 12 02:21:58 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



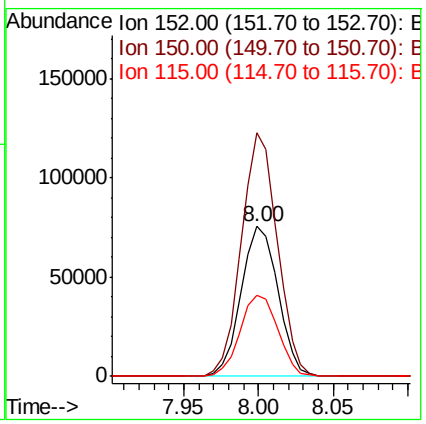


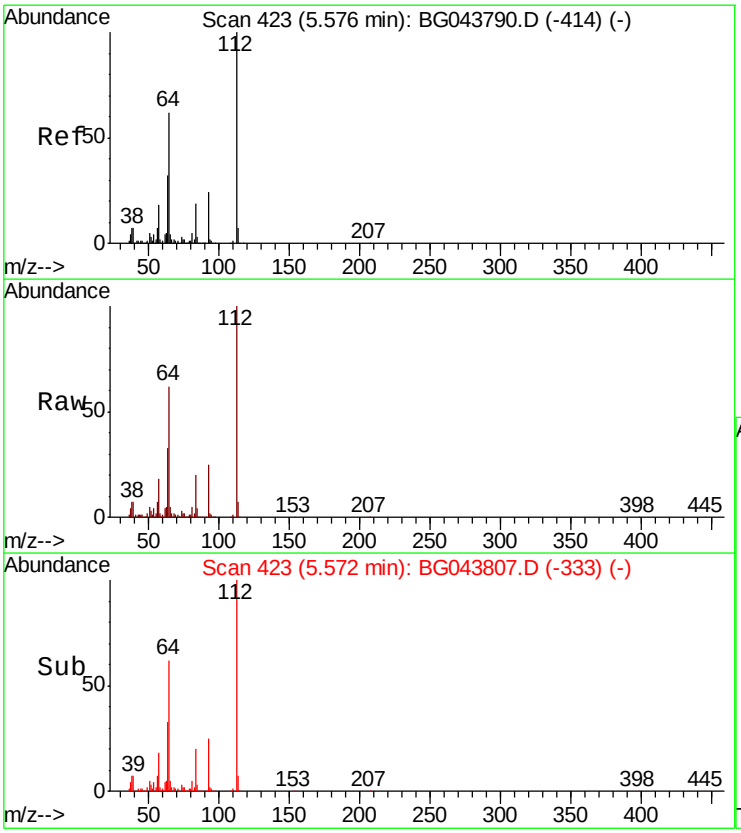
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion:152 Resp: 129343

Ion	Ratio	Lower	Upper
152	100		
150	162.3	128.6	192.8
115	54.5	44.3	66.5

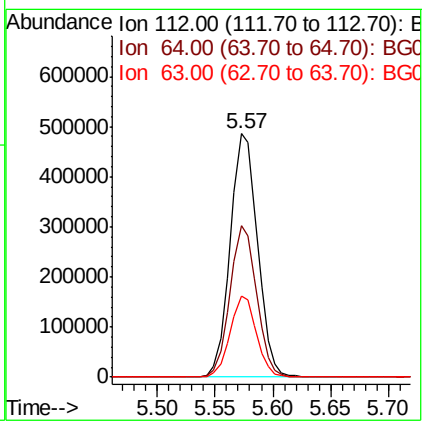


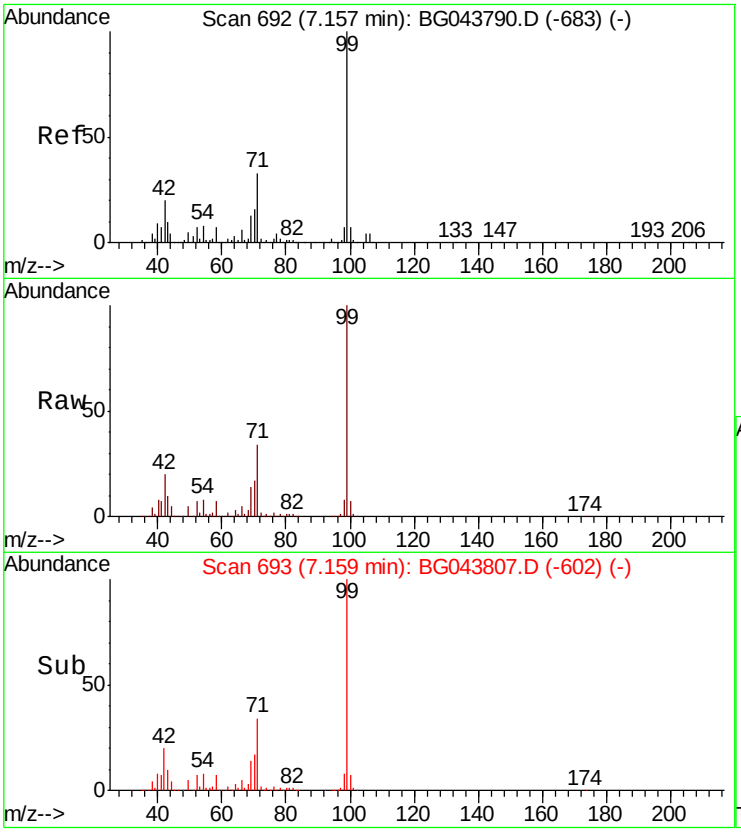


#5
2-Fluorophenol
Concen: 116.344 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion:112 Resp: 794217

Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.9	74.9
63	33.3	26.0	39.0



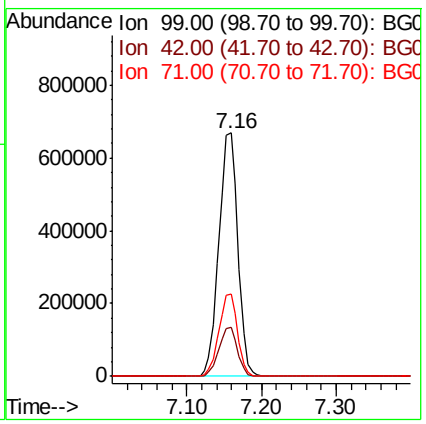


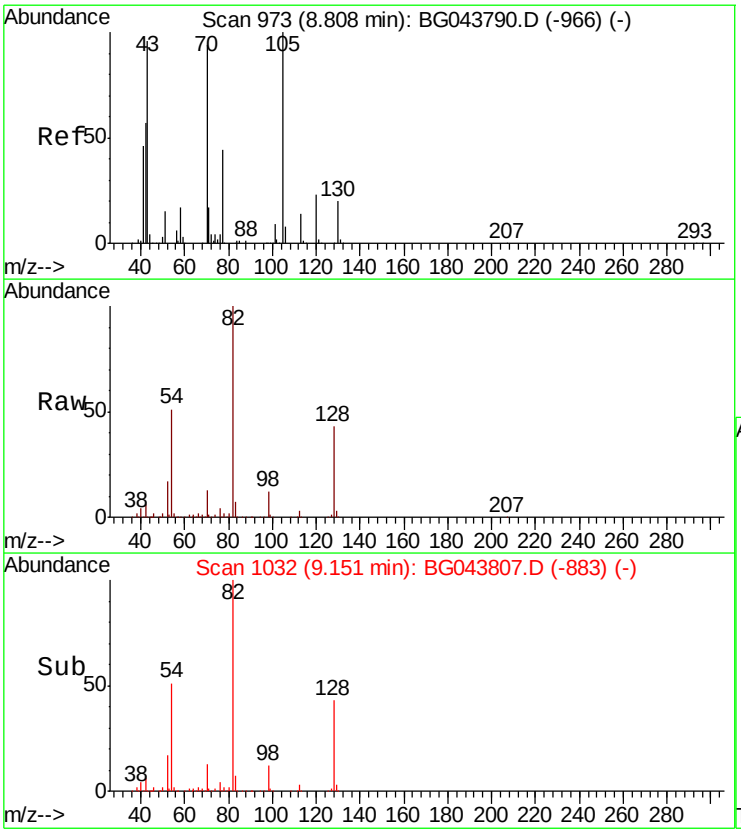
#7
Phenol-d6
Concen: 120.341 ng
RT: 7.16 min Scan# 693
Delta R.T. 0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion: 99 Resp: 1184766

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.2
71	33.8	26.6	40.0

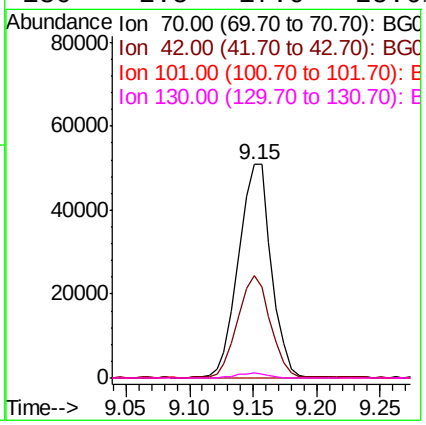


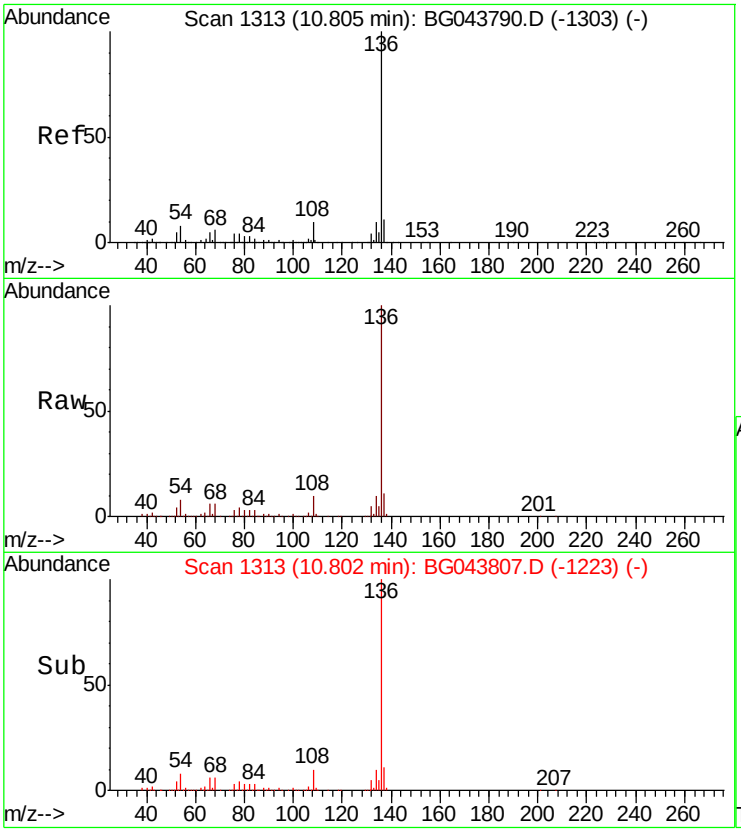


#19
n-Nitroso-di-n-propylamine
Concen: 12.197 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.34 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion: 70 Resp: 91806

Ion	Ratio	Lower	Upper
70	100		
42	47.8	49.2	73.8#
101	0.0	7.8	11.6#
130	2.5	17.0	25.6#



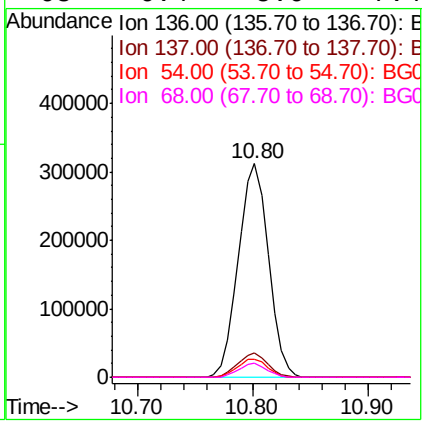


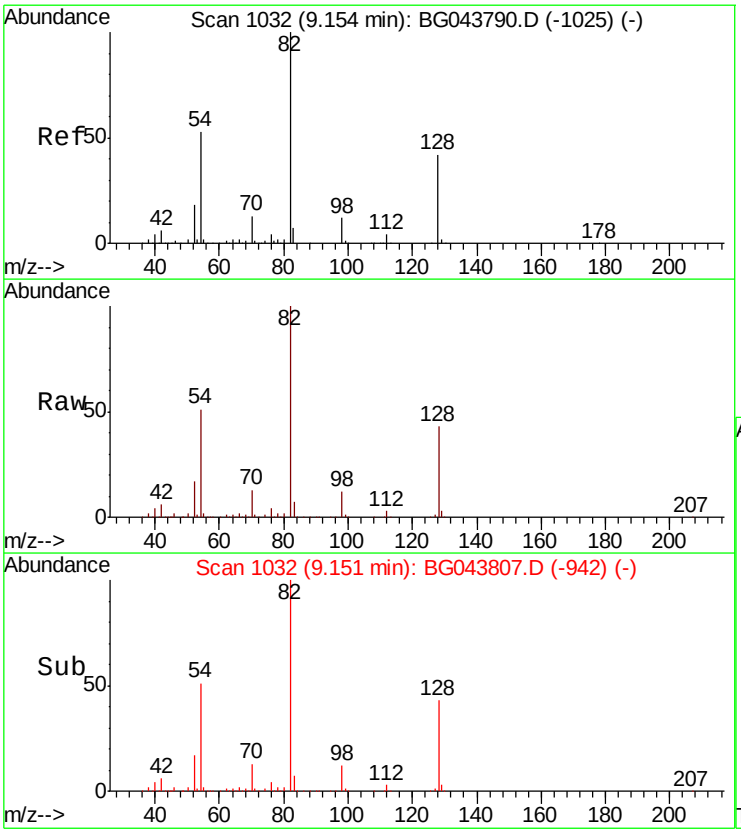
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion:136 Resp: 565952

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.4	6.8	10.2
68	6.4	5.0	7.4

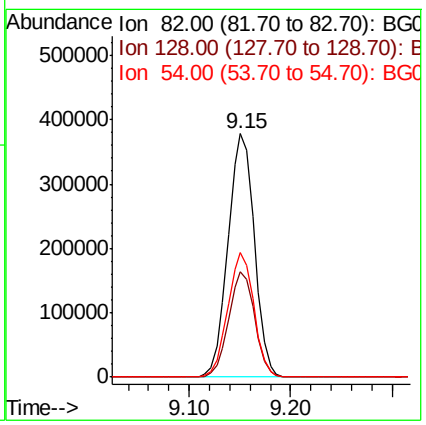


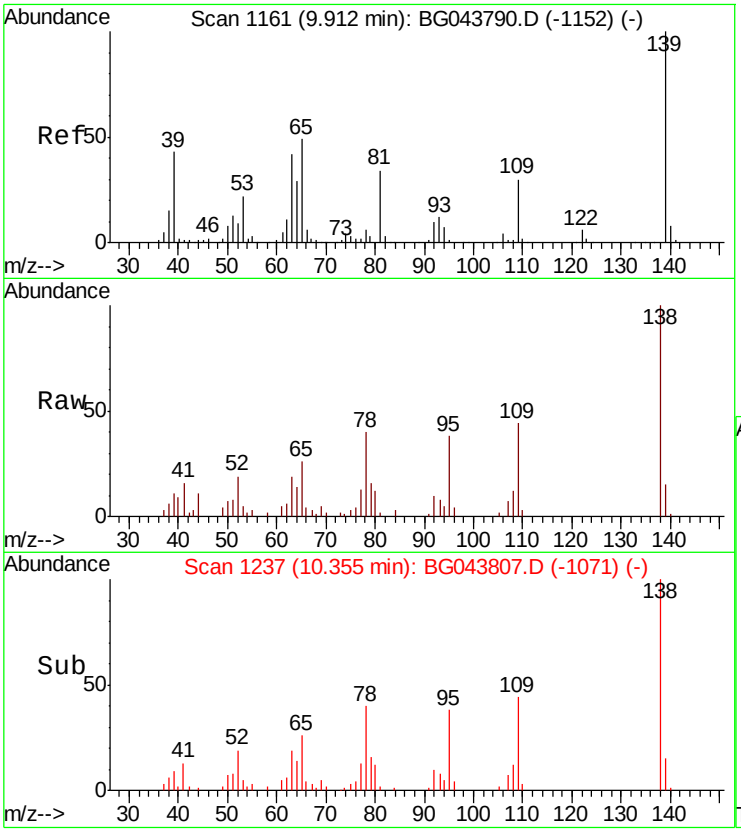


#23
Nitrobenzene-d5
Concen: 67.589 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion: 82 Resp: 681282

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.6	50.4
54	51.4	42.1	63.1



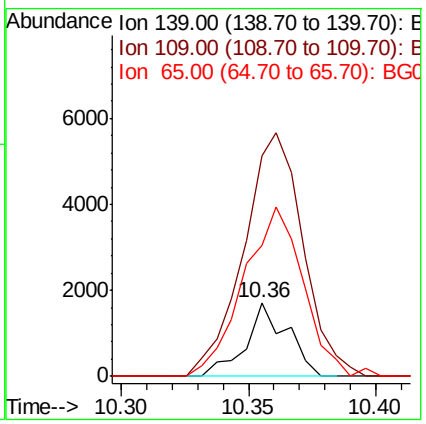


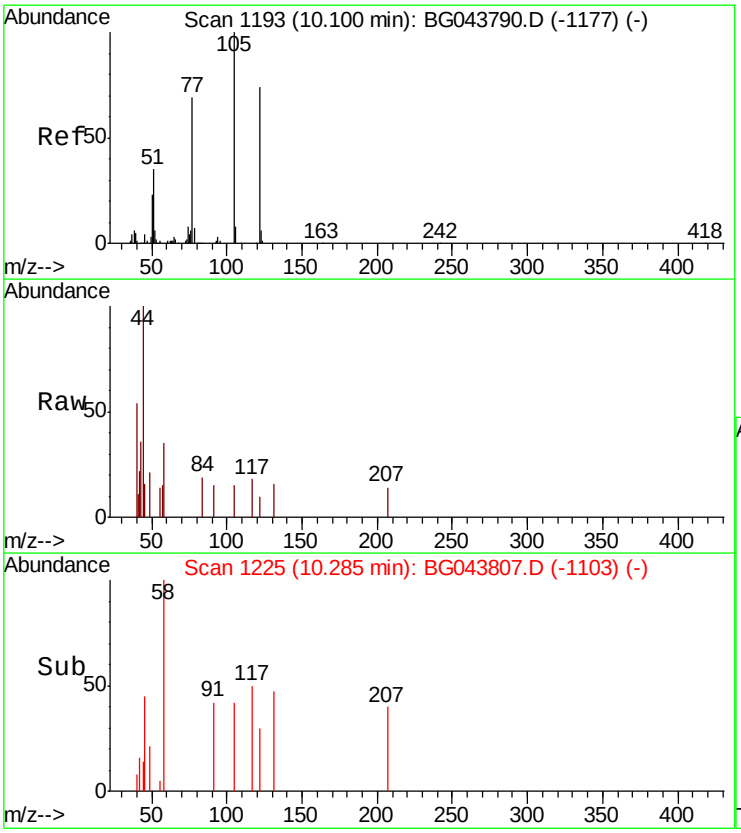
#26
2-Nitrophenol
Concen: 8.752 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.44 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion:139 Resp: 1962

Ion	Ratio	Lower	Upper
139	100		
109	298.5	23.9	35.9#
65	178.1	39.3	58.9#

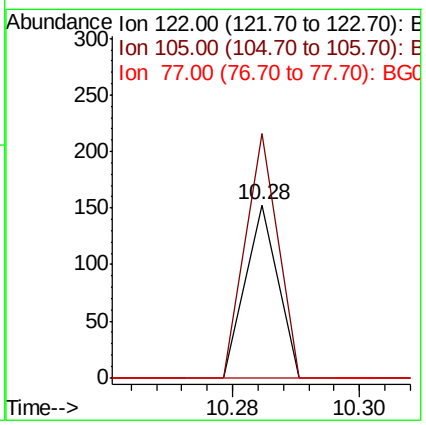


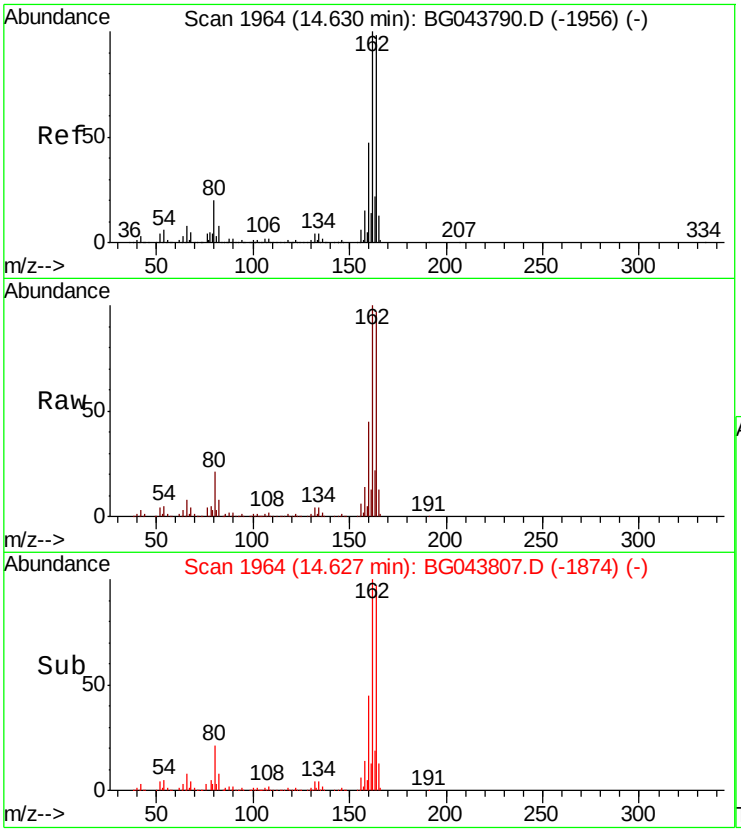


#32
Benzoic acid
Concen: 5.658 ng
RT: 10.28 min Scan# 1225
Delta R.T. 0.18 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	141.2	107.5	147.5
77	0.0	71.7	111.7#



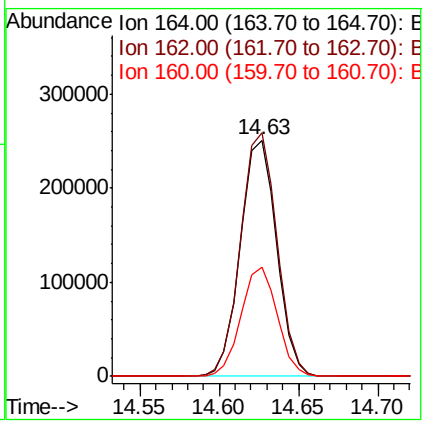


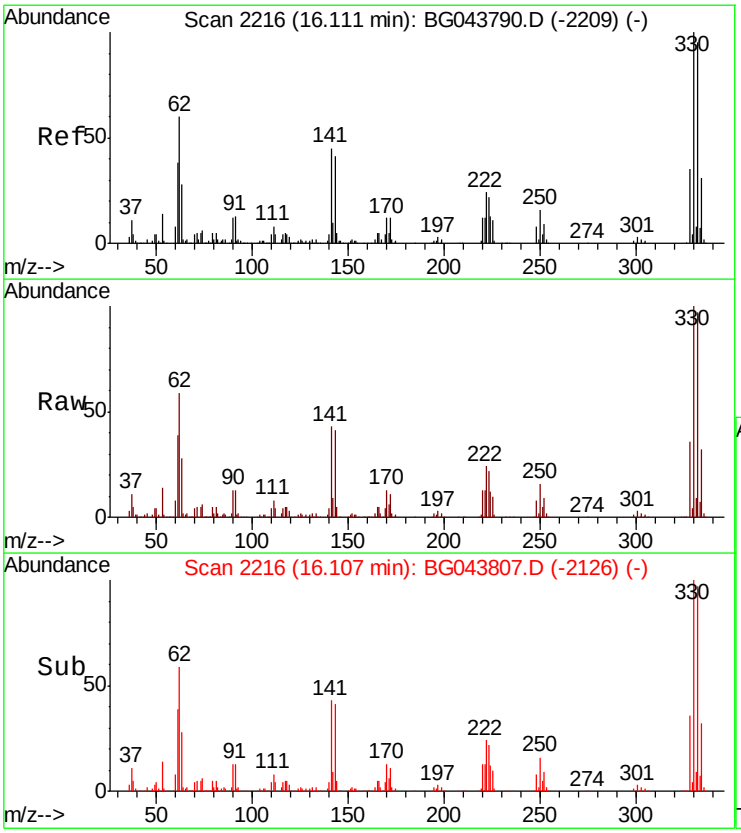
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion:164 Resp: 400290

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.9	122.9
160	46.1	38.3	57.5

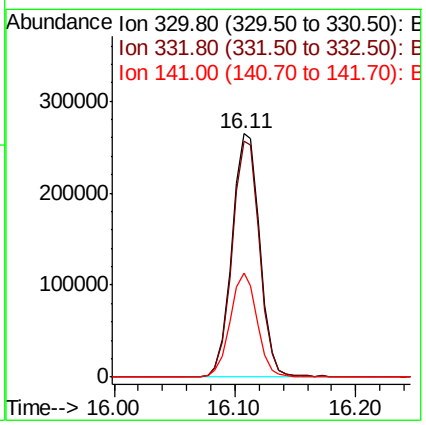


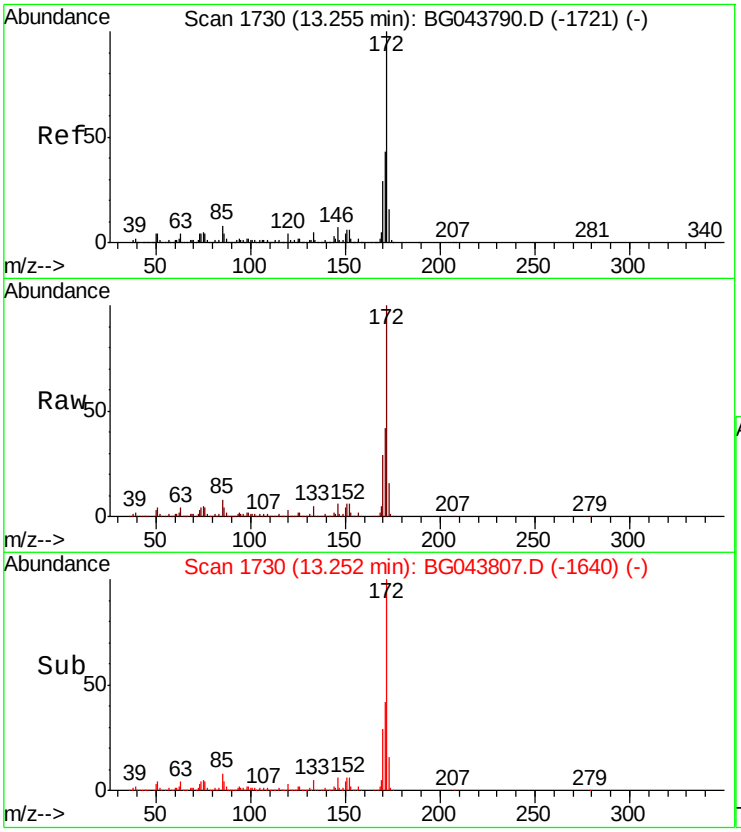


#42
2,4,6-Tribromophenol
Concen: 110.605 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion:330 Resp: 422088

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	41.6	33.8	50.8



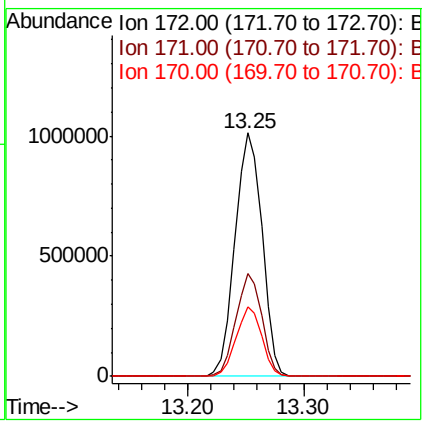


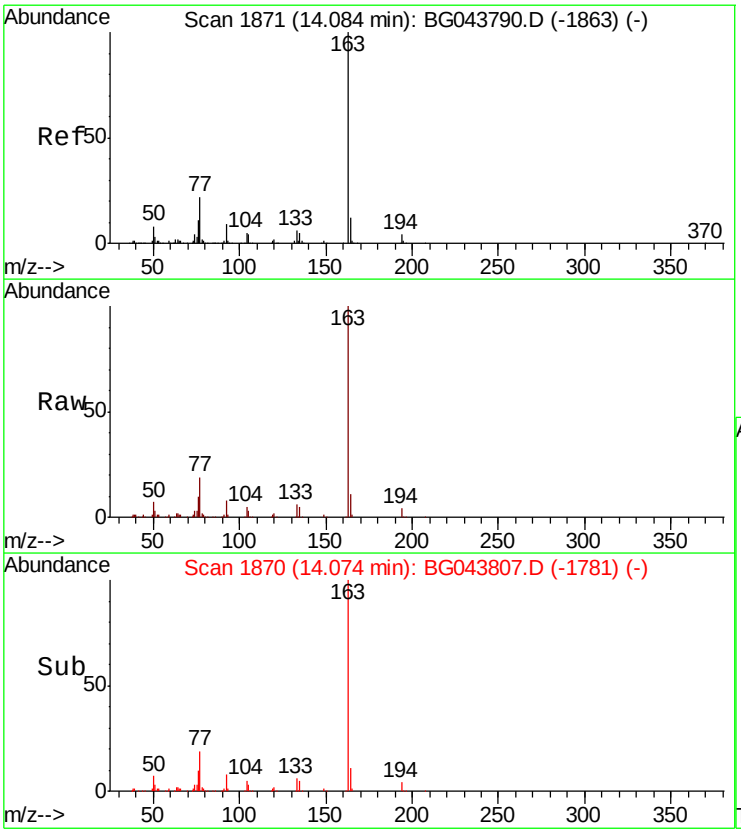
#45
2-Fluorobiphenyl
Concen: 72.069 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion:172 Resp: 1642331

Ion	Ratio	Lower	Upper
172	100		
171	42.3	34.6	51.8
170	28.7	23.3	34.9

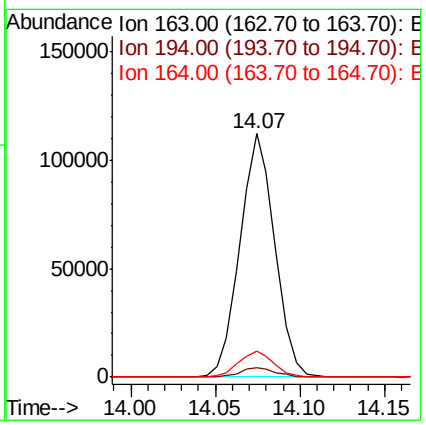


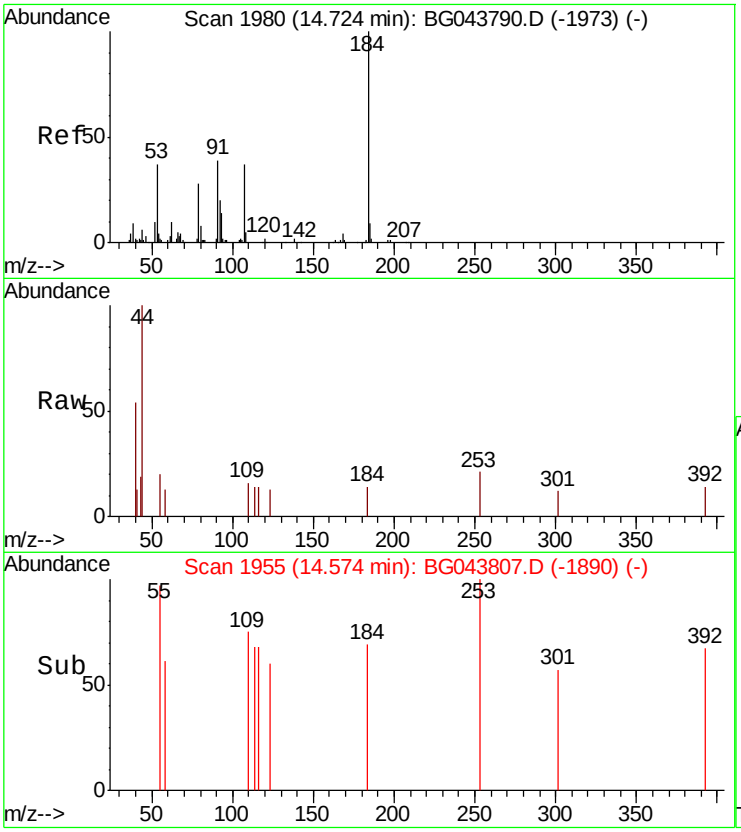


#50
Dimethylphthalate
Concen: 5.629 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion:163 Resp: 160822

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.6	9.4	14.0



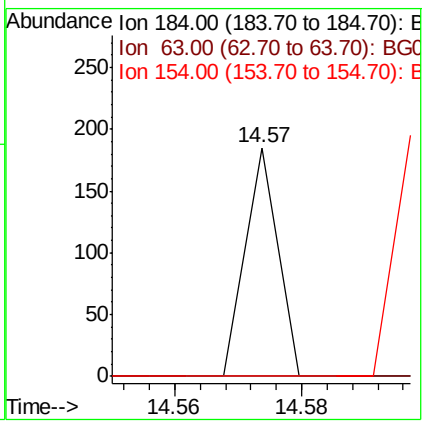


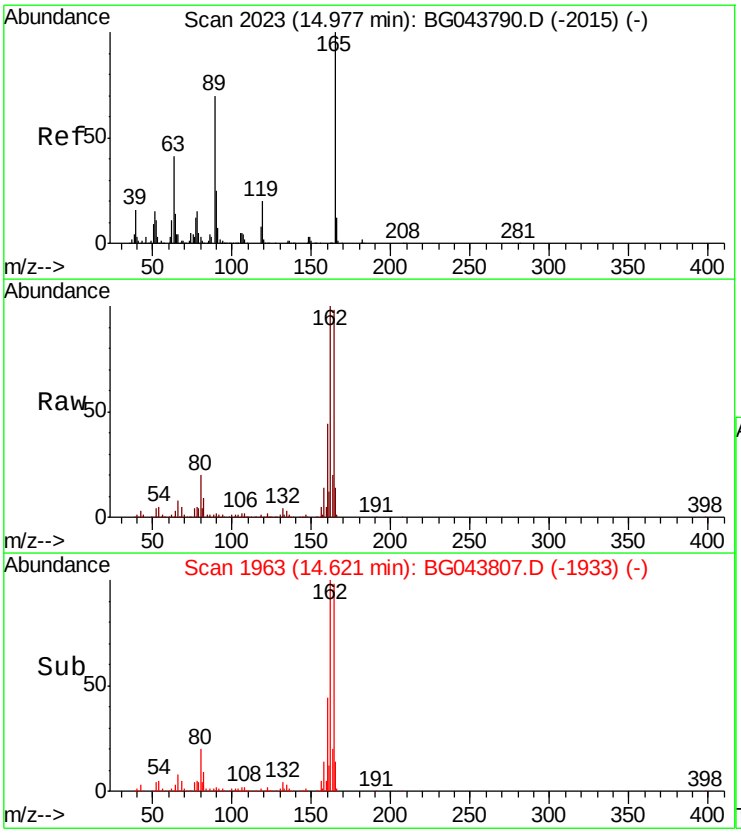
#54
2,4-Dinitrophenol
Concen: 3.978 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.15 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion:184 Resp: 65

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

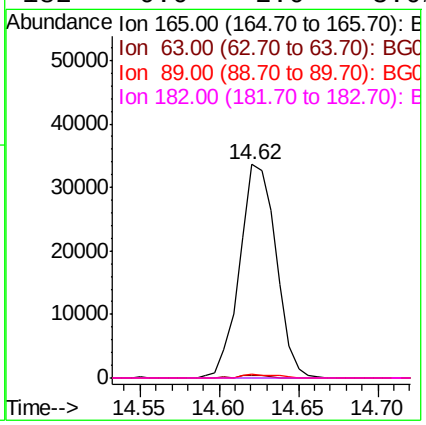


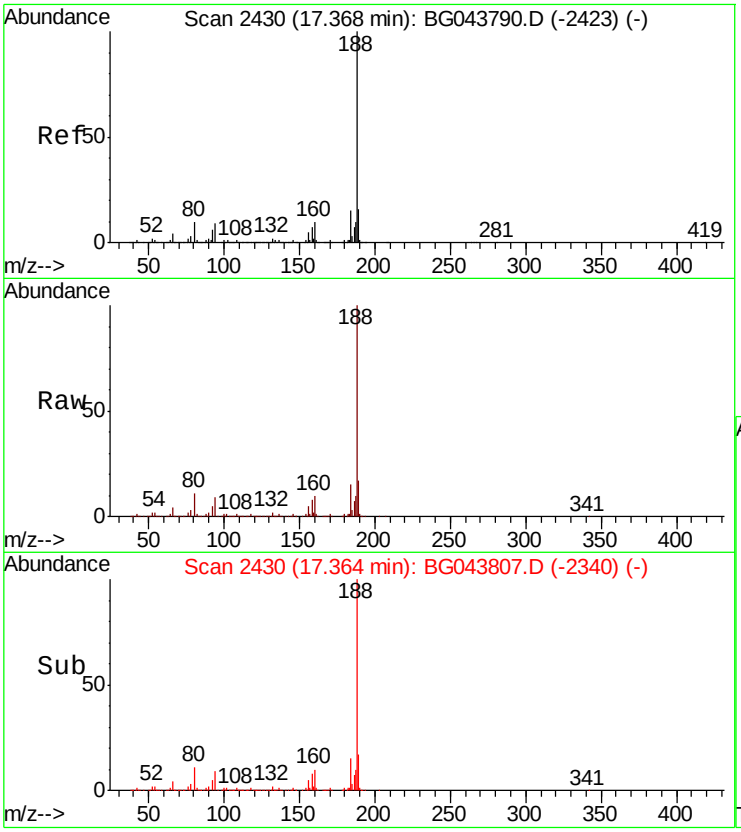


#57
2,4-Dinitrotoluene
Concen: 6.450 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.36 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion:165 Resp: 53660

Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.7	49.1#
89	1.6	56.1	84.1#
182	0.0	2.0	3.0#



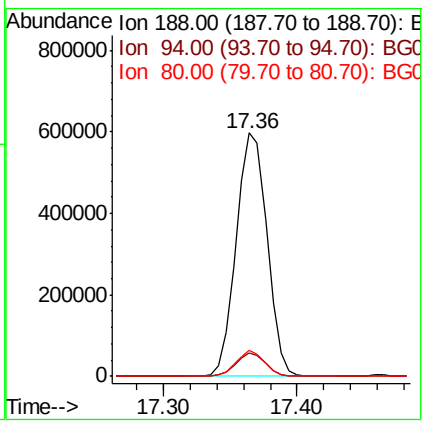


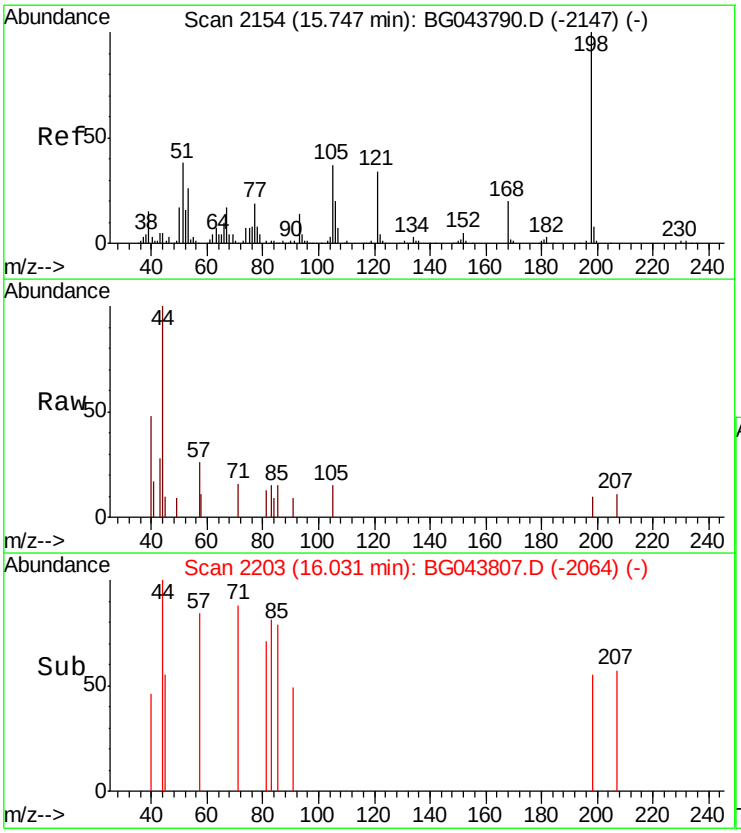
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion:188 Resp: 955487

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.9	10.3
80	10.6	7.8	11.8

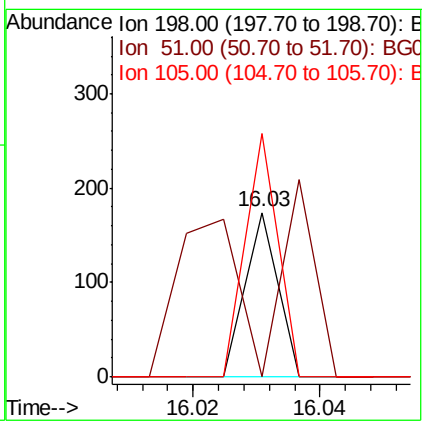


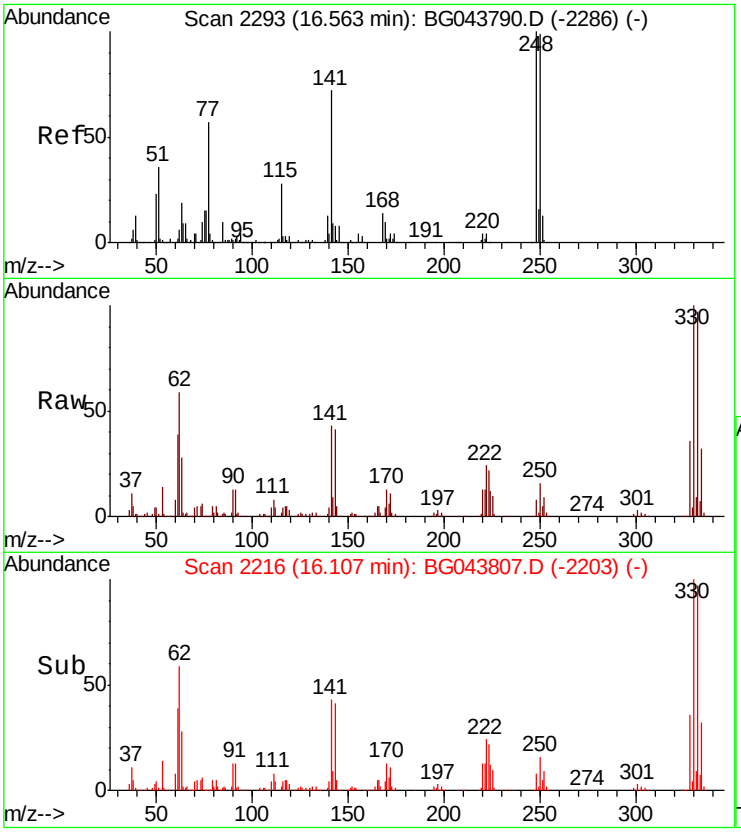


#65
4,6-Dinitro-2-methylphenol
Concen: 9.514 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.28 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion:198 Resp: 61

Ion	Ratio	Lower	Upper
198	100		
51	0.0	18.9	58.9#
105	148.3	18.1	58.1#



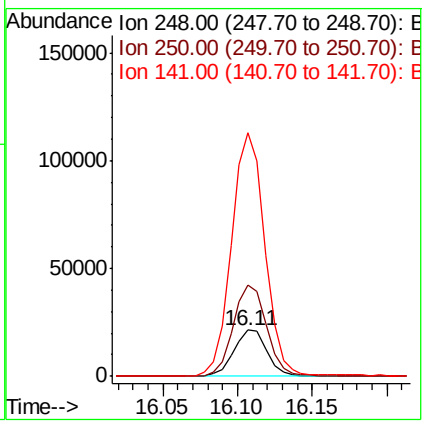


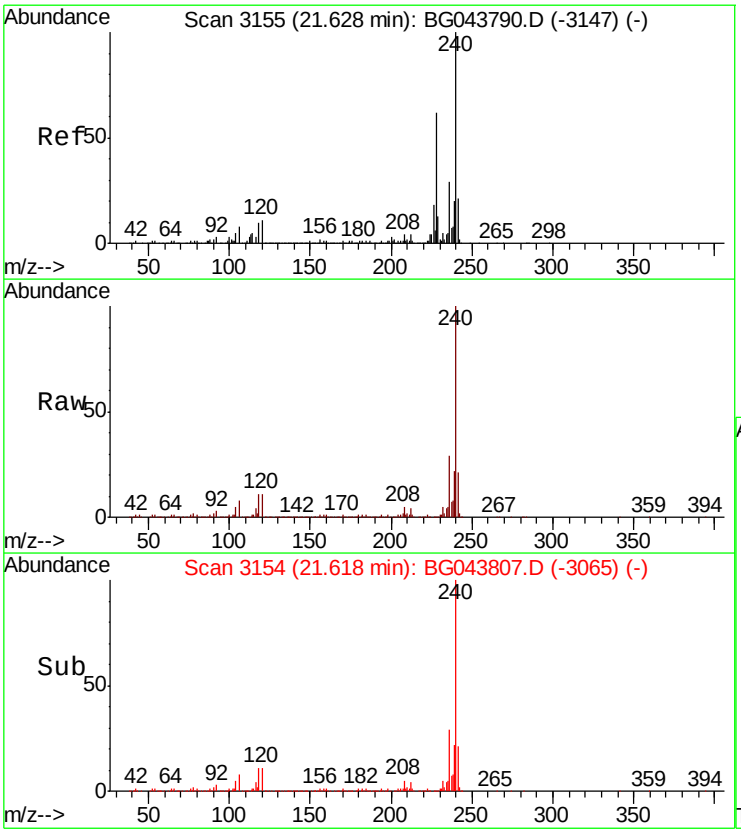
#67
4-Bromophenyl-phenylether
Concen: 3.214 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.46 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion:248 Resp: 32829

Ion	Ratio	Lower	Upper
248	100		
250	198.8	79.0	118.6#
141	528.9	57.8	86.6#

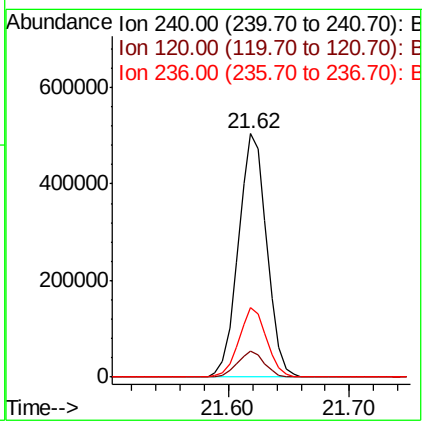


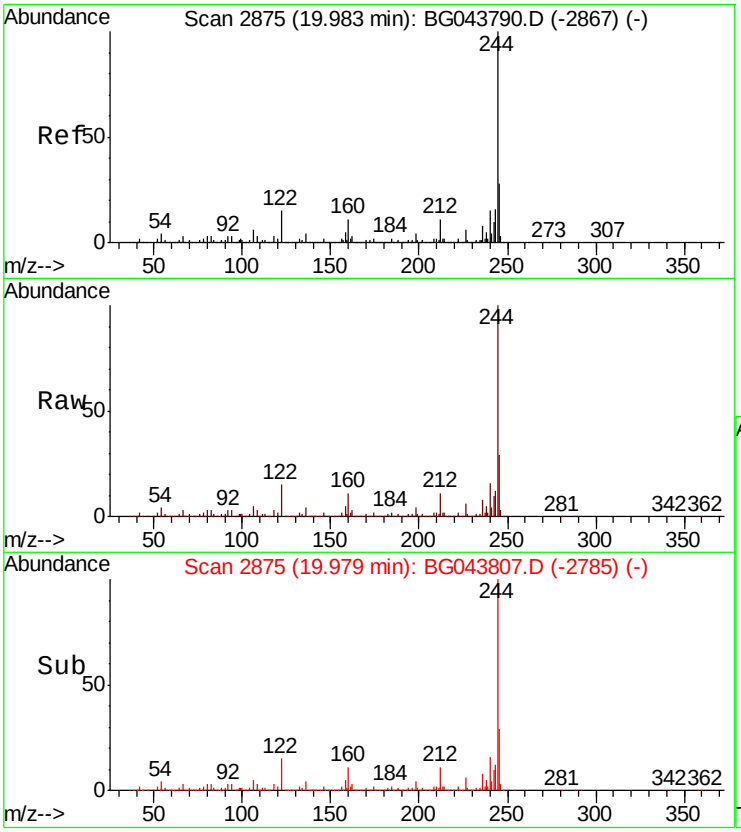


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion:240 Resp: 823771

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	12.8
236	28.7	23.1	34.7



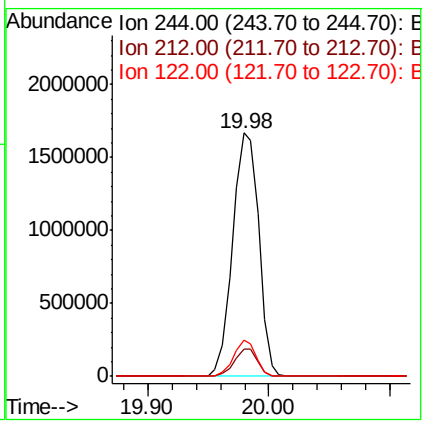


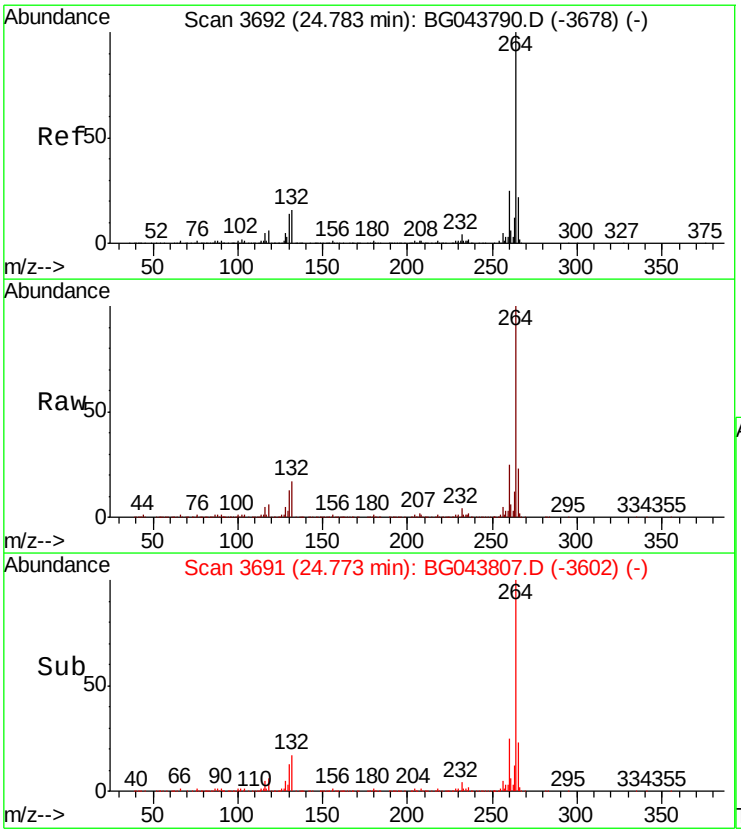
#79
Terphenyl-d14
Concen: 73.412 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-COMP-2

Tgt Ion:244 Resp: 2513730

Ion	Ratio	Lower	Upper
244	100		
212	11.4	9.1	13.7
122	14.9	11.6	17.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG043807.D
Acq: 11 Dec 2019 22:43

Tgt Ion:264 Resp: 917830

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	22.9	17.9	26.9