Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043436.D
Acq On : 31 Oct 2019 16:27
Operator : JU
Sample : K5497-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 01 03:59:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43548	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	157403	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	118040	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	287486	20.00	ng		0.00
76) Chrysene-d12	21.66	240	329305	20.00	ng		0.00
87) Perylene-d12	24.86	264	390517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	271026	114.04	ng		0.00
7) Phenol-d6	7.21	99	391387	114.47	ng		0.00
23) Nitrobenzene-d5	9.19	82	233704	76.55	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	248225	110.50	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	548436	64.20	ng		0.00
79) Terphenyl-d14	20.00	244	1047206	59.66	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	8711	2.788	ng		81
19) n-Nitroso-di-n-propylamine	9.19	70	32148	14.550	ng	#	71
50) Dimethylphthalate	14.10	163	60168	6.581	ng		99
51) 2,6-Dinitrotoluene	14.65	165	16347	8.230	ng	#	25
57) 2,4-Dinitrotoluene	14.65	165	16347	5.759	ng	#	26
67) 4-Bromophenyl-phenylether	16.14	248	15198	3.928	ng	#	1
75) Fluoranthene	19.45	202	44394	2.313	ng		96
77) Benzidine	20.00	184	14454	2.181	ng	#	92
78) Pyrene	19.81	202	41711	2.046	ng		96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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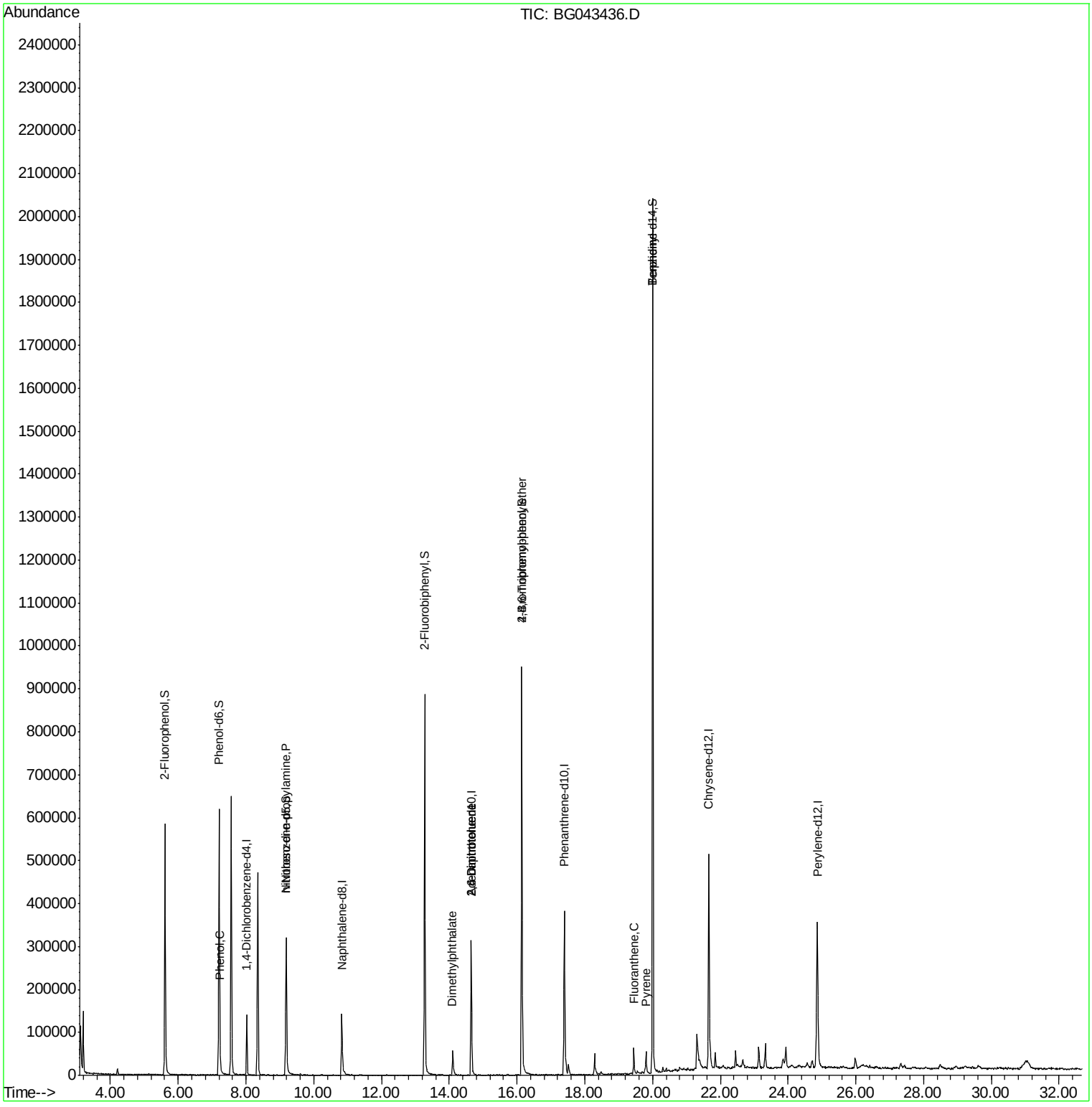
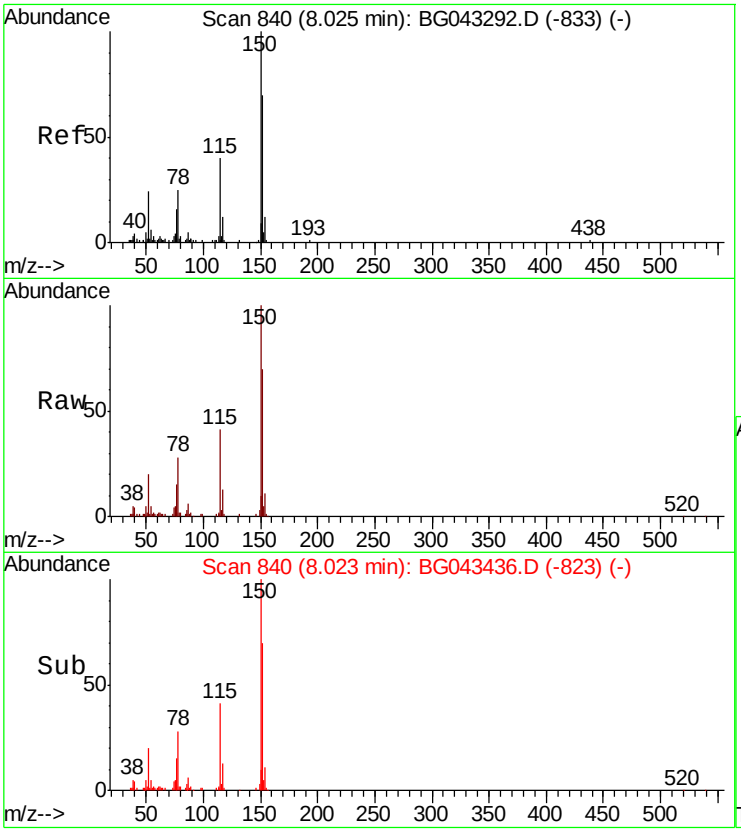
Response via : Initial Calibration



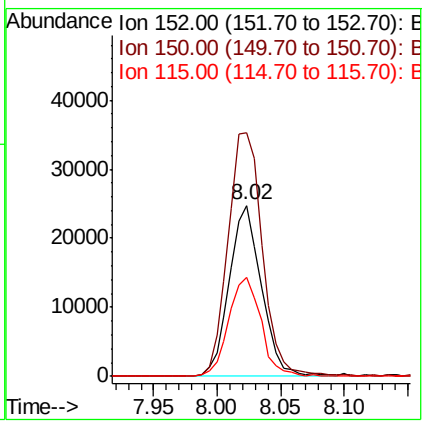


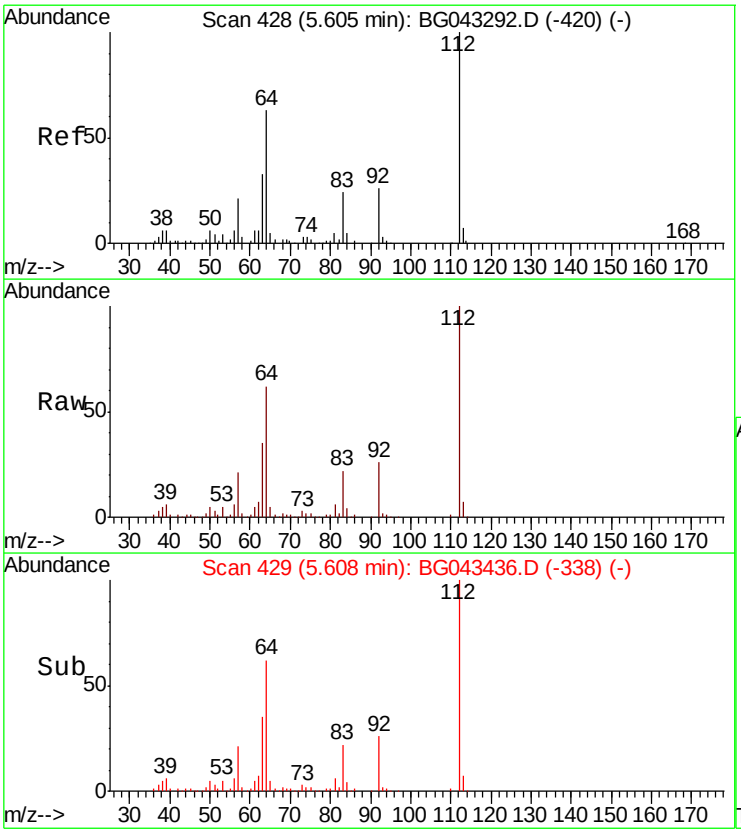
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43548

Ion	Ratio	Lower	Upper
152	100		
150	142.4	113.6	170.4
115	57.8	45.9	68.9

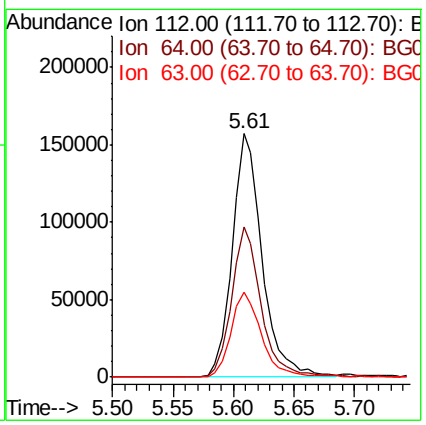


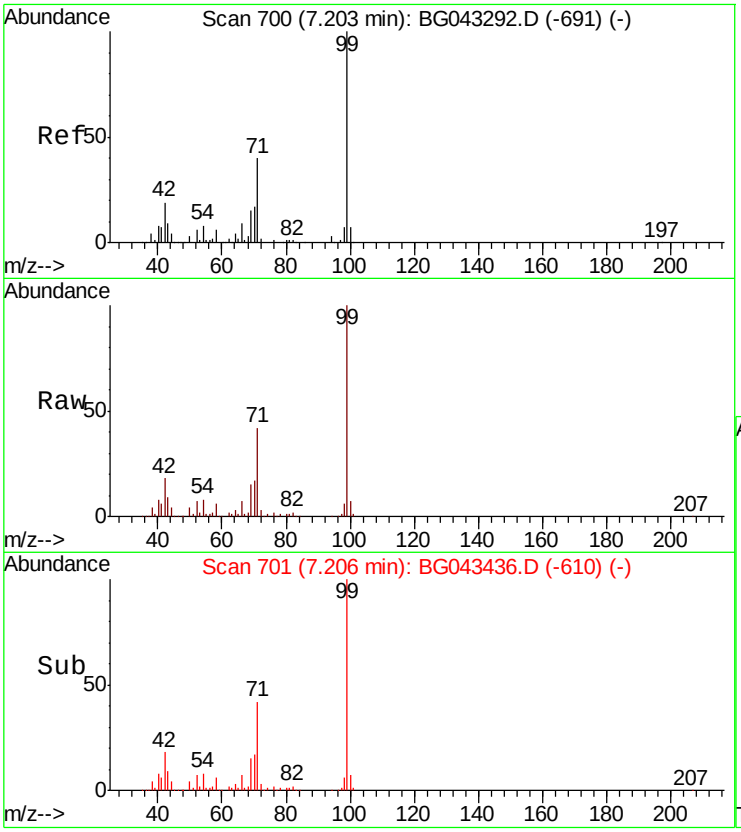


#5
2-Fluorophenol
Concen: 114.044 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion:112 Resp: 271026

Ion	Ratio	Lower	Upper
112	100		
64	61.9	50.2	75.2
63	34.6	26.7	40.1



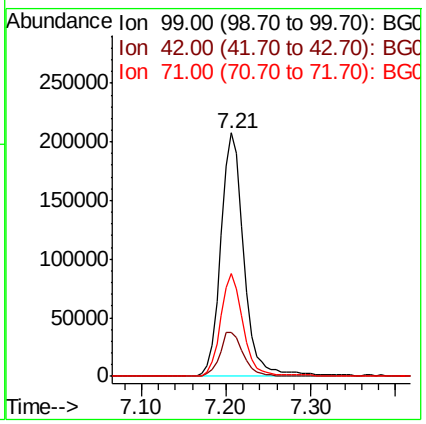


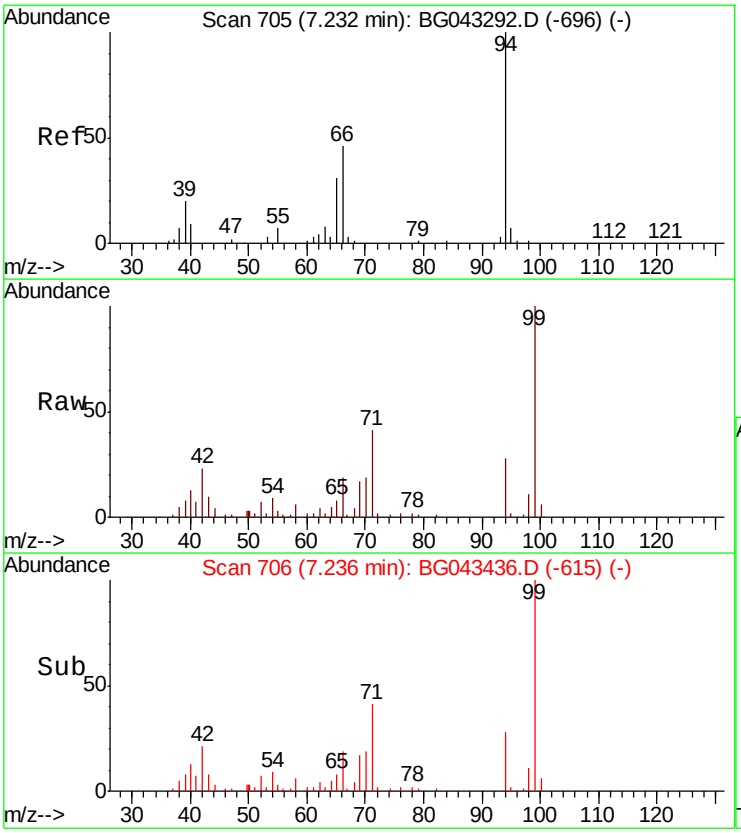
#7
Phenol-d6
Concen: 114.467 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 391387

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.9	22.3
71	42.1	32.2	48.2

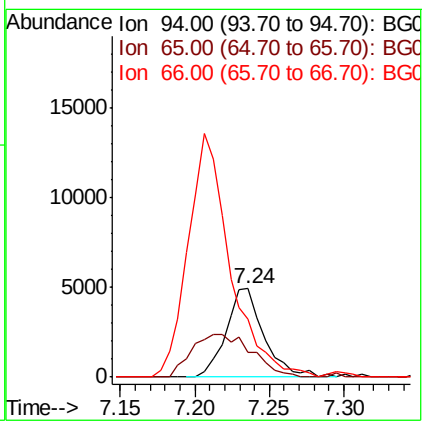


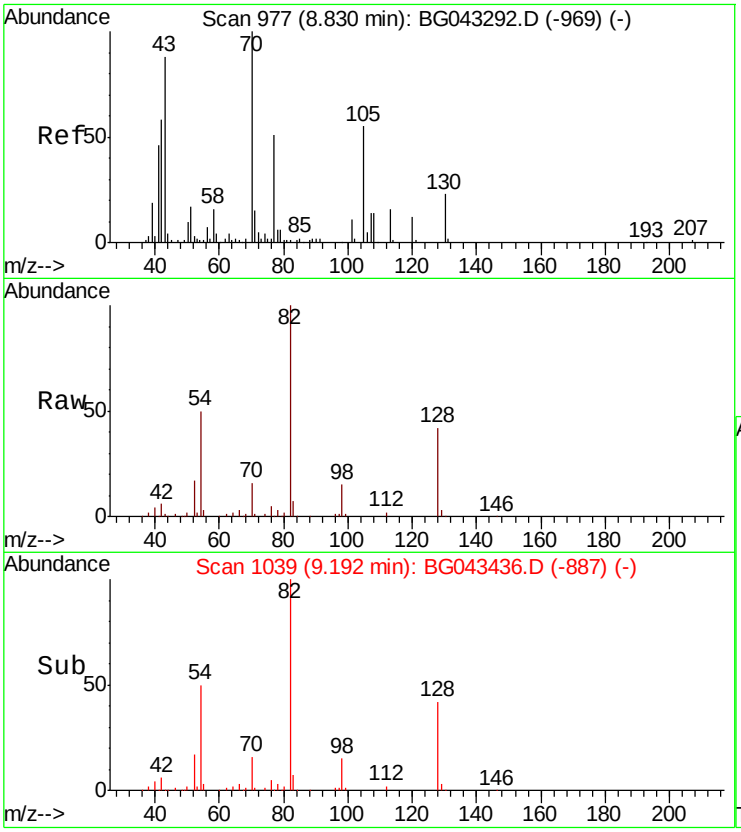


#10
Phenol
Concen: 2.788 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion: 94 Resp: 8711

Ion	Ratio	Lower	Upper
94	100		
65	27.6	11.1	51.1
66	66.1	27.8	67.8



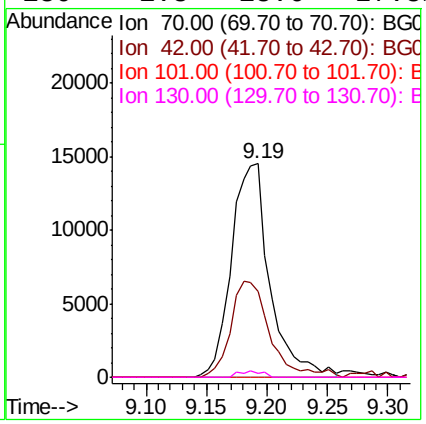


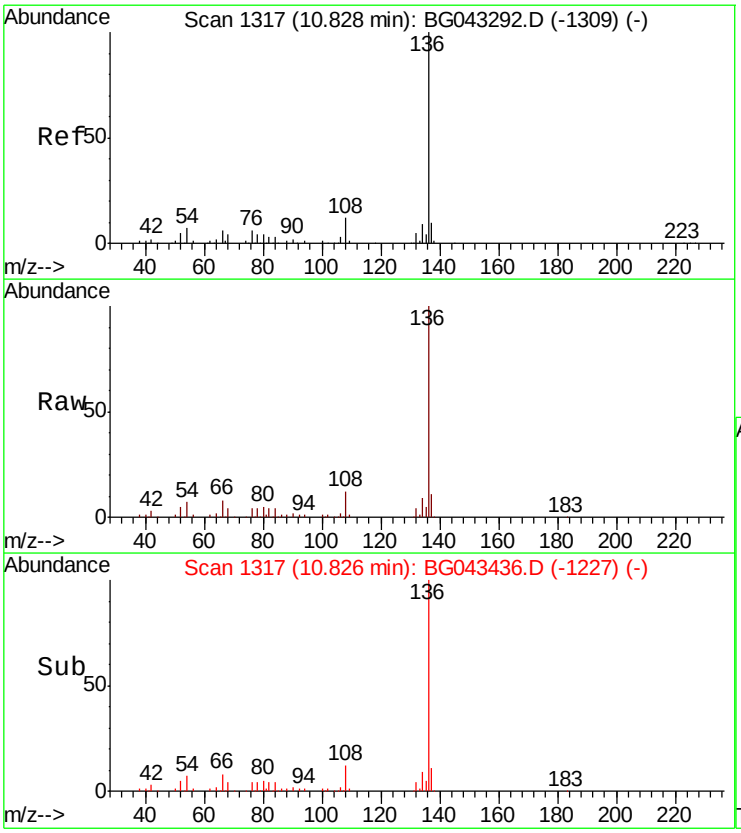
#19
n-Nitroso-di-n-propylamine
Concen: 14.550 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.36 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 32148

Ion	Ratio	Lower	Upper
70	100		
42	40.2	46.2	69.2#
101	0.0	8.6	13.0#
130	1.8	18.6	27.8#

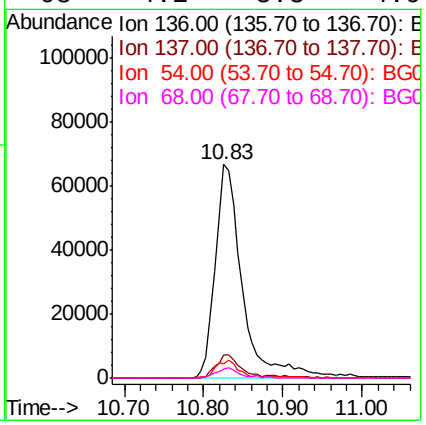


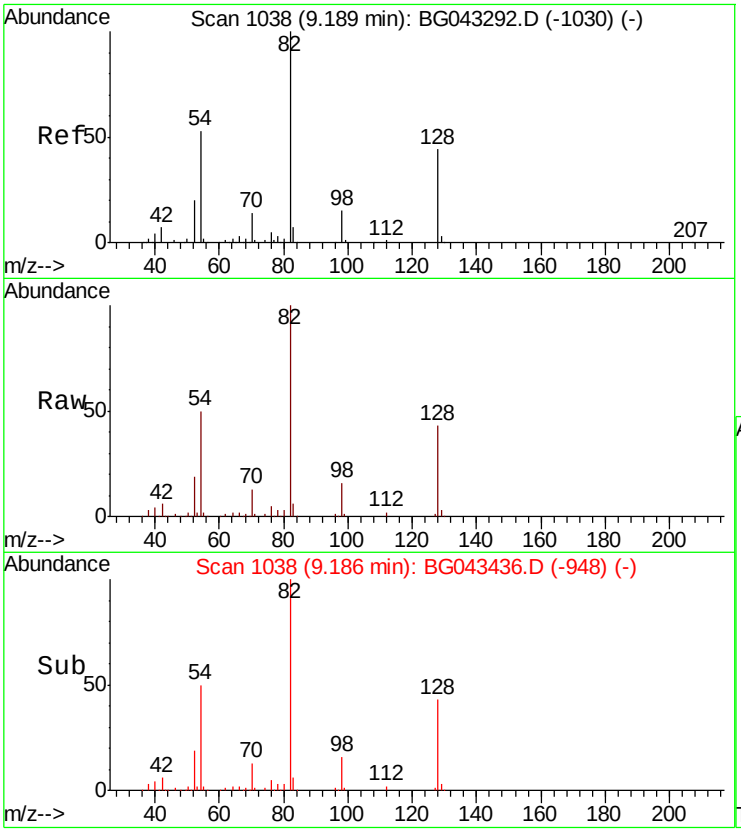


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion:136 Resp: 157403

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	6.8	5.4	8.2
68	4.2	3.3	4.9



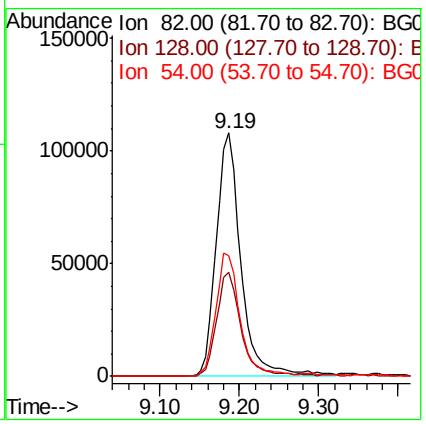


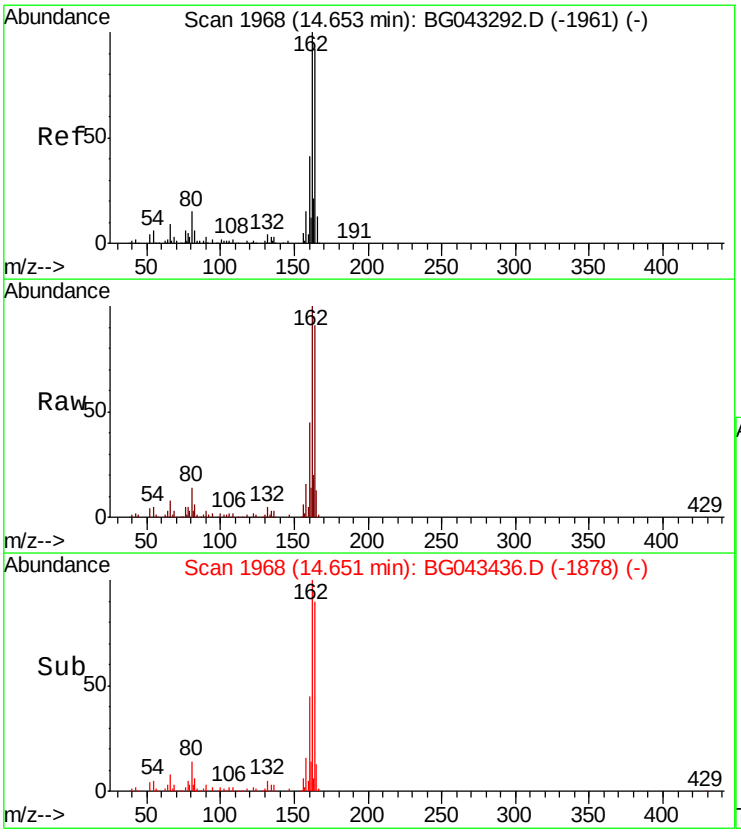
#23
Nitrobenzene-d5
Concen: 76.546 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 233704

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.3	52.9
54	49.7	42.3	63.5

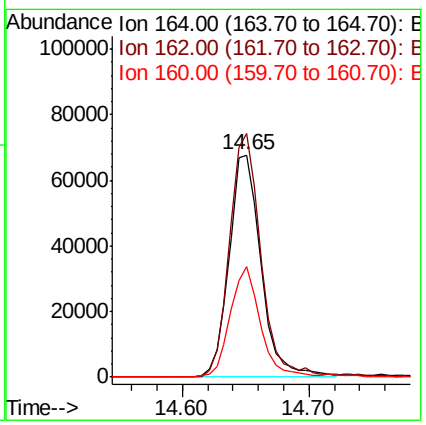


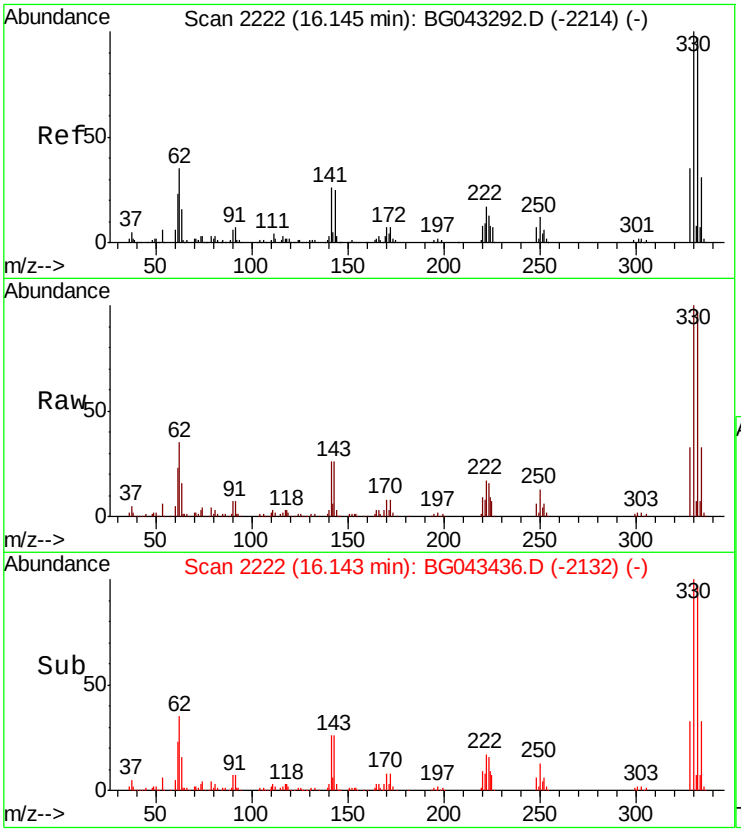


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion:164 Resp: 118040

Ion	Ratio	Lower	Upper
164	100		
162	109.7	87.0	130.4
160	49.9	35.5	53.3



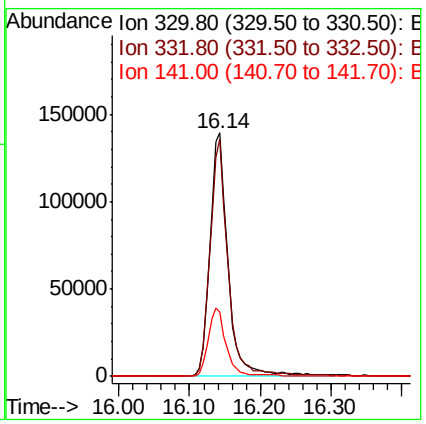


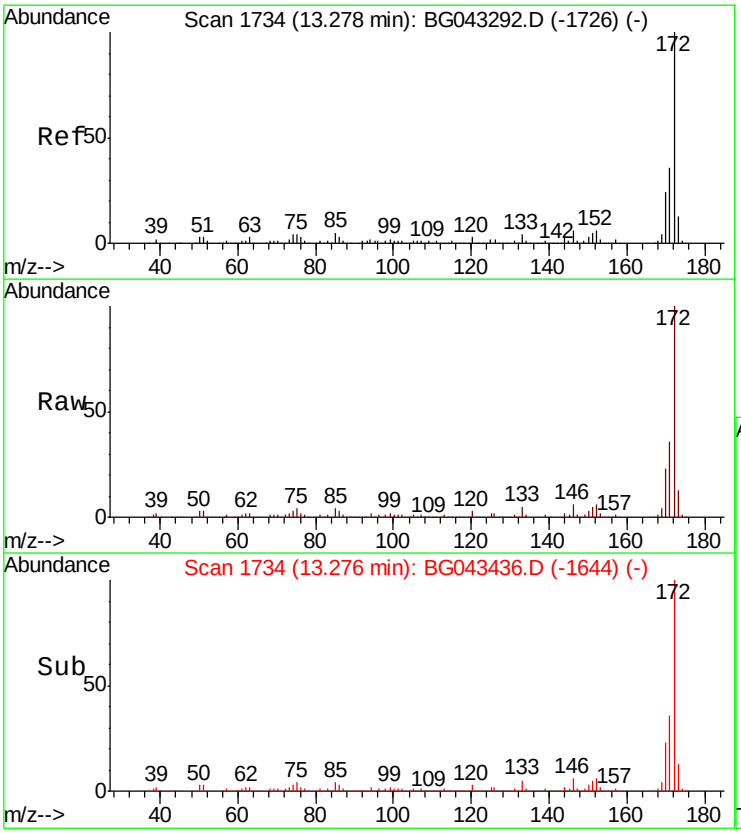
#42
2,4,6-Tribromophenol
Concen: 110.504 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 248225

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.4	114.6
141	27.8	21.4	32.0

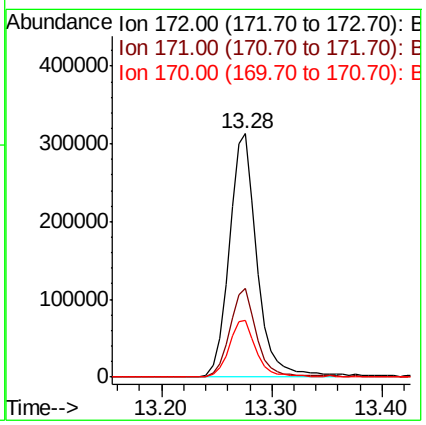


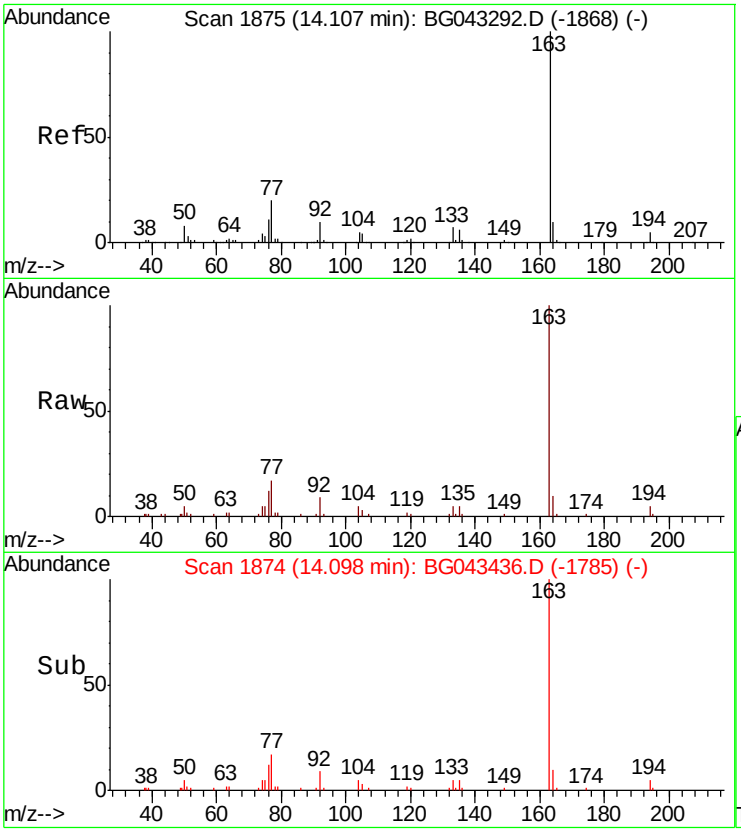


#45
2-Fluorobiphenyl
Concen: 64.201 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion:172 Resp: 548436

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	23.1	18.8	28.2



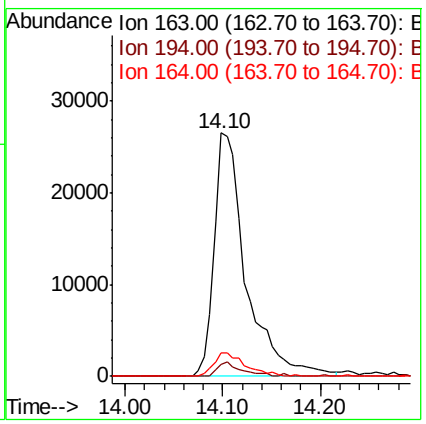


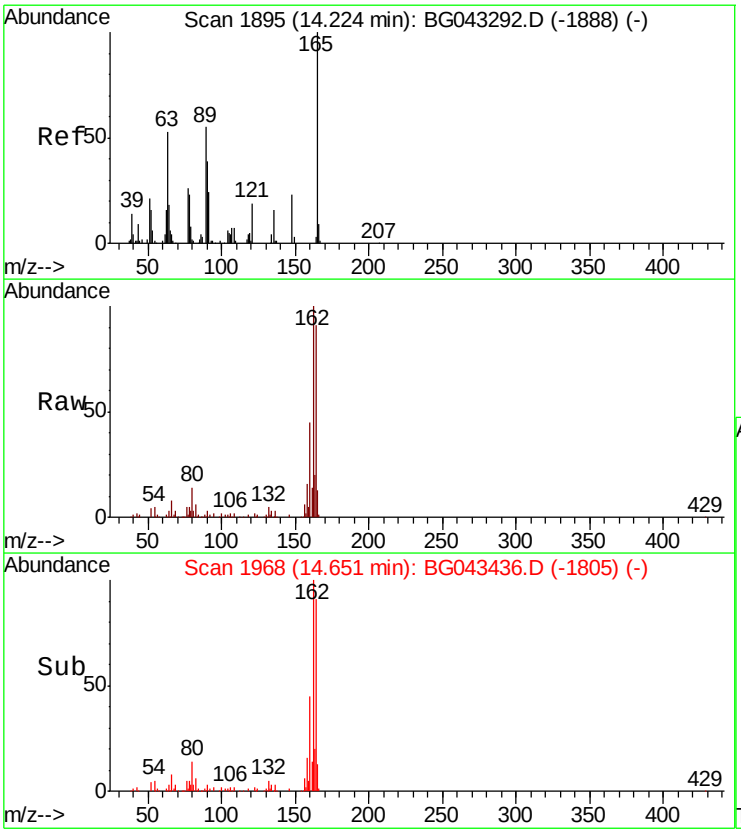
#50
Dimethylphthalate
Concen: 6.581 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 60168

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.7	5.5
164	9.8	8.1	12.1

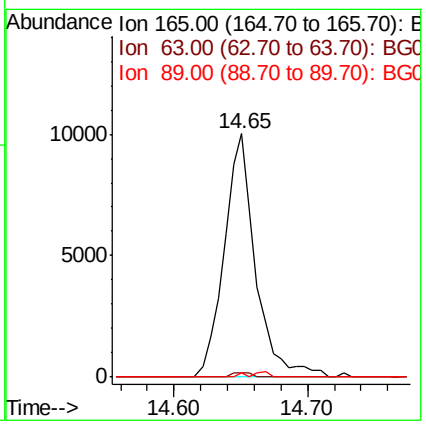


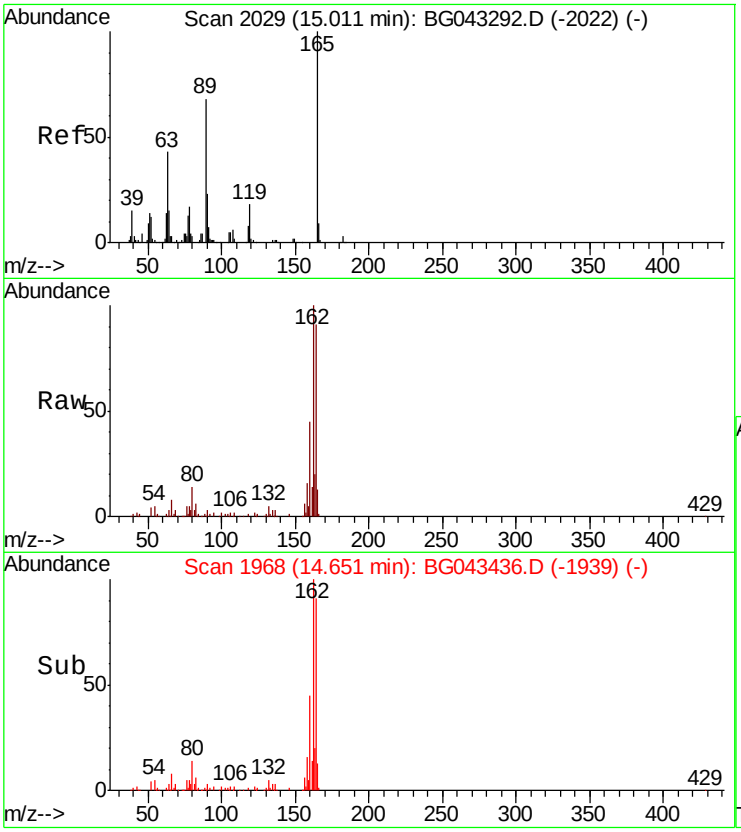


#51
2,6-Dinitrotoluene
Concen: 8.230 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.43 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion:165 Resp: 16347

Ion	Ratio	Lower	Upper
165	100		
63	1.6	47.1	70.7#
89	1.6	43.7	65.5#



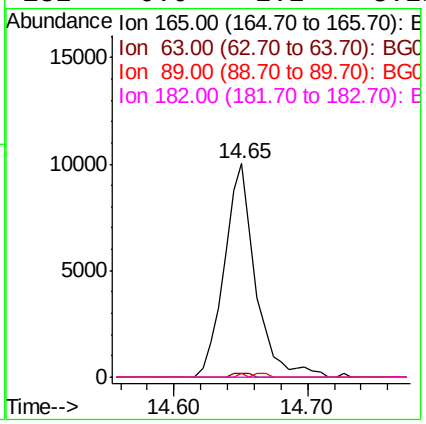


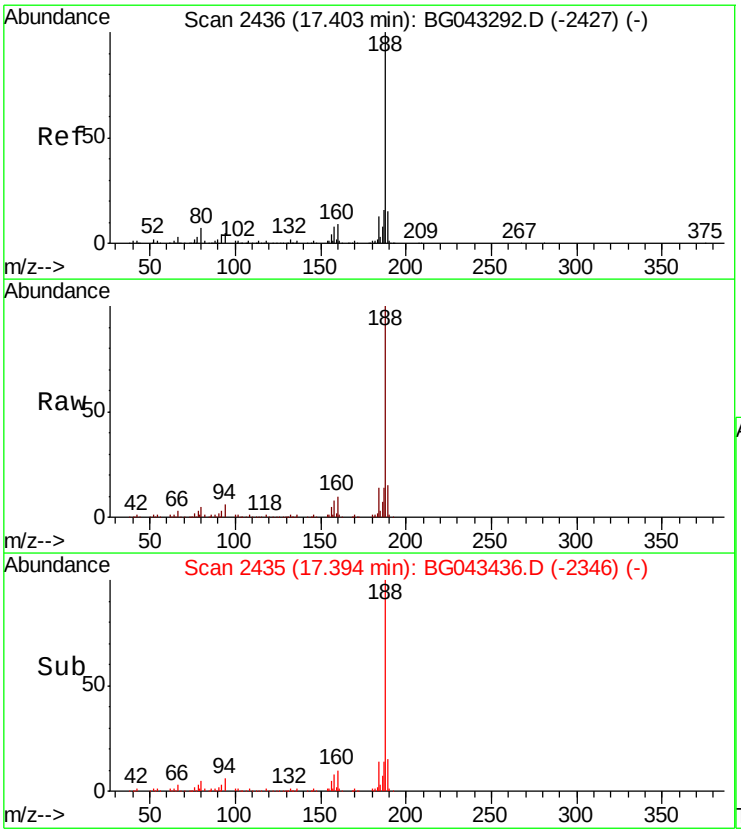
#57
2,4-Dinitrotoluene
Concen: 5.759 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16347

Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.0	52.6#
89	1.6	54.1	81.1#
182	0.0	2.2	3.2#

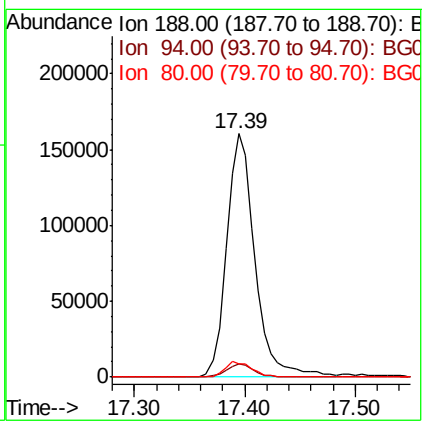


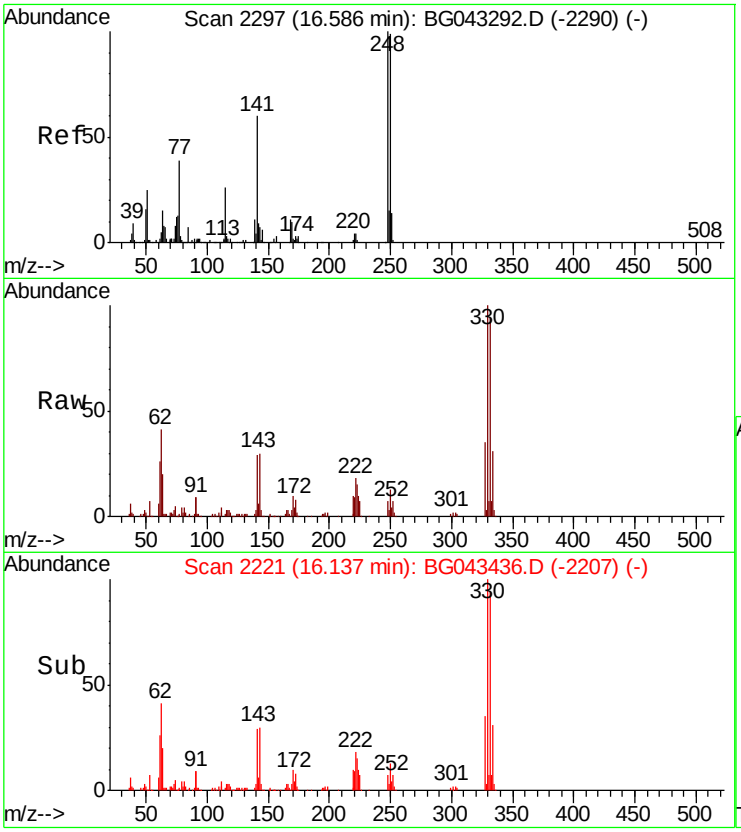


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion:188 Resp: 287486

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	5.4	5.2	7.8



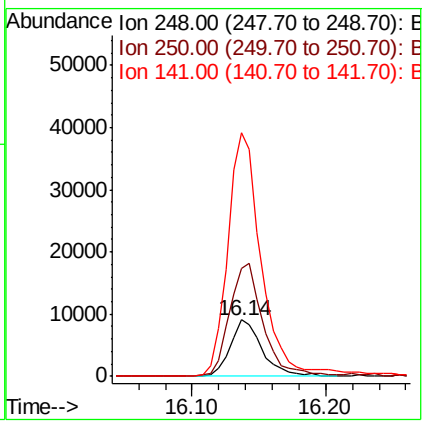


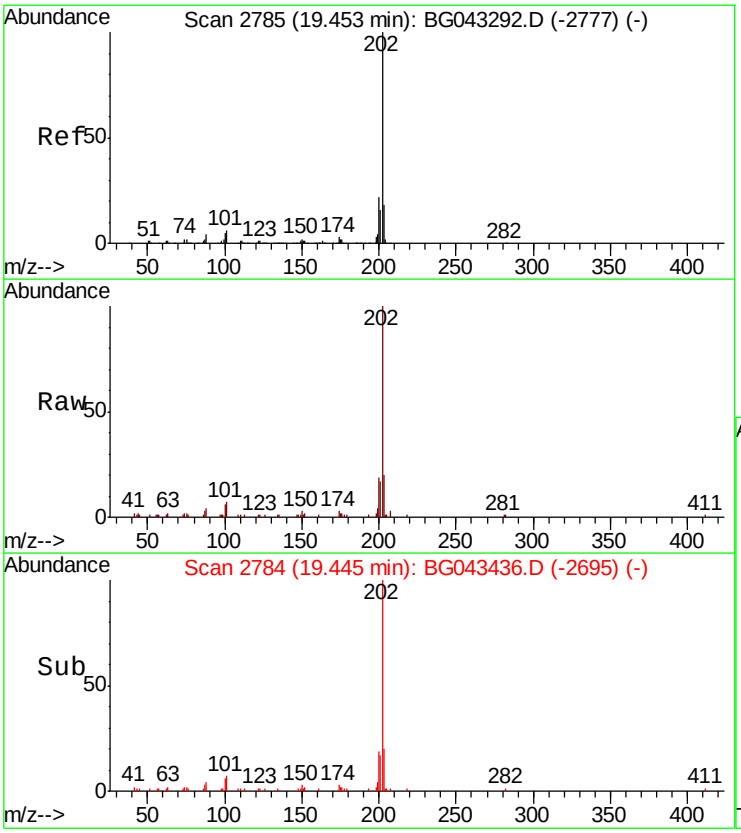
#67
4-Bromophenyl-phenylether
Concen: 3.928 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15198

Ion	Ratio	Lower	Upper
248	100		
250	190.8	79.3	118.9#
141	432.6	47.9	71.9#

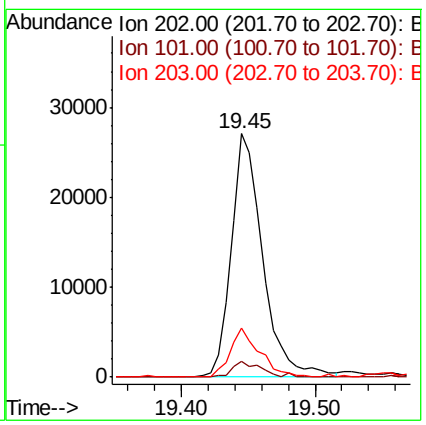


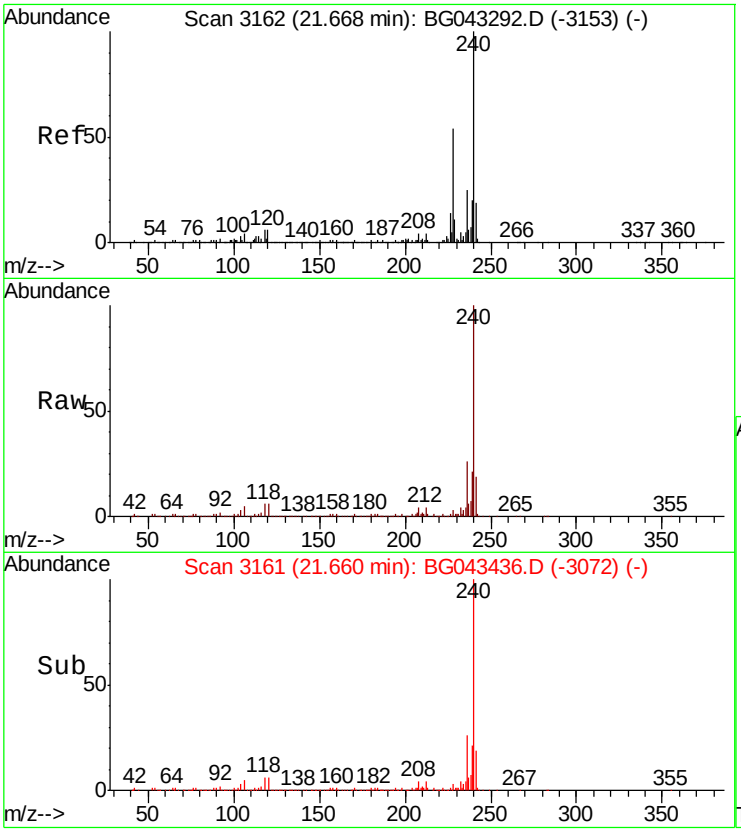


#75
Fluoranthene
Concen: 2.313 ng
RT: 19.45 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion:202 Resp: 44394

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	26.0
203	20.1	0.0	38.2



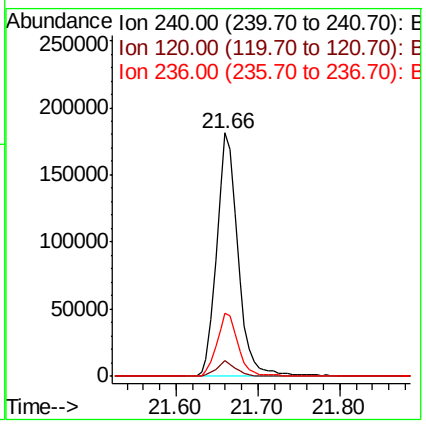


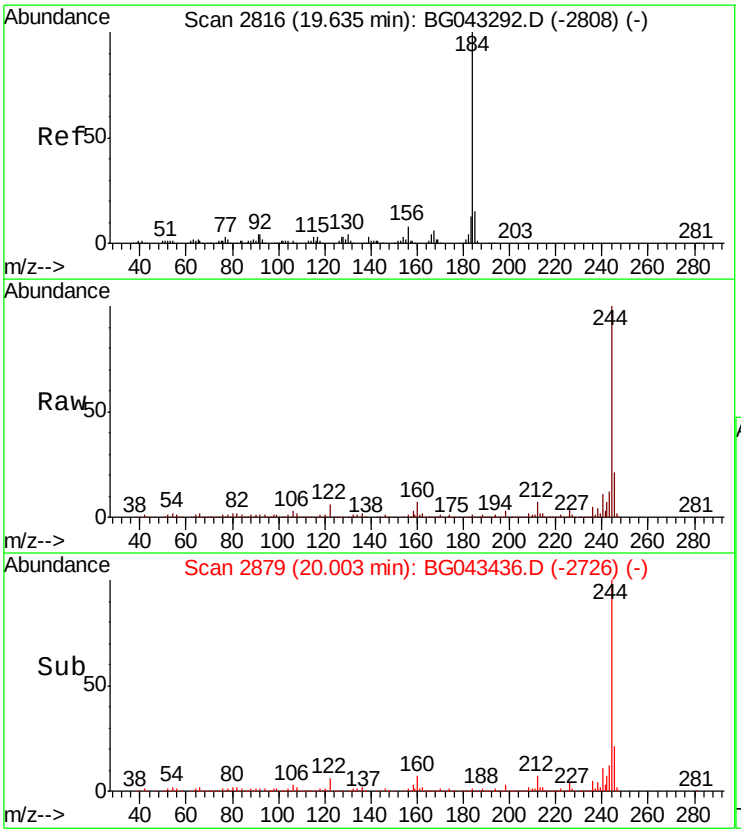
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 329305

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.6	7.0
236	25.9	20.2	30.4

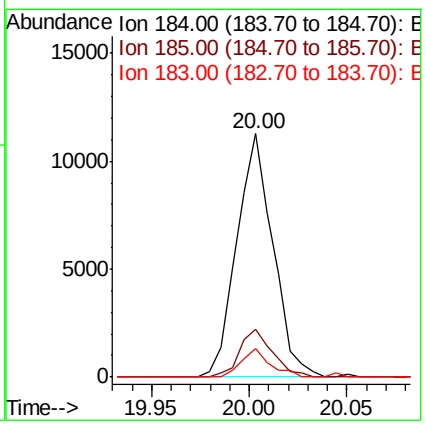


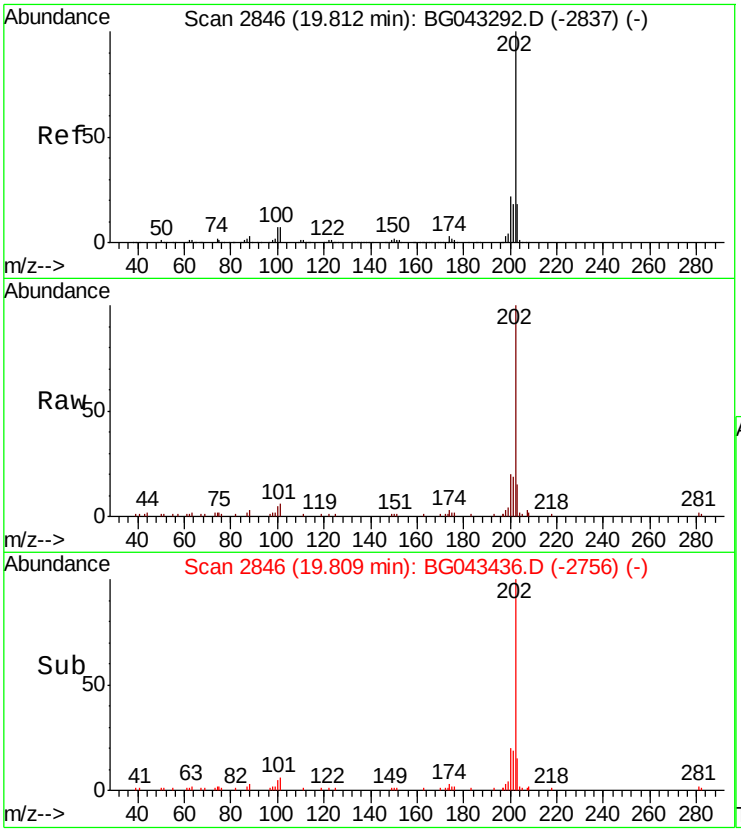


#77
Benzidine
Concen: 2.181 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion:184 Resp: 14454

Ion	Ratio	Lower	Upper
184	100		
185	19.5	11.8	17.6#
183	12.0	10.6	16.0



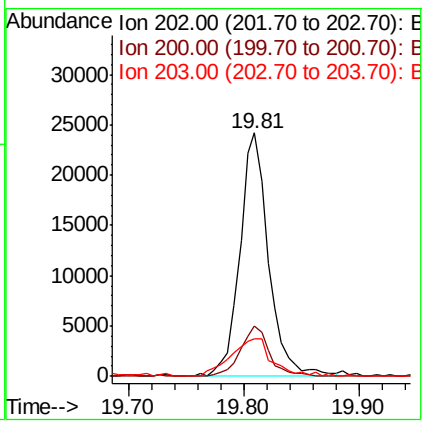


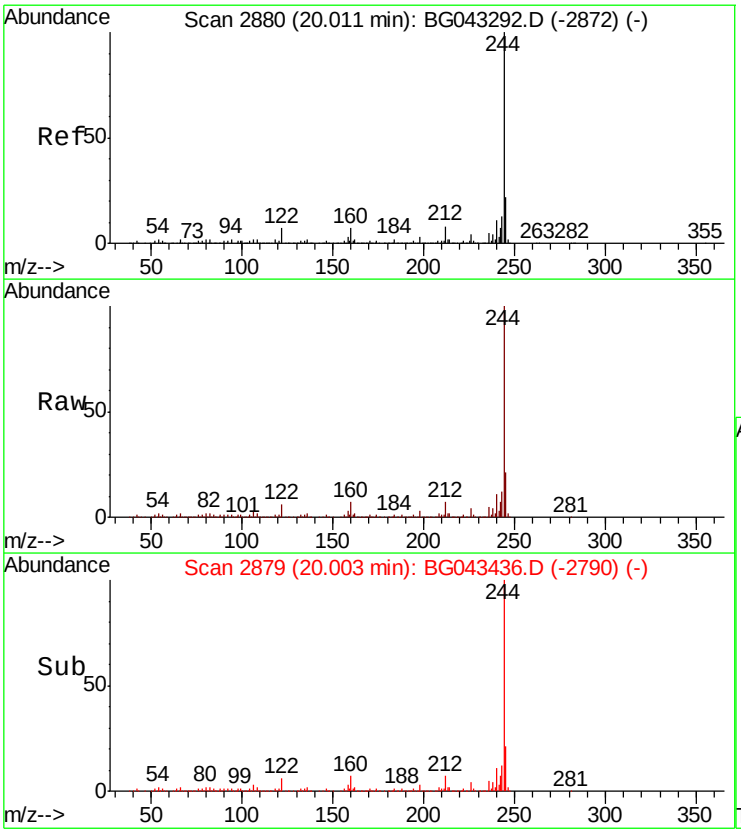
#78
Pyrene
Concen: 2.046 ng
RT: 19.81 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 41711

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.3	25.9
203	15.4	14.5	21.7

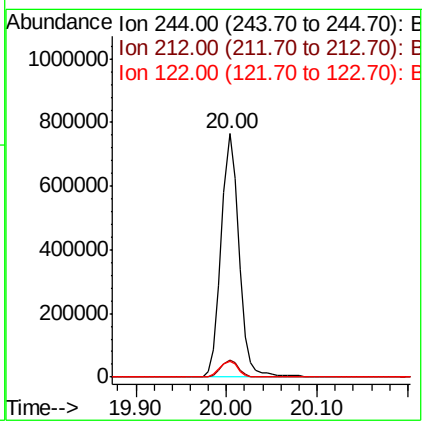


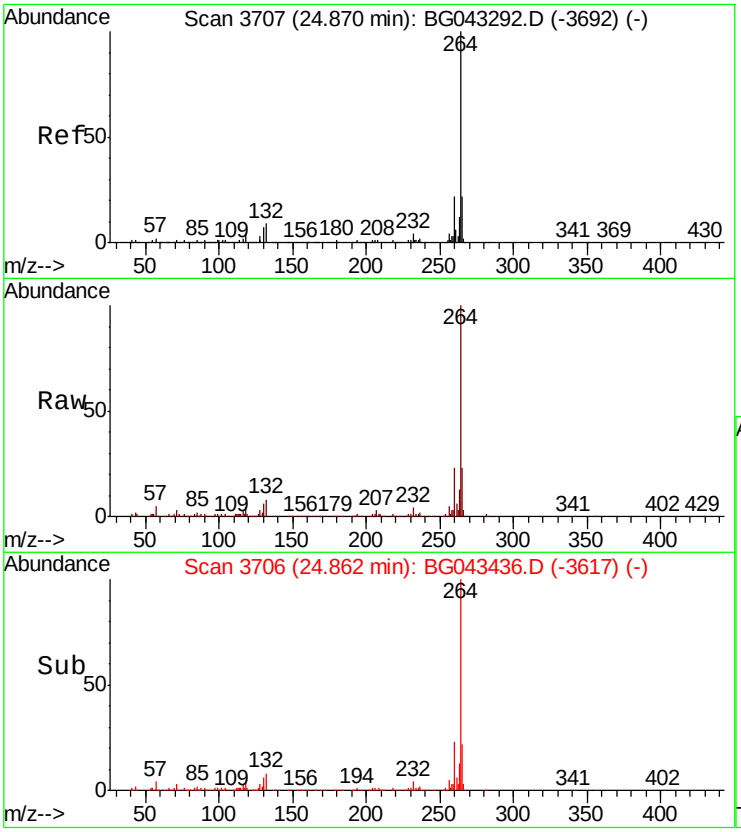


#79
Terphenyl-d14
Concen: 59.660 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion:244 Resp: 1047206

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	6.5	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 390517

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	22.6	17.4	26.2