Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043360.D
Acq On : 28 Oct 2019 21:30
Operator : JU
Sample : K5539-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 29 13:18:56 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	42899	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	155230	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	116888	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	284977	20.00	ng		0.00
76) Chrysene-d12	21.66	240	310618	20.00	ng		0.00
87) Perylene-d12	24.86	264	367425	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	267702	114.35	ng		0.00
7) Phenol-d6	7.21	99	389379	115.60	ng		0.00
23) Nitrobenzene-d5	9.19	82	225104	74.76	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	264512	118.91	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	596062	70.46	ng		0.00
79) Terphenyl-d14	20.00	244	1187896	71.75	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	10744	3.491	ng		82
19) n-Nitroso-di-n-propylamine	9.19	70	30555	14.039	ng	#	75
32) Benzoic acid	10.37	122	68	9.085	ng	#	1
50) Dimethylphthalate	14.10	163	57319	6.331	ng		99
57) 2,4-Dinitrotoluene	14.65	165	15750	5.603	ng	#	24
67) 4-Bromophenyl-phenylether	16.14	248	17212	4.488	ng	#	1
77) Benzidine	20.00	184	16915	2.706	ng		96

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

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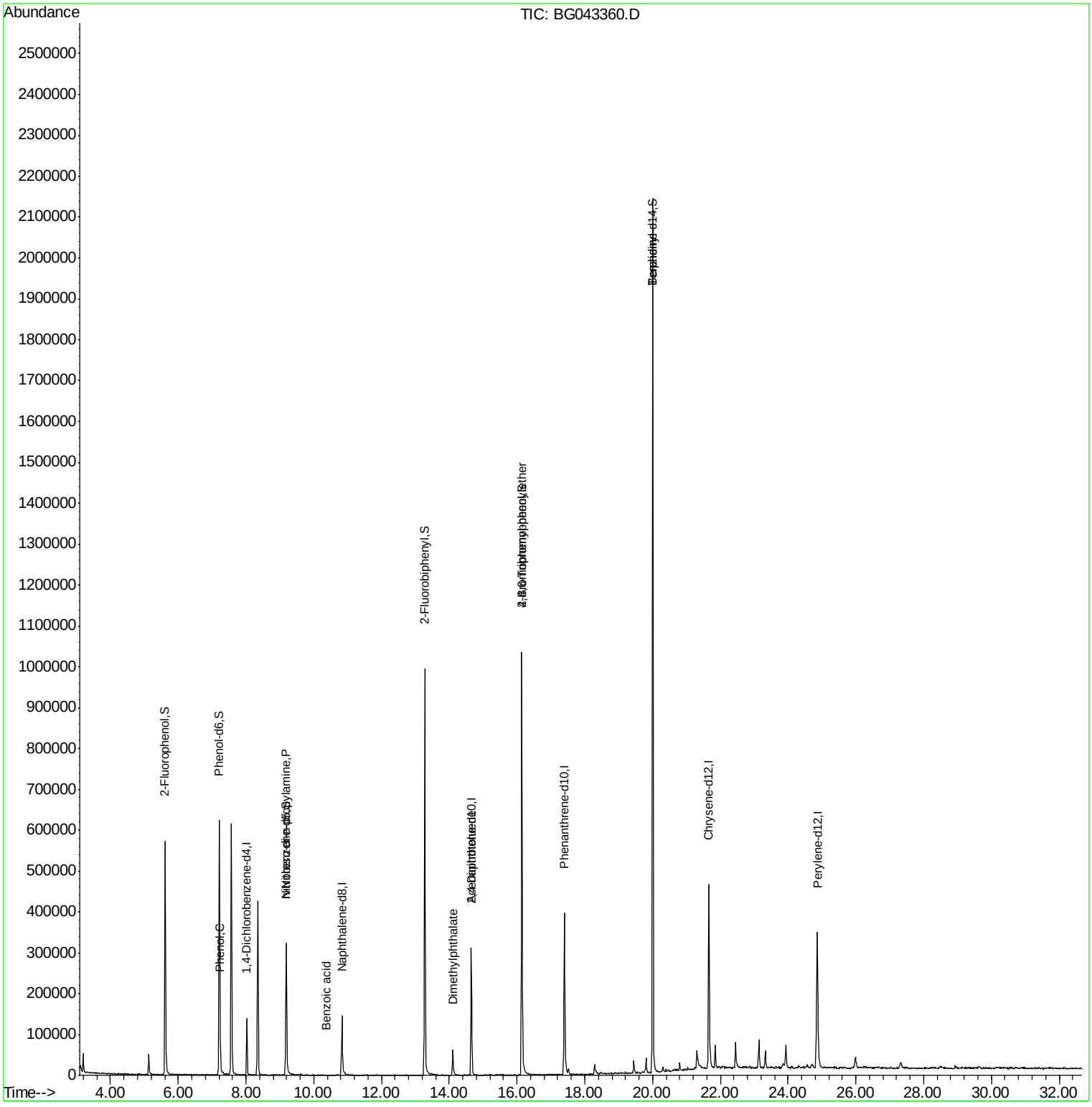
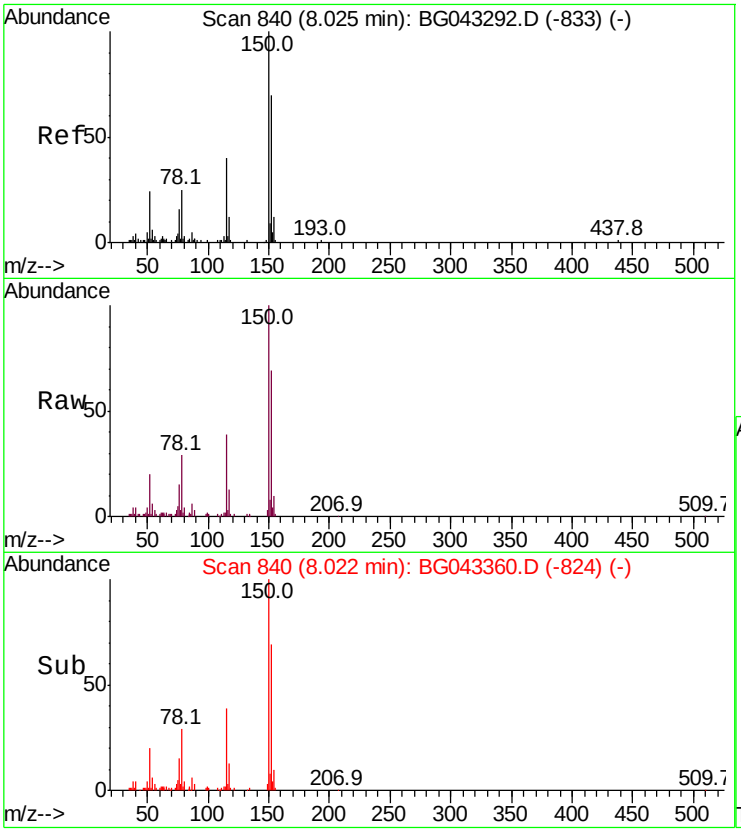


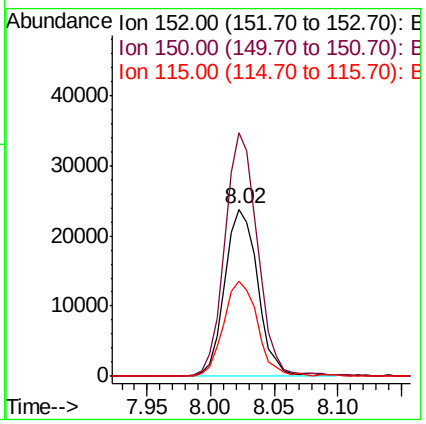


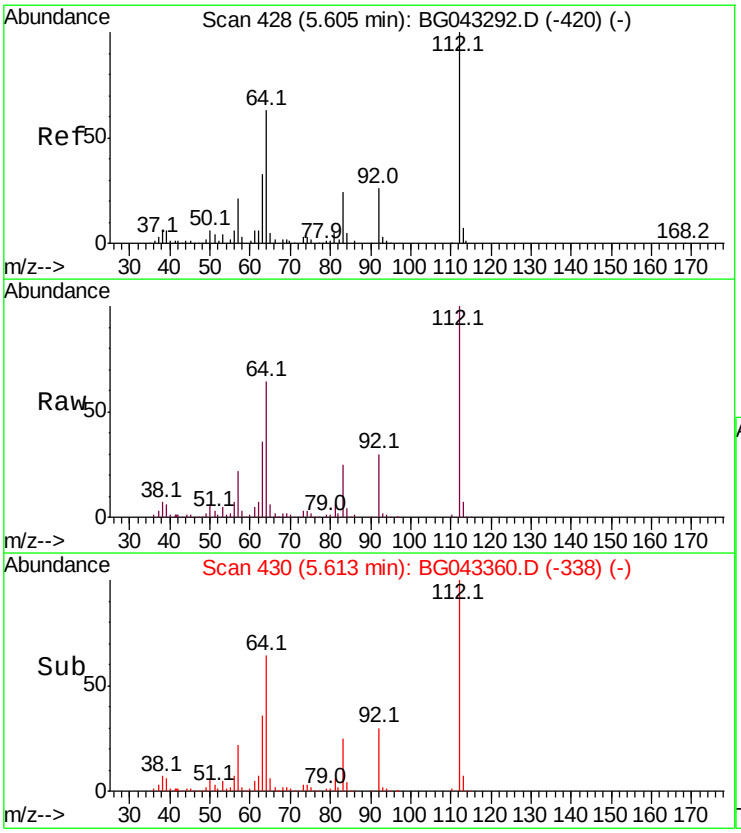
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42899

Ion	Ratio	Lower	Upper
152	100		
150	145.7	113.6	170.4
115	57.3	45.9	68.9

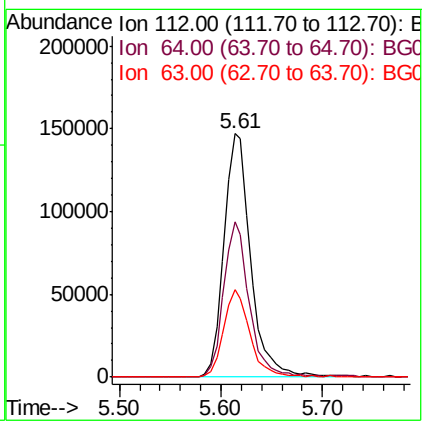


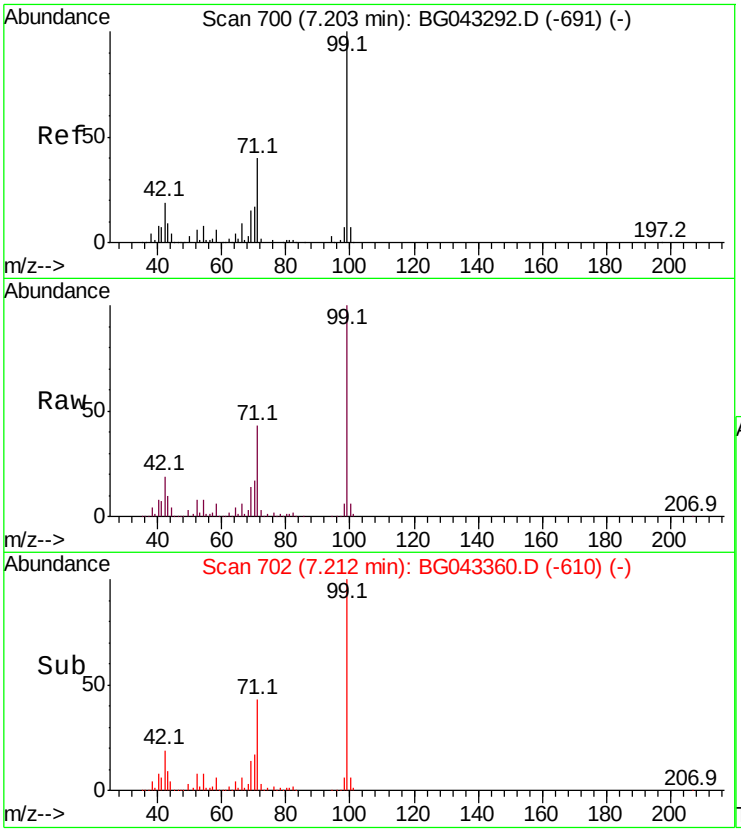


#5
2-Fluorophenol
Concen: 114.350 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Tgt Ion:112 Resp: 267702

Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.2	75.2
63	36.1	26.7	40.1



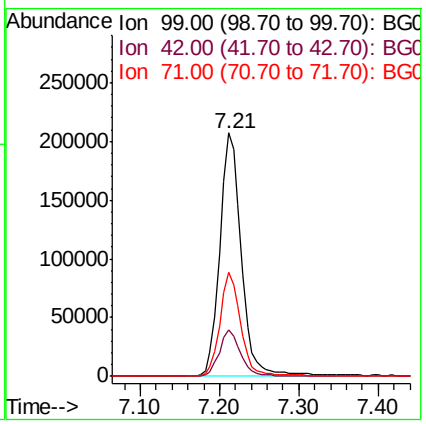


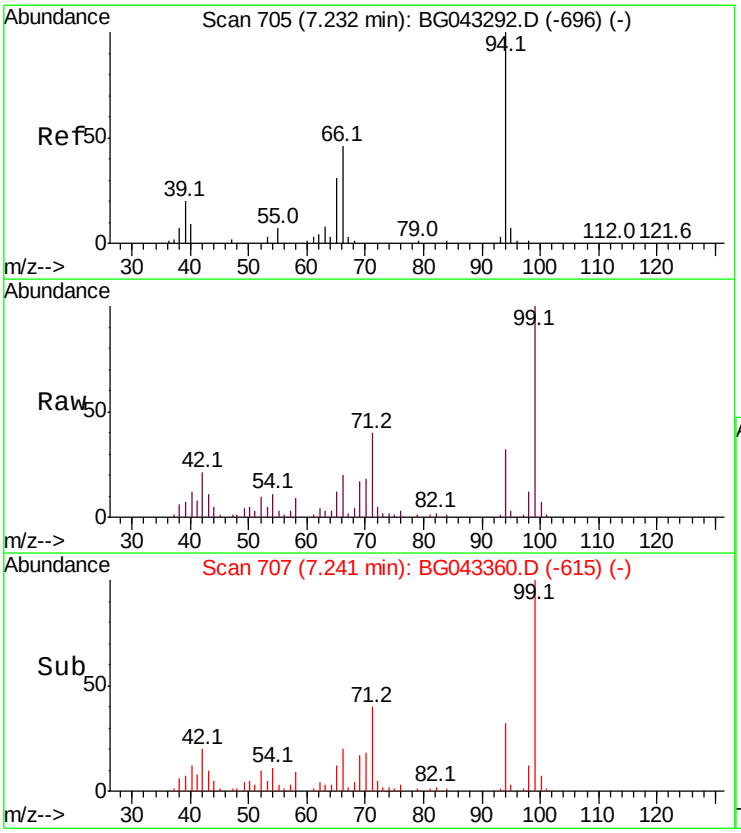
#7
Phenol-d6
Concen: 115.602 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 389379

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.9	22.3
71	42.9	32.2	48.2

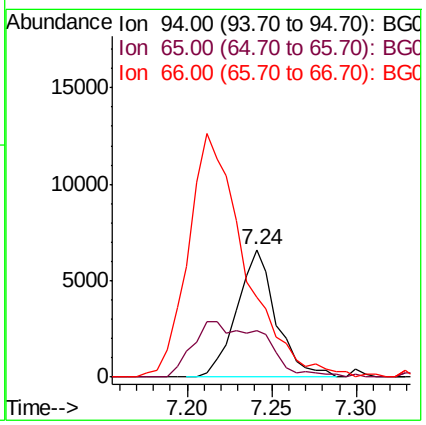


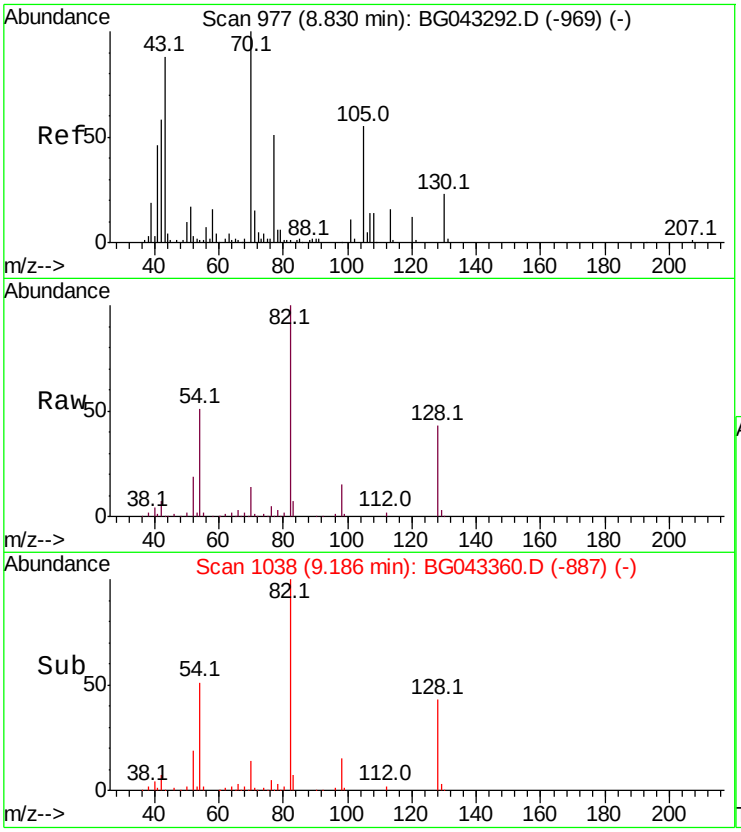


#10
Phenol
Concen: 3.491 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Tgt Ion: 94 Resp: 10744

Ion	Ratio	Lower	Upper
94	100		
65	36.8	11.1	51.1
66	63.0	27.8	67.8



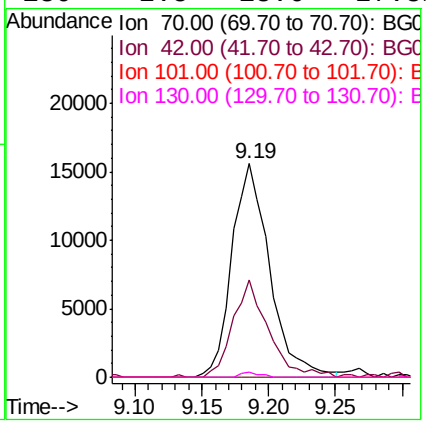


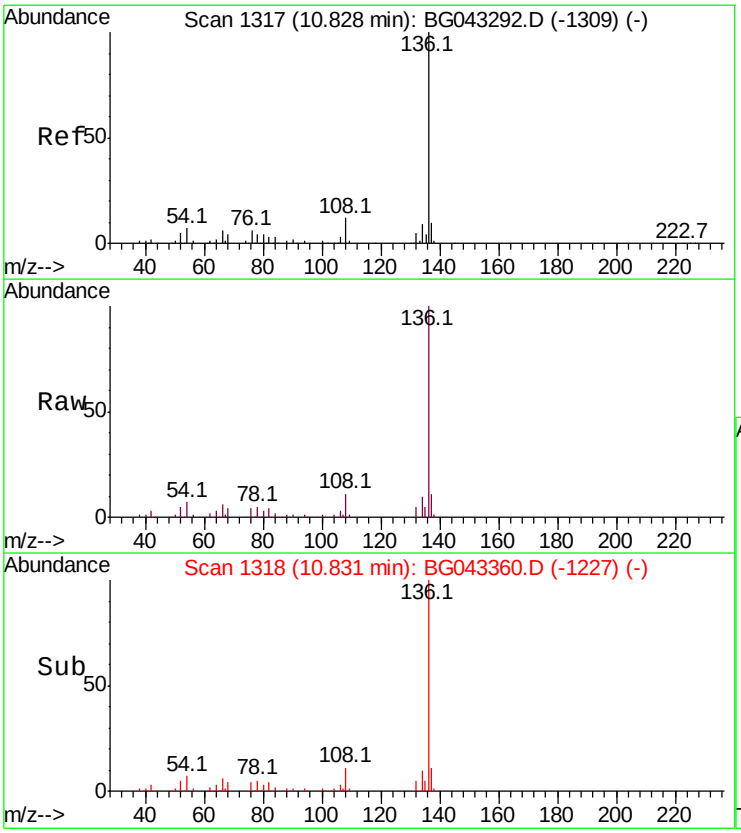
#19
n-Nitroso-di-n-propylamine
Concen: 14.039 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 30555

Ion	Ratio	Lower	Upper
70	100		
42	45.4	46.2	69.2#
101	0.0	8.6	13.0#
130	2.5	18.6	27.8#

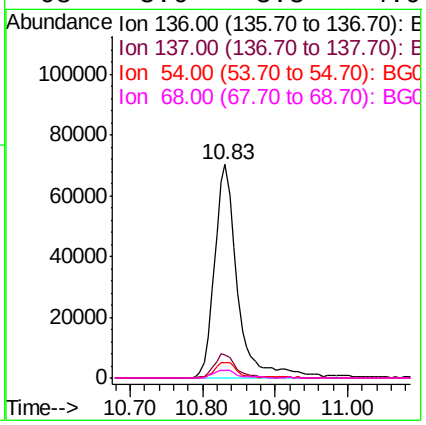


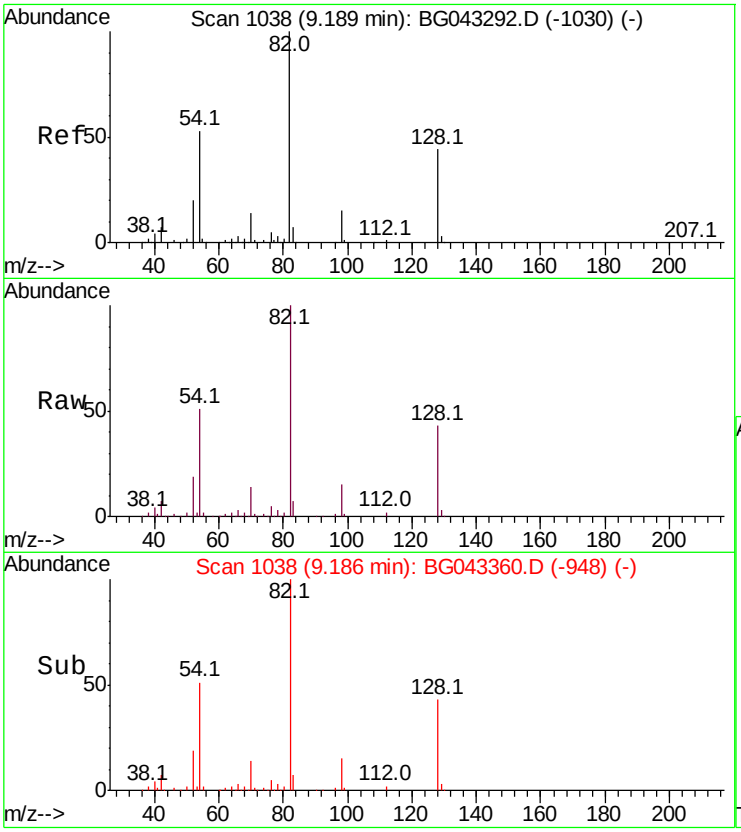


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Tgt Ion:136 Resp: 155230

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	7.2	5.4	8.2
68	3.6	3.3	4.9



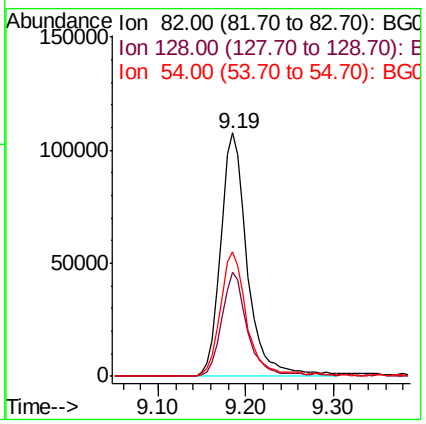


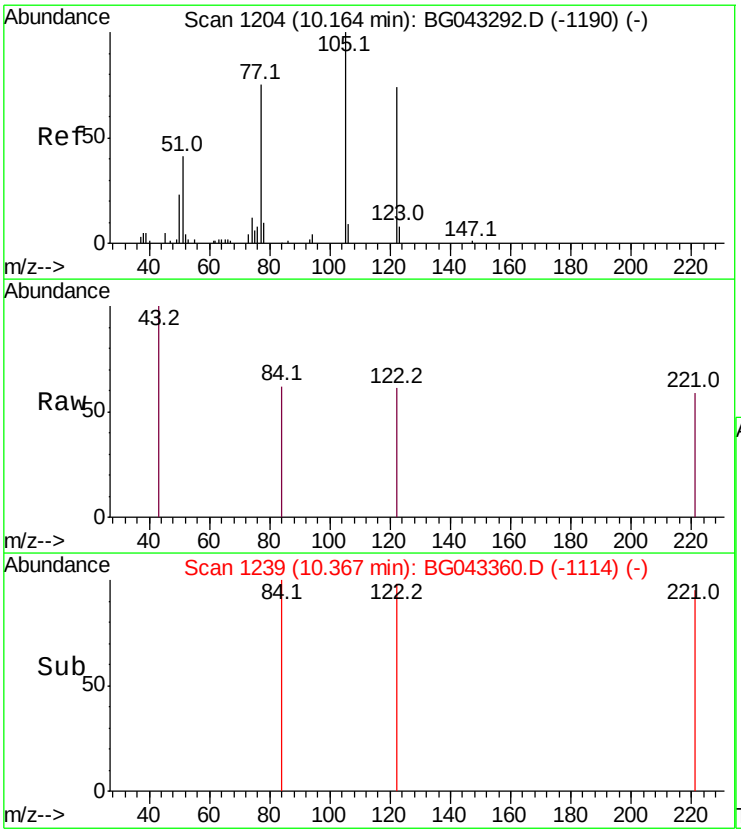
#23
Nitrobenzene-d5
Concen: 74.761 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 225104

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.3	52.9
54	51.2	42.3	63.5

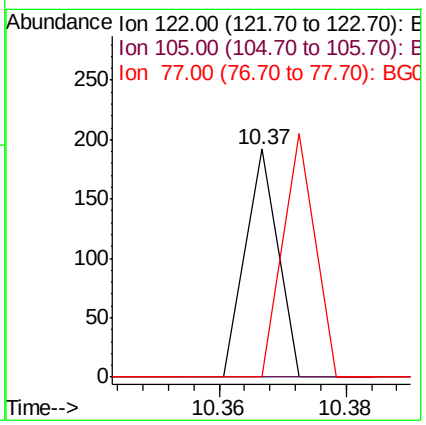


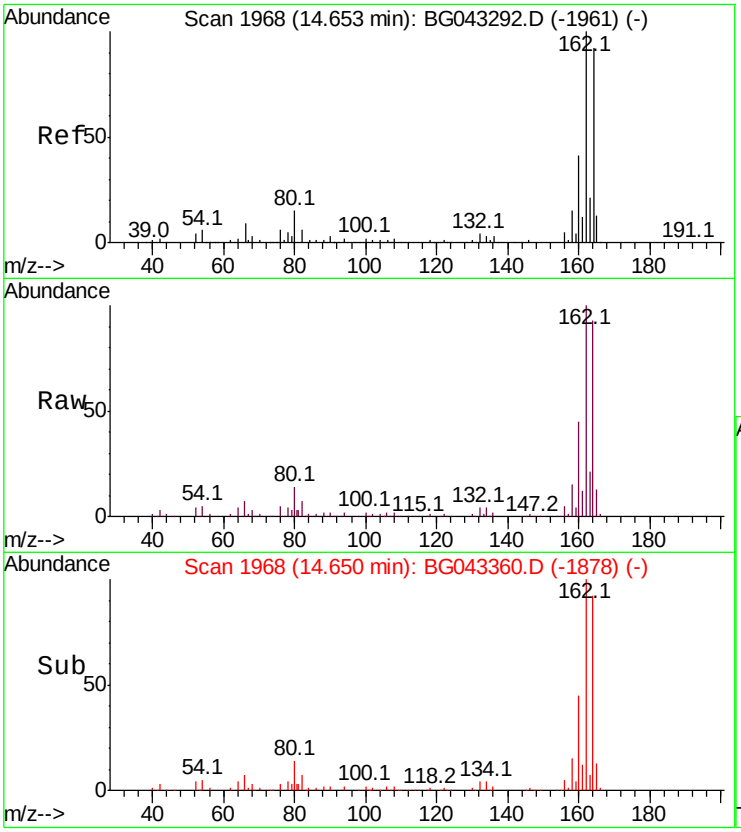


#32
Benzoic acid
Concen: 9.085 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.20 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Tgt Ion:122 Resp: 68

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.4	152.4#
77	0.0	82.7	122.7#



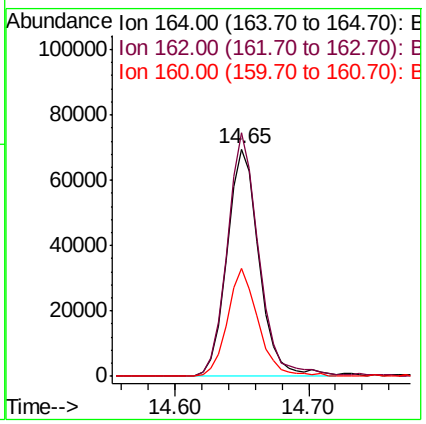


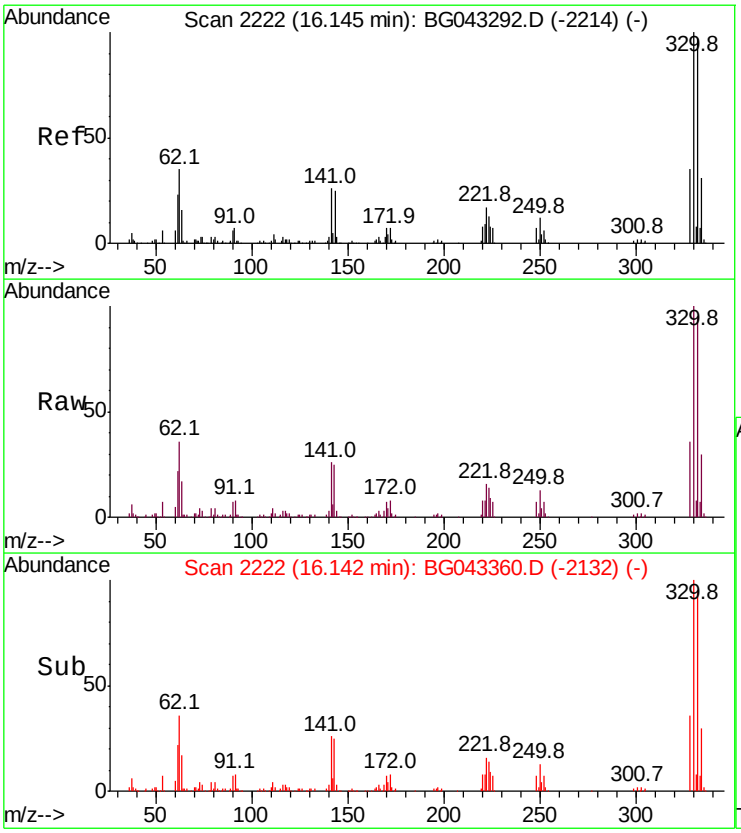
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 116888

Ion	Ratio	Lower	Upper
164	100		
162	107.2	87.0	130.4
160	47.7	35.5	53.3

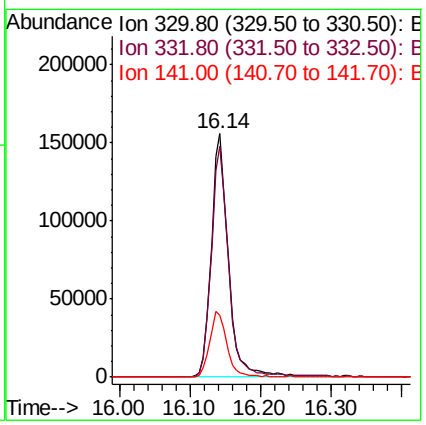


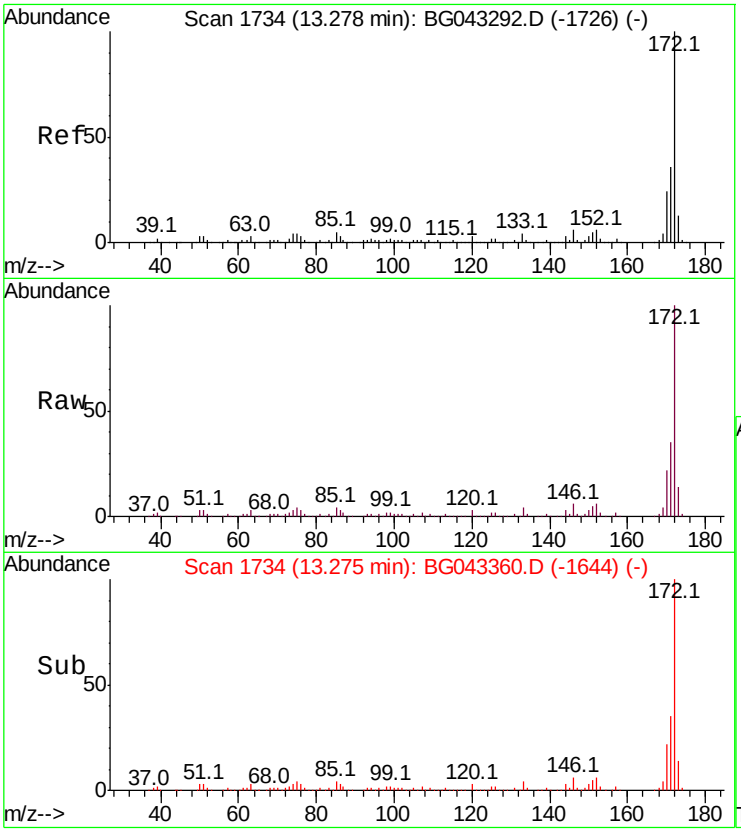


#42
2,4,6-Tribromophenol
Concen: 118.915 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Tgt Ion:330 Resp: 264512

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.4	114.6
141	26.7	21.4	32.0



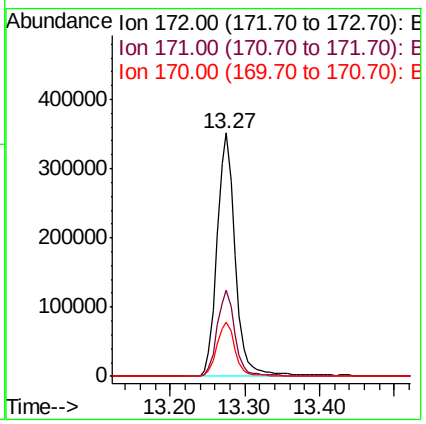


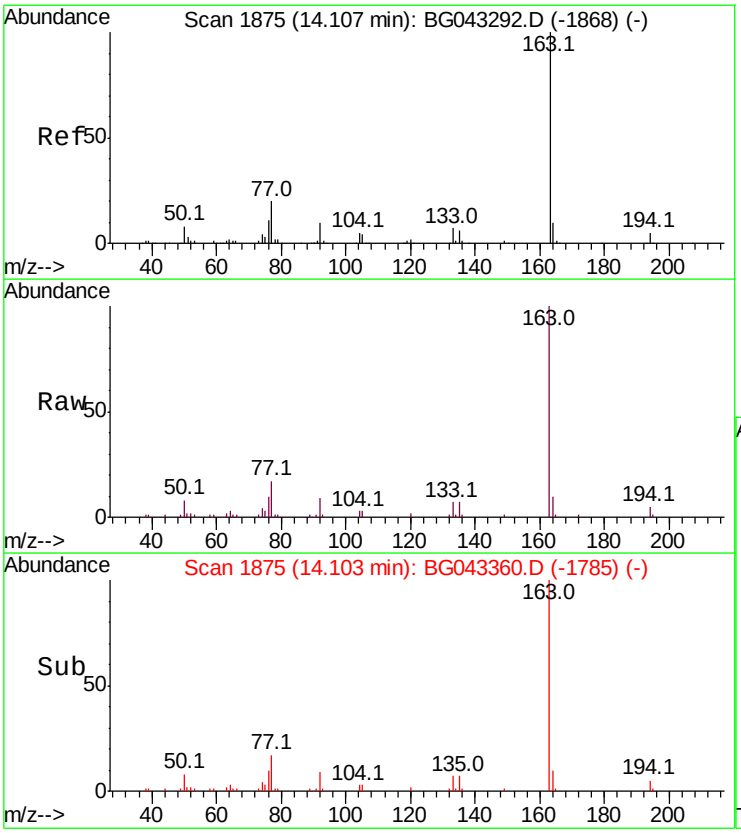
#45
2-Fluorobiphenyl
Concen: 70.464 ng
RT: 13.27 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 596062

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	22.4	18.8	28.2

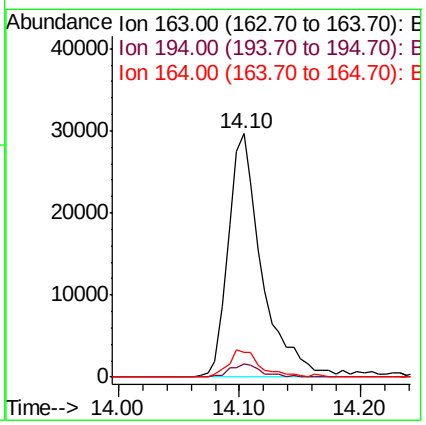


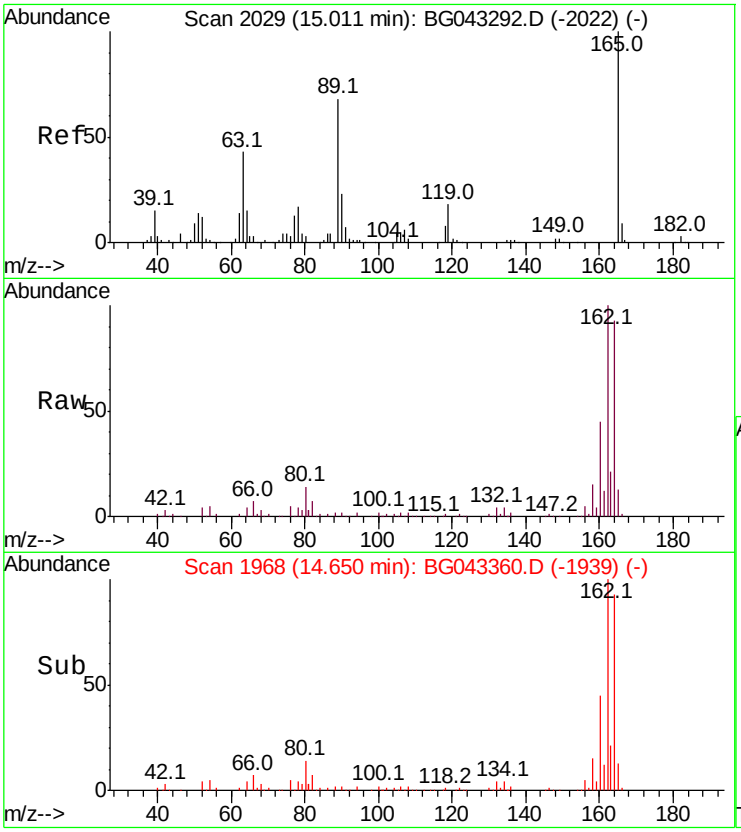


#50
Dimethylphthalate
Concen: 6.331 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Tgt Ion:163 Resp: 57319

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.7	5.5
164	10.1	8.1	12.1



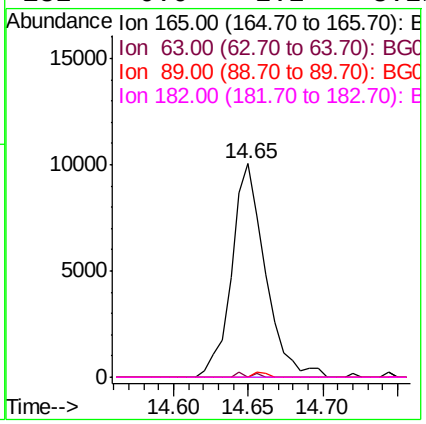


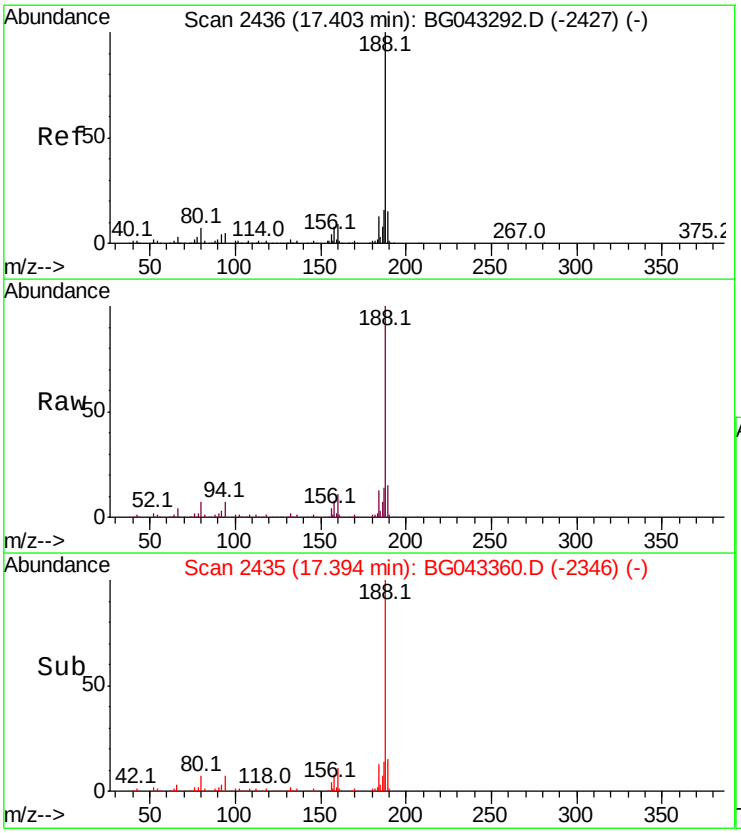
#57
2,4-Dinitrotoluene
Concen: 5.603 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15750

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

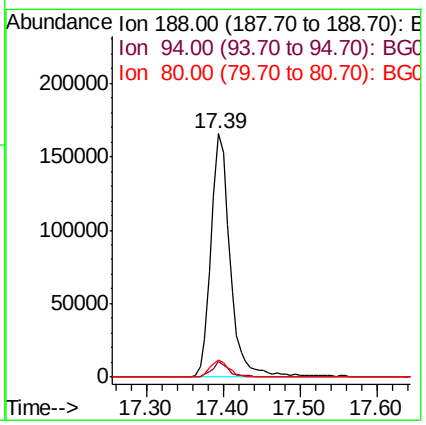


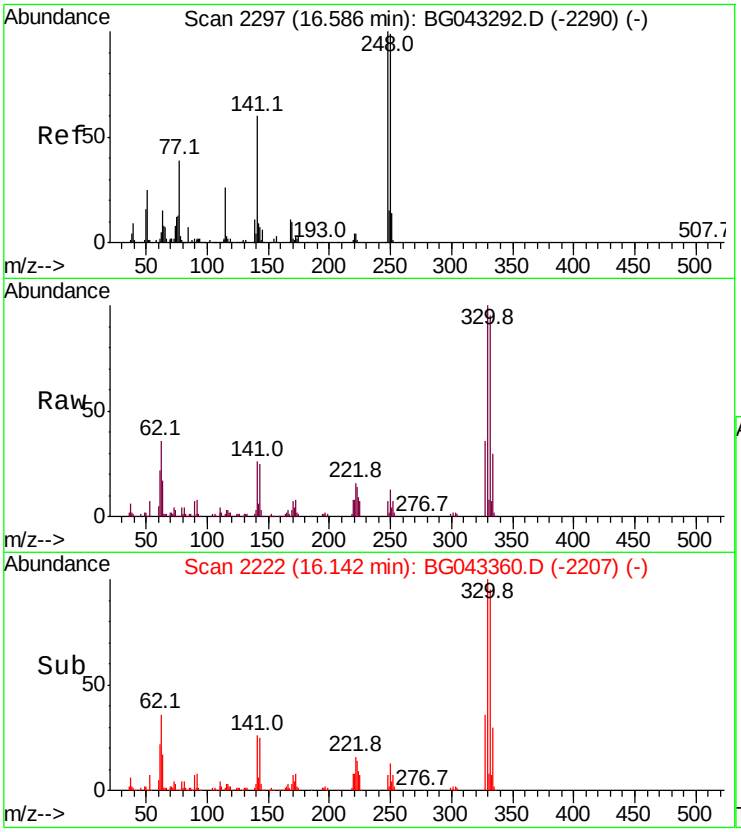


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Tgt Ion:188 Resp: 284977

Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.2	6.2#
80	7.0	5.2	7.8



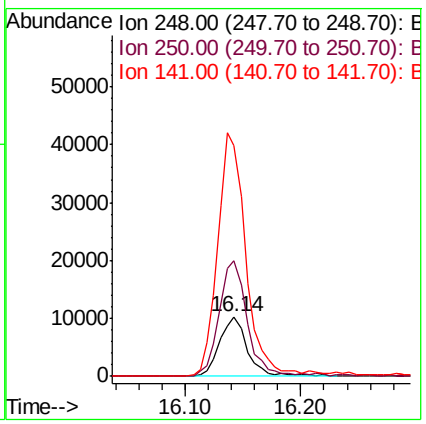


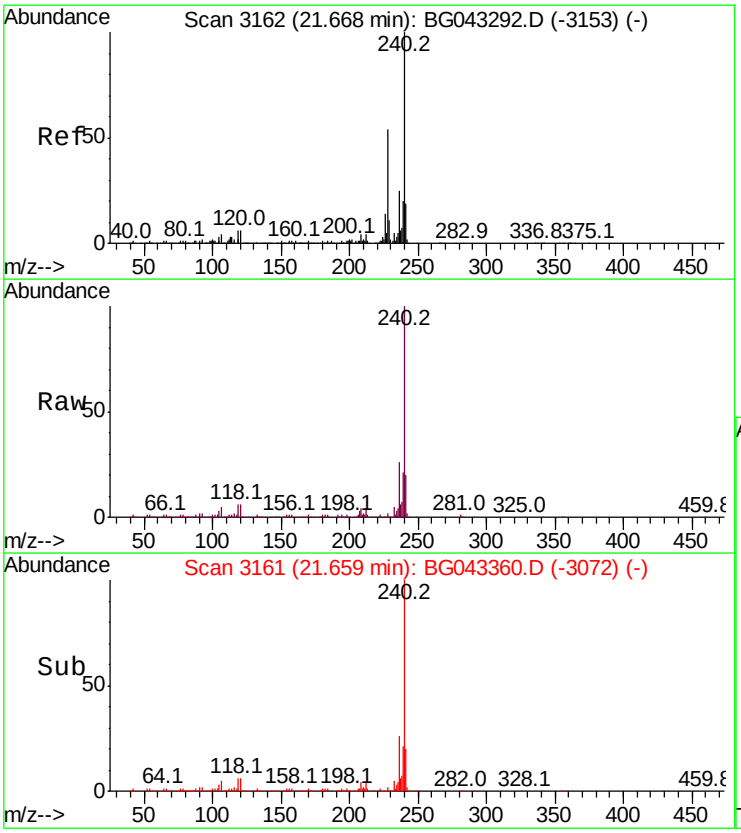
#67
4-Bromophenyl-phenylether
Concen: 4.488 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17212

Ion	Ratio	Lower	Upper
248	100		
250	194.2	79.3	118.9#
141	386.6	47.9	71.9#

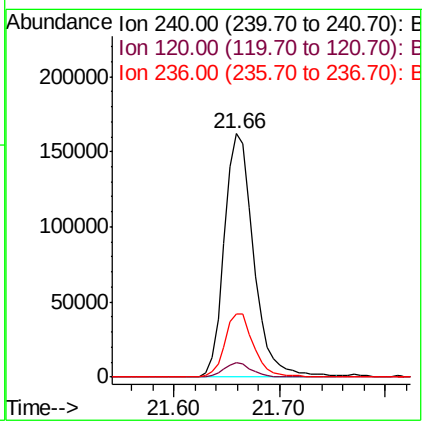


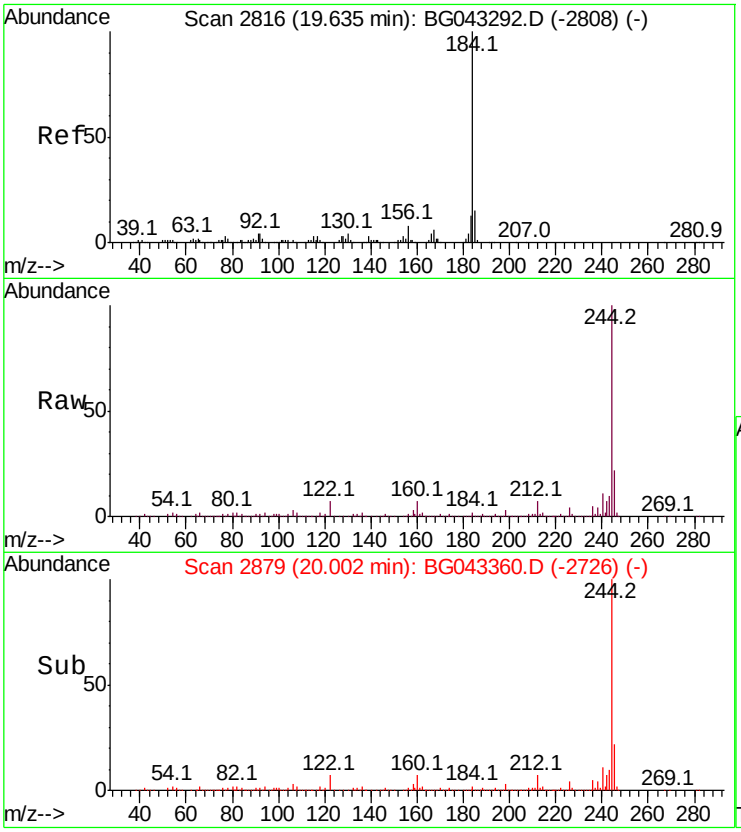


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Tgt Ion:240 Resp: 310618

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.6	7.0
236	26.0	20.2	30.4



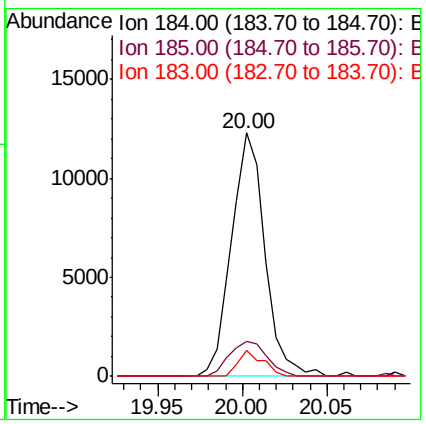


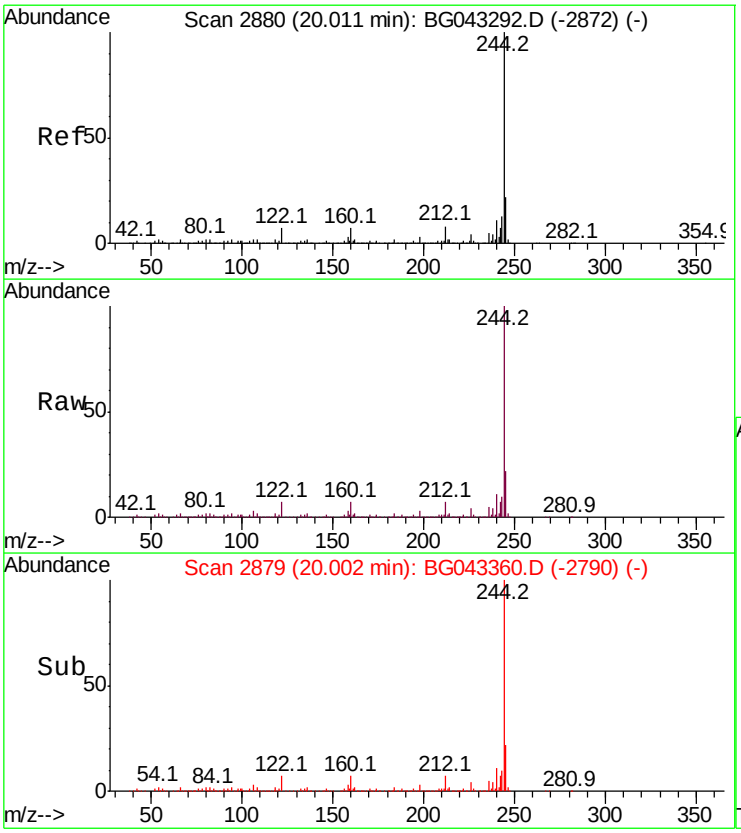
#77
Benzidine
Concen: 2.706 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 16915

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.6
183	10.8	10.6	16.0

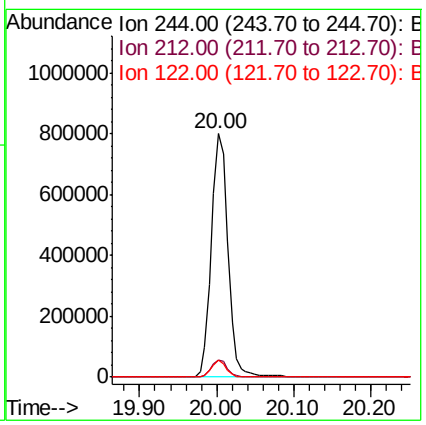


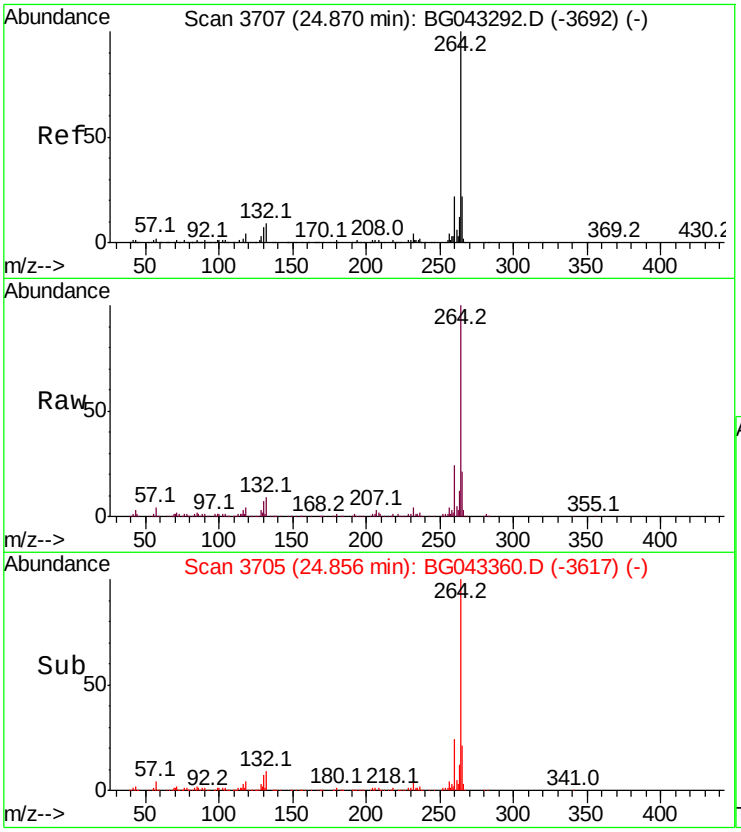


#79
Terphenyl-d14
Concen: 71.746 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Tgt Ion:244 Resp: 1187896

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	7.2	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043360.D
Acq: 28 Oct 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 367425

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	21.3	17.4	26.2