Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043678.D
Acq On : 18 Nov 2019 18:15
Operator : JU
Sample : K5833-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 19 01:40:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25822	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	98811	20.00	ng		-0.02
39) Acenaphthene-d10	14.62	164	71719	20.00	ng		-0.02
64) Phenanthrene-d10	17.37	188	171605	20.00	ng		-0.02
76) Chrysene-d12	21.63	240	199016	20.00	ng		-0.02
87) Perylene-d12	24.81	264	231676	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	127885	90.75	ng		0.00
7) Phenol-d6	7.19	99	172864	85.26	ng		0.00
23) Nitrobenzene-d5	9.16	82	101657	53.04	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	102883	75.38	ng		-0.02
45) 2-Fluorobiphenyl	13.25	172	298999	57.61	ng		-0.02
79) Terphenyl-d14	19.98	244	658303	62.06	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.21	94	4857	2.622	ng	#	68
19) n-Nitroso-di-n-propylamine	9.16	70	14895	11.369	ng	#	83
32) Benzoic acid	10.23	122	55	9.095	ng	#	1
50) Dimethylphthalate	14.08	163	36565	6.582	ng		99
51) 2,6-Dinitrotoluene	14.62	165	9174	7.602	ng	#	22
57) 2,4-Dinitrotoluene	14.62	165	9174	5.319	ng	#	25
67) 4-Bromophenyl-phenylether	16.12	248	6683	2.894	ng	#	1
77) Benzidine	19.98	184	9963	2.487	ng	#	84

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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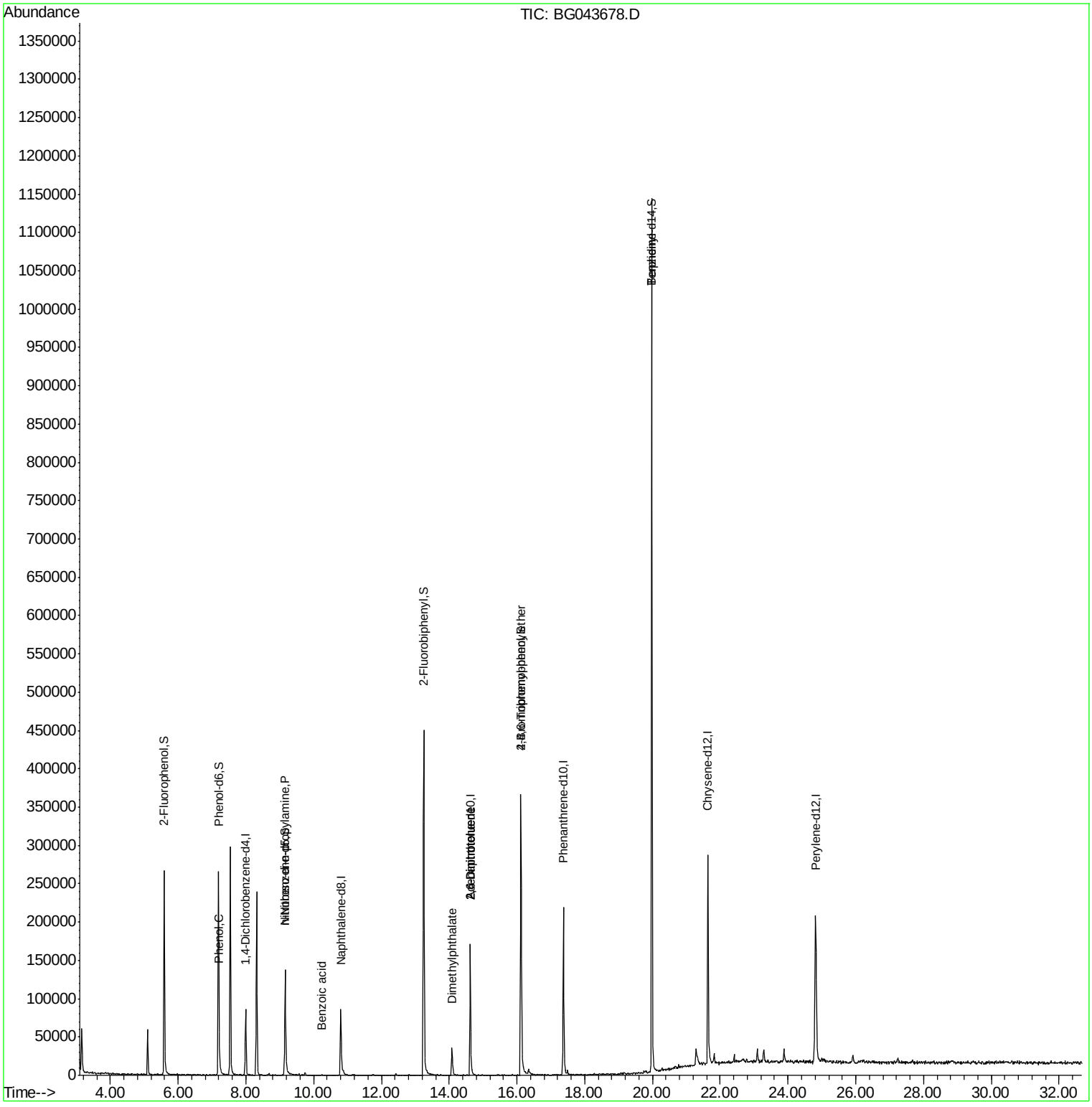
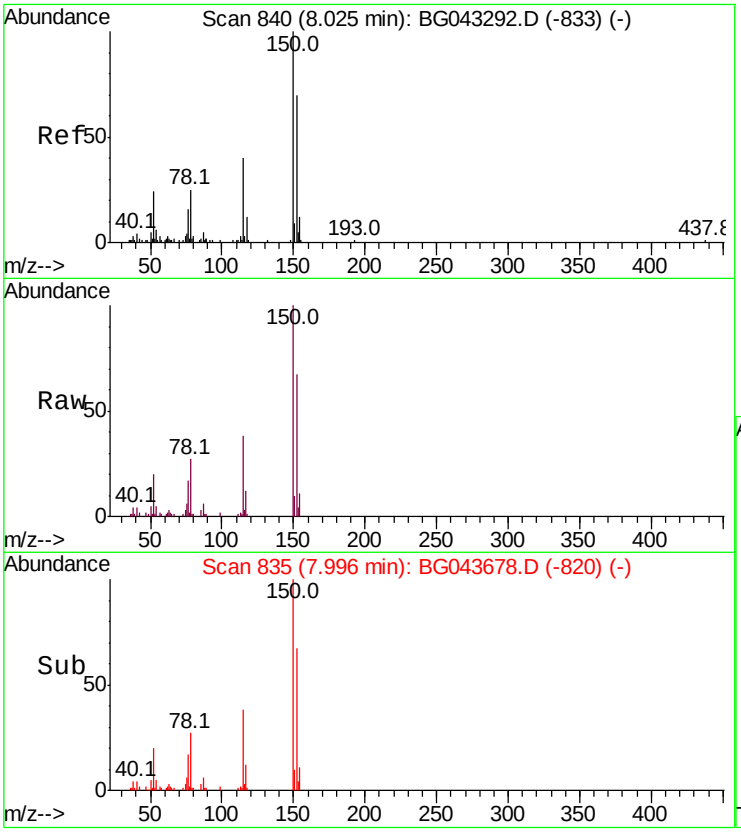


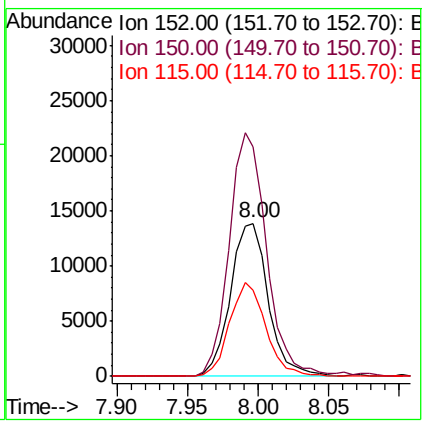


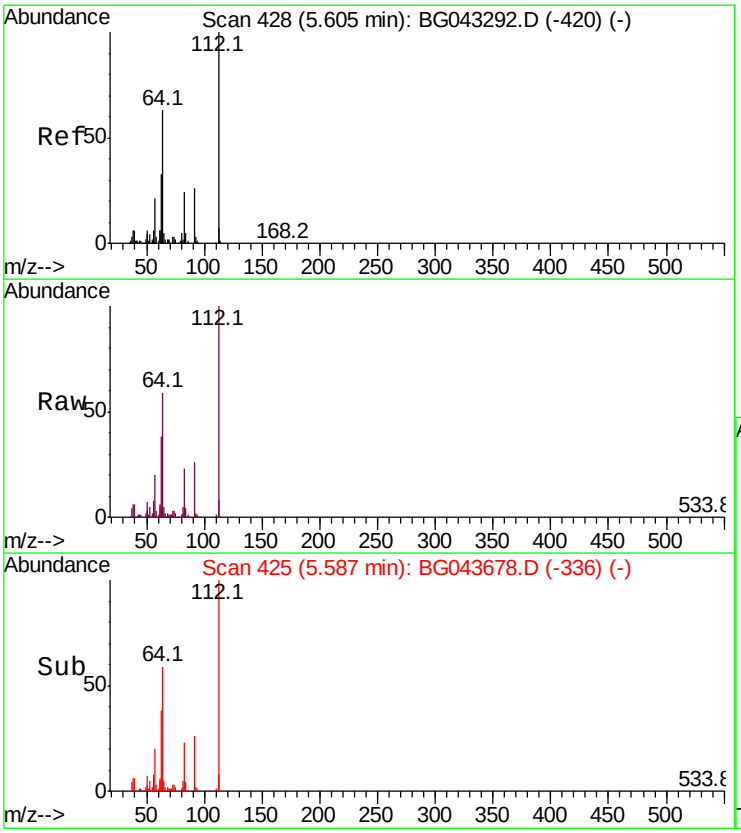
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25822

Ion	Ratio	Lower	Upper
152	100		
150	149.7	129.4	194.0
115	56.3	48.8	73.2

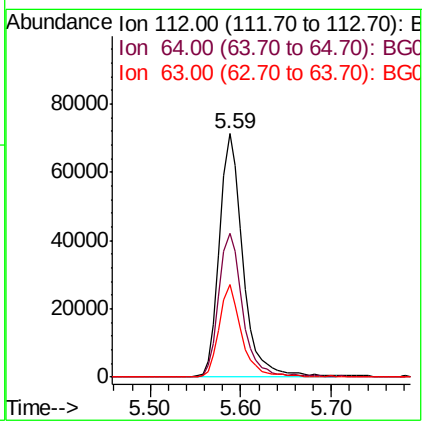


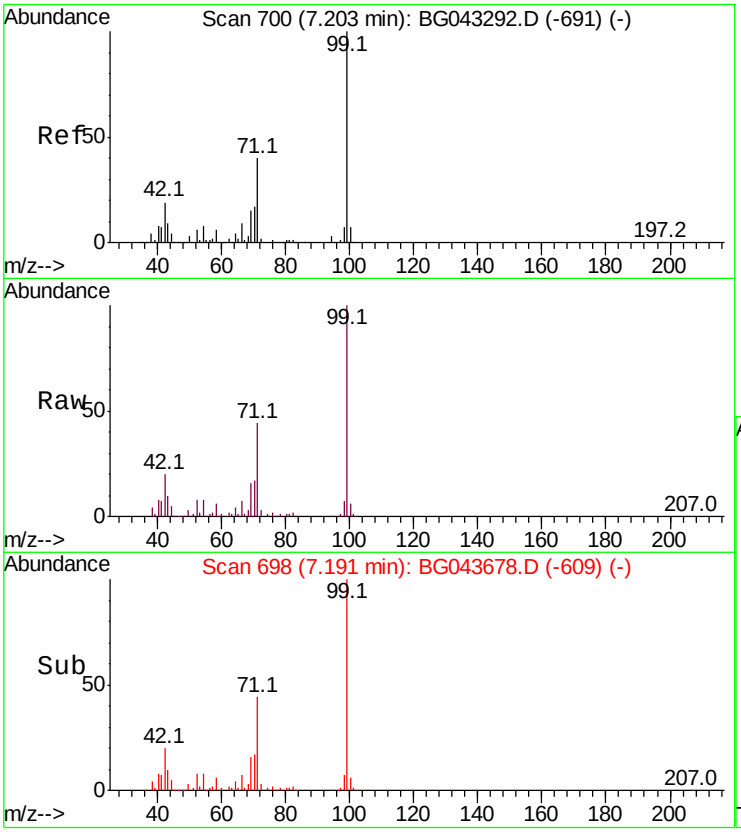


#5
2-Fluorophenol
Concen: 90.753 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion:112 Resp: 127885

Ion	Ratio	Lower	Upper
112	100		
64	59.1	50.0	75.0
63	37.8	26.6	40.0



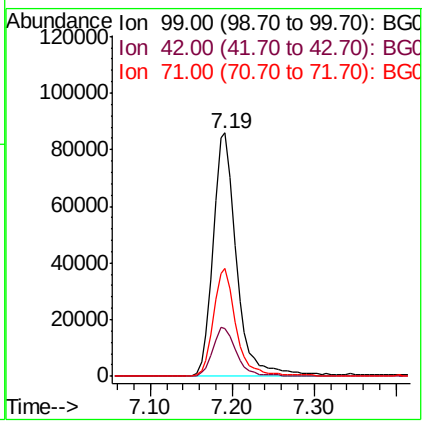


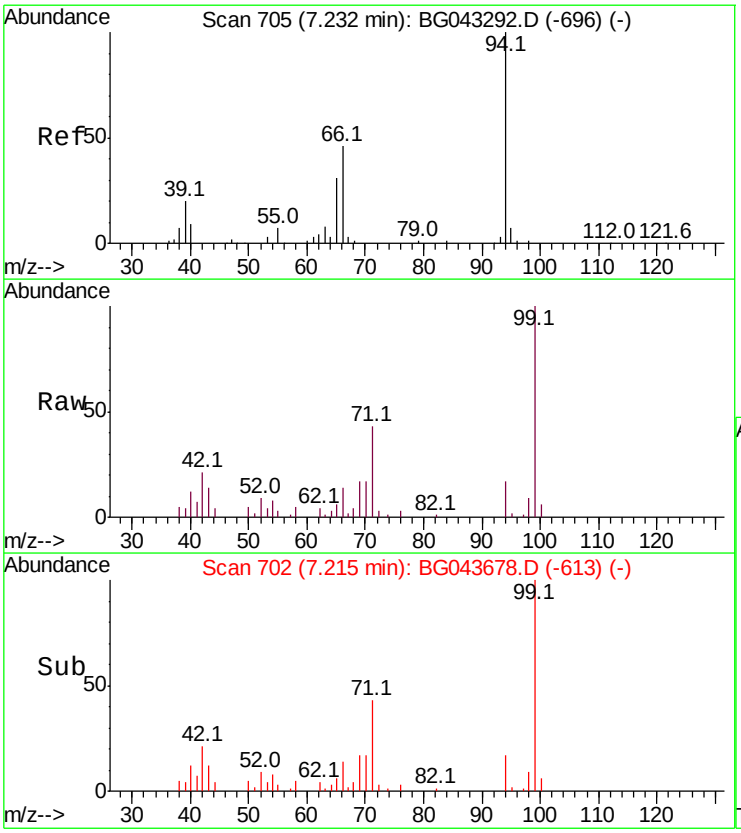
#7
Phenol-d6
Concen: 85.262 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 172864

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.6	21.8
71	44.3	32.5	48.7

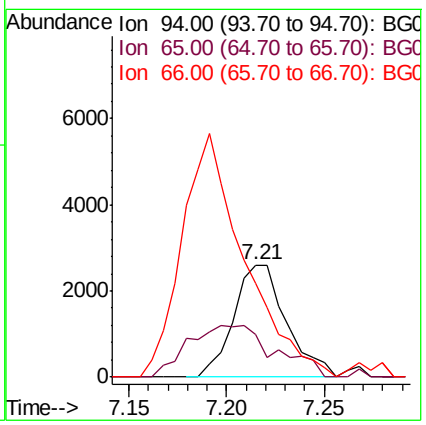


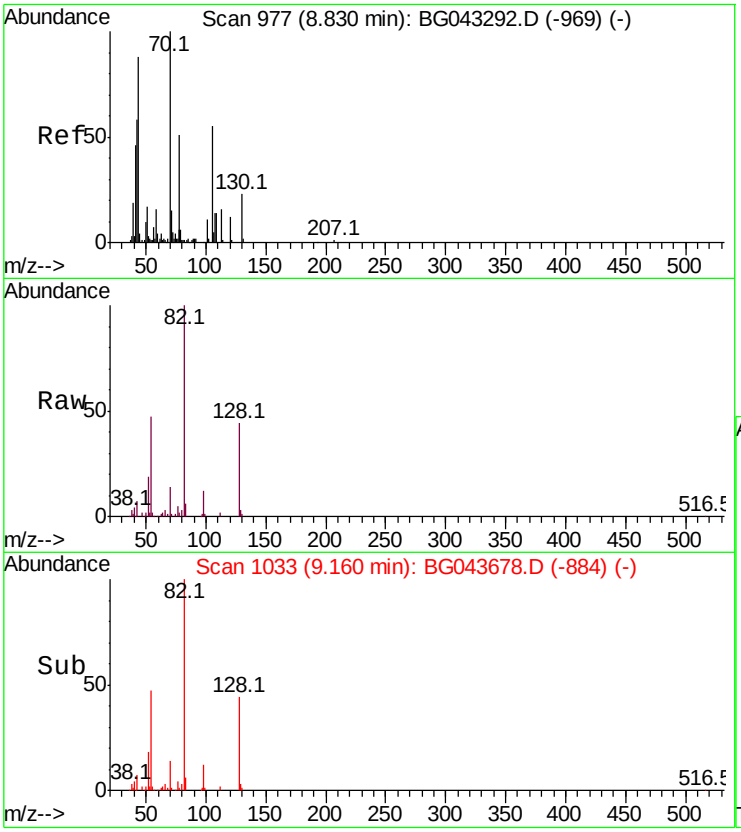


#10
Phenol
Concen: 2.622 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.01 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion: 94 Resp: 4857

Ion	Ratio	Lower	Upper
94	100		
65	37.7	12.6	52.6
66	83.6	30.7	70.7#



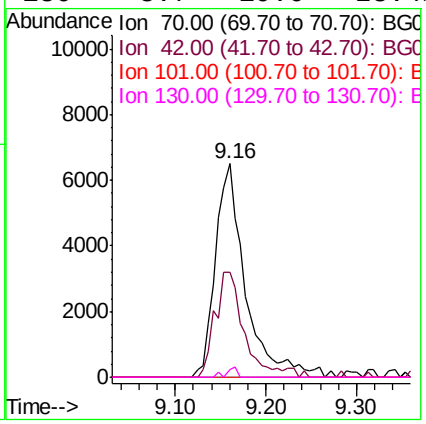


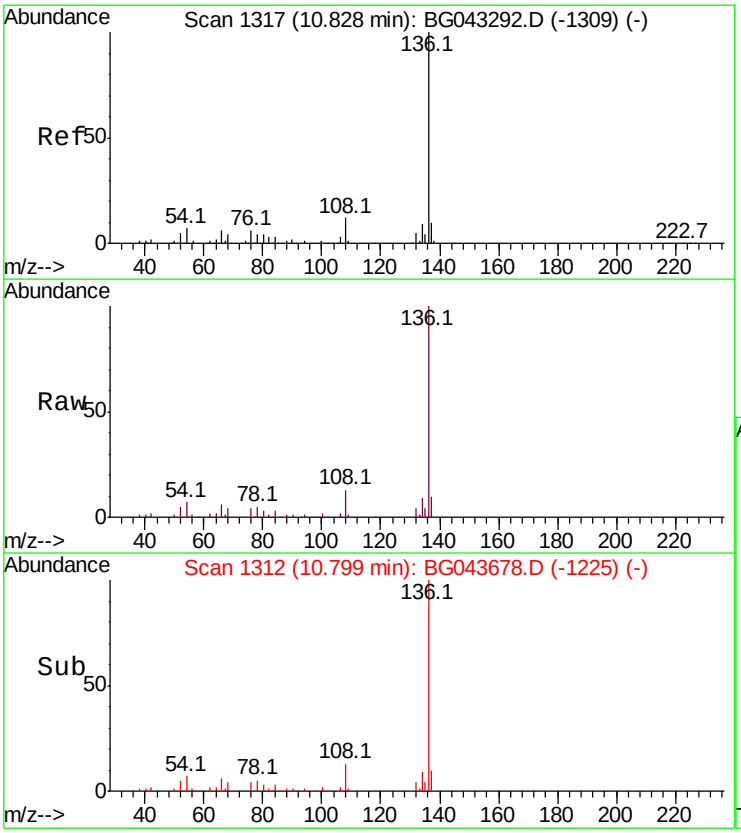
#19
n-Nitroso-di-n-propylamine
Concen: 11.369 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.35 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 14895

Ion	Ratio	Lower	Upper
70	100		
42	48.9	41.4	62.2
101	0.0	7.9	11.9#
130	3.7	19.0	28.4#

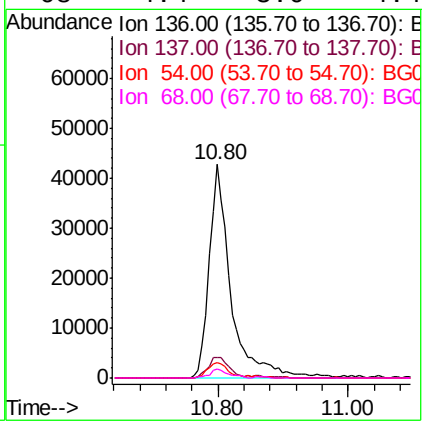


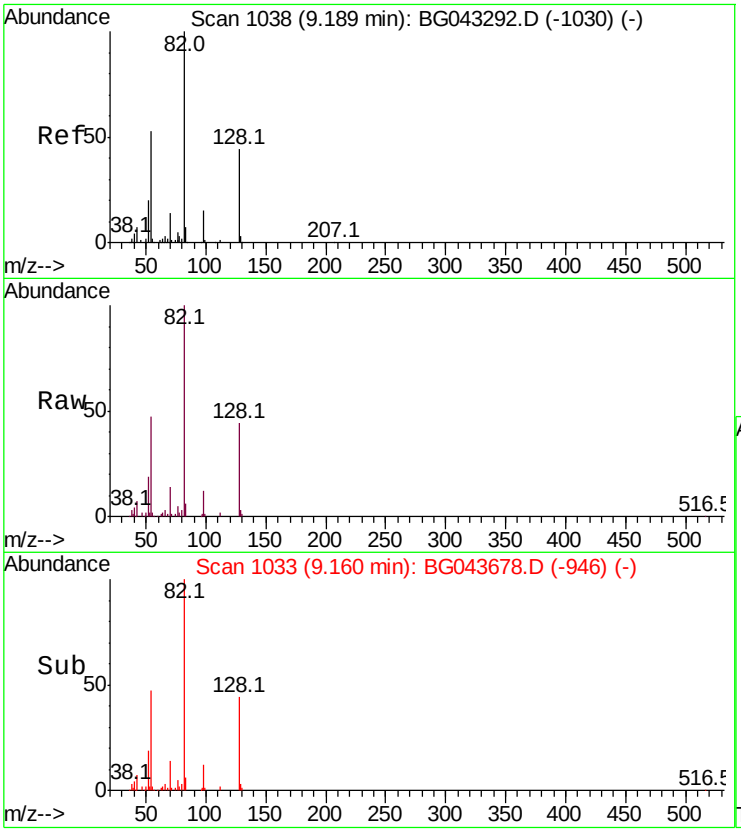


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion:136 Resp: 98811

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	7.1	5.4	8.2
68	4.4	3.0	4.4



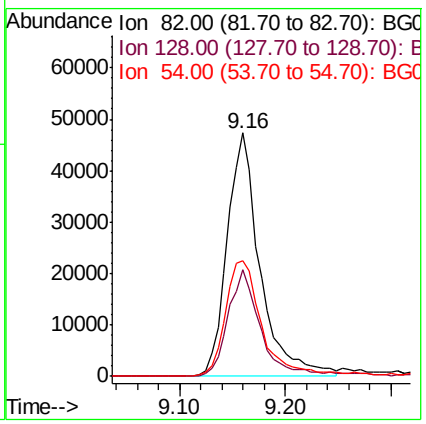


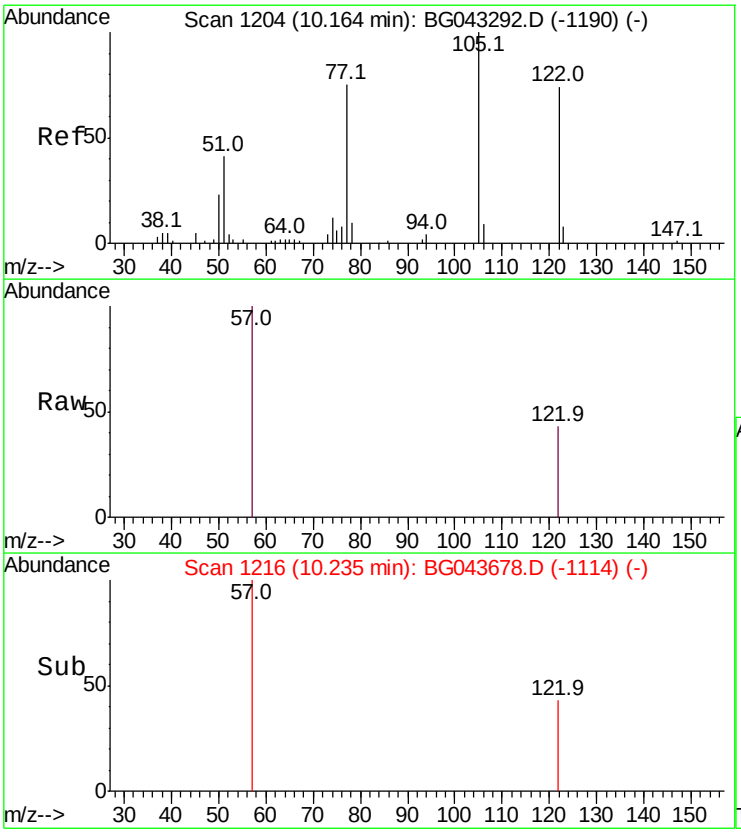
#23
Nitrobenzene-d5
Concen: 53.039 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 101657

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.0	52.6
54	47.2	40.2	60.2

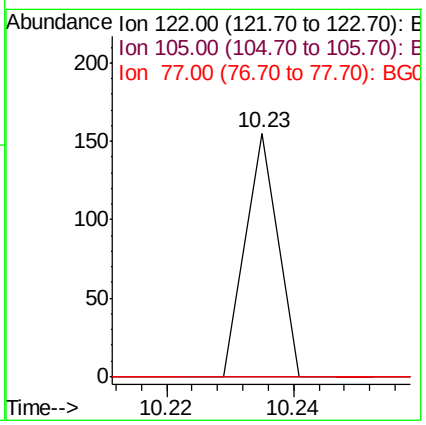


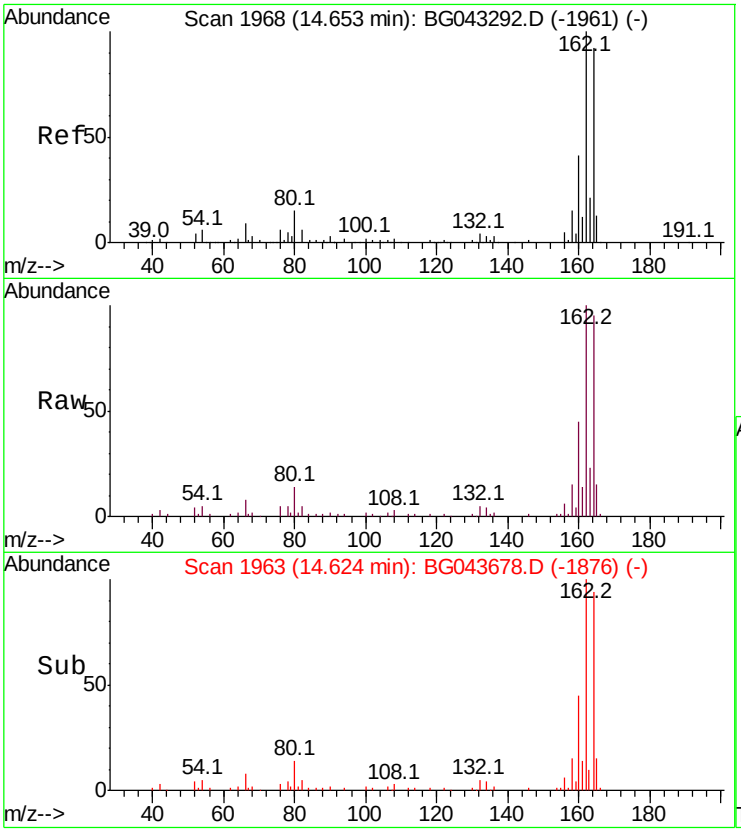


#32
Benzoic acid
Concen: 9.095 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.07 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	0.0	84.9	124.9#



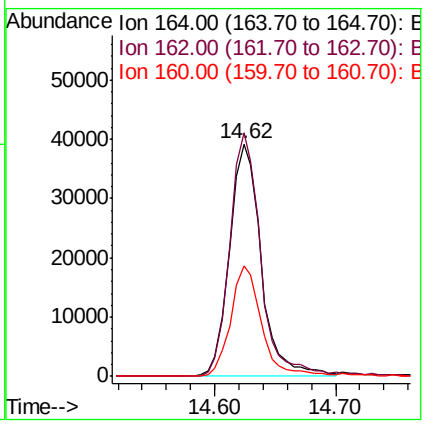


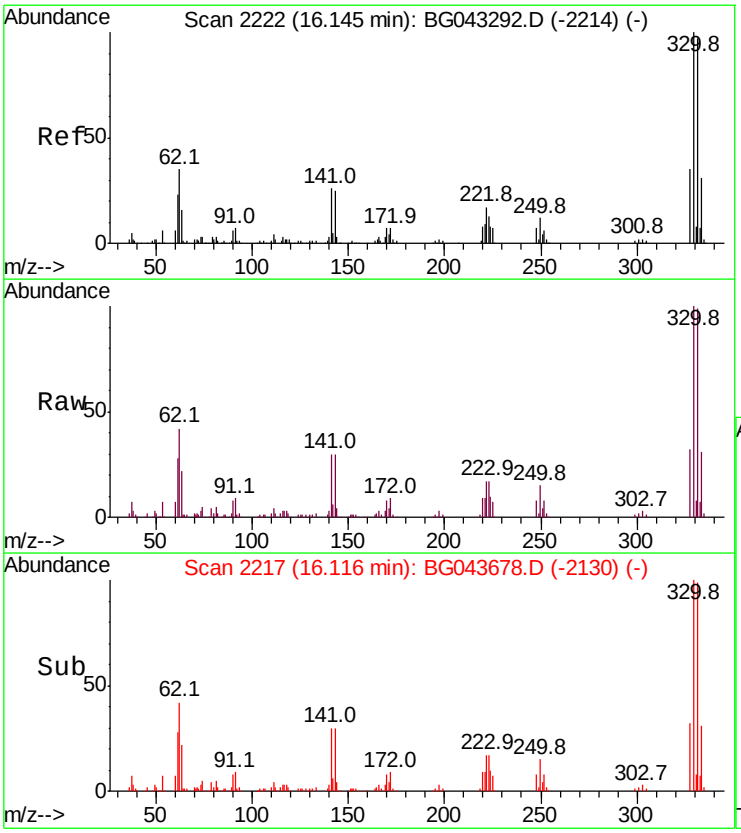
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 71719

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.5	125.3
160	47.4	36.5	54.7

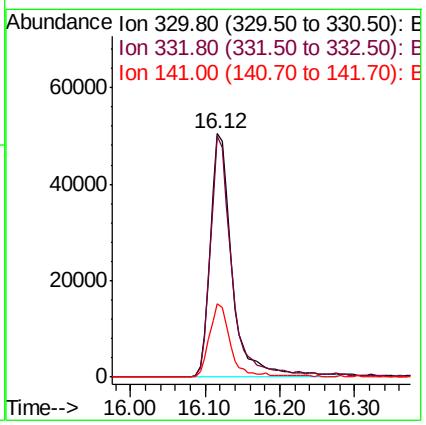


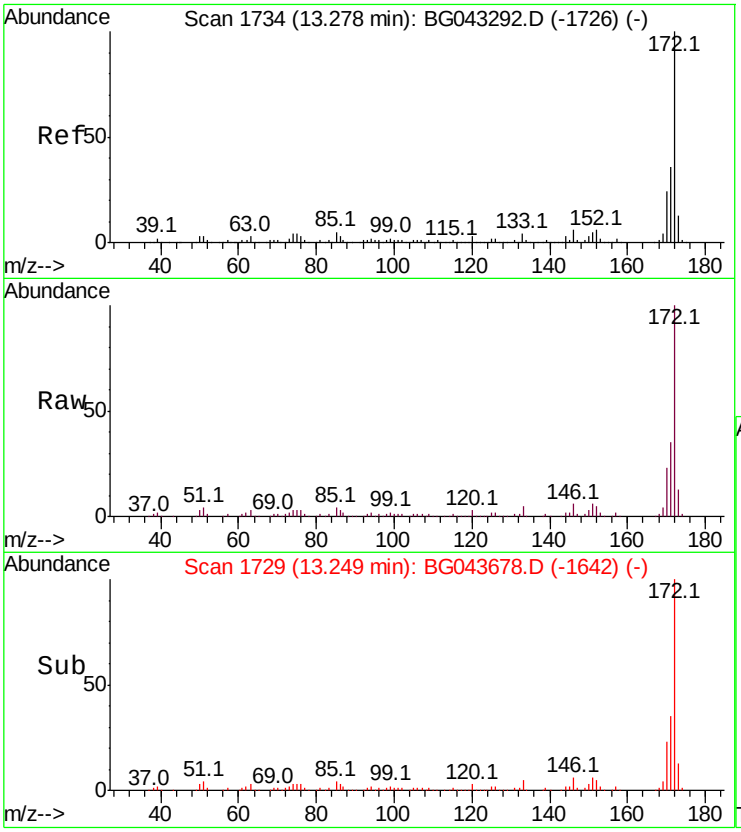


#42
2,4,6-Tribromophenol
Concen: 75.382 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion:330 Resp: 102883

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.4	116.0
141	28.5	22.8	34.2



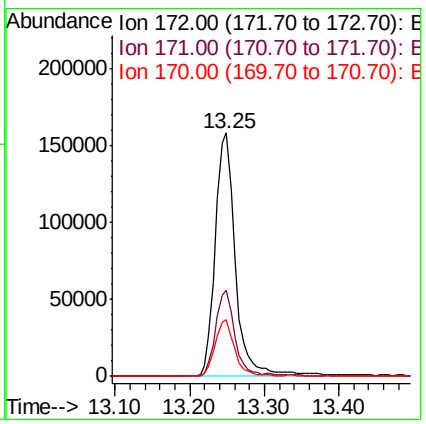


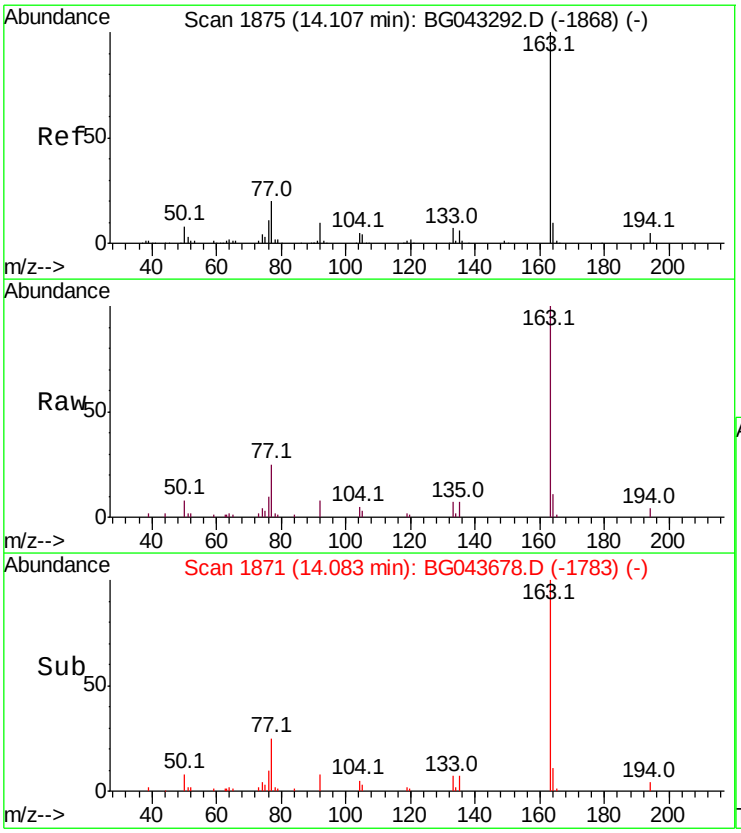
#45
2-Fluorobiphenyl
Concen: 57.608 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 298999

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.2	18.5	27.7

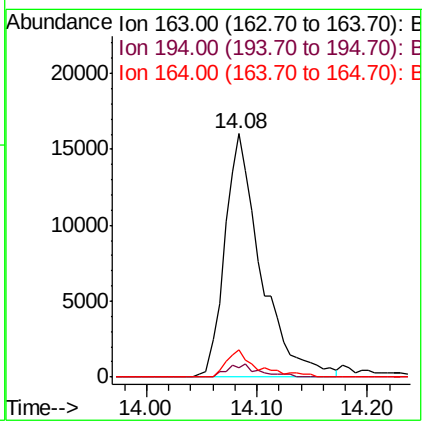


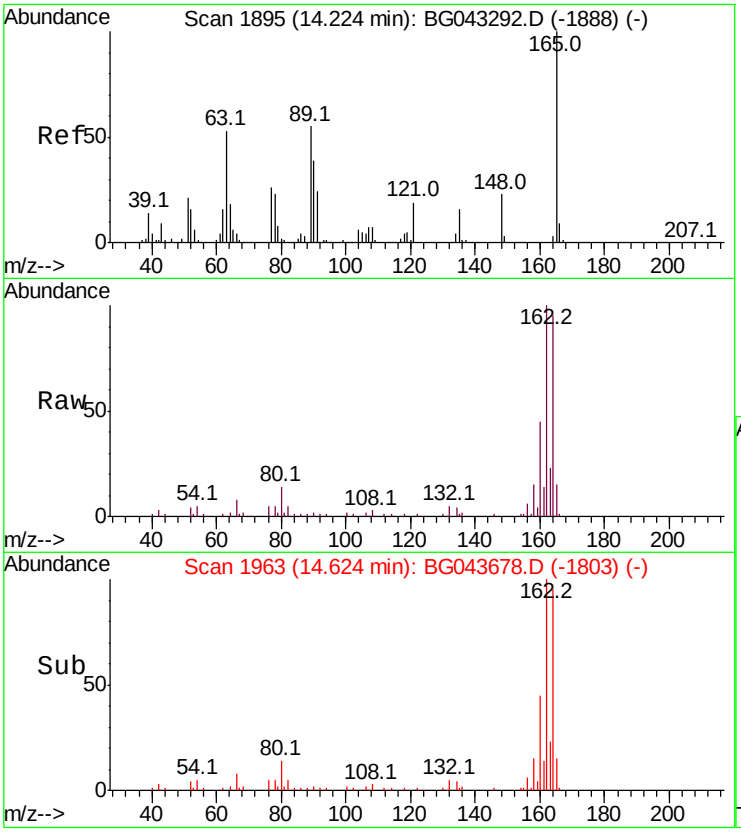


#50
Dimethylphthalate
Concen: 6.582 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion:163 Resp: 36565

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	11.1	8.9	13.3



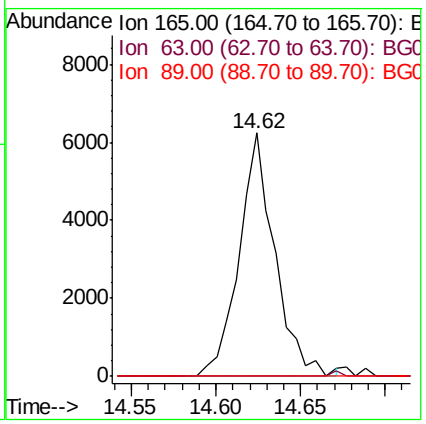


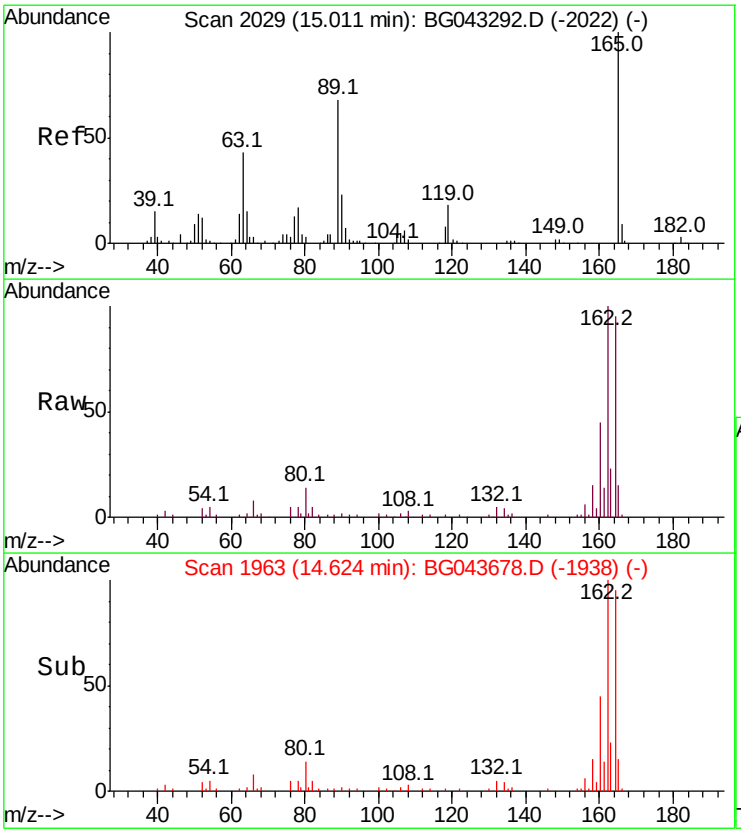
#51
2,6-Dinitrotoluene
Concen: 7.602 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.41 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9174

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	0.0	45.1	67.7#

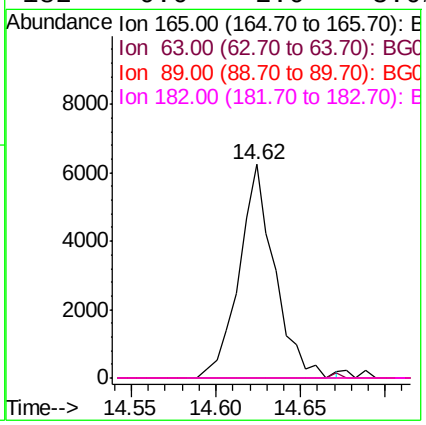


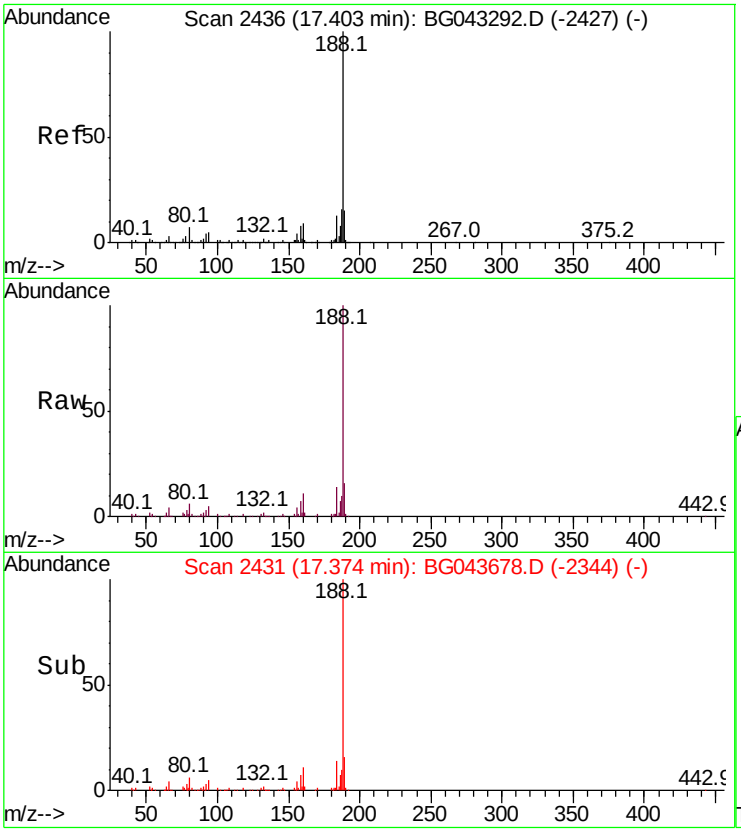


#57
2,4-Dinitrotoluene
Concen: 5.319 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.38 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion:165 Resp: 9174

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#



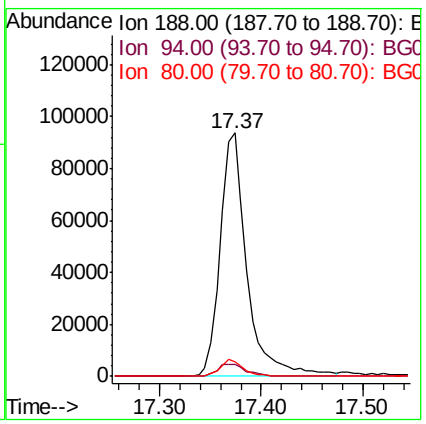


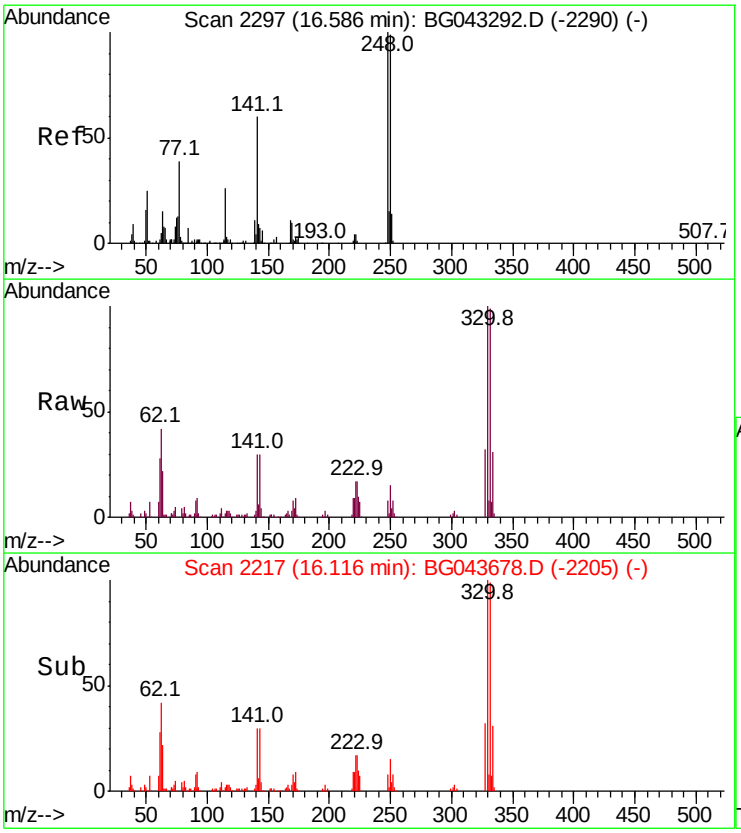
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 171605

Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.2	6.4
80	6.2	4.5	6.7

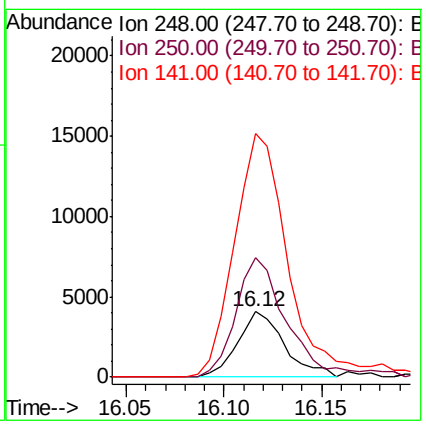


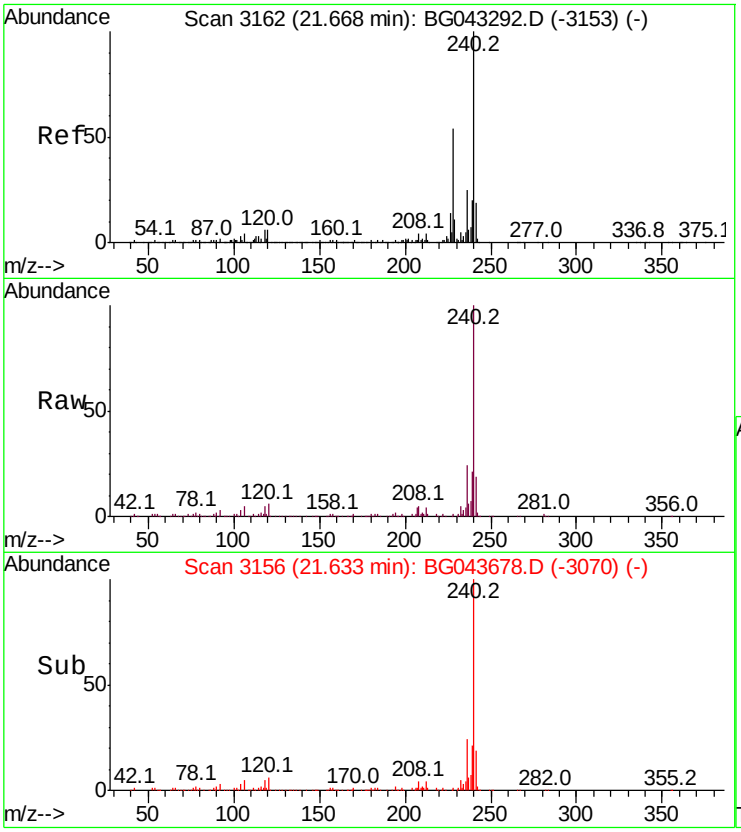


#67
4-Bromophenyl-phenylether
Concen: 2.894 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.46 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion:248 Resp: 6683

Ion	Ratio	Lower	Upper
248	100		
250	183.1	77.0	115.4#
141	373.5	47.5	71.3#



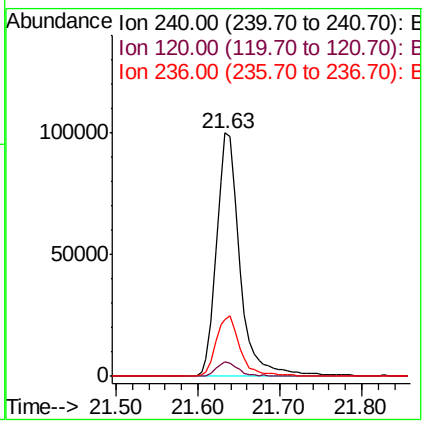


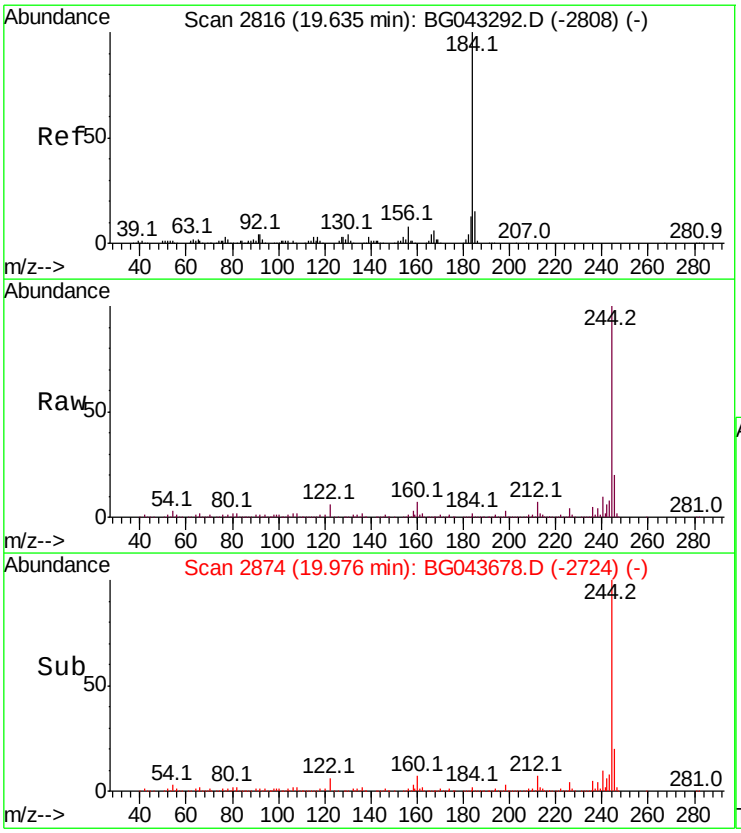
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.02 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 199016

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	6.8
236	23.5	19.8	29.8

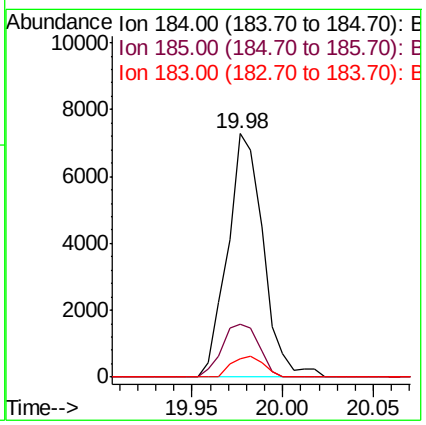


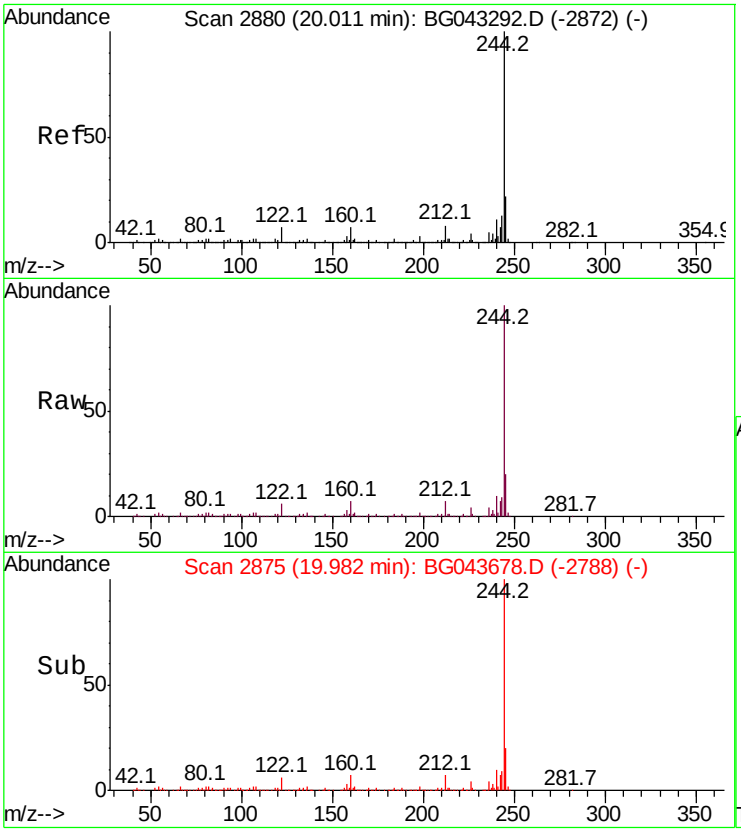


#77
Benzidine
Concen: 2.487 ng
RT: 19.98 min Scan# 2874
Delta R.T. 0.35 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion:184 Resp: 9963

Ion	Ratio	Lower	Upper
184	100		
185	21.6	11.0	16.4#
183	7.4	10.0	15.0#



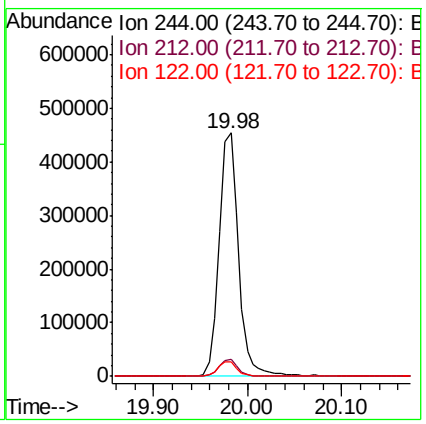


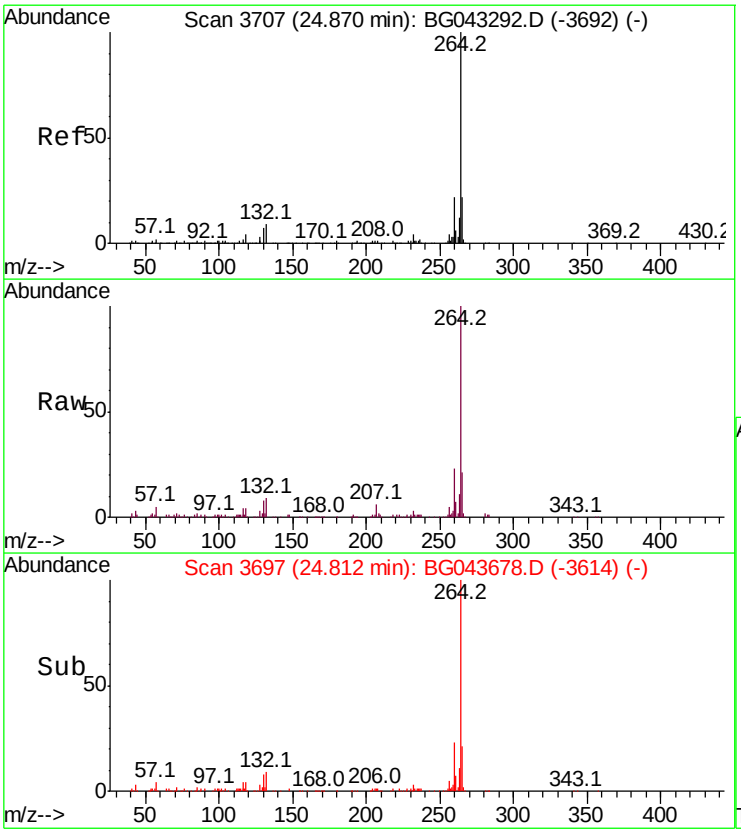
#79
Terphenyl-d14
Concen: 62.056 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 658303

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	6.0	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.04 min
Lab File: BG043678.D
Acq: 18 Nov 2019 18:15

Tgt Ion:264 Resp: 231676

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	21.4	17.4	26.0