Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043573.D
Acq On : 8 Nov 2019 17:23
Operator : JU
Sample : K5746-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1A-COMP

Quant Time: Nov 11 00:32:52 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	25544	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	95970	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	73154	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	197735	20.00	ng		0.00
76) Chrysene-d12	21.65	240	199548	20.00	ng		0.00
87) Perylene-d12	24.84	264	232380	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	211738	151.89	ng		0.00
7) Phenol-d6	7.21	99	295346	147.26	ng		0.00
23) Nitrobenzene-d5	9.17	82	171892	92.34	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	182155	130.85	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	455707	86.08	ng		0.00
79) Terphenyl-d14	19.99	244	1036375	97.44	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.23	94	6631	3.618	ng		86
15) Benzyl Alcohol	8.33	79	3698	2.625	ng	#	37
19) n-Nitroso-di-n-propylamine	9.17	70	23769	18.340	ng	#	83
50) Dimethylphthalate	14.09	163	50875	8.979	ng		99
57) 2,4-Dinitrotoluene	14.63	165	9631	5.475	ng	#	25
67) 4-Bromophenyl-phenylether	16.13	248	11836	4.448	ng	#	1
77) Benzidine	19.99	184	14480	3.606	ng	#	83

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

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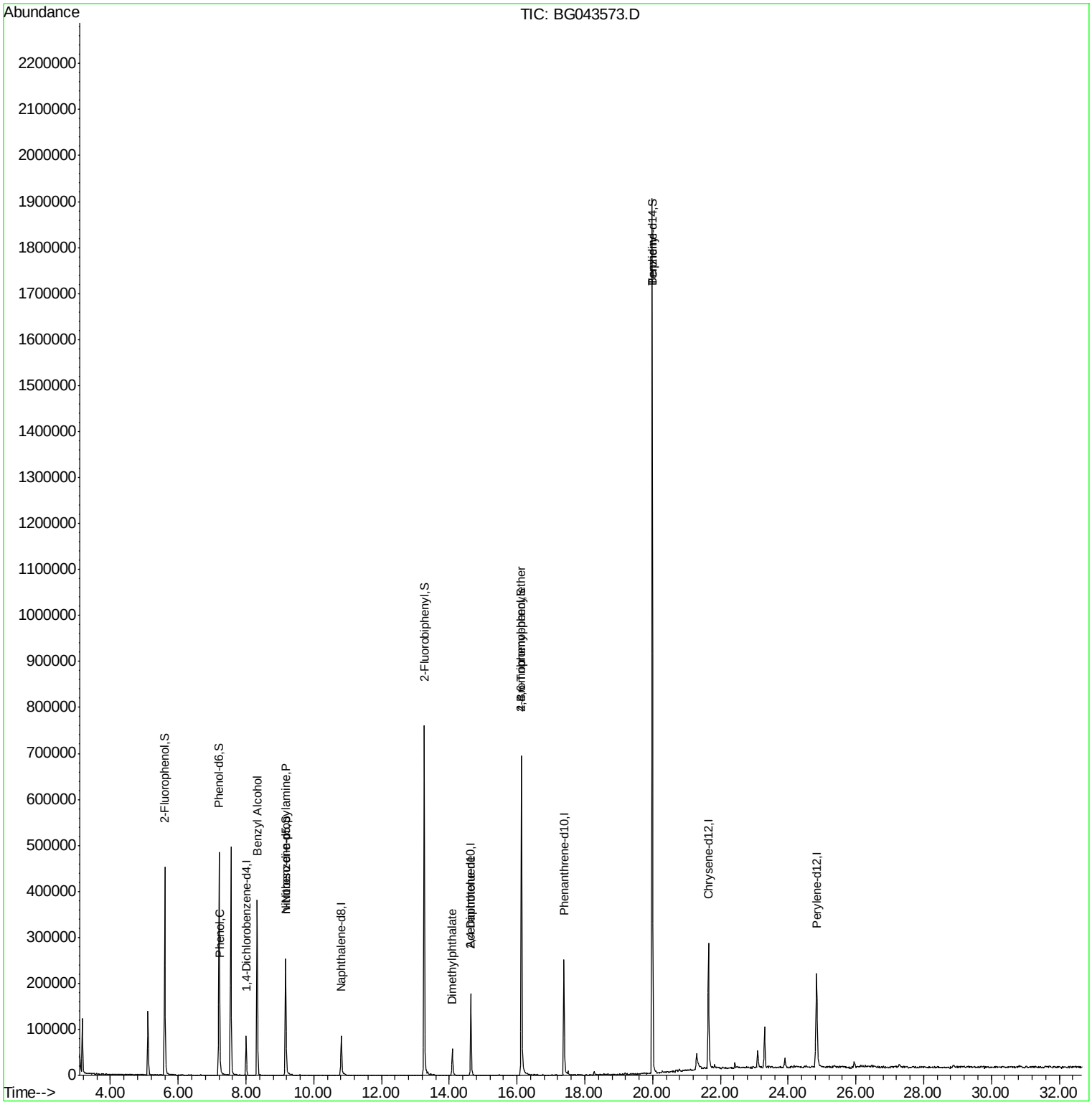
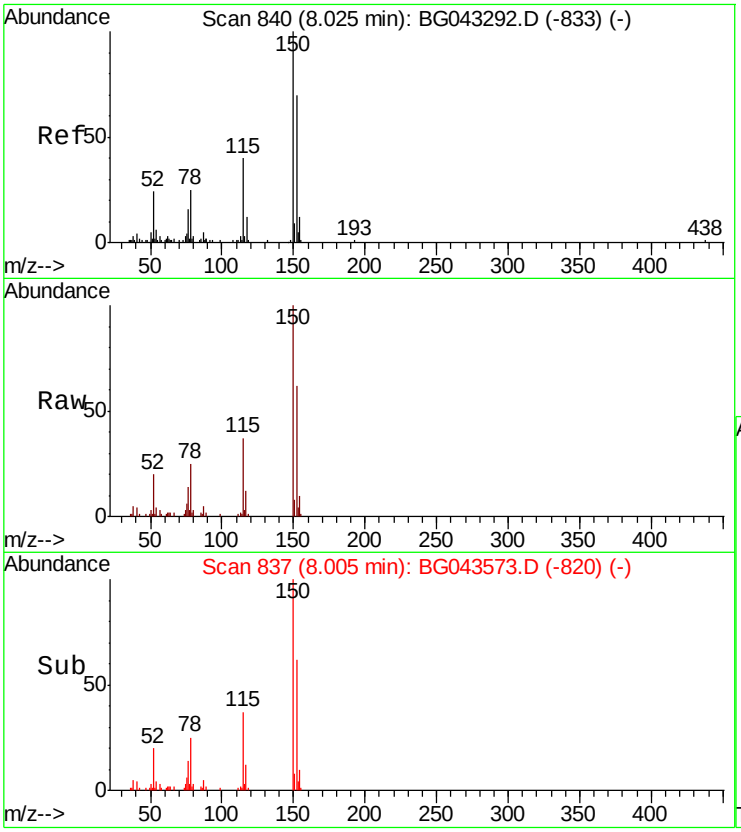


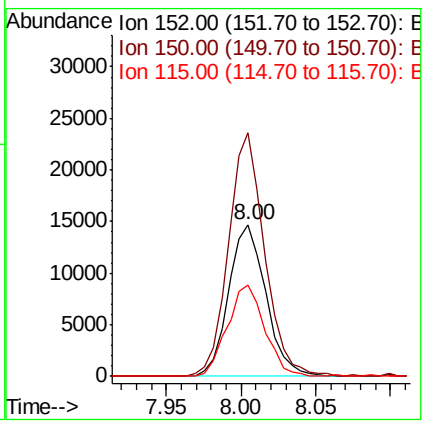


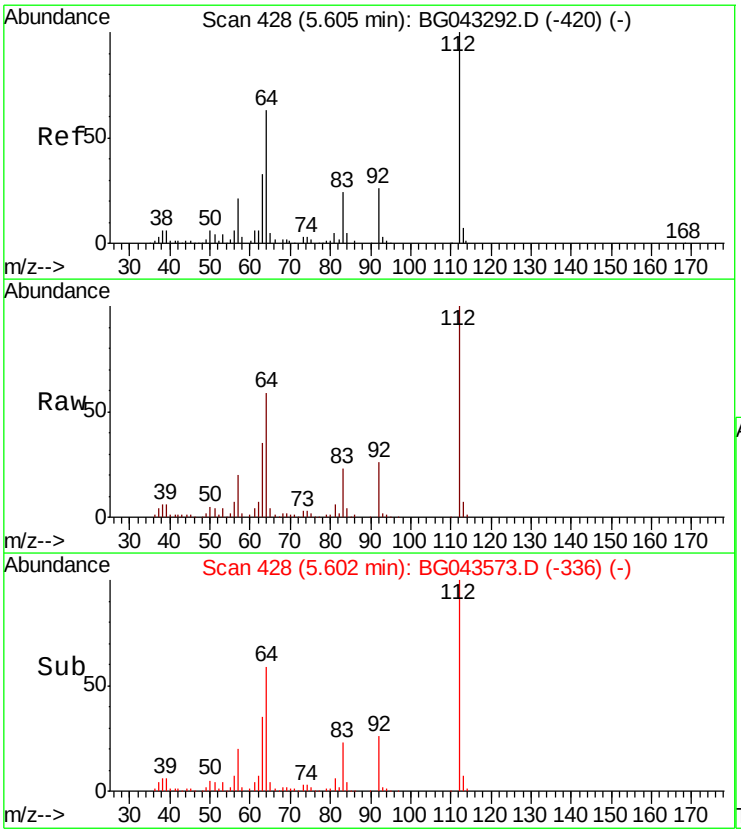
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tgt Ion:152 Resp: 25544

Ion	Ratio	Lower	Upper
152	100		
150	160.6	129.4	194.0
115	59.9	48.8	73.2

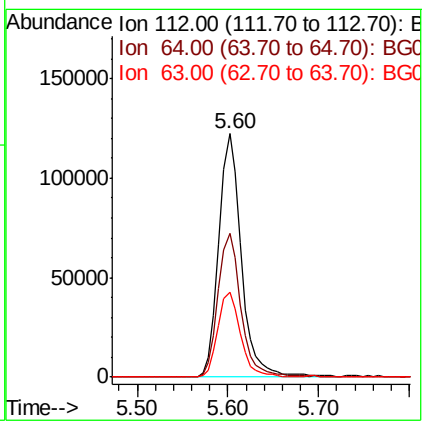


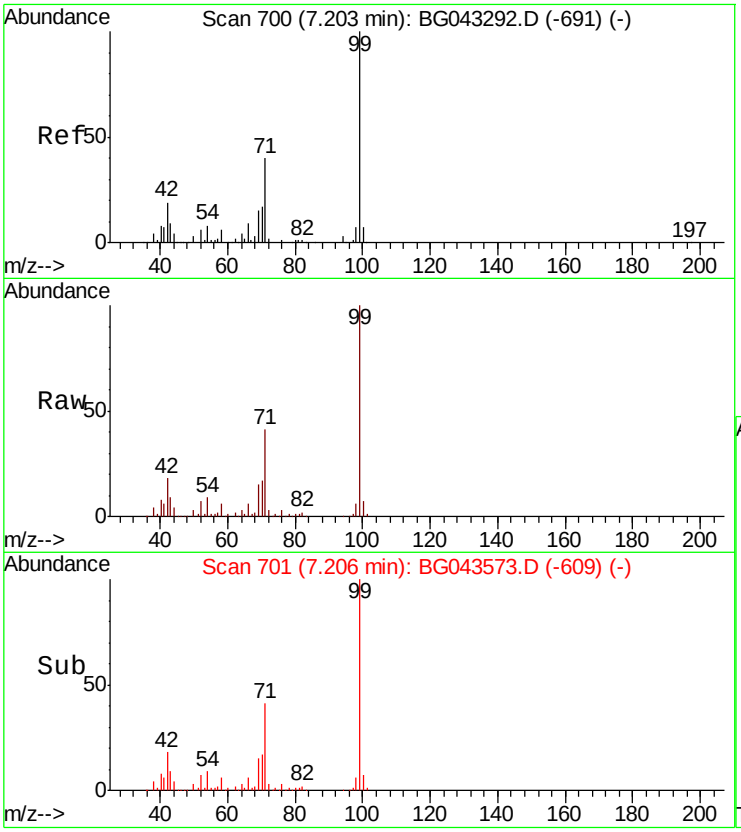


#5
2-Fluorophenol
Concen: 151.894 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion:112 Resp: 211738

Ion	Ratio	Lower	Upper
112	100		
64	58.9	50.0	75.0
63	34.7	26.6	40.0



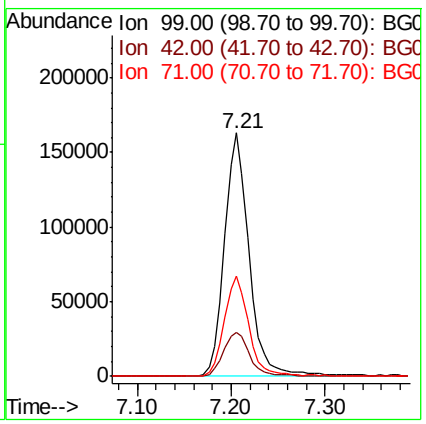


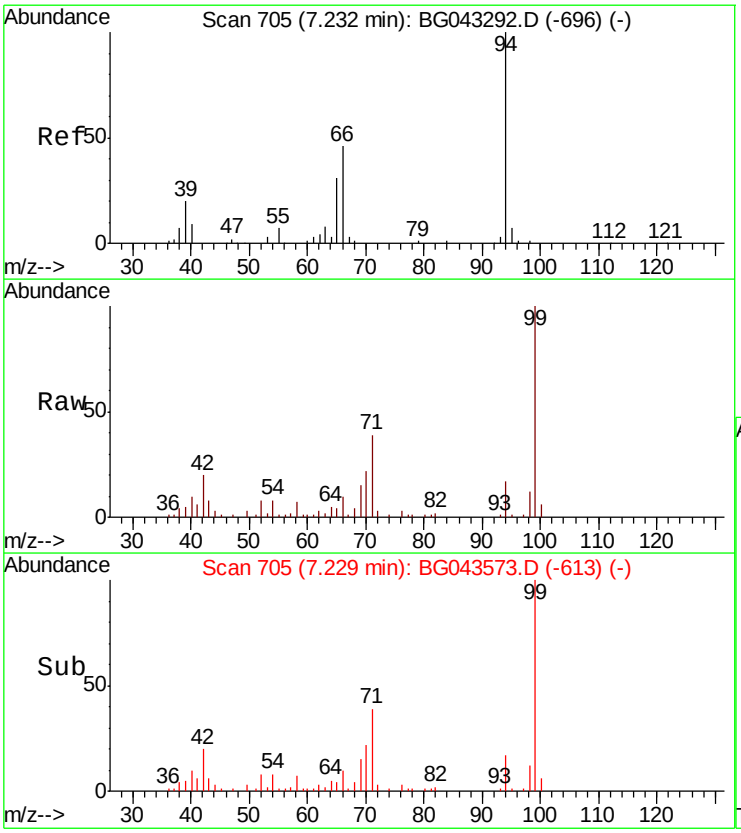
#7
Phenol-d6
Concen: 147.260 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tgt Ion: 99 Resp: 295346

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	41.3	32.5	48.7

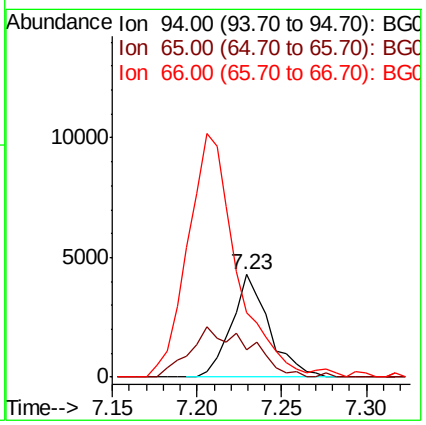


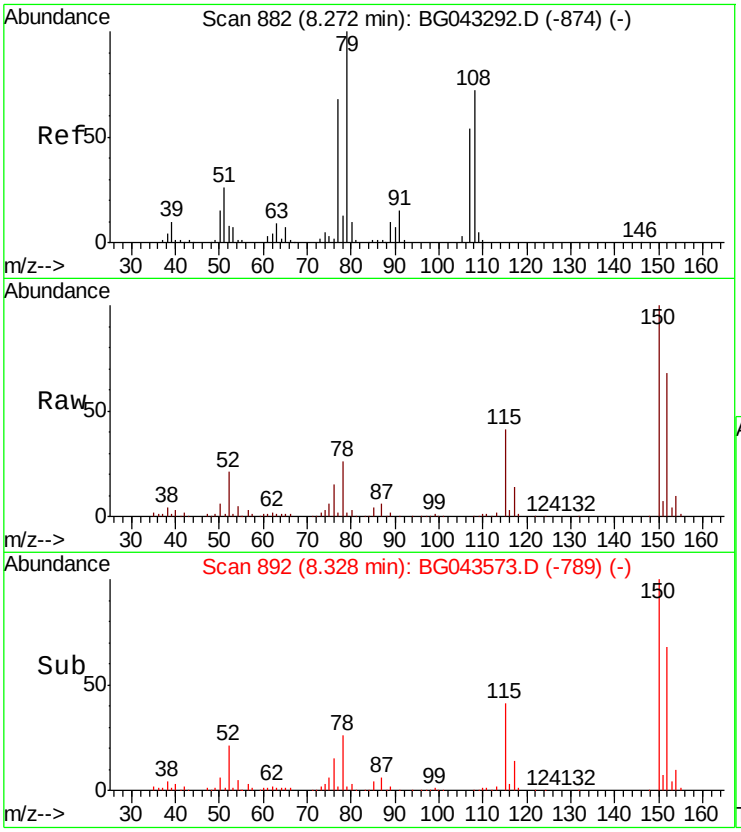


#10
Phenol
Concen: 3.618 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion: 94 Resp: 6631

Ion	Ratio	Lower	Upper
94	100		
65	26.7	12.6	52.6
66	62.3	30.7	70.7



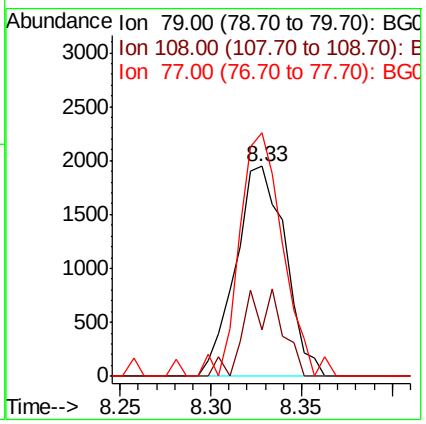


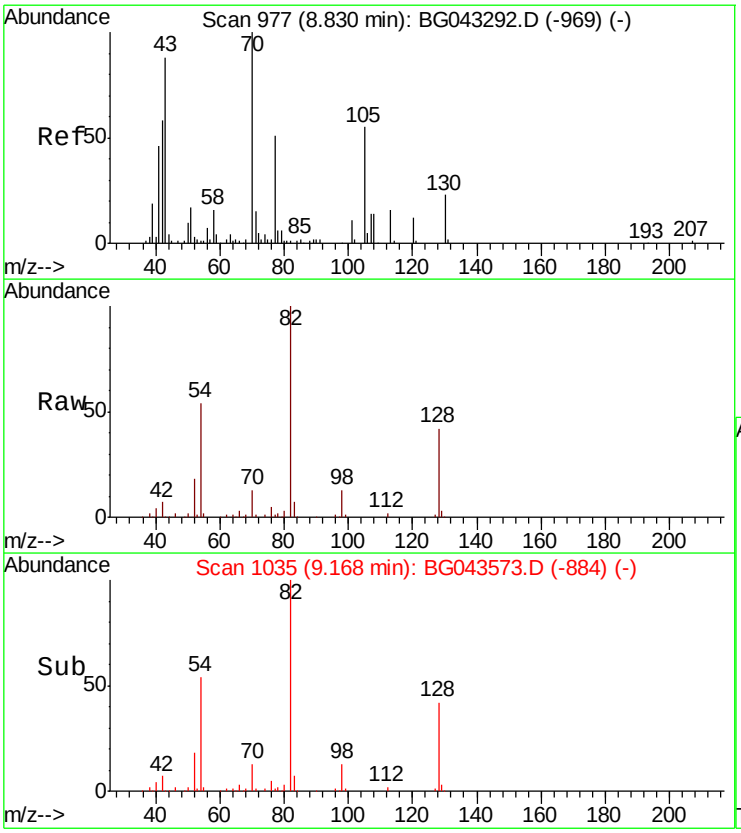
#15
Benzyl Alcohol
Concen: 2.625 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.07 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tgt Ion: 79 Resp: 3698

Ion	Ratio	Lower	Upper
79	100		
108	22.0	53.6	80.4#
77	116.0	49.6	74.4#

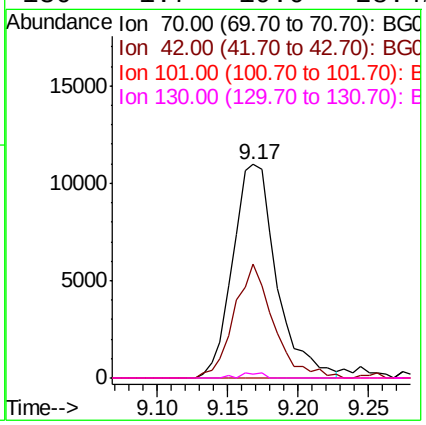


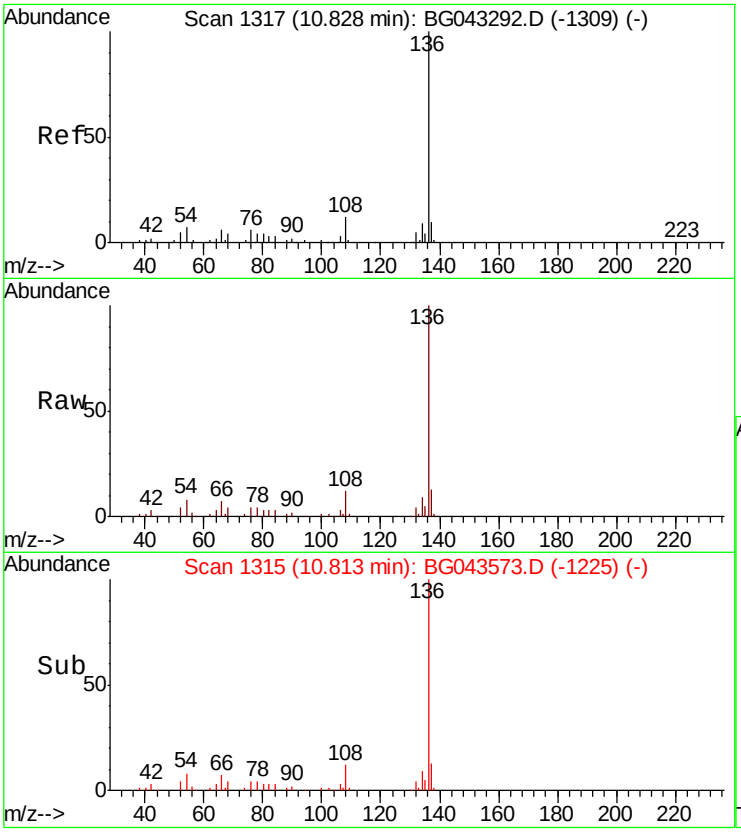


#19
n-Nitroso-di-n-propylamine
Concen: 18.340 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion: 70 Resp: 23769

Ion	Ratio	Lower	Upper
70	100		
42	53.6	41.4	62.2
101	0.0	7.9	11.9#
130	1.7	19.0	28.4#



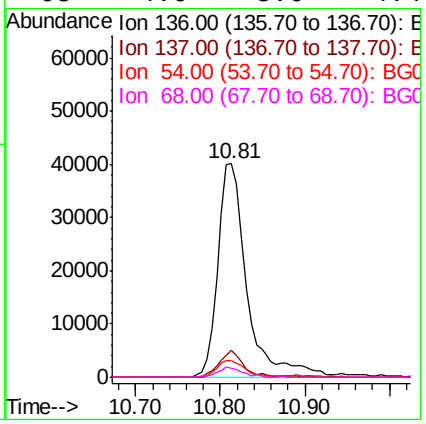


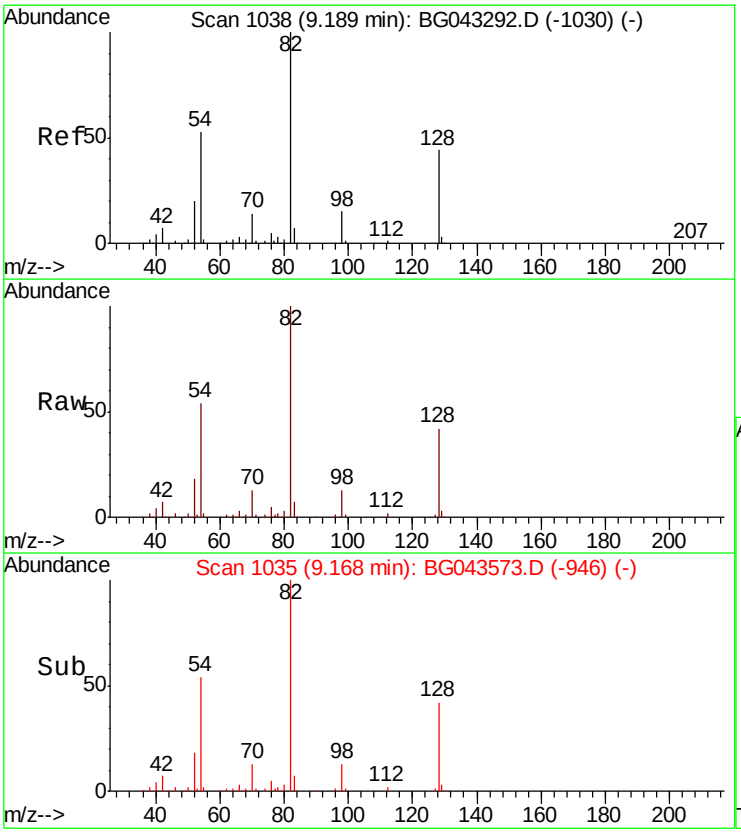
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tgt Ion:136 Resp: 95970

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.7	13.1
54	7.7	5.4	8.2
68	4.0	3.0	4.4

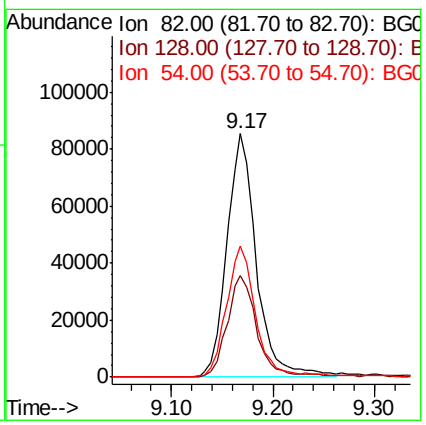


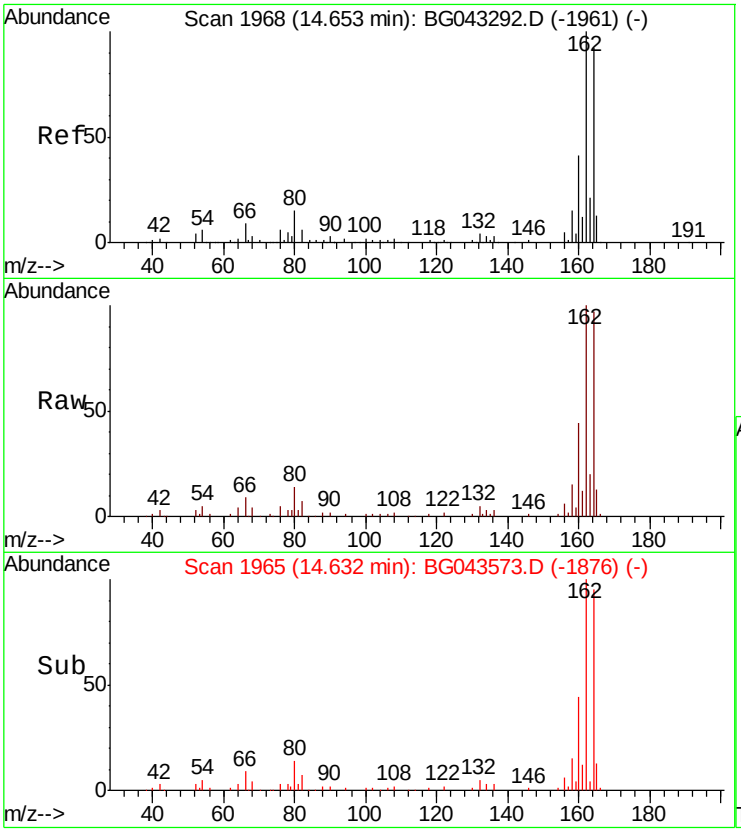


#23
Nitrobenzene-d5
Concen: 92.339 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion: 82 Resp: 171892

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.6
54	53.8	40.2	60.2



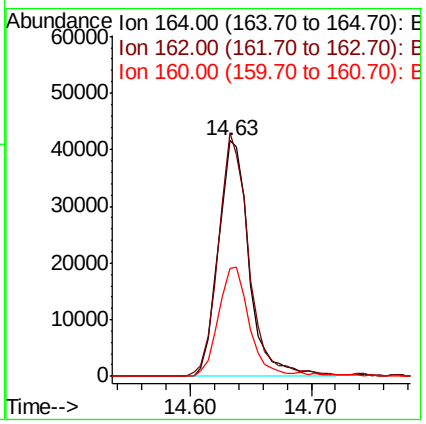


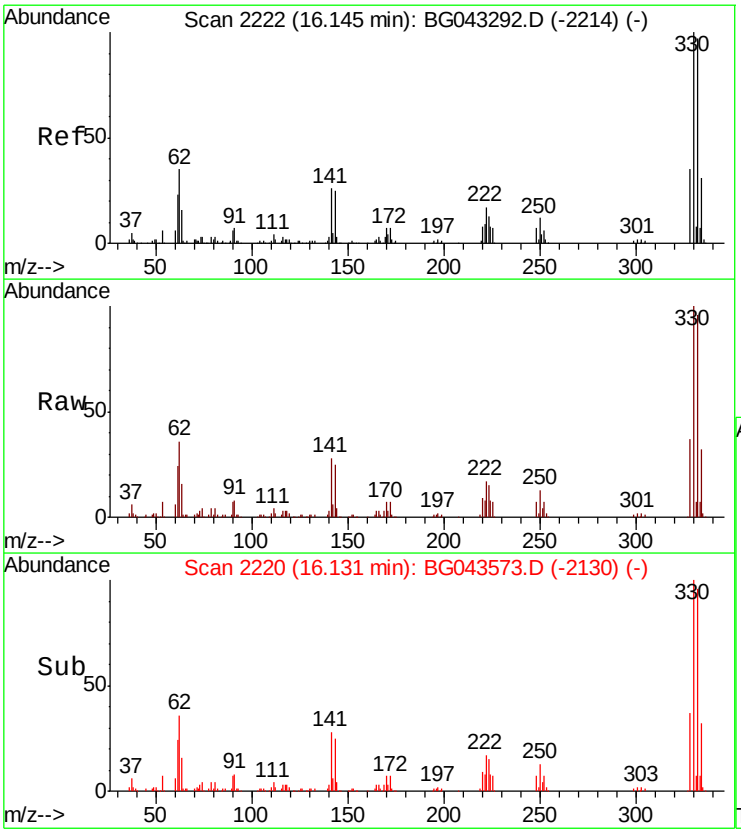
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tgt Ion:164 Resp: 73154

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.5	125.3
160	46.0	36.5	54.7

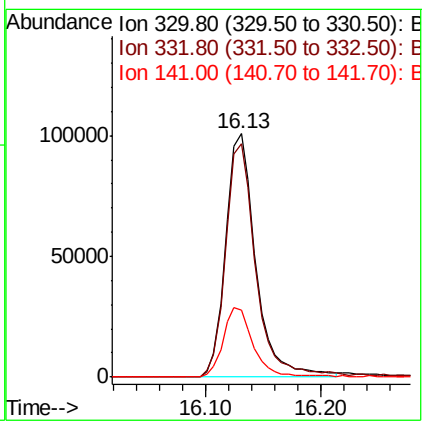


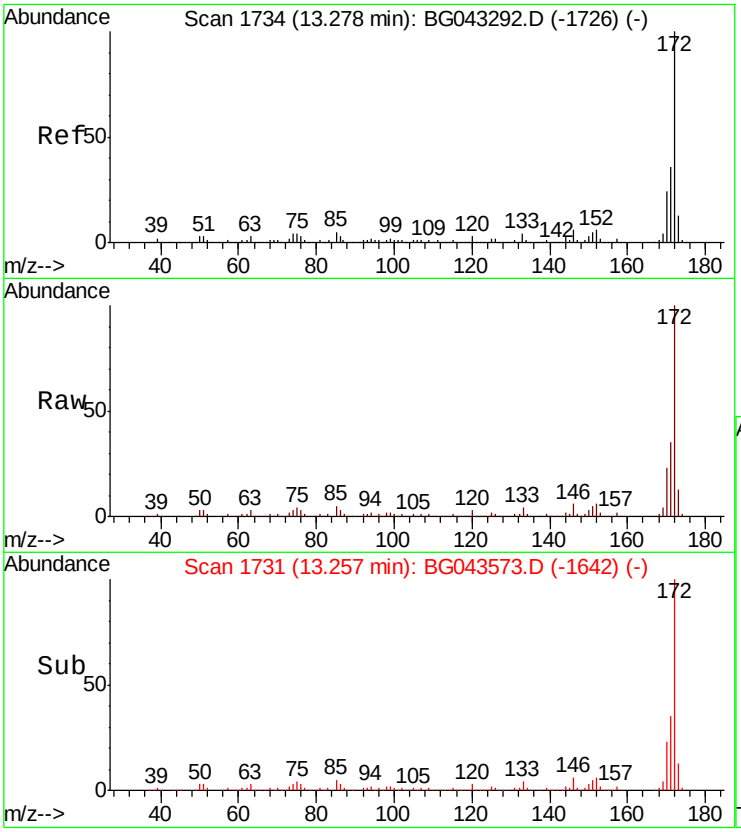


#42
2,4,6-Tribromophenol
Concen: 130.847 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion:330 Resp: 182155

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	29.1	22.8	34.2



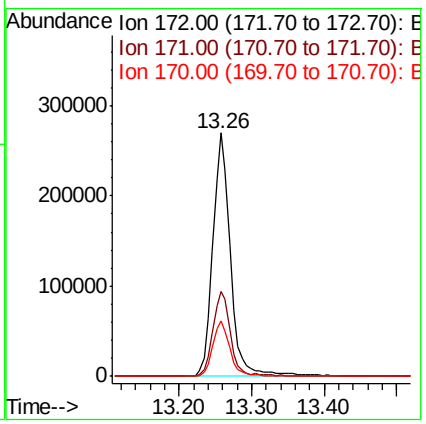


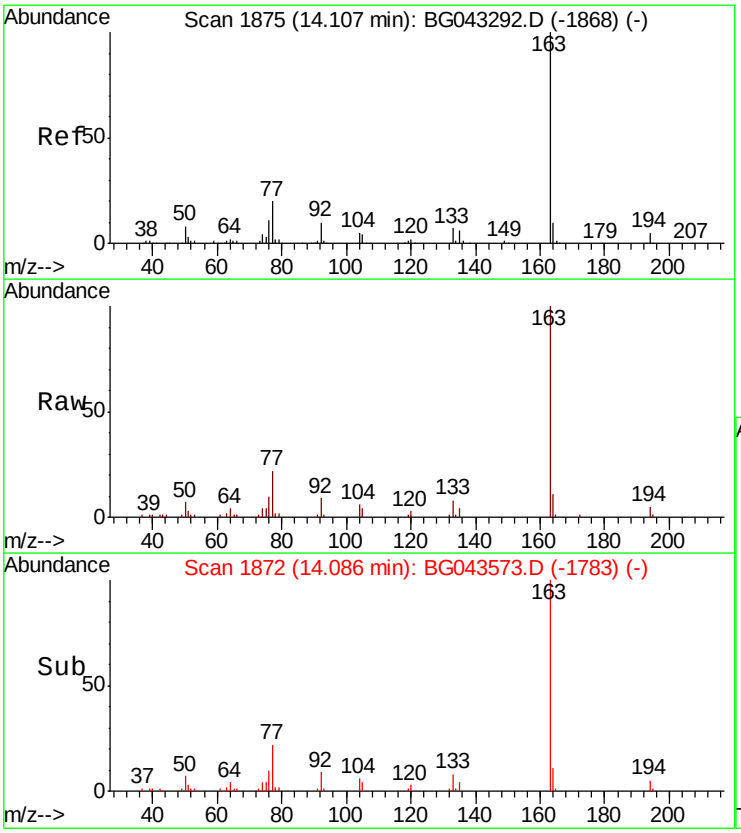
#45
2-Fluorobiphenyl
Concen: 86.078 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tgt Ion:172 Resp: 455707

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	22.5	18.5	27.7

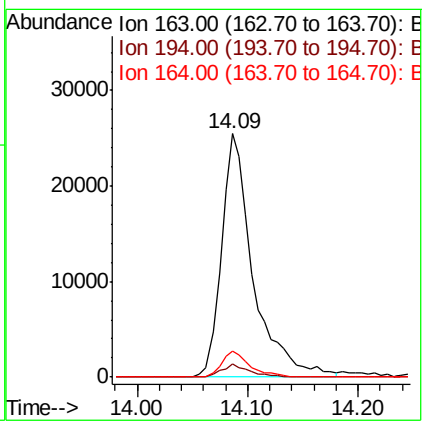


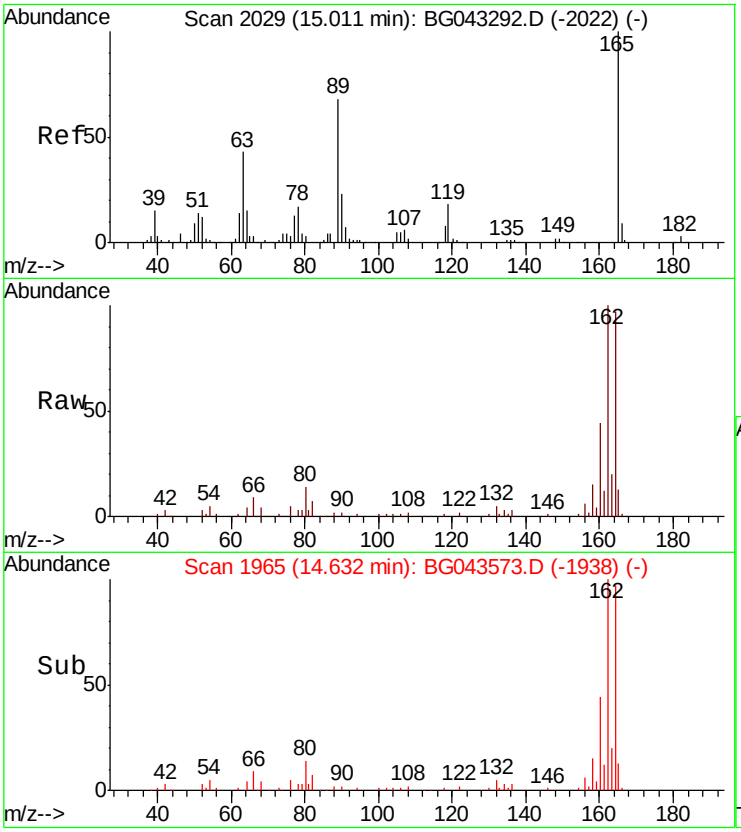


#50
Dimethylphthalate
Concen: 8.979 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion:163 Resp: 50875

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.8	5.6
164	10.8	8.9	13.3



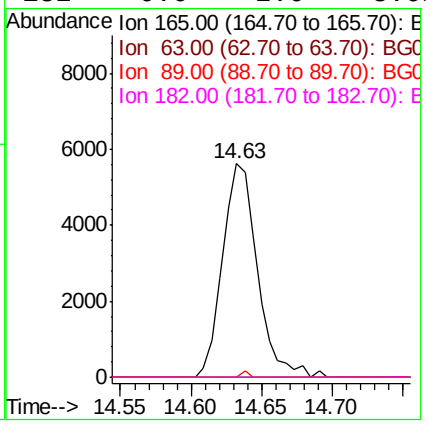


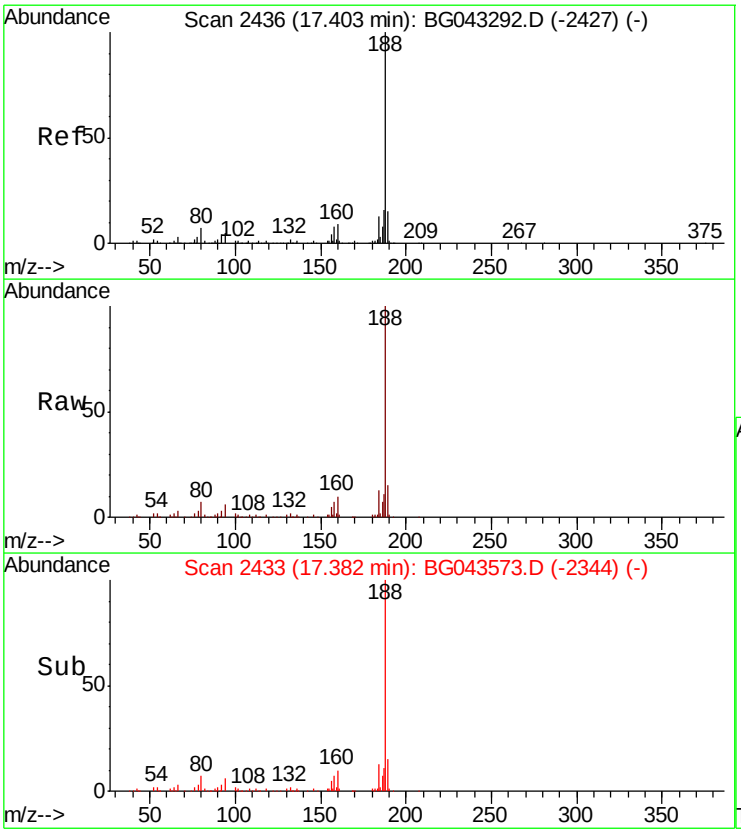
#57
2,4-Dinitrotoluene
Concen: 5.475 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.37 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tgt Ion:165 Resp: 9631

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#

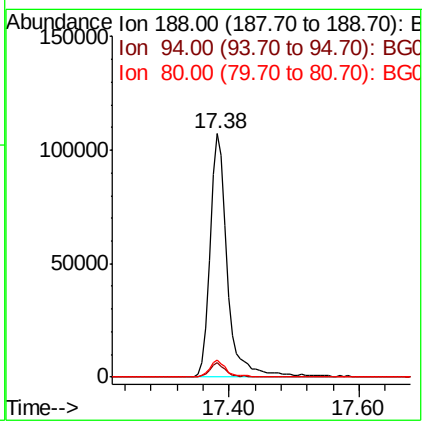


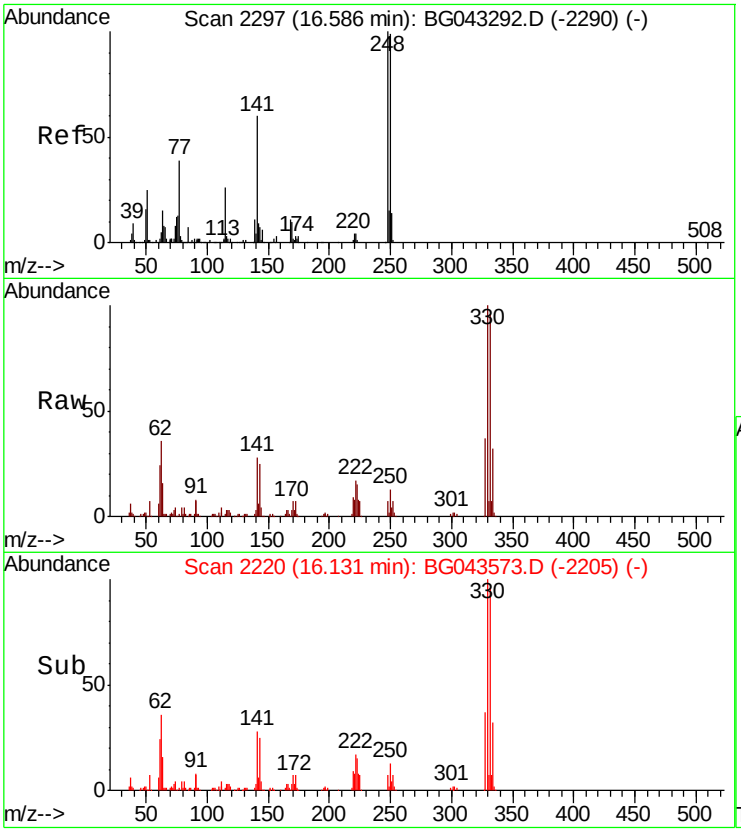


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion:188 Resp: 197735

Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.2	6.4
80	6.8	4.5	6.7#



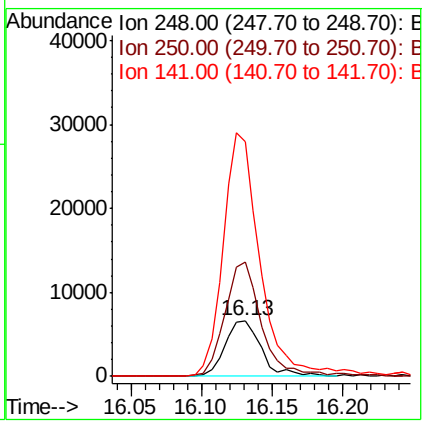


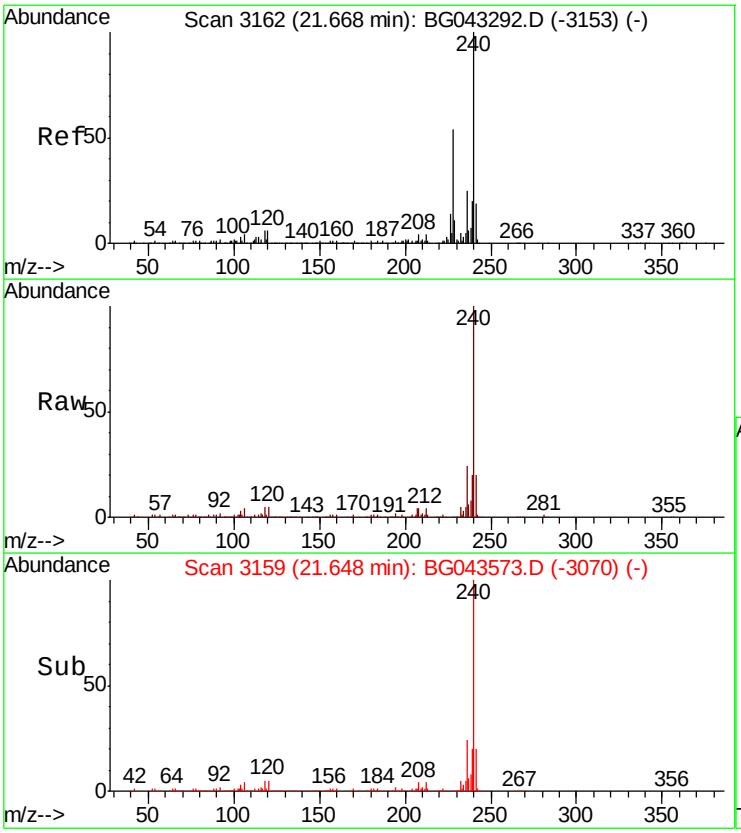
#67
4-Bromophenyl-phenylether
Concen: 4.448 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.44 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tgt Ion:248 Resp: 11836

Ion	Ratio	Lower	Upper
248	100		
250	203.9	77.0	115.4#
141	419.7	47.5	71.3#

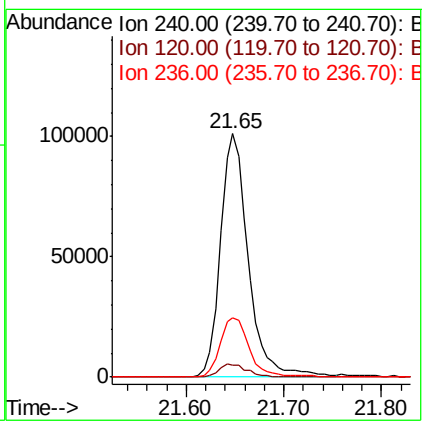


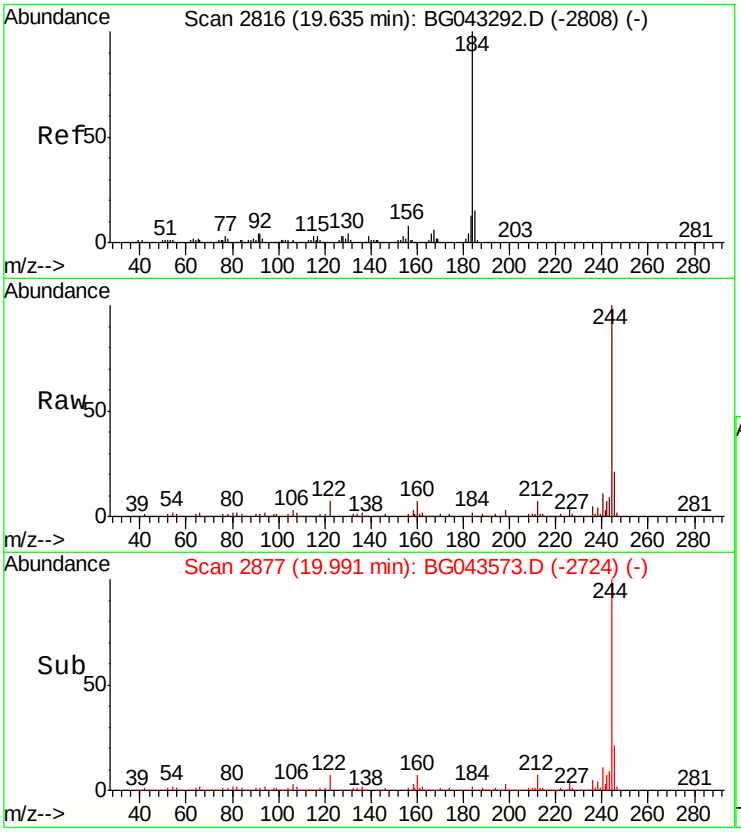


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion:240 Resp: 199548

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	6.8
236	24.4	19.8	29.8



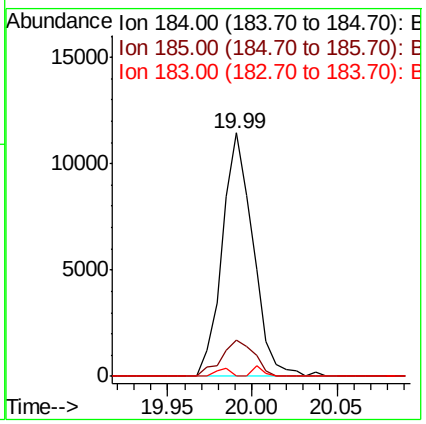


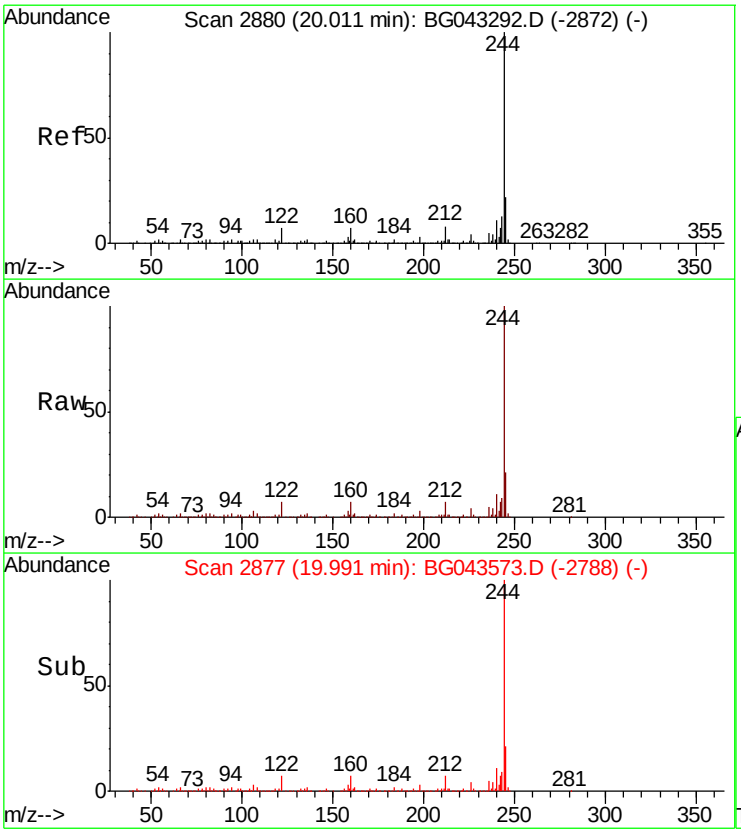
#77
Benzidine
Concen: 3.606 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.37 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tgt Ion:184 Resp: 14480

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.0	16.4
183	0.0	10.0	15.0#

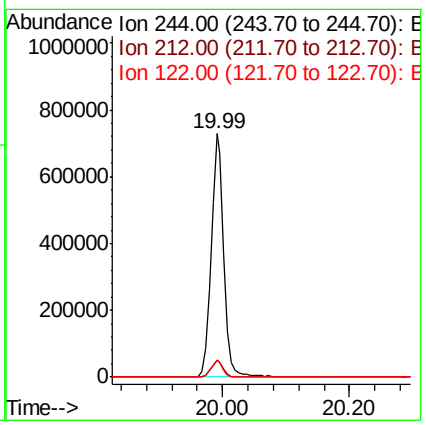


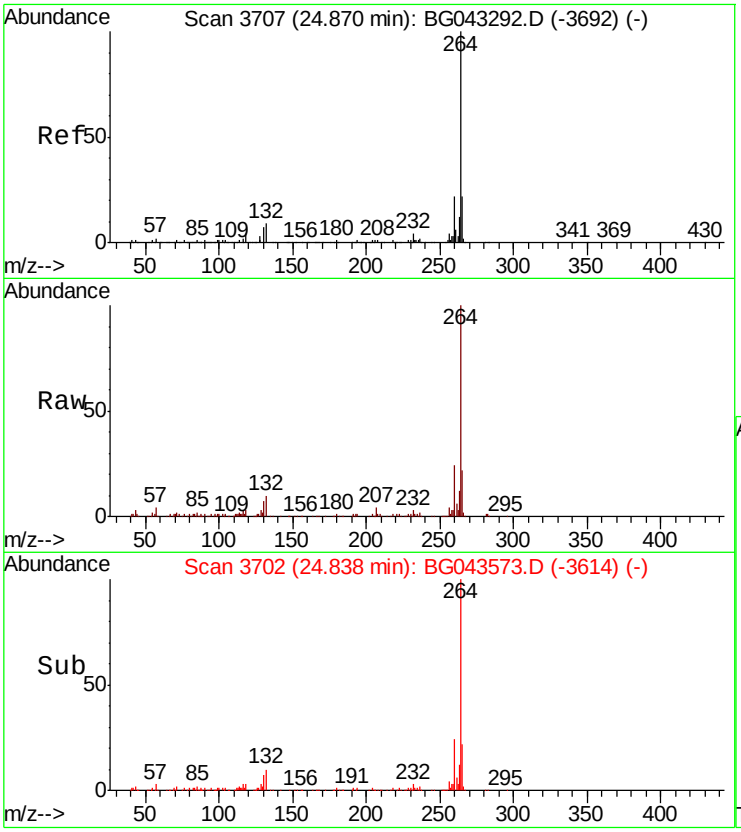


#79
Terphenyl-d14
Concen: 97.435 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Tgt Ion:244 Resp: 1036375

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	7.0	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG043573.D
Acq: 8 Nov 2019 17:23

Instrument :
BNA_G
ClientSampleId :
TP-1A-COMP

Tgt Ion:264 Resp: 232380

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.5	26.3
265	22.3	17.4	26.0