Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
Data File : BG039785.D
Acq On : 6 Mar 2019 13:29
Operator : JU/SJ
Sample : K1704-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PST-028-SW063-022719

Quant Time: Mar 07 00:08:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43011	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	183135	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	128727	20.00	ng		-0.01
64) Phenanthrene-d10	17.53	188	323480	20.00	ng		0.00
76) Chrysene-d12	21.81	240	324875	20.00	ng		-0.02
87) Perylene-d12	25.18	264	321675	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	390354	154.83	ng		0.00
7) Phenol-d6	7.30	99	590606	157.11	ng		-0.01
23) Nitrobenzene-d5	9.33	82	340709	100.62	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	240744	160.45	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	825222	91.28	ng		-0.01
79) Terphenyl-d14	20.12	244	1262236	85.55	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.33	94	11715	2.877	ng		93
19) n-Nitroso-di-n-propylamine	9.33	70	44801	16.558	ng	#	74
50) Dimethylphthalate	14.22	163	53968	5.014	ng	#	99
57) 2,4-Dinitrotoluene	14.78	165	16692	5.206	ng	#	20
67) 4-Bromophenyl-phenylether	16.26	248	19410	5.361	ng	#	1
77) Benzidine	20.12	184	22205	2.154	ng	#	92

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

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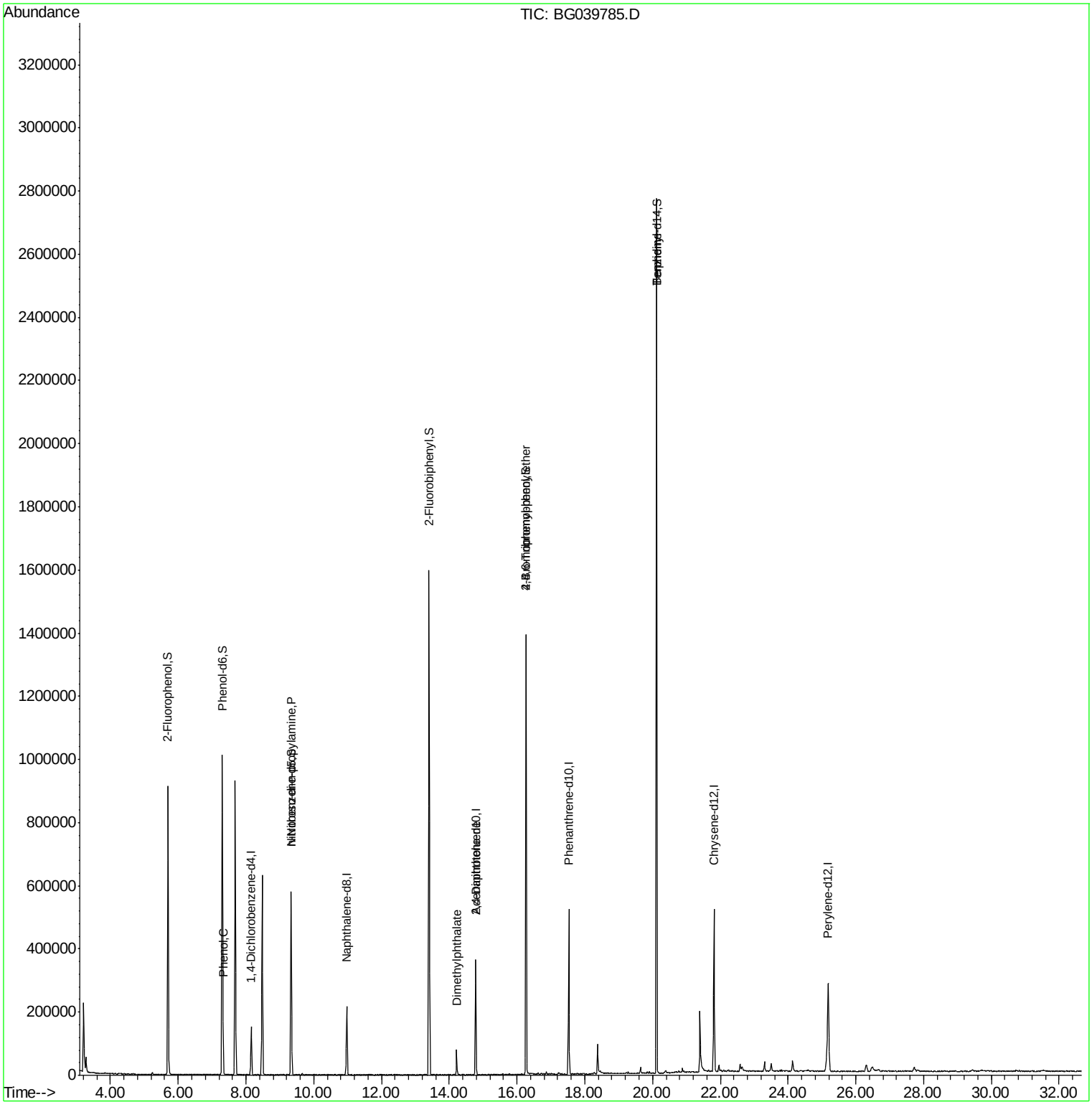
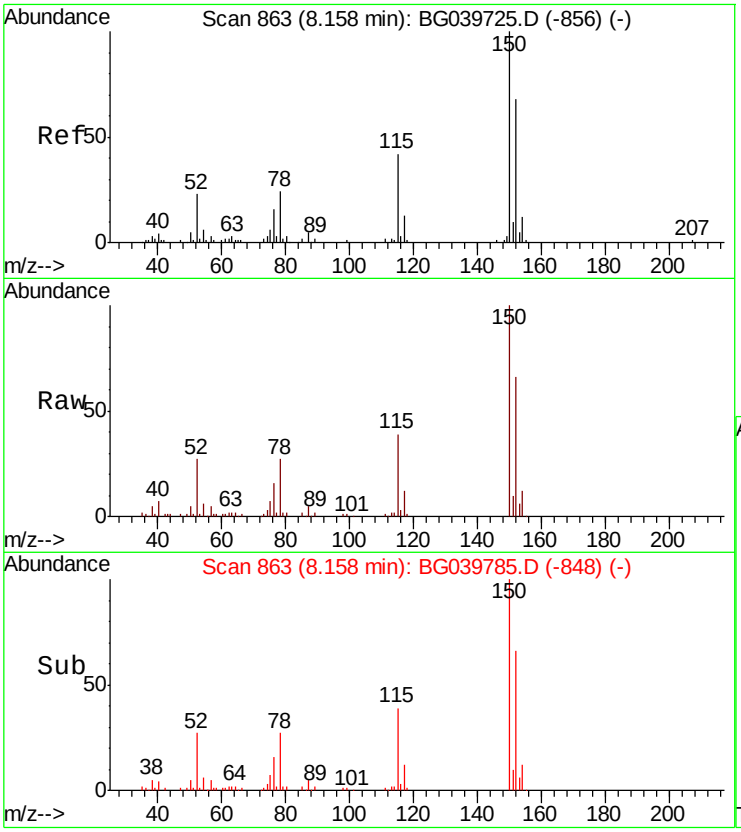


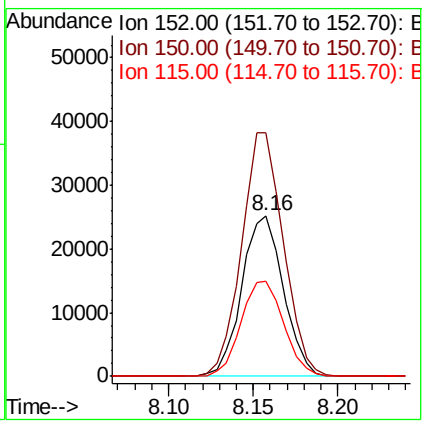


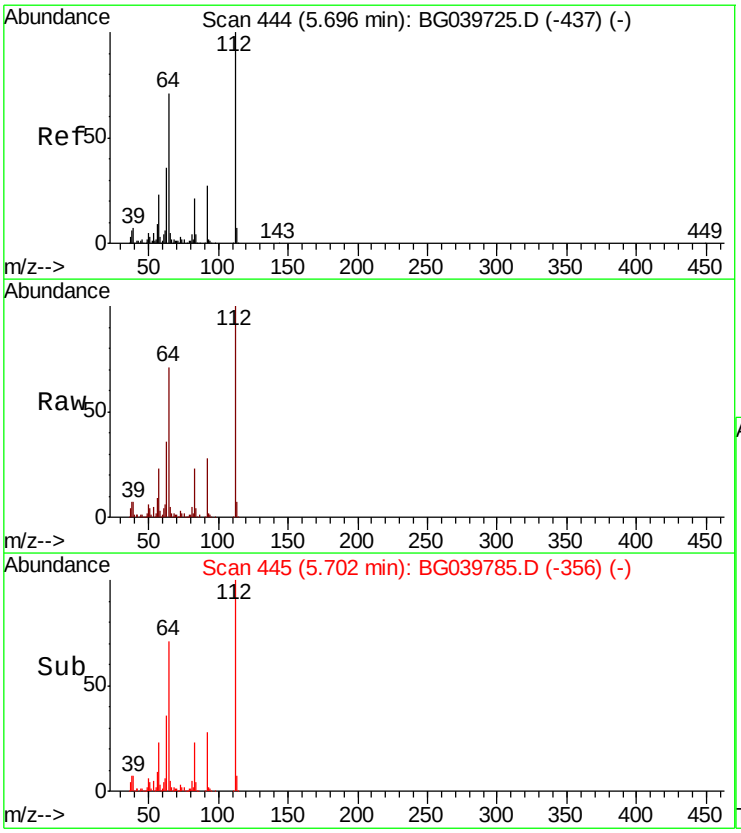
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion:152 Resp: 43011

Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.7	185.5
115	59.3	45.9	68.9

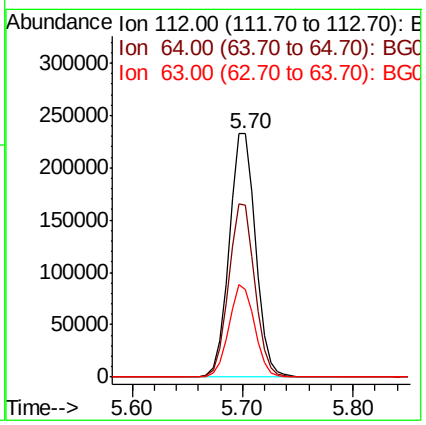


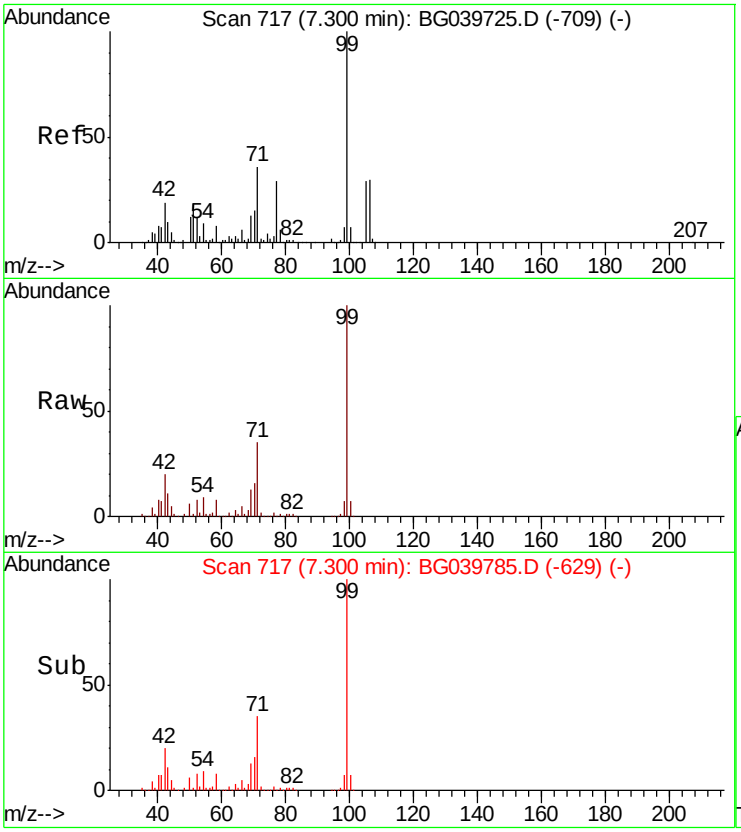


#5
2-Fluorophenol
Concen: 154.832 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion:112 Resp: 390354

Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.8	86.8
63	36.2	29.8	44.6



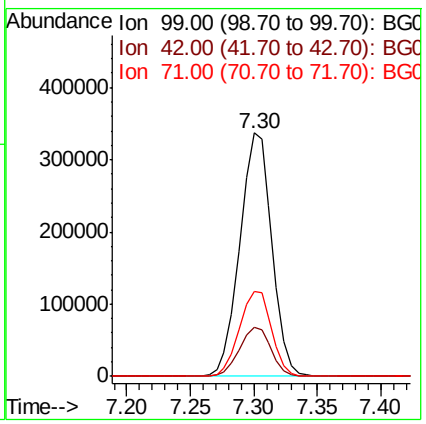


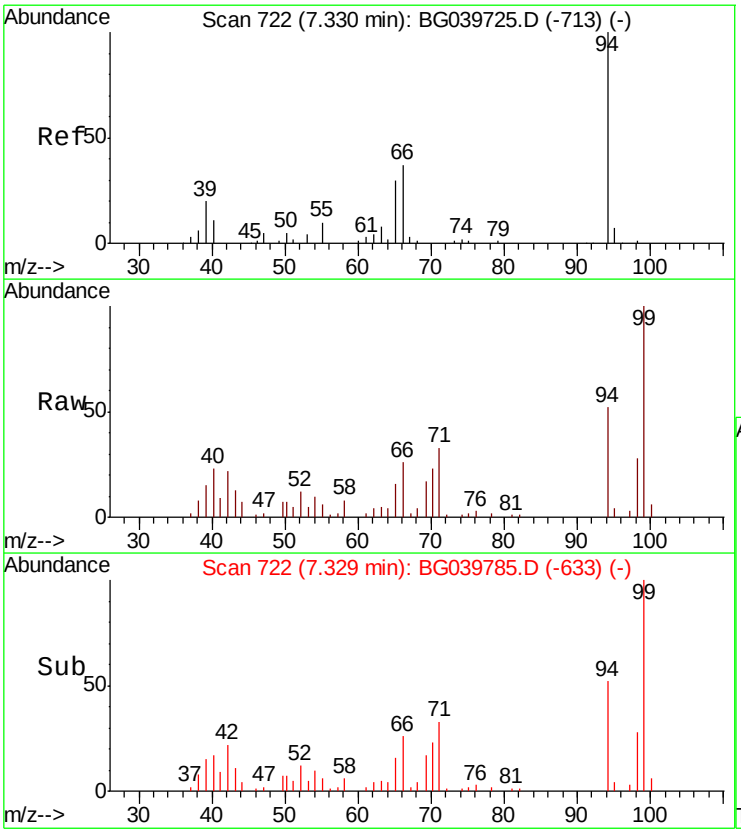
#7
Phenol-d6
Concen: 157.110 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion: 99 Resp: 590606

Ion	Ratio	Lower	Upper
99	100		
42	20.3	18.2	27.2
71	34.9	28.0	42.0

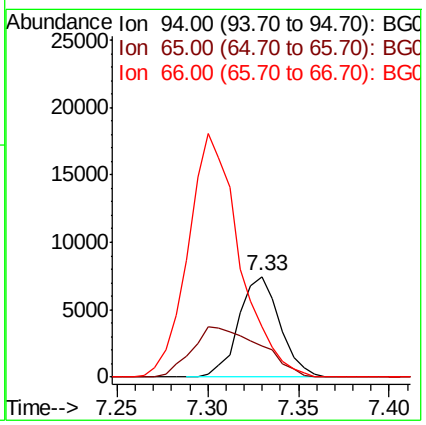


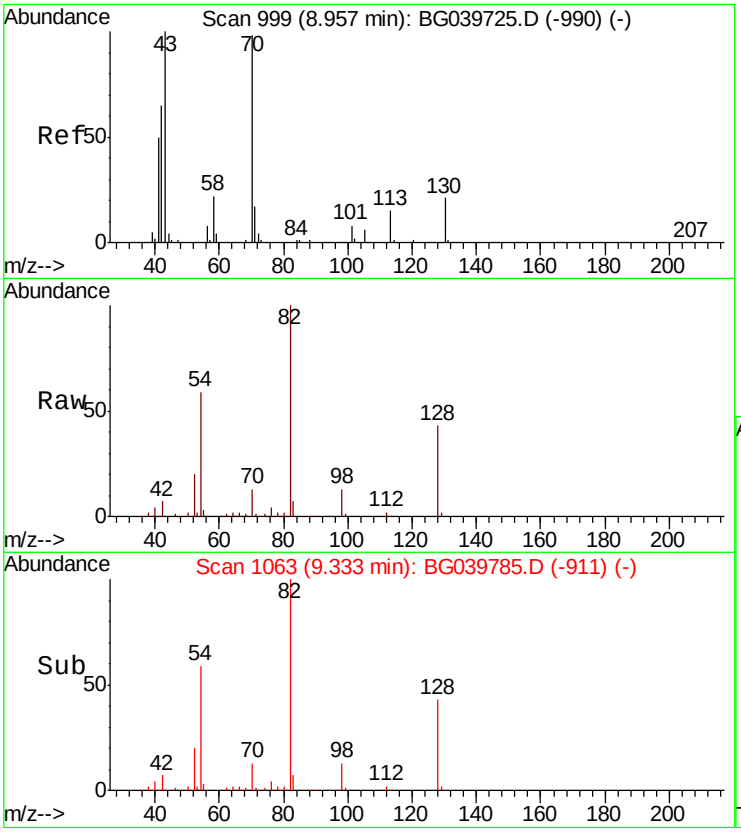


#10
Phenol
Concen: 2.877 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion: 94 Resp: 11715

Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.7	51.7
66	50.5	23.7	63.7



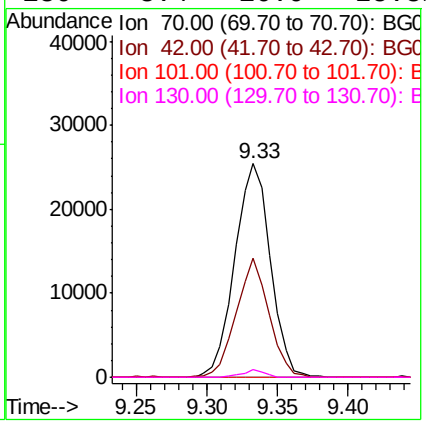


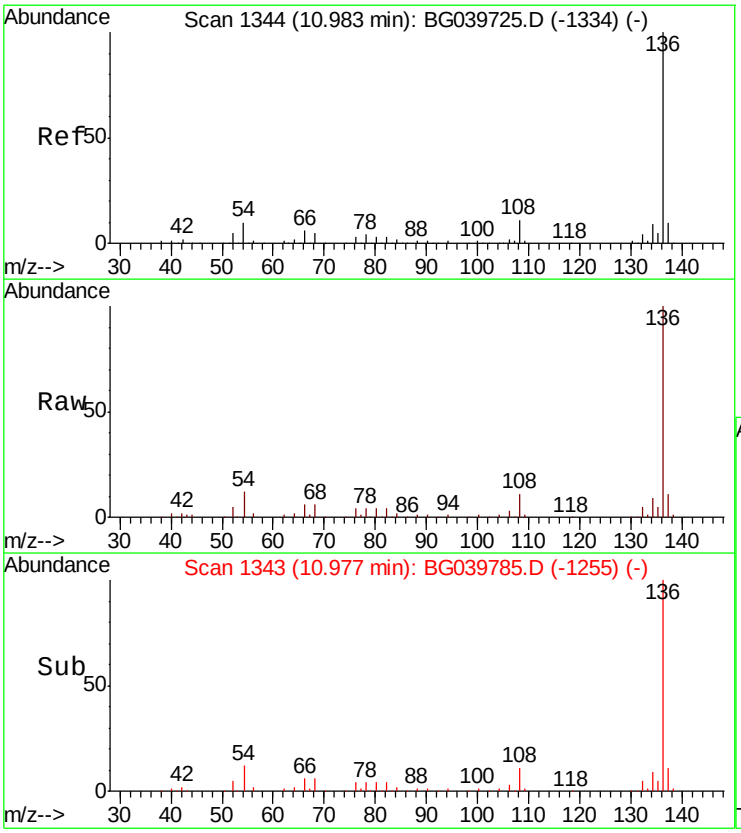
#19
n-Nitroso-di-n-propylamine
Concen: 16.558 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion: 70 Resp: 44801

Ion	Ratio	Lower	Upper
70	100		
42	56.0	60.4	90.6#
101	0.0	7.5	11.3#
130	3.4	16.9	25.3#

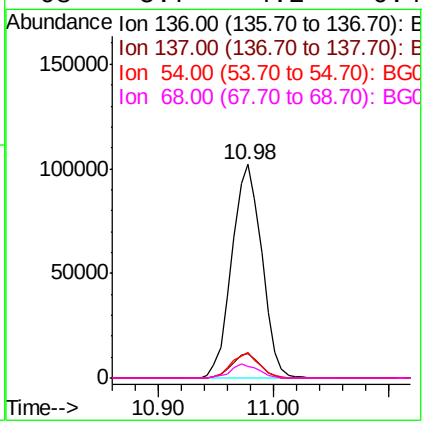


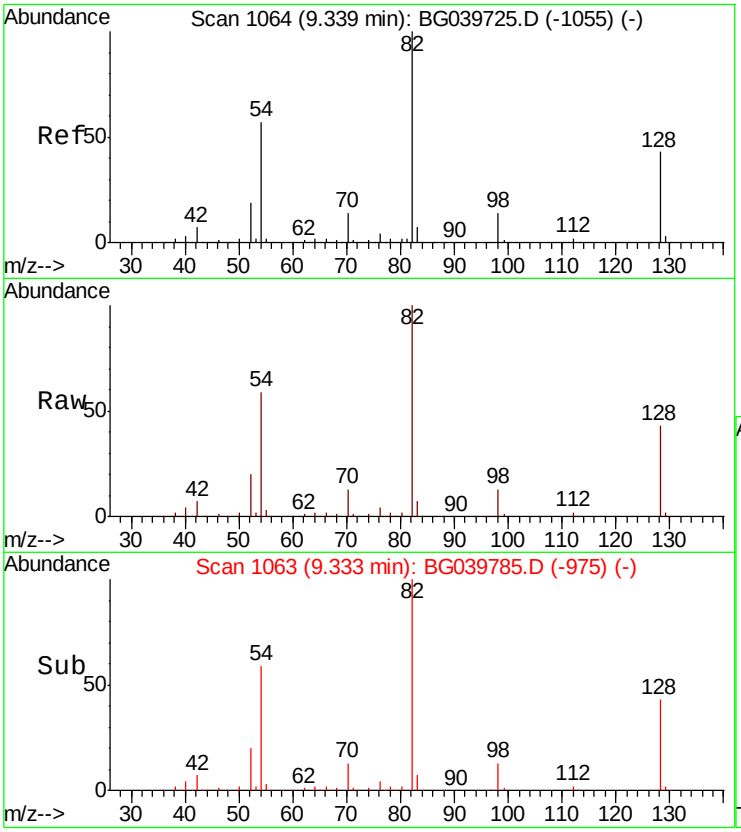


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion:136 Resp: 183135

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	12.3	9.4	14.2
68	5.7	4.2	6.4



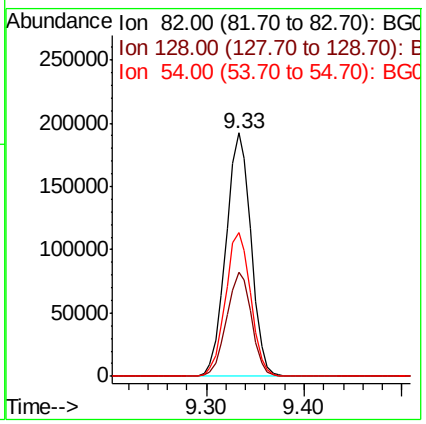


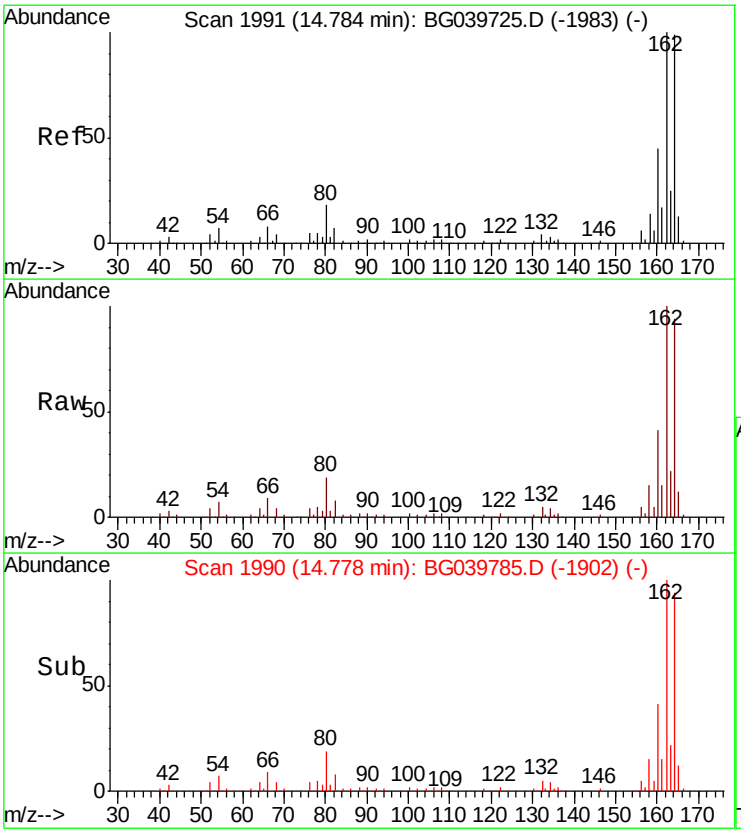
#23
Nitrobenzene-d5
Concen: 100.619 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion: 82 Resp: 340709

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	59.3	50.9	76.3

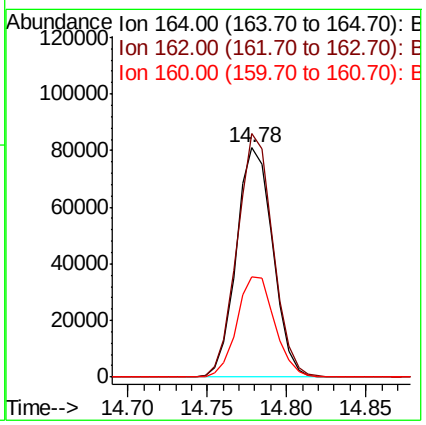


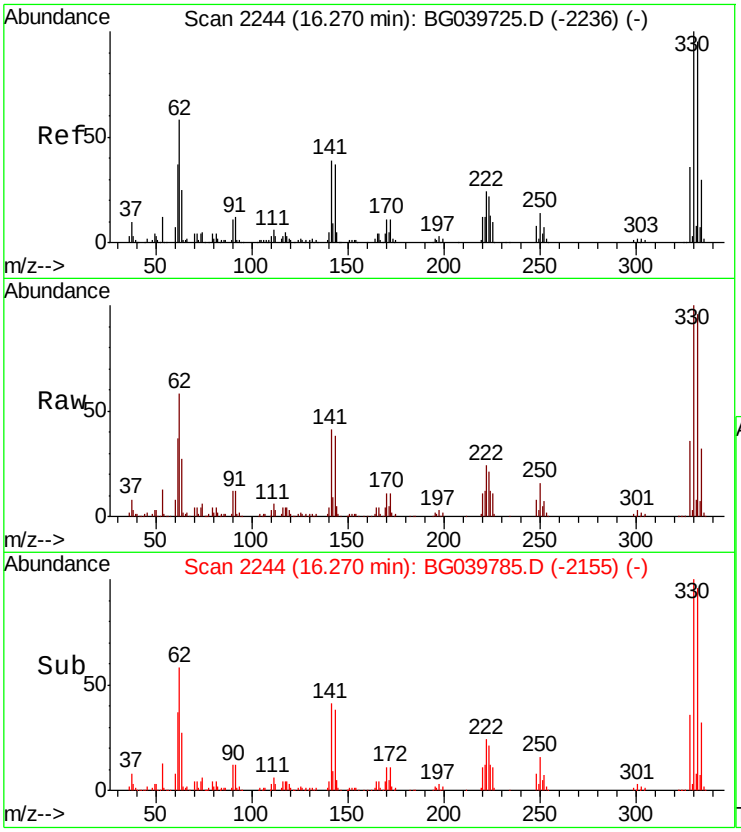


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion:164 Resp: 128727

Ion	Ratio	Lower	Upper
164	100		
162	106.1	81.6	122.4
160	43.6	34.2	51.2



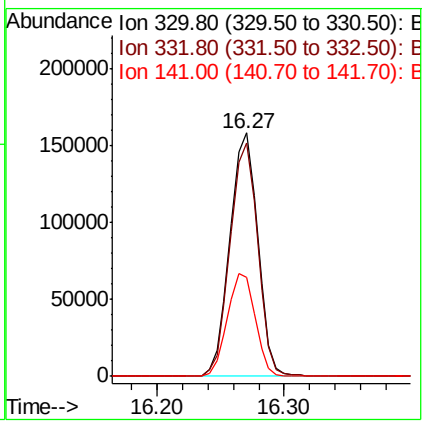


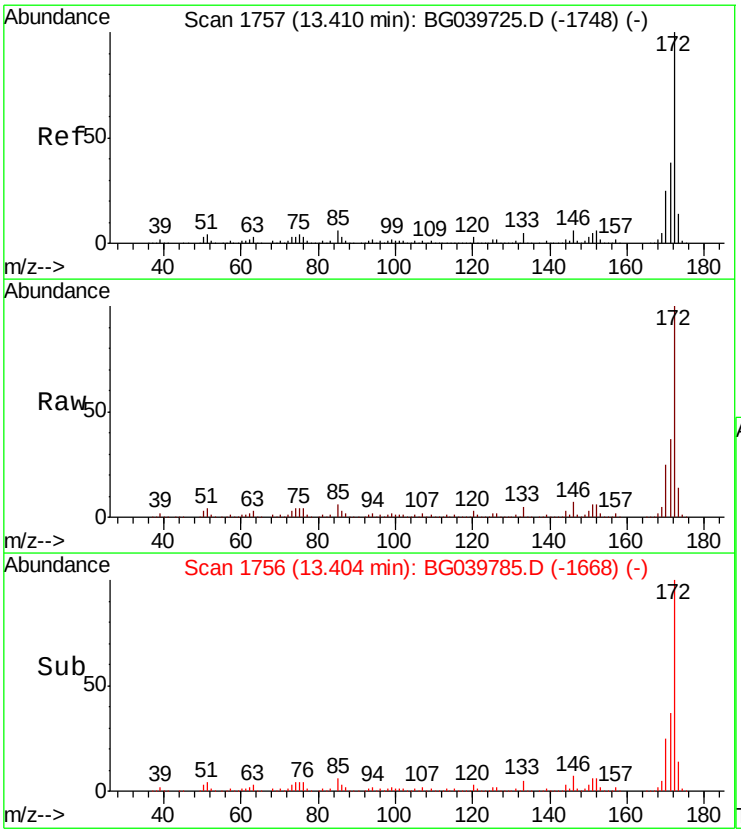
#42
2,4,6-Tribromophenol
Concen: 160.452 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion:330 Resp: 240744

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	42.4	35.6	53.4

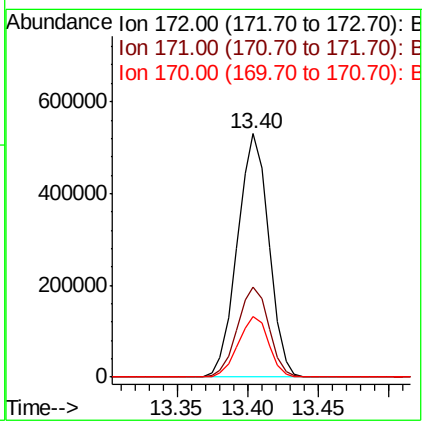


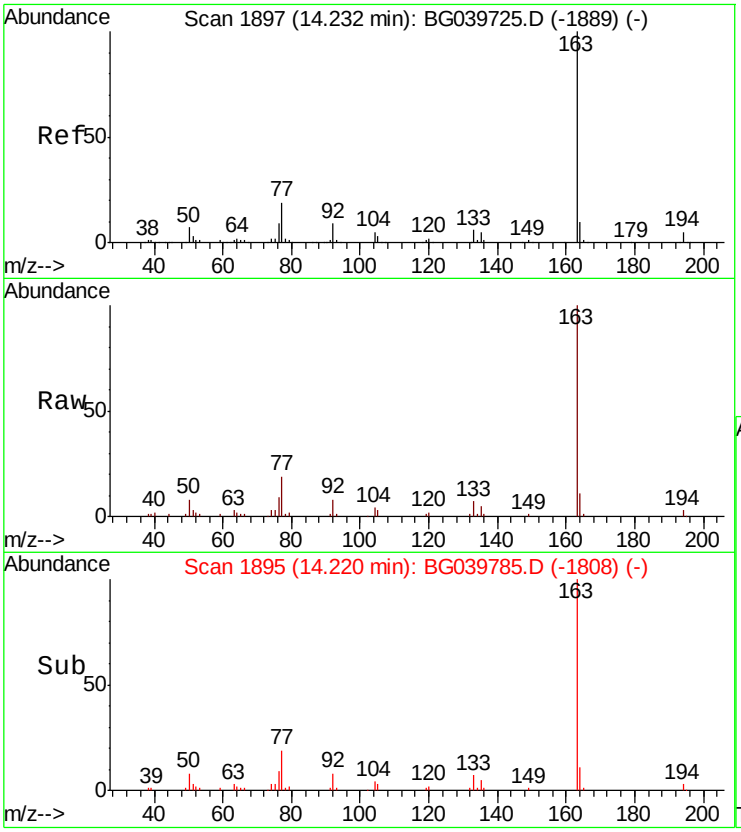


#45
2-Fluorobiphenyl
Concen: 91.277 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion:172 Resp: 825222

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.0	20.2	30.4



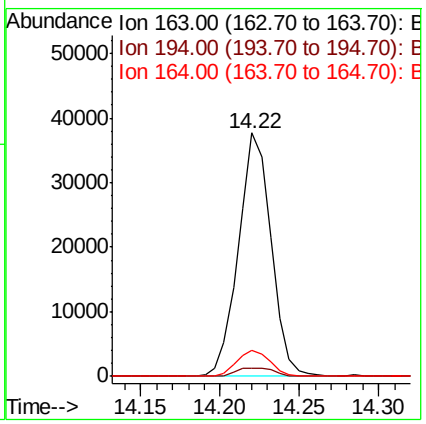


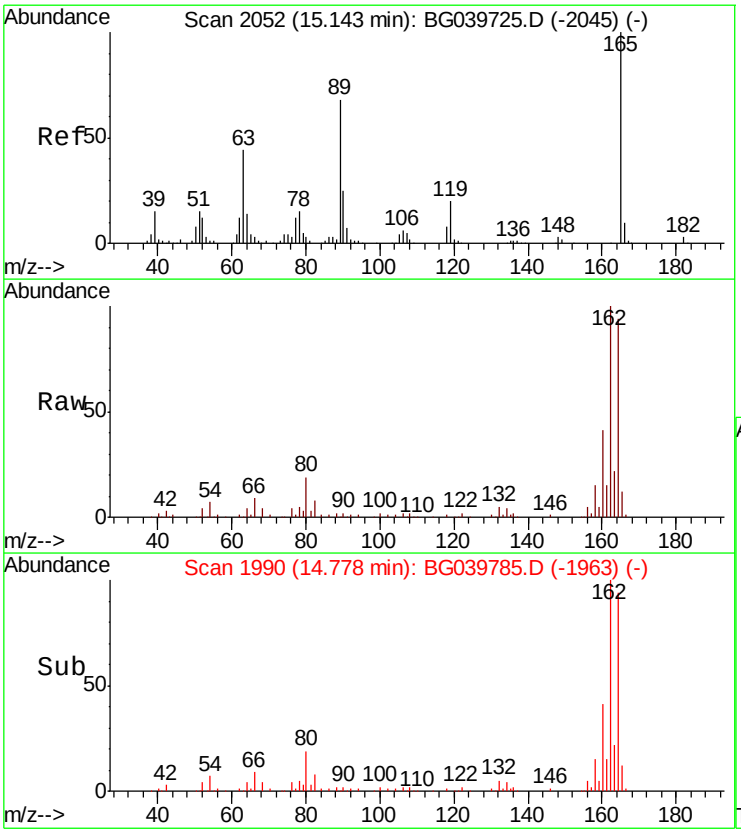
#50
Dimethylphthalate
Concen: 5.014 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion:163 Resp: 53968

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.6	5.4#
164	10.7	8.4	12.6

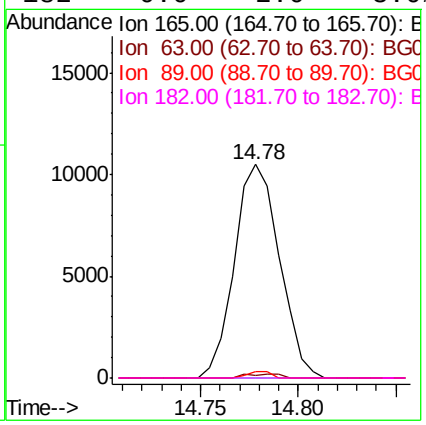


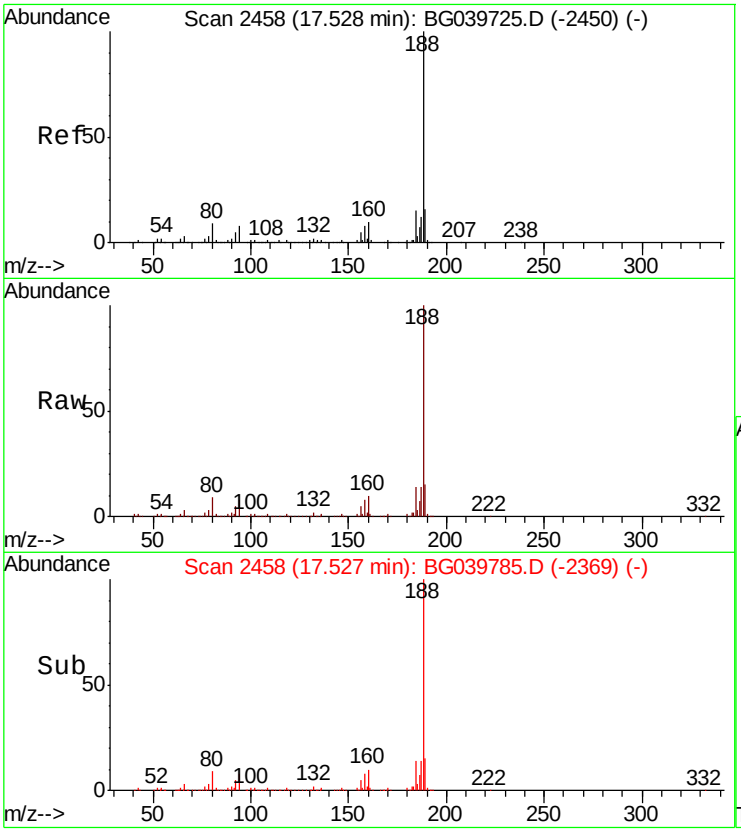


#57
2,4-Dinitrotoluene
Concen: 5.206 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion:165 Resp: 16692

Ion	Ratio	Lower	Upper
165	100		
63	1.5	41.0	61.6#
89	2.8	64.6	96.8#
182	0.0	2.0	3.0#



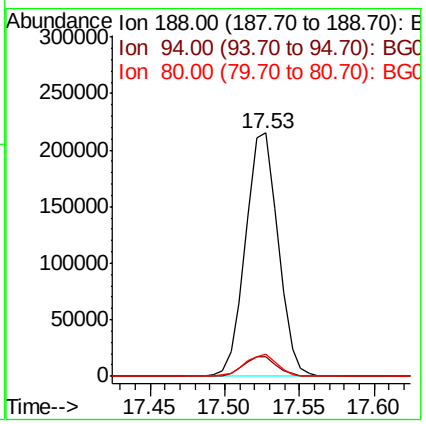


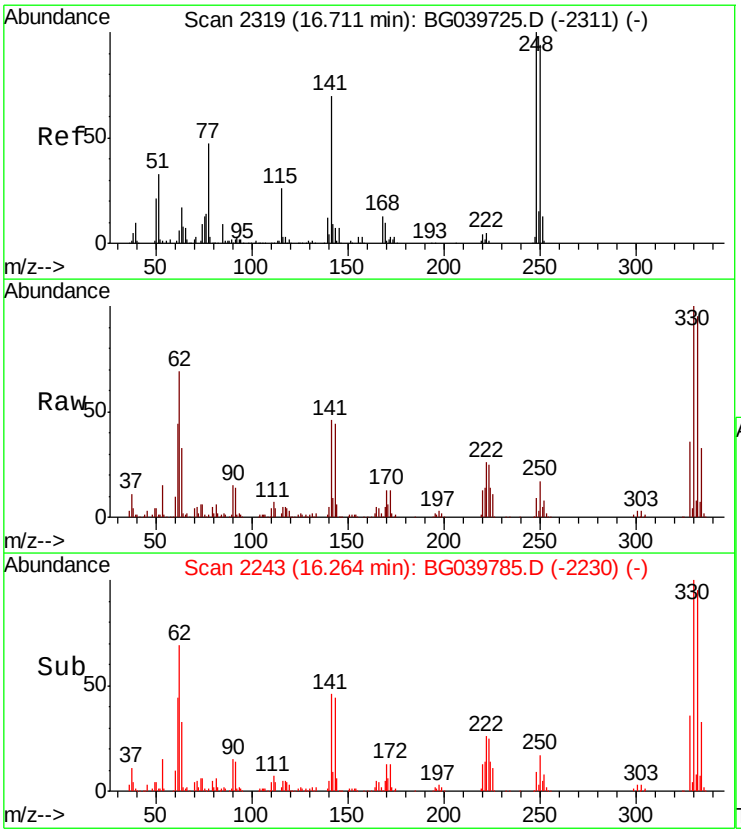
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion:188 Resp: 323480

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.2	8.1	12.1

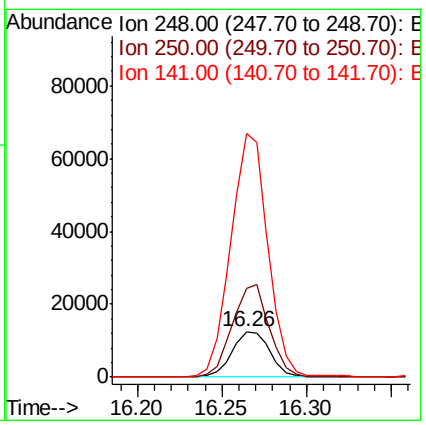


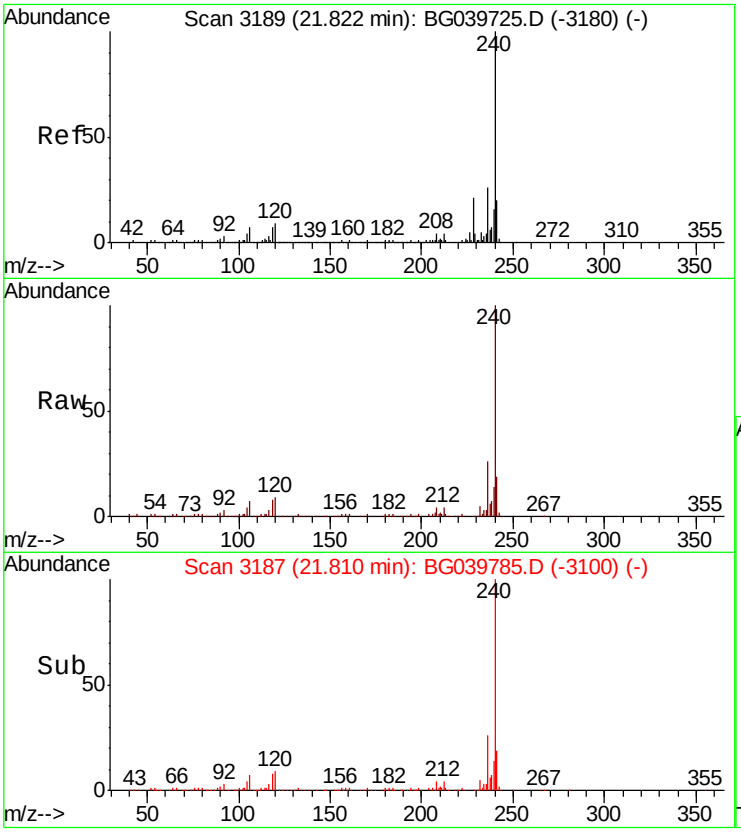


#67
4-Bromophenyl-phenylether
Concen: 5.361 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion:248 Resp: 19410

Ion	Ratio	Lower	Upper
248	100		
250	195.6	77.6	116.4#
141	533.7	63.9	95.9#



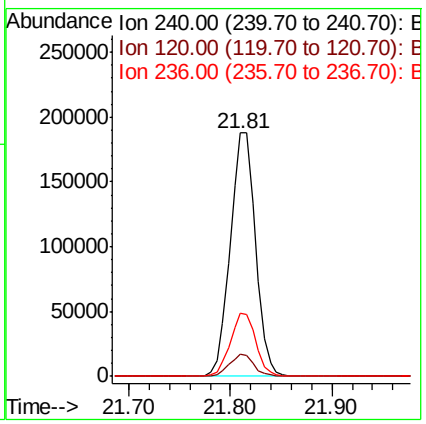


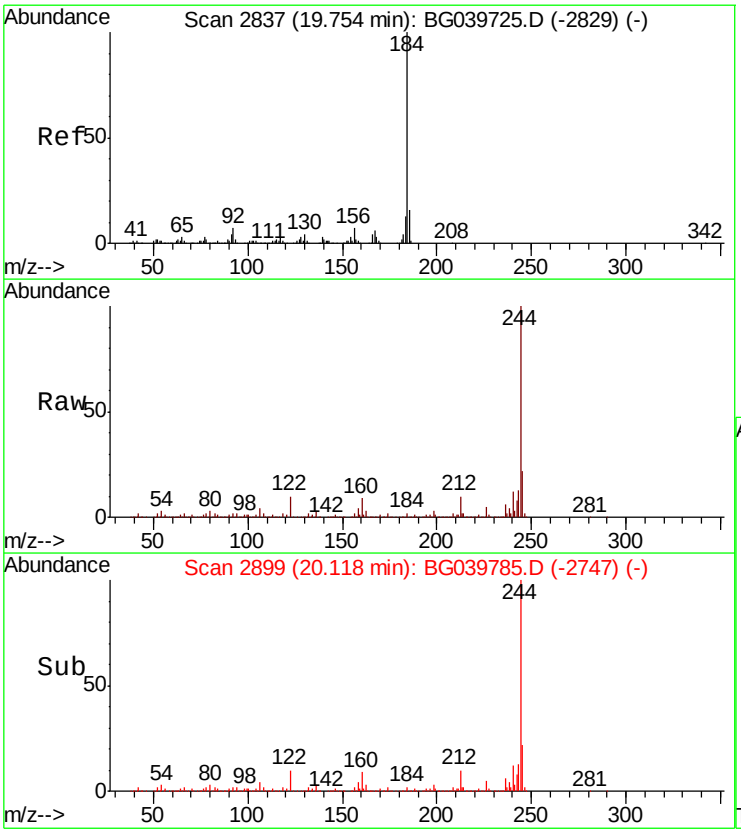
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion:240 Resp: 324875

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	26.0	21.0	31.4

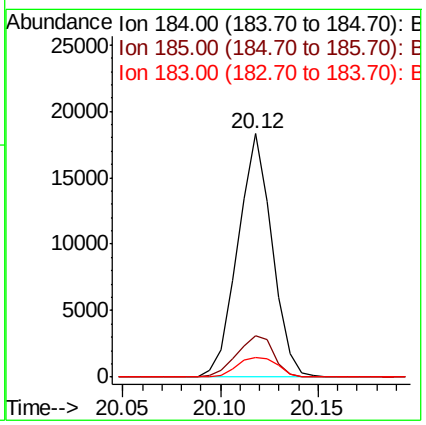


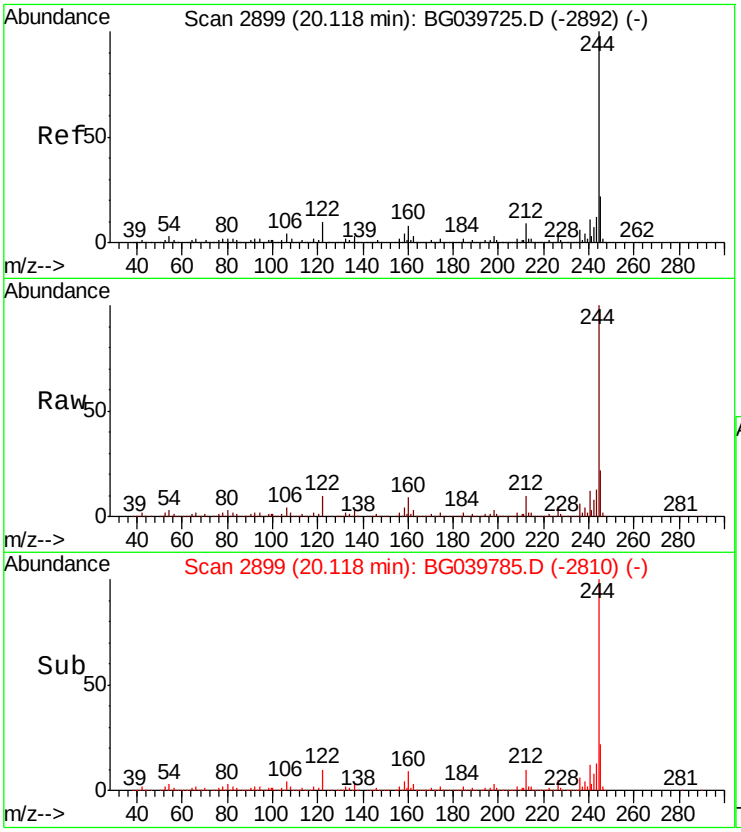


#77
Benzidine
Concen: 2.154 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.36 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion:184 Resp: 22205

Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.2	18.2
183	8.2	10.6	15.8#



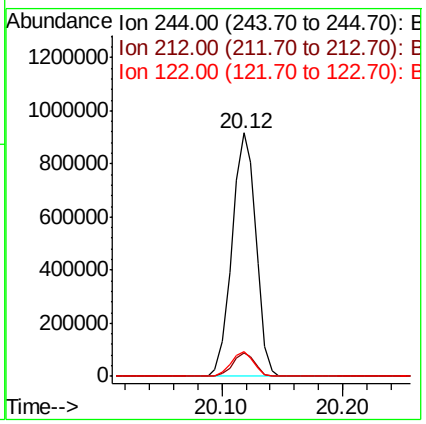


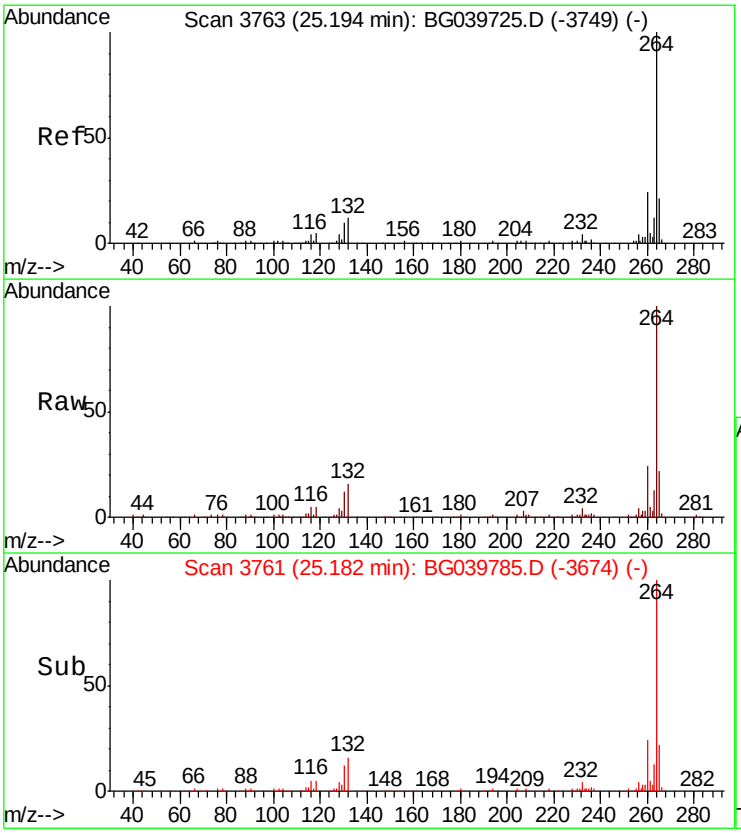
#79
Terphenyl-d14
Concen: 85.547 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719

Tgt Ion:244 Resp: 1262236

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039785.D
Acq: 6 Mar 2019 13:29

Tgt Ion:264 Resp: 321675

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	22.0	18.5	27.7