Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039390.D
Acq On : 7 Feb 2019 20:18
Operator : JU/SJ
Sample : K1392-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Time: Feb 09 00:11:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56118	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	243922	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	159955	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	381621	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	395977	20.00	ng		-0.02
87) Perylene-d12	25.21	264	401974	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	239793	73.13	ng		0.00
7) Phenol-d6	7.31	99	216914	44.94	ng		-0.01
23) Nitrobenzene-d5	9.35	82	463573	118.73	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	291020	168.96	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	1099371	98.60	ng		0.00
79) Terphenyl-d14	20.14	244	1660183	88.74	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.34	94	15074	2.996	ng		91
50) Dimethylphthalate	14.25	163	28102	2.175	ng	#	96

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

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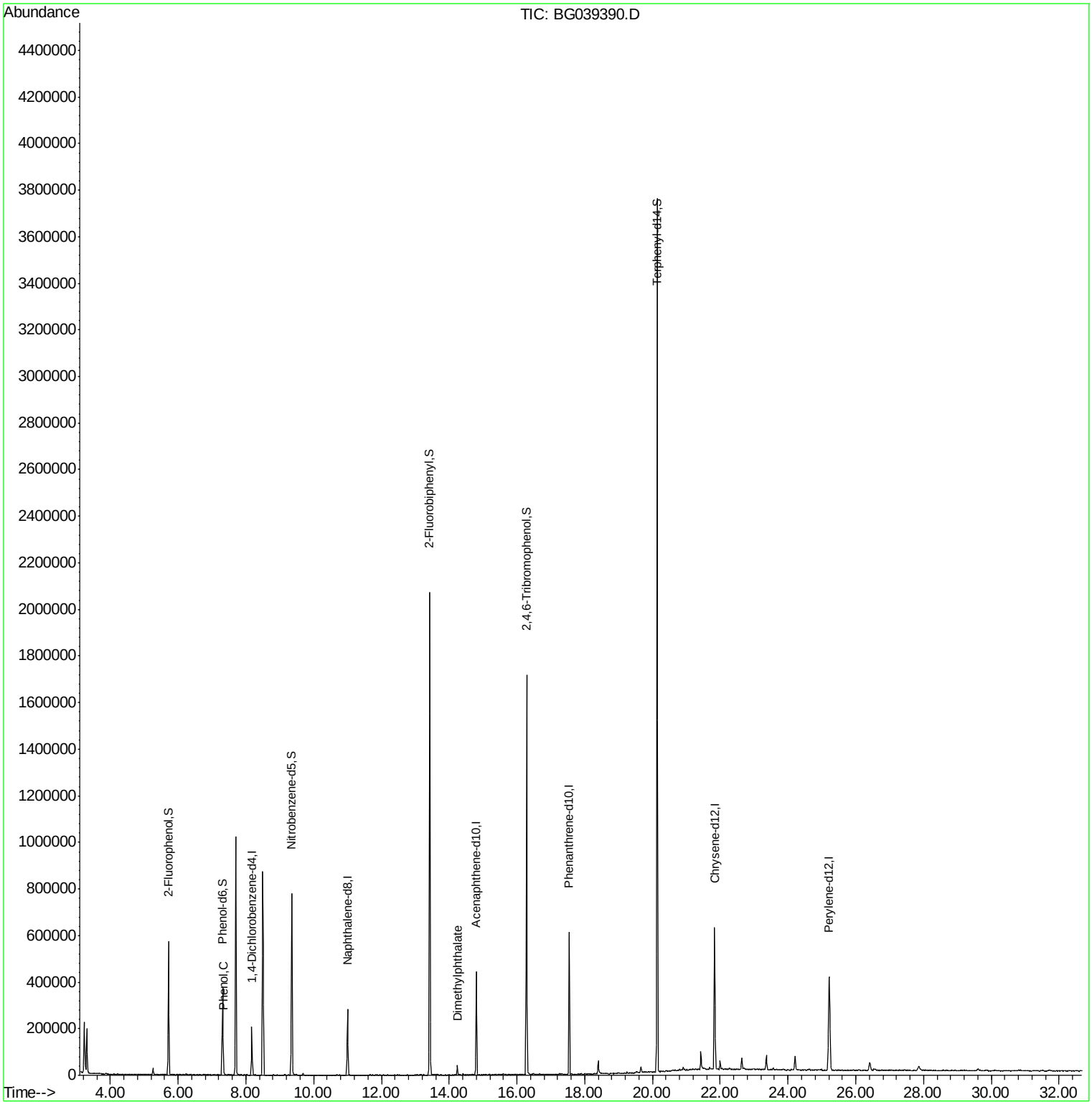
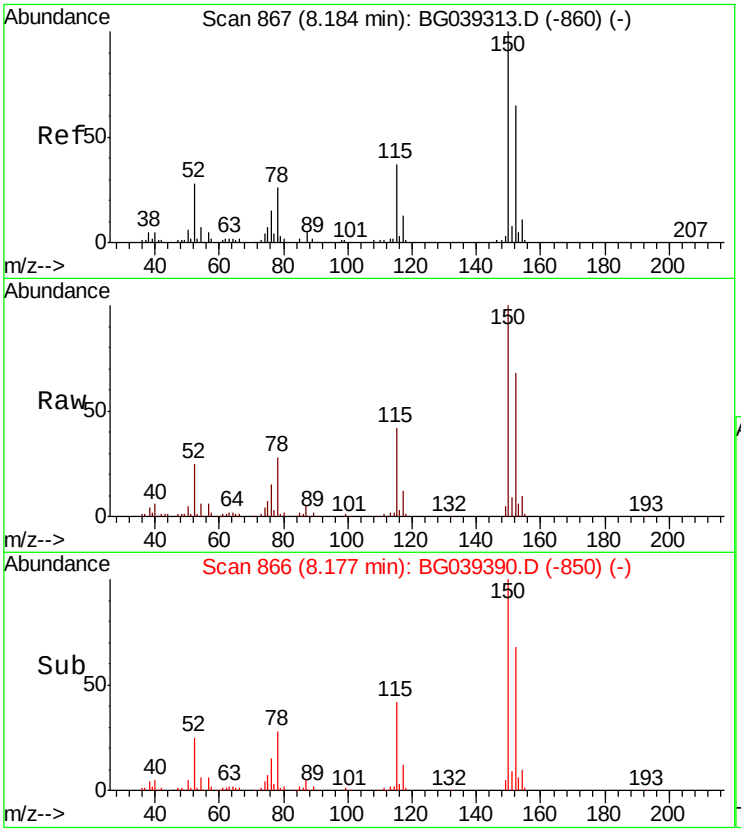


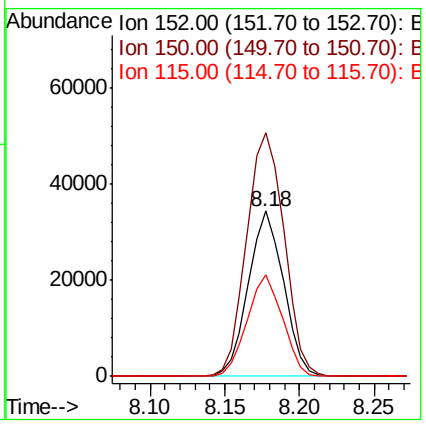


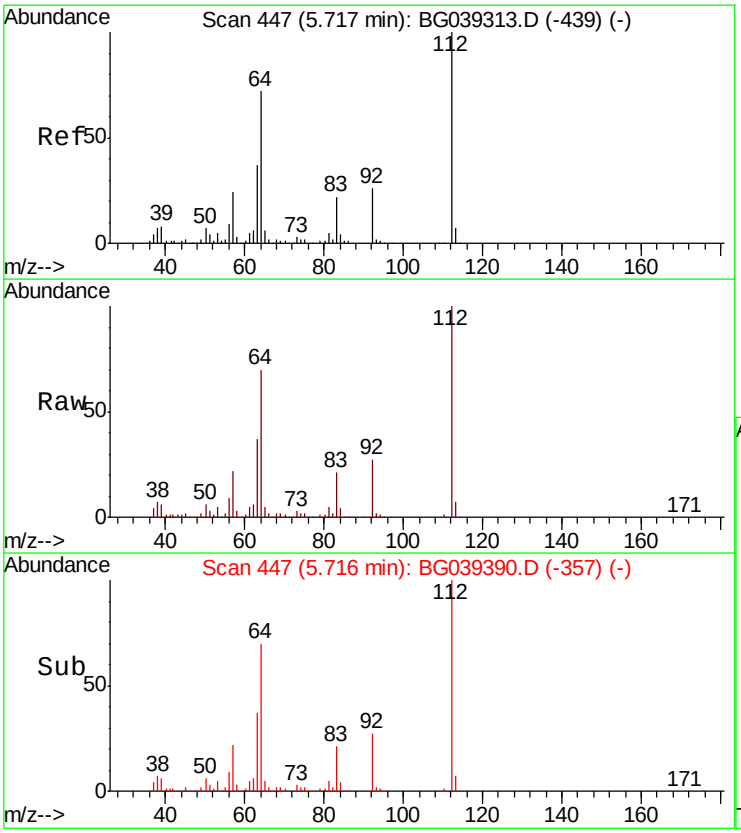
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:152 Resp: 56118

Ion	Ratio	Lower	Upper
152	100		
150	147.3	123.7	185.5
115	61.7	45.9	68.9

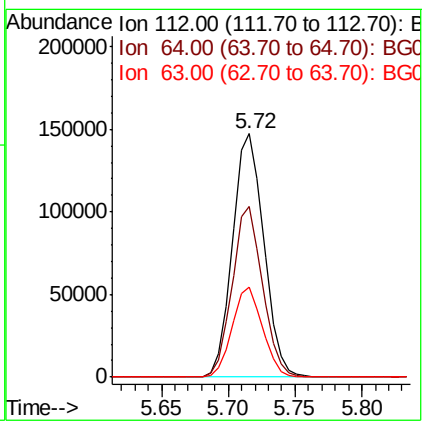


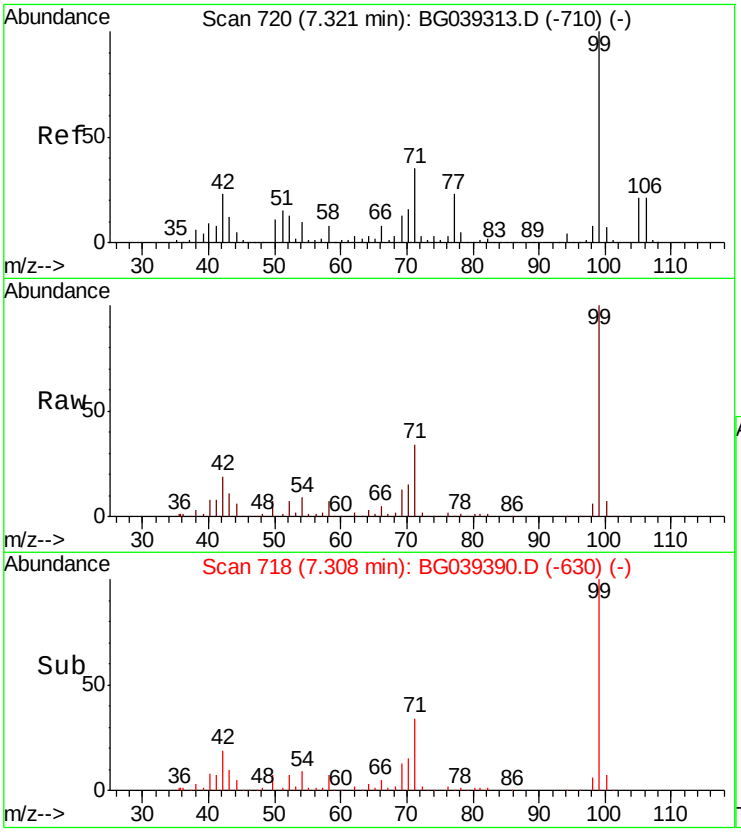


#5
2-Fluorophenol
Concen: 73.133 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Tgt Ion:112 Resp: 239793

Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.8	86.8
63	36.8	29.8	44.6



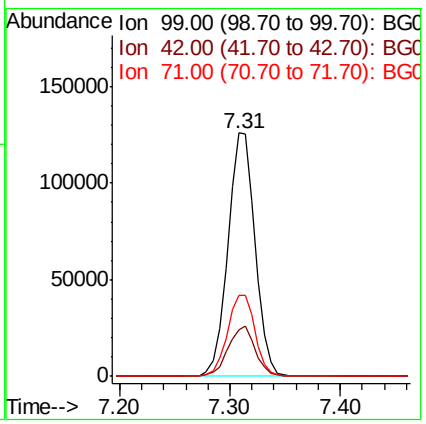


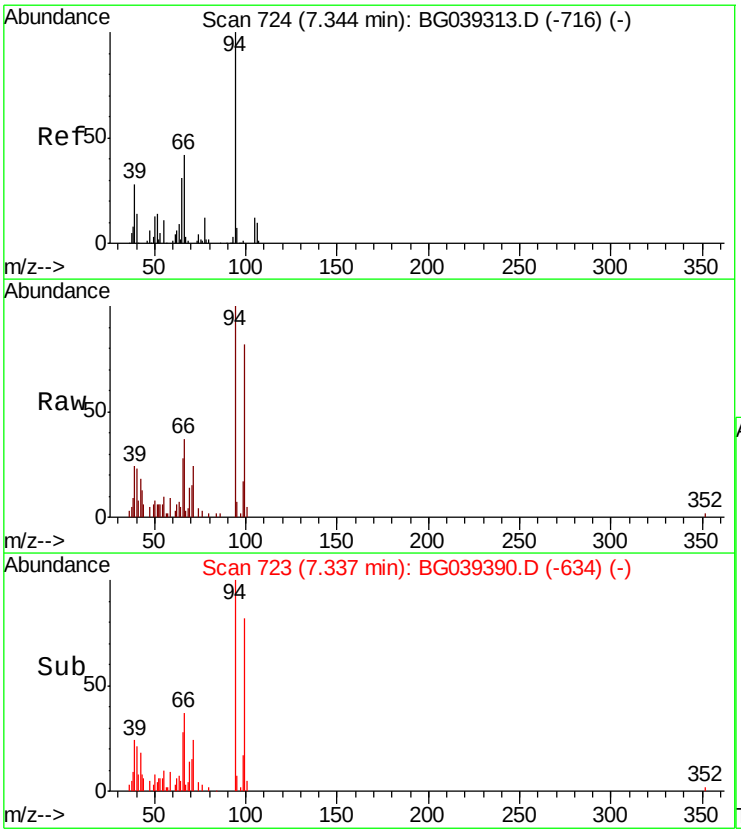
#7
Phenol-d6
Concen: 44.943 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion: 99 Resp: 216914

Ion	Ratio	Lower	Upper
99	100		
42	18.9	18.2	27.2
71	33.5	28.0	42.0

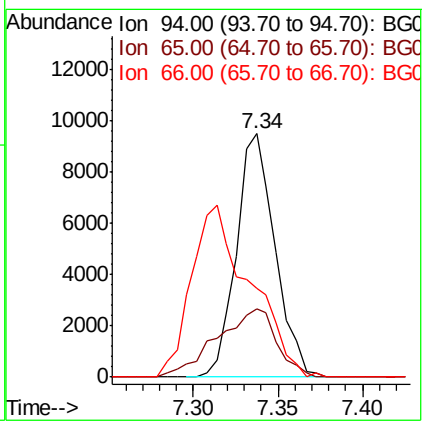


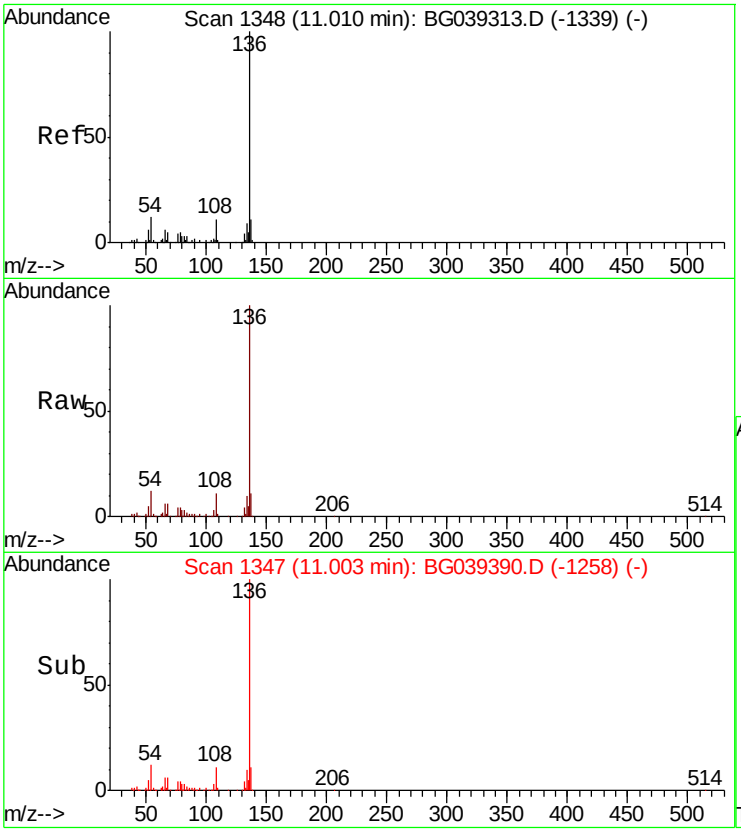


#10
Phenol
Concen: 2.996 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Tgt Ion: 94 Resp: 15074

Ion	Ratio	Lower	Upper
94	100		
65	28.3	11.7	51.7
66	36.5	23.7	63.7



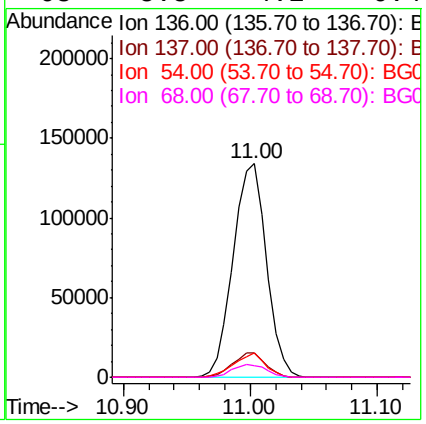


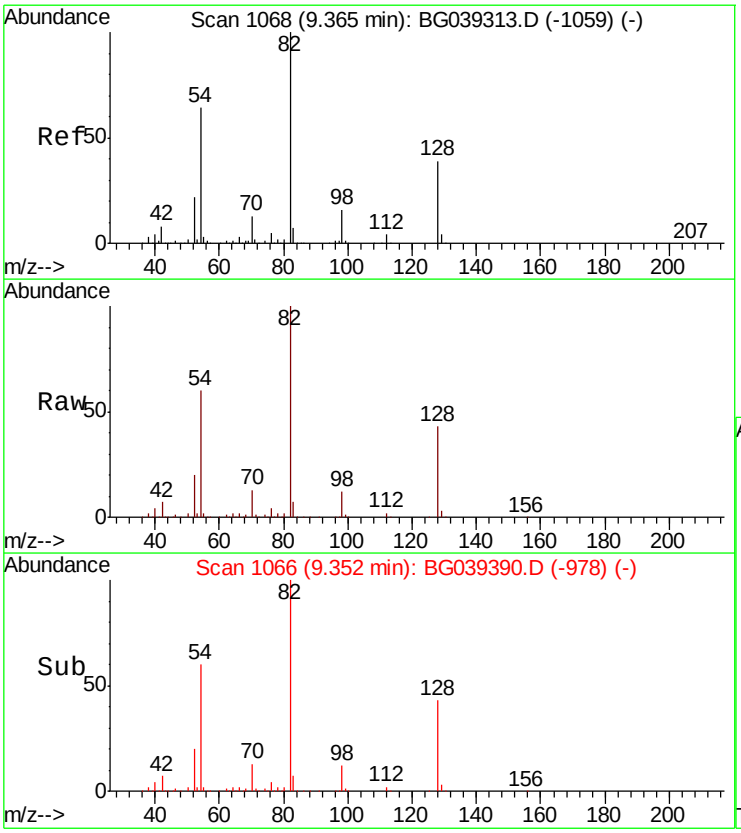
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:136 Resp: 243922

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.7	9.4	14.2
68	5.5	4.2	6.4

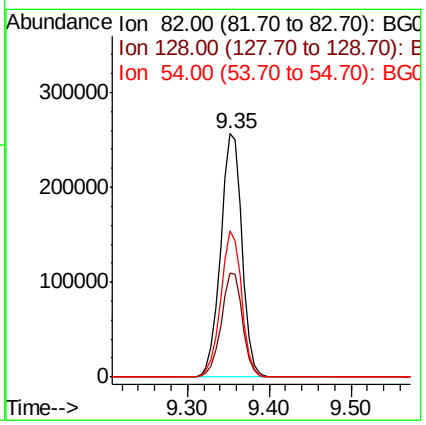


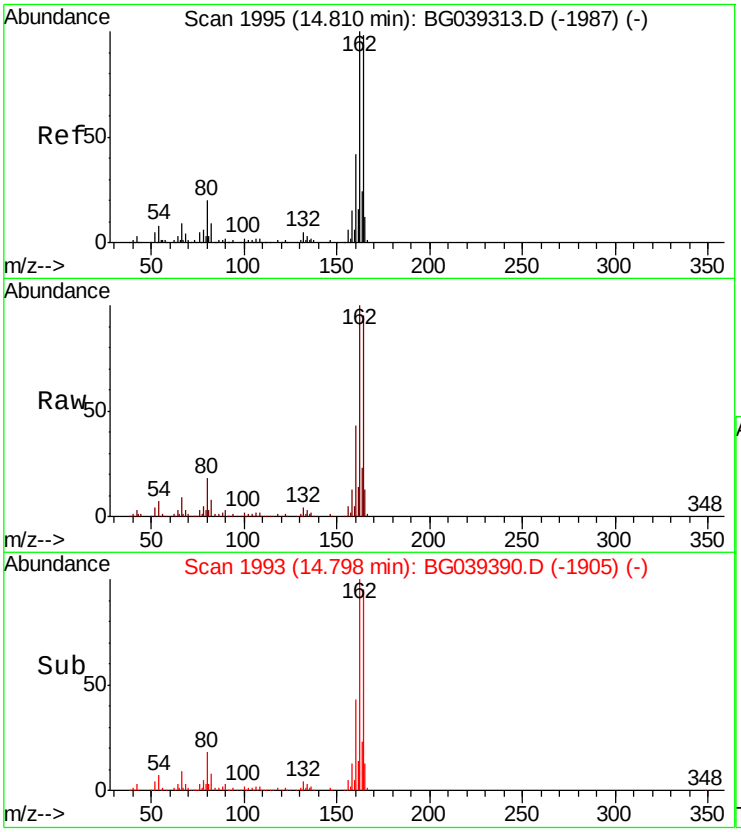


#23
Nitrobenzene-d5
Concen: 118.727 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Tgt Ion: 82 Resp: 463573

Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	60.2	50.9	76.3



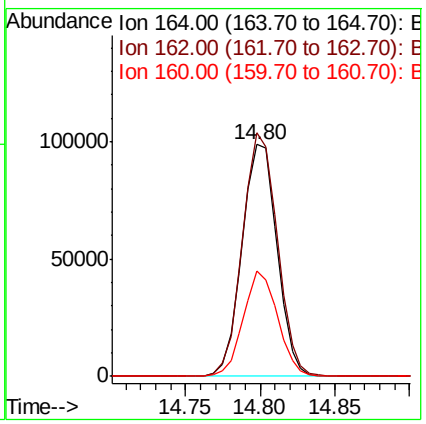


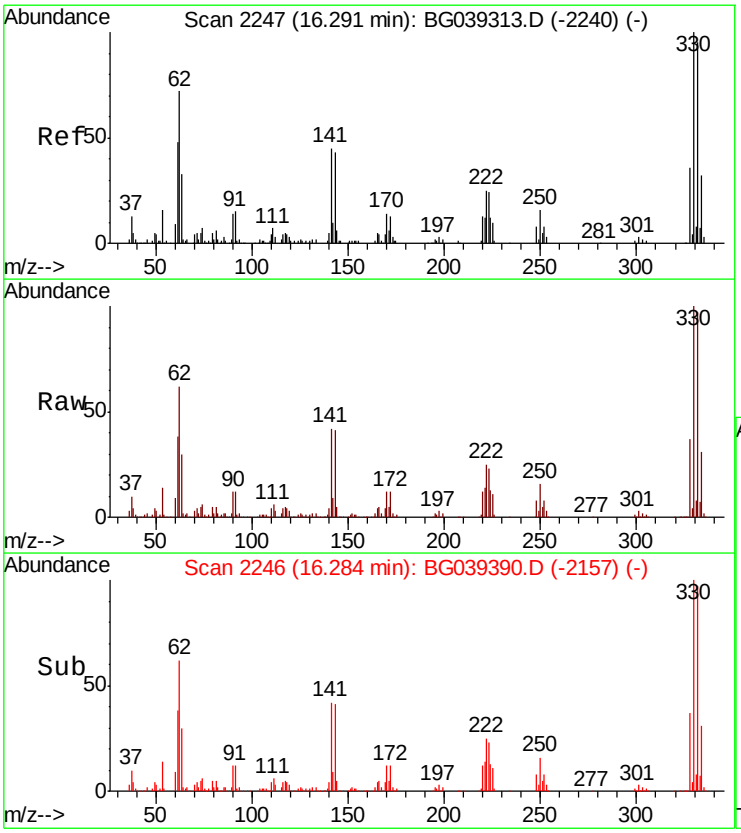
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:164 Resp: 159955

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.6	122.4
160	45.3	34.2	51.2

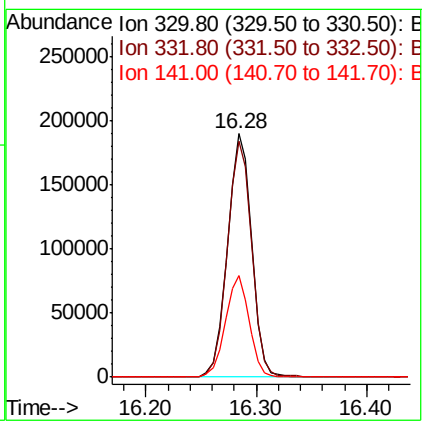


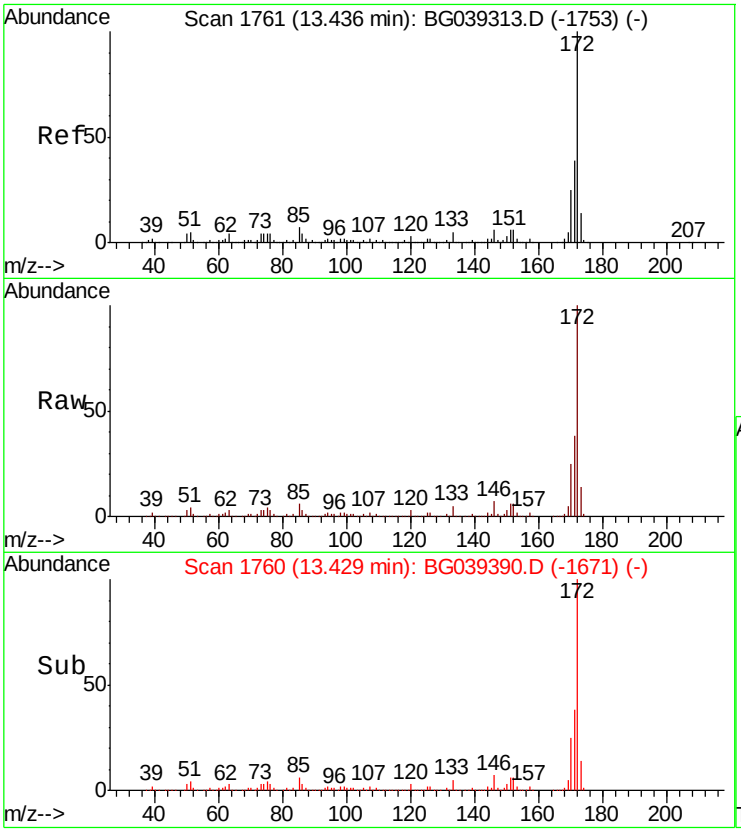


#42
2,4,6-Tribromophenol
Concen: 168.958 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Tgt Ion:330 Resp: 291020

Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.7	113.5
141	41.1	35.6	53.4



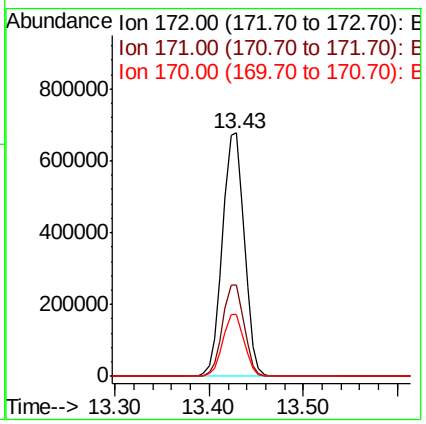


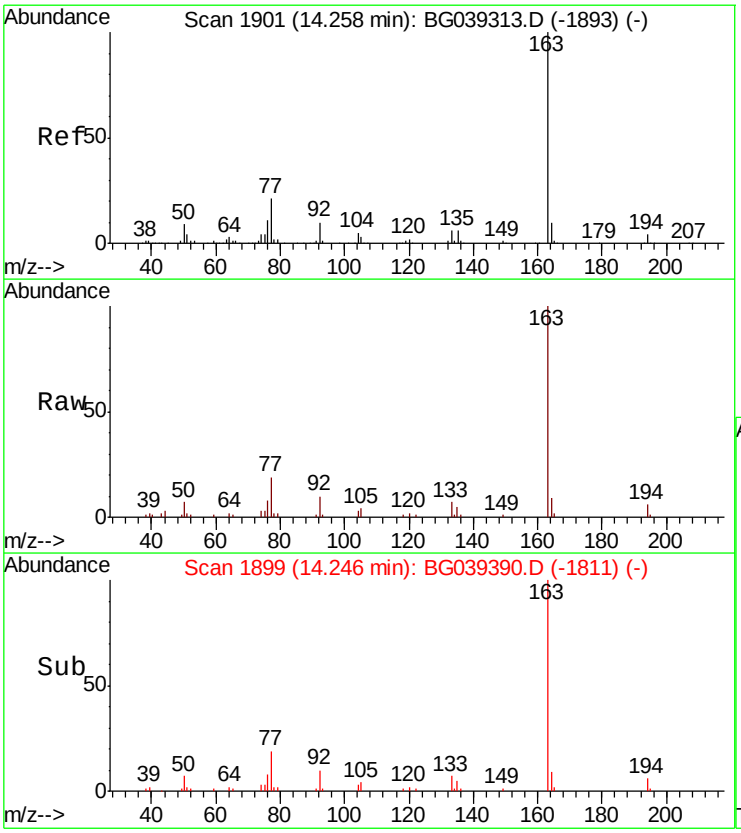
#45
2-Fluorobiphenyl
Concen: 98.597 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:172 Resp: 1099371

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.3	20.2	30.4

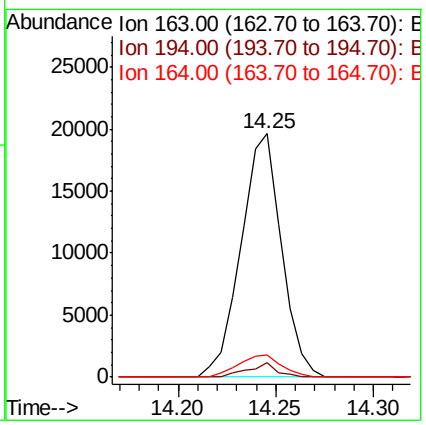


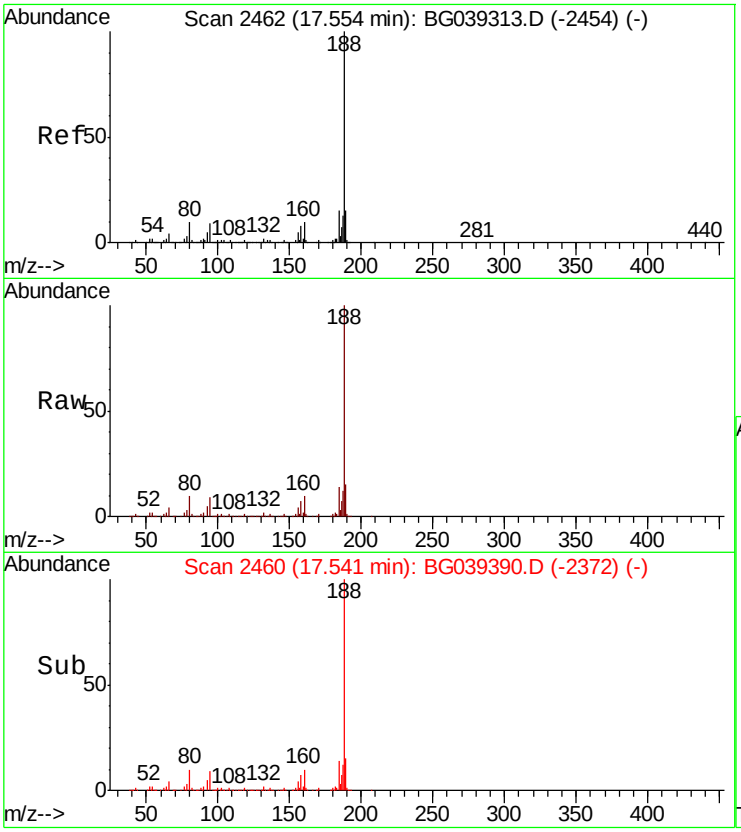


#50
Dimethylphthalate
Concen: 2.175 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Tgt Ion:163 Resp: 28102

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.6	5.4#
164	8.9	8.4	12.6



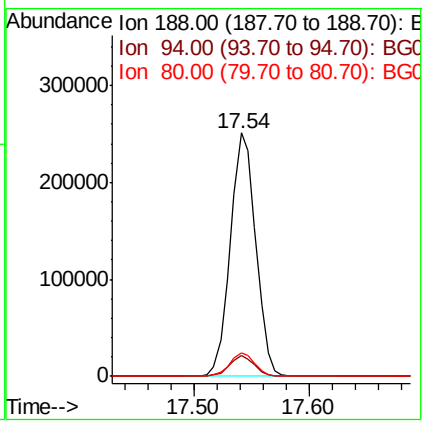


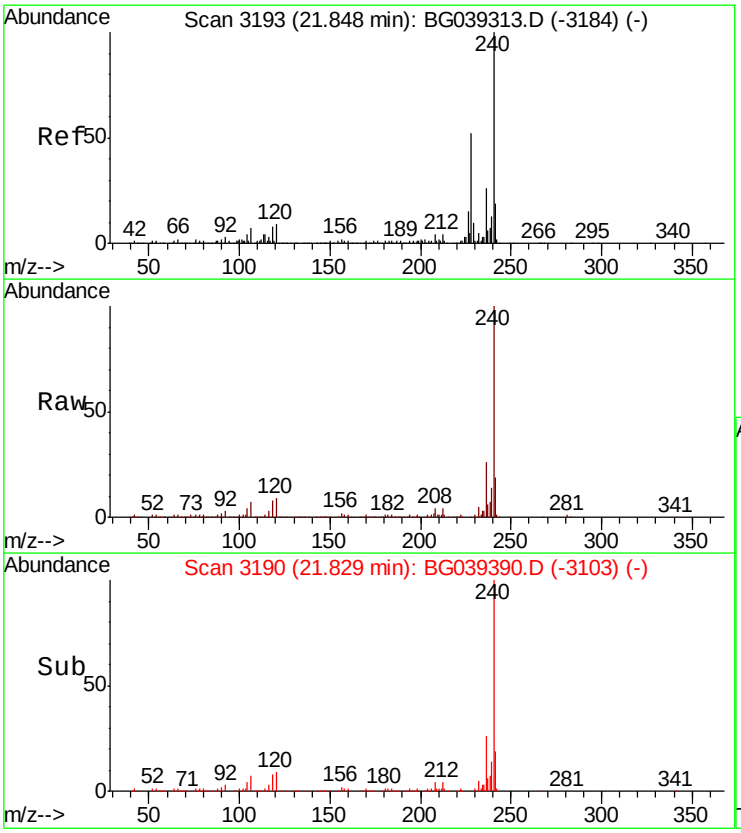
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:188 Resp: 381621

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	9.7	8.1	12.1

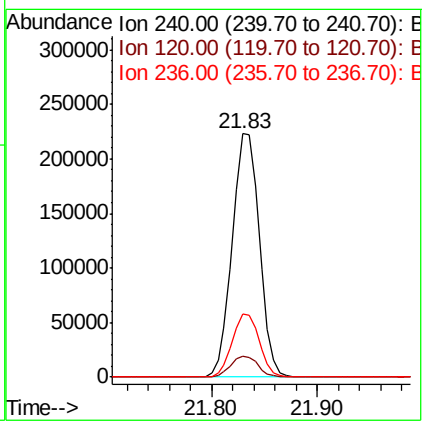


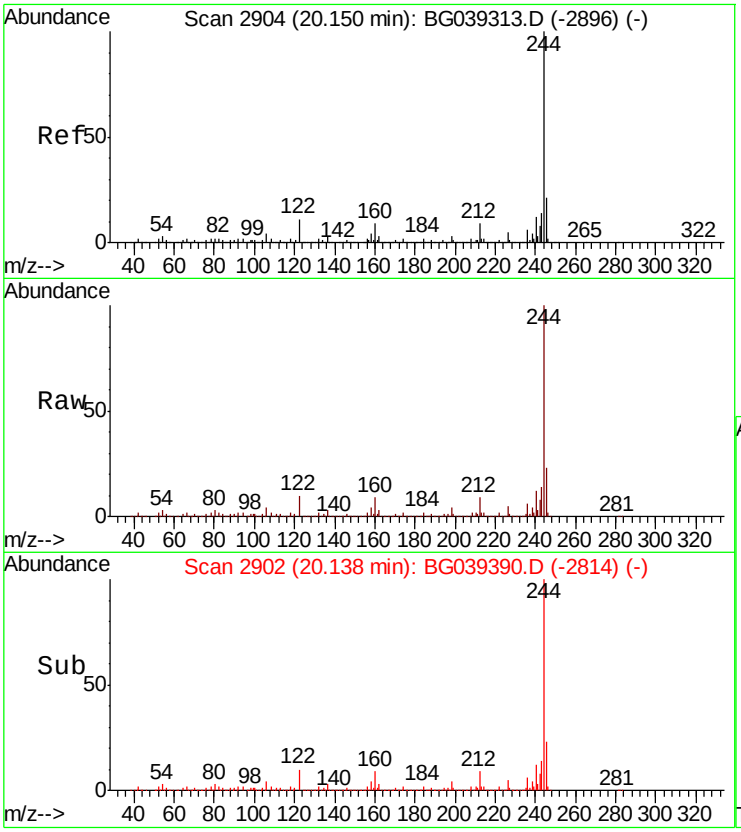


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Tgt Ion:240 Resp: 395977

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.0	21.0	31.4



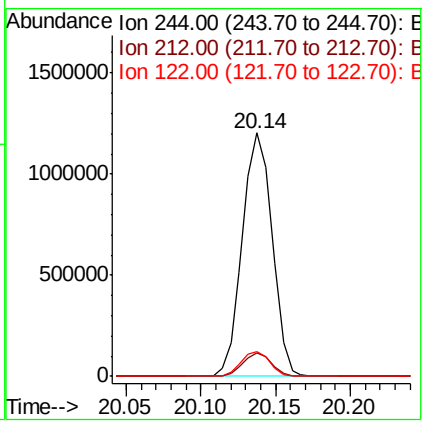


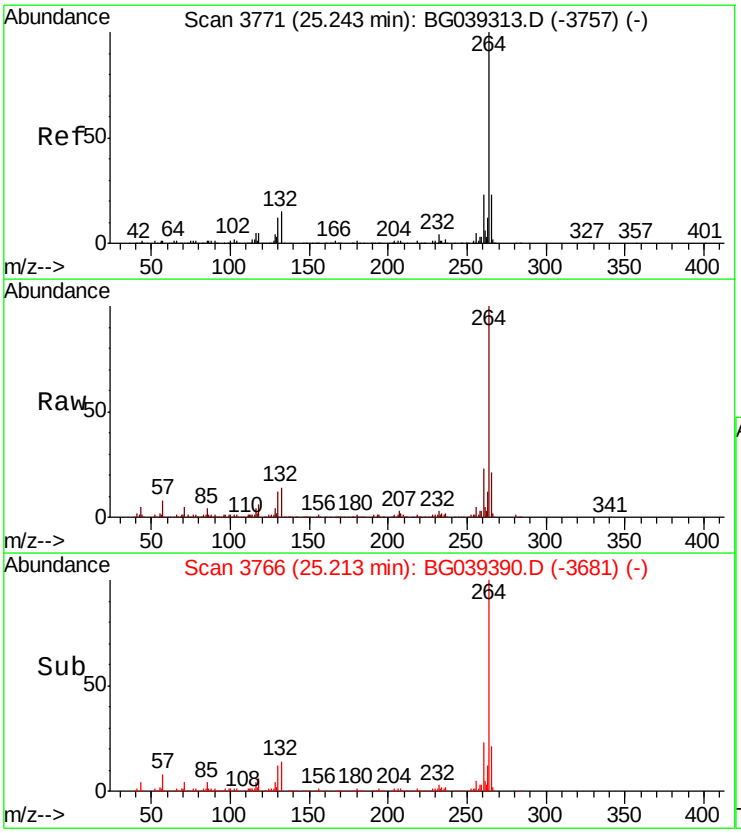
#79
Terphenyl-d14
Concen: 88.745 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:244 Resp: 1660183

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039390.D
Acq: 7 Feb 2019 20:18

Tgt Ion:264 Resp: 401974

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.8	18.5	27.7