Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039777.D
Acq On : 5 Mar 2019 23:24
Operator : JU/SJ
Sample : K1704-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 06 01:15:12 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	41862	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	179362	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	128668	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	319716	20.00	ng	0.00
76) Chrysene-d12	21.82	240	317801	20.00	ng	-0.01
87) Perylene-d12	25.19	264	322451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	389367	158.68	ng	0.00
7) Phenol-d6	7.31	99	584413	159.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	341866	103.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	242699	161.83	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	817278	90.44	ng	0.00
79) Terphenyl-d14	20.12	244	1247568	86.43	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.33	94	11647	2.938	ng	81
50) Dimethylphthalate	14.23	163	54670	5.081	ng	96

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

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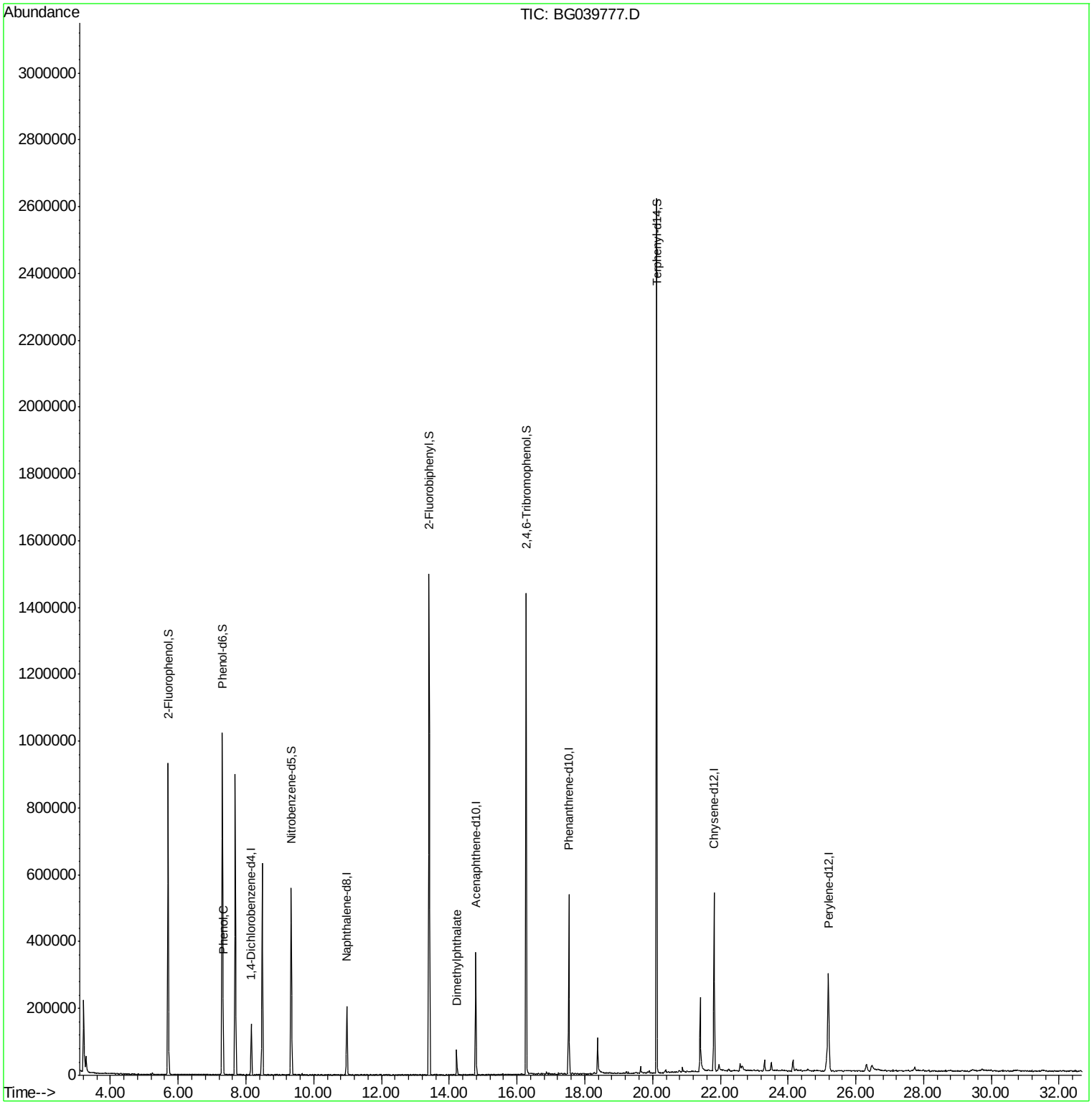
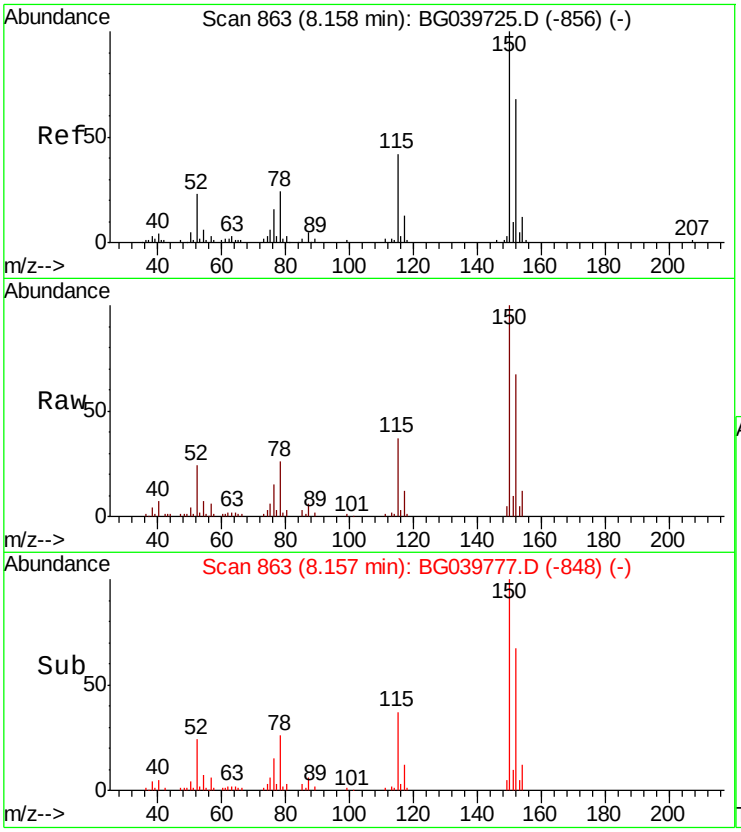


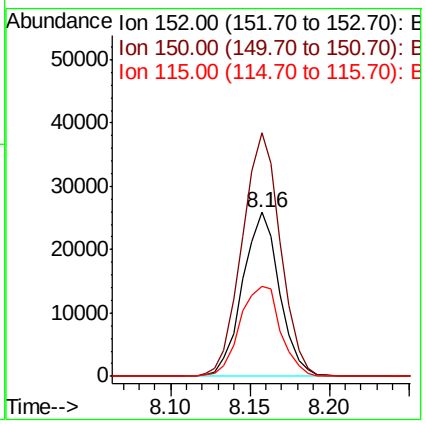


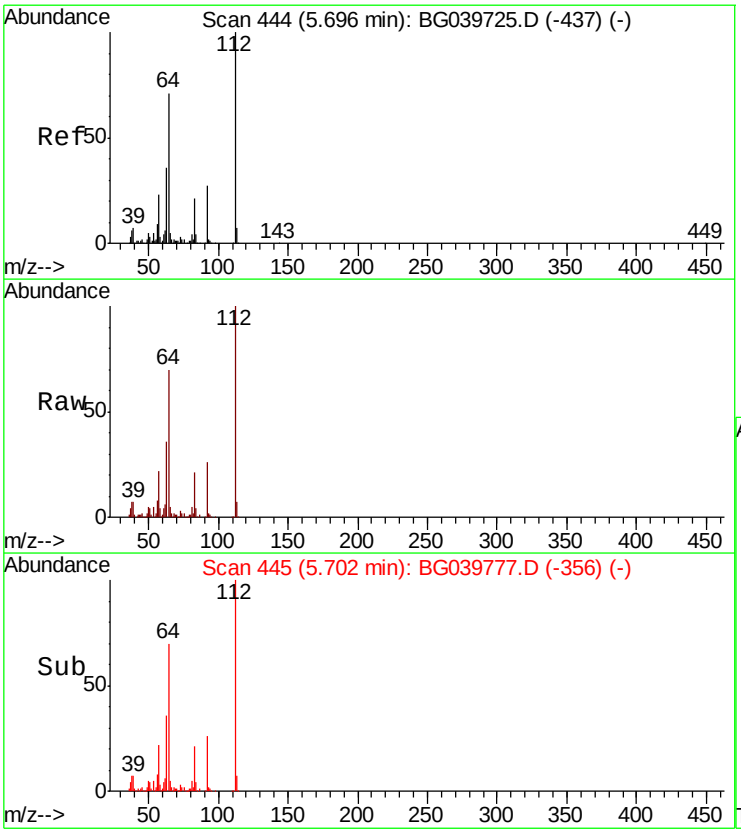
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

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

Tgt Ion:152 Resp: 41862

Ion	Ratio	Lower	Upper
152	100		
150	148.3	123.7	185.5
115	54.6	45.9	68.9

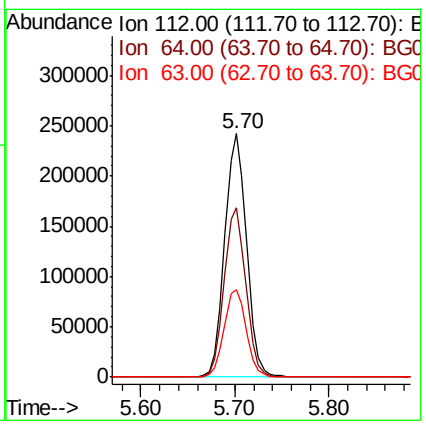


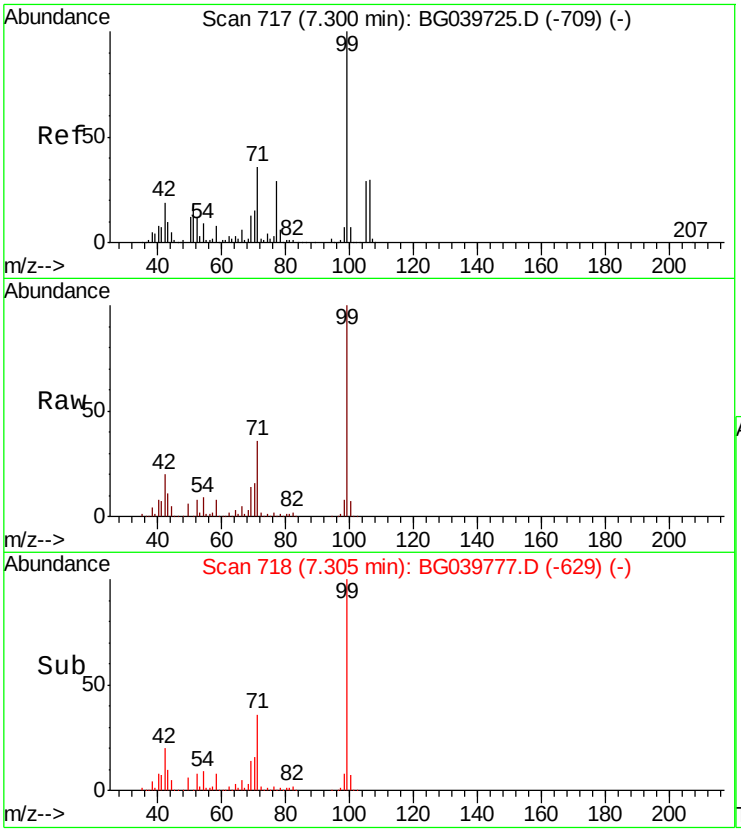


#5
2-Fluorophenol
Concen: 158.679 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion:112 Resp: 389367

Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.8	86.8
63	35.8	29.8	44.6



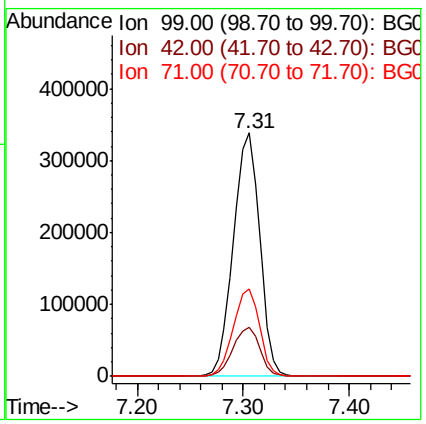


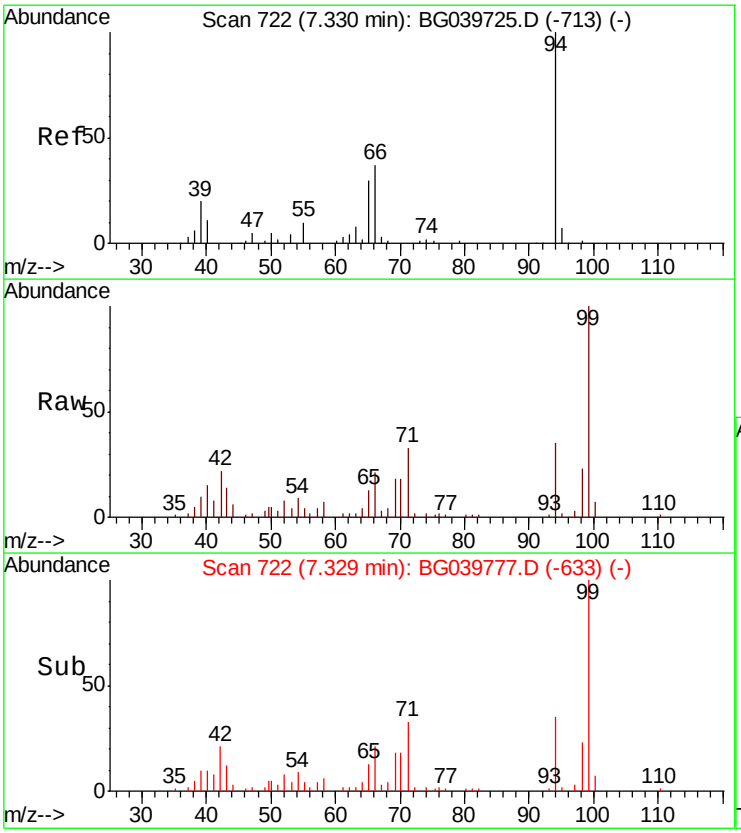
#7
Phenol-d6
Concen: 159.730 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

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

Tgt Ion: 99 Resp: 584413

Ion	Ratio	Lower	Upper
99	100		
42	20.0	18.2	27.2
71	36.2	28.0	42.0

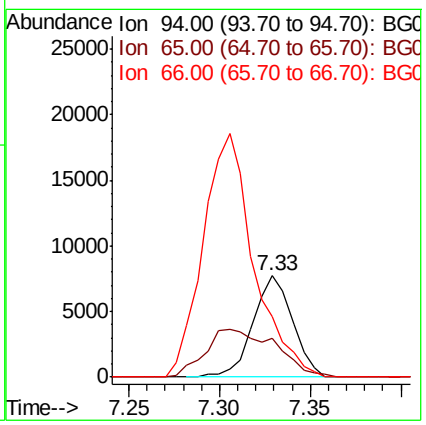


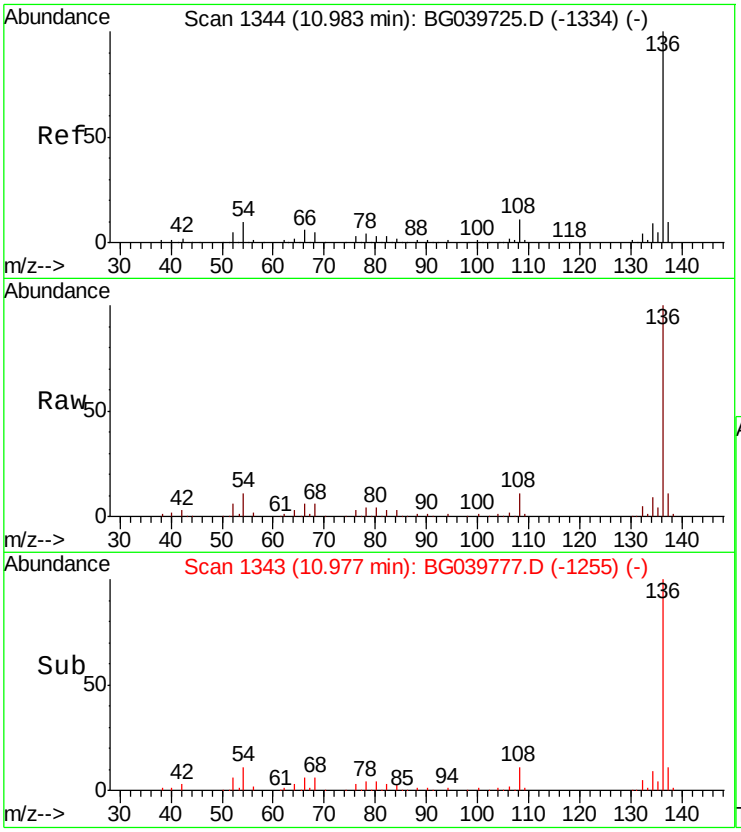


#10
Phenol
Concen: 2.938 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion: 94 Resp: 11647

Ion	Ratio	Lower	Upper
94	100		
65	38.3	11.7	51.7
66	59.8	23.7	63.7



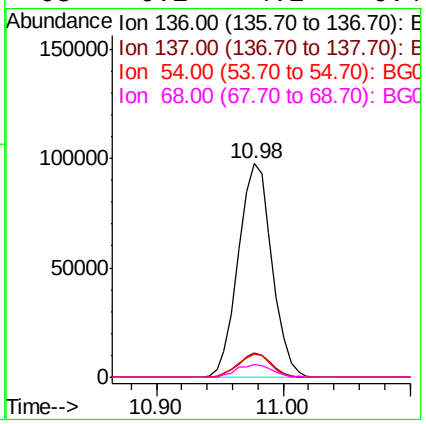


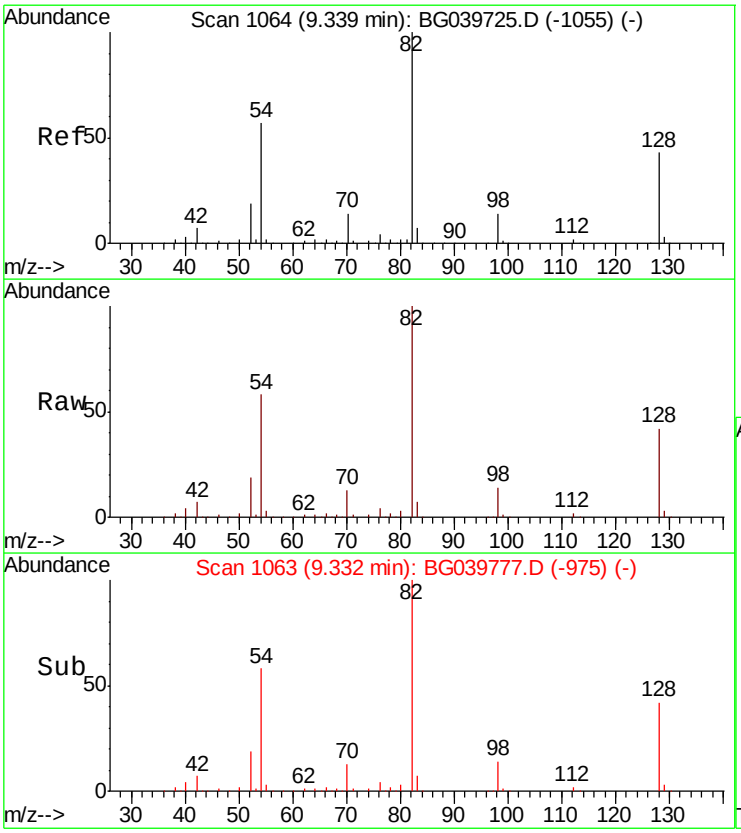
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

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

Tgt Ion:136 Resp: 179362

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.8	9.4	14.2
68	6.2	4.2	6.4

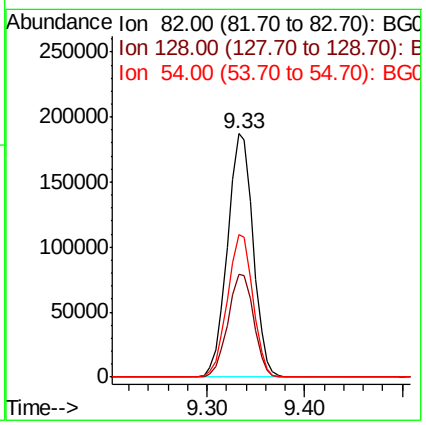


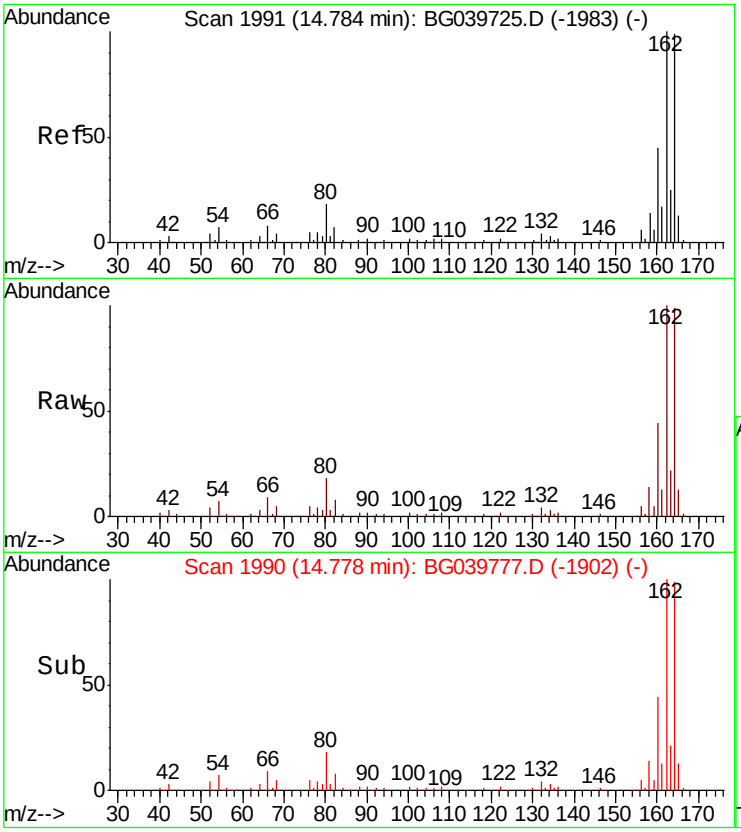


#23
Nitrobenzene-d5
Concen: 103.085 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion: 82 Resp: 341866

Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	58.3	50.9	76.3



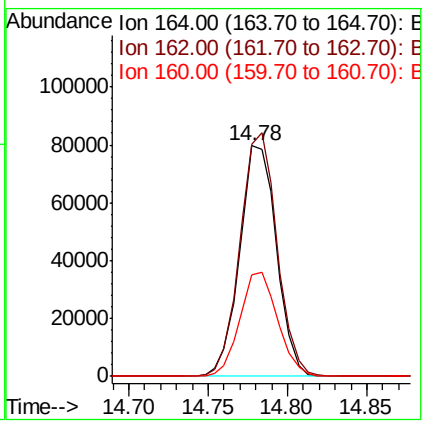


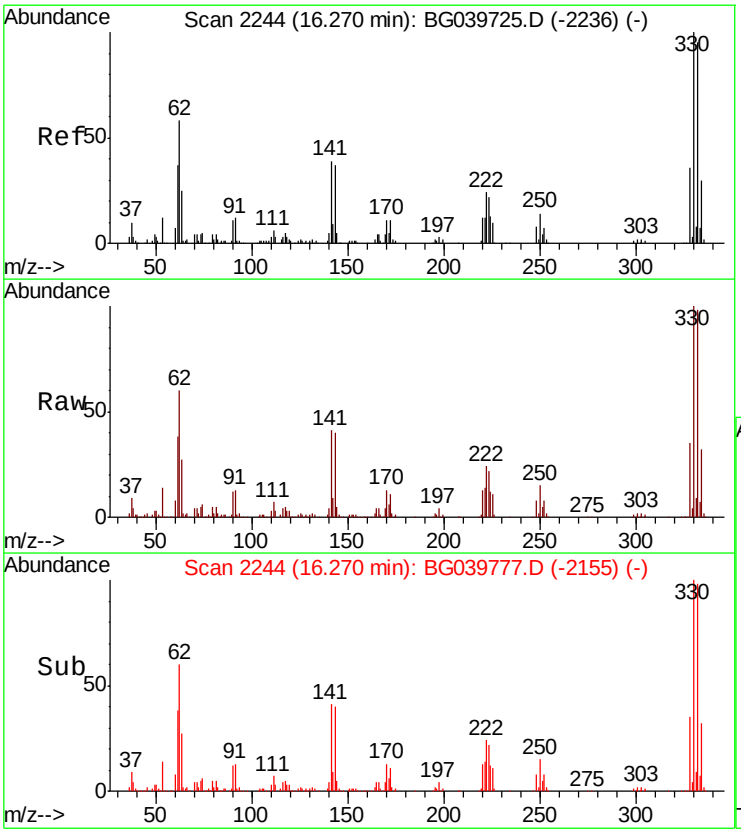
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

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

Tgt Ion:164 Resp: 128668

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.6	122.4
160	44.0	34.2	51.2

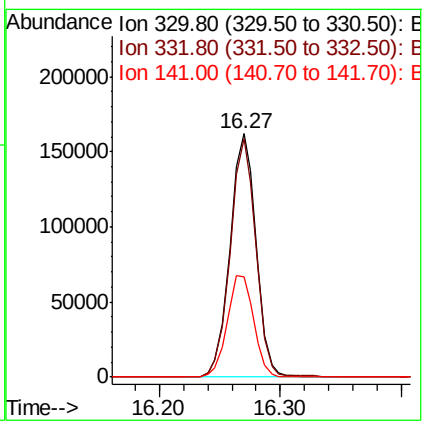


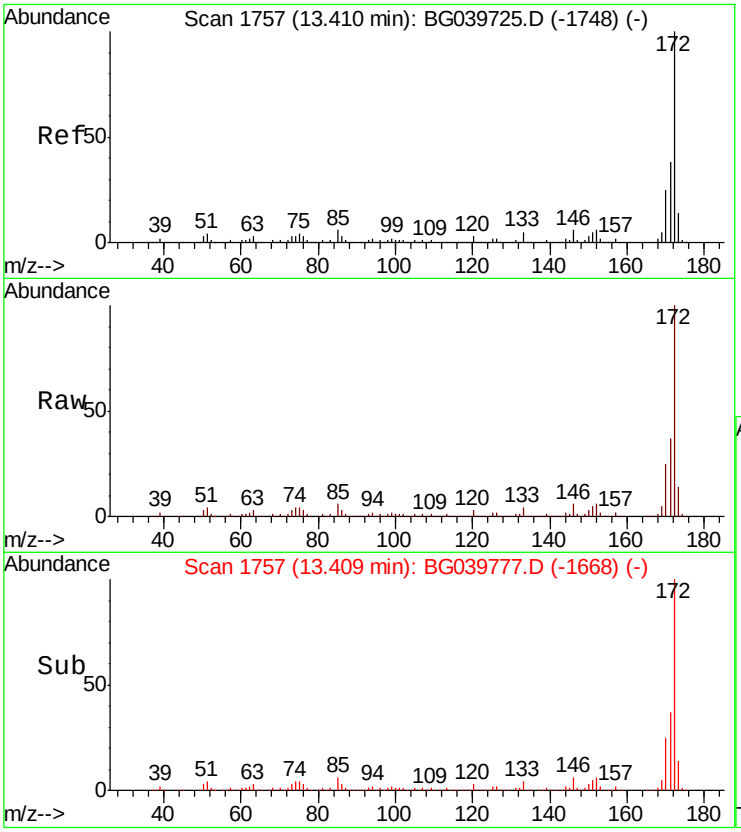


#42
2,4,6-Tribromophenol
Concen: 161.829 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion:330 Resp: 242699

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	42.6	35.6	53.4



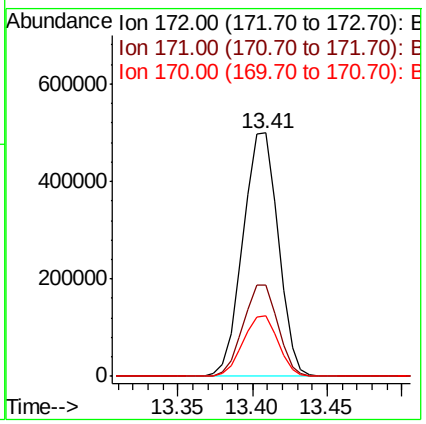


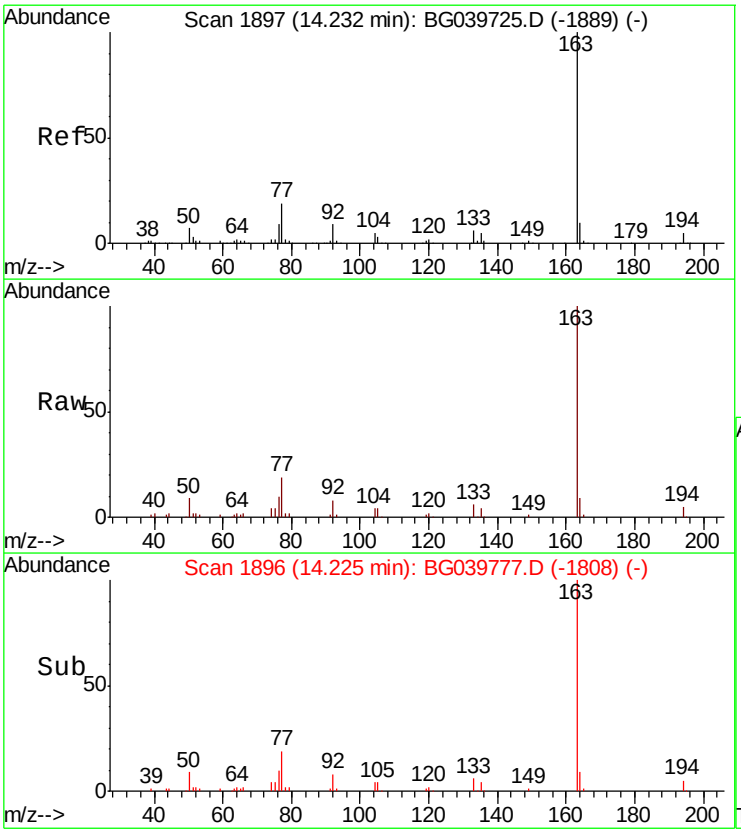
#45
2-Fluorobiphenyl
Concen: 90.439 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

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

Tgt Ion:172 Resp: 817278

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	24.6	20.2	30.4

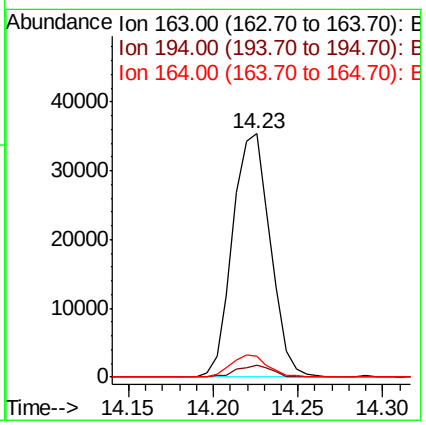


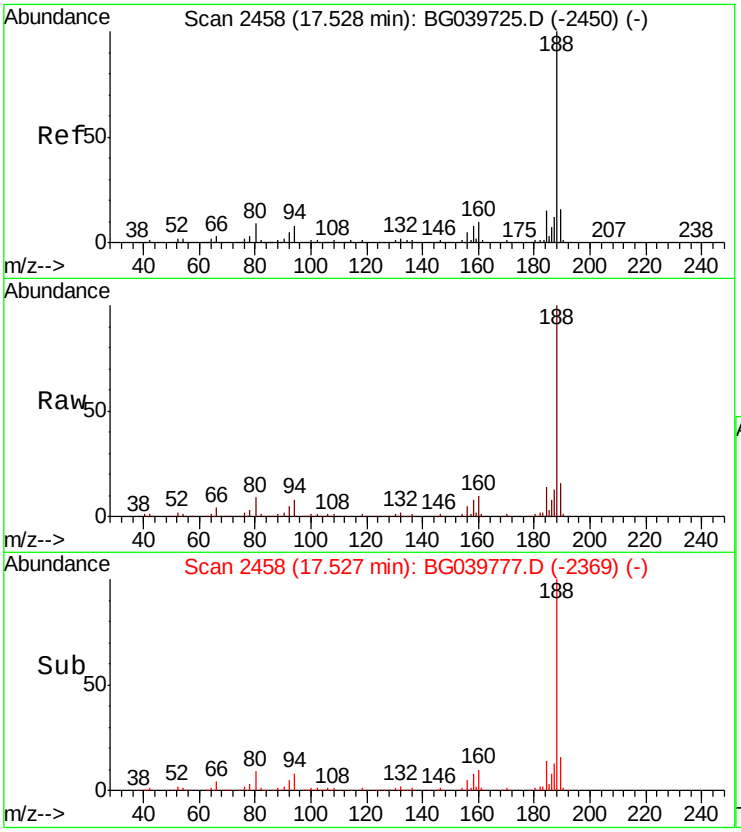


#50
Dimethylphthalate
Concen: 5.081 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion:163 Resp: 54670

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	8.6	8.4	12.6



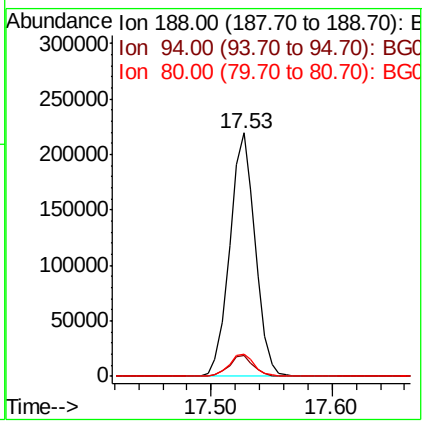


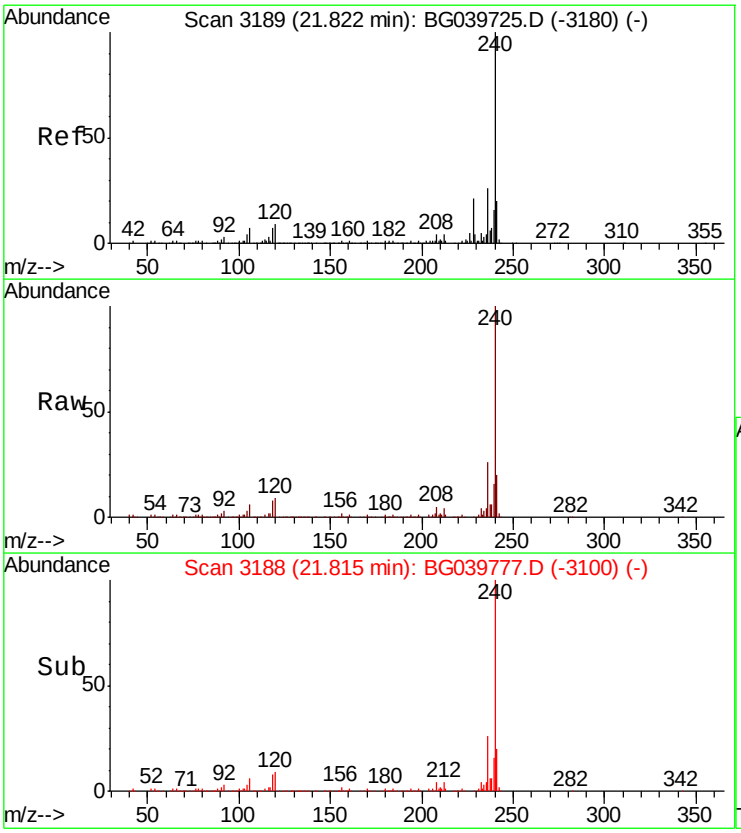
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

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

Tgt Ion:188 Resp: 319716

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.3	8.1	12.1

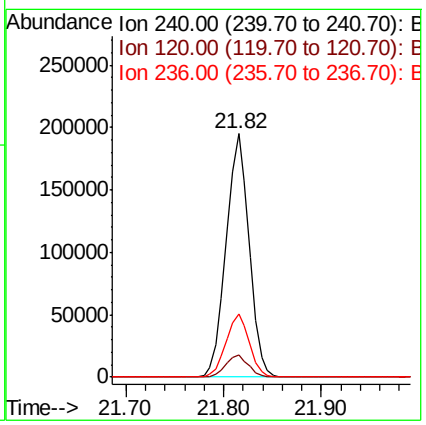


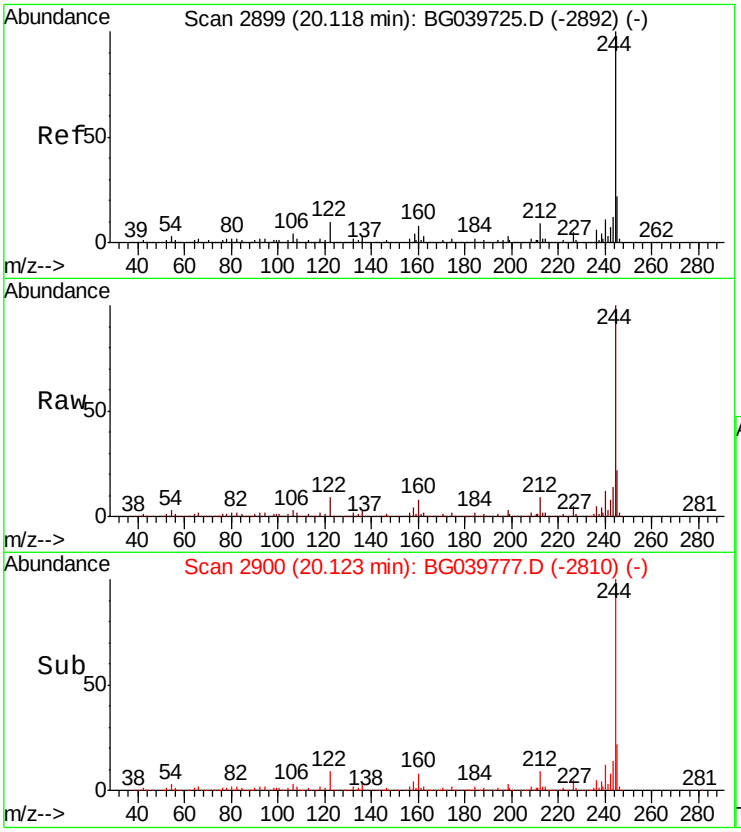


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion:240 Resp: 317801

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	25.9	21.0	31.4



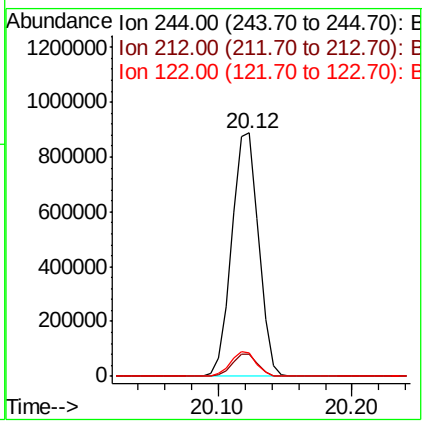


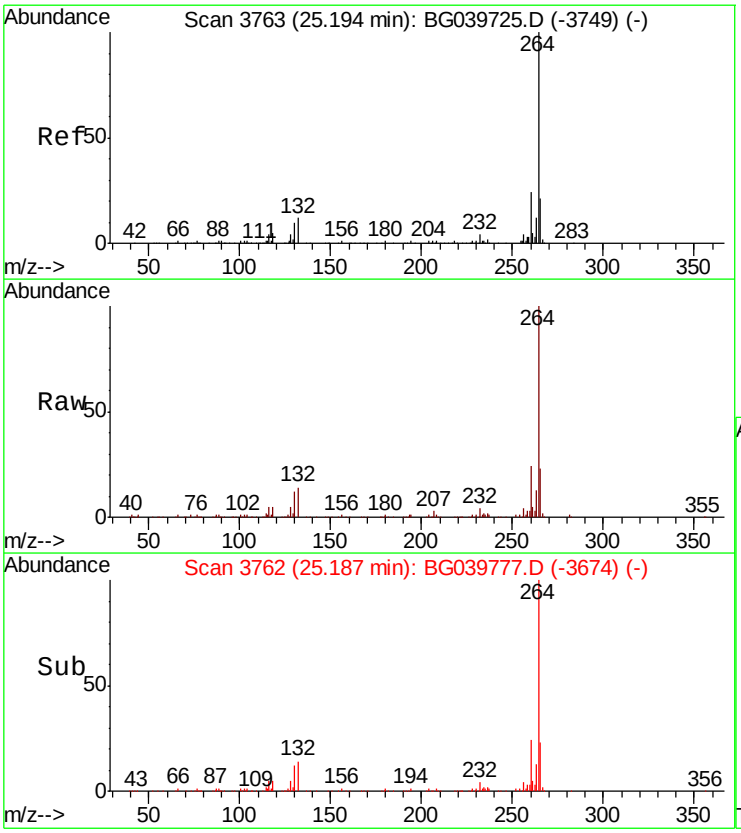
#79
Terphenyl-d14
Concen: 86.435 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

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

Tgt Ion:244 Resp: 1247568

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.4	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039777.D
Acq: 5 Mar 2019 23:24

Tgt Ion:264 Resp: 322451

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.7	18.5	27.7