Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039670.D
Acq On : 28 Feb 2019 21:35
Operator : JU/SJ
Sample : K1628-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C5-2-0.5-1.0

Quant Time: Mar 01 06:38:42 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	8.16	152	57434	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	251728	20.00	ng	-0.03
39) Acenaphthene-d10	14.79	164	169869	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	407208	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	406408	20.00	ng	-0.03
87) Perylene-d12	25.19	264	411115	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	416103	124.00	ng	0.00
7) Phenol-d6	7.31	99	724803	146.73	ng	0.00
23) Nitrobenzene-d5	9.34	82	436570	108.34	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	212085	115.94	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	948965	80.14	ng	-0.02
79) Terphenyl-d14	20.12	244	1367440	71.22	ng	-0.03
Target Compounds						Qvalue
10) Phenol	7.34	94	12675	2.462	ng	81
50) Dimethylphthalate	14.23	163	89577	6.529	ng	98

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

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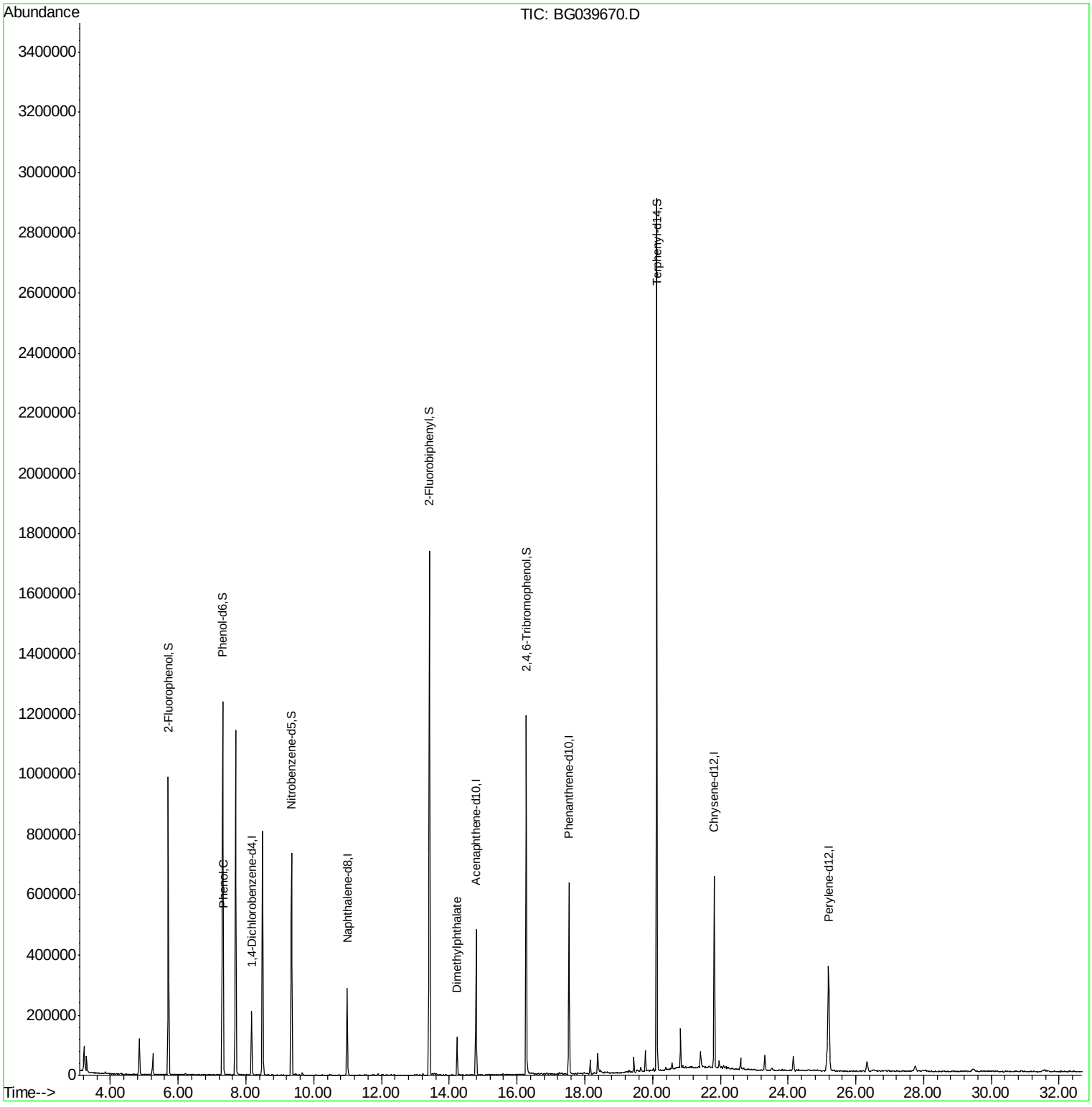
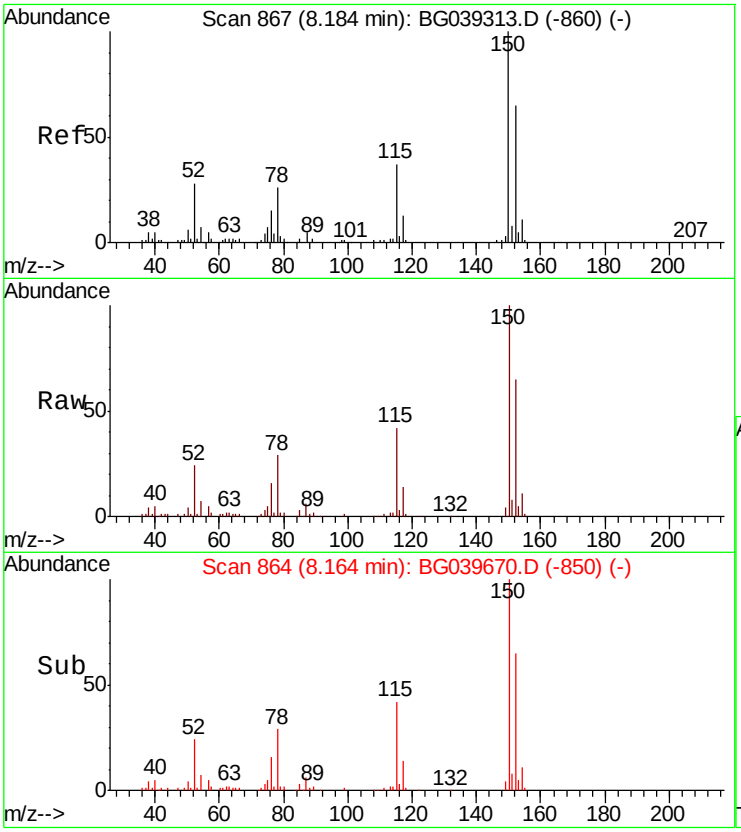


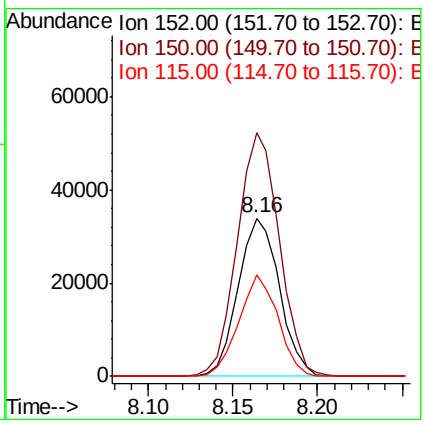


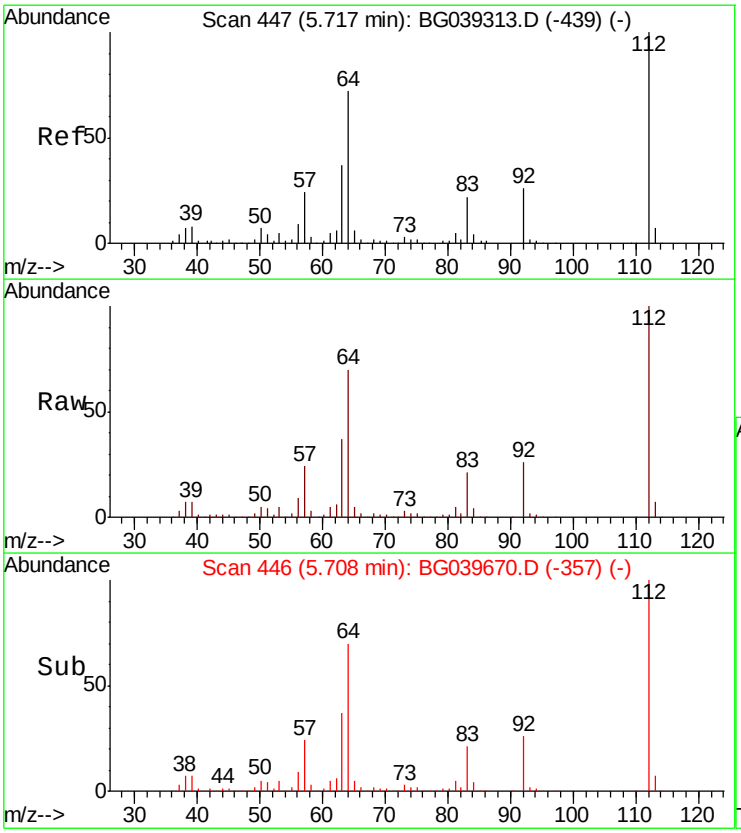
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Instrument :
BNA_G
ClientSampleId :
A0C5-2-0.5-1.0

Tgt Ion:152 Resp: 57434

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.7	185.5
115	64.3	45.9	68.9

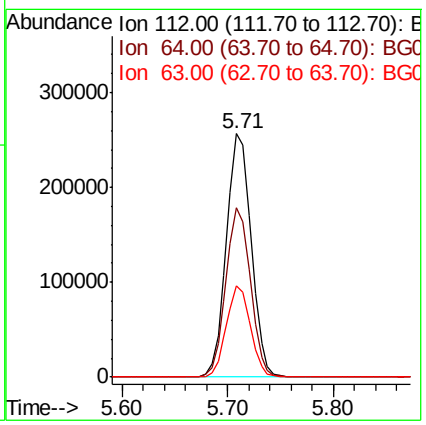


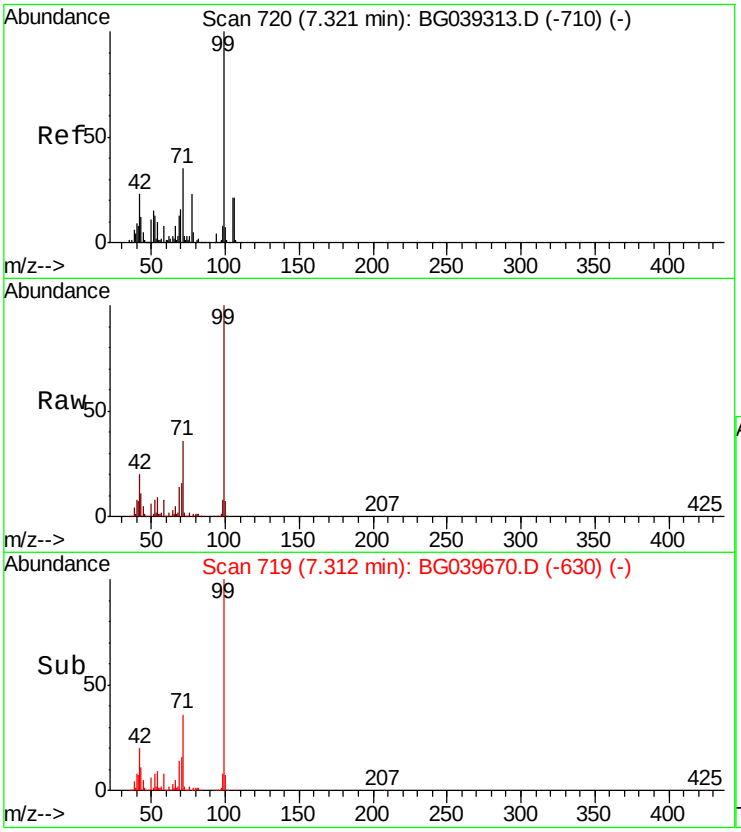


#5
2-Fluorophenol
Concen: 123.997 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Tgt Ion:112 Resp: 416103

Ion	Ratio	Lower	Upper
112	100		
64	69.6	57.8	86.8
63	37.4	29.8	44.6



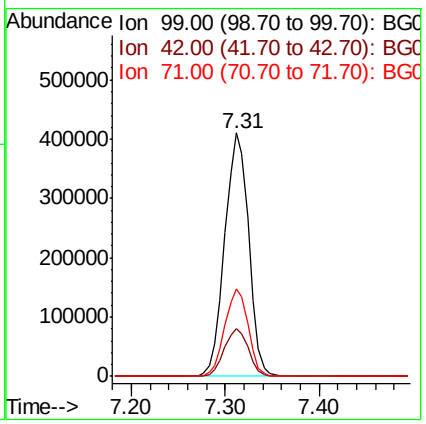


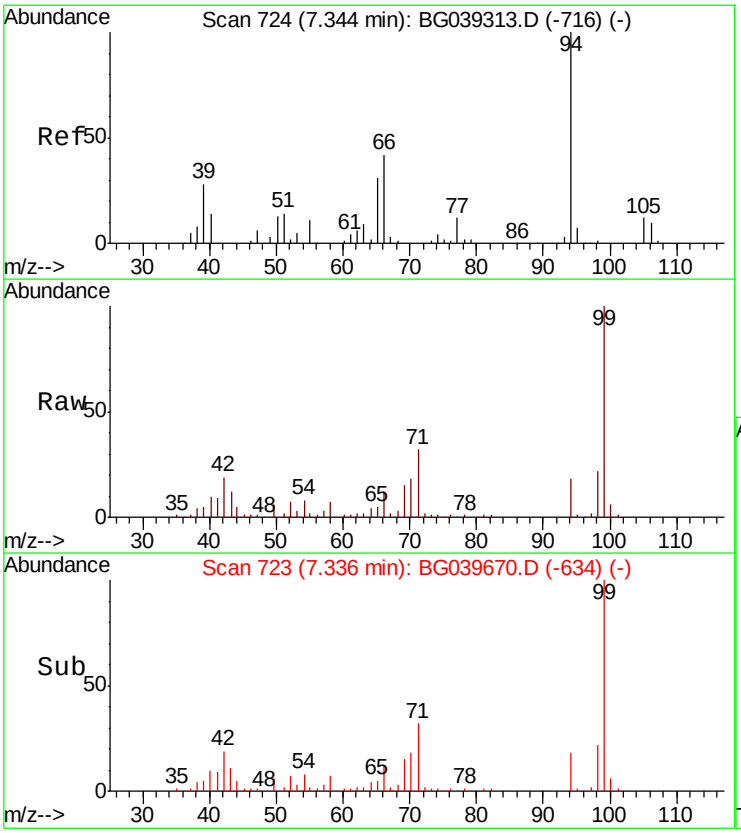
#7
Phenol-d6
Concen: 146.734 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Instrument :
BNA_G
ClientSampleId :
A0C5-2-0.5-1.0

Tgt Ion: 99 Resp: 724803

Ion	Ratio	Lower	Upper
99	100		
42	19.8	18.2	27.2
71	36.1	28.0	42.0

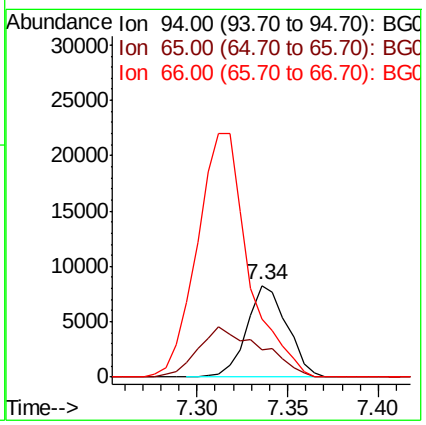


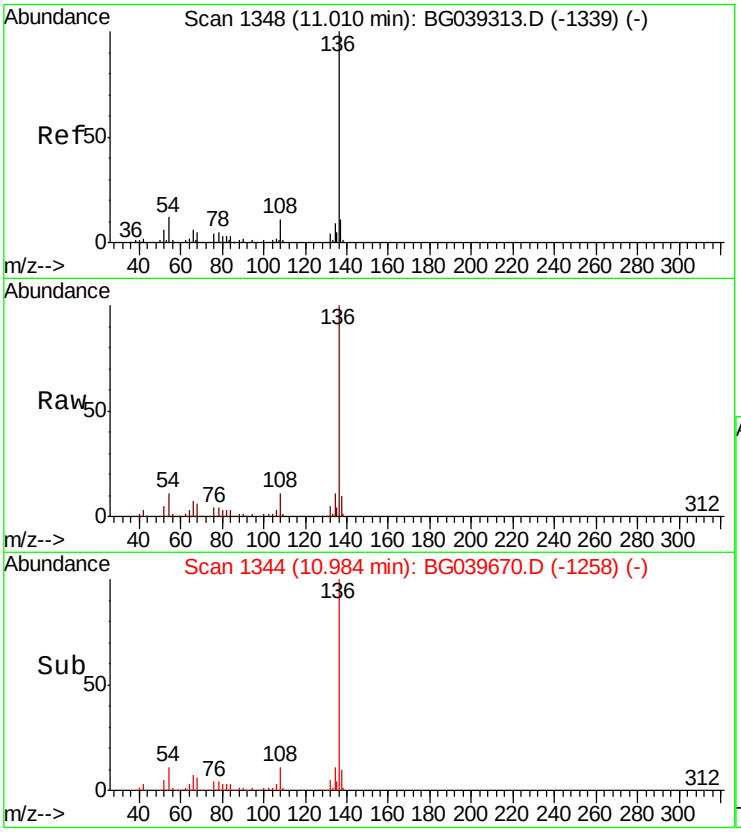


#10
Phenol
Concen: 2.462 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Tgt Ion: 94 Resp: 12675

Ion	Ratio	Lower	Upper
94	100		
65	29.7	11.7	51.7
66	63.6	23.7	63.7



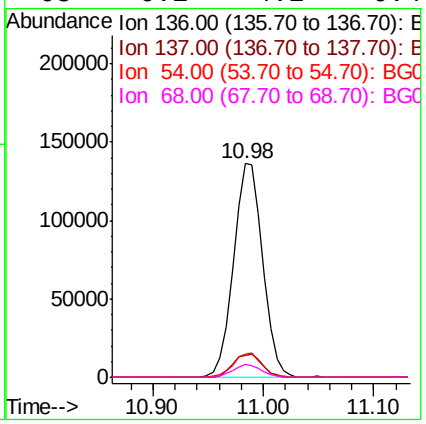


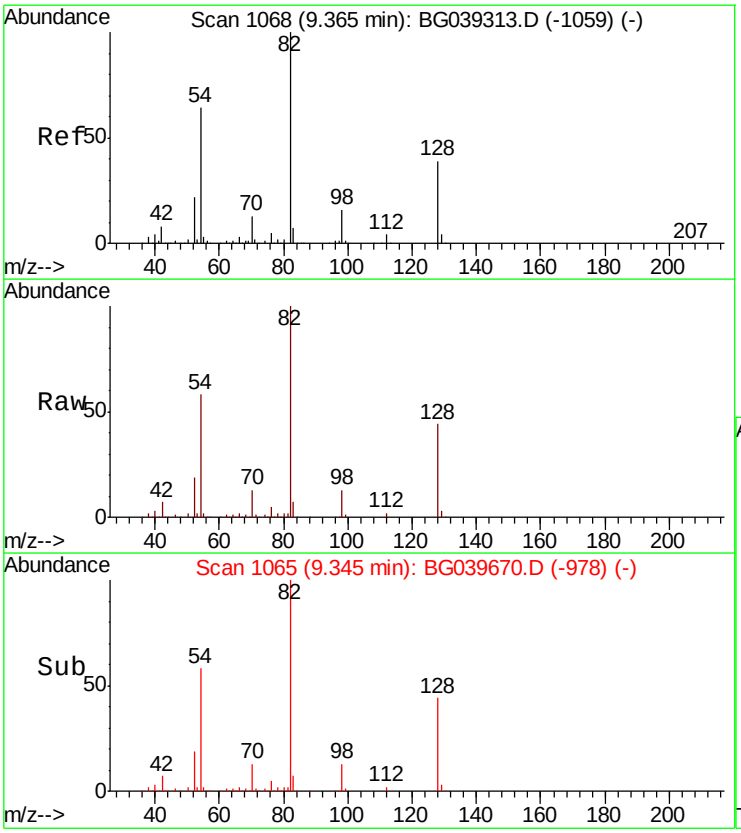
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Instrument : BNA_G
ClientSampleId : A0C5-2-0.5-1.0

Tgt Ion:136 Resp: 251728

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	10.6	9.4	14.2
68	6.2	4.2	6.4

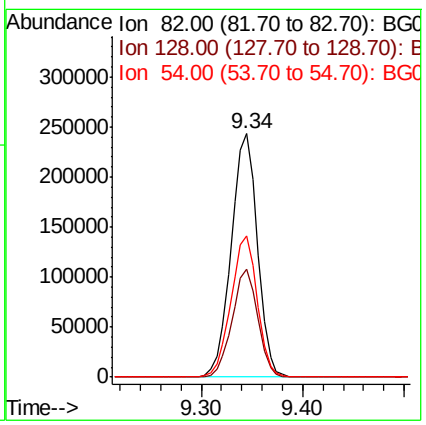


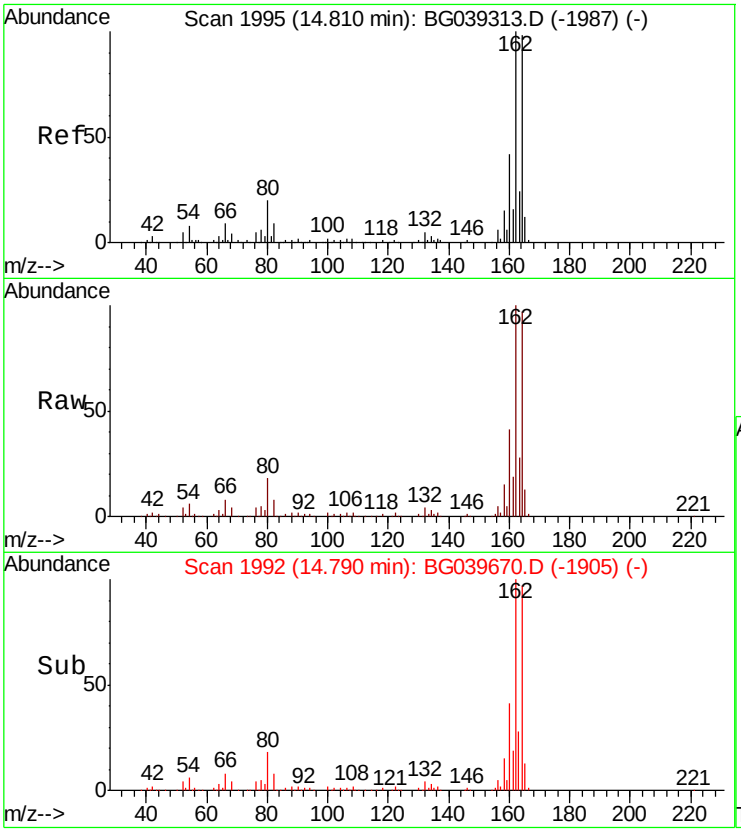


#23
Nitrobenzene-d5
Concen: 108.344 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Tgt Ion: 82 Resp: 436570

Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	58.0	50.9	76.3



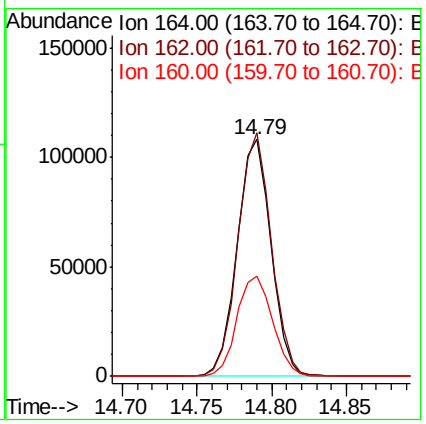


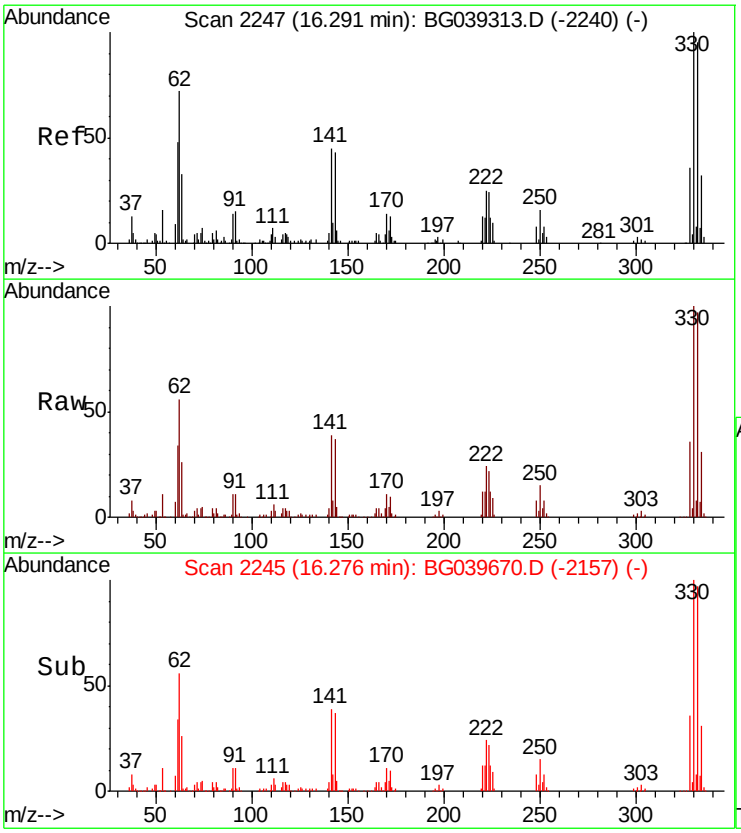
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Instrument :
BNA_G
ClientSampleId :
A0C5-2-0.5-1.0

Tgt Ion:164 Resp: 169869

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.6	122.4
160	42.4	34.2	51.2

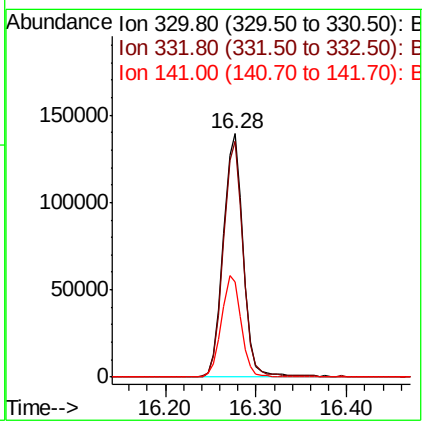


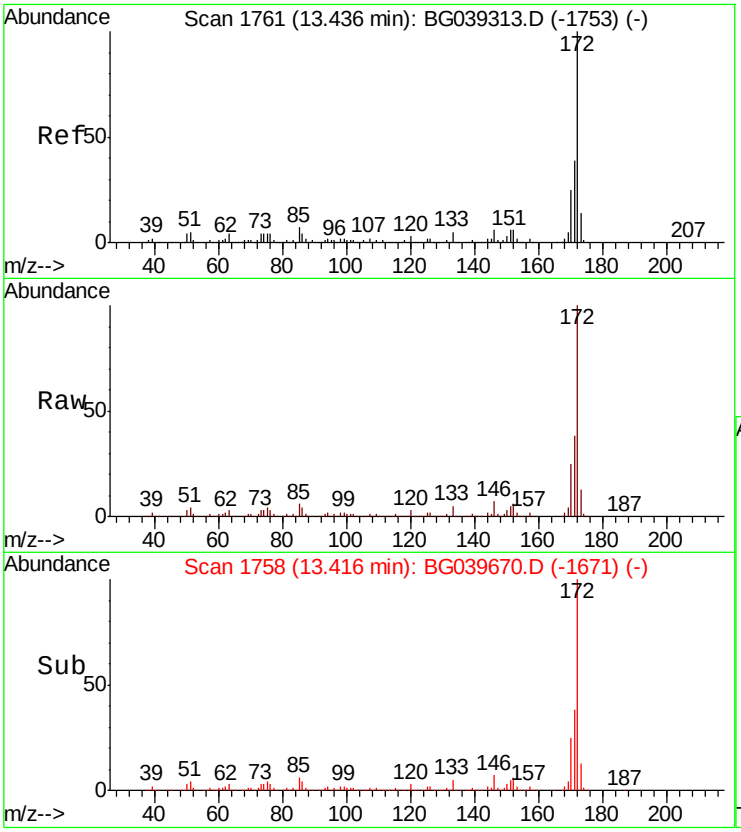


#42
2,4,6-Tribromophenol
Concen: 115.944 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Tgt Ion:330 Resp: 212085

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	41.1	35.6	53.4



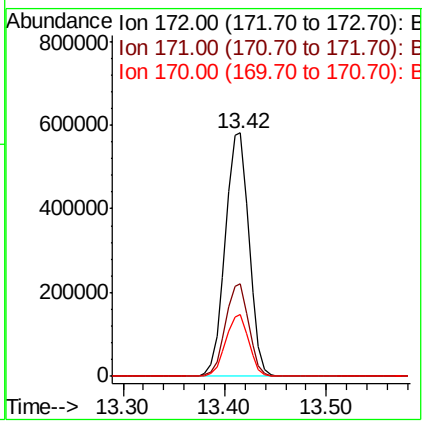


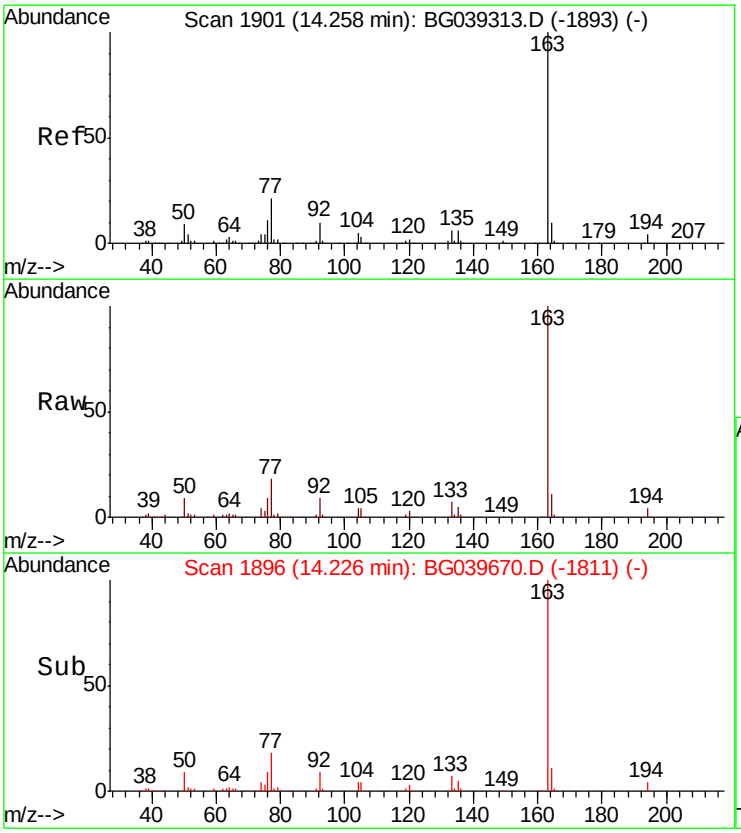
#45
2-Fluorobiphenyl
Concen: 80.140 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Instrument :
BNA_G
ClientSampleId :
A0C5-2-0.5-1.0

Tgt Ion:172 Resp: 948965

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.3	20.2	30.4

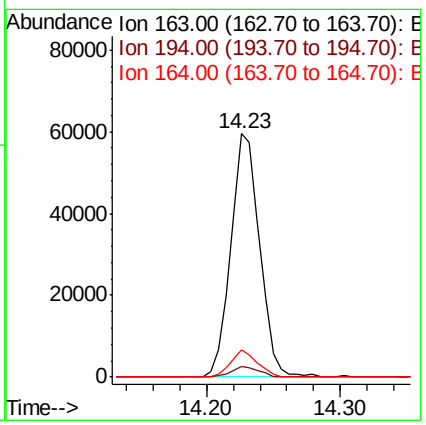


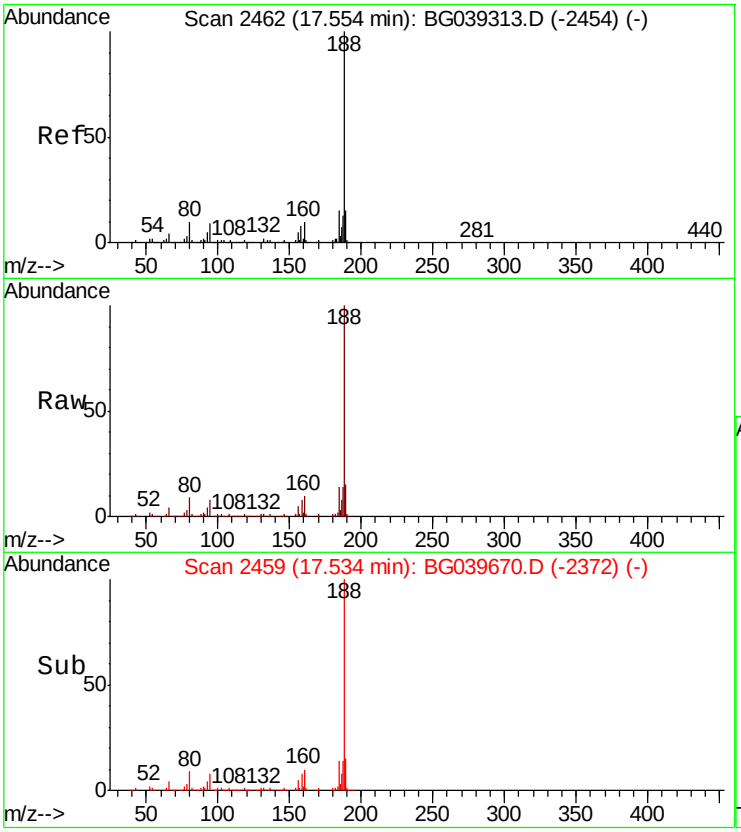


#50
Dimethylphthalate
Concen: 6.529 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Tgt Ion:163 Resp: 89577

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.2	8.4	12.6



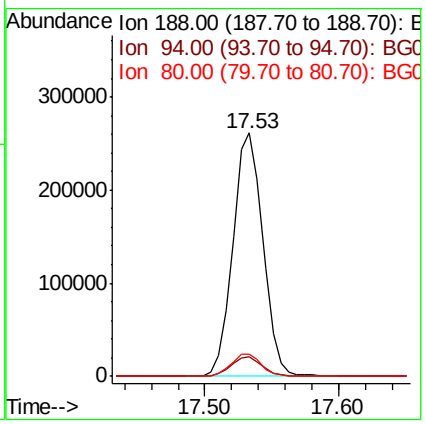


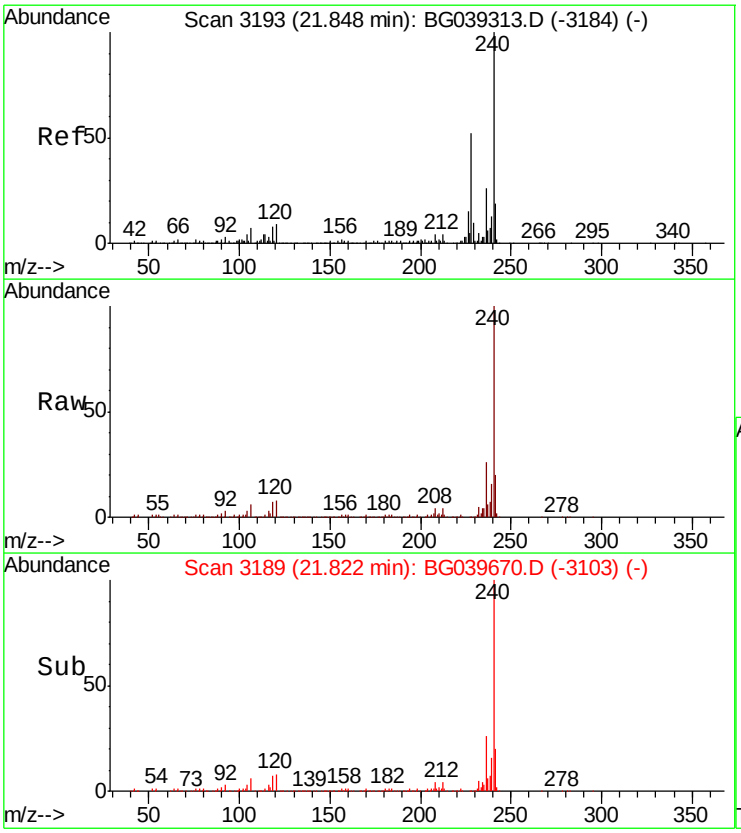
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Instrument :
BNA_G
ClientSampleId :
A0C5-2-0.5-1.0

Tgt Ion:188 Resp: 407208

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.2	8.1	12.1

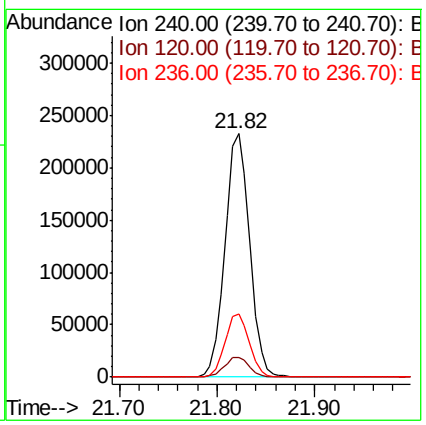


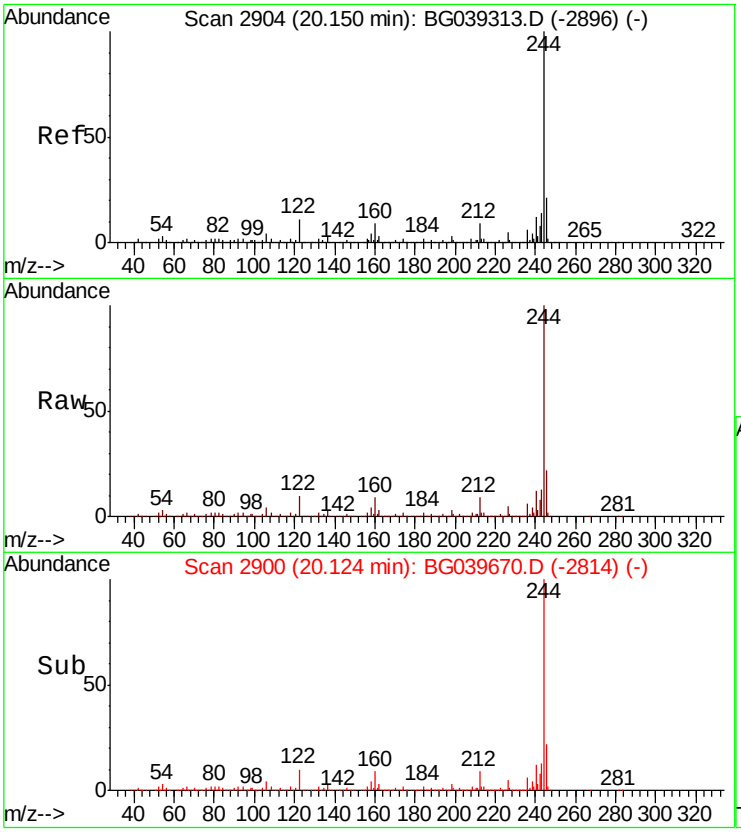


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Tgt Ion:240 Resp: 406408

Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.0	10.6
236	25.9	21.0	31.4



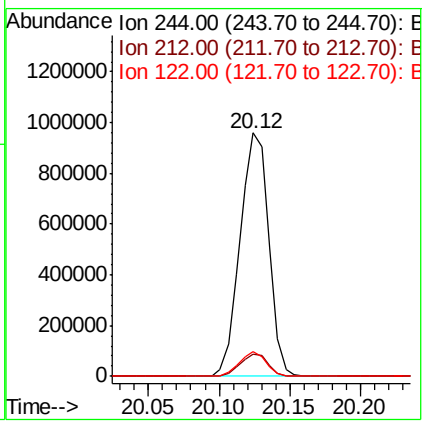


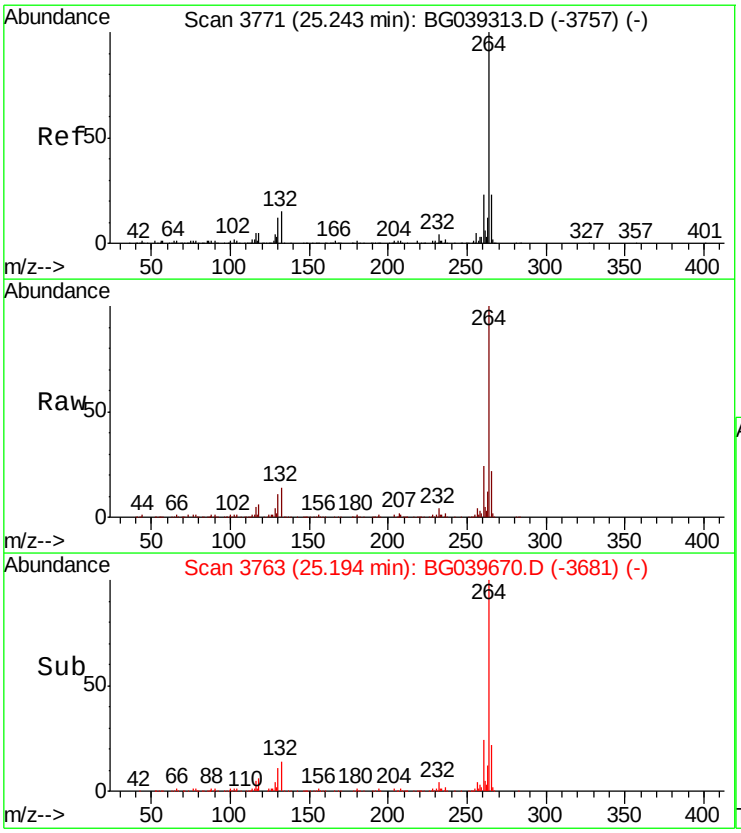
#79
Terphenyl-d14
Concen: 71.220 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Instrument :
BNA_G
ClientSampleId :
A0C5-2-0.5-1.0

Tgt Ion:244 Resp: 1367440

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.05 min
Lab File: BG039670.D
Acq: 28 Feb 2019 21:35

Tgt Ion:264 Resp: 411115

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.3	18.5	27.7