Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039113.D
Acq On : 12 Jan 2019 11:08
Operator : JU/SJ
Sample : K1119-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-A

Quant Time: Jan 14 10:34:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	22944	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	107791	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	78992	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	254462	20.00	ng	0.00
76) Chrysene-d12	21.69	240	207774	20.00	ng	-0.02
87) Perylene-d12	24.96	264	218027	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	152691	126.24	ng	0.00
7) Phenol-d6	7.18	99	220989	126.96	ng	-0.01
23) Nitrobenzene-d5	9.20	82	171784	87.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	186319	140.71	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	565613	97.99	ng	0.00
79) Terphenyl-d14	20.02	244	1093994	97.40	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.89	128	19481	3.603	ng	# 94
37) 2-Methylnaphthalene	12.49	142	9614	2.372	ng	93
38) 1-Methylnaphthalene	12.72	142	9174	2.358	ng	96

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

Quantitation Report (QT Reviewed)

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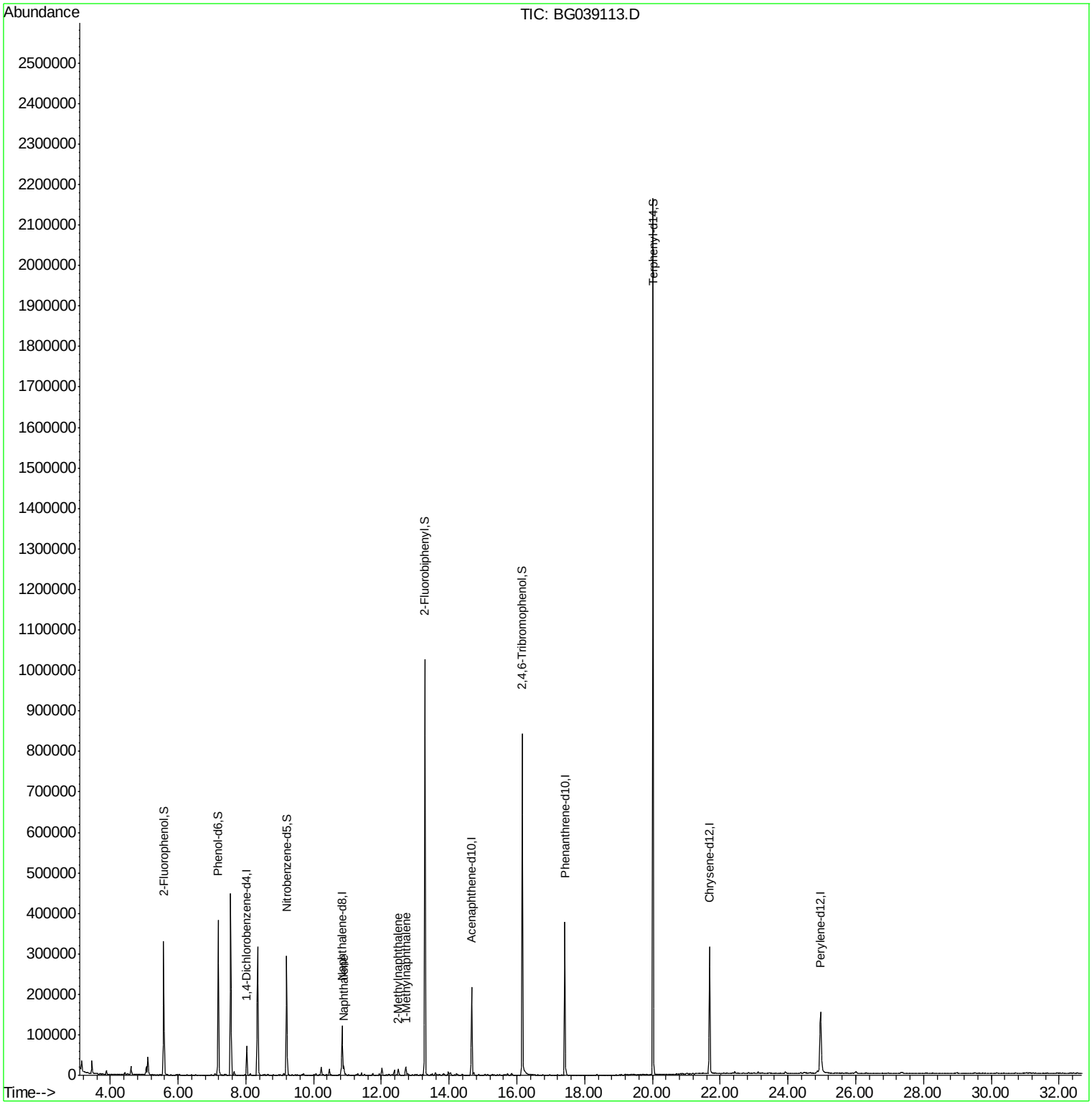
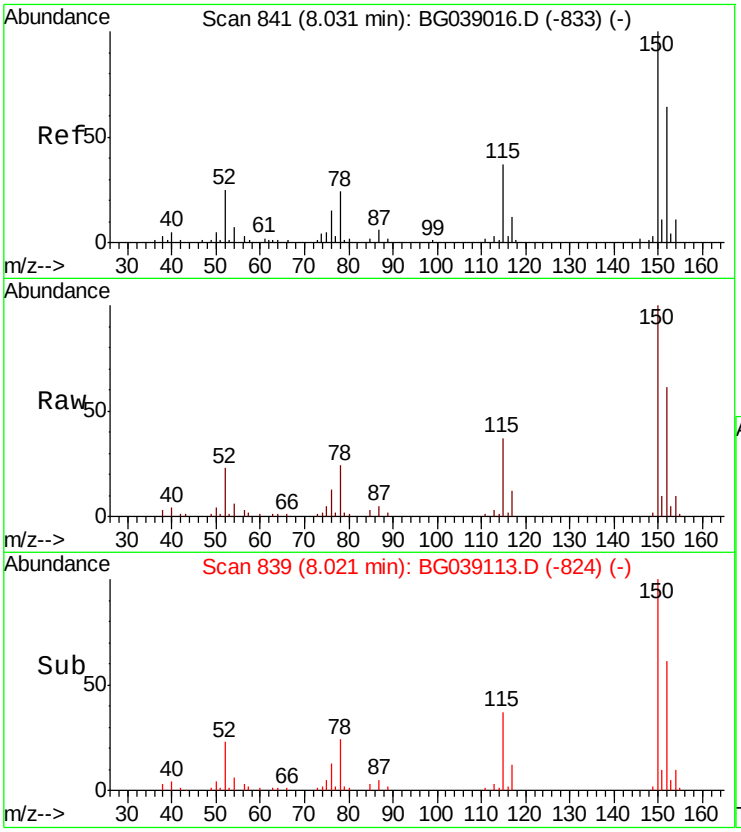


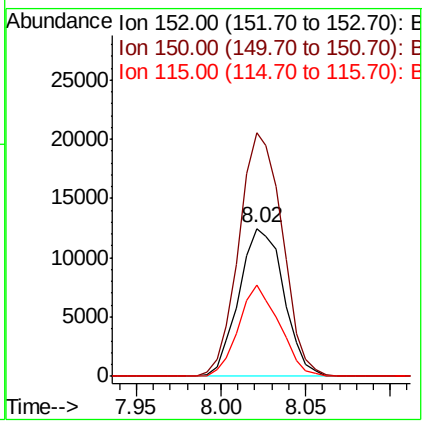


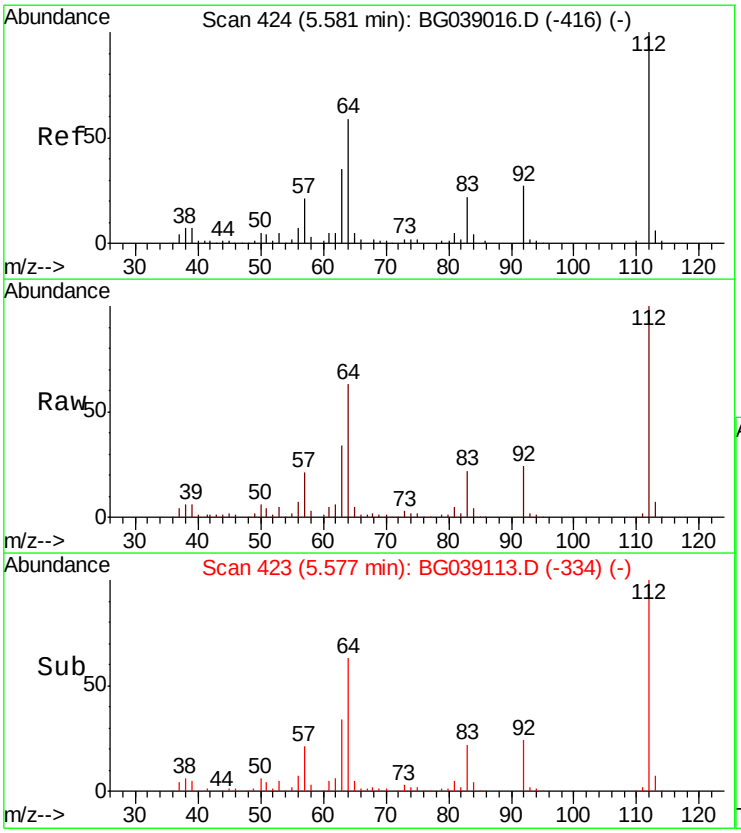
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Instrument :
BNA_G
ClientSampleId :
DS-A

Tgt Ion:152 Resp: 22944

Ion	Ratio	Lower	Upper
152	100		
150	164.5	124.7	187.1
115	61.4	46.5	69.7

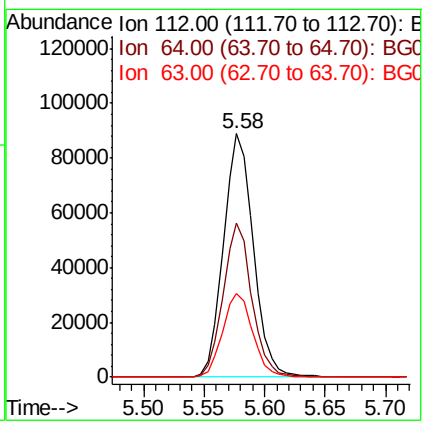


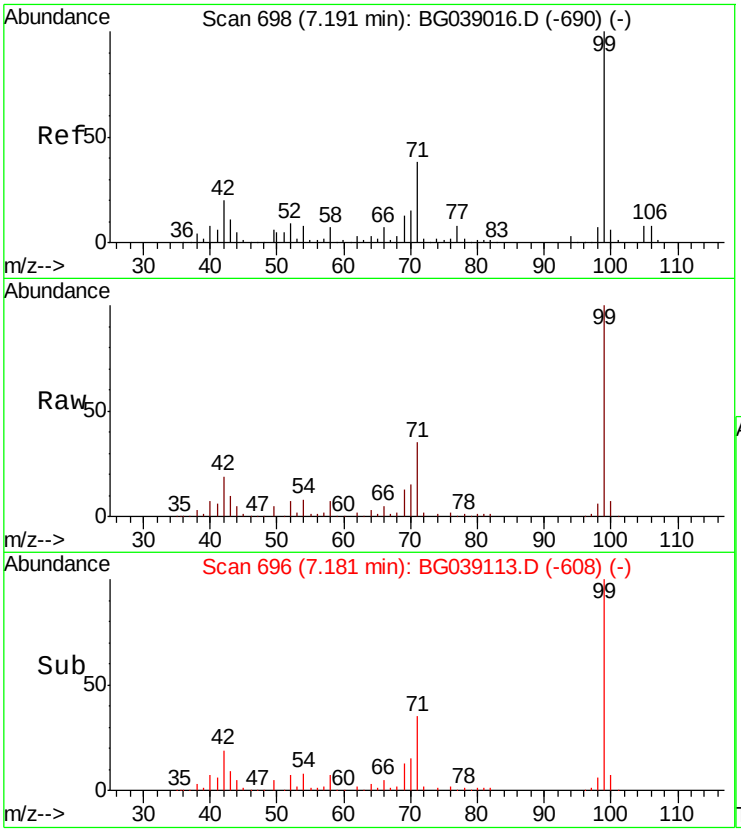


#5
2-Fluorophenol
Concen: 126.243 ng
RT: 5.58 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Tgt Ion:112 Resp: 152691

Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.0	70.6
63	34.3	28.0	42.0



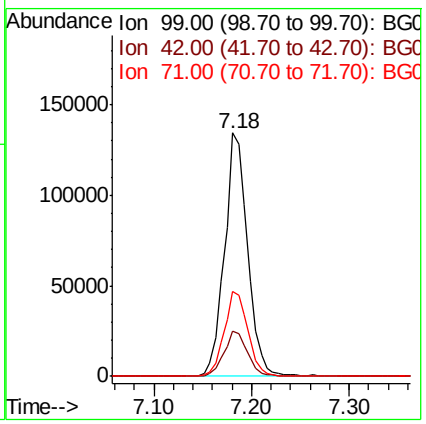


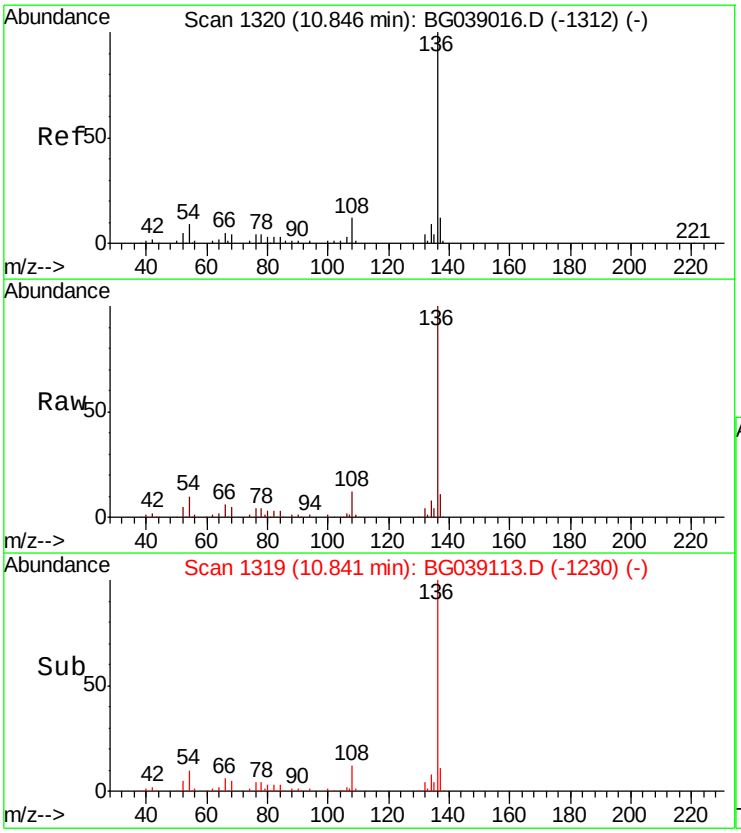
#7
Phenol-d6
Concen: 126.959 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Instrument :
BNA_G
ClientSampleId :
DS-A

Tgt Ion: 99 Resp: 220989

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	34.9	30.2	45.4

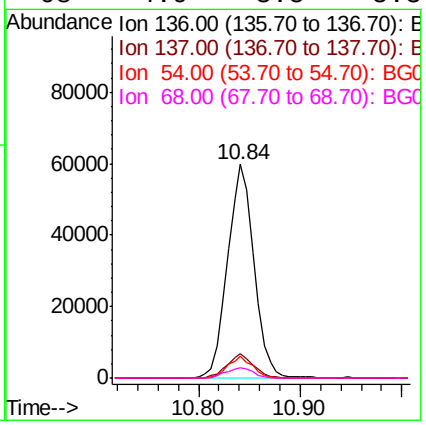


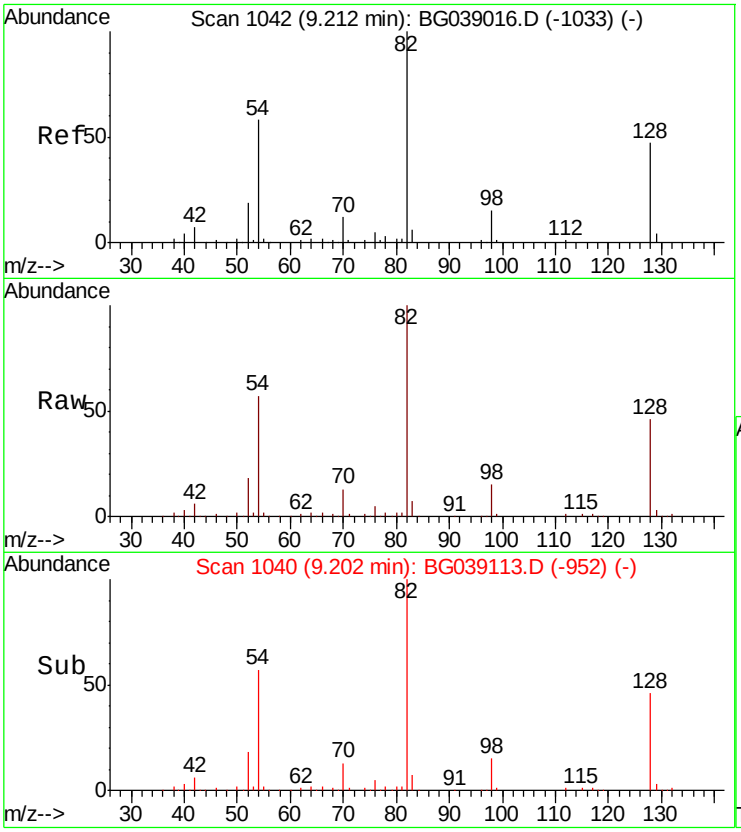


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Tgt Ion:136 Resp: 107791

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.2
54	10.0	7.2	10.8
68	4.9	3.5	5.3



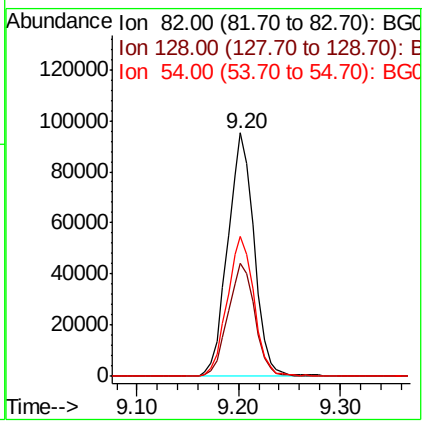


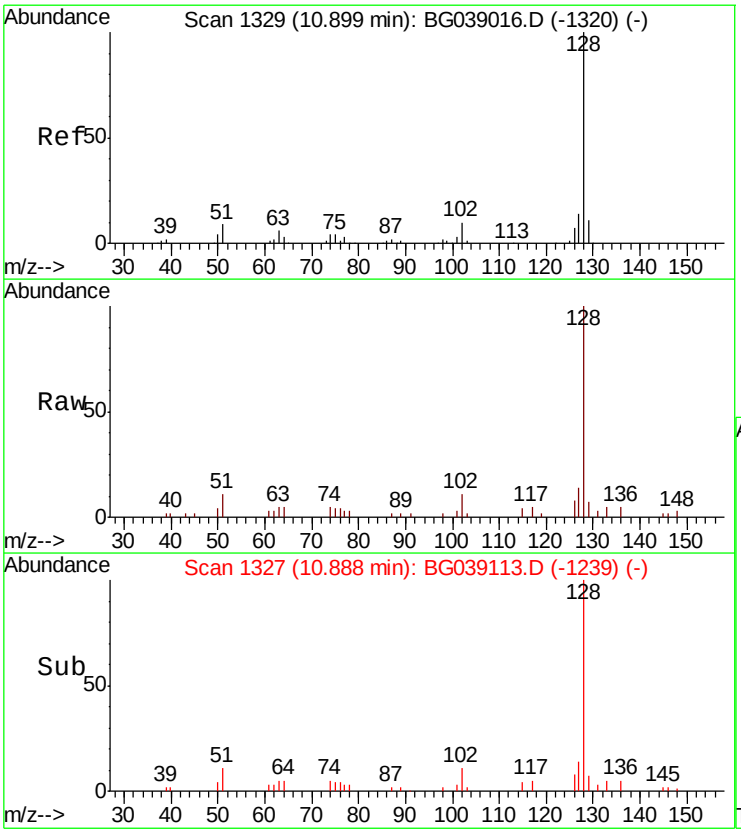
#23
Nitrobenzene-d5
Concen: 87.205 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Instrument :
BNA_G
ClientSampleId :
DS-A

Tgt Ion: 82 Resp: 171784

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.3	55.9
54	57.3	46.4	69.6

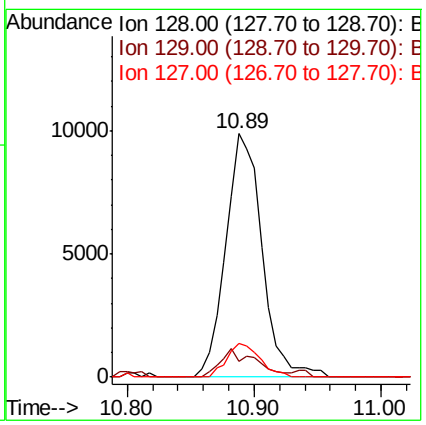


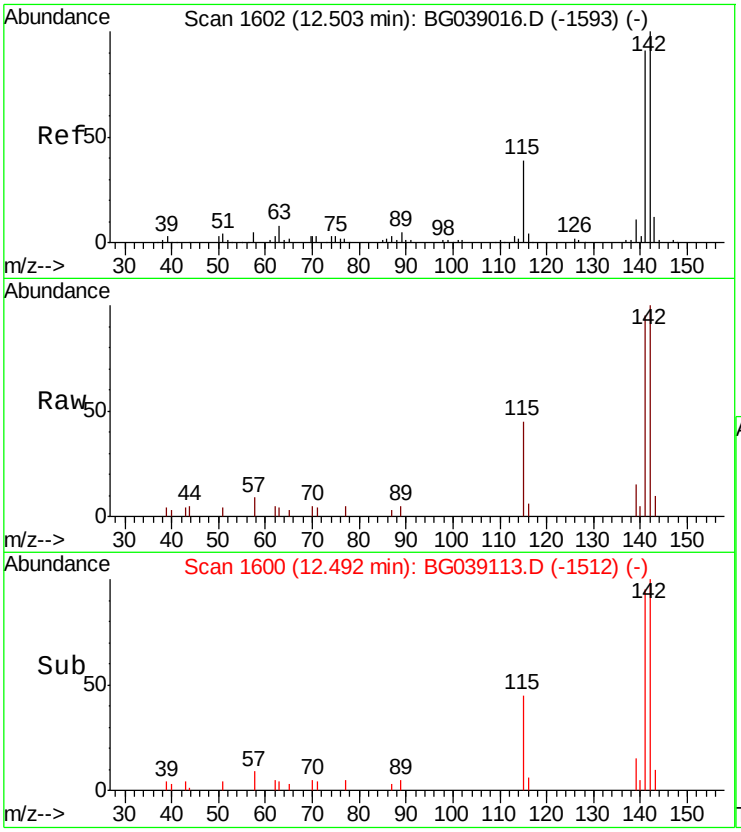


#31
Naphthalene
Concen: 3.603 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Tgt Ion:128 Resp: 19481

Ion	Ratio	Lower	Upper
128	100		
129	6.7	9.1	13.7#
127	13.7	11.2	16.8



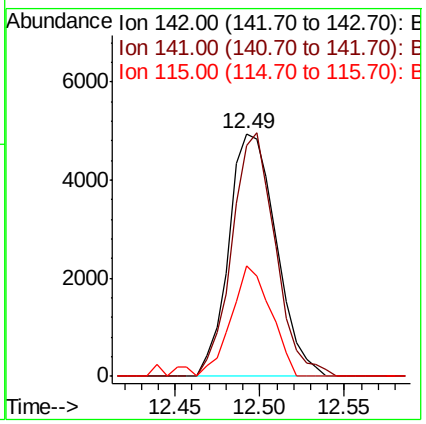


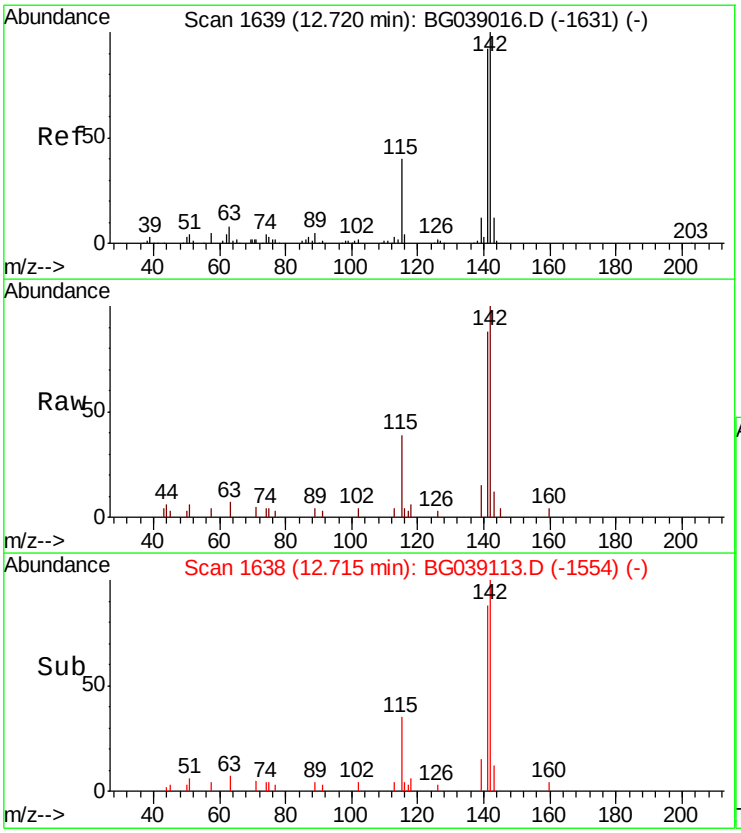
#37
2-Methylnaphthalene
Concen: 2.372 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Instrument :
BNA_G
ClientSampleId :
DS-A

Tgt Ion:142 Resp: 9614

Ion	Ratio	Lower	Upper
142	100		
141	95.3	72.6	109.0
115	45.5	31.1	46.7

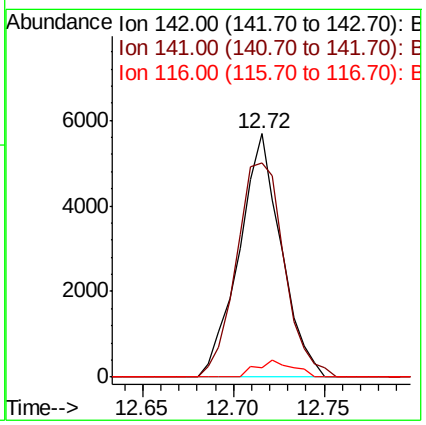


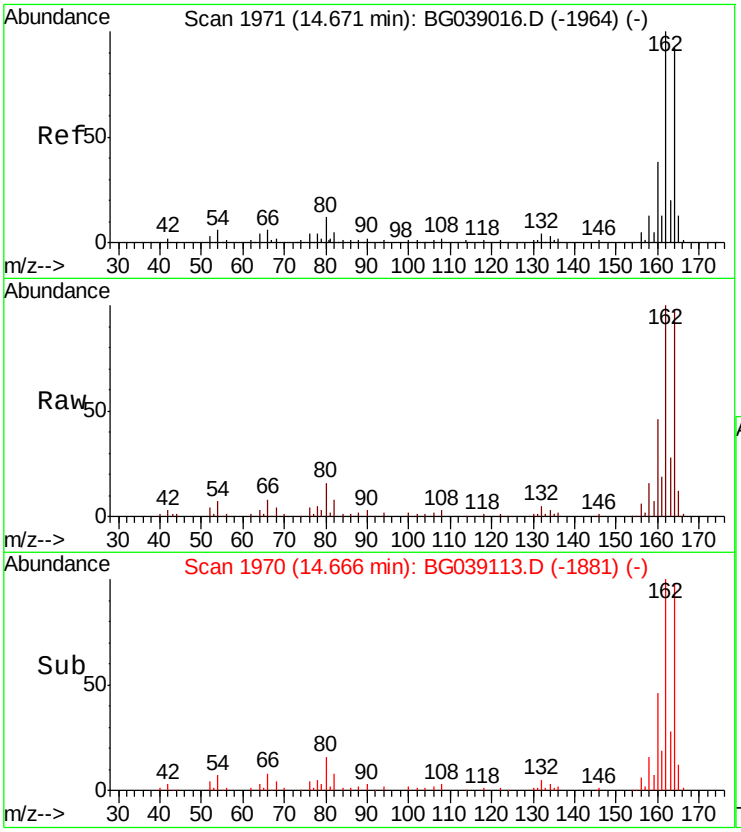


#38
1-Methylnaphthalene
Concen: 2.358 ng
RT: 12.72 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Tgt Ion:142 Resp: 9174

Ion	Ratio	Lower	Upper
142	100		
141	87.8	73.3	109.9
116	3.7	3.1	4.7



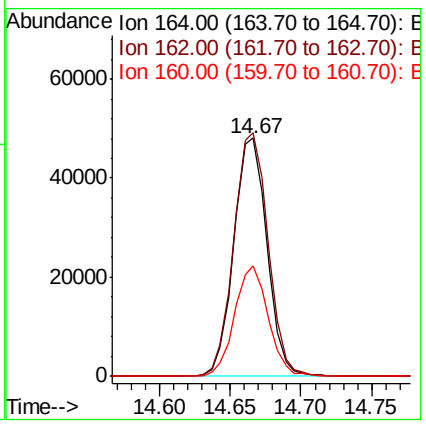


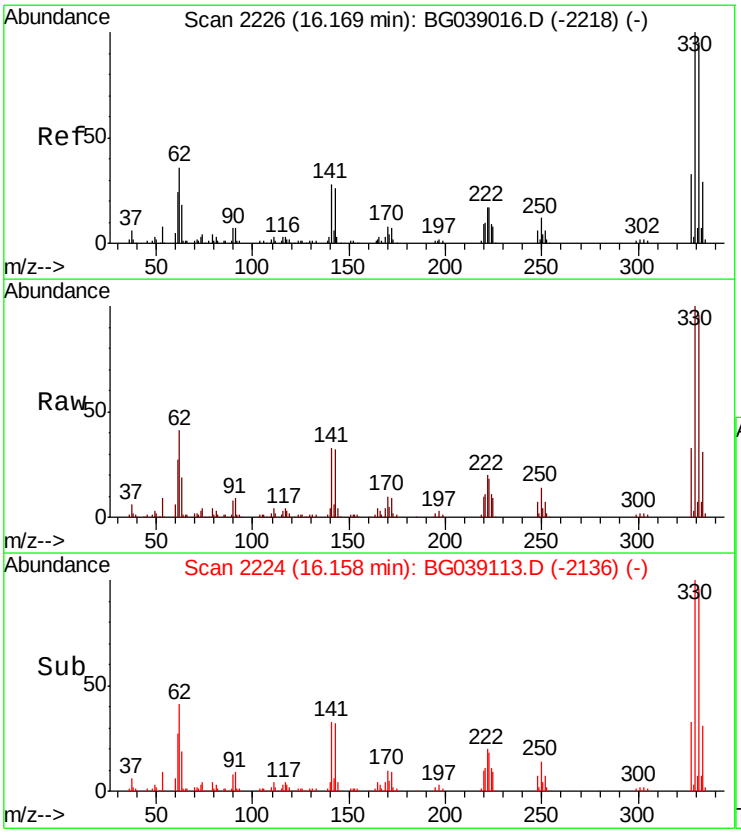
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Instrument :
BNA_G
ClientSampleId :
DS-A

Tgt Ion:164 Resp: 78992

Ion	Ratio	Lower	Upper
164	100		
162	102.2	87.2	130.8
160	46.6	33.3	49.9

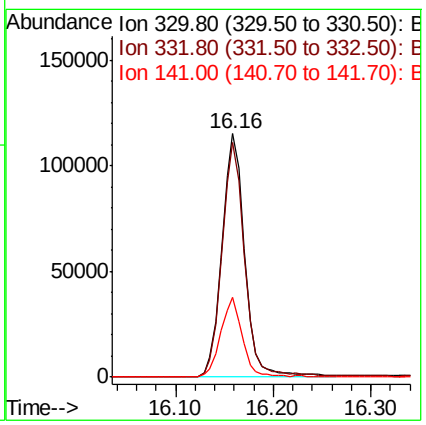


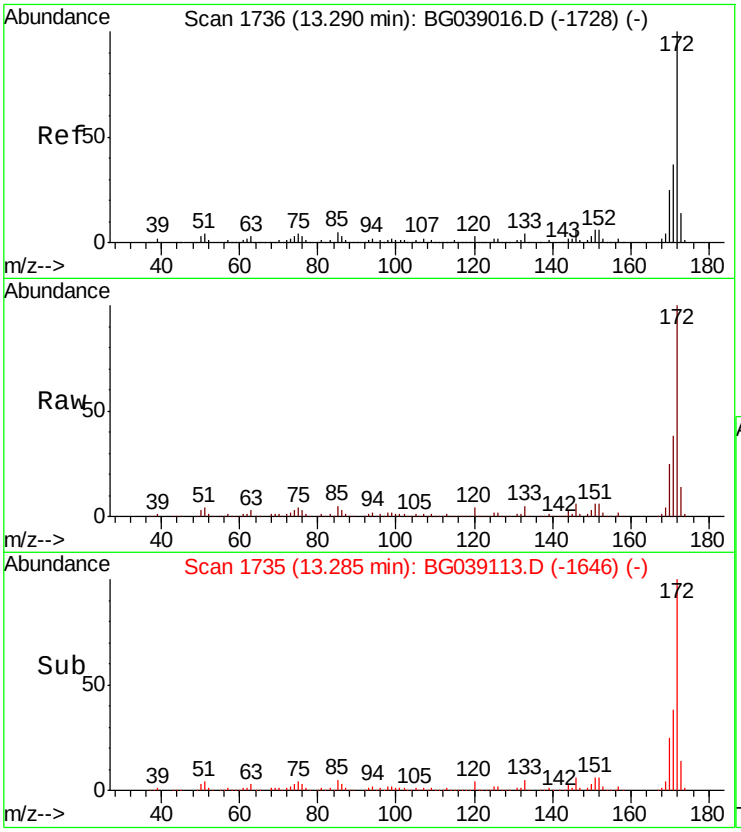


#42
2,4,6-Tribromophenol
Concen: 140.711 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Tgt Ion:330 Resp: 186319

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.7	113.5
141	31.3	24.9	37.3



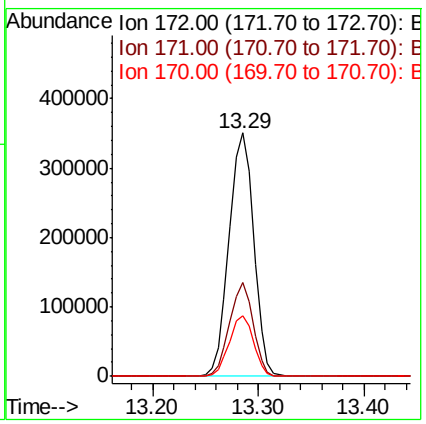


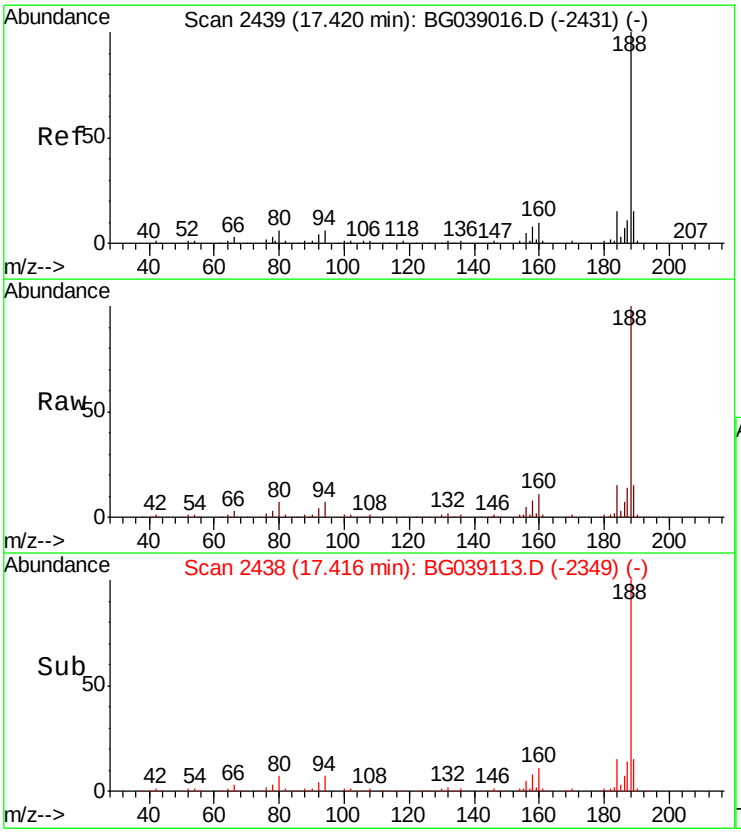
#45
2-Fluorobiphenyl
Concen: 97.994 ng
RT: 13.29 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Instrument :
BNA_G
ClientSampleId :
DS-A

Tgt Ion:172 Resp: 565613

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.0
170	25.0	20.1	30.1

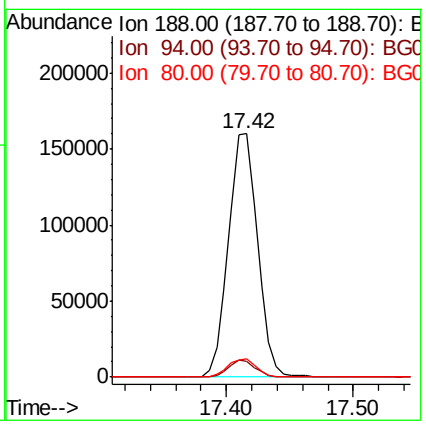


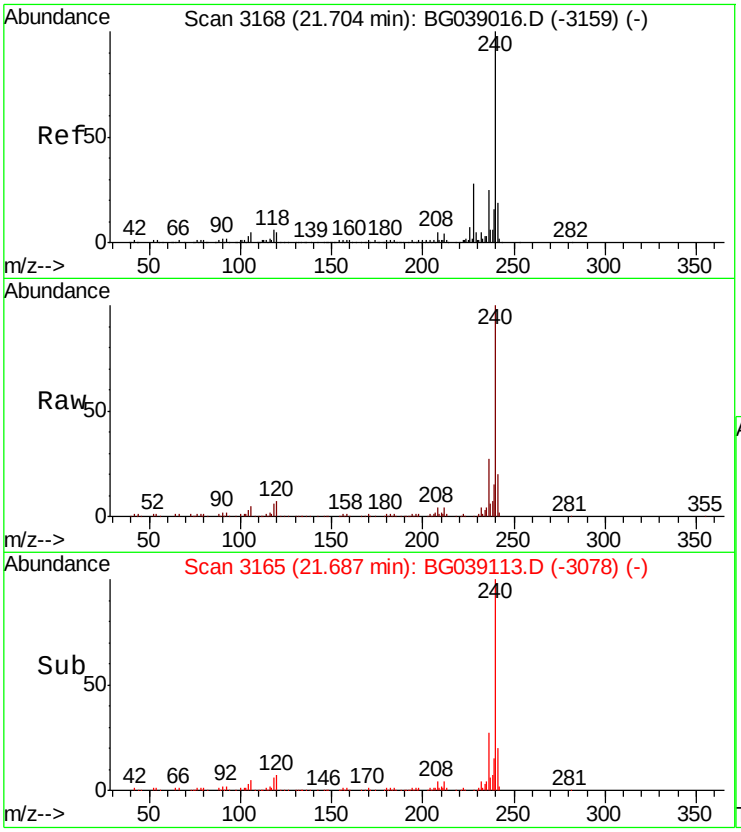


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Tgt Ion:188 Resp: 254462

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.0	7.4
80	7.4	4.7	7.1#



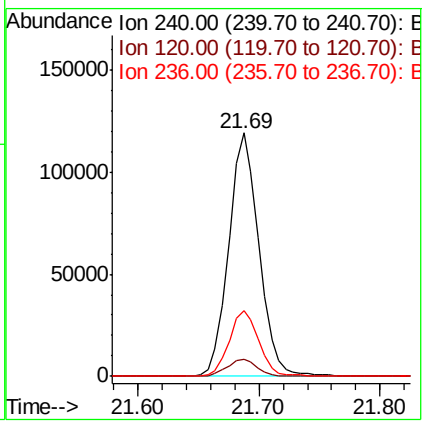


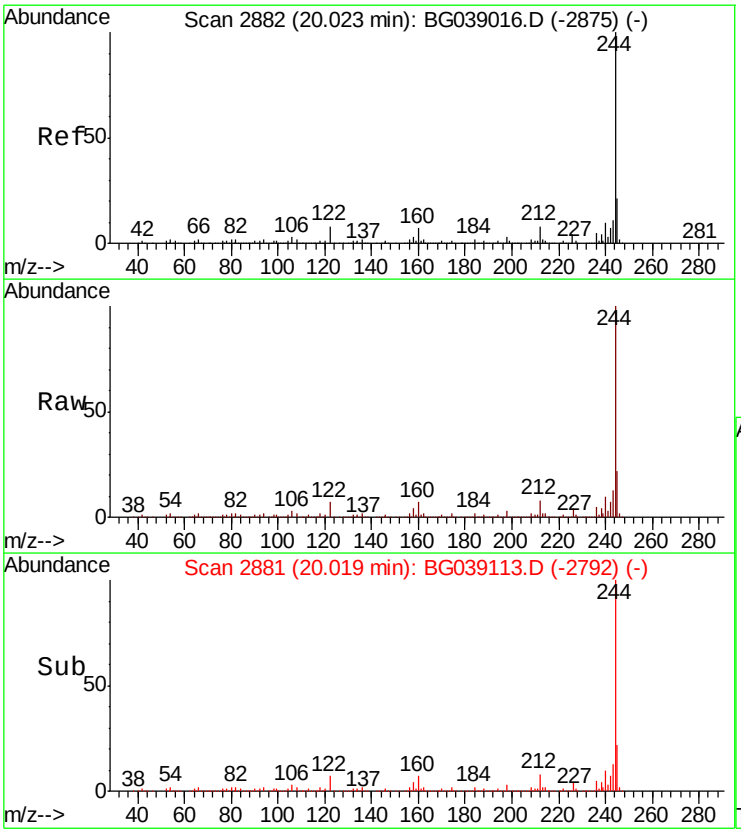
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Instrument :
BNA_G
ClientSampleId :
DS-A

Tgt Ion:240 Resp: 207774

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.3	6.5#
236	26.9	20.1	30.1

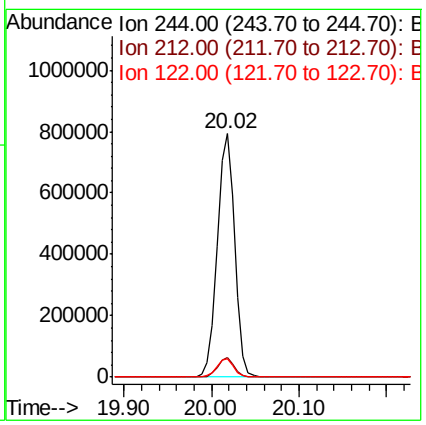


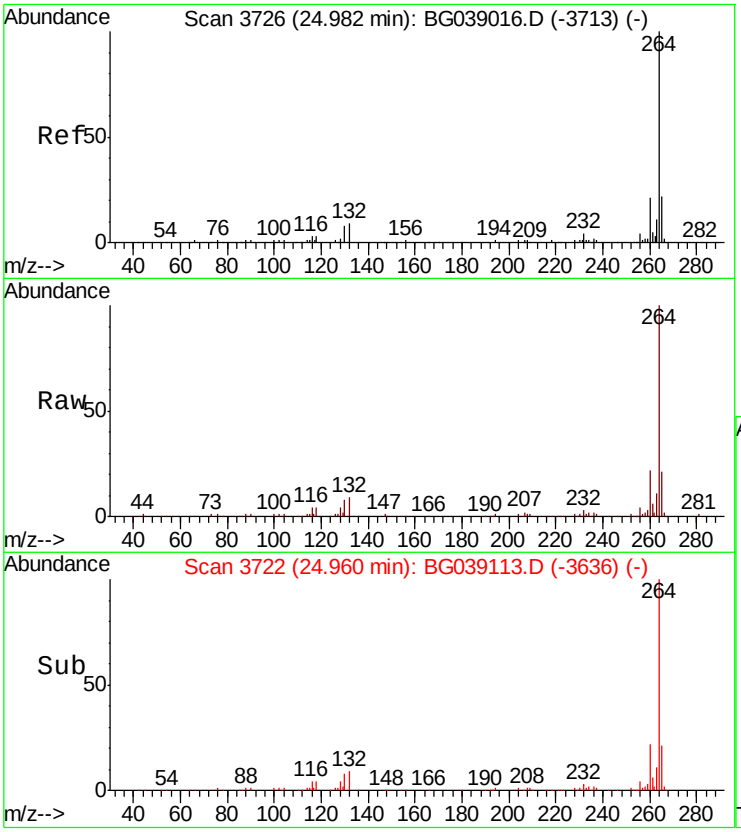


#79
Terphenyl-d14
Concen: 97.403 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Tgt Ion:244 Resp: 1093994

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	7.5	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.02 min
Lab File: BG039113.D
Acq: 12 Jan 2019 11:08

Instrument :
BNA_G
ClientSampleId :
DS-A

Tgt Ion:264 Resp: 218027

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.0	25.6
265	20.9	17.2	25.8