Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039111.D
Acq On : 12 Jan 2019 9:49
Operator : JU/SJ
Sample : K1011-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-011019-B

Quant Time: Jan 14 10:30:42 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	23037	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	96096	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	77232	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	220305	20.00	ng	0.00
76) Chrysene-d12	21.69	240	207140	20.00	ng	-0.02
87) Perylene-d12	24.96	264	206484	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	189622	156.14	ng	0.00
7) Phenol-d6	7.18	99	263700	150.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	194449	110.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	182934	141.30	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	514182	91.11	ng	0.00
79) Terphenyl-d14	20.02	244	1129463	100.87	ng	0.00
Target Compounds						Qvalue

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

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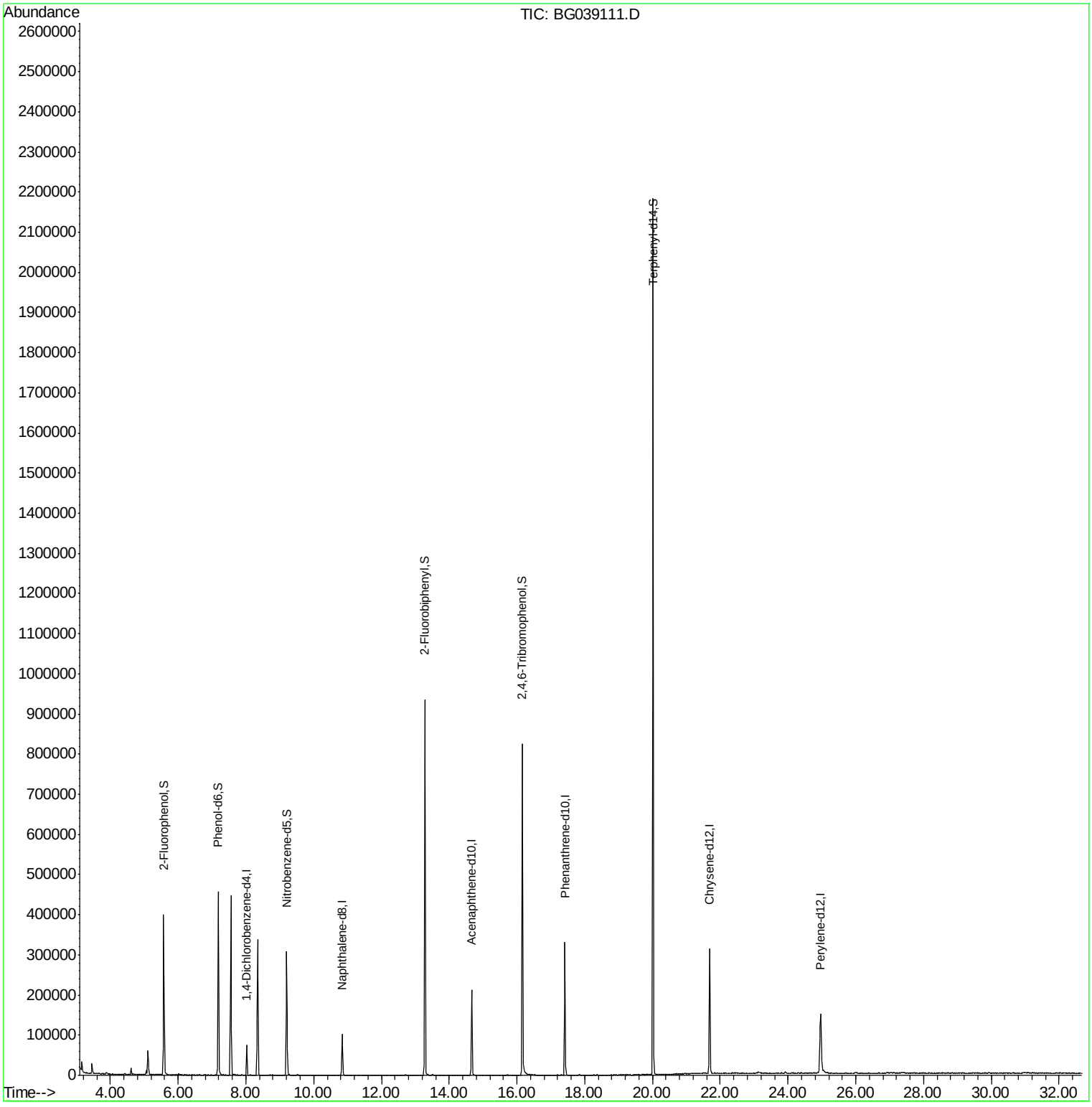
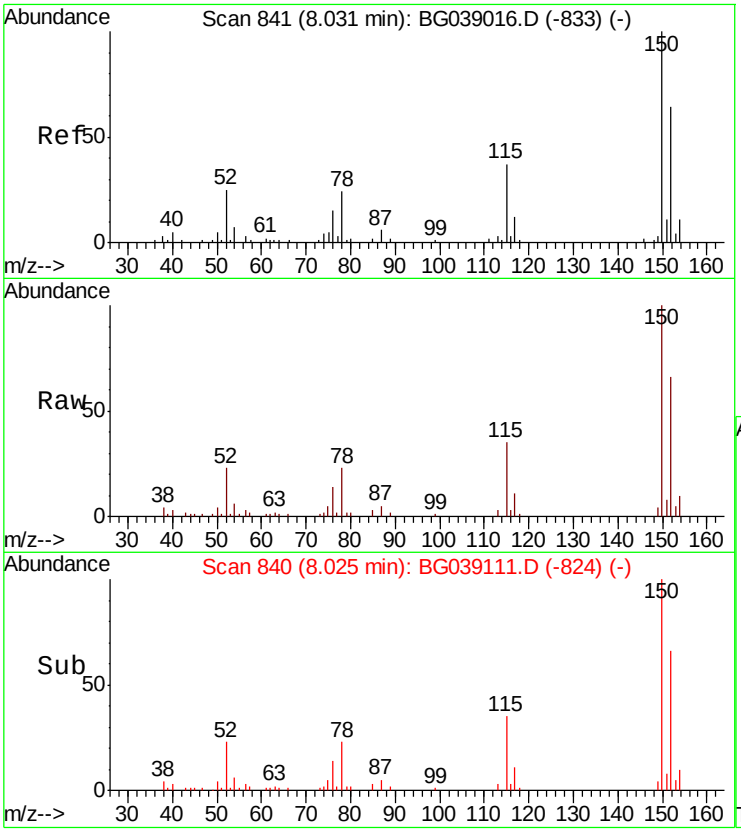


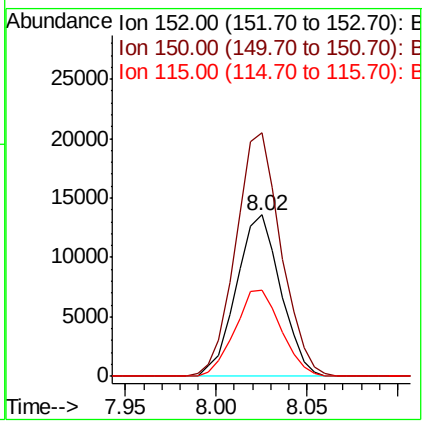


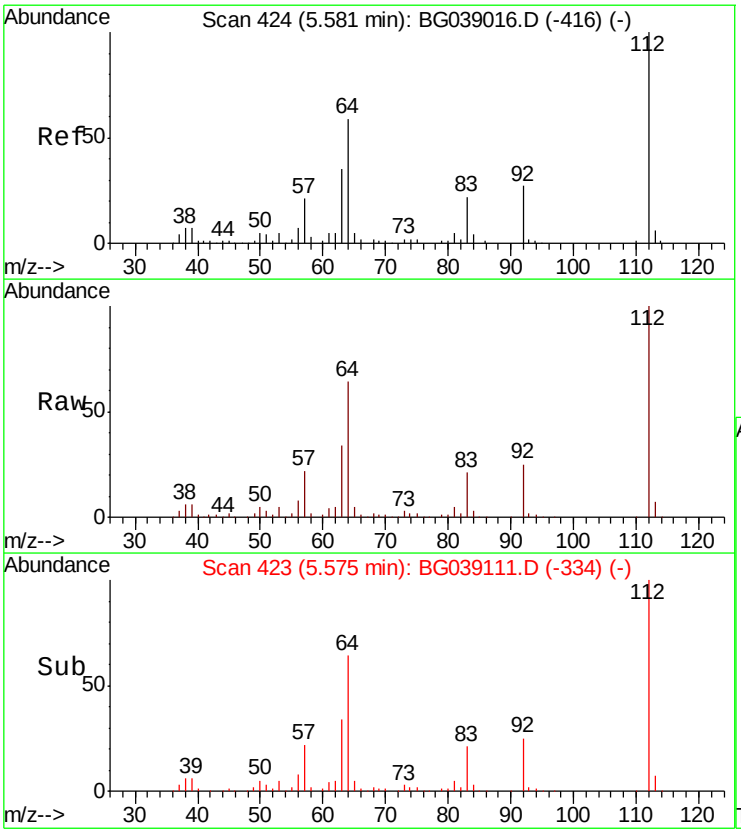
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-B

Tgt Ion:152 Resp: 23037

Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.7	187.1
115	53.4	46.5	69.7

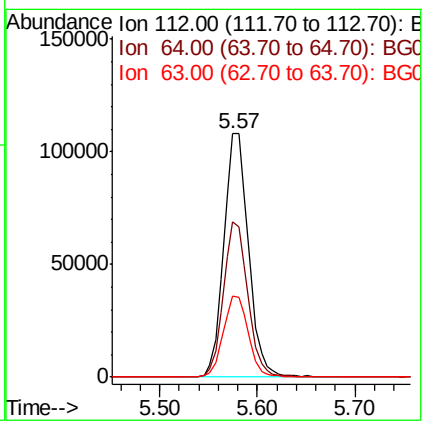


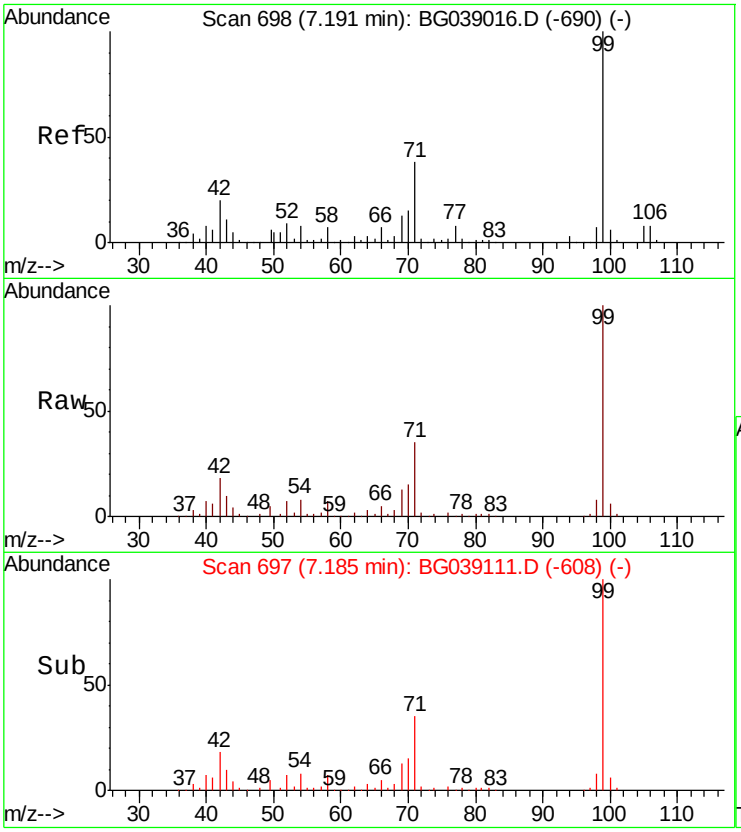


#5
2-Fluorophenol
Concen: 156.144 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.01 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Tgt Ion:112 Resp: 189622

Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.0	70.6
63	33.6	28.0	42.0



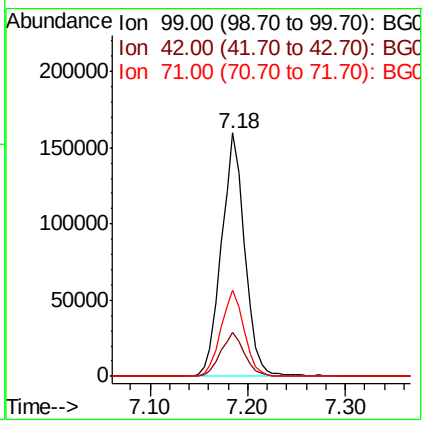


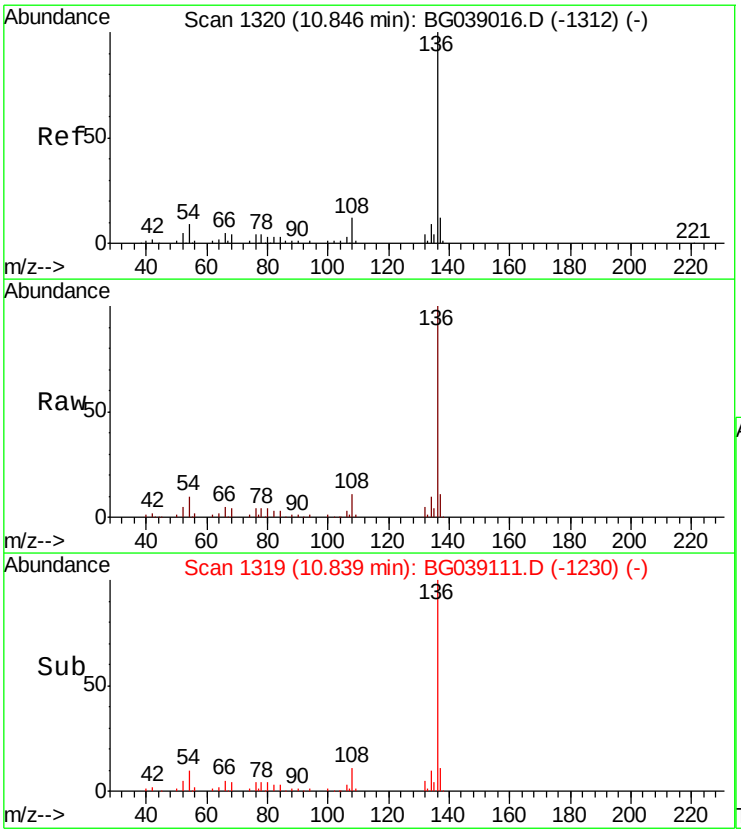
#7
Phenol-d6
Concen: 150.885 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-B

Tgt Ion: 99 Resp: 263700

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.8	23.6
71	35.1	30.2	45.4

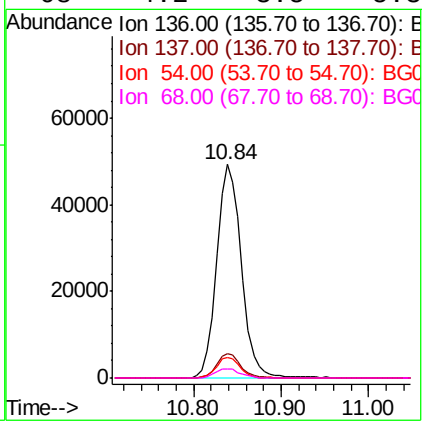


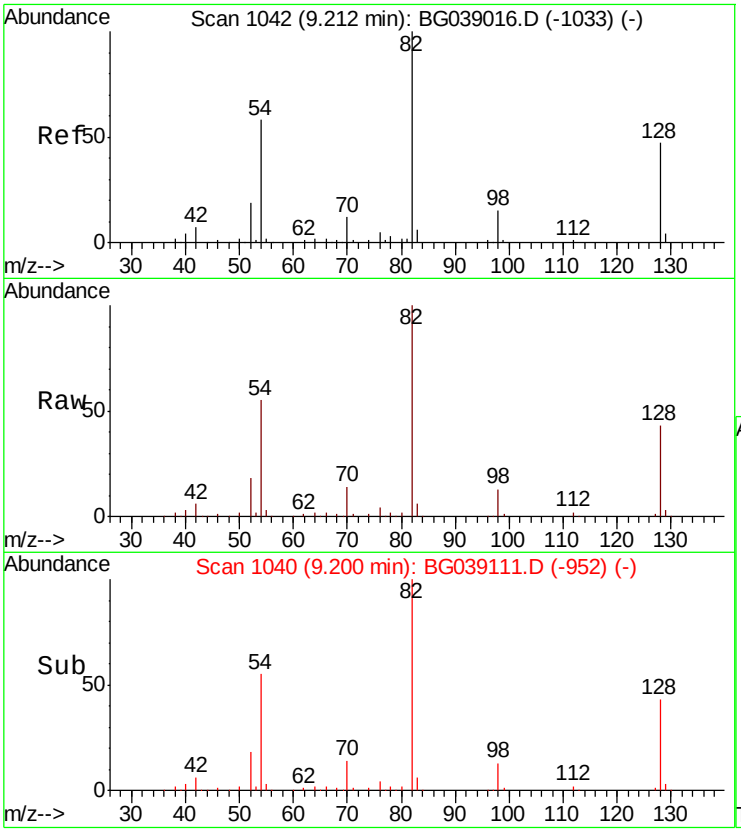


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Tgt Ion:136 Resp: 96096

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	9.7	7.2	10.8
68	4.2	3.5	5.3



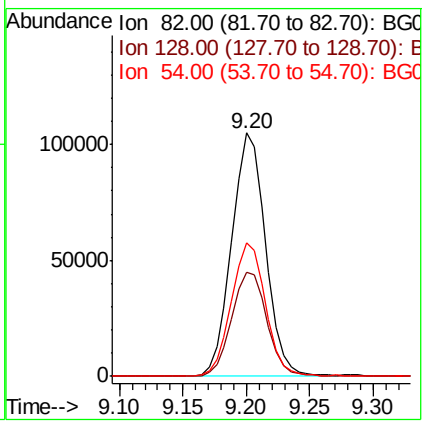


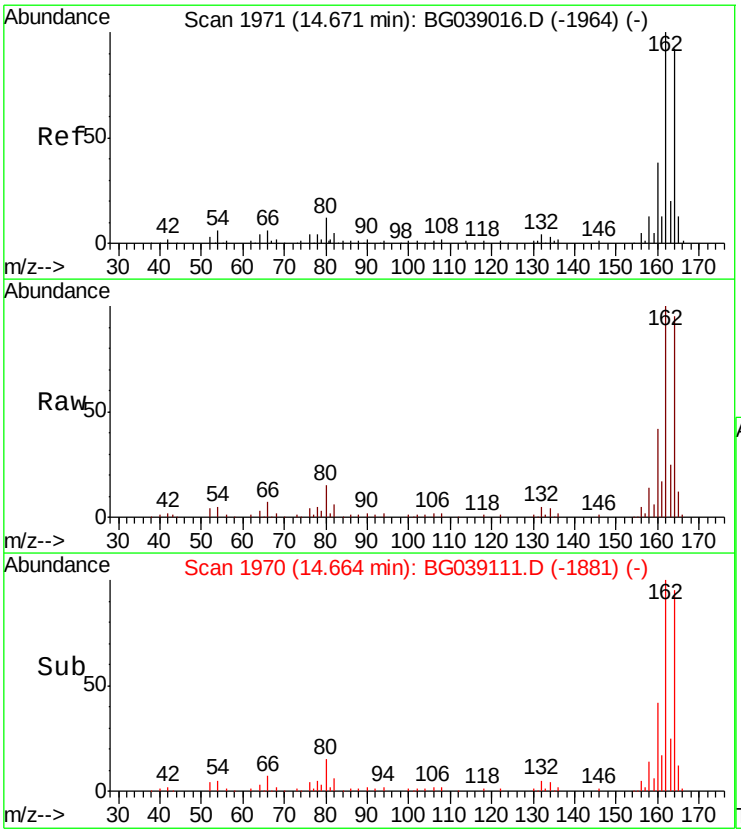
#23
Nitrobenzene-d5
Concen: 110.724 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-B

Tgt Ion: 82 Resp: 194449

Ion	Ratio	Lower	Upper
82	100		
128	42.5	37.3	55.9
54	54.6	46.4	69.6

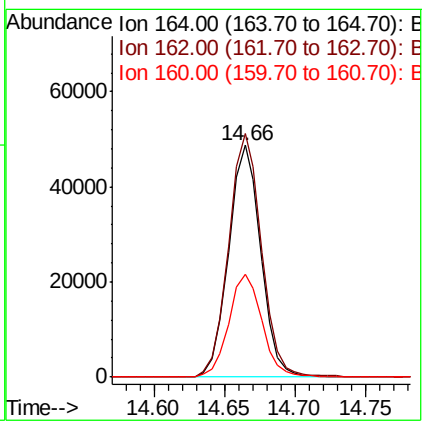


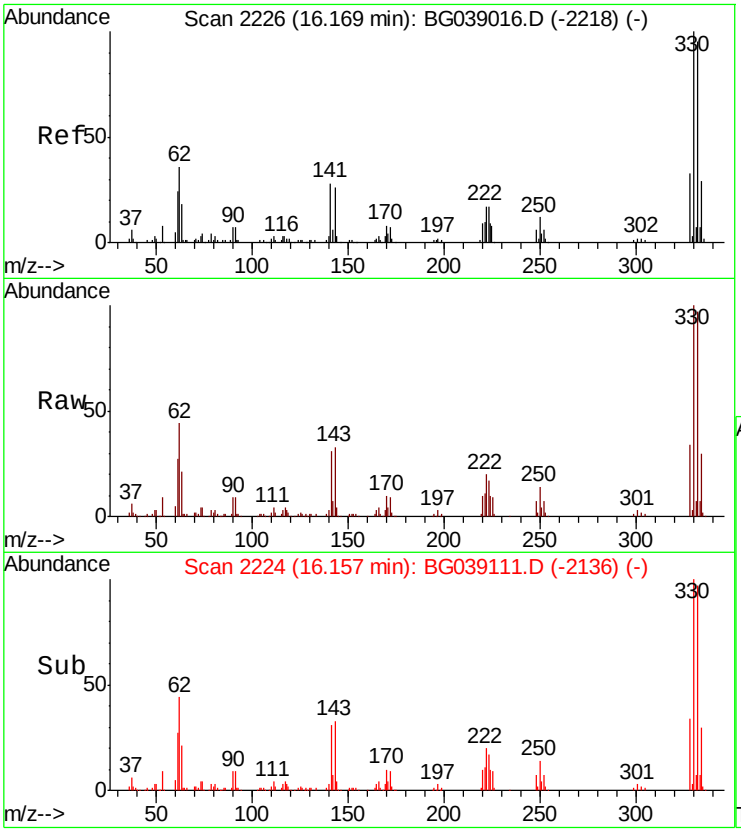


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Tgt Ion:164 Resp: 77232

Ion	Ratio	Lower	Upper
164	100		
162	105.1	87.2	130.8
160	44.4	33.3	49.9



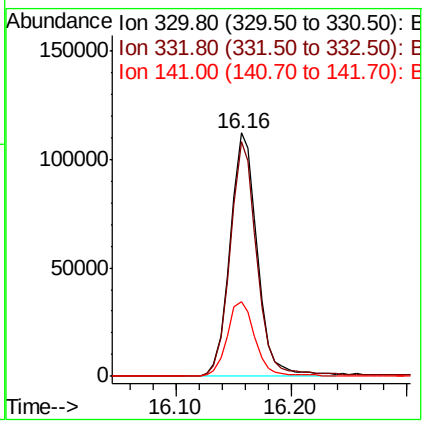


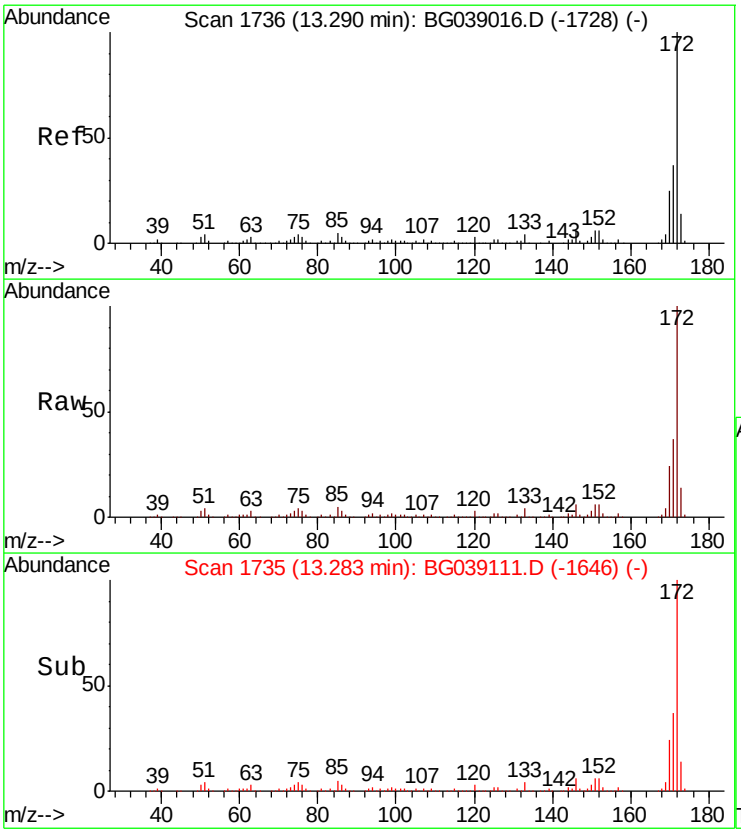
#42
2,4,6-Tribromophenol
Concen: 141.303 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-B

Tgt Ion:330 Resp: 182934

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	31.9	24.9	37.3

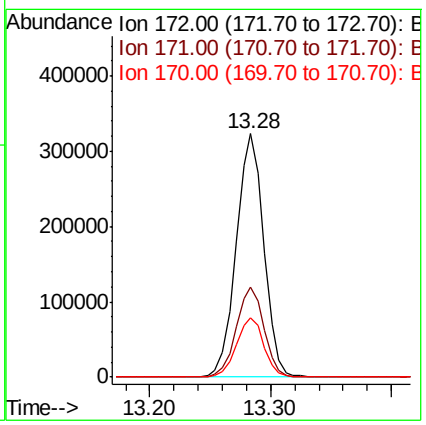


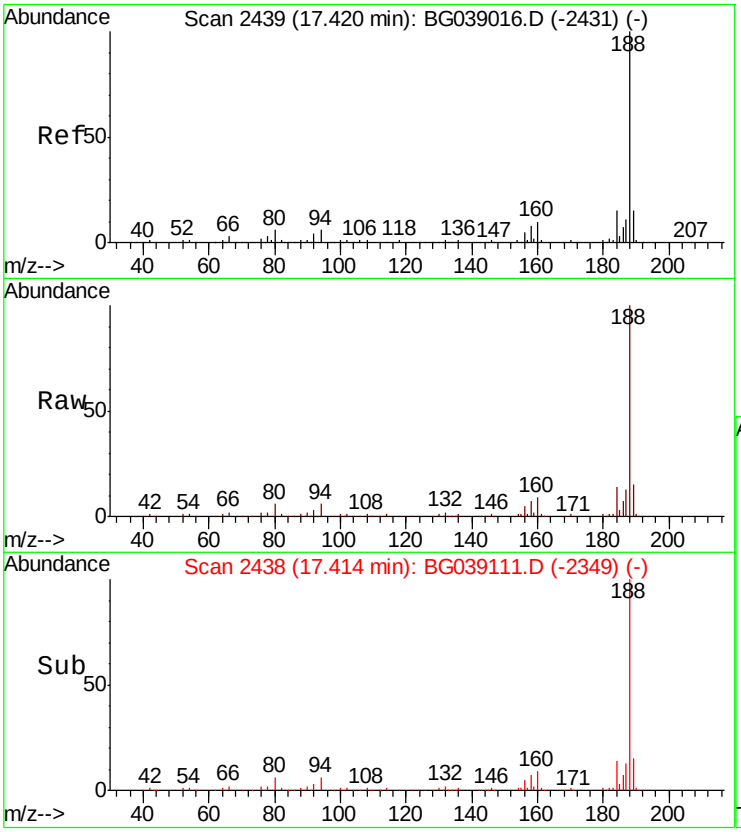


#45
2-Fluorobiphenyl
Concen: 91.114 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Tgt Ion:172 Resp: 514182

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.4	20.1	30.1



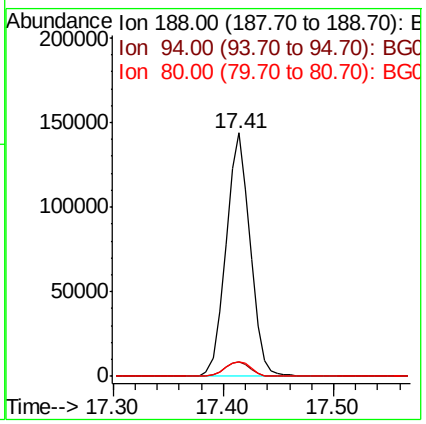


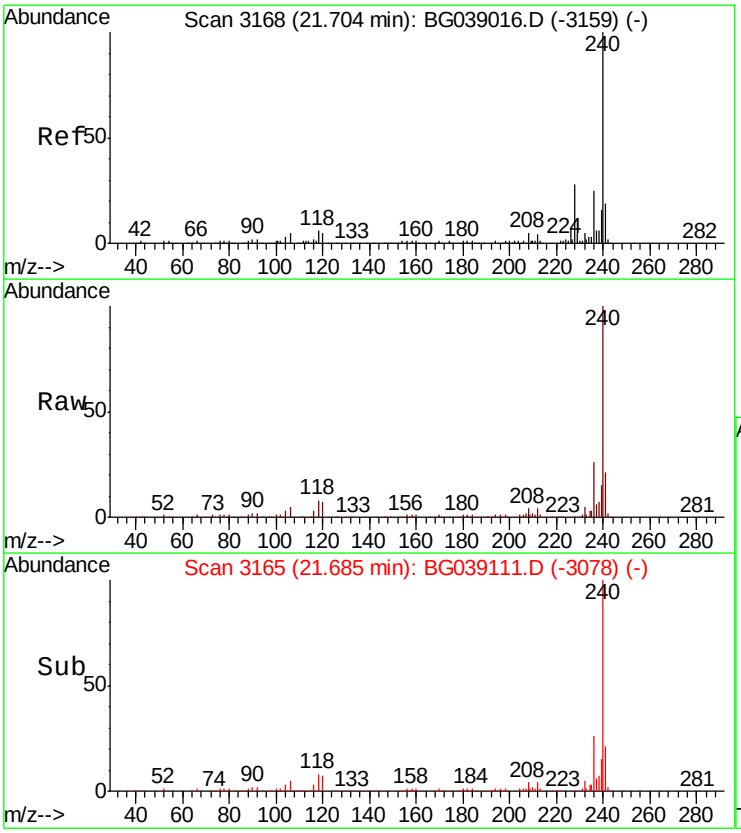
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-B

Tgt Ion:188 Resp: 220305

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.0	7.4
80	6.2	4.7	7.1

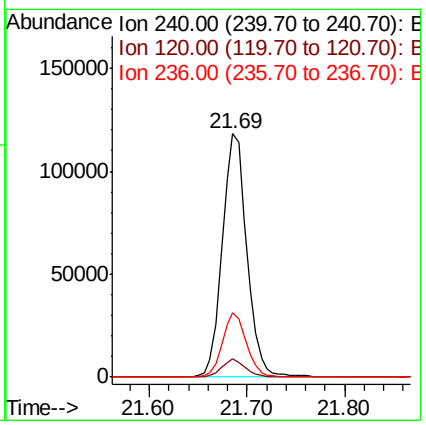


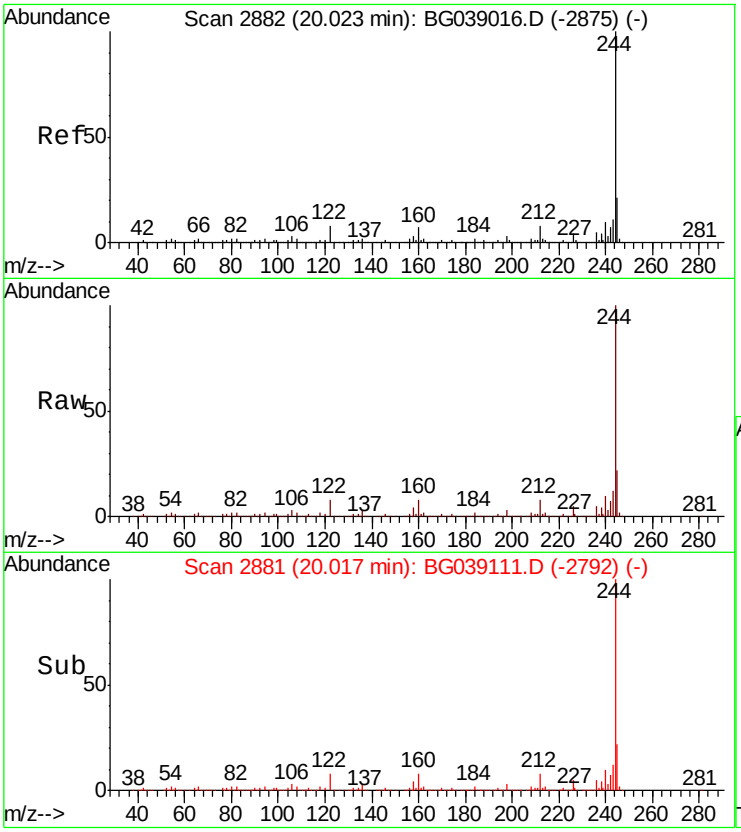


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Tgt Ion:240 Resp: 207140

Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.3	6.5#
236	26.3	20.1	30.1



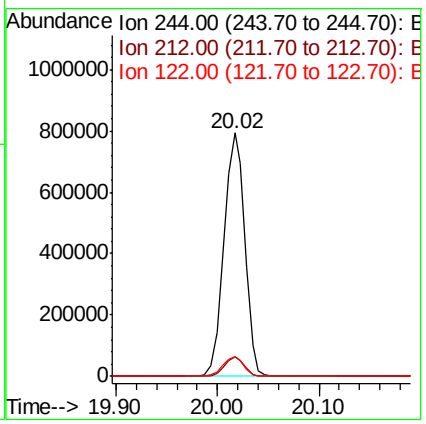


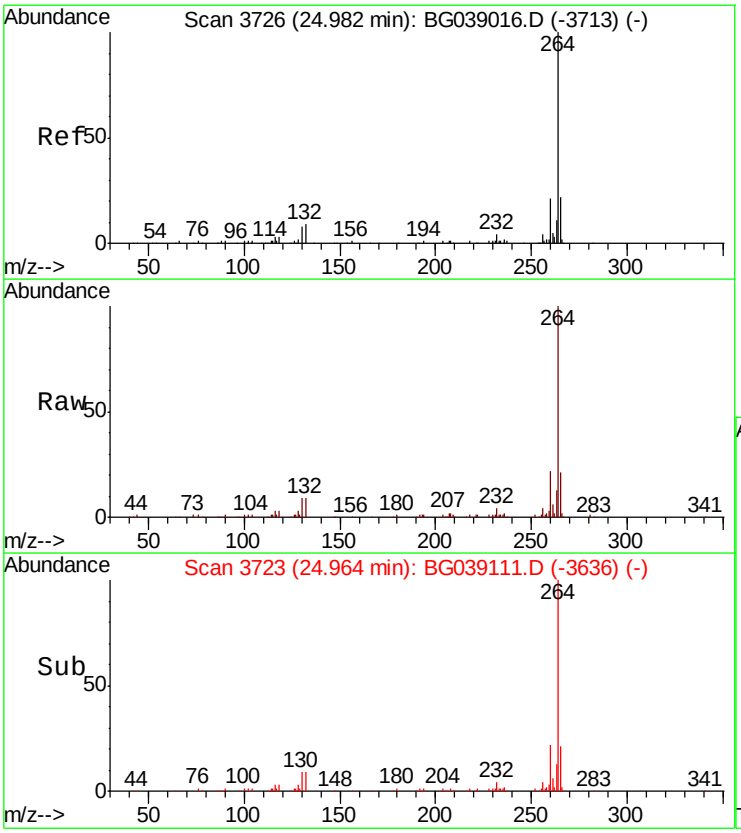
#79
Terphenyl-d14
Concen: 100.868 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-B

Tgt Ion:244 Resp: 1129463

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	7.9	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039111.D
Acq: 12 Jan 2019 9:49

Tgt Ion:264 Resp: 206484

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.0	25.6
265	21.2	17.2	25.8