Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039025.D
Acq On : 9 Jan 2019 17:51
Operator : JU/SJ
Sample : PB116258BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116258BL

Quant Time: Jan 10 04:38:32 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	8.03	152	17794	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	72117	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	53600	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	153350	20.00	ng	0.00
76) Chrysene-d12	21.70	240	188146	20.00	ng	0.00
87) Perylene-d12	24.98	264	191911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	83302	88.81	ng	0.00
7) Phenol-d6	7.19	99	114567	84.87	ng	0.00
23) Nitrobenzene-d5	9.21	82	66137	50.18	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	69578	77.44	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	201567	51.47	ng	0.00
79) Terphenyl-d14	20.02	244	512078	50.35	ng	0.00
Target Compounds						Qvalue

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

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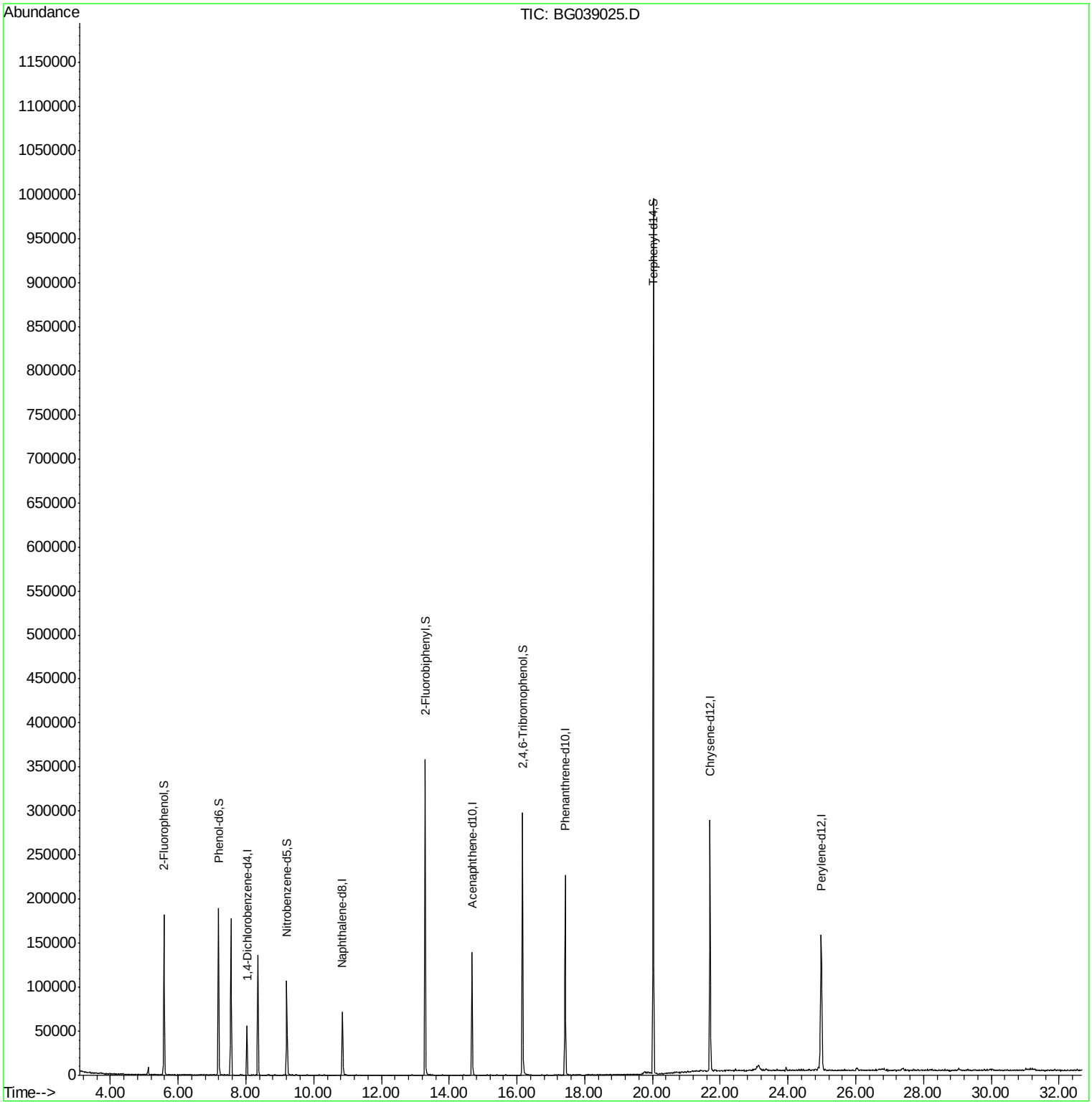
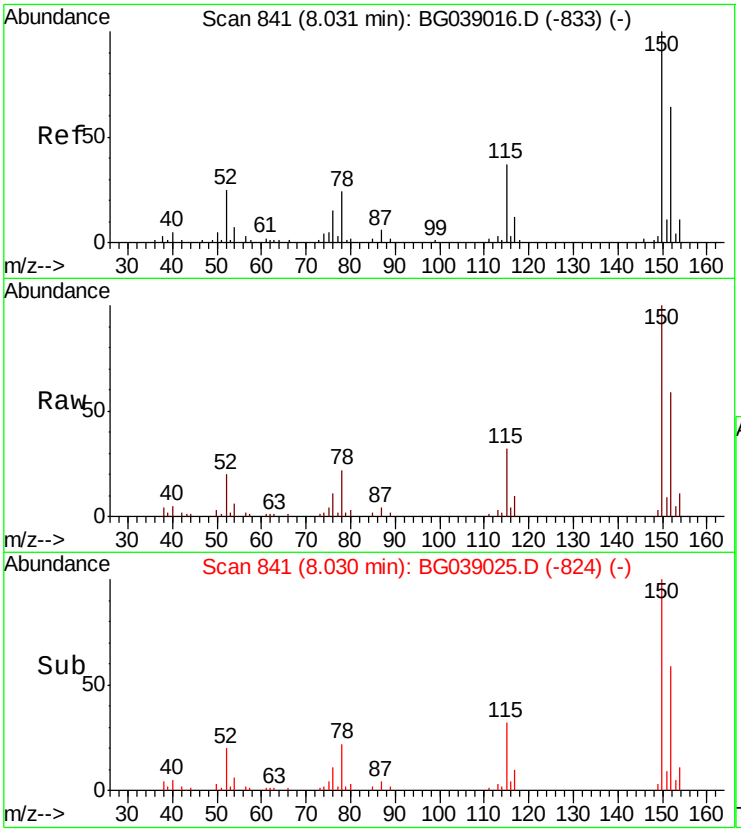


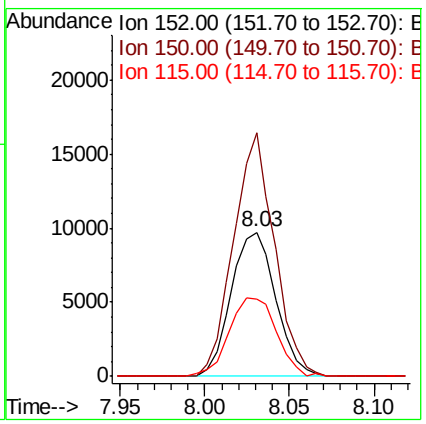


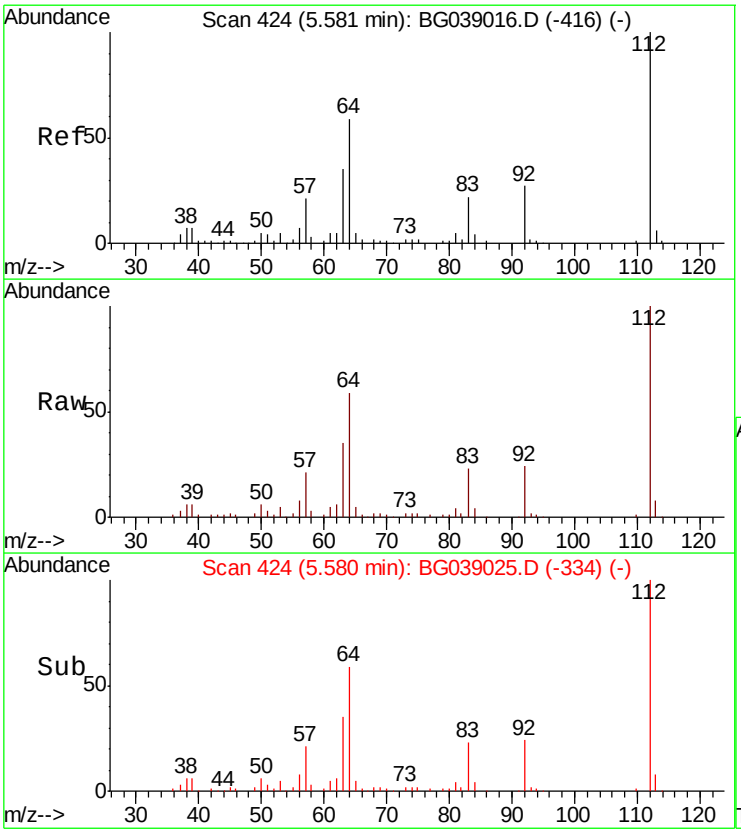
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
PB116258BL

Tgt Ion:152 Resp: 17794

Ion	Ratio	Lower	Upper
152	100		
150	168.8	124.7	187.1
115	53.5	46.5	69.7

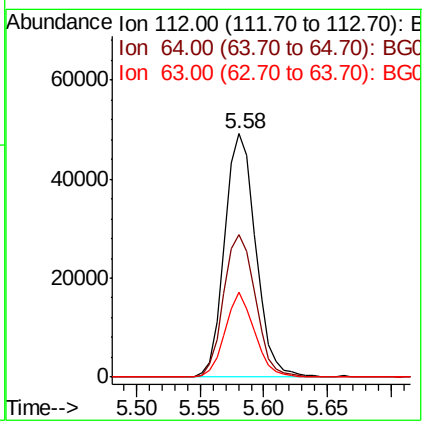


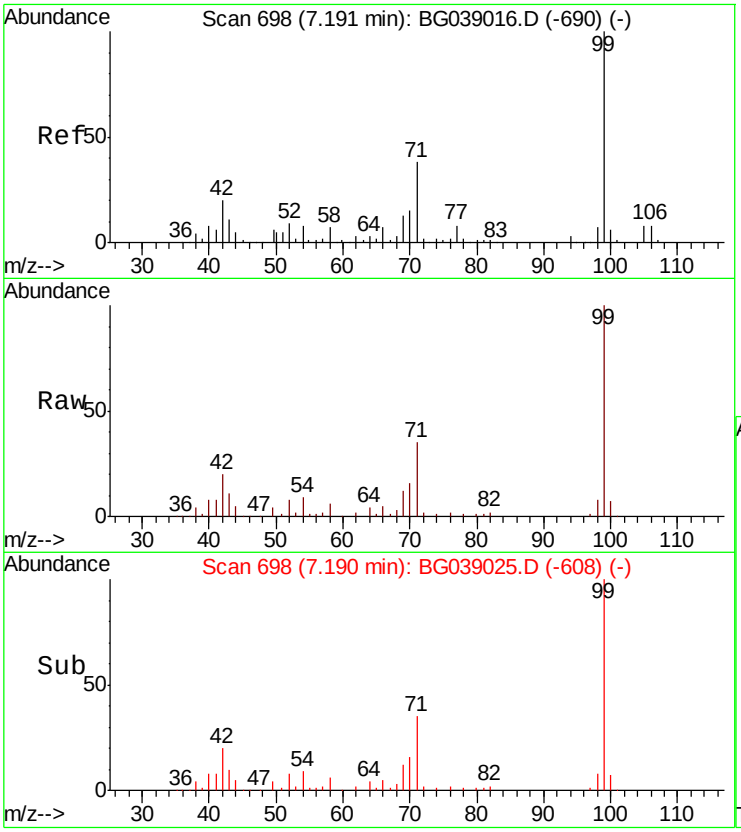


#5
2-Fluorophenol
Concen: 88.807 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Tgt Ion:112 Resp: 83302

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.0	70.6
63	35.1	28.0	42.0



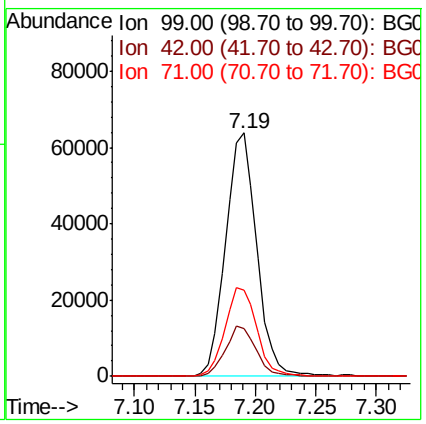


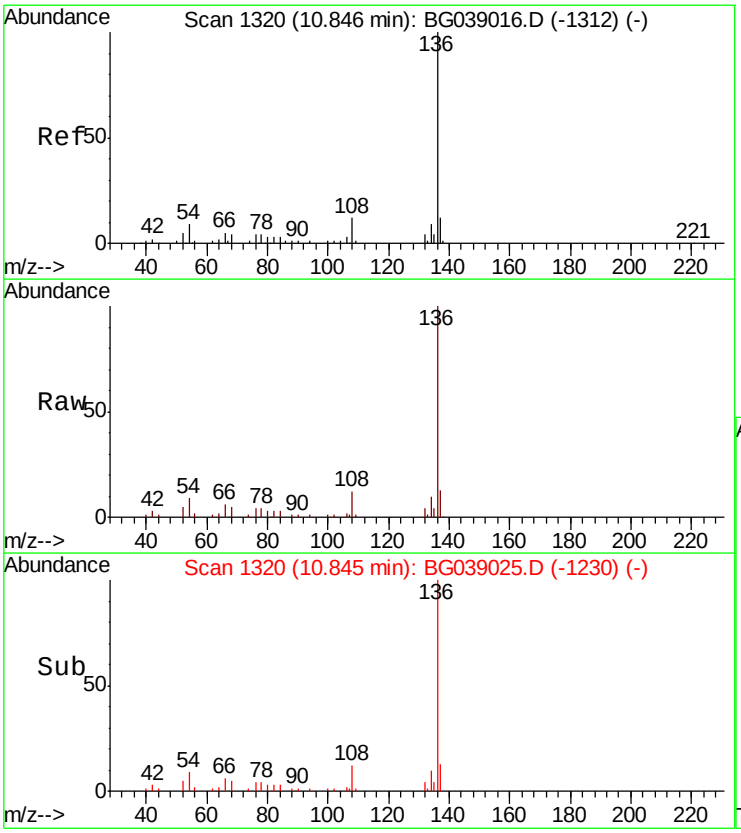
#7
Phenol-d6
Concen: 84.869 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
PB116258BL

Tgt Ion: 99 Resp: 114567

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.2	30.2	45.4

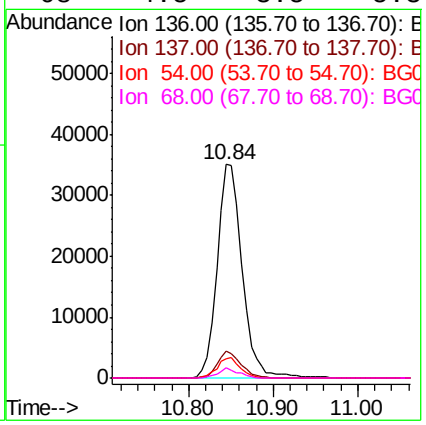


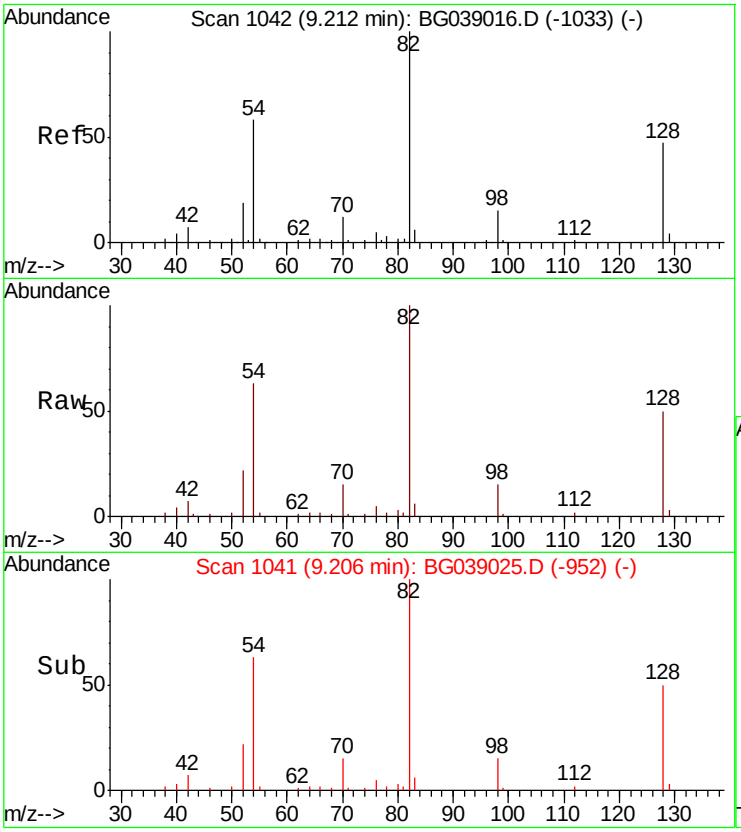


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Tgt Ion:136 Resp: 72117

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.4	14.2
54	8.9	7.2	10.8
68	4.5	3.5	5.3



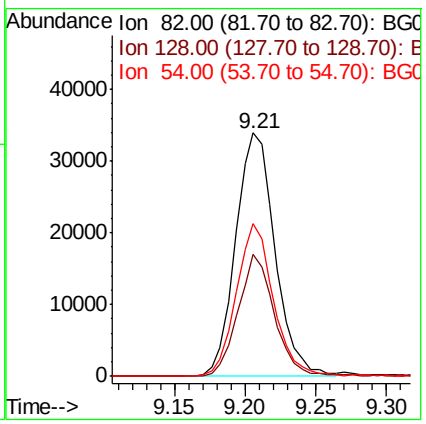


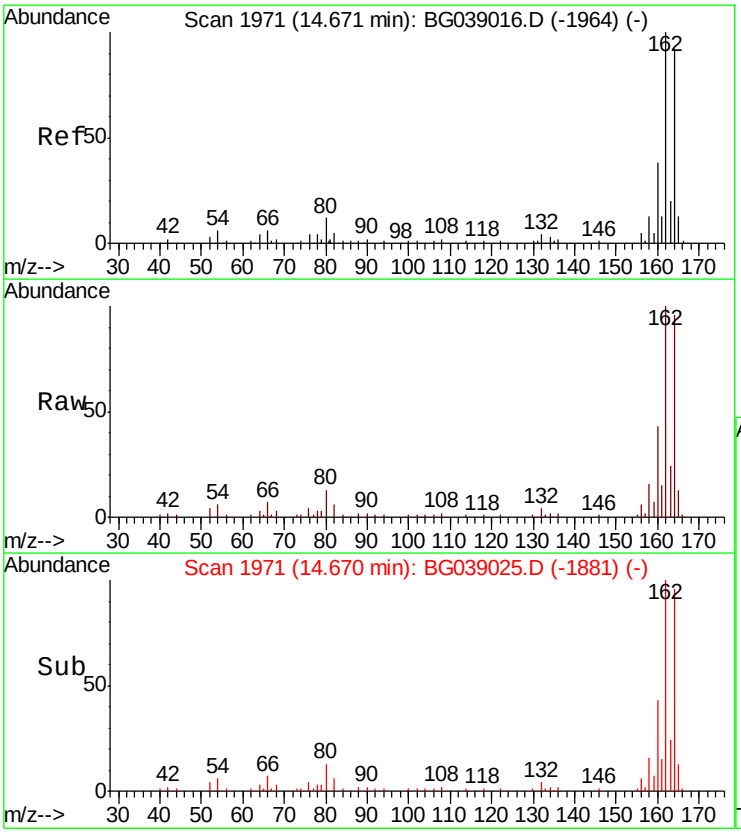
#23
Nitrobenzene-d5
Concen: 50.182 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
PB116258BL

Tgt Ion: 82 Resp: 66137

Ion	Ratio	Lower	Upper
82	100		
128	49.9	37.3	55.9
54	62.6	46.4	69.6

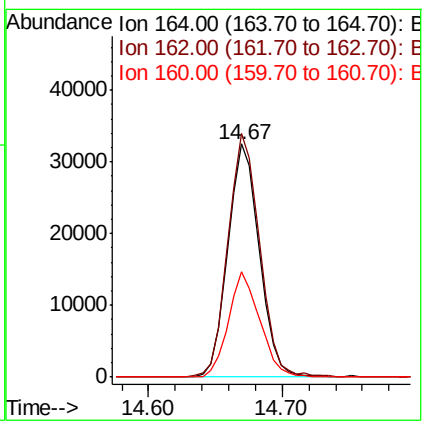


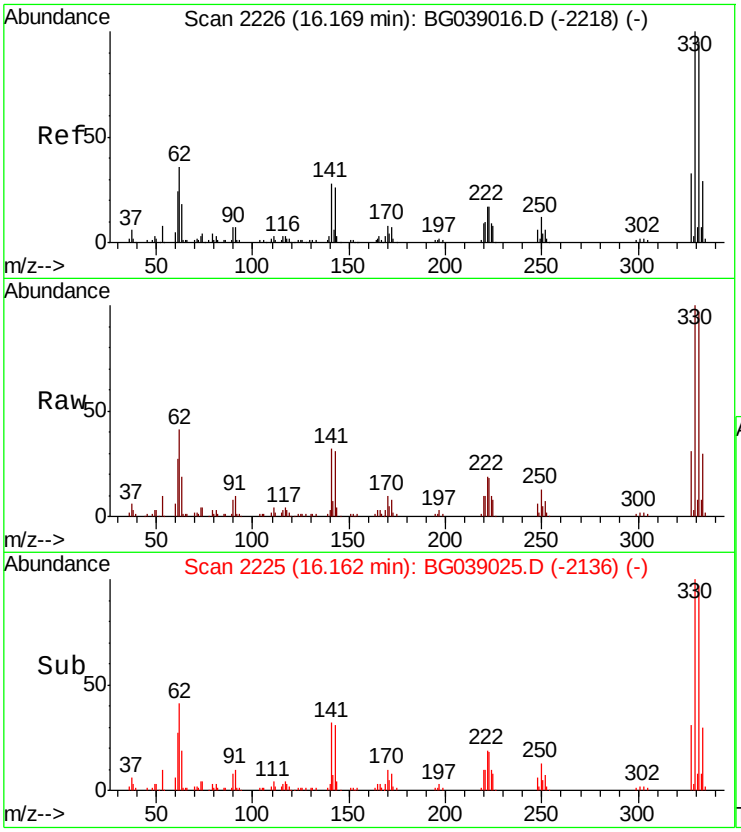


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Tgt Ion:164 Resp: 53600

Ion	Ratio	Lower	Upper
164	100		
162	104.4	87.2	130.8
160	45.4	33.3	49.9



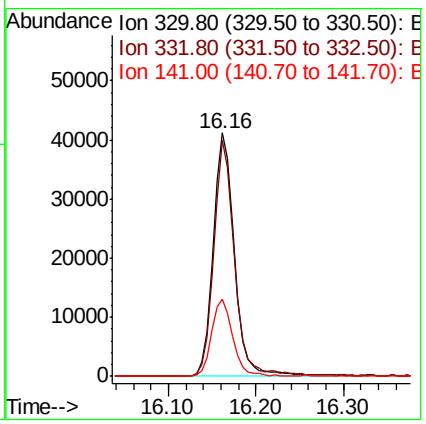


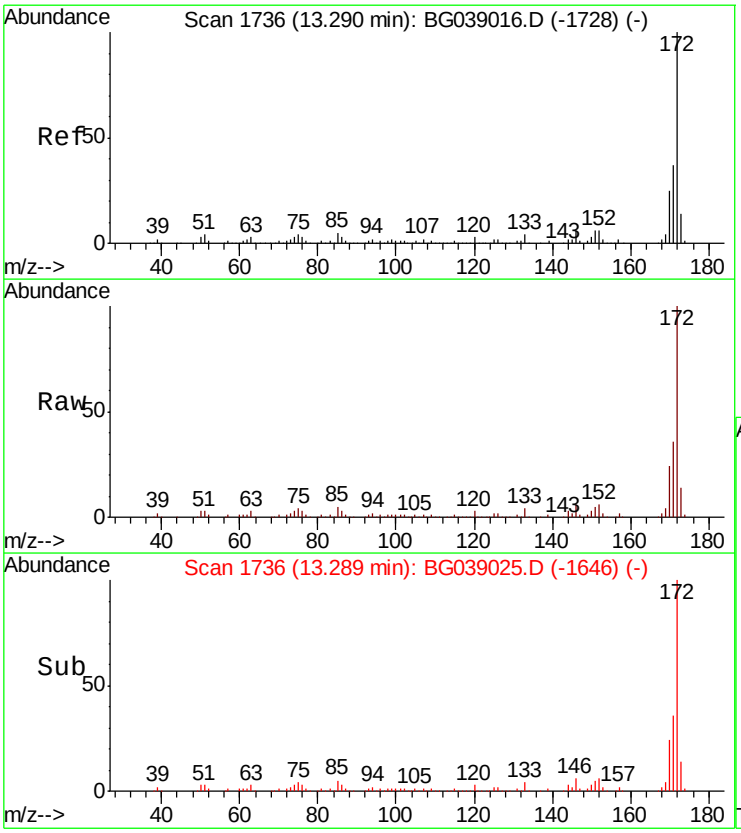
#42
2,4,6-Tribromophenol
Concen: 77.439 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
PB116258BL

Tgt Ion:330 Resp: 69578

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	31.3	24.9	37.3

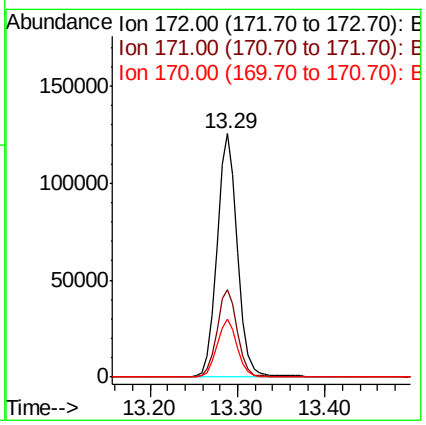


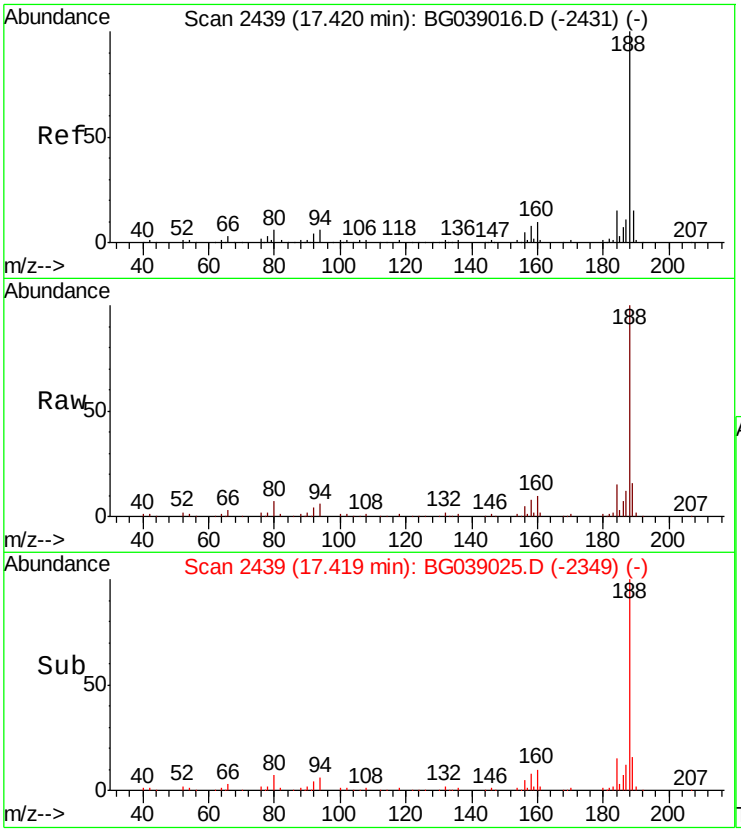


#45
2-Fluorobiphenyl
Concen: 51.466 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Tgt Ion:172 Resp: 201567

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.0	20.1	30.1



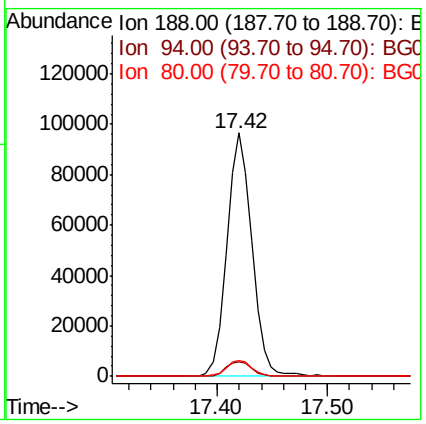


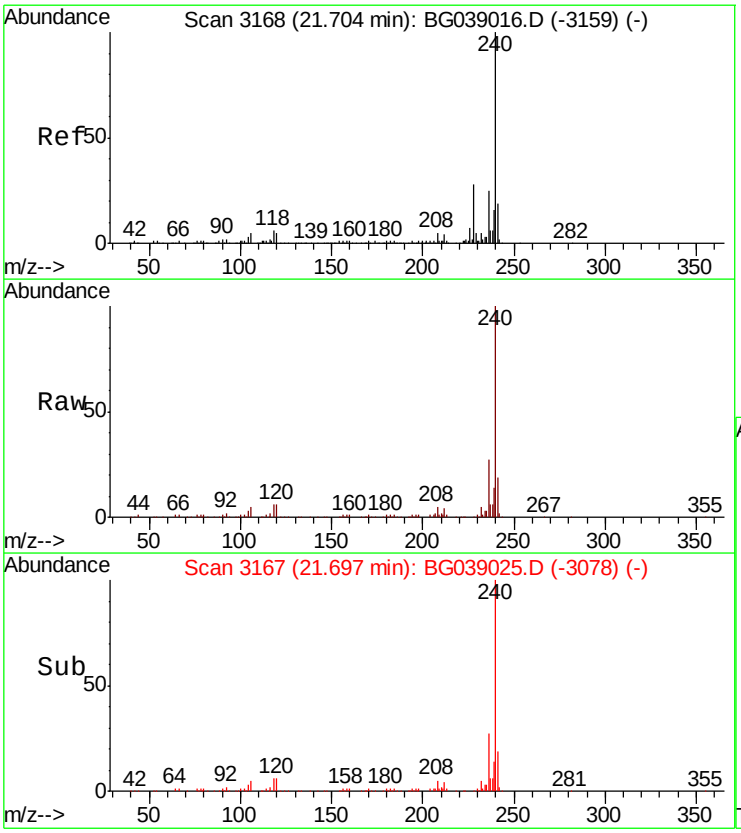
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
PB116258BL

Tgt Ion:188 Resp: 153350

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.0	7.4
80	6.6	4.7	7.1

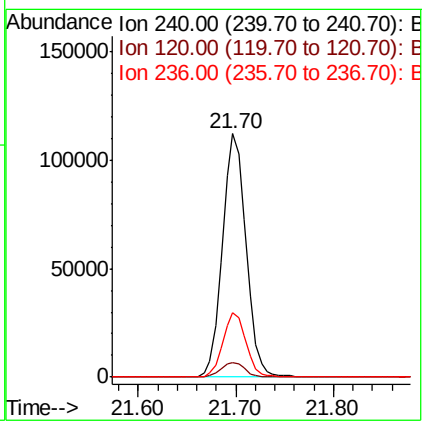


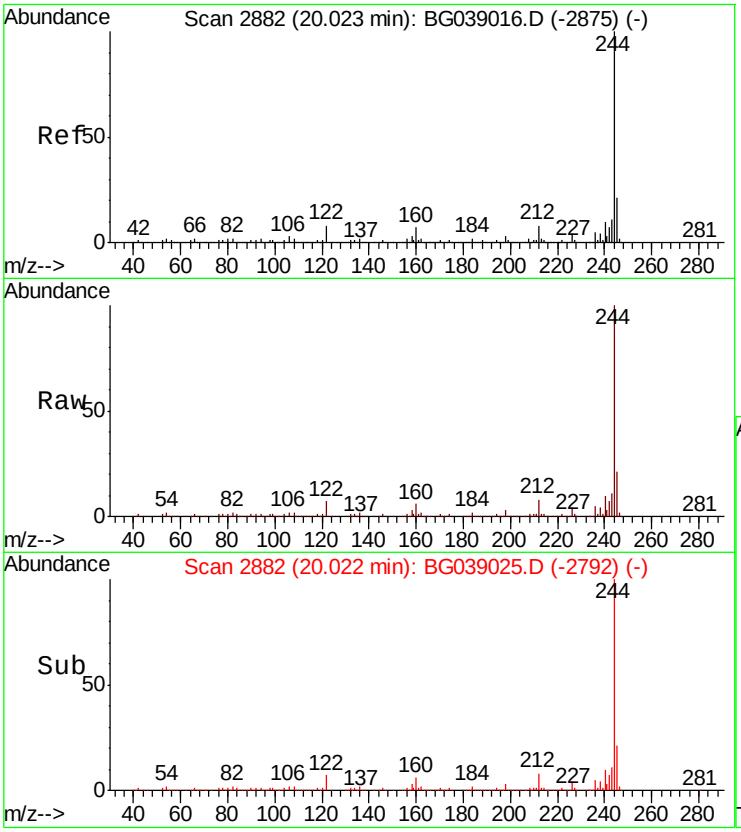


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Tgt Ion:240 Resp: 188146

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.3	6.5
236	26.5	20.1	30.1



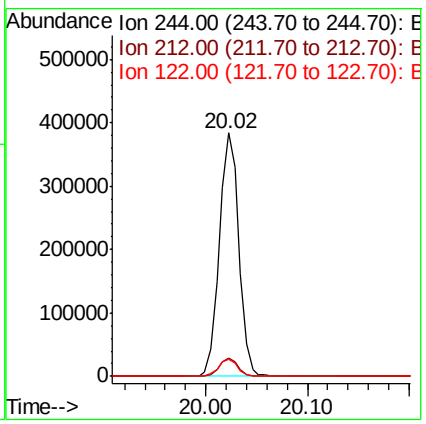


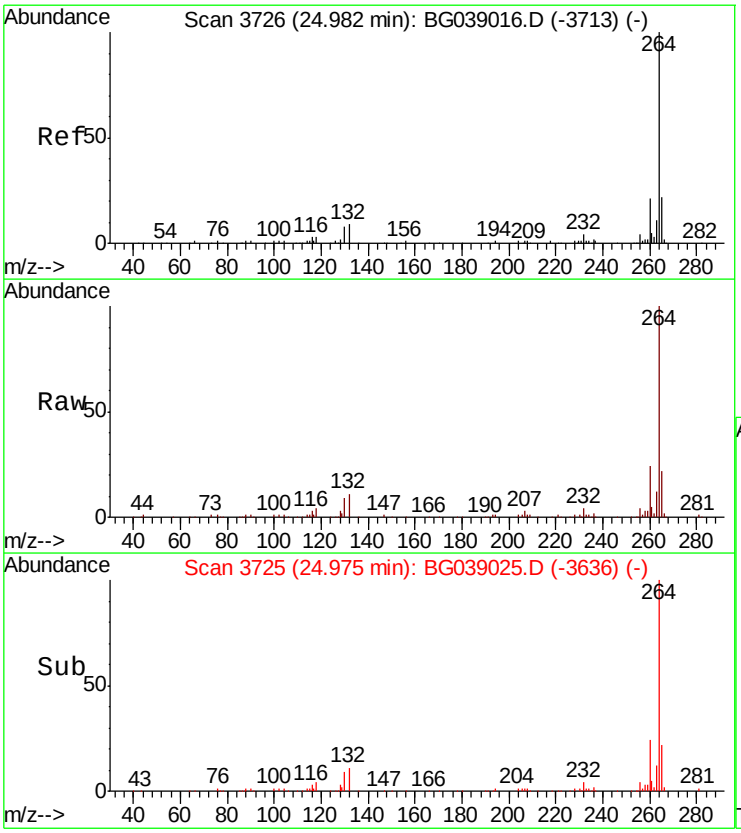
#79
Terphenyl-d14
Concen: 50.349 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
PB116258BL

Tgt Ion:244 Resp: 512078

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	7.0	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039025.D
Acq: 9 Jan 2019 17:51

Tgt Ion:264 Resp: 191911

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.0	25.6
265	22.0	17.2	25.8