Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040737.D
Acq On : 3 May 2019 22:55
Operator : JU/SJ
Sample : K2647-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-050219-B

Quant Time: May 05 23:43:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40038	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	160775	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	121263	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	355216	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	360969	20.00	ng	-0.02
87) Perylene-d12	25.16	264	364682	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	393356	173.18	ng	0.00
7) Phenol-d6	7.28	99	533253	152.48	ng	-0.01
23) Nitrobenzene-d5	9.32	82	449752	129.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	314408	188.63	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	1010602	120.36	ng	-0.02
79) Terphenyl-d14	20.12	244	2010390	123.39	ng	-0.02
Target Compounds						Qvalue

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

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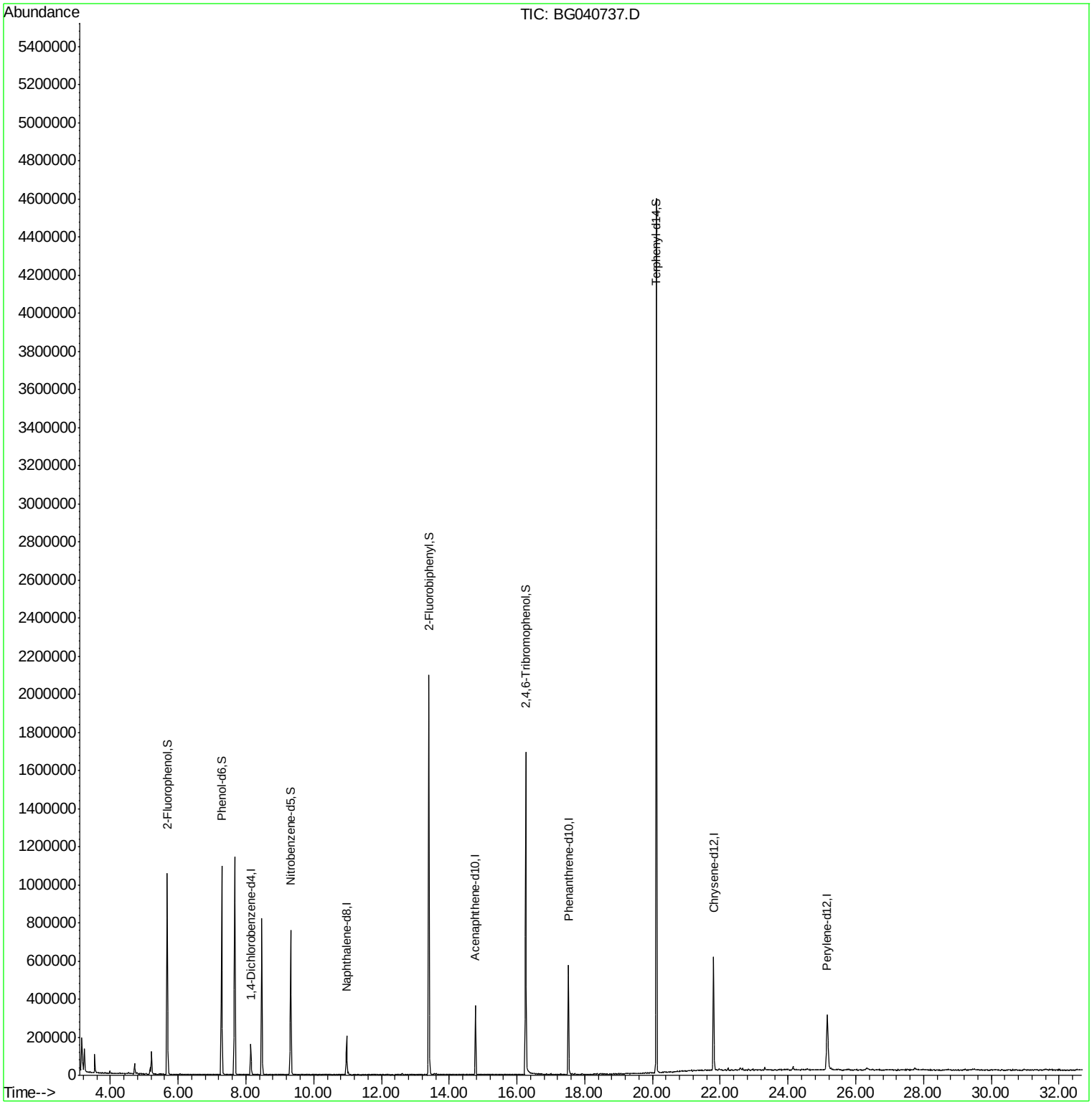
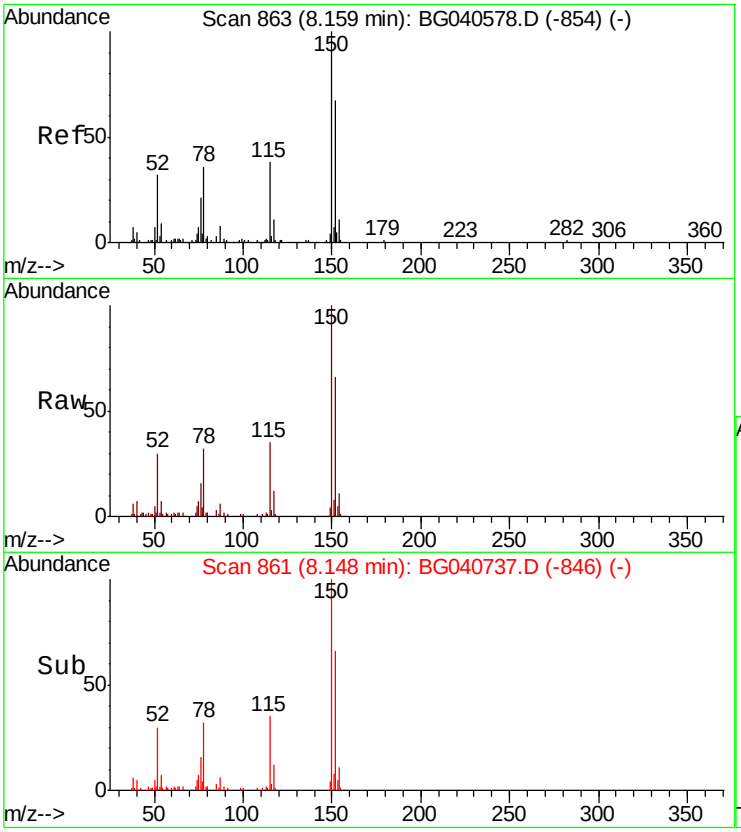


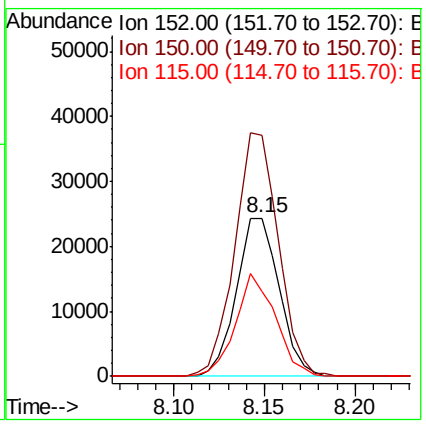


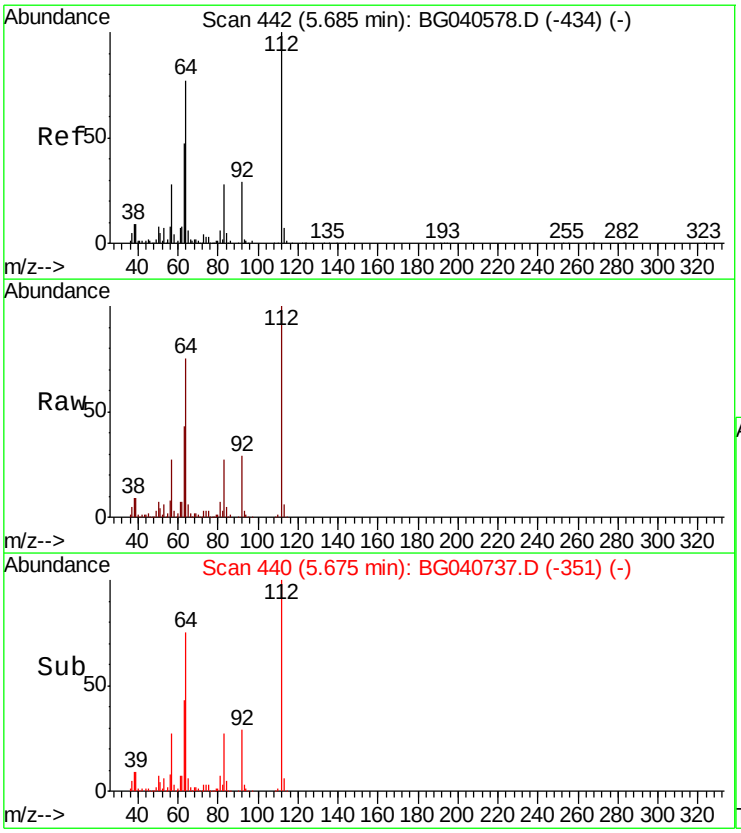
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SU-04-050219-B

Tgt Ion:152 Resp: 40038

Ion	Ratio	Lower	Upper
152	100		
150	152.0	120.2	180.2
115	53.5	46.2	69.2

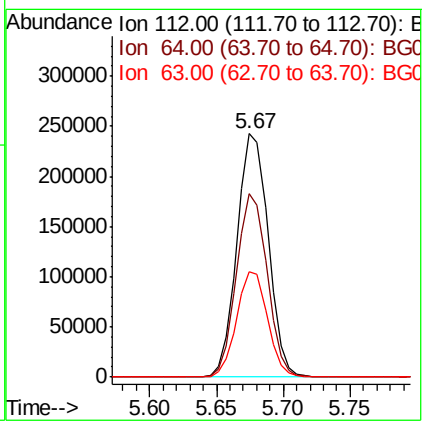


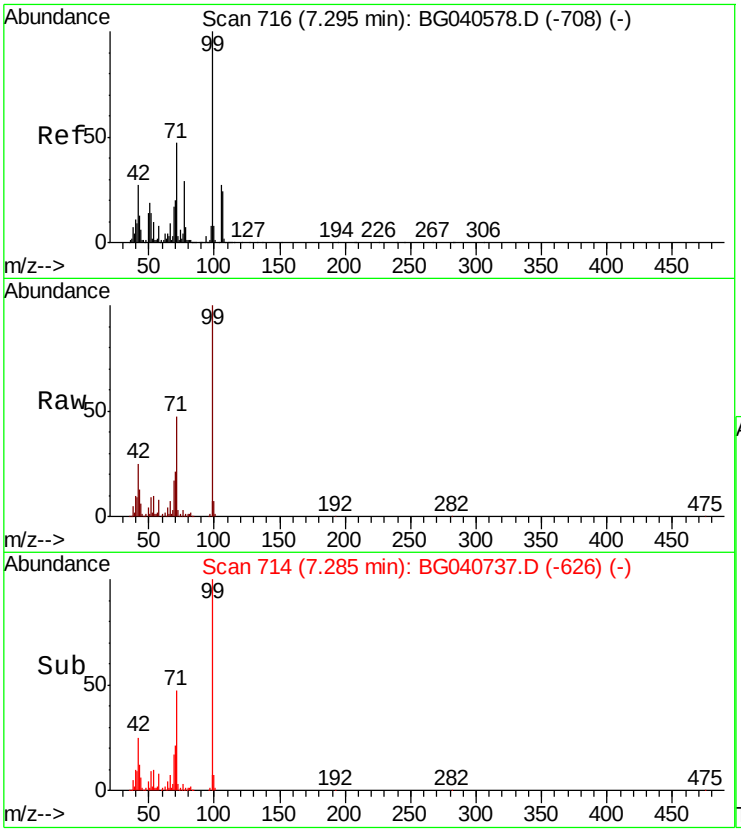


#5
2-Fluorophenol
Concen: 173.184 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Tgt Ion:112 Resp: 393356

Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.4	92.0
63	43.0	37.8	56.6



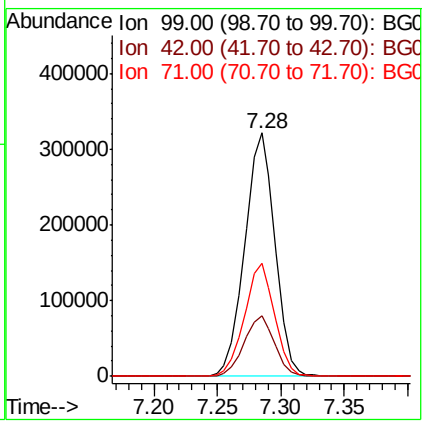


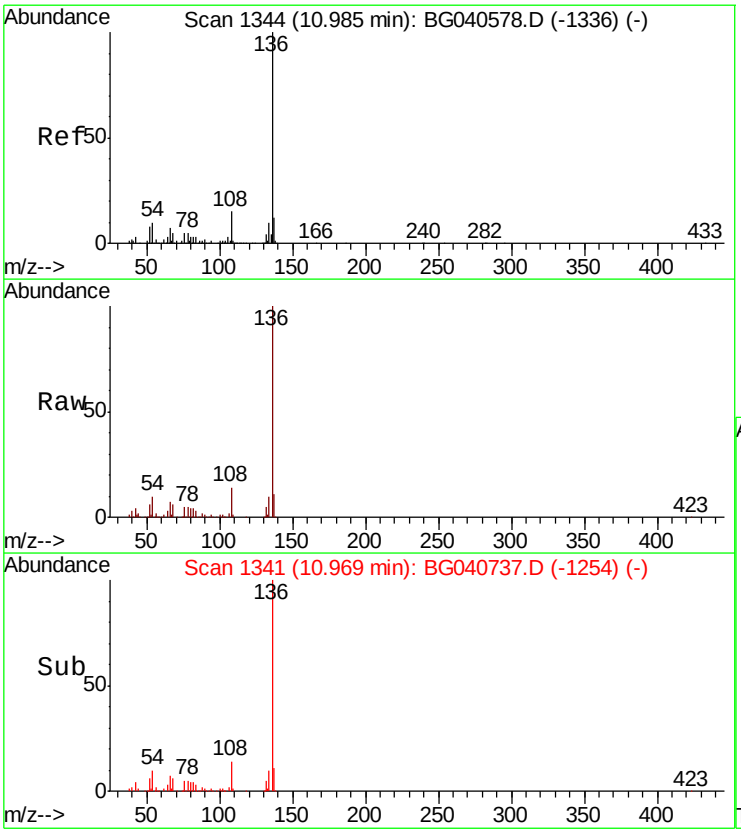
#7
Phenol-d6
Concen: 152.481 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SU-04-050219-B

Tgt Ion: 99 Resp: 533253

Ion	Ratio	Lower	Upper
99	100		
42	24.9	21.8	32.8
71	46.6	38.6	57.8

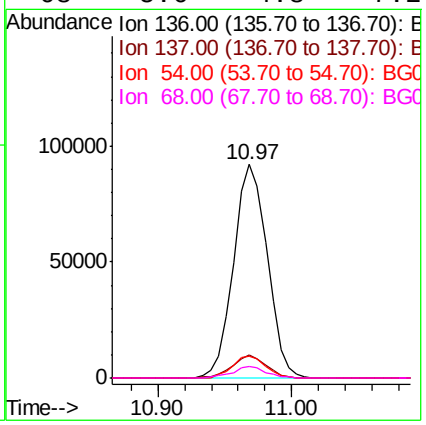


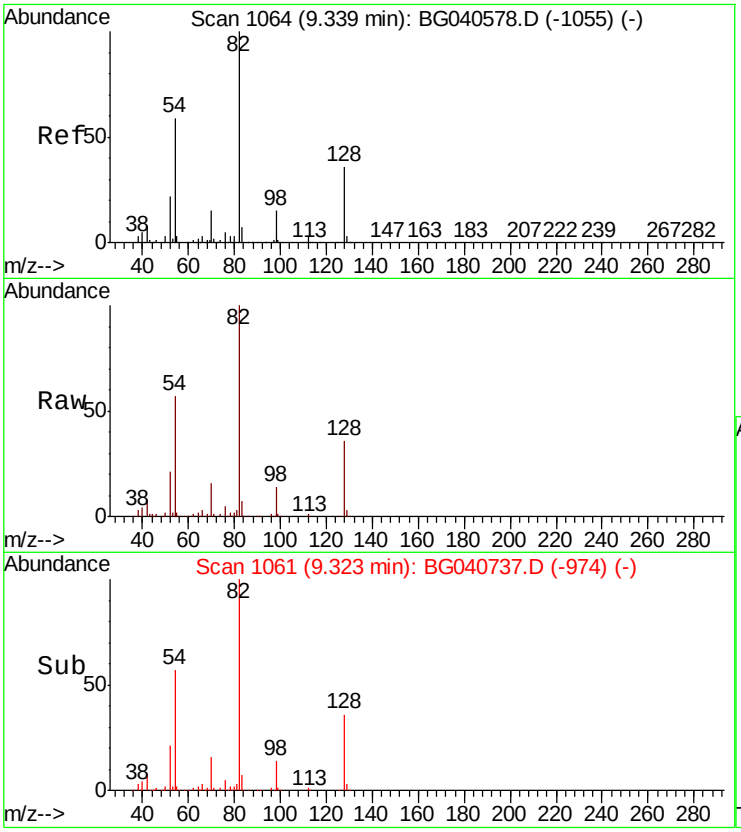


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Tgt Ion:136 Resp: 160775

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.7	14.5
54	9.9	8.6	12.8
68	5.6	4.8	7.2



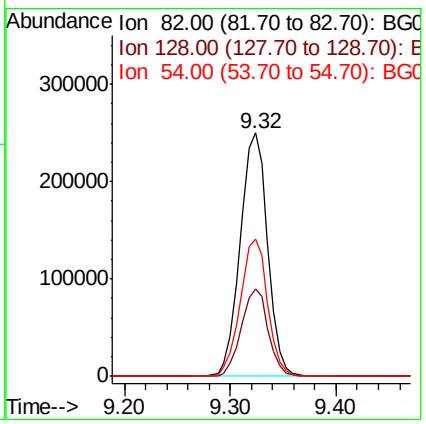


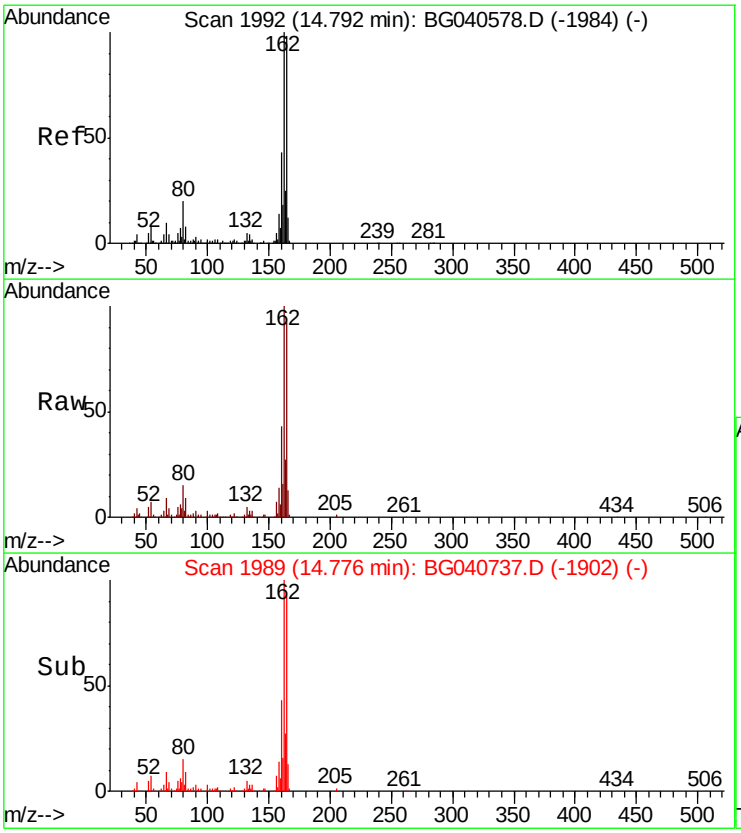
#23
Nitrobenzene-d5
Concen: 129.257 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SU-04-050219-B

Tgt Ion: 82 Resp: 449752

Ion	Ratio	Lower	Upper
82	100		
128	36.0	28.9	43.3
54	56.7	47.2	70.8

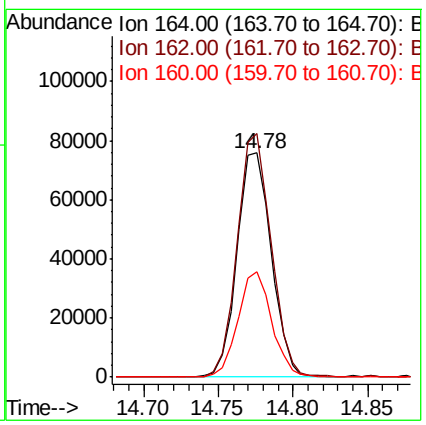


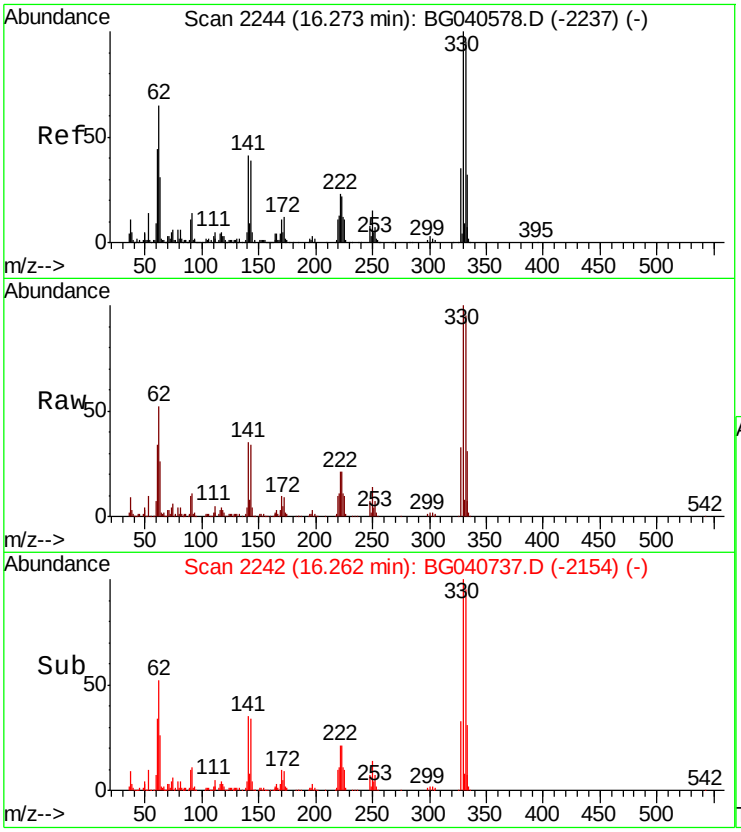


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Tgt Ion:164 Resp: 121263

Ion	Ratio	Lower	Upper
164	100		
162	108.7	81.9	122.9
160	46.8	35.4	53.2



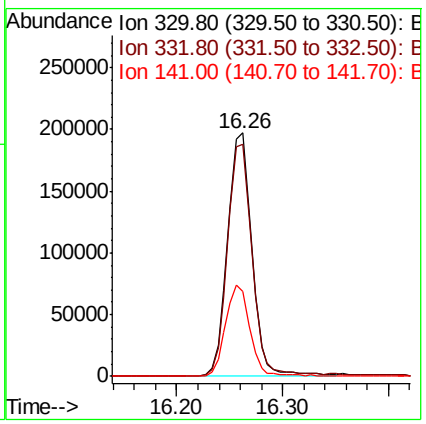


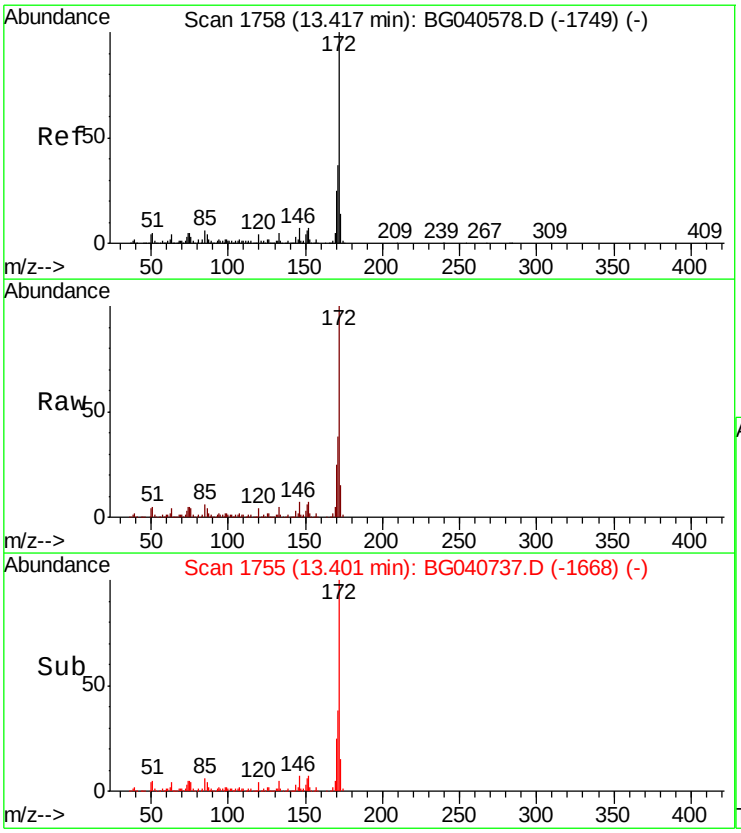
#42
2,4,6-Tribromophenol
Concen: 188.631 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SU-04-050219-B

Tgt Ion:330 Resp: 314408

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.9	113.9
141	37.8	32.4	48.6

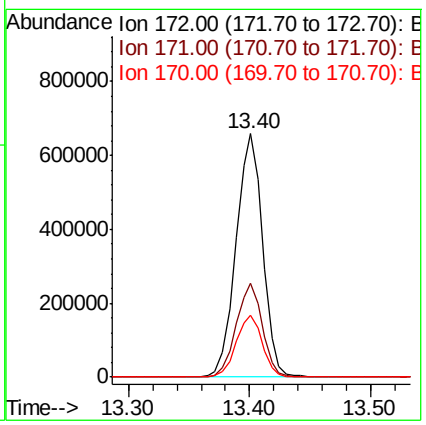


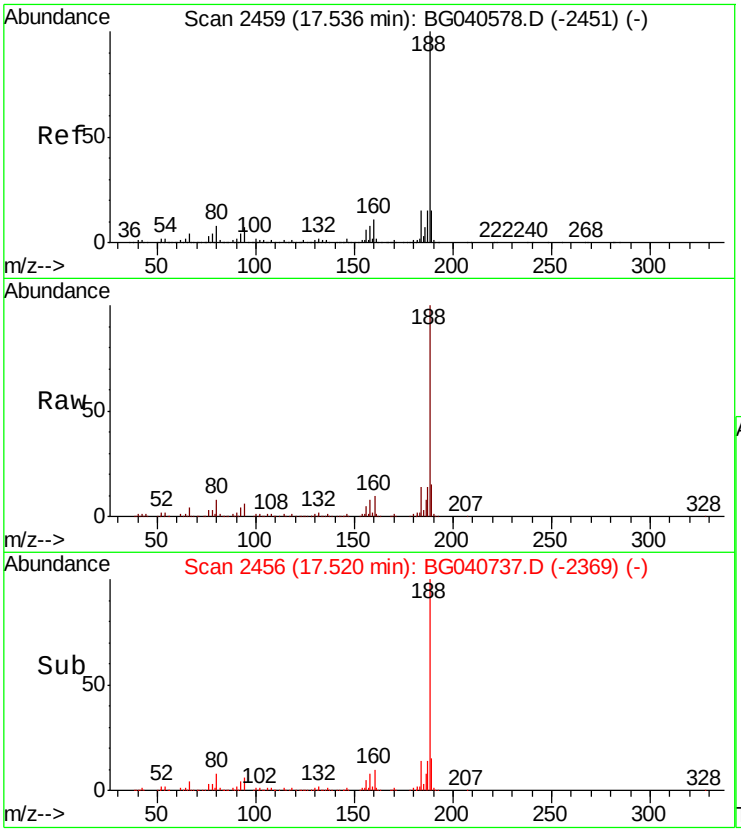


#45
2-Fluorobiphenyl
Concen: 120.359 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Tgt Ion:172 Resp: 1010602

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	25.3	19.9	29.9



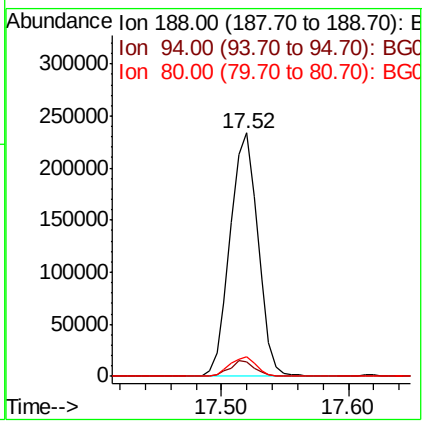


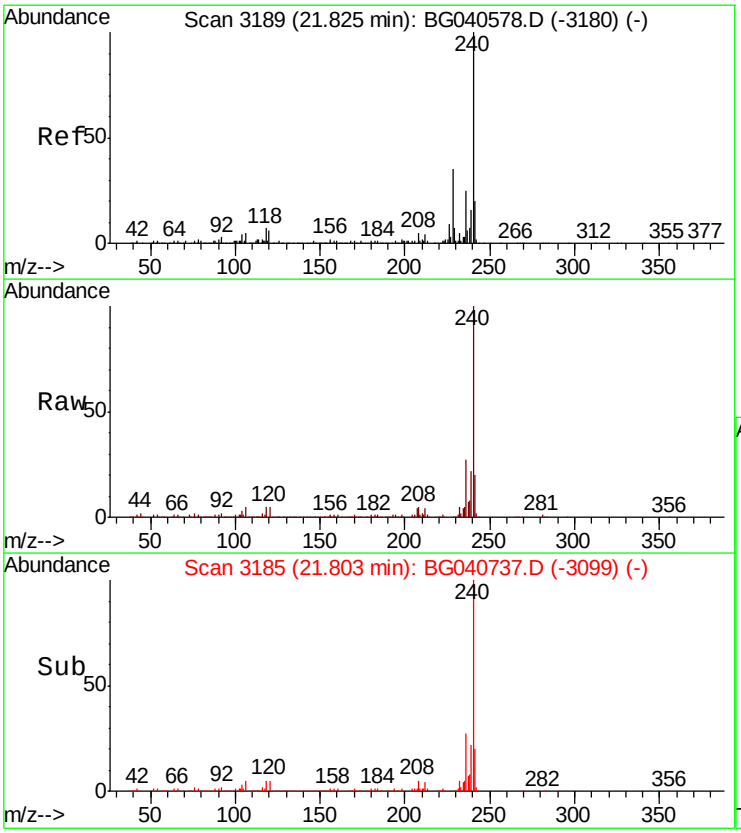
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SU-04-050219-B

Tgt Ion:188 Resp: 355216

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.6	8.4
80	8.0	6.4	9.6

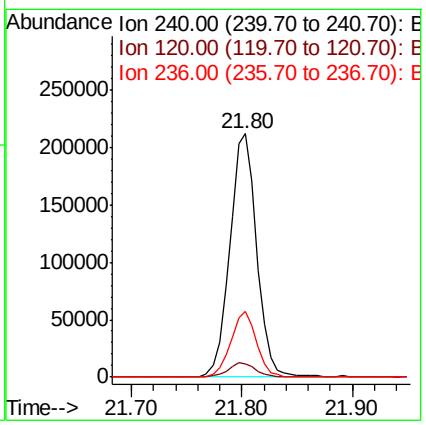


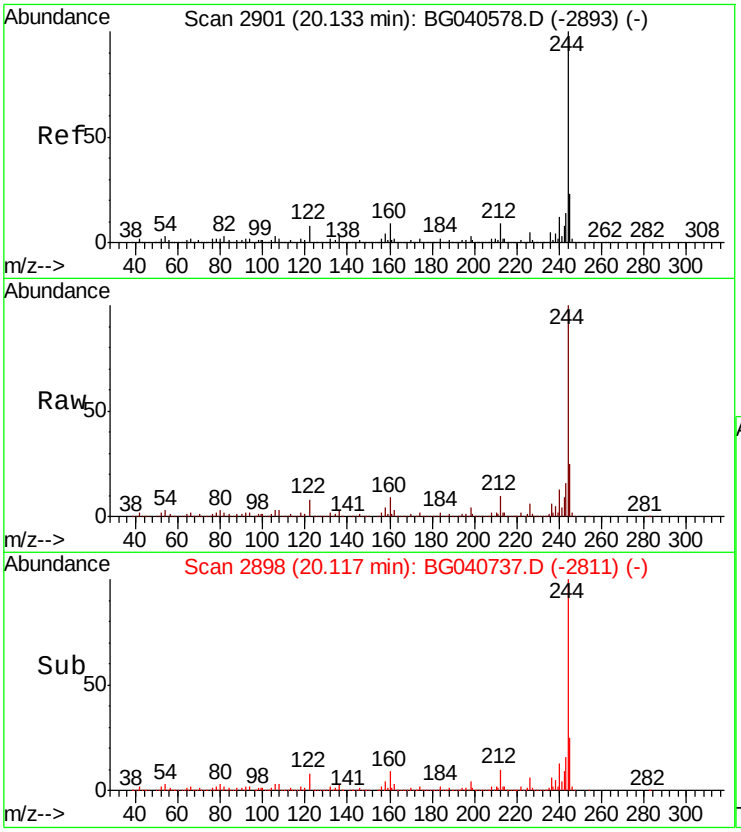


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.02 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Tgt Ion:240 Resp: 360969

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.6
236	27.2	20.3	30.5



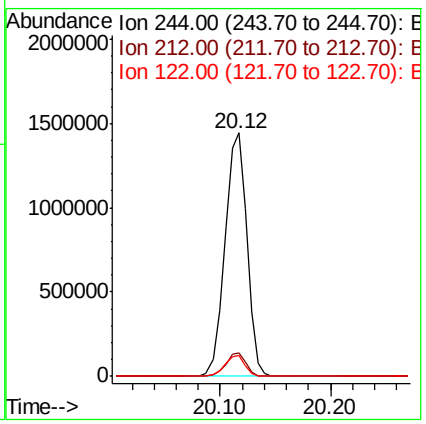


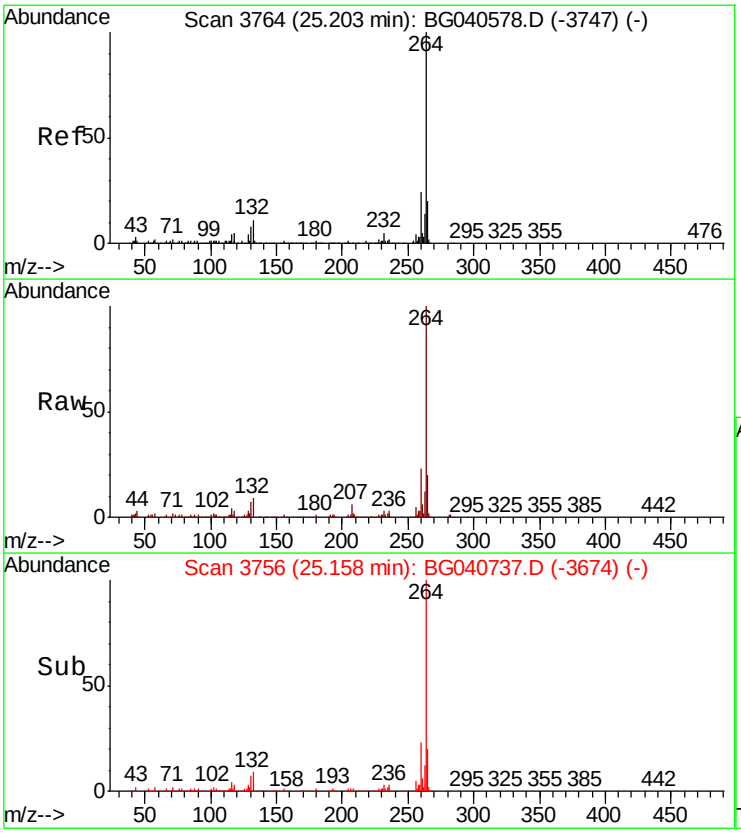
#79
Terphenyl-d14
Concen: 123.386 ng
RT: 20.12 min Scan# 2898
Delta R.T. -0.02 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Instrument :
BNA_G
ClientSampleId :
SU-04-050219-B

Tgt Ion:244 Resp: 2010390

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.2	10.8
122	8.4	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040737.D
Acq: 3 May 2019 22:55

Tgt Ion:264 Resp: 364682

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.3	16.6	25.0