Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040886.D
Acq On : 11 May 2019 23:01
Operator : HP/JU
Sample : K2769-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-190507

Quant Time: May 13 04:21:12 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	8.13	152	51606	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	204158	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	155540	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	431017	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	443234	20.00	ng	-0.04
87) Perylene-d12	25.13	264	471512	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	182803	62.44	ng	-0.02
7) Phenol-d6	7.27	99	171856	38.13	ng	-0.02
23) Nitrobenzene-d5	9.31	82	413662	93.62	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	369643	172.90	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	995479	92.43	ng	-0.03
79) Terphenyl-d14	20.10	244	1937016	96.82	ng	-0.03
Target Compounds						Qvalue

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

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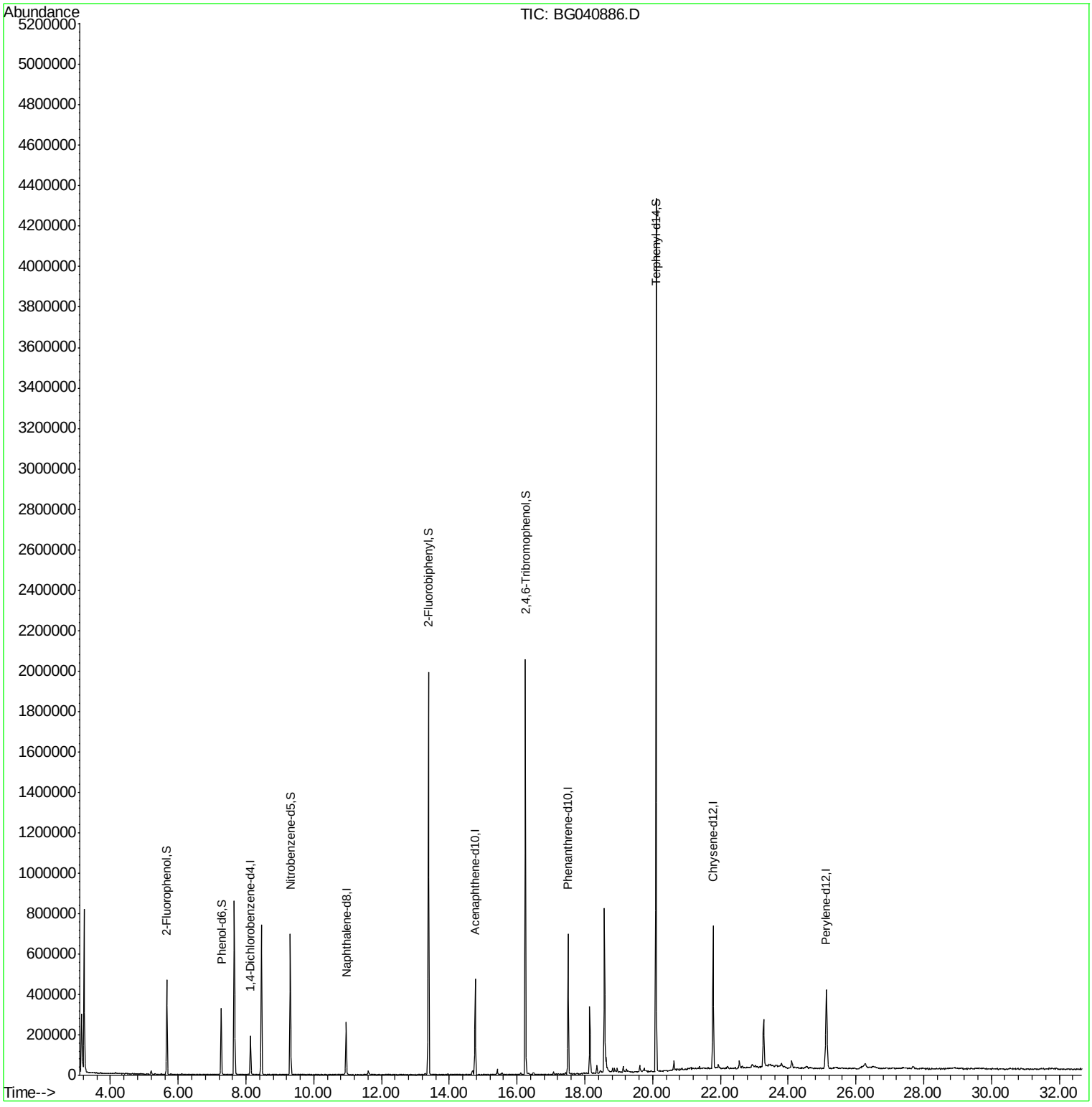
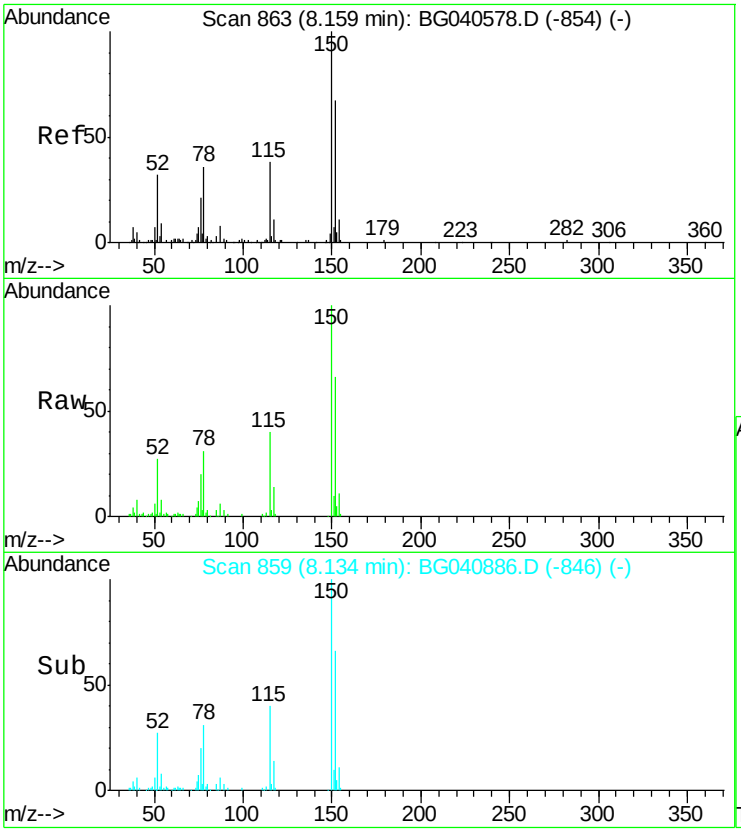


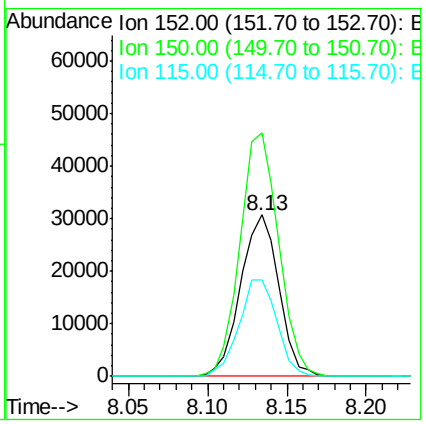


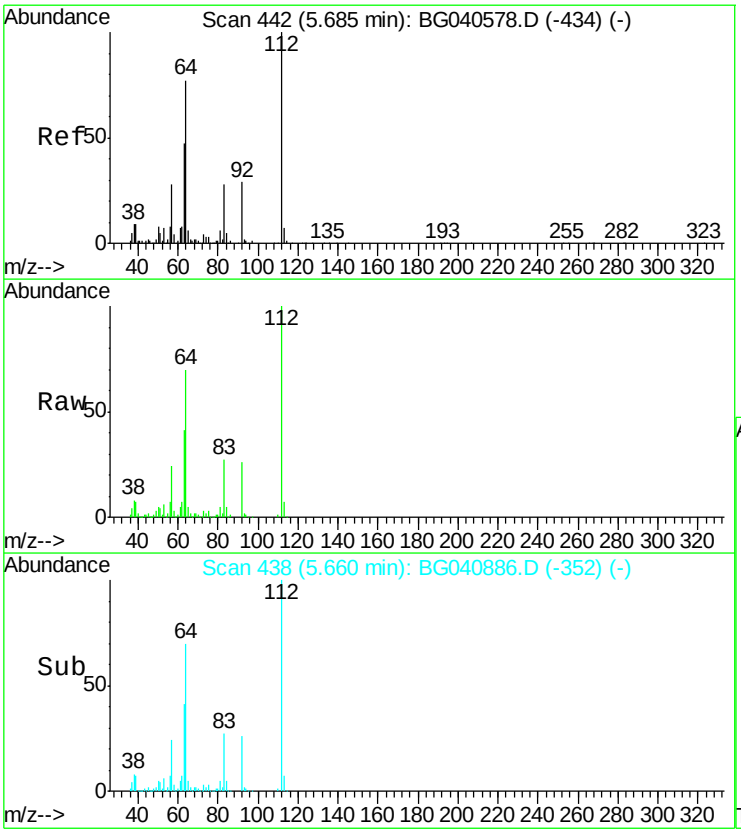
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Instrument :
BNA_G
ClientSampleId :
RB-190507

Tgt Ion:152 Resp: 51606

Ion	Ratio	Lower	Upper
152	100		
150	150.8	120.2	180.2
115	59.9	46.2	69.2

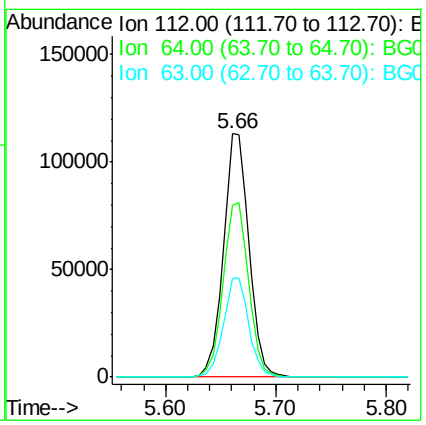


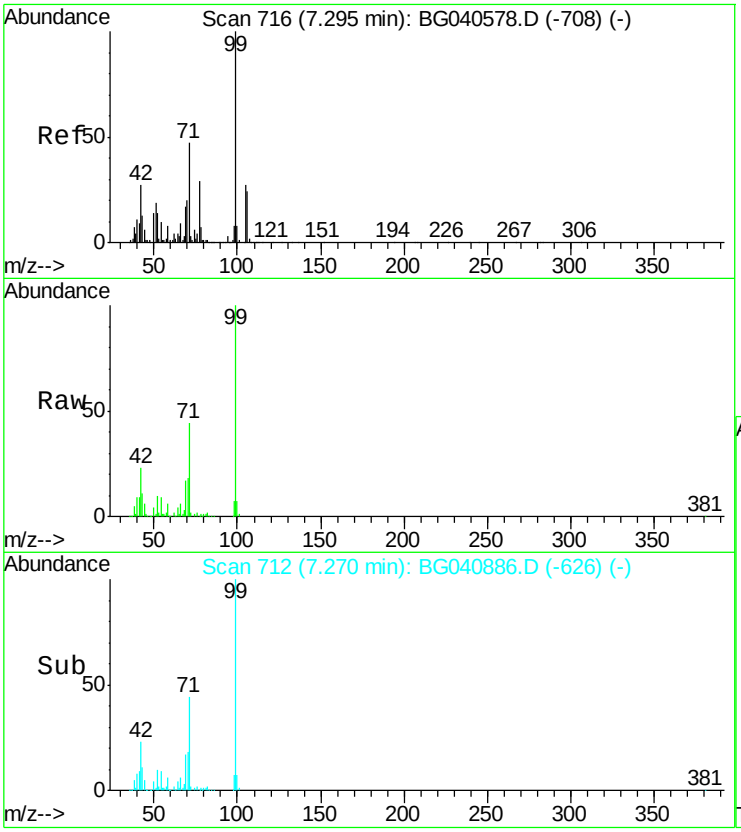


#5
2-Fluorophenol
Concen: 62.442 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Tgt Ion:112 Resp: 182803

Ion	Ratio	Lower	Upper
112	100		
64	70.4	61.4	92.0
63	40.7	37.8	56.6



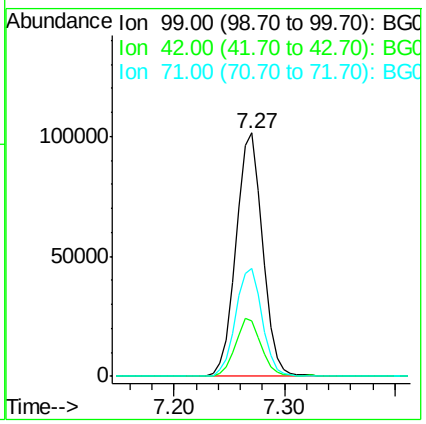


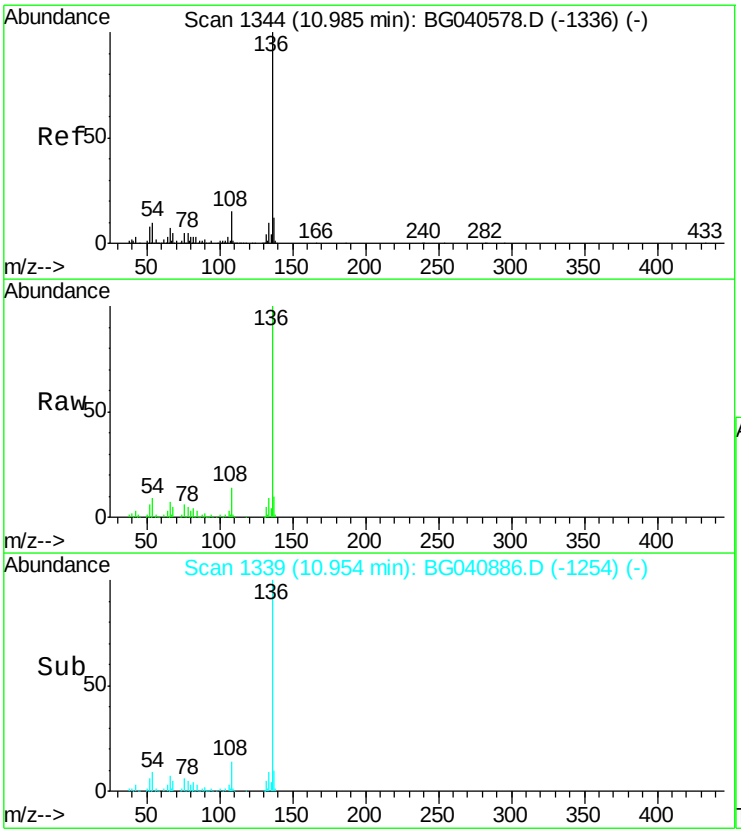
#7
Phenol-d6
Concen: 38.126 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Instrument :
BNA_G
ClientSampleId :
RB-190507

Tgt Ion: 99 Resp: 171856

Ion	Ratio	Lower	Upper
99	100		
42	22.8	21.8	32.8
71	44.2	38.6	57.8

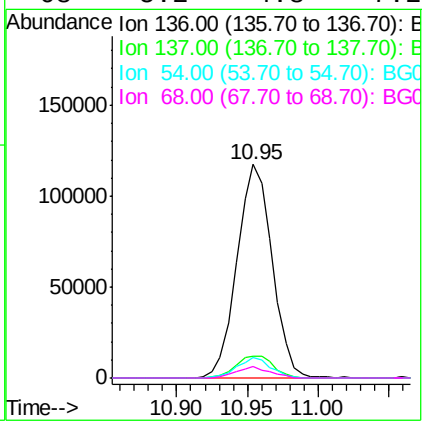


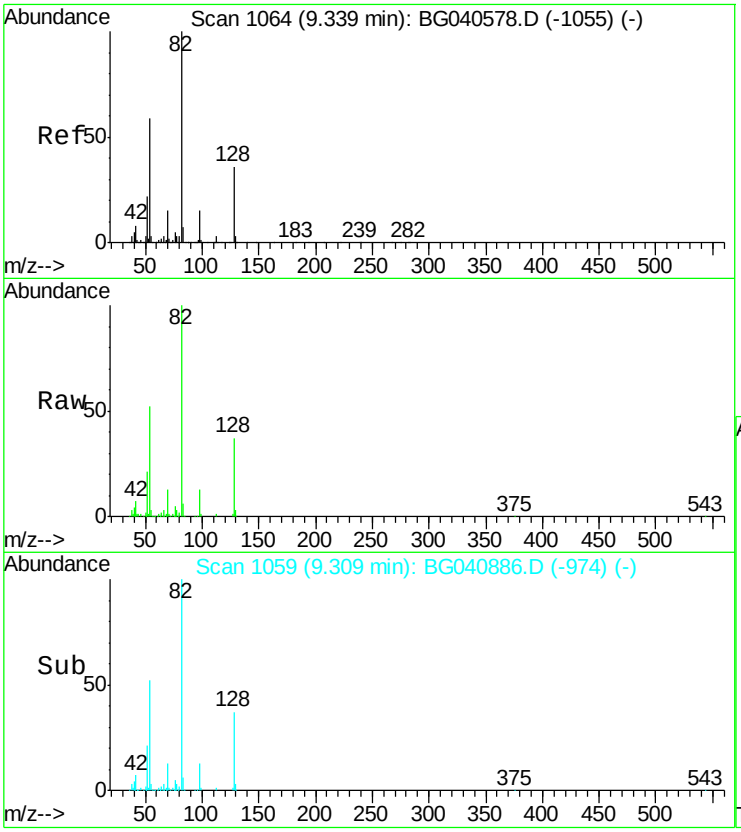


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Tgt Ion:136 Resp: 204158

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.7	14.5
54	9.4	8.6	12.8
68	5.2	4.8	7.2



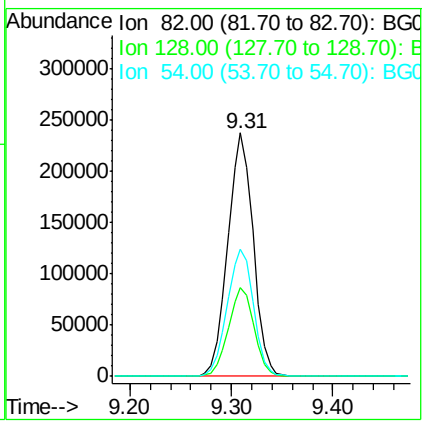


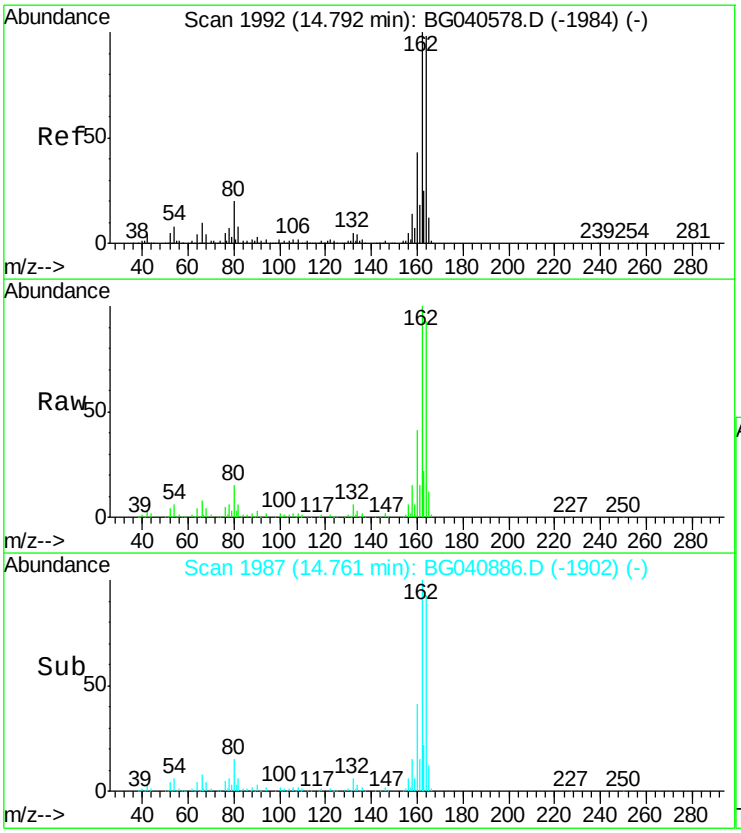
#23
Nitrobenzene-d5
Concen: 93.622 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Instrument :
BNA_G
ClientSampleId :
RB-190507

Tgt Ion: 82 Resp: 413662

Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.9	43.3
54	52.1	47.2	70.8

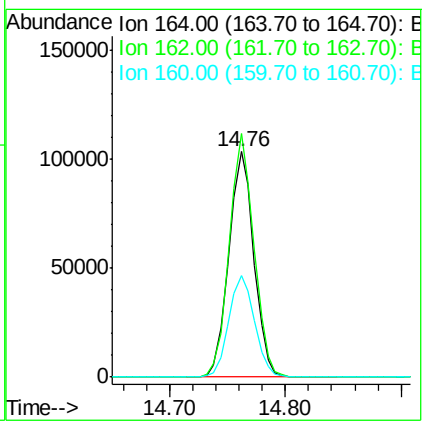


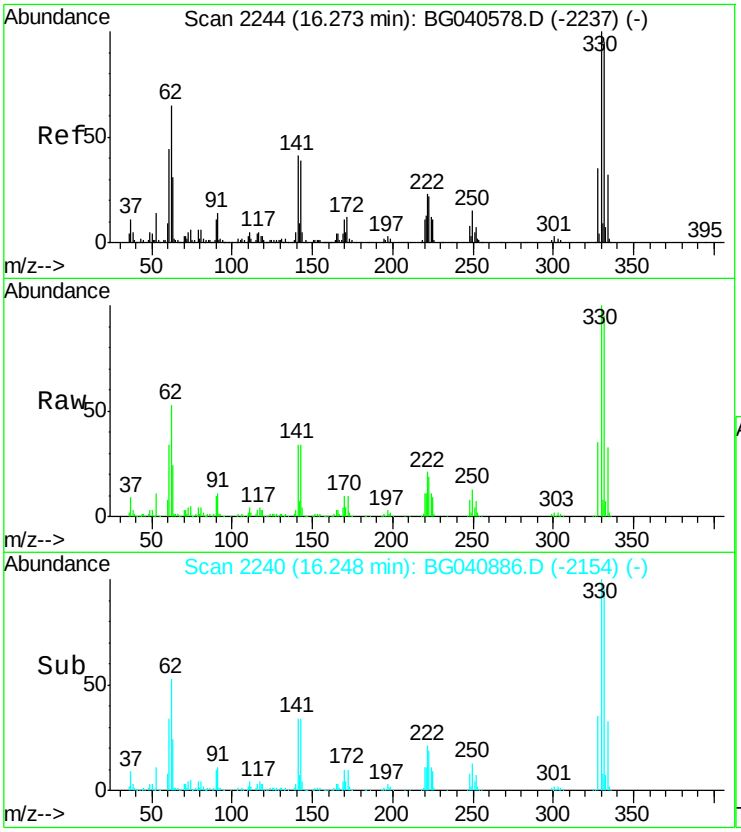


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Tgt Ion:164 Resp: 155540

Ion	Ratio	Lower	Upper
164	100		
162	108.0	81.9	122.9
160	44.8	35.4	53.2



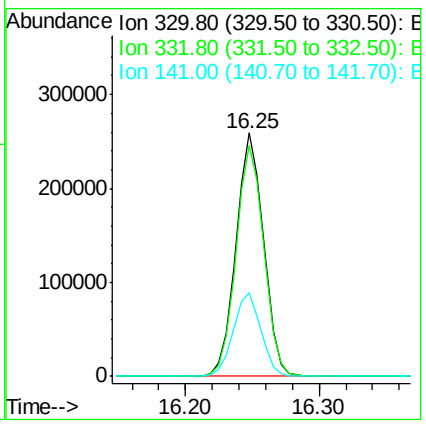


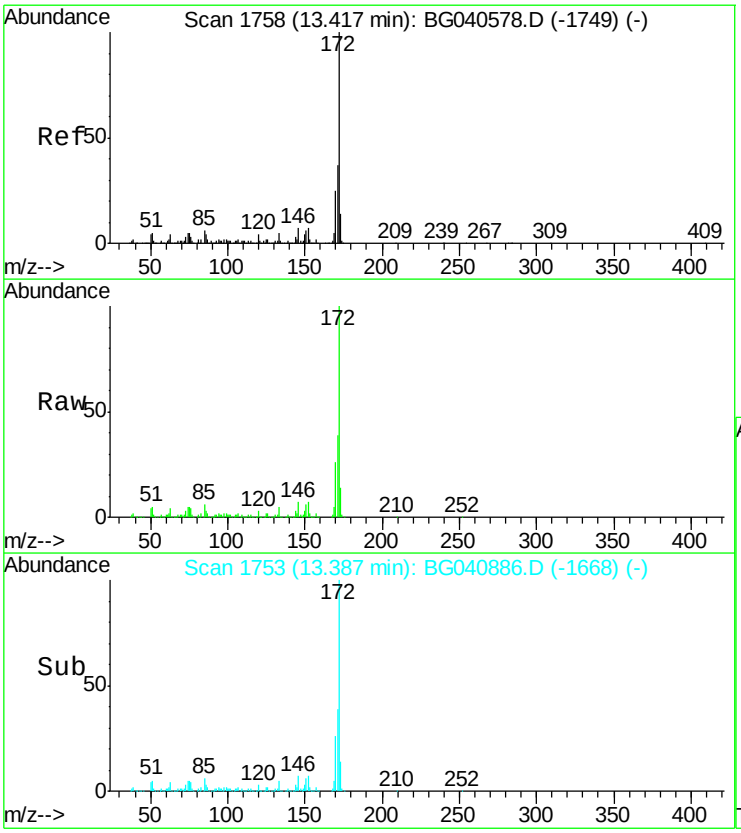
#42
2,4,6-Tribromophenol
Concen: 172.897 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Instrument :
BNA_G
ClientSampleId :
RB-190507

Tgt Ion:330 Resp: 369643

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.9	113.9
141	34.5	32.4	48.6

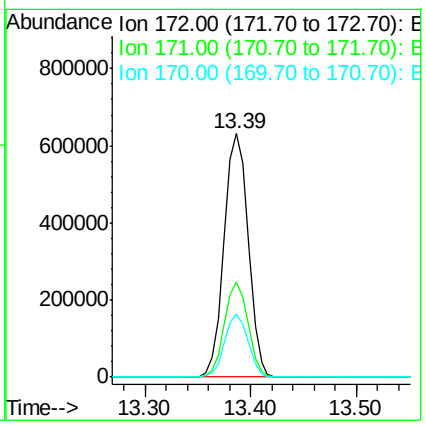


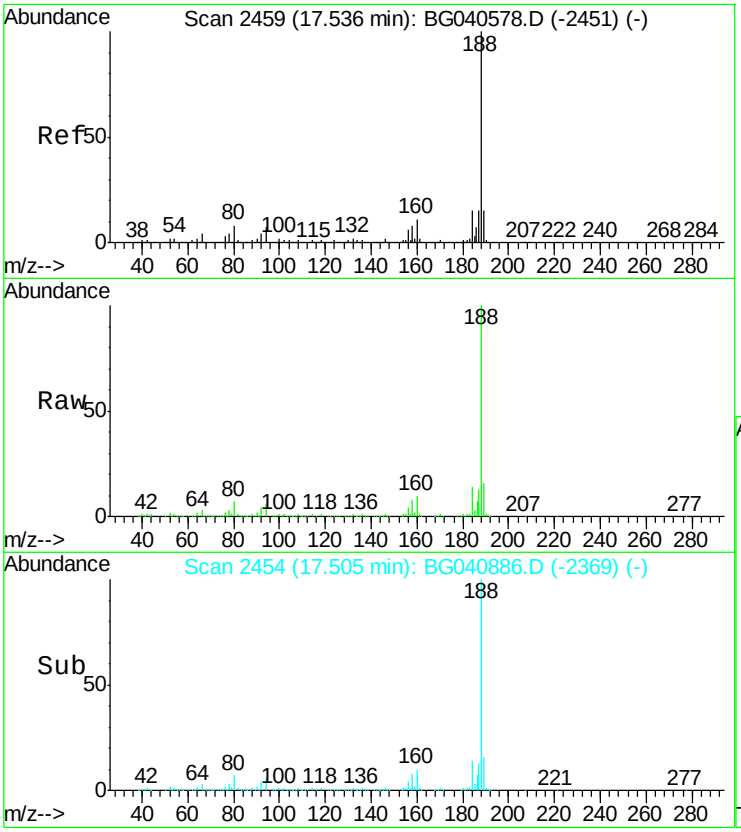


#45
2-Fluorobiphenyl
Concen: 92.431 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Tgt Ion:172 Resp: 995479

Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	26.1	19.9	29.9



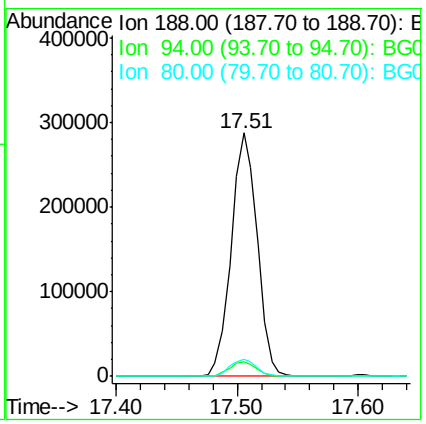


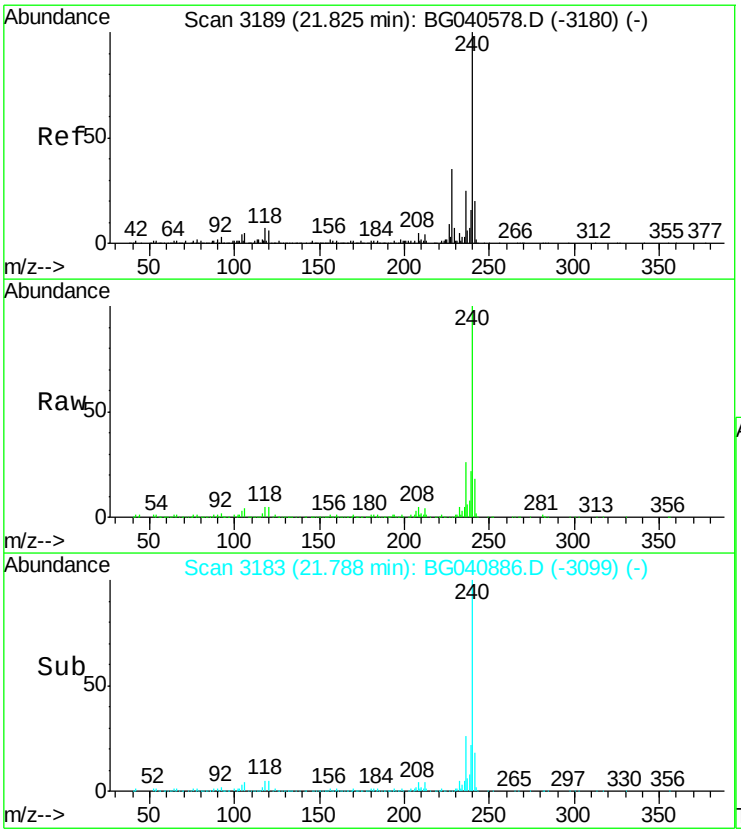
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Instrument :
BNA_G
ClientSampleId :
RB-190507

Tgt Ion:188 Resp: 431017

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.6	8.4
80	6.9	6.4	9.6

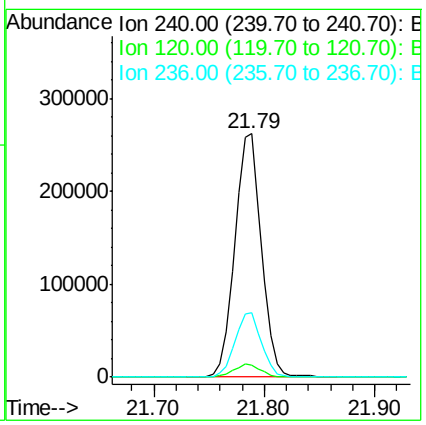


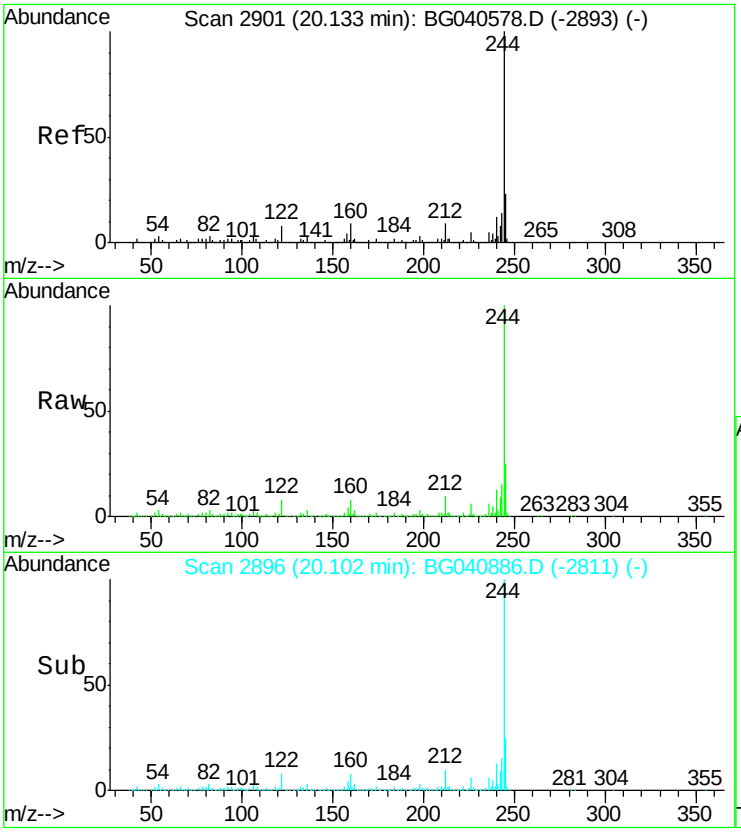


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.04 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Tgt Ion:240 Resp: 443234

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.0	7.6
236	26.5	20.3	30.5



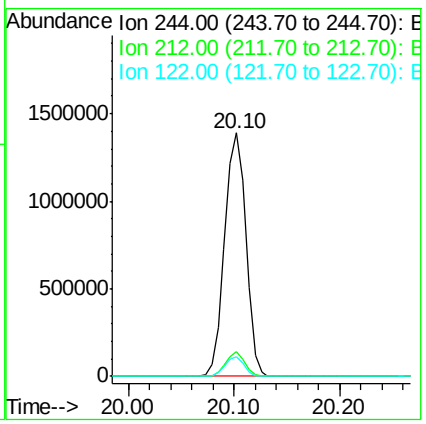


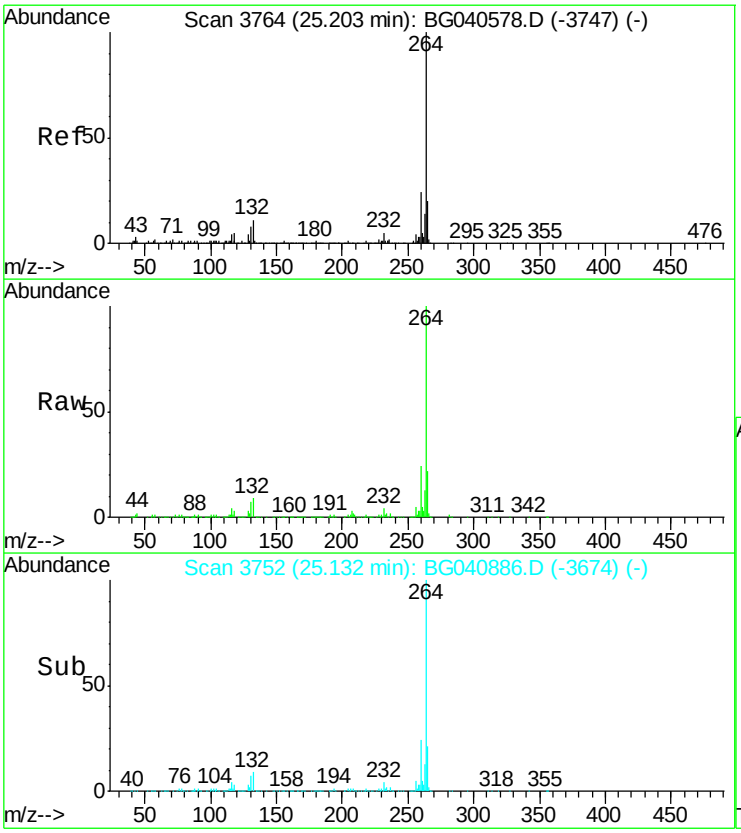
#79
Terphenyl-d14
Concen: 96.818 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.03 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Instrument :
BNA_G
ClientSampleId :
RB-190507

Tgt Ion:244 Resp: 1937016

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.2	10.8
122	8.0	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040886.D
Acq: 11 May 2019 23:01

Tgt Ion:264 Resp: 471512

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	16.6	25.0