Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041119.D
Acq On : 8 Jun 2019 4:45
Operator : HP/JU
Sample : K3160-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-02-060619-A

Quant Time: Jun 08 18:16:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 08 17:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42381	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	168439	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	130872	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	333475	20.00	ng	0.00
76) Chrysene-d12	21.75	240	351821	20.00	ng	0.00
87) Perylene-d12	25.08	264	367280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	316349	134.60	ng	0.00
7) Phenol-d6	7.25	99	425834	117.32	ng	0.00
23) Nitrobenzene-d5	9.28	82	353955	93.29	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	267336	137.60	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	852543	93.81	ng	0.00
79) Terphenyl-d14	20.07	244	1529585	92.27	ng	0.00
Target Compounds						Qvalue

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

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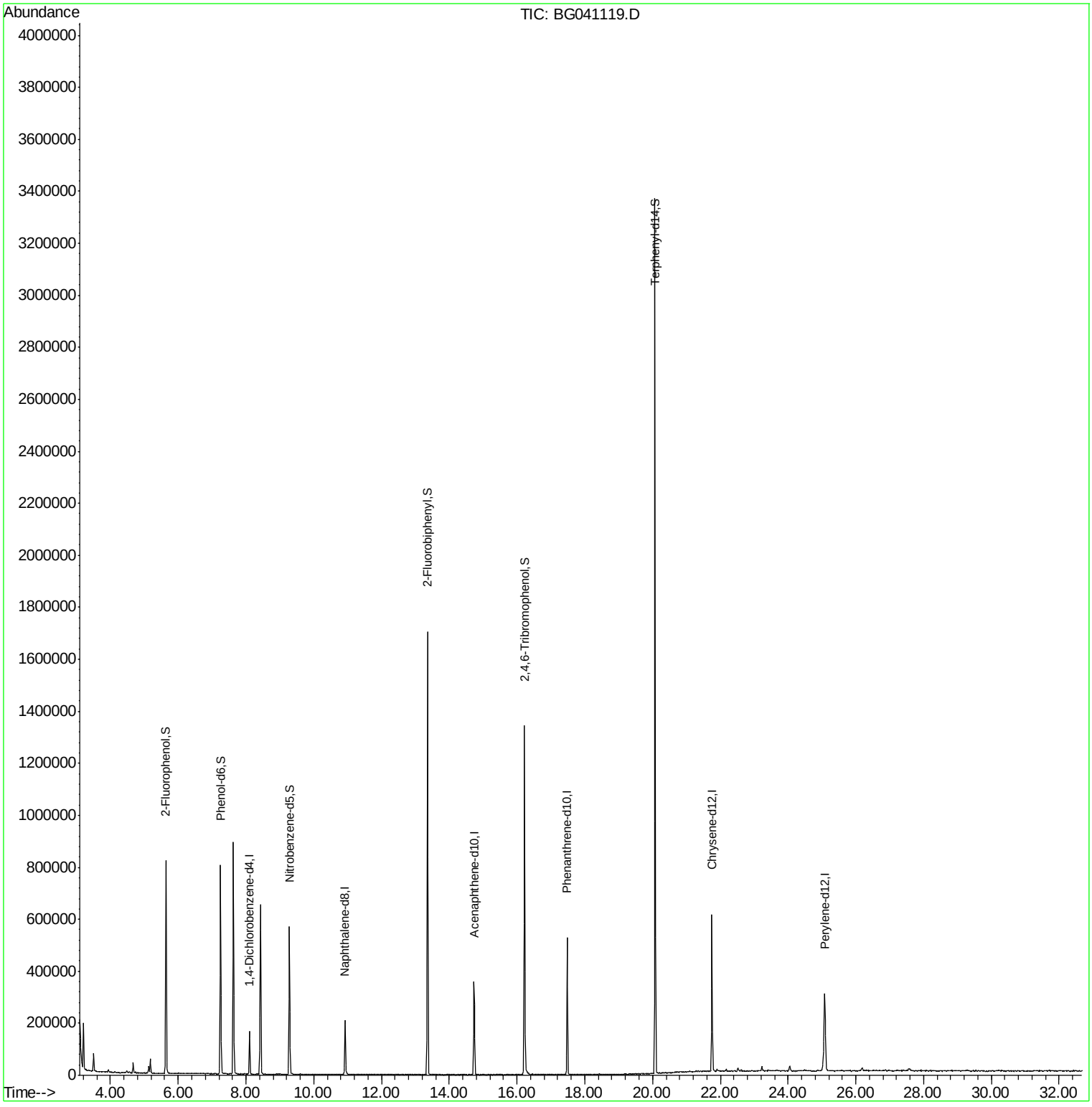
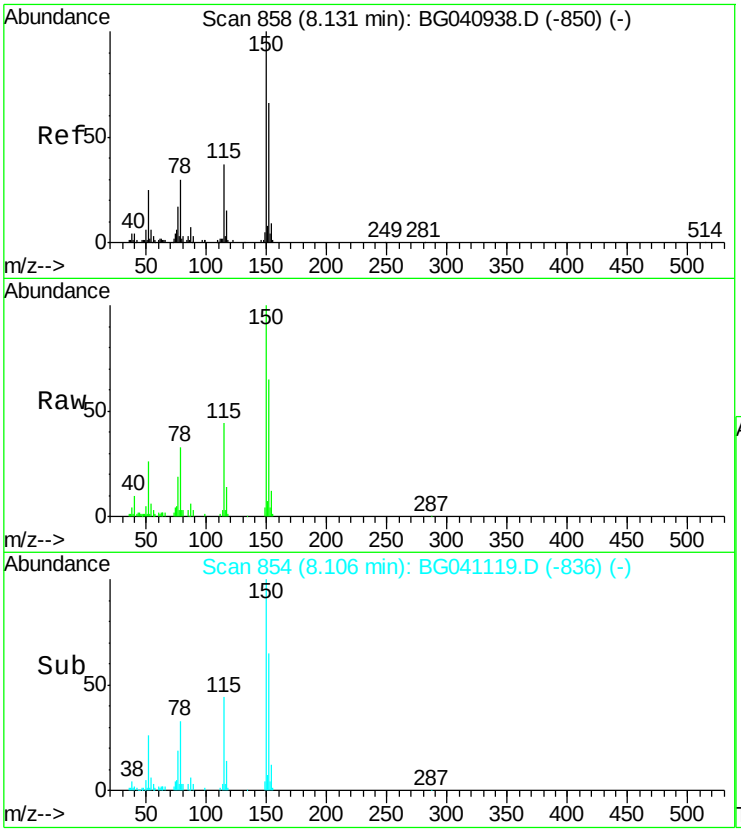


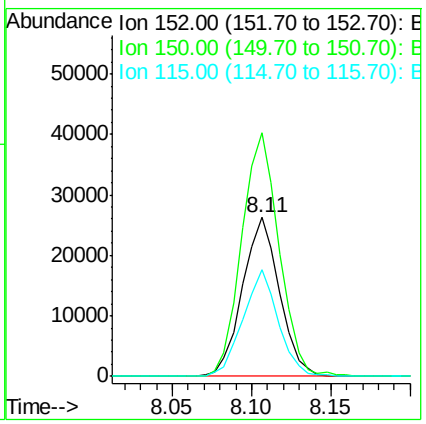


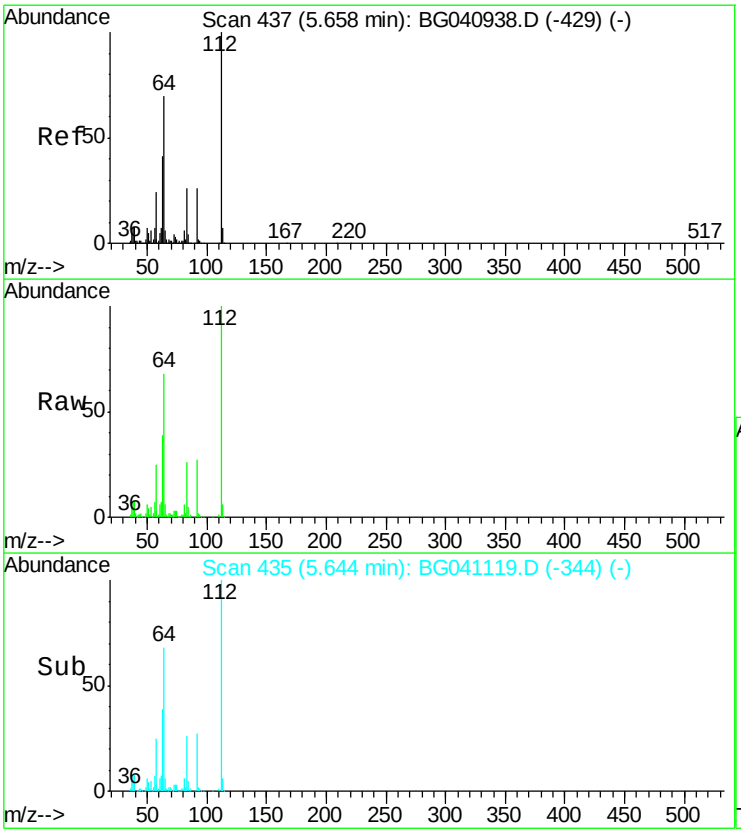
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:152 Resp: 42381

Ion	Ratio	Lower	Upper
152	100		
150	153.0	111.7	167.5
115	66.9	48.6	73.0

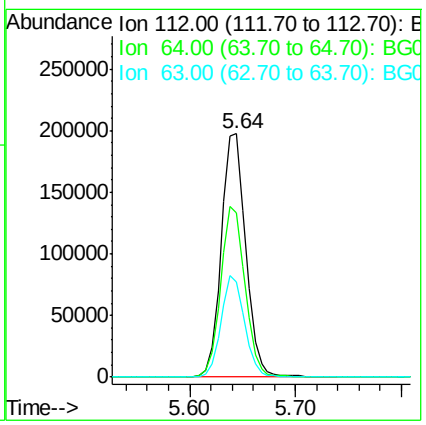


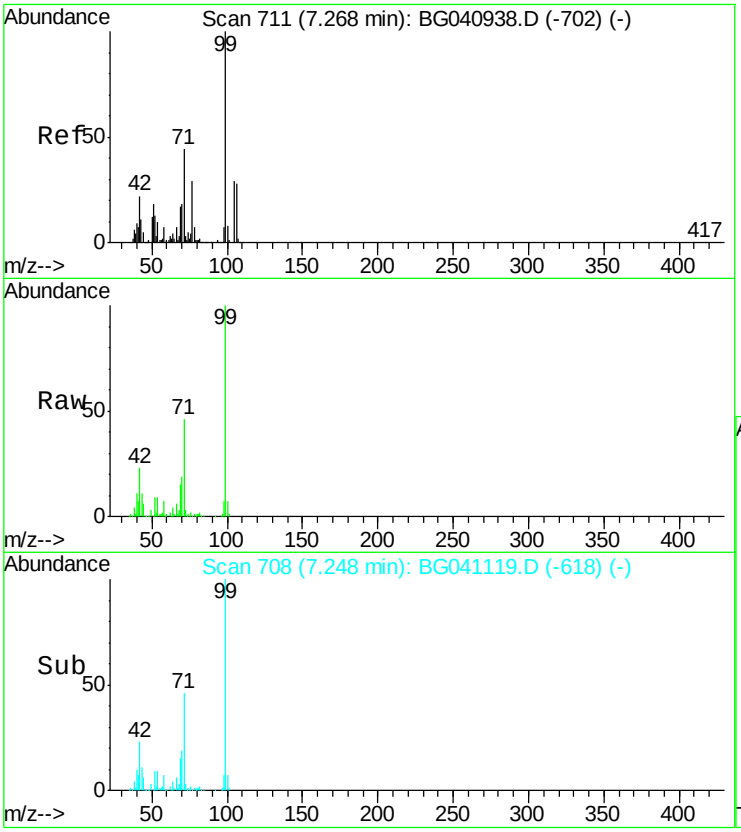


#5
2-Fluorophenol
Concen: 134.599 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.00 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:112 Resp: 316349

Ion	Ratio	Lower	Upper
112	100		
64	67.6	54.5	81.7
63	39.1	32.2	48.2



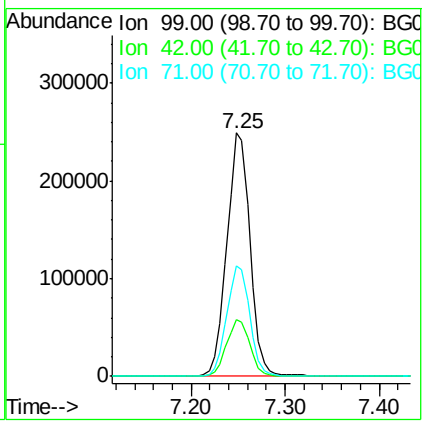


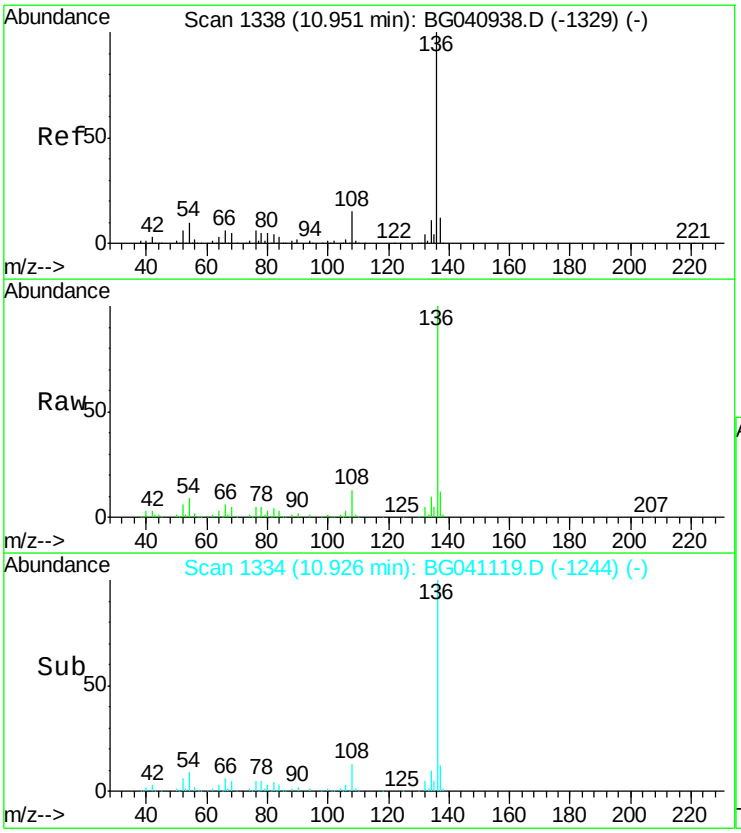
#7
Phenol-d6
Concen: 117.316 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion: 99 Resp: 425834

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.8	28.2
71	45.5	35.6	53.4

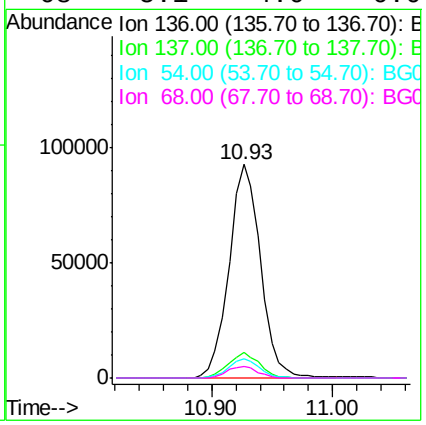


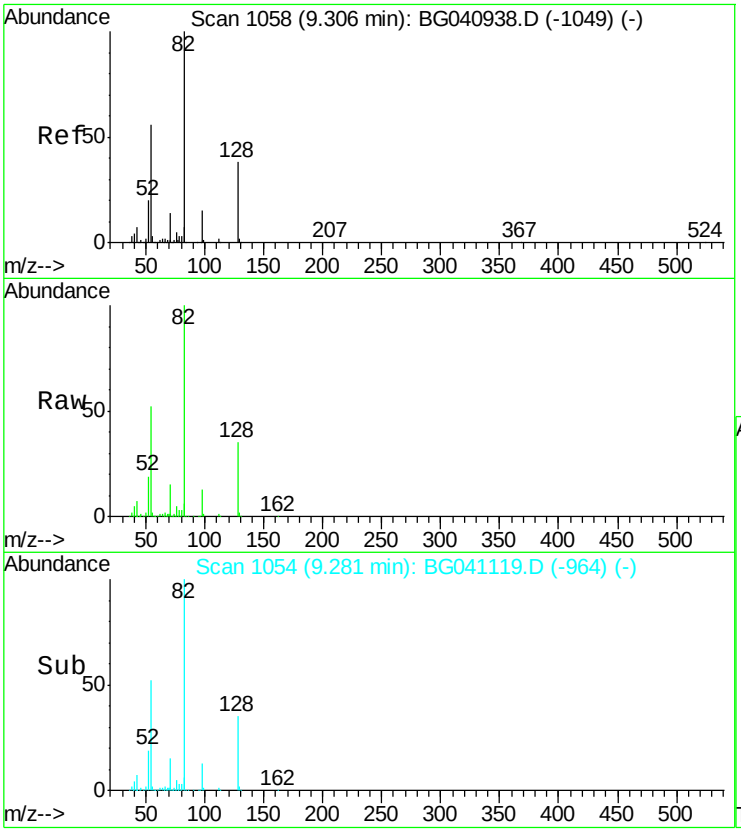


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:136 Resp: 168439

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	8.7	7.4	11.2
68	5.1	4.0	6.0



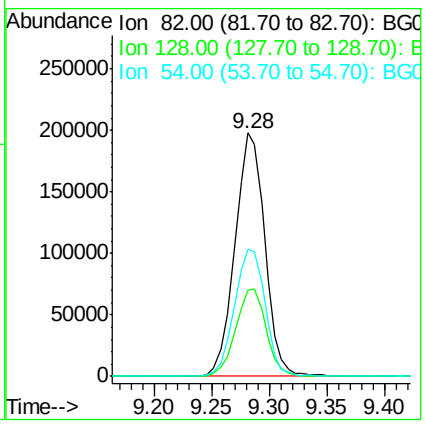


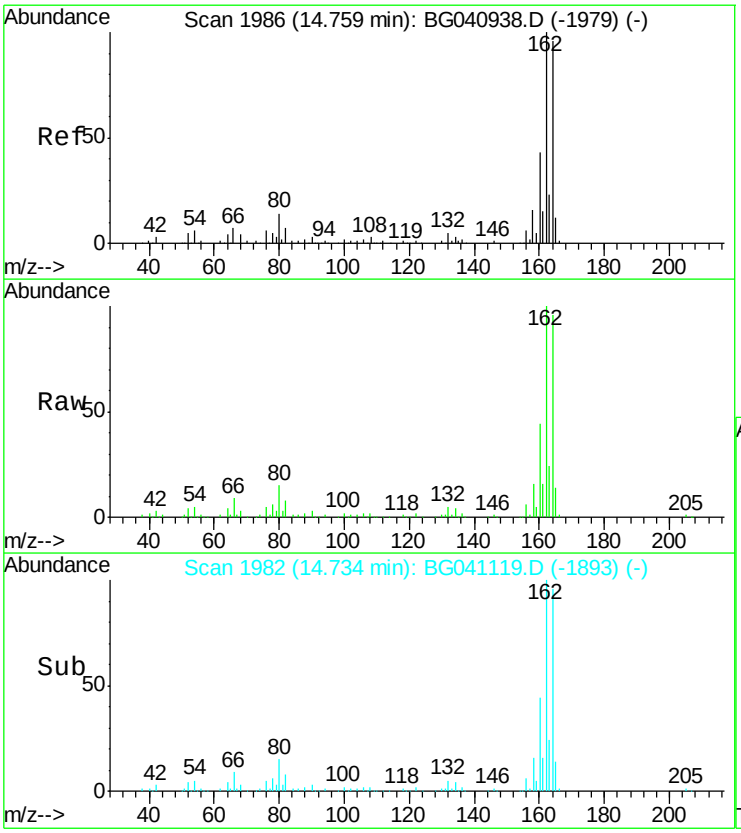
#23
Nitrobenzene-d5
Concen: 93.288 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion: 82 Resp: 353955

Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.8	44.6
54	52.4	43.6	65.4

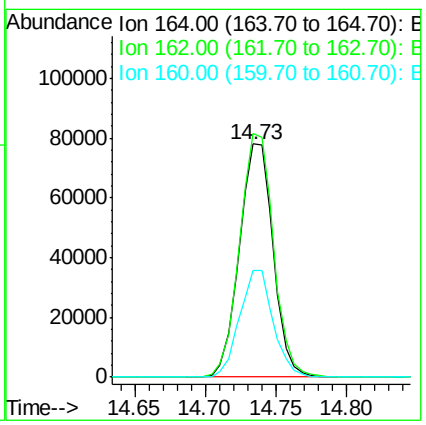


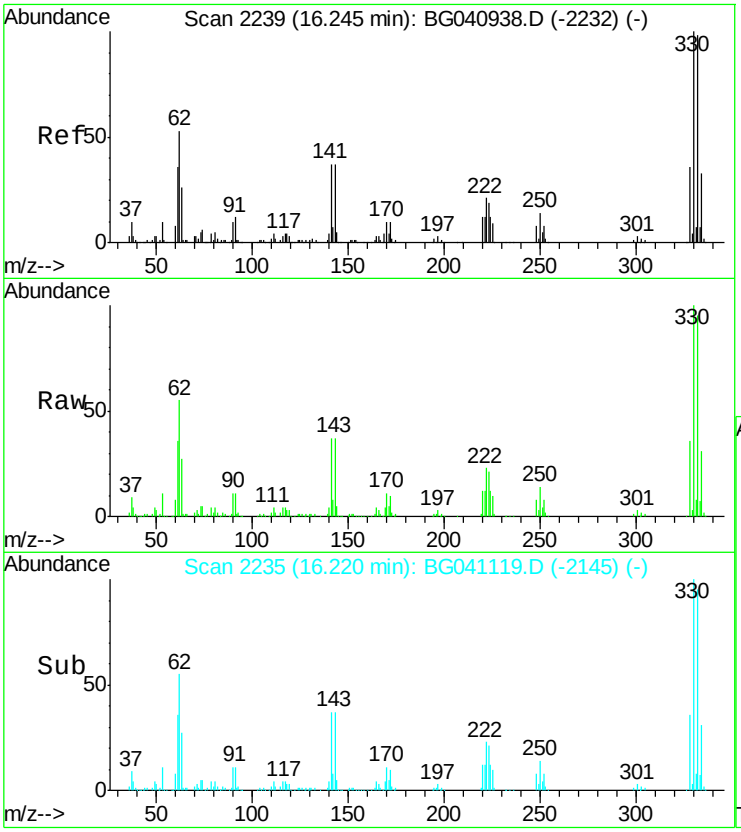


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:164 Resp: 130872

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.0
160	45.7	37.1	55.7



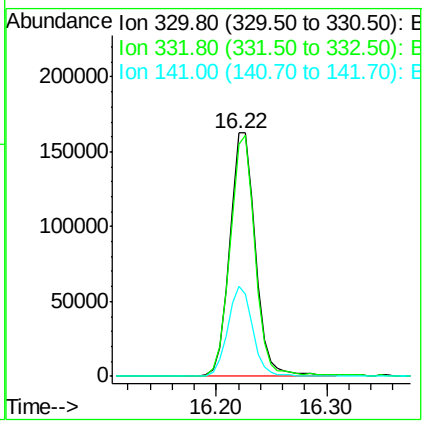


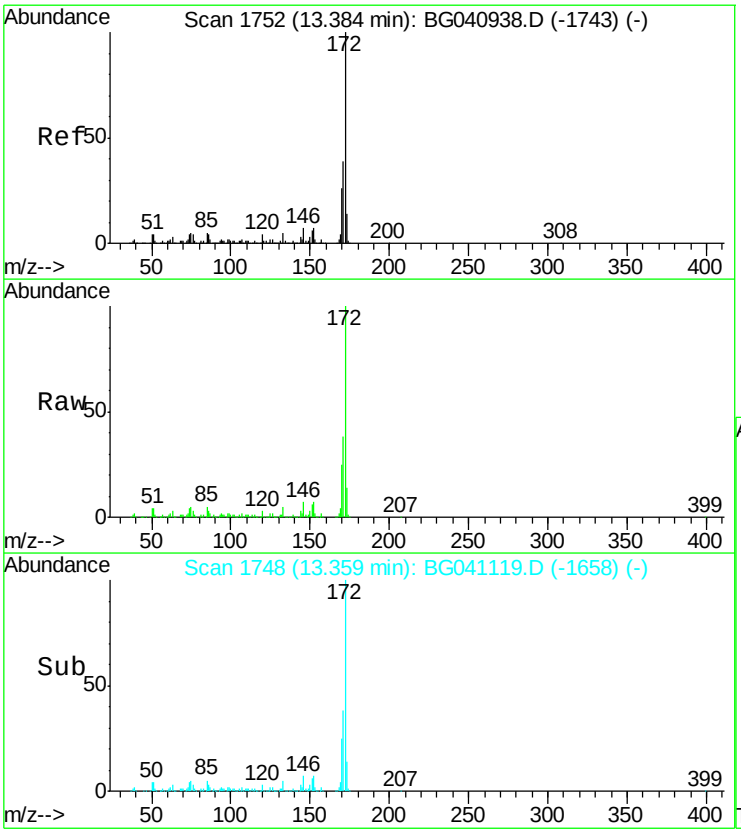
#42
2,4,6-Tribromophenol
Concen: 137.597 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:330 Resp: 267336

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.9	116.9
141	35.7	29.0	43.4

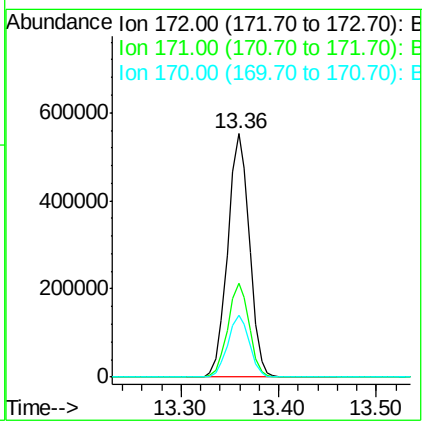


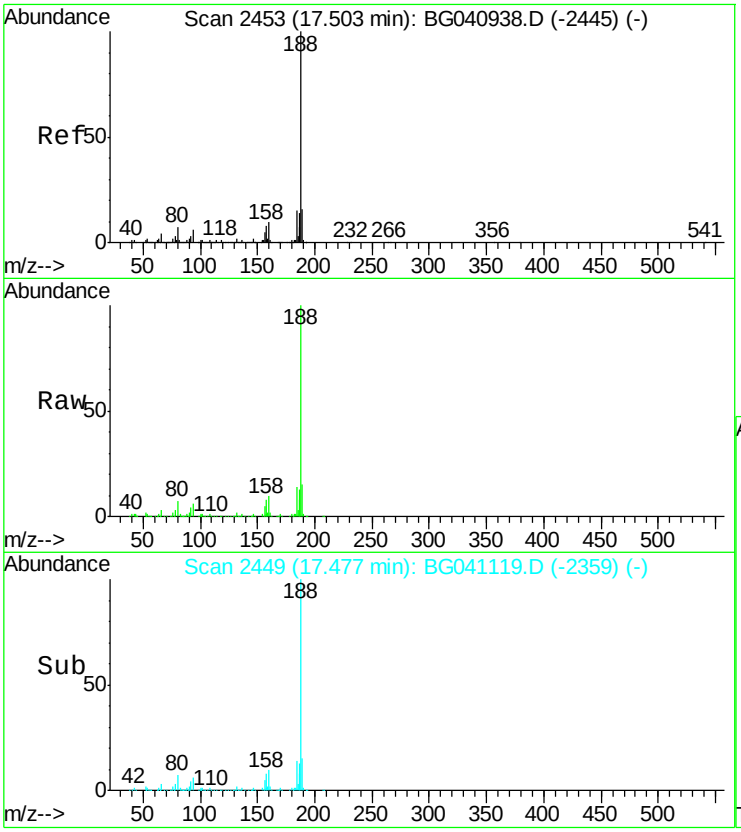


#45
2-Fluorobiphenyl
Concen: 93.813 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:172 Resp: 852543

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	25.5	21.3	31.9



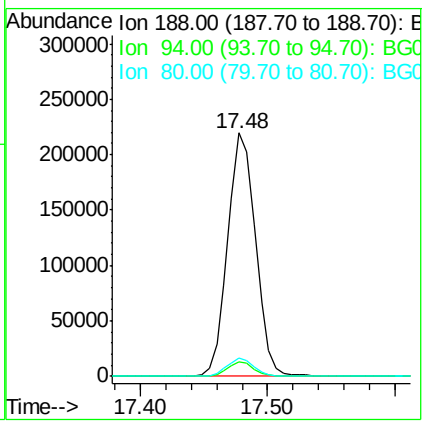


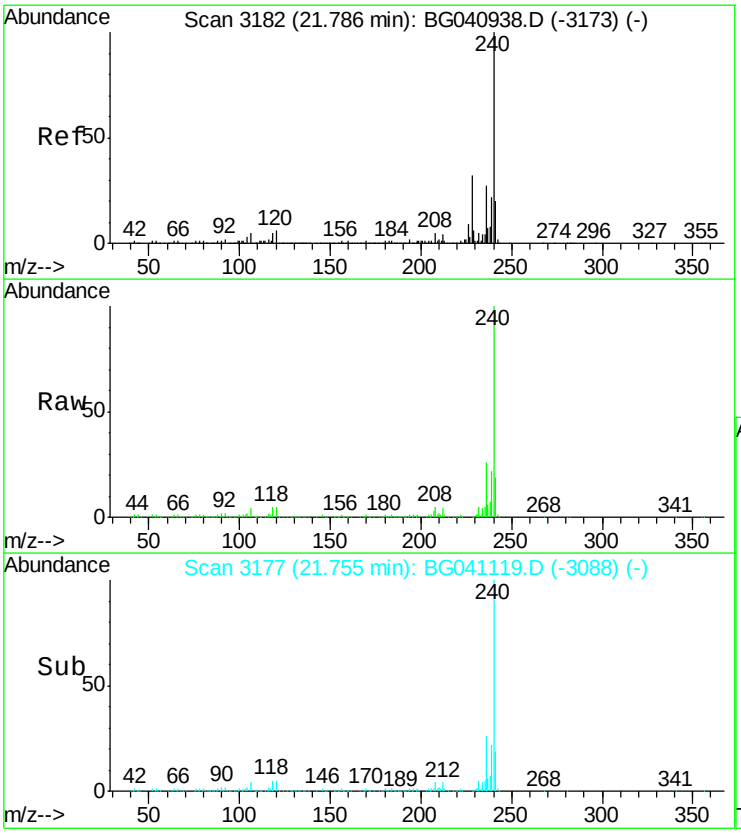
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:188 Resp: 333475

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.6	7.0
80	7.4	5.8	8.8

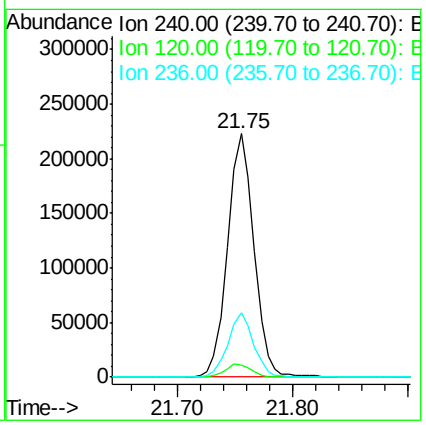


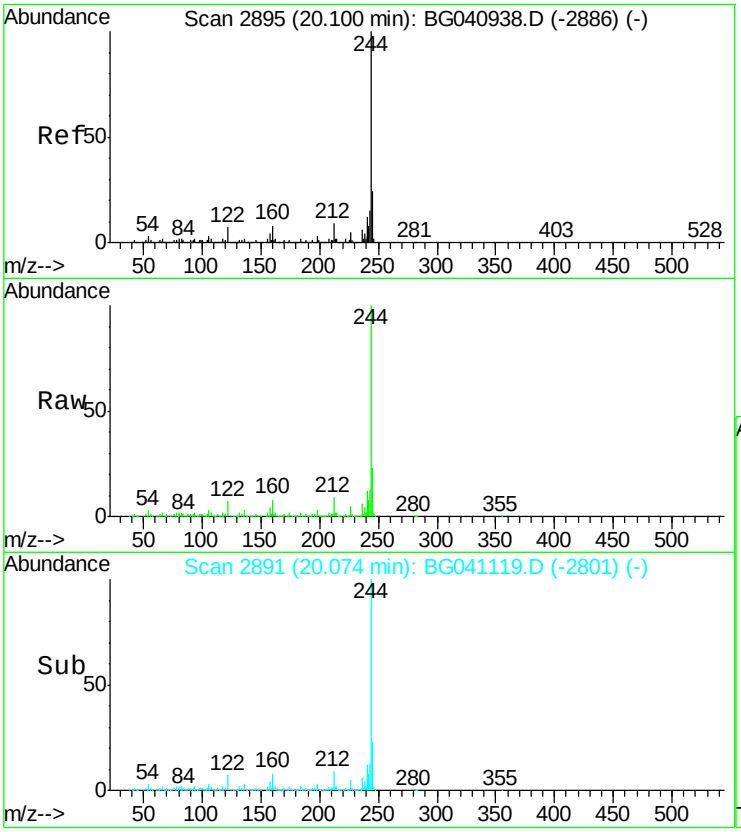


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:240 Resp: 351821

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.6	6.8
236	26.2	20.6	31.0



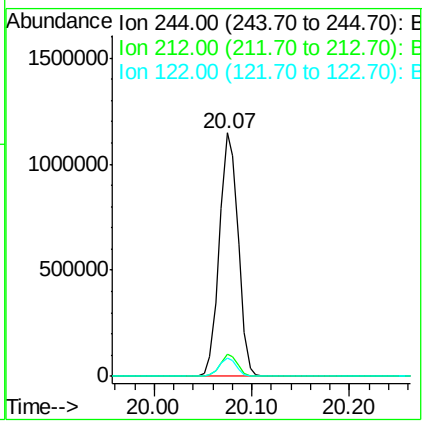


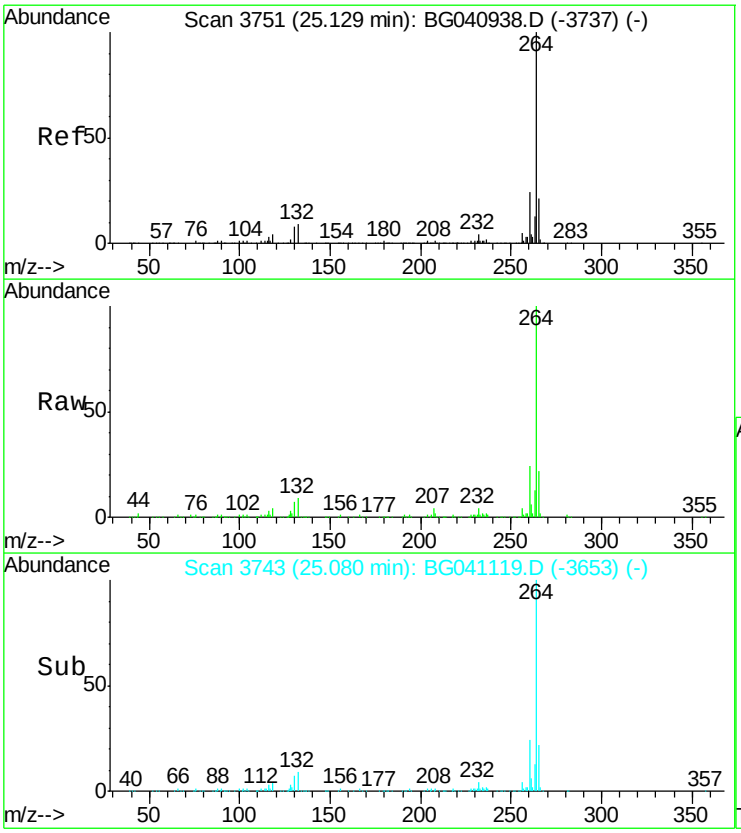
#79
Terphenyl-d14
Concen: 92.272 ng
RT: 20.07 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Instrument :
BNA_G
ClientSampleId :
EO-02-060619-A

Tgt Ion:244 Resp: 1529585

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	7.4	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041119.D
Acq: 8 Jun 2019 4:45

Tgt Ion:264 Resp: 367280

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.7	17.6	26.4