Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
Data File : BG040644.D
Acq On : 27 Apr 2019 1:40
Operator : JU/SJ
Sample : K2198-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-042519

Quant Time: Apr 27 04:49:38 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	8.16	152	49913	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	191190	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	137025	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	390191	20.00	ng	0.00
76) Chrysene-d12	21.82	240	406753	20.00	ng	0.00
87) Perylene-d12	25.20	264	422085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	360842	127.44	ng	0.00
7) Phenol-d6	7.29	99	476967	109.40	ng	0.00
23) Nitrobenzene-d5	9.33	82	430911	104.14	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	300417	159.50	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	870121	91.71	ng	0.00
79) Terphenyl-d14	20.13	244	1871089	101.91	ng	0.00
Target Compounds						Qvalue

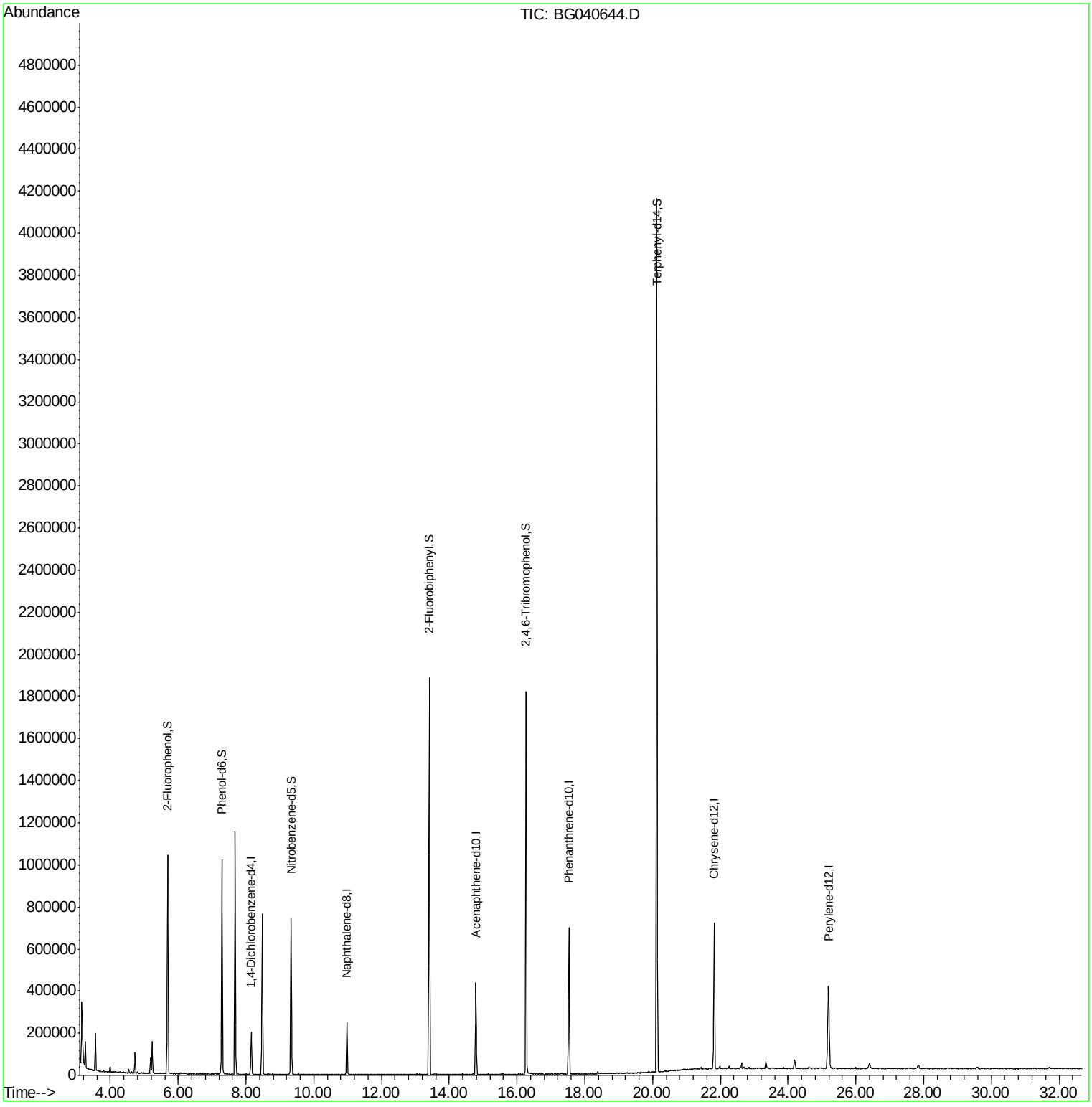
(#) = qualifier out of range (m) = manual integration (+) = signals summed

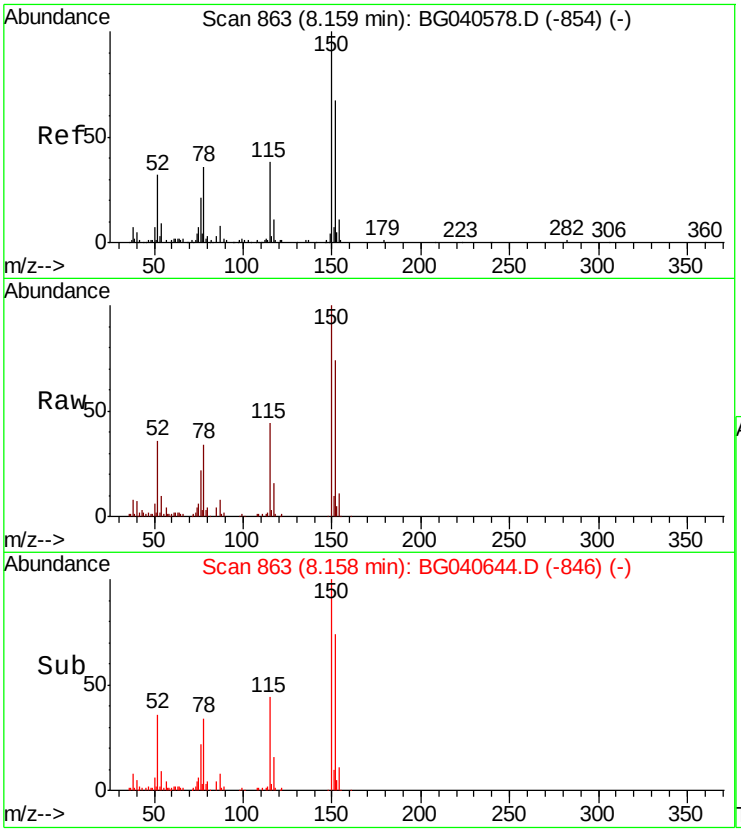
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
Data File : BG040644.D
Acq On : 27 Apr 2019 1:40
Operator : JU/SJ
Sample : K2198-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-042519

Quant Time: Apr 27 04:49:38 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



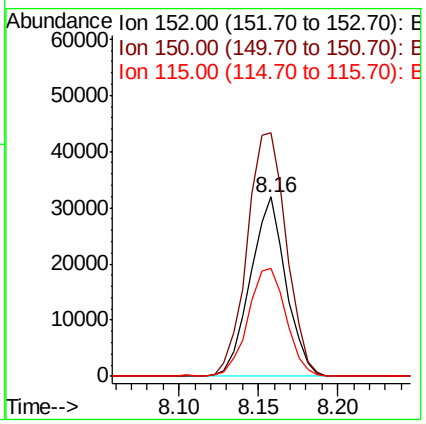


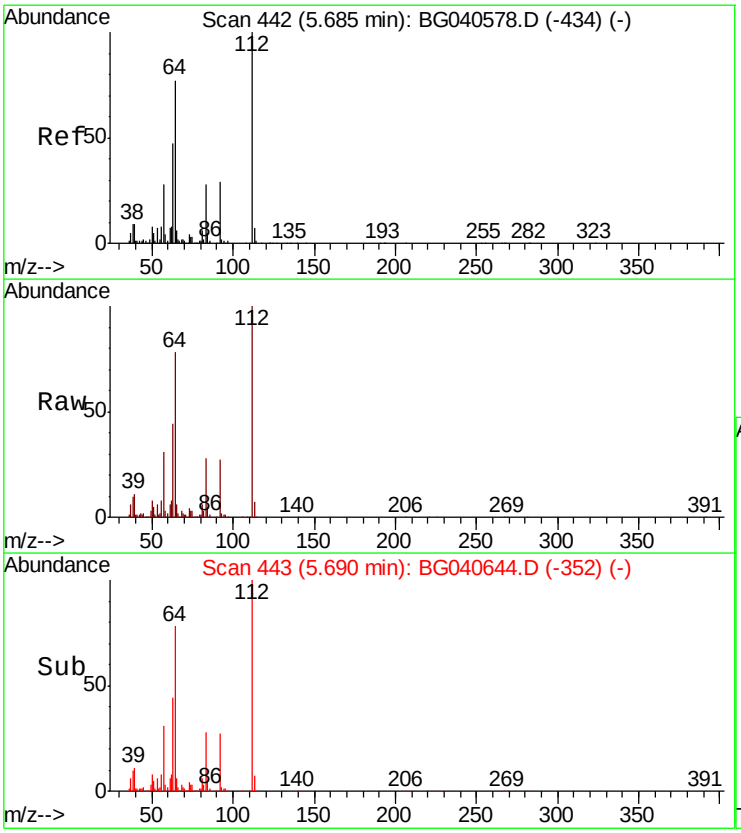
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Instrument :
BNA_G
ClientSampleId :
OK-01-042519

Tgt Ion:152 Resp: 49913

Ion	Ratio	Lower	Upper
152	100		
150	135.9	120.2	180.2
115	60.5	46.2	69.2

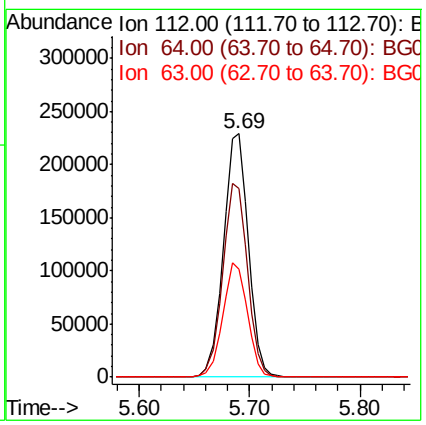


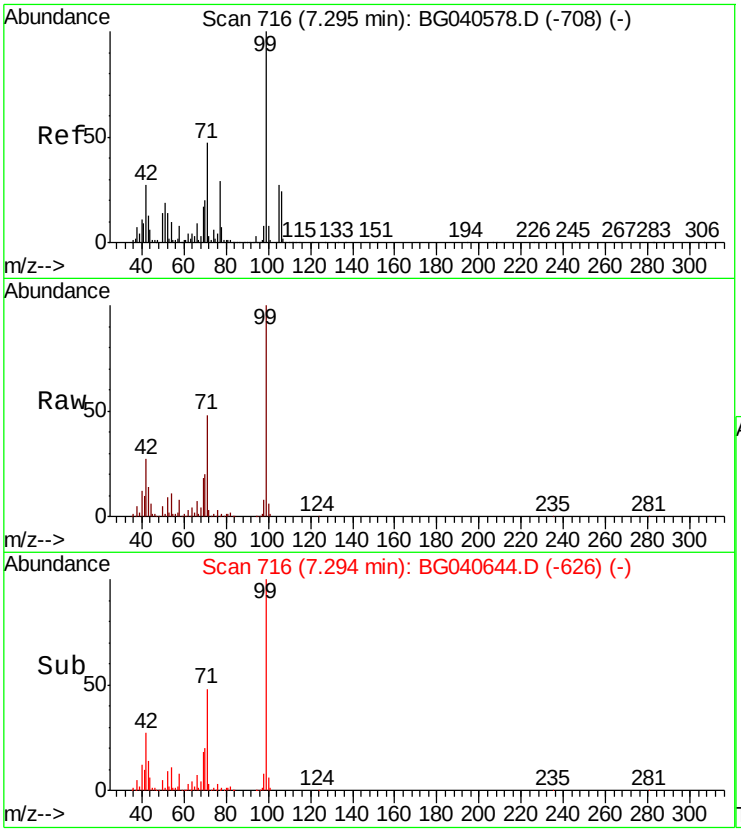


#5
2-Fluorophenol
Concen: 127.438 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.01 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Tgt Ion:112 Resp: 360842

Ion	Ratio	Lower	Upper
112	100		
64	77.6	61.4	92.0
63	44.3	37.8	56.6



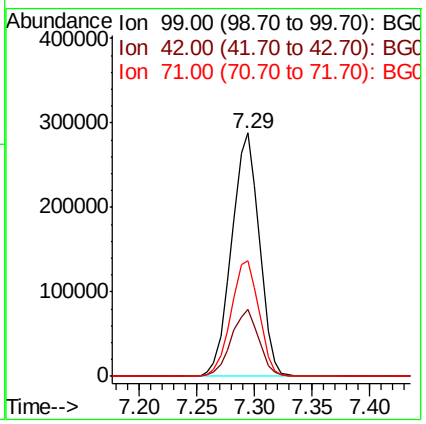


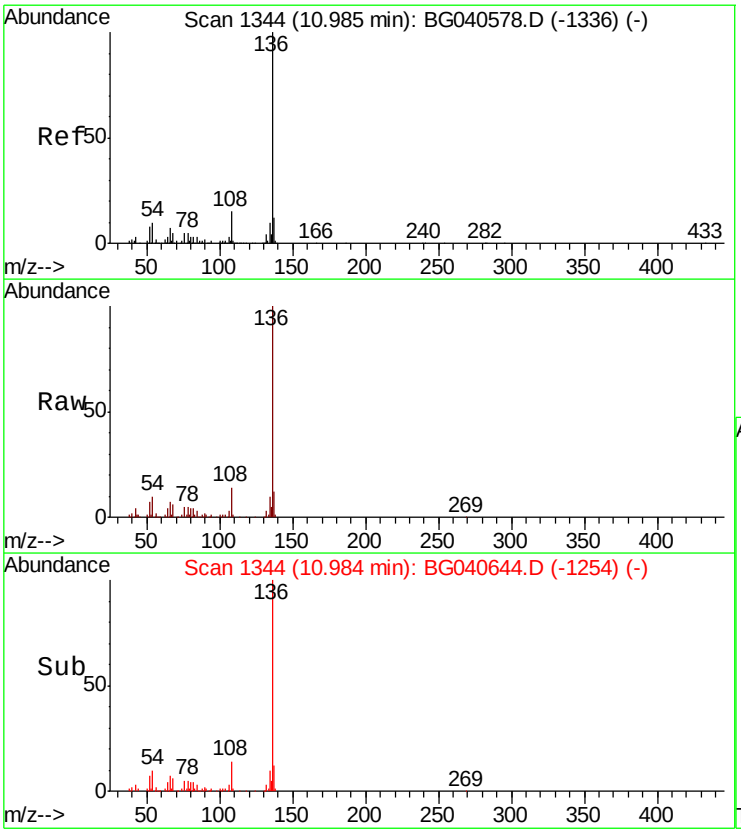
#7
Phenol-d6
Concen: 109.403 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Instrument :
BNA_G
ClientSampleId :
OK-01-042519

Tgt Ion: 99 Resp: 476967

Ion	Ratio	Lower	Upper
99	100		
42	27.4	21.8	32.8
71	47.6	38.6	57.8

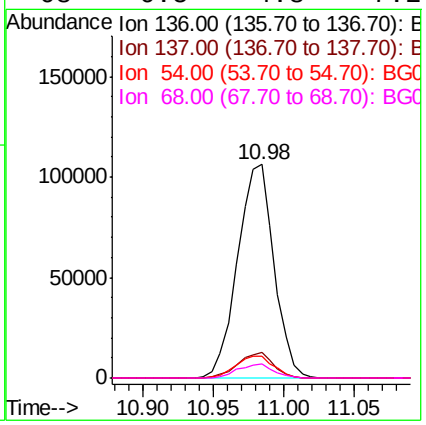


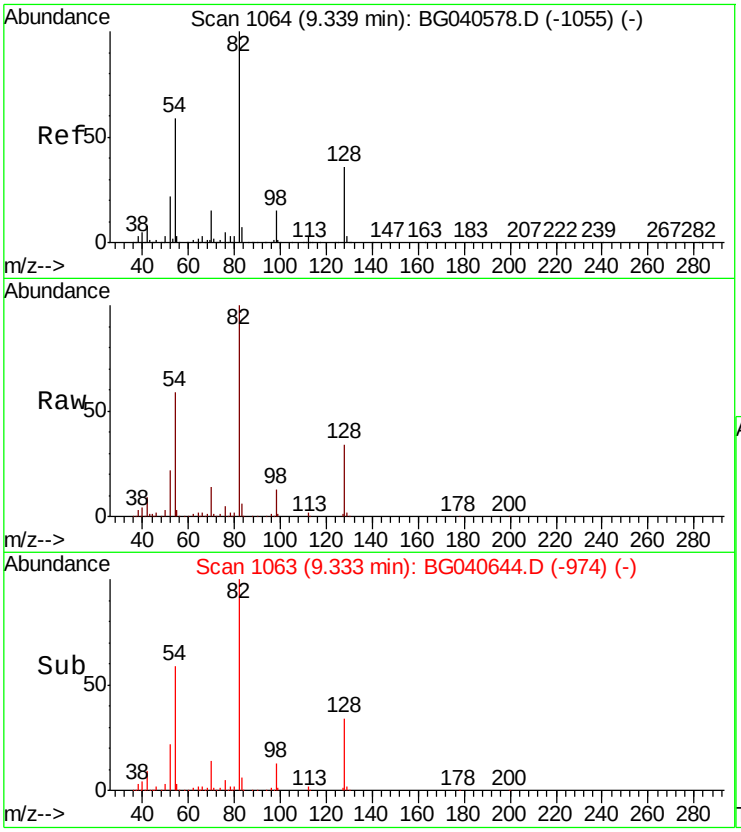


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Tgt Ion:136 Resp: 191190

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	10.1	8.6	12.8
68	6.5	4.8	7.2



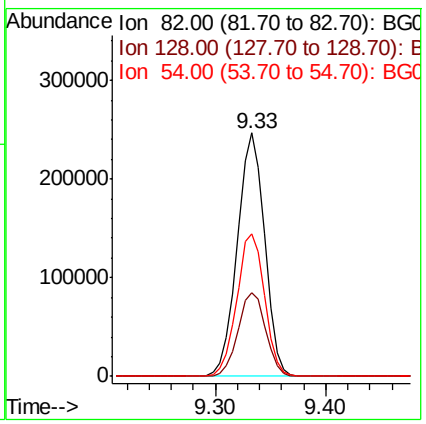


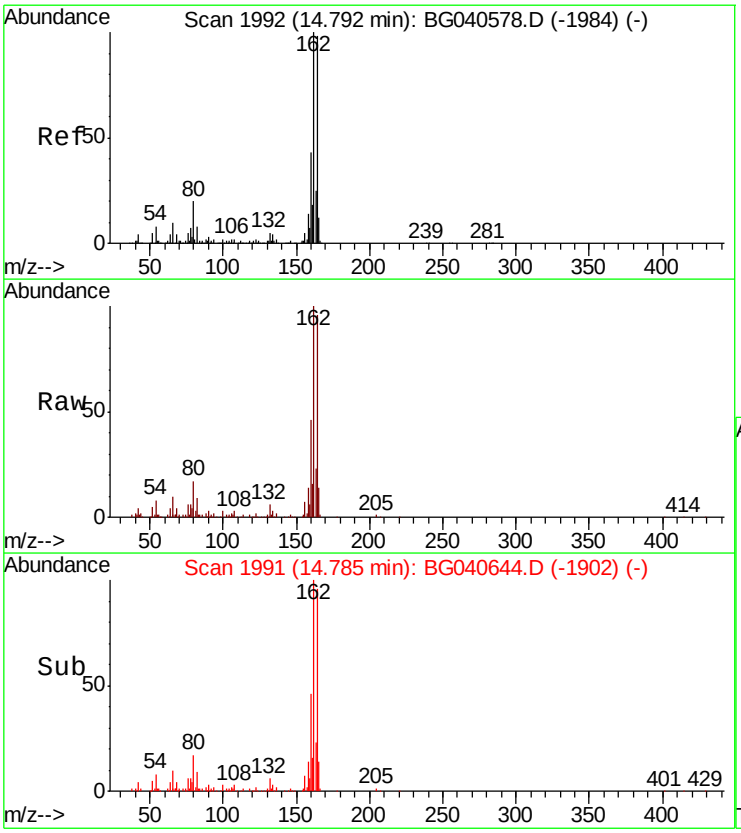
#23
Nitrobenzene-d5
Concen: 104.141 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Instrument :
BNA_G
ClientSampleId :
OK-01-042519

Tgt Ion: 82 Resp: 430911

Ion	Ratio	Lower	Upper
82	100		
128	34.4	28.9	43.3
54	58.6	47.2	70.8

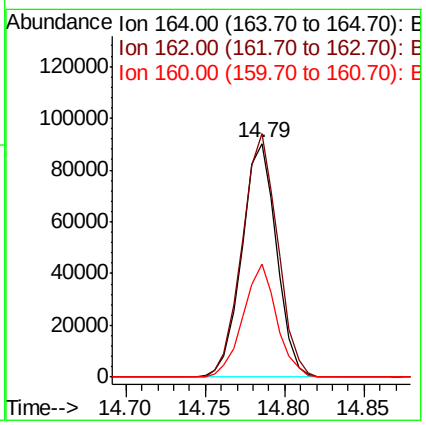


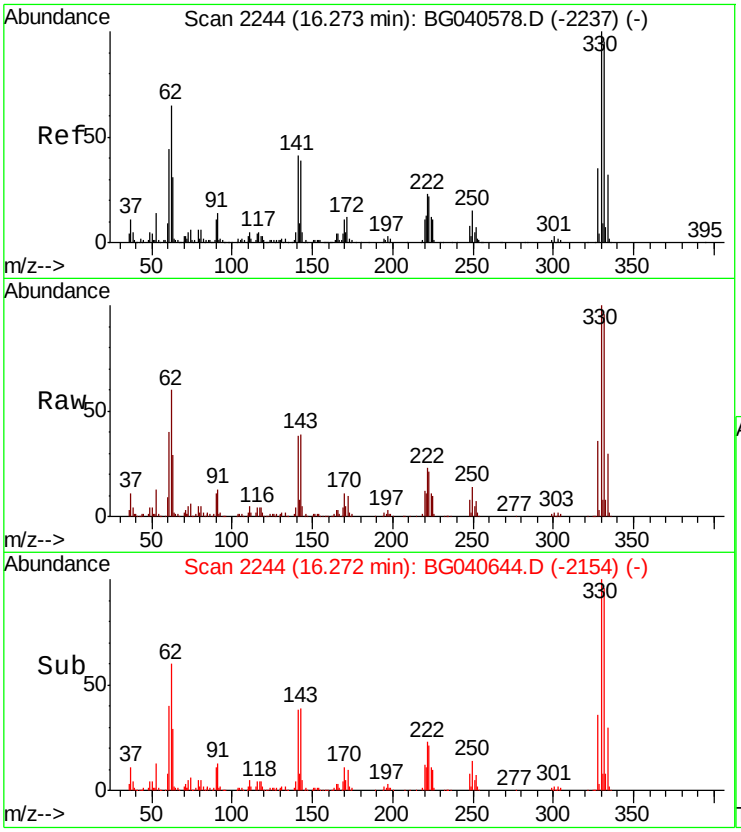


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Tgt Ion:164 Resp: 137025

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.9	122.9
160	48.2	35.4	53.2



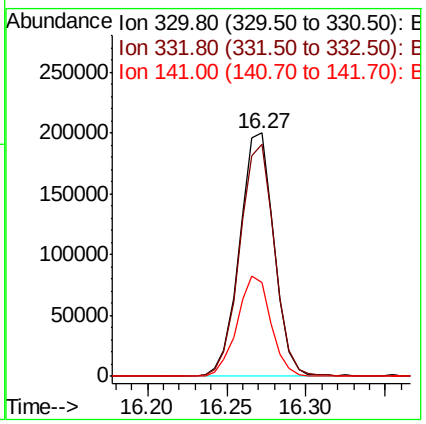


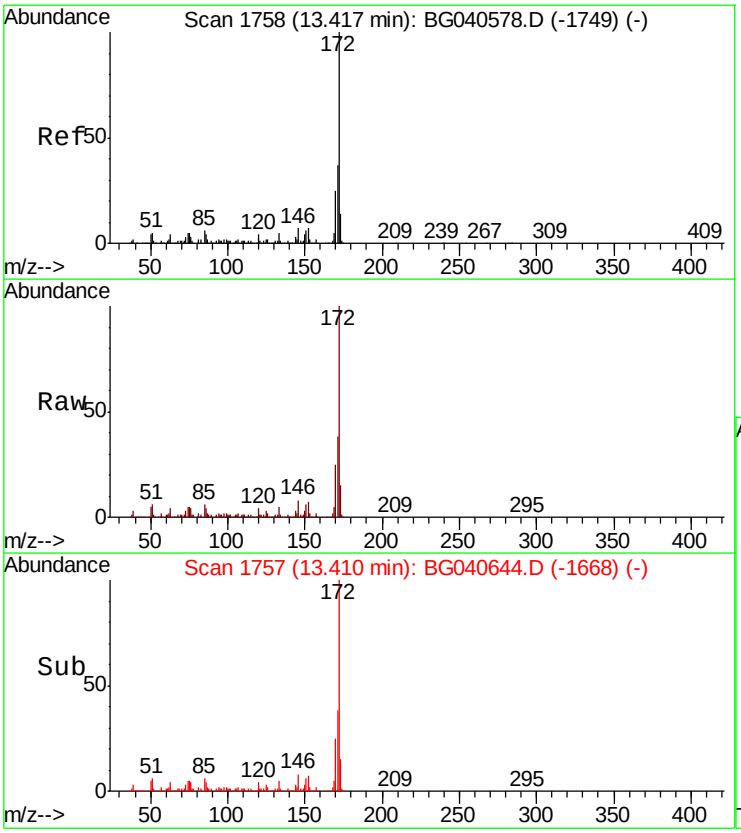
#42
2,4,6-Tribromophenol
Concen: 159.504 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Instrument :
BNA_G
ClientSampleId :
OK-01-042519

Tgt Ion:330 Resp: 300417

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.9	113.9
141	40.5	32.4	48.6

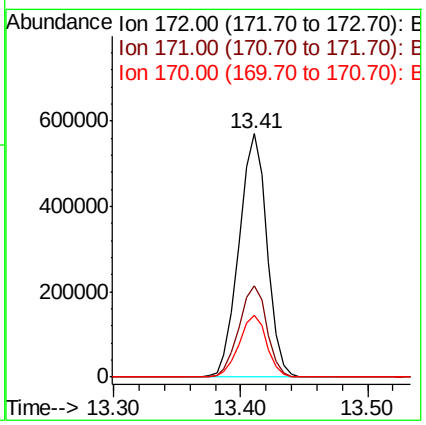


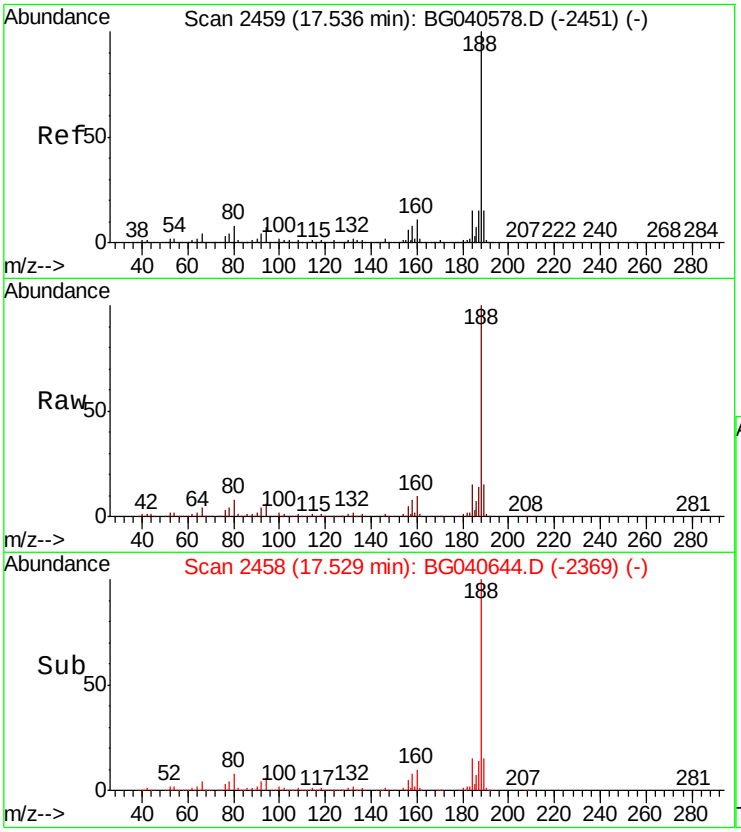


#45
2-Fluorobiphenyl
Concen: 91.708 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Tgt Ion:172 Resp: 870121

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.4	44.2
170	25.3	19.9	29.9



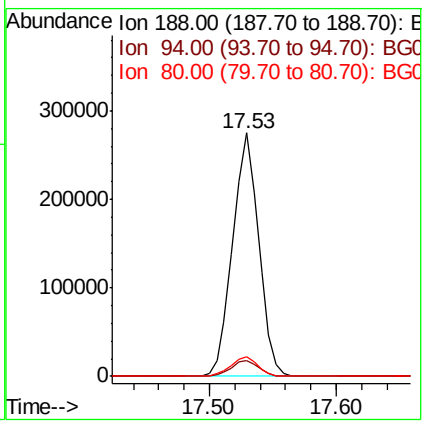


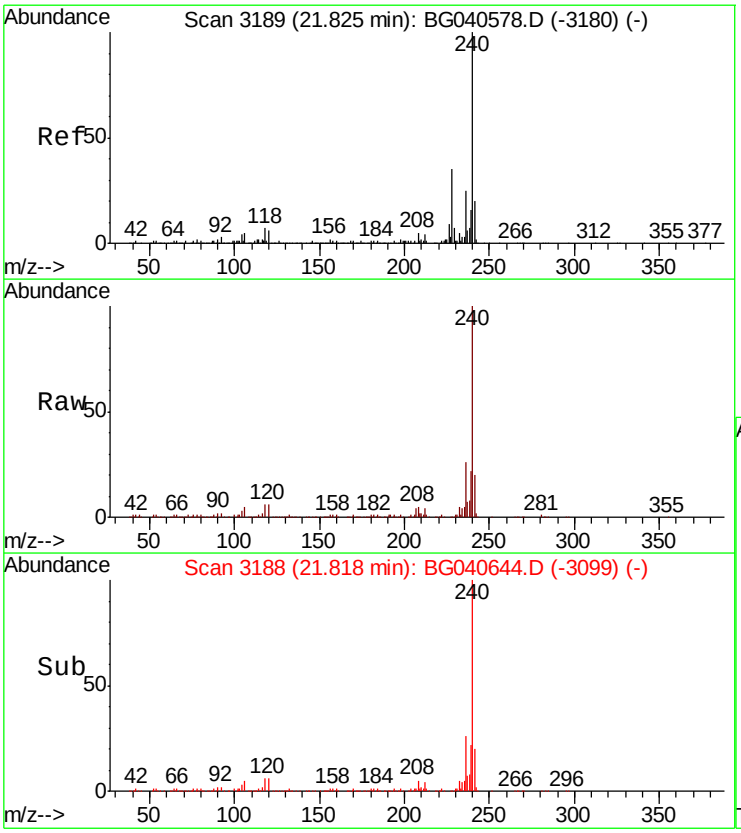
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Instrument :
BNA_G
ClientSampleId :
OK-01-042519

Tgt Ion:188 Resp: 390191

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.6	8.4
80	8.2	6.4	9.6

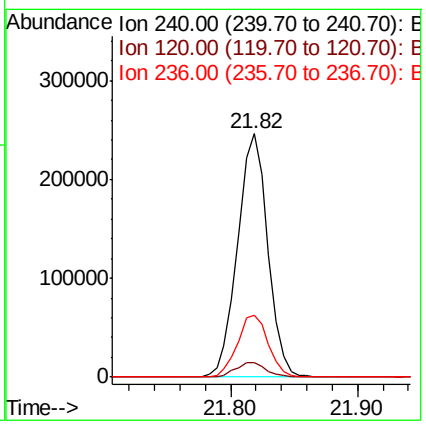


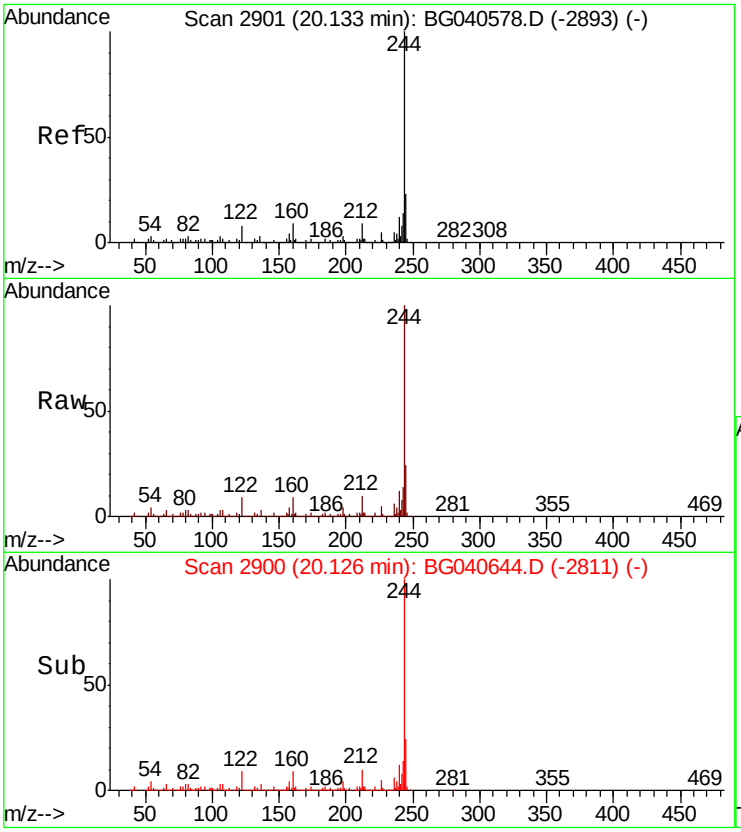


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Tgt Ion:240 Resp: 406753

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.0	7.6
236	25.6	20.3	30.5



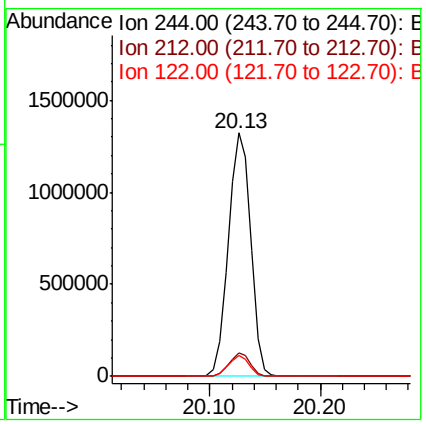


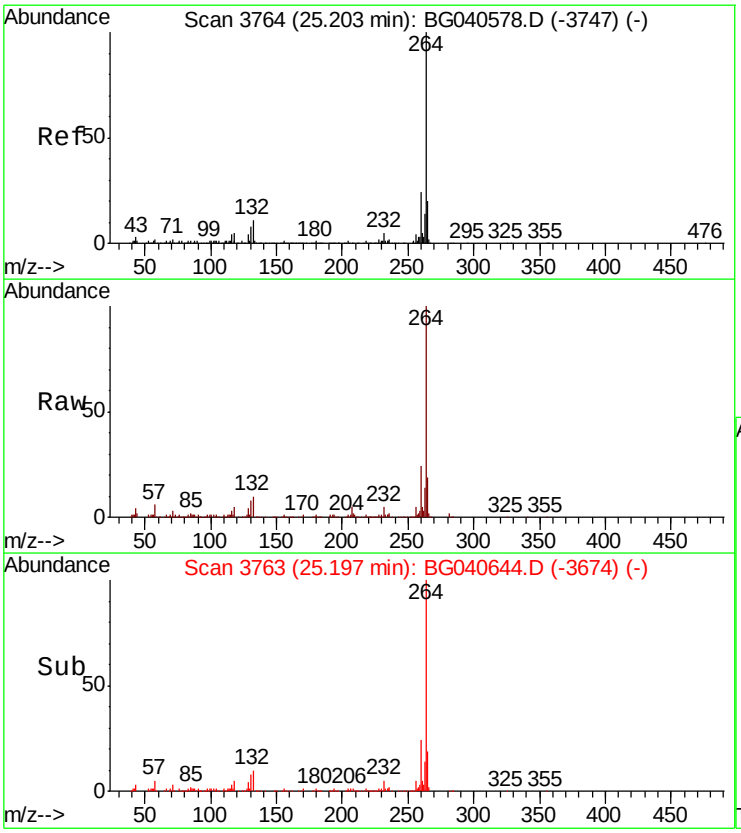
#79
Terphenyl-d14
Concen: 101.911 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.01 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Instrument :
BNA_G
ClientSampleId :
OK-01-042519

Tgt Ion:244 Resp: 1871089

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.2	10.8
122	8.7	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG040644.D
Acq: 27 Apr 2019 1:40

Tgt Ion:264 Resp: 422085

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	19.0	16.6	25.0