Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043760.D
Acq On : 23 Nov 2019 17:41
Operator : JU
Sample : K5670-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-112119

Quant Time: Nov 25 03:04:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33540	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	162053	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	146165	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	473459	20.00	ng	0.00
76) Chrysene-d12	21.66	240	677843	20.00	ng	0.00
87) Perylene-d12	24.84	264	608934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	309760	166.03	ng	0.00
7) Phenol-d6	7.18	99	476888	175.84	ng	0.00
23) Nitrobenzene-d5	9.18	82	250281	84.92	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	303227	172.00	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	733889	82.53	ng	0.00
79) Terphenyl-d14	20.01	244	2297198	76.58	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.21	94	11463	4.117	ng	93
50) Dimethylphthalate	14.10	163	179221	15.479	ng	97

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

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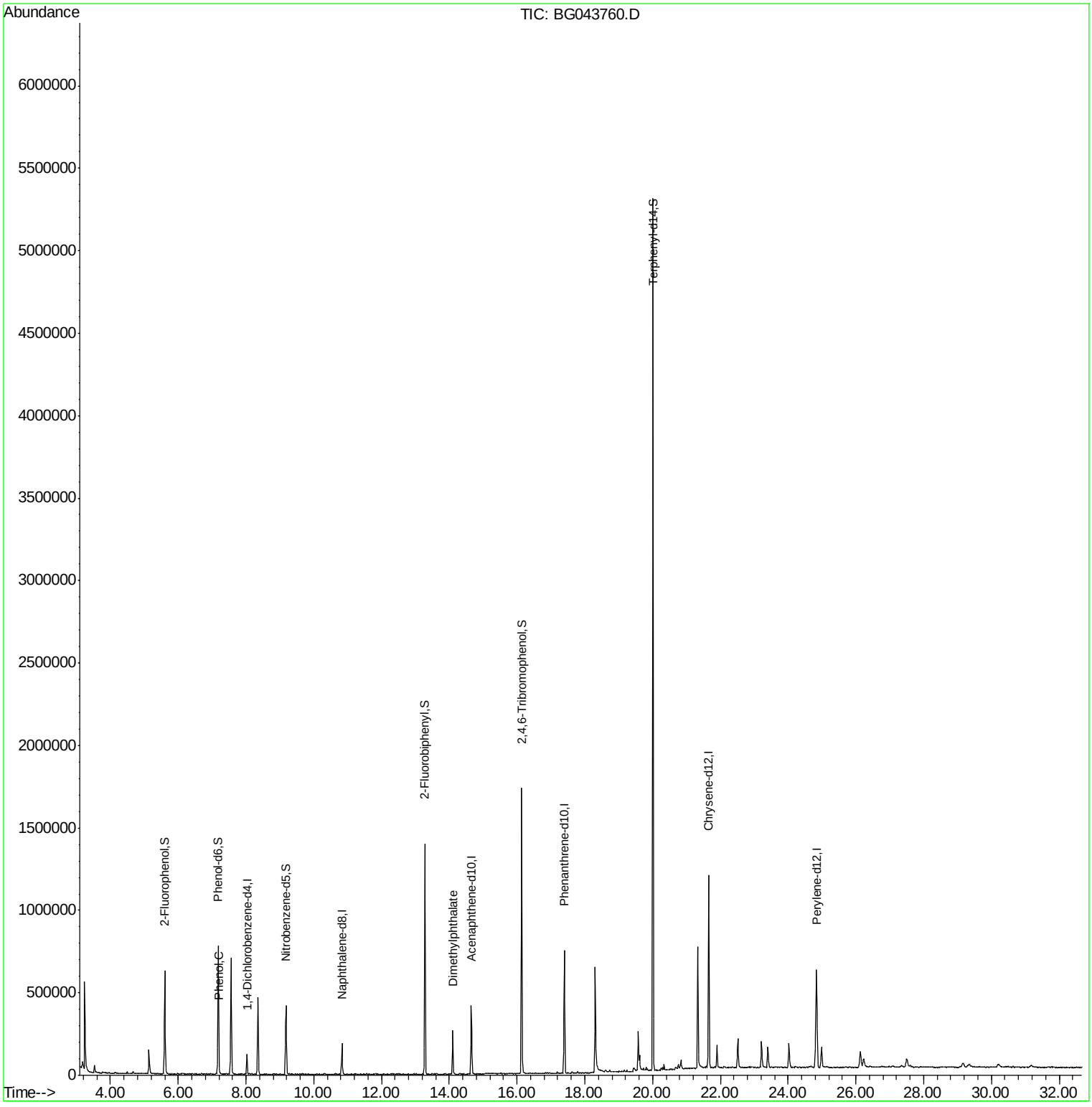
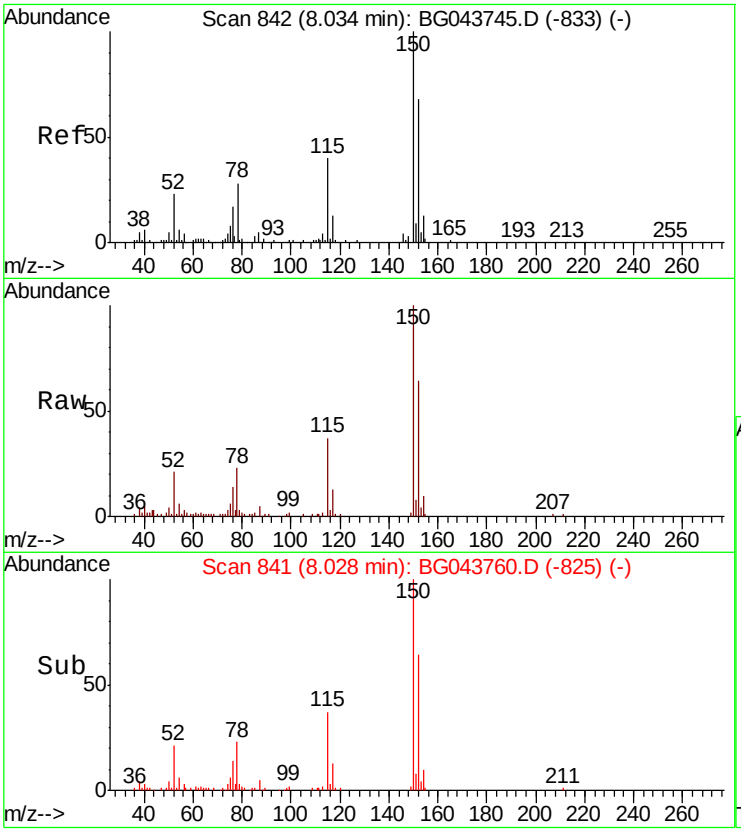


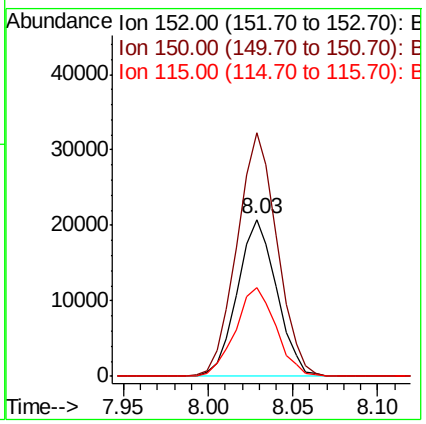


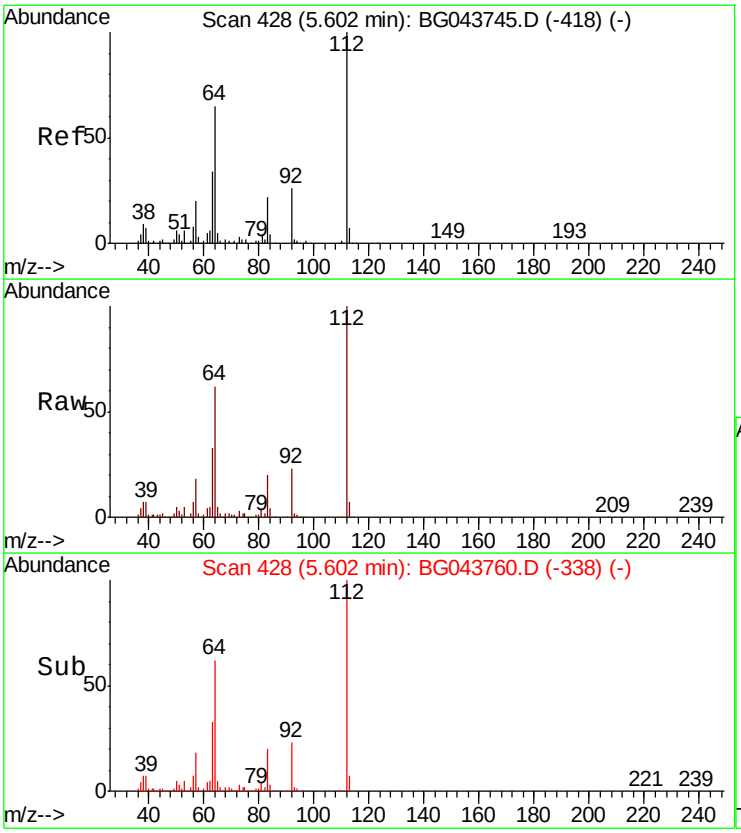
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:152 Resp: 33540

Ion	Ratio	Lower	Upper
152	100		
150	155.4	117.8	176.8
115	56.8	47.0	70.4

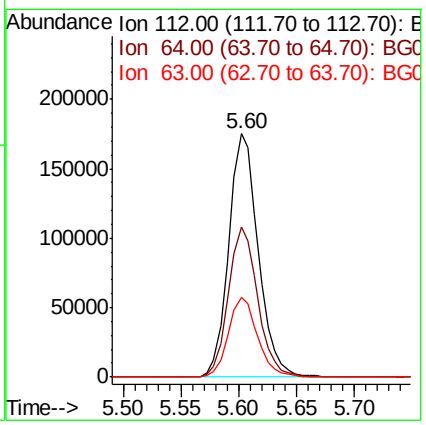


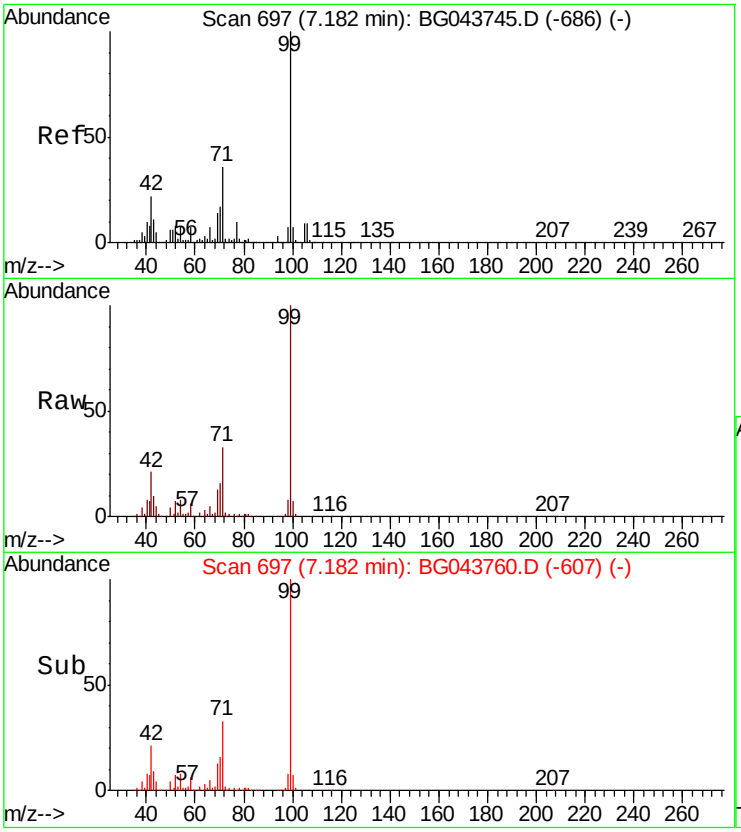


#5
2-Fluorophenol
Concen: 166.035 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Tgt Ion:112 Resp: 309760

Ion	Ratio	Lower	Upper
112	100		
64	61.7	51.7	77.5
63	33.0	26.8	40.2



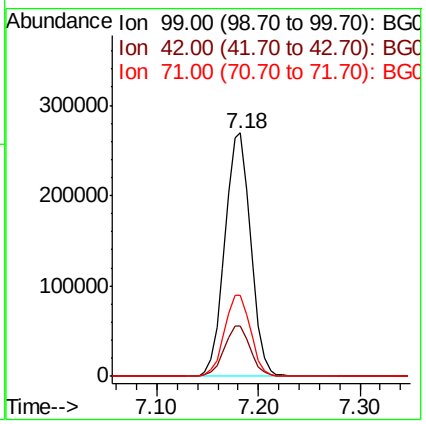


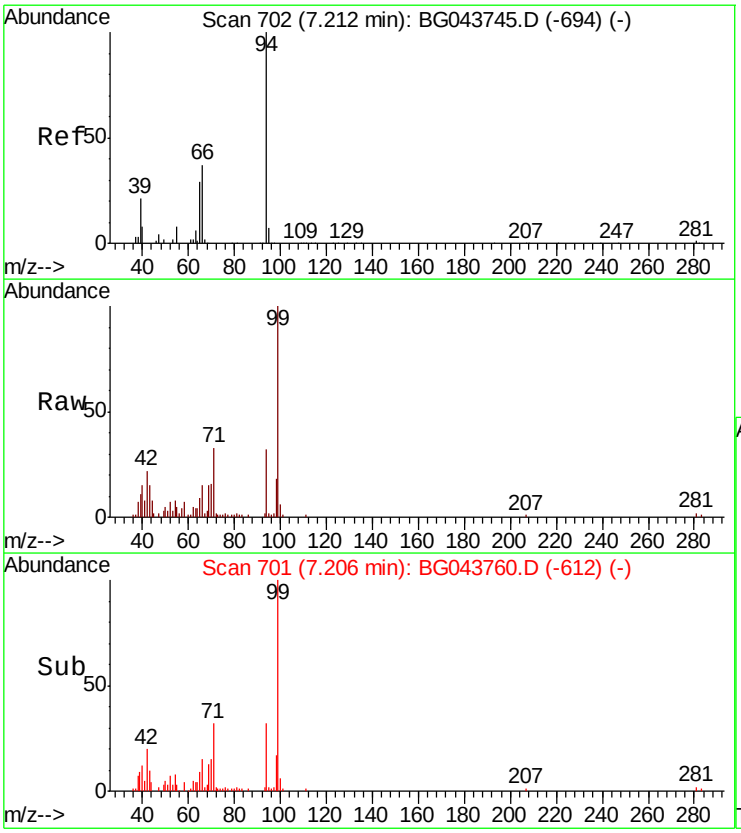
#7
Phenol-d6
Concen: 175.842 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion: 99 Resp: 476888

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.4	26.0
71	33.2	29.5	44.3

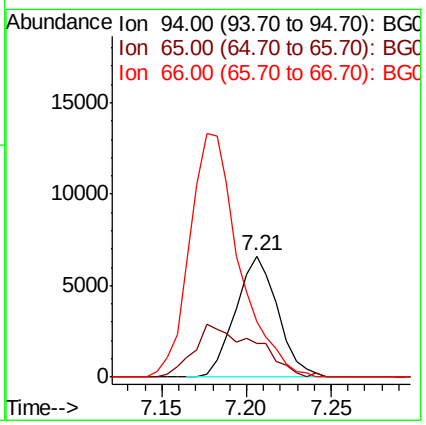


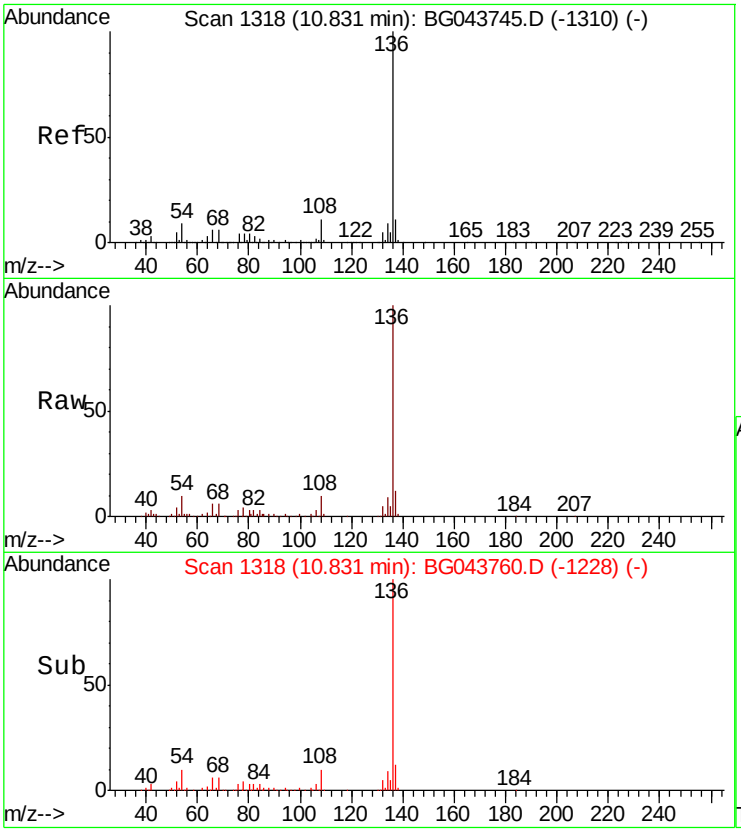


#10
Phenol
Concen: 4.117 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Tgt Ion: 94 Resp: 11463

Ion	Ratio	Lower	Upper
94	100		
65	27.9	10.3	50.3
66	46.0	20.5	60.5



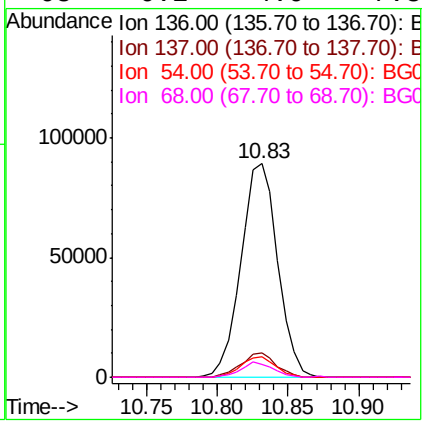


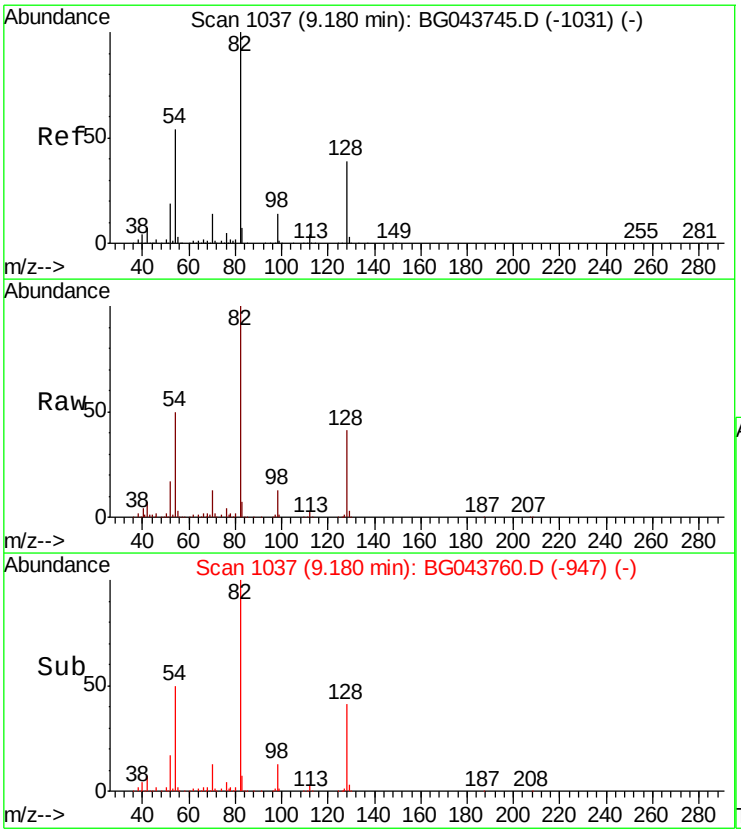
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:136 Resp: 162053

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	9.6	7.5	11.3
68	6.2	4.9	7.3

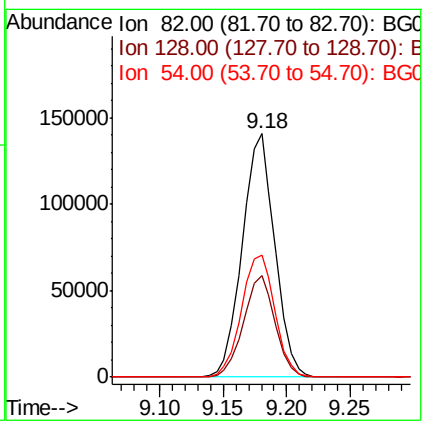


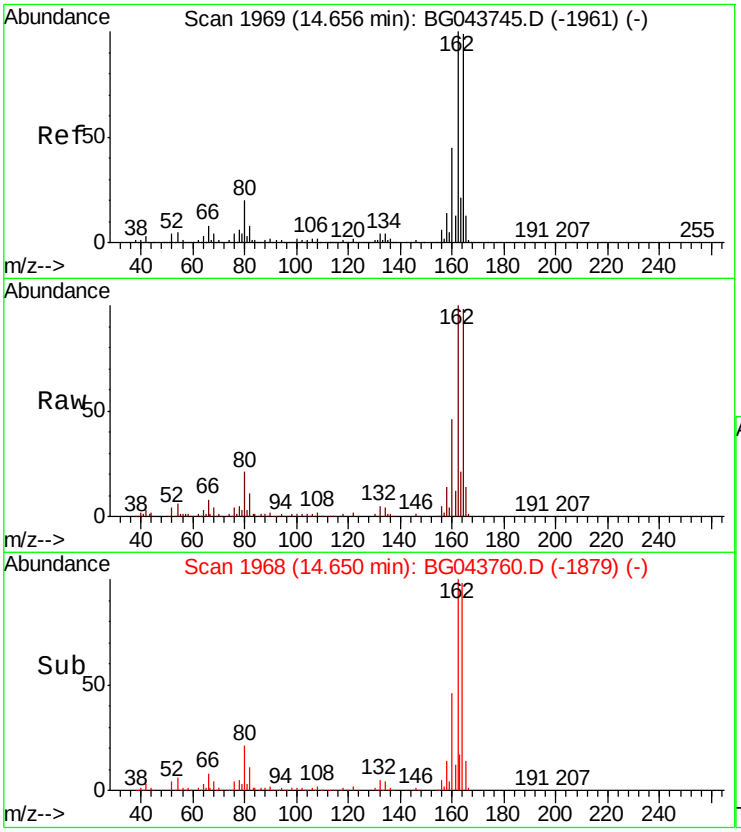


#23
Nitrobenzene-d5
Concen: 84.917 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Tgt Ion: 82 Resp: 250281

Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.3	46.9
54	50.2	42.7	64.1



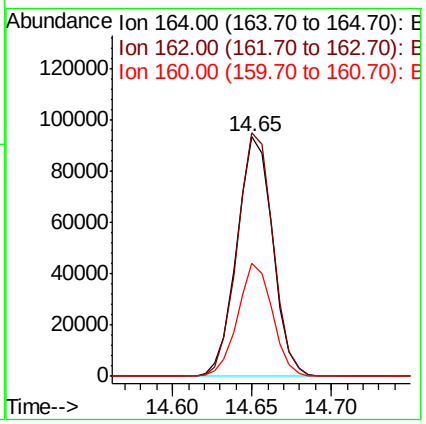


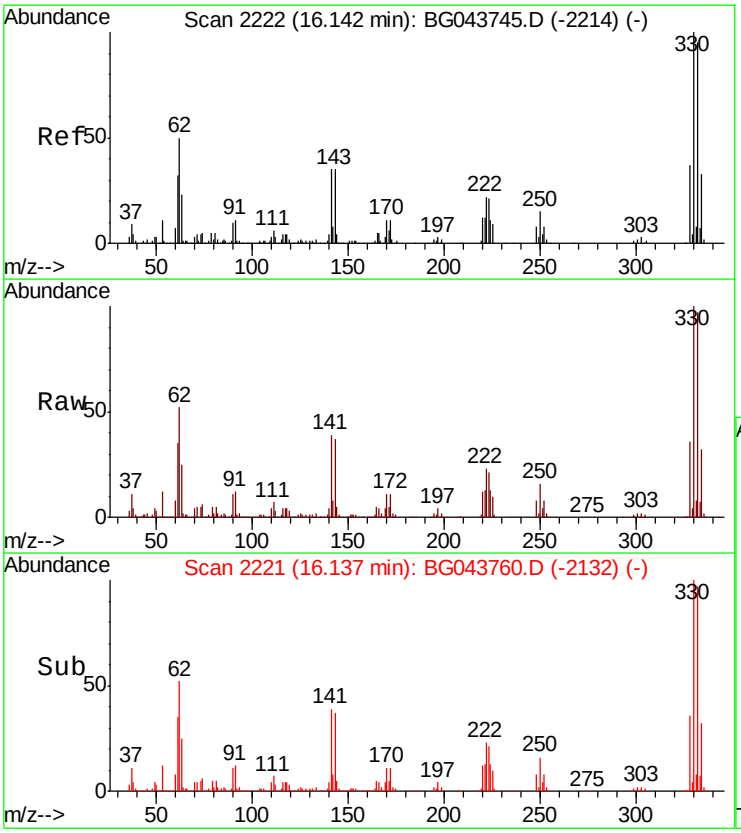
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:164 Resp: 146165

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	121.0
160	47.2	36.3	54.5

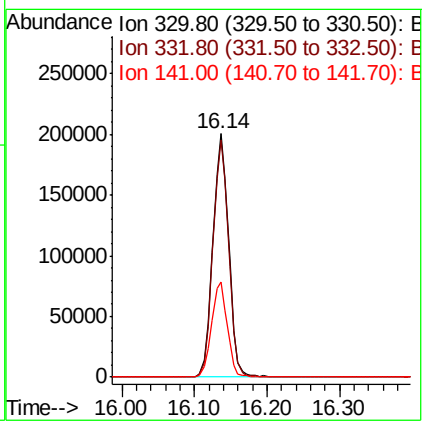


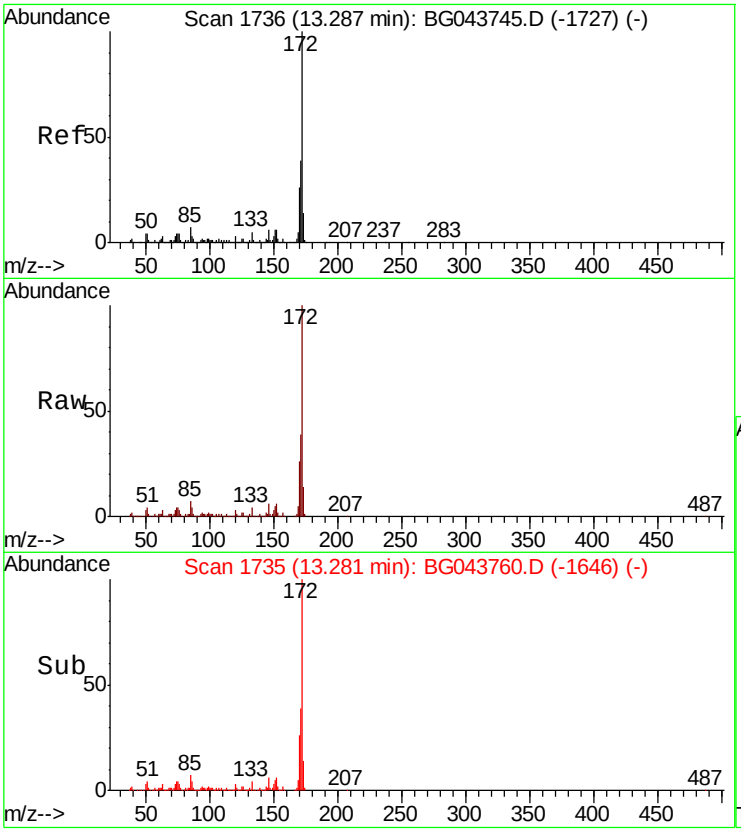


#42
2,4,6-Tribromophenol
Concen: 171.998 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Tgt Ion:330 Resp: 303227

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	38.8	31.4	47.2



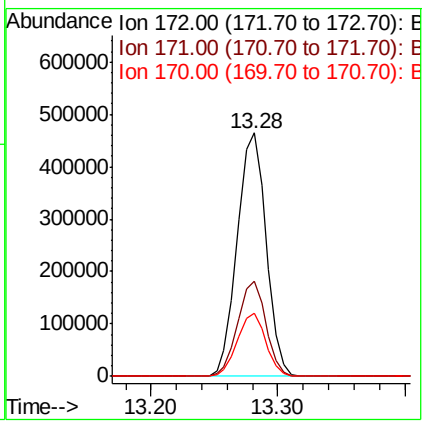


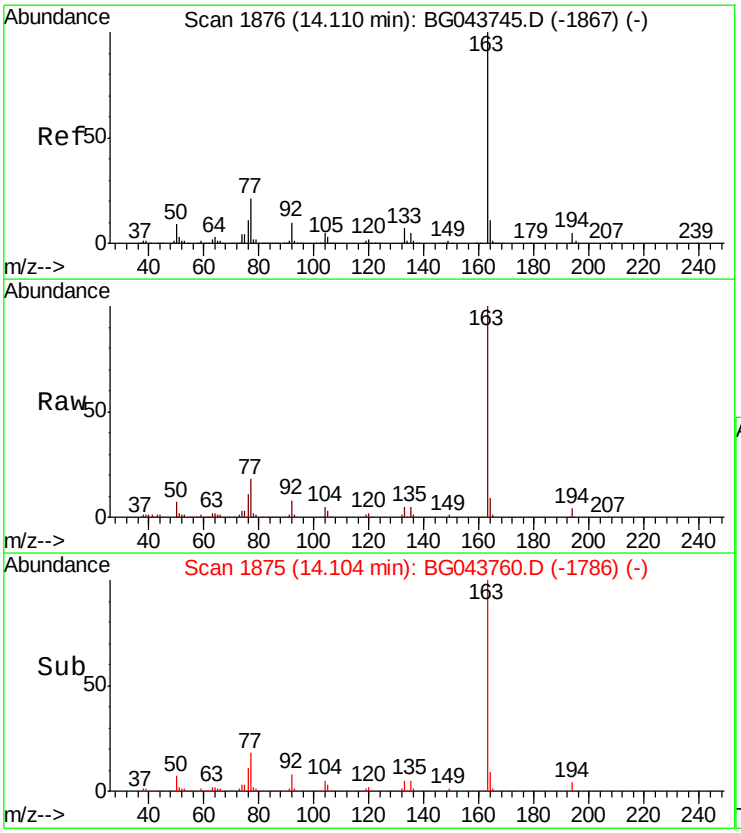
#45
2-Fluorobiphenyl
Concen: 82.534 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:172 Resp: 733889

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.6
170	26.0	21.0	31.4

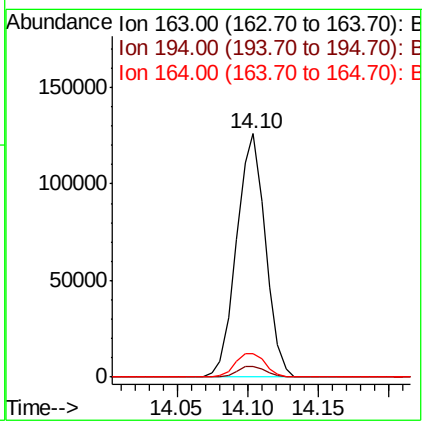


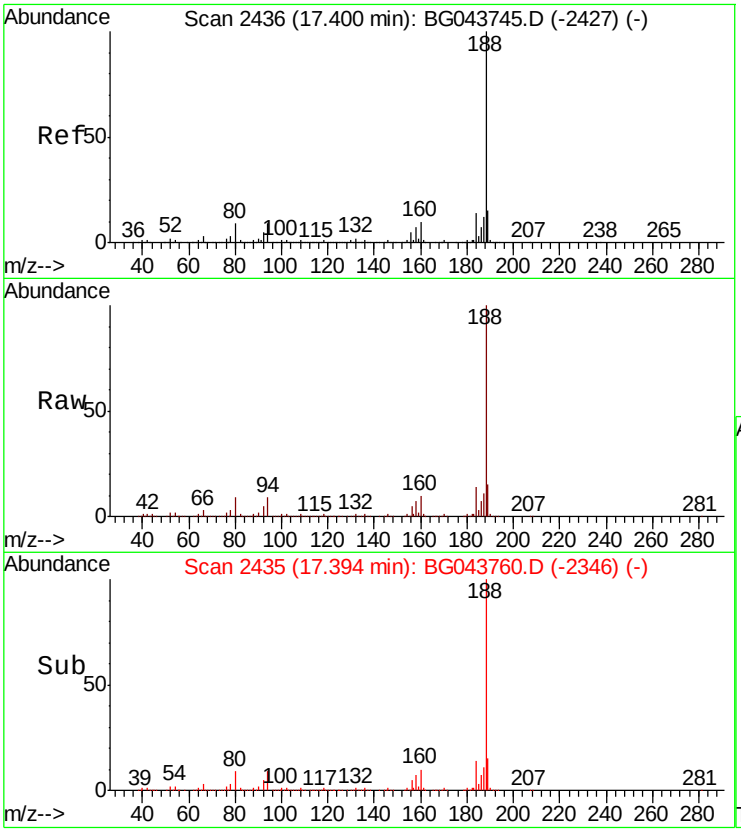


#50
Dimethylphthalate
Concen: 15.479 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Tgt Ion:163 Resp: 179221

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	9.5	8.7	13.1



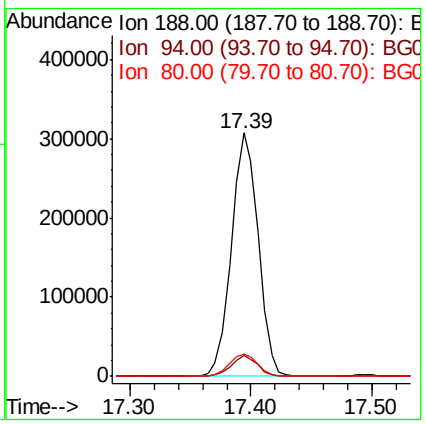


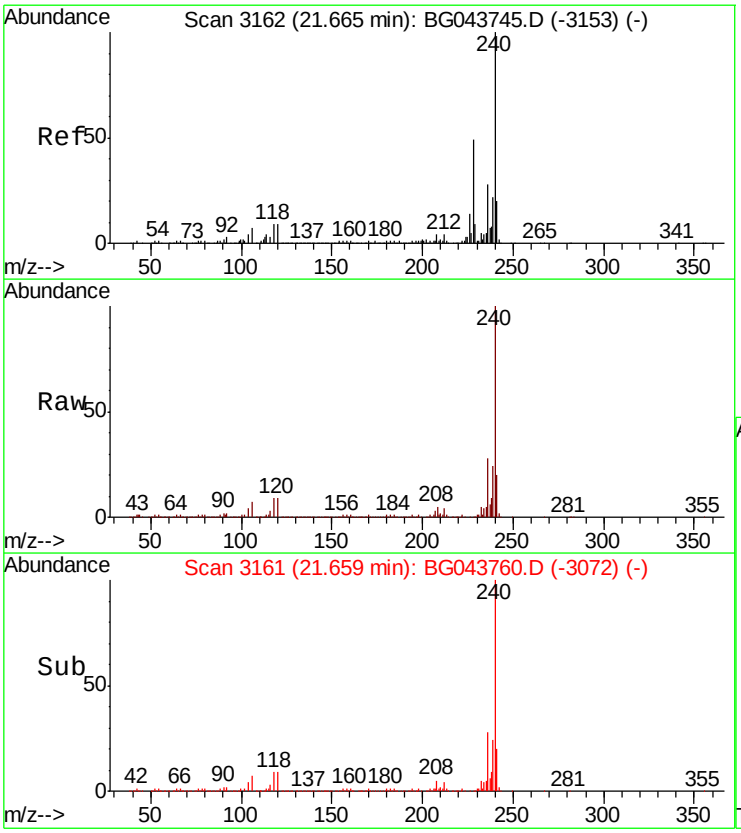
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:188 Resp: 473459

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.2	7.5	11.3

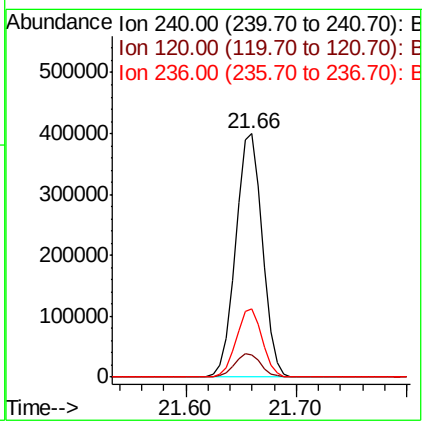


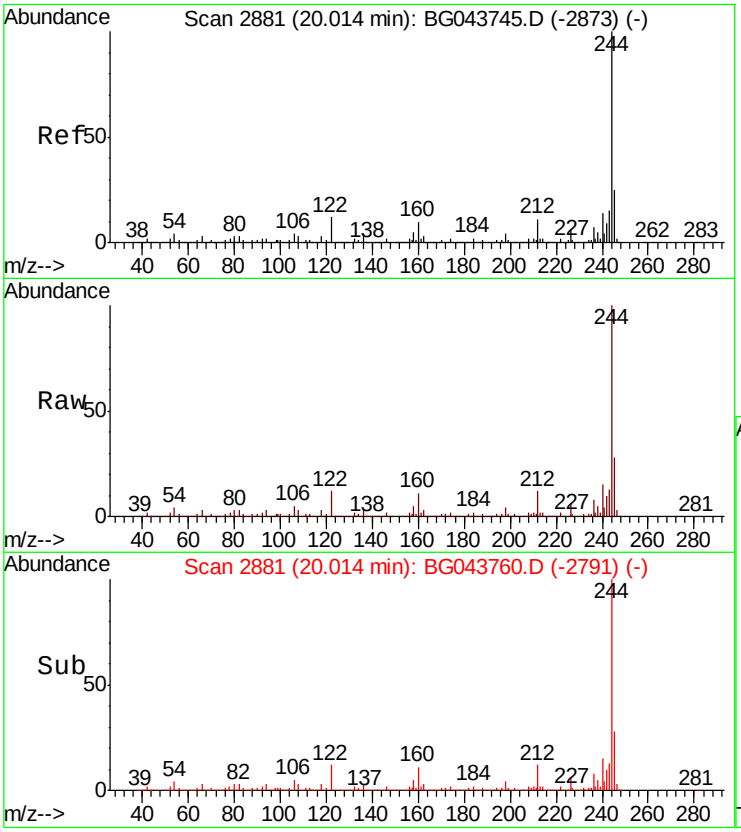


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Tgt Ion:240 Resp: 677843

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.5	11.3
236	27.9	22.6	34.0



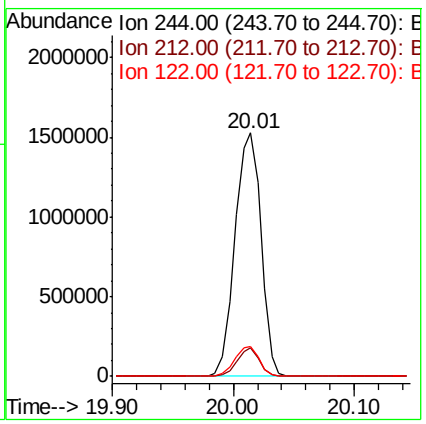


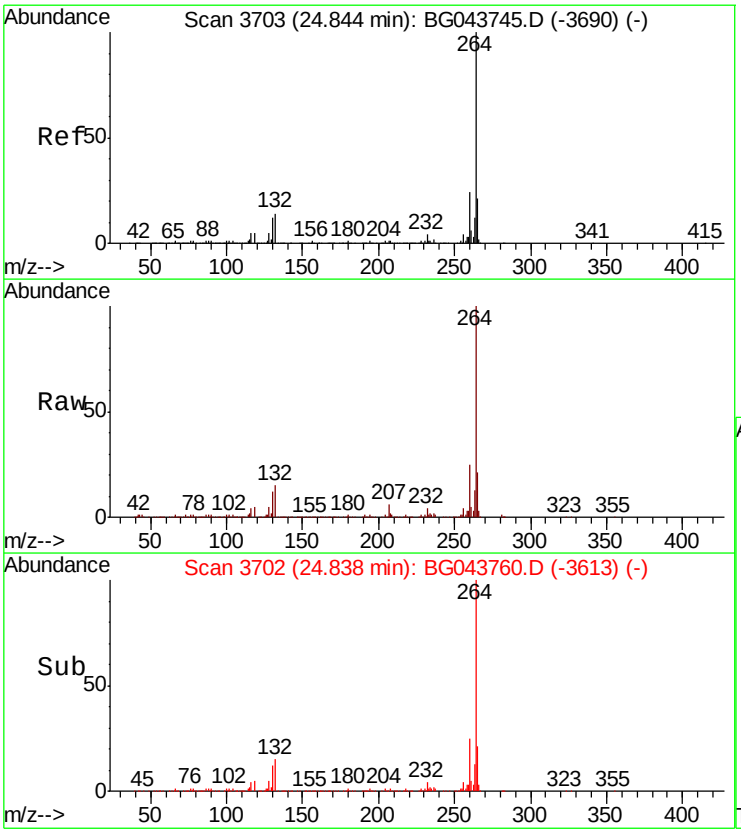
#79
Terphenyl-d14
Concen: 76.579 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:244 Resp: 2297198

Ion	Ratio	Lower	Upper
244	100		
212	11.6	8.5	12.7
122	12.3	9.5	14.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG043760.D
Acq: 23 Nov 2019 17:41

Tgt Ion:264 Resp: 608934

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.2	17.0	25.6