Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043689.D
Acq On : 19 Nov 2019 1:28
Operator : JU
Sample : K5833-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8-(2-4)

Quant Time: Nov 19 03:01:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28246	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	105782	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	78520	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	195669	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	213971	20.00	ng	-0.03
87) Perylene-d12	24.81	264	254516	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	201508	130.73	ng	0.00
7) Phenol-d6	7.19	99	285026	128.52	ng	0.00
23) Nitrobenzene-d5	9.16	82	171057	83.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	169778	113.62	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	442192	77.82	ng	-0.02
79) Terphenyl-d14	19.98	244	910302	79.81	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.22	94	11242	5.547	ng	94
50) Dimethylphthalate	14.07	163	67096	11.032	ng	98

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

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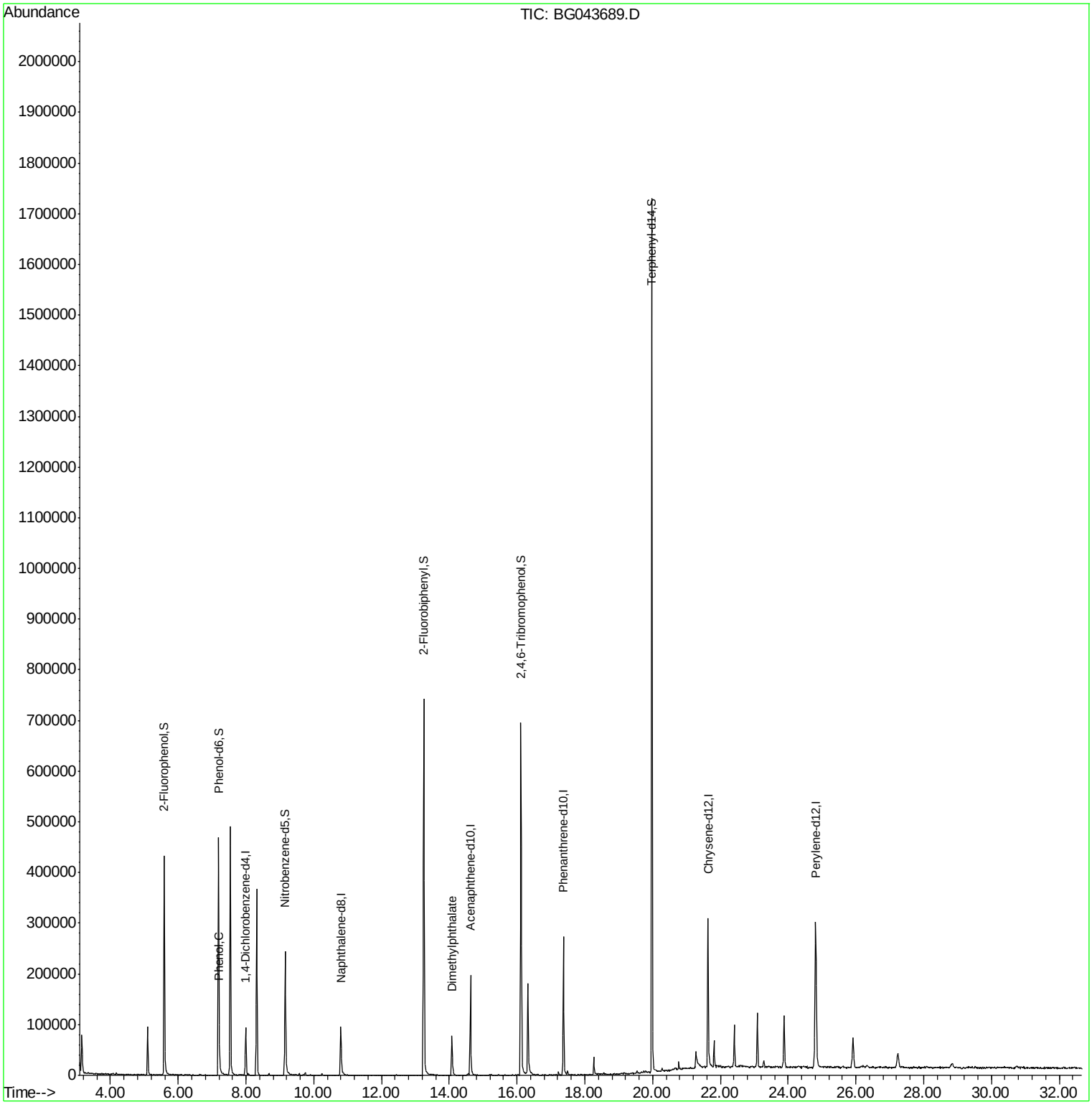
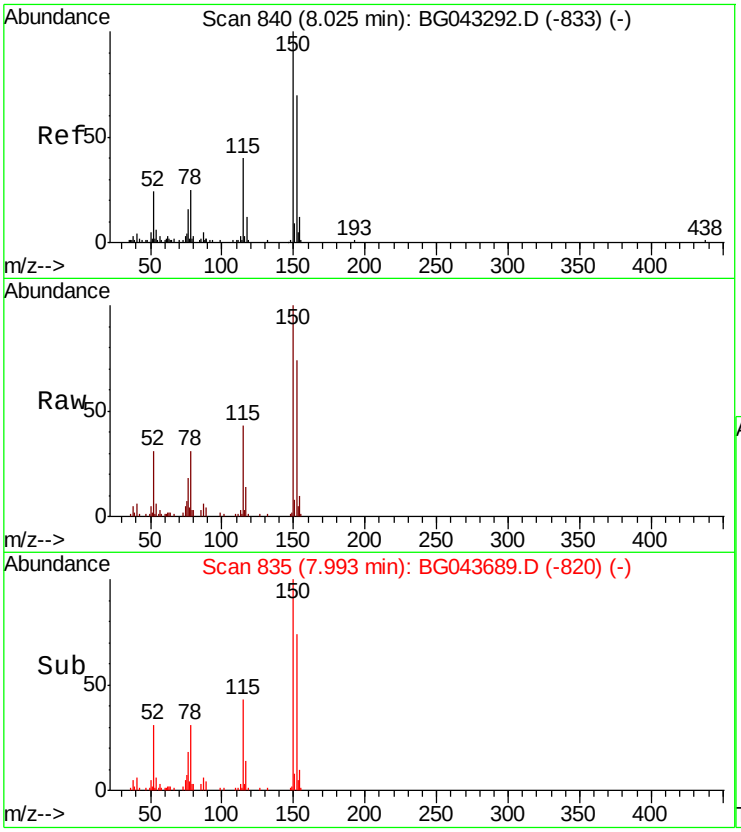


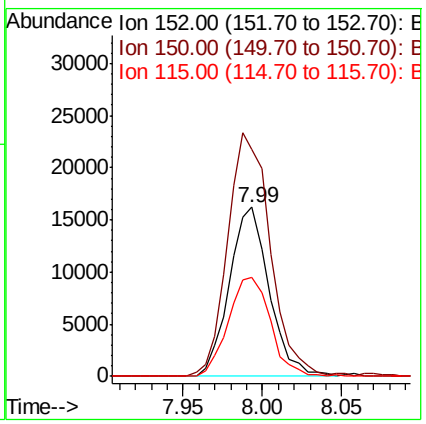


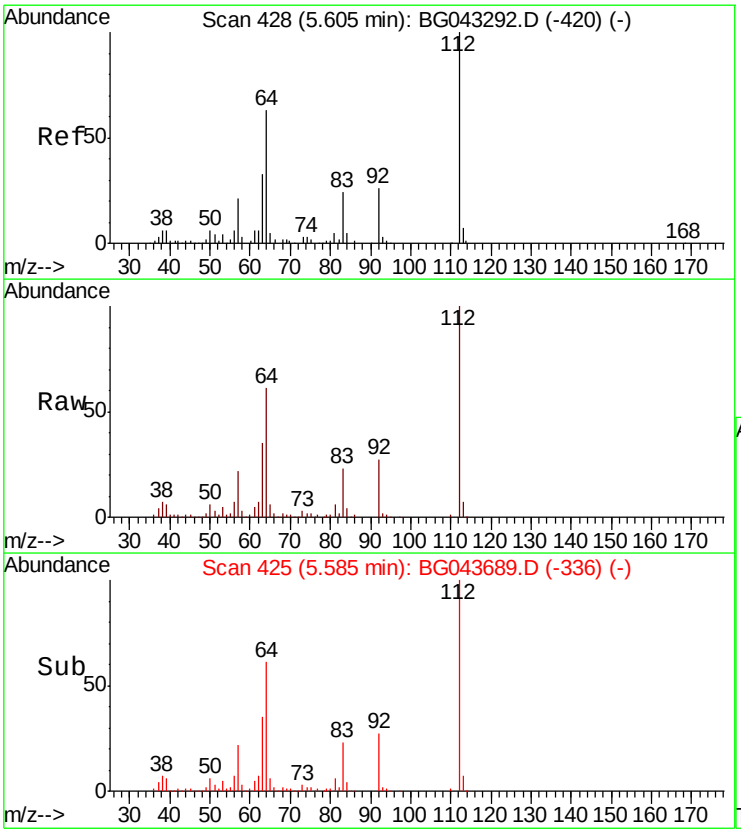
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Instrument :
BNA_G
ClientSampleId :
8-(2-4)

Tgt Ion:152 Resp: 28246

Ion	Ratio	Lower	Upper
152	100		
150	134.5	129.4	194.0
115	58.4	48.8	73.2

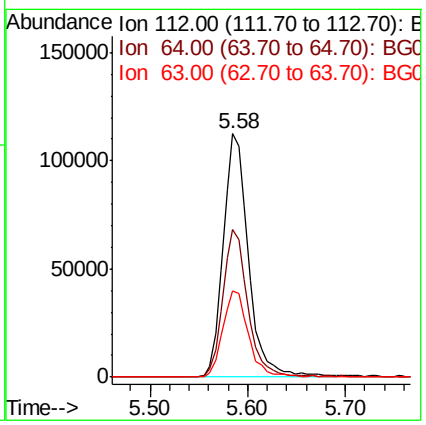


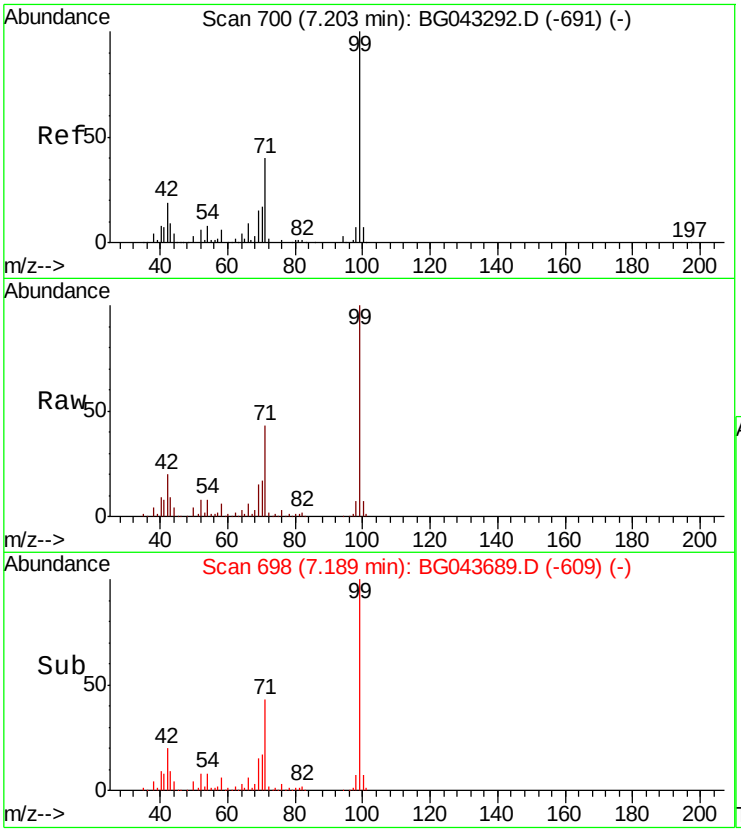


#5
2-Fluorophenol
Concen: 130.727 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Tgt Ion:112 Resp: 201508

Ion	Ratio	Lower	Upper
112	100		
64	60.8	50.0	75.0
63	35.1	26.6	40.0



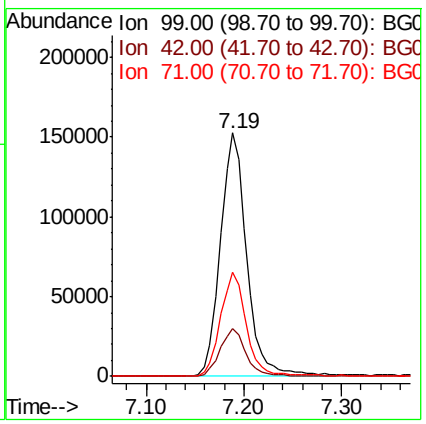


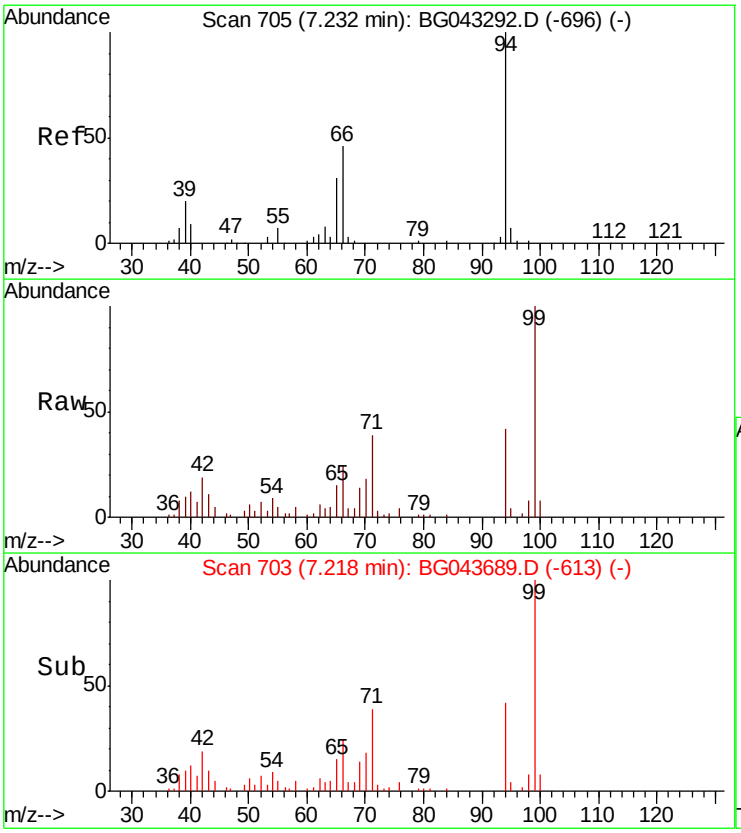
#7
Phenol-d6
Concen: 128.520 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Instrument :
BNA_G
ClientSampleId :
8-(2-4)

Tgt Ion: 99 Resp: 285026

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.6	21.8
71	42.6	32.5	48.7

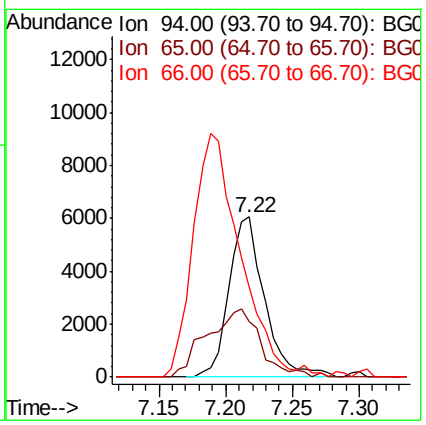


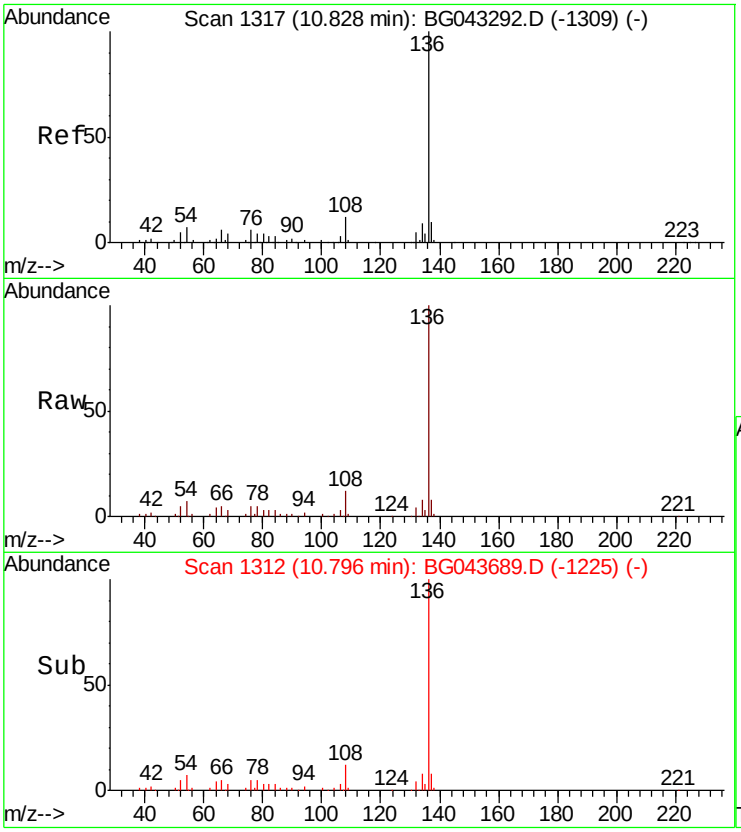


#10
Phenol
Concen: 5.547 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Tgt Ion: 94 Resp: 11242

Ion	Ratio	Lower	Upper
94	100		
65	34.3	12.6	52.6
66	56.2	30.7	70.7



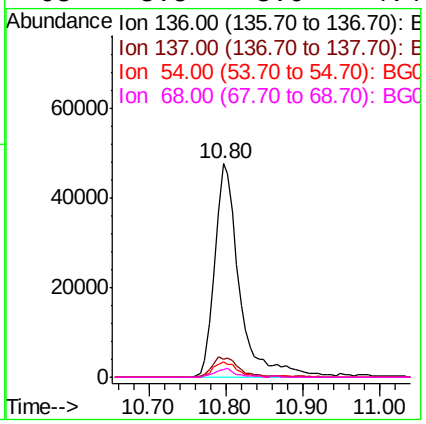


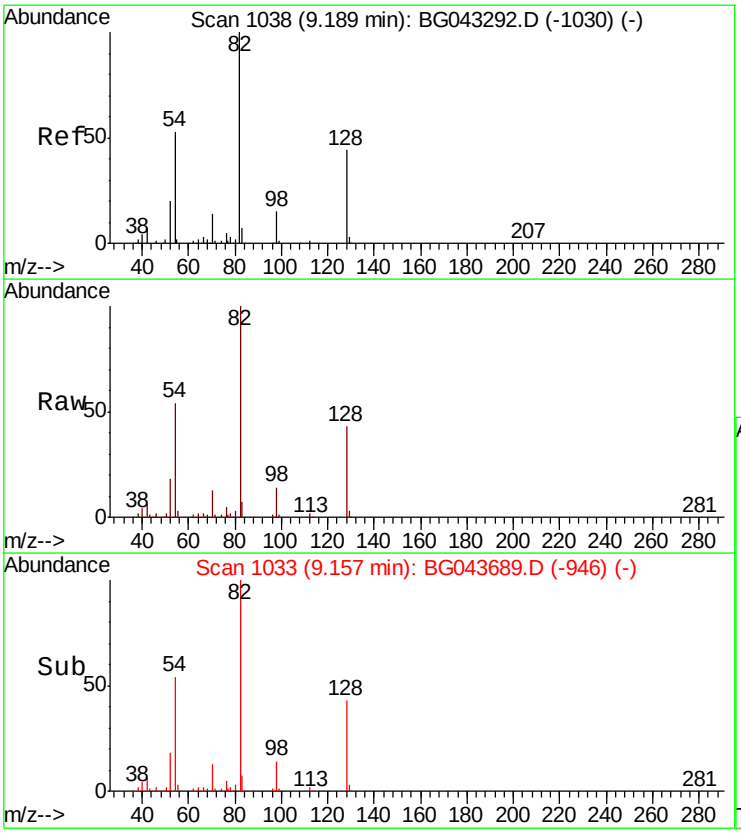
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Instrument :
BNA_G
ClientSampleId :
8-(2-4)

Tgt Ion:136 Resp: 105782

Ion	Ratio	Lower	Upper
136	100		
137	8.4	8.7	13.1#
54	7.3	5.4	8.2
68	3.5	3.0	4.4

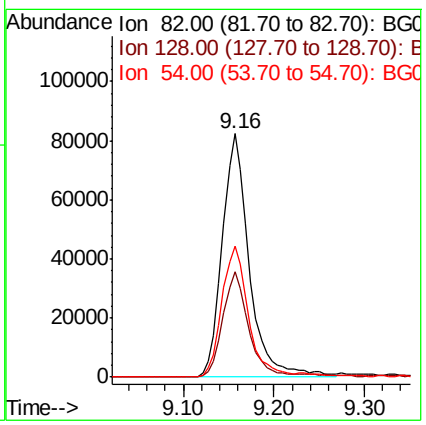


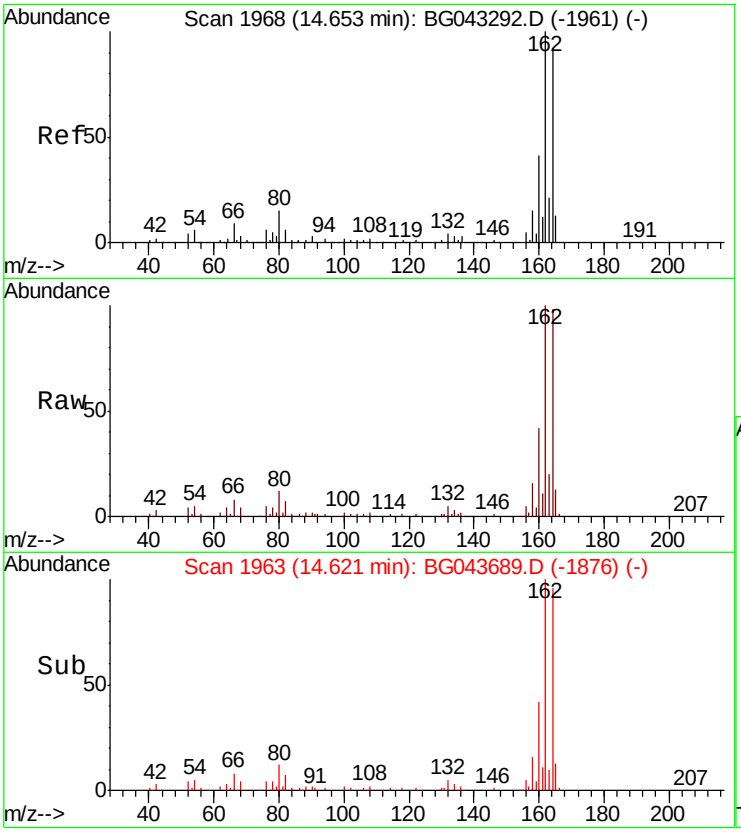


#23
Nitrobenzene-d5
Concen: 83.367 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Tgt Ion: 82 Resp: 171057

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.0	52.6
54	53.8	40.2	60.2



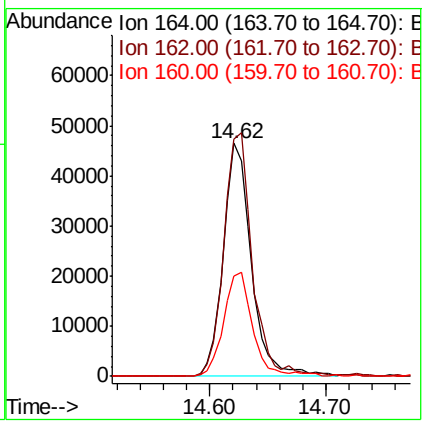


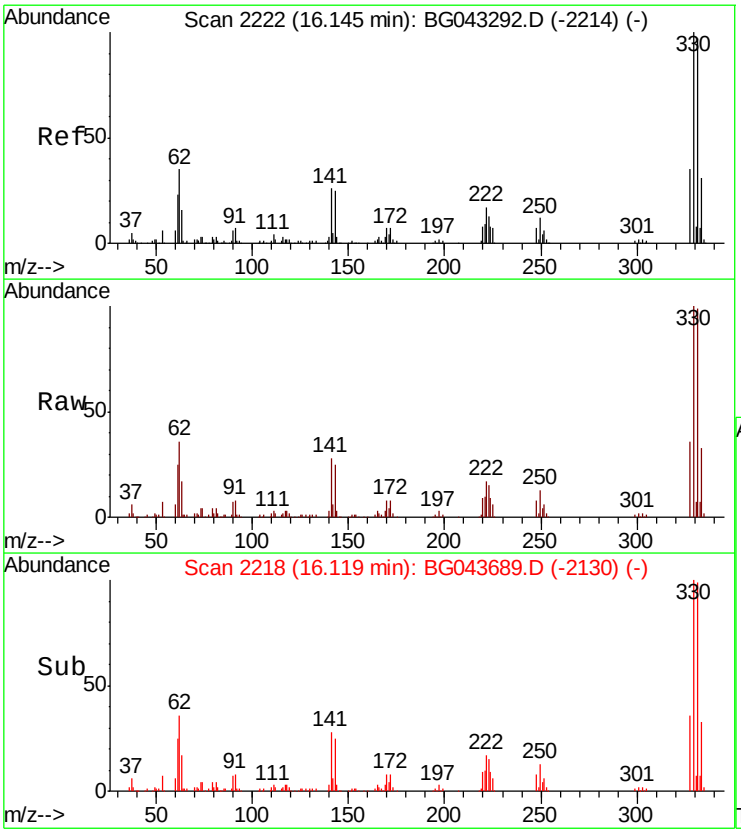
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Instrument :
BNA_G
ClientSampleId :
8-(2-4)

Tgt Ion:164 Resp: 78520

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.5	125.3
160	42.8	36.5	54.7

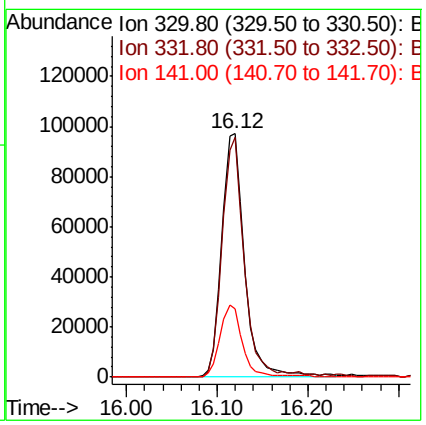


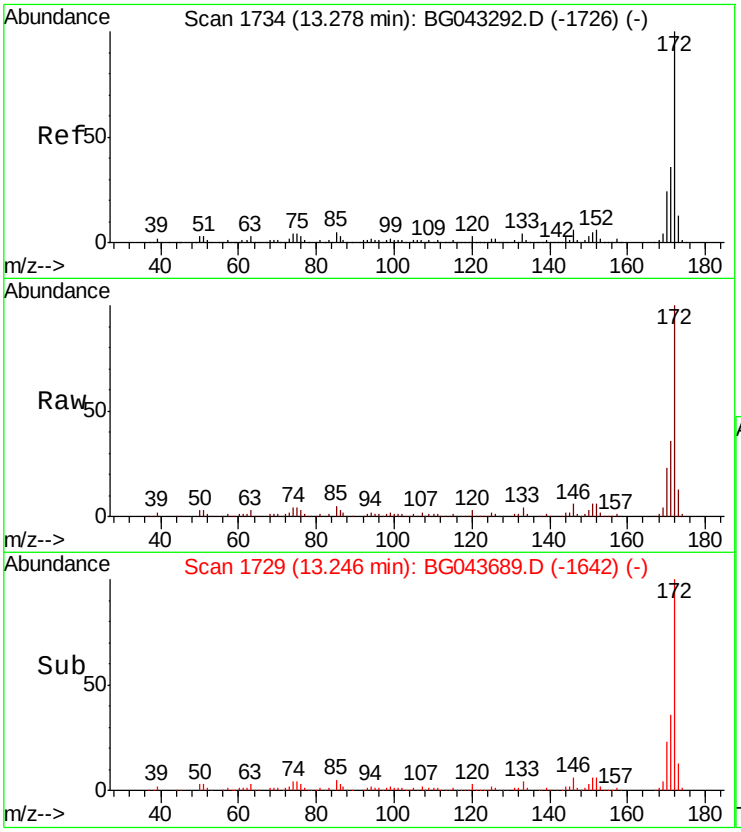


#42
2,4,6-Tribromophenol
Concen: 113.622 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Tgt Ion:330 Resp: 169778

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.0
141	29.3	22.8	34.2



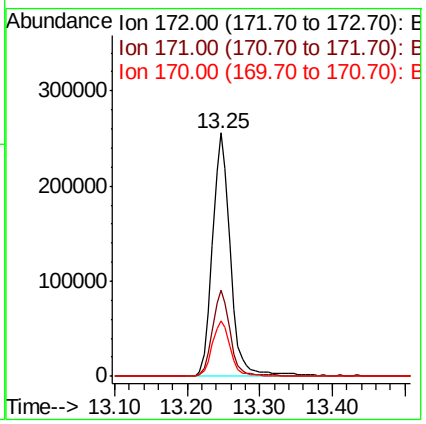


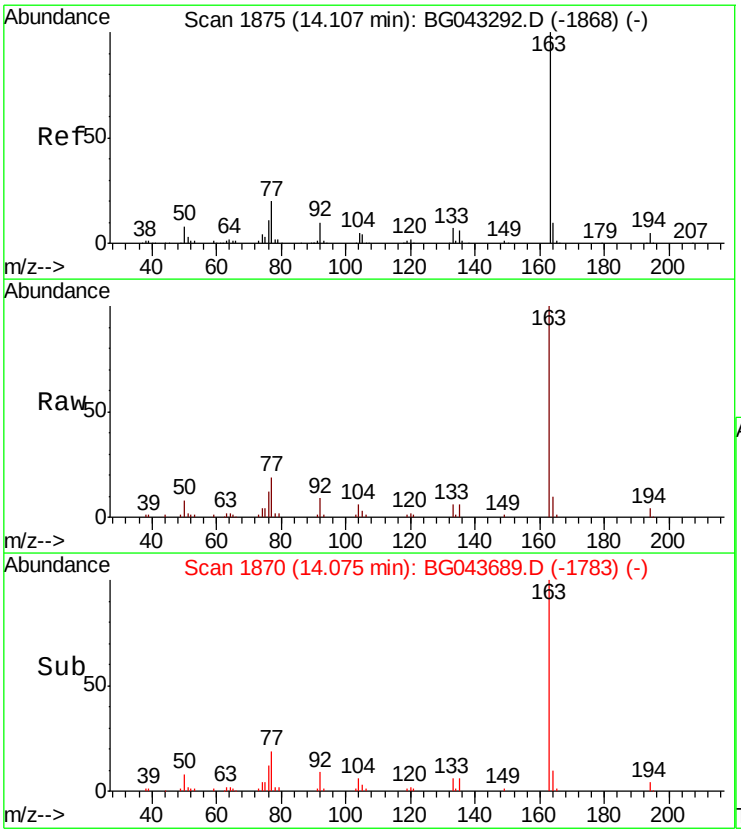
#45
2-Fluorobiphenyl
Concen: 77.817 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Instrument :
BNA_G
ClientSampleId :
8-(2-4)

Tgt Ion:172 Resp: 442192

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	22.7	18.5	27.7

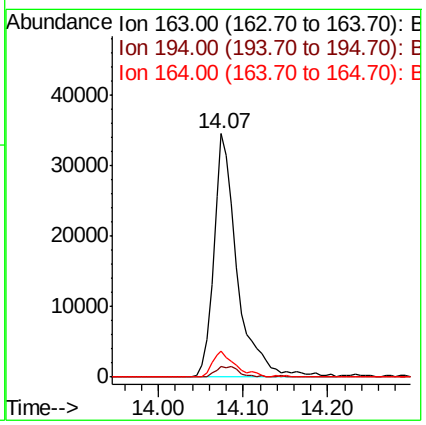


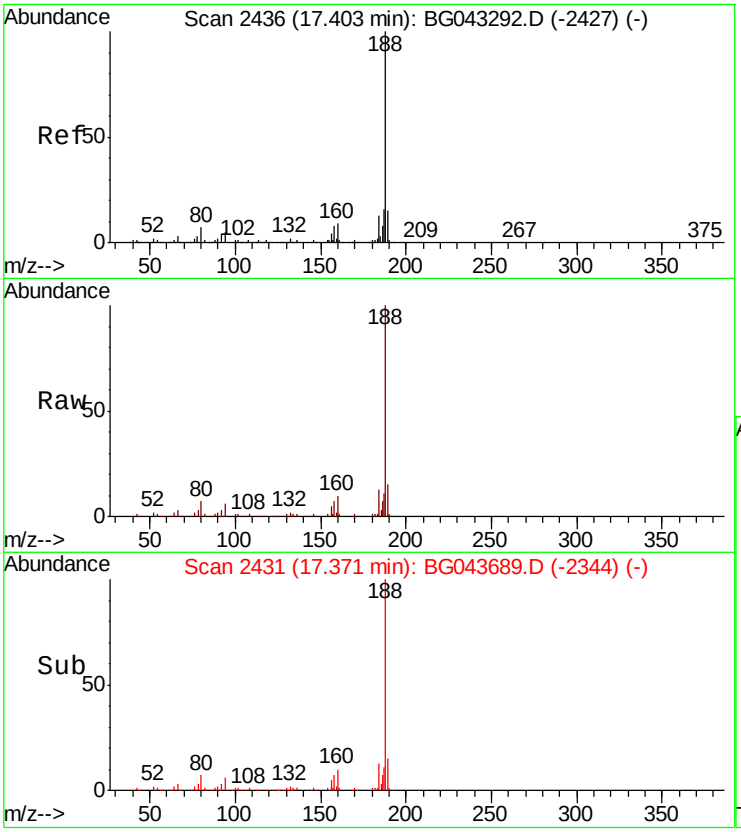


#50
Dimethylphthalate
Concen: 11.032 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Tgt Ion:163 Resp: 67096

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	10.4	8.9	13.3



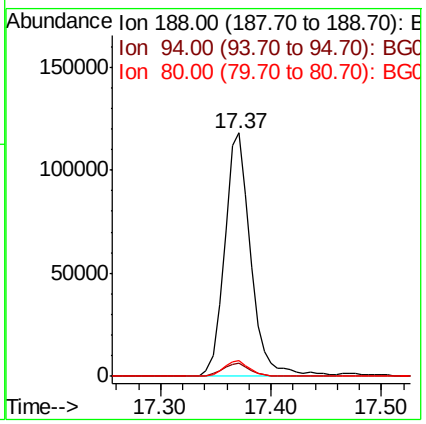


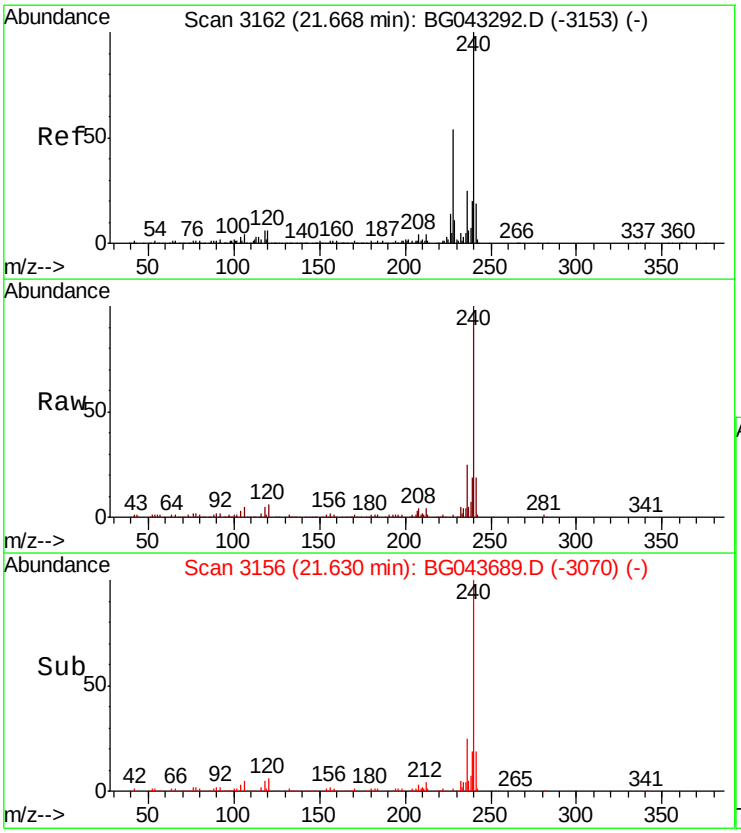
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Instrument :
BNA_G
ClientSampleId :
8-(2-4)

Tgt Ion:188 Resp: 195669

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	6.6	4.5	6.7

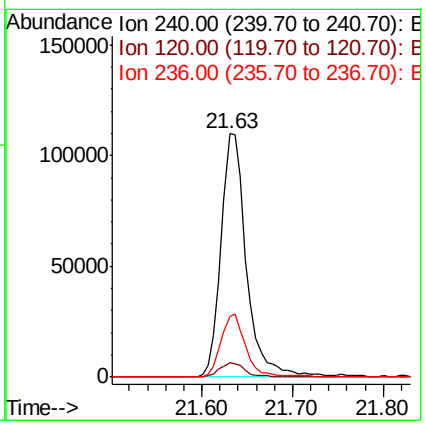


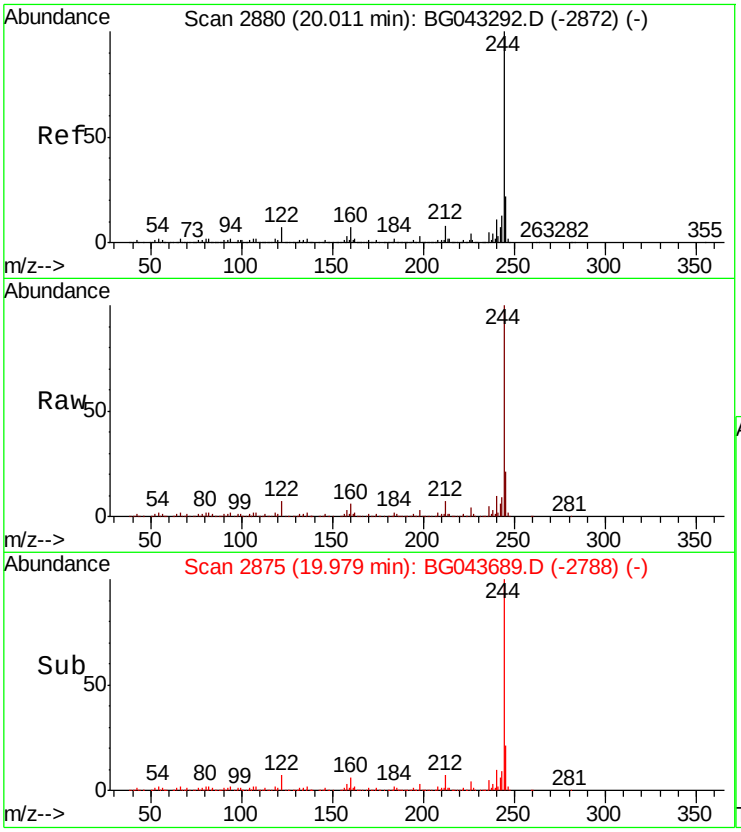


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.03 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Tgt Ion:240 Resp: 213971

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.6	6.8
236	25.1	19.8	29.8



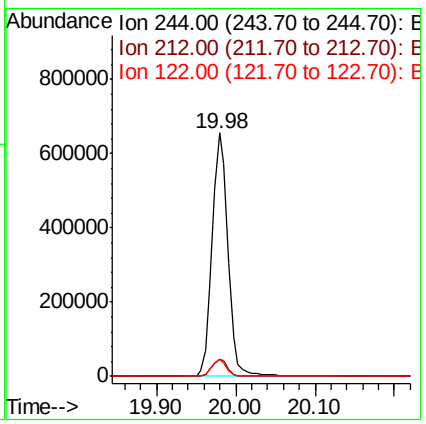


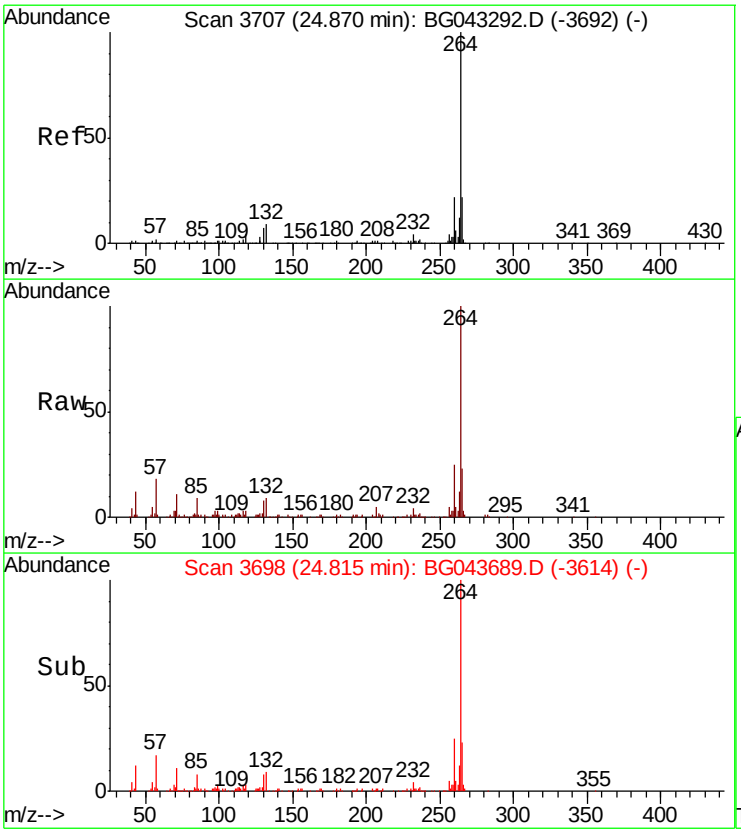
#79
Terphenyl-d14
Concen: 79.814 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Instrument :
BNA_G
ClientSampleId :
8-(2-4)

Tgt Ion:244 Resp: 910302

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.9	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043689.D
Acq: 19 Nov 2019 1:28

Tgt Ion:264 Resp: 254516

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.5	26.3
265	22.8	17.4	26.0