Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043671.D
Acq On : 16 Nov 2019 4:18
Operator : JU
Sample : K5840-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PHIPPS-BH-SW-03

Quant Time: Nov 16 05:36:04 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	8.00	152	24675	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	93224	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	75829	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	176596	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	177700	20.00	ng	-0.02
87) Perylene-d12	24.82	264	223433	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	100726	74.80	ng	0.00
7) Phenol-d6	7.19	99	208310	107.52	ng	0.00
23) Nitrobenzene-d5	9.16	82	137773	76.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	36206	25.09	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	417656	76.11	ng	-0.02
79) Terphenyl-d14	19.98	244	812724	85.80	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.22	94	8254	4.662	ng	# 57
50) Dimethylphthalate	14.08	163	26252	4.470	ng	99

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

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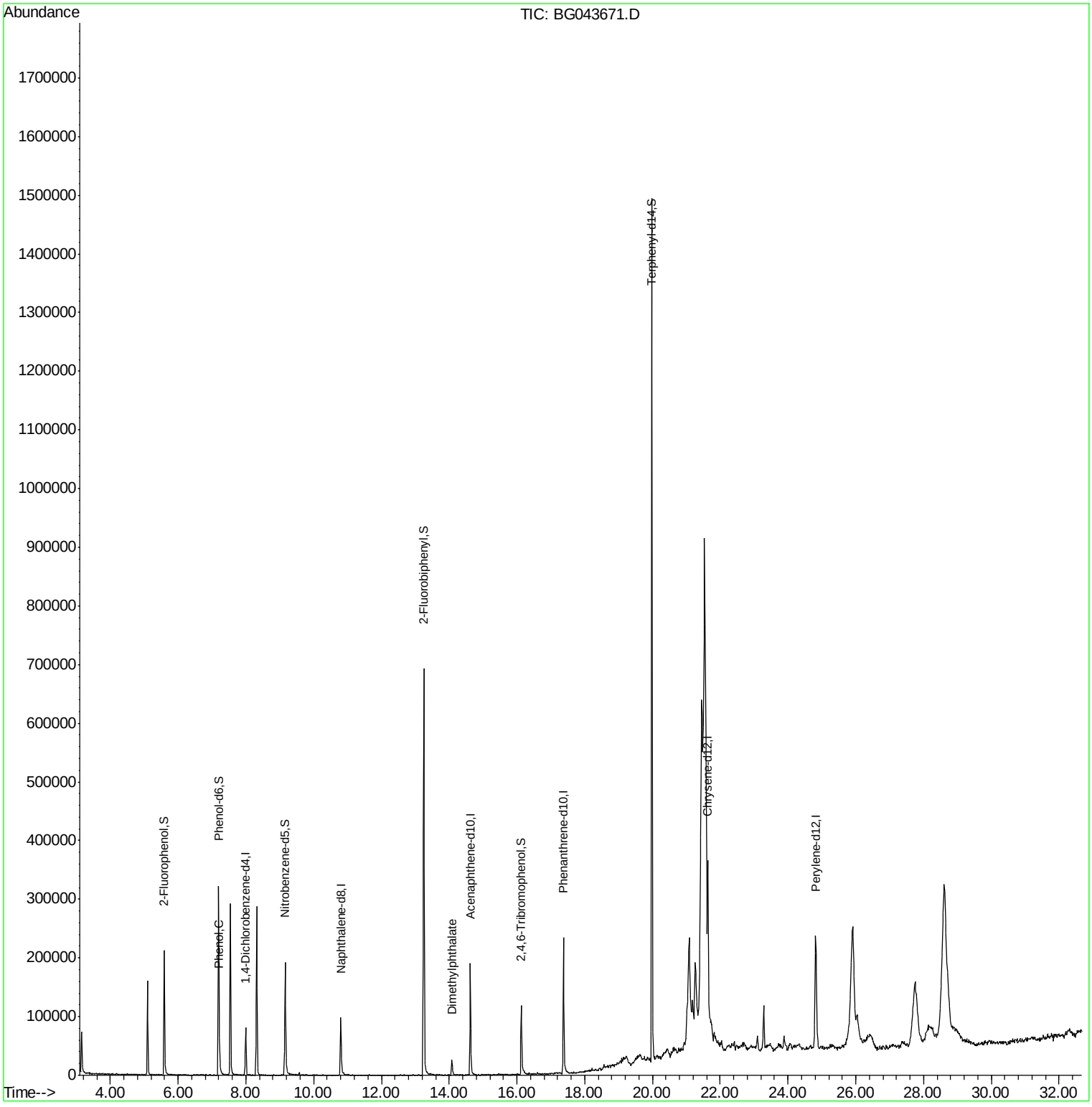
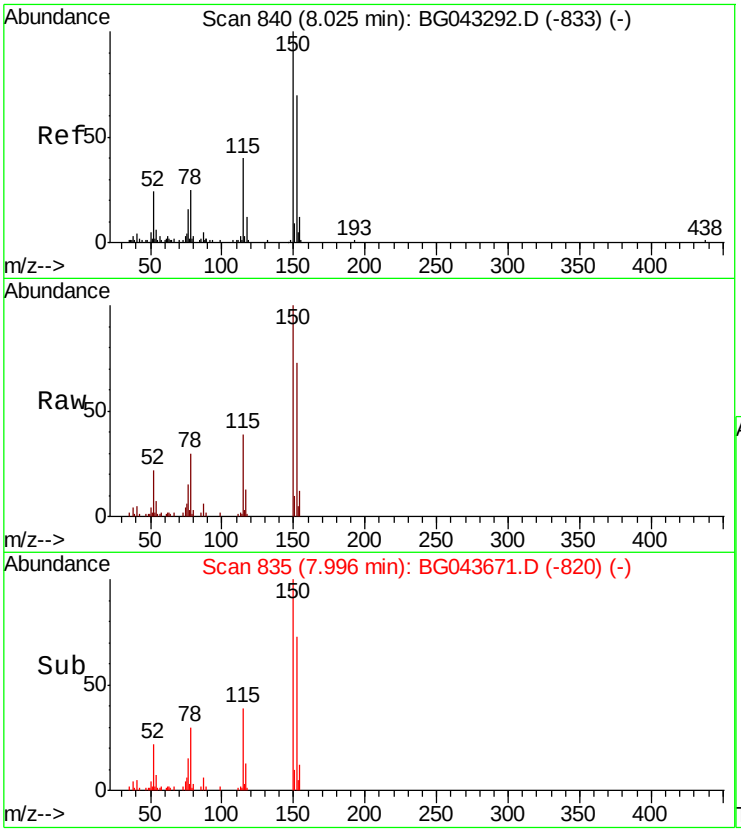


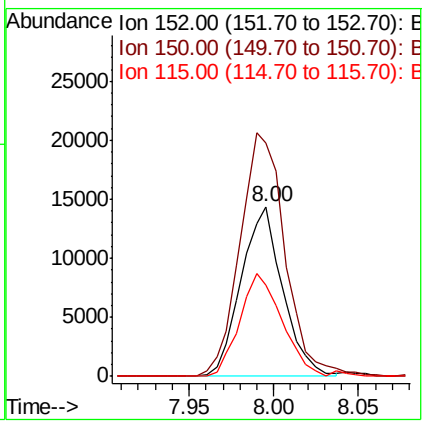


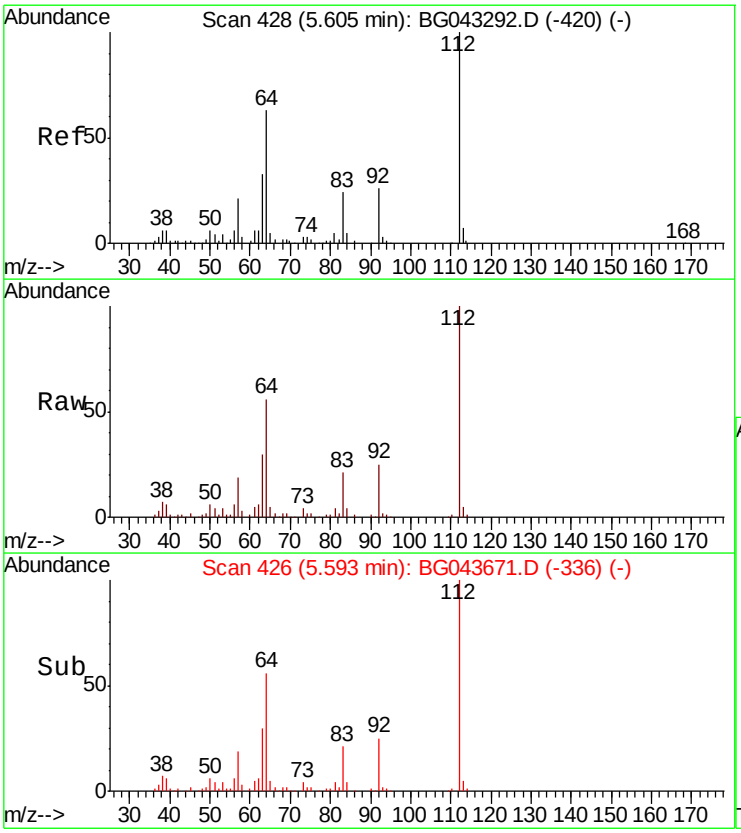
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Instrument :
BNA_G
ClientSampleId :
PHIPPS-BH-SW-03

Tgt Ion:152 Resp: 24675

Ion	Ratio	Lower	Upper
152	100		
150	137.2	129.4	194.0
115	53.9	48.8	73.2

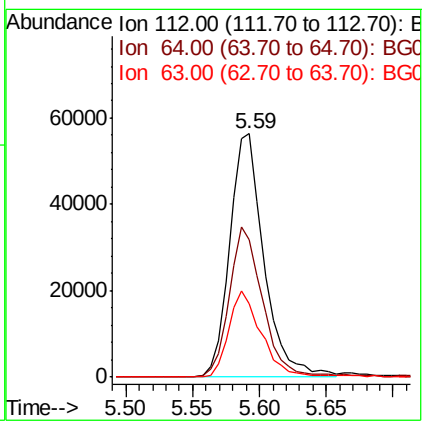


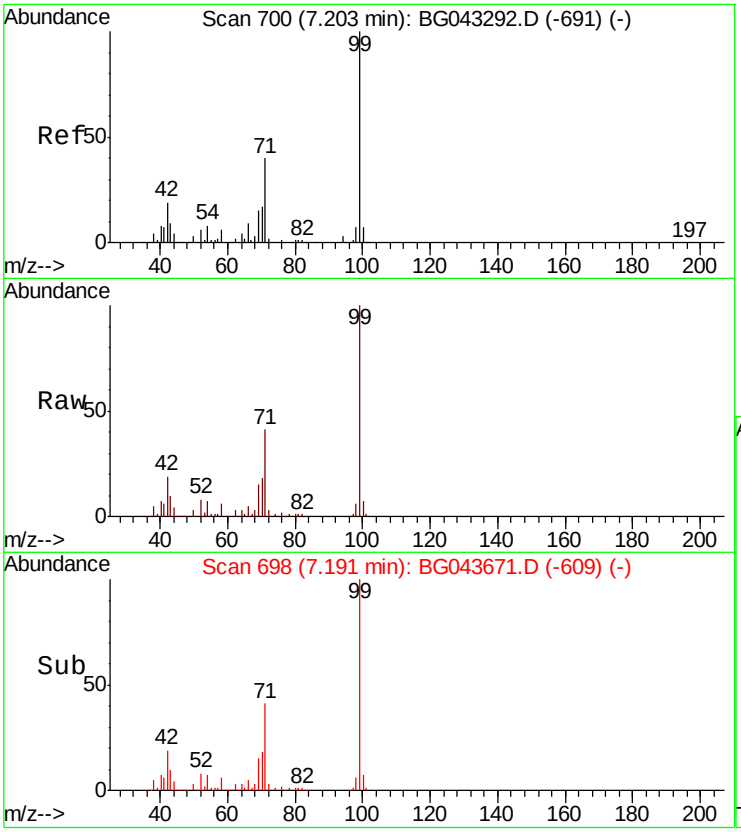


#5
2-Fluorophenol
Concen: 74.802 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Tgt Ion:112 Resp: 100726

Ion	Ratio	Lower	Upper
112	100		
64	56.4	50.0	75.0
63	30.0	26.6	40.0



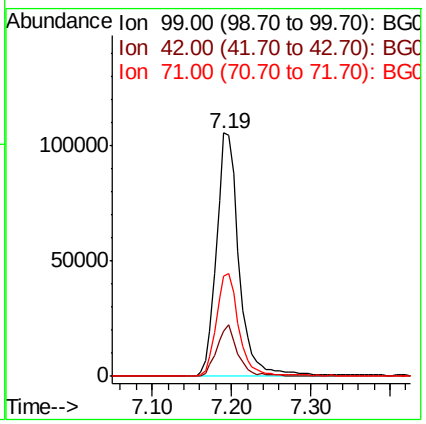


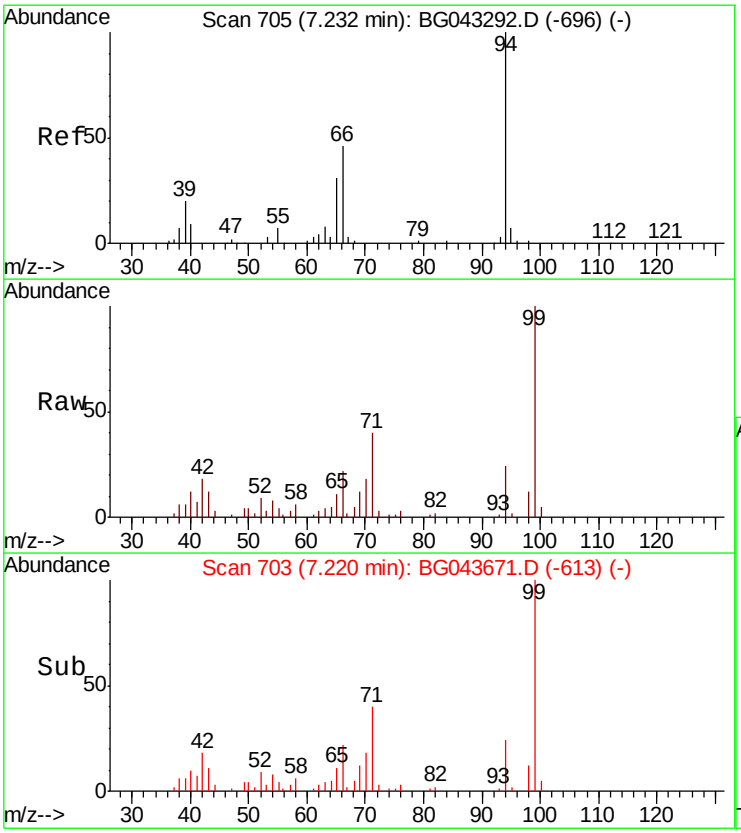
#7
Phenol-d6
Concen: 107.521 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Instrument :
BNA_G
ClientSampleId :
PHIPPS-BH-SW-03

Tgt Ion: 99 Resp: 208310

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	21.8
71	41.3	32.5	48.7

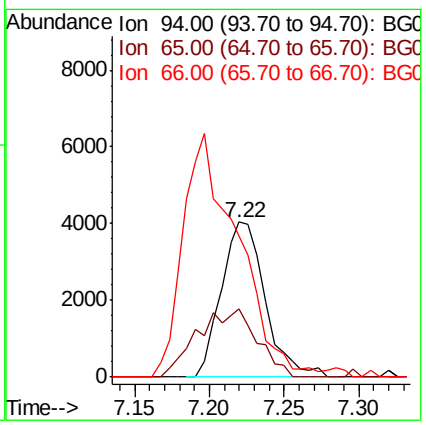


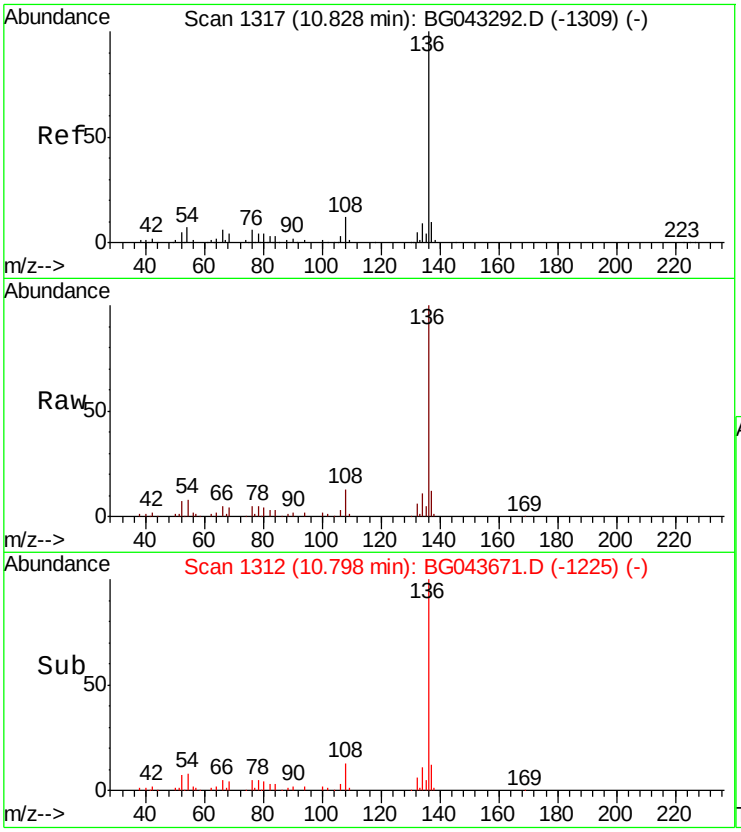


#10
Phenol
Concen: 4.662 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Tgt Ion: 94 Resp: 8254

Ion	Ratio	Lower	Upper
94	100		
65	43.8	12.6	52.6
66	90.8	30.7	70.7#



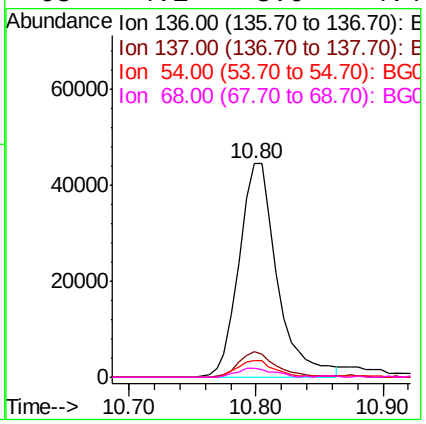


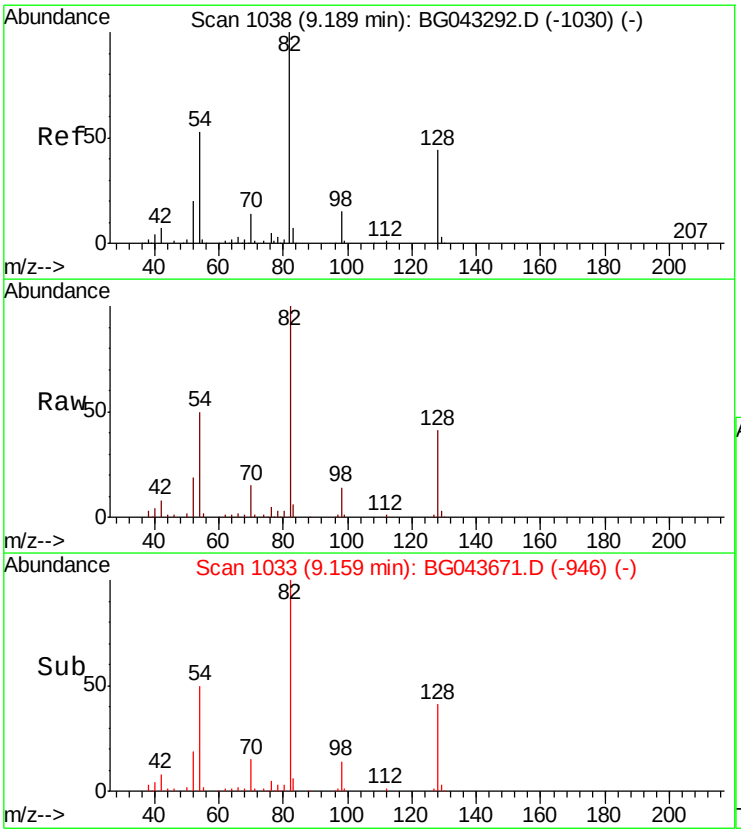
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Instrument :
BNA_G
ClientSampleId :
PHIPPS-BH-SW-03

Tgt Ion:136 Resp: 93224

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.7	13.1
54	7.7	5.4	8.2
68	4.1	3.0	4.4

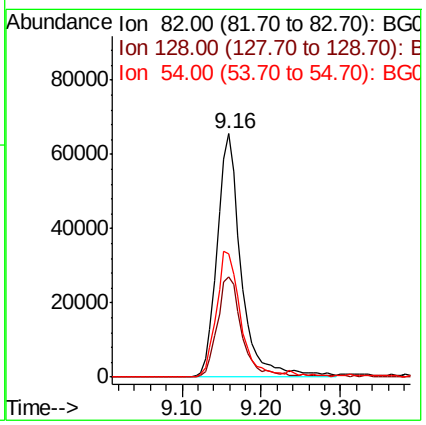


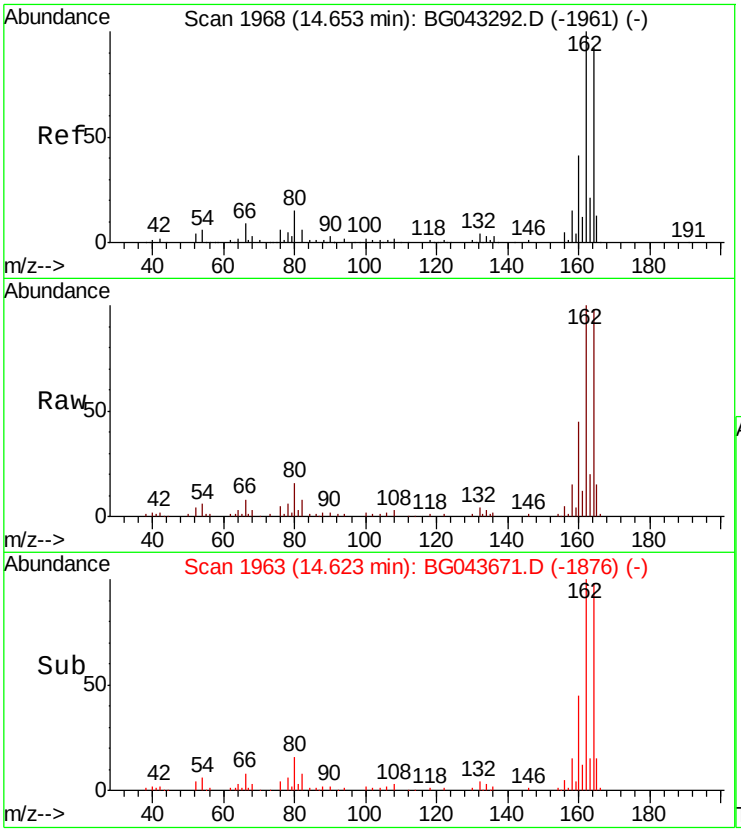


#23
Nitrobenzene-d5
Concen: 76.191 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Tgt Ion: 82 Resp: 137773

Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.0	52.6
54	50.4	40.2	60.2



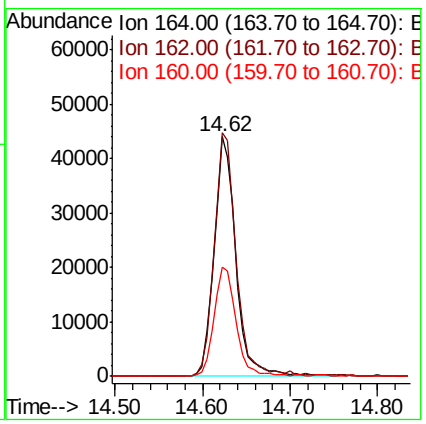


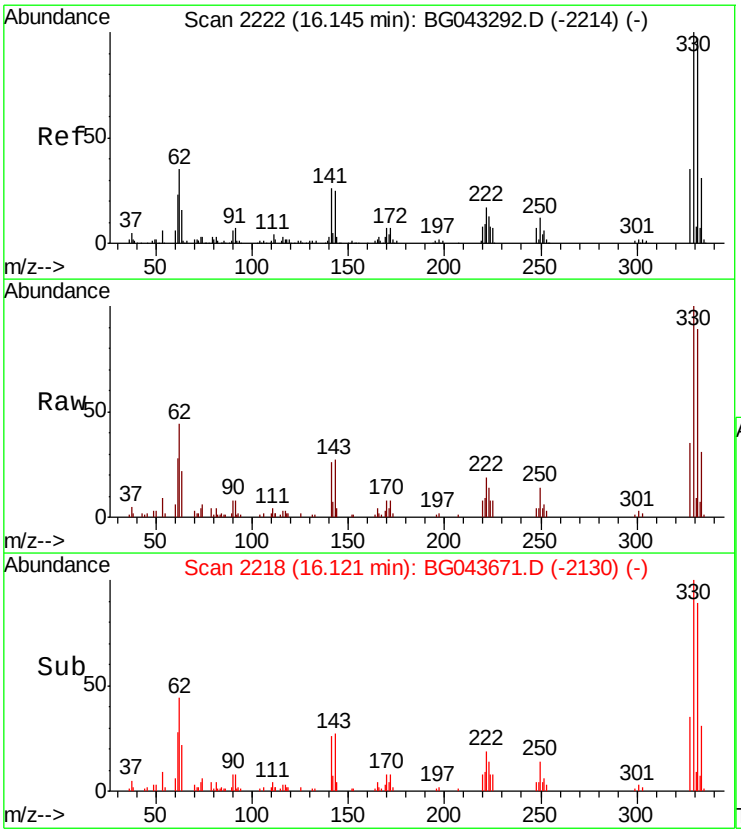
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Instrument :
BNA_G
ClientSampleId :
PHIPPS-BH-SW-03

Tgt Ion:164 Resp: 75829

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.5	125.3
160	45.5	36.5	54.7

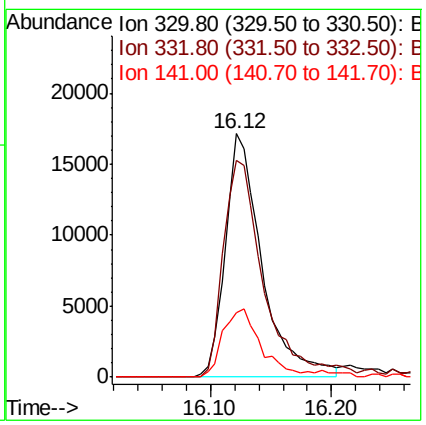


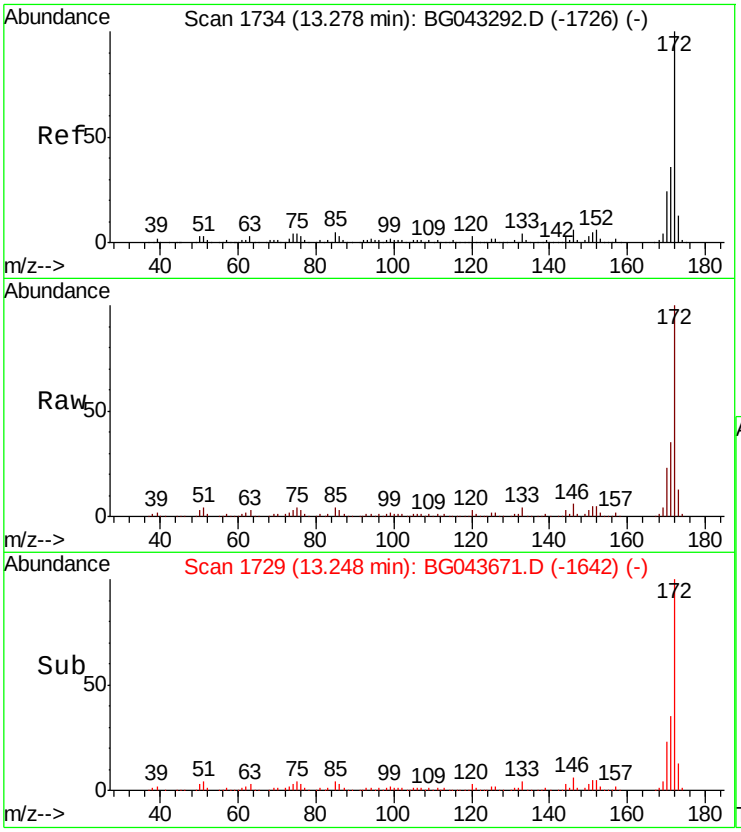


#42
2,4,6-Tribromophenol
Concen: 25.090 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Tgt Ion:330 Resp: 36206

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.0
141	28.5	22.8	34.2



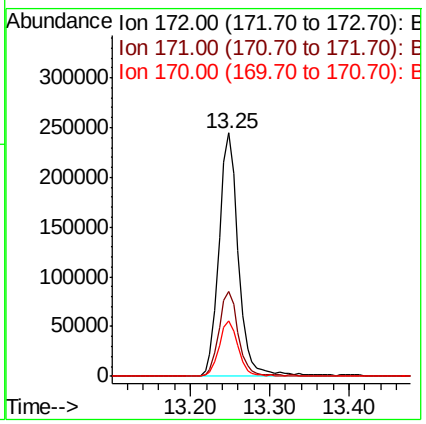


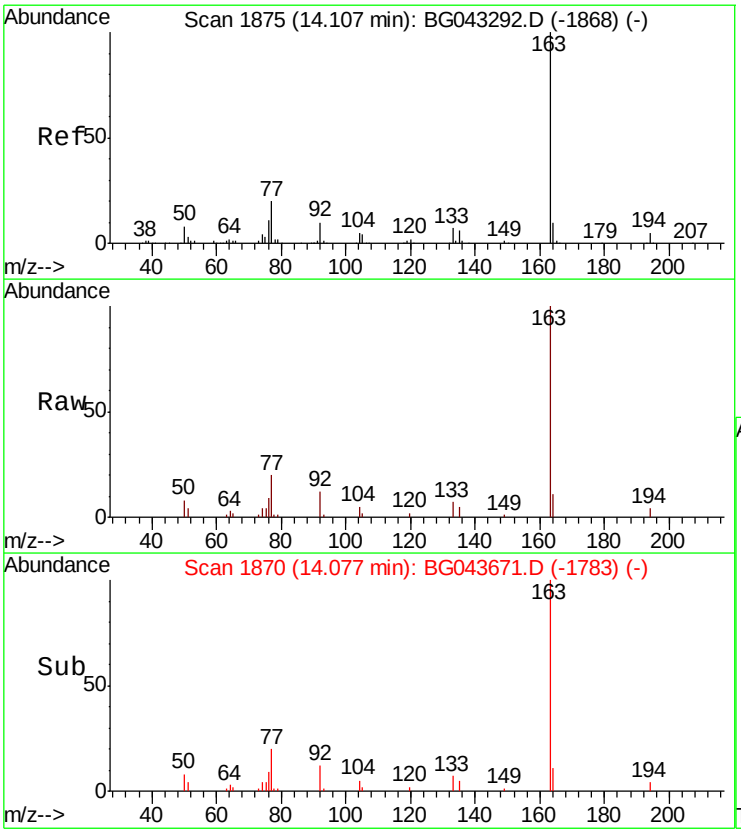
#45
2-Fluorobiphenyl
Concen: 76.108 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Instrument :
BNA_G
ClientSampleId :
PHIPPS-BH-SW-03

Tgt Ion:172 Resp: 417656

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	23.0	18.5	27.7

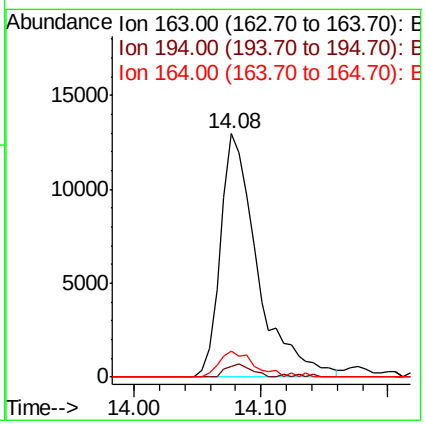


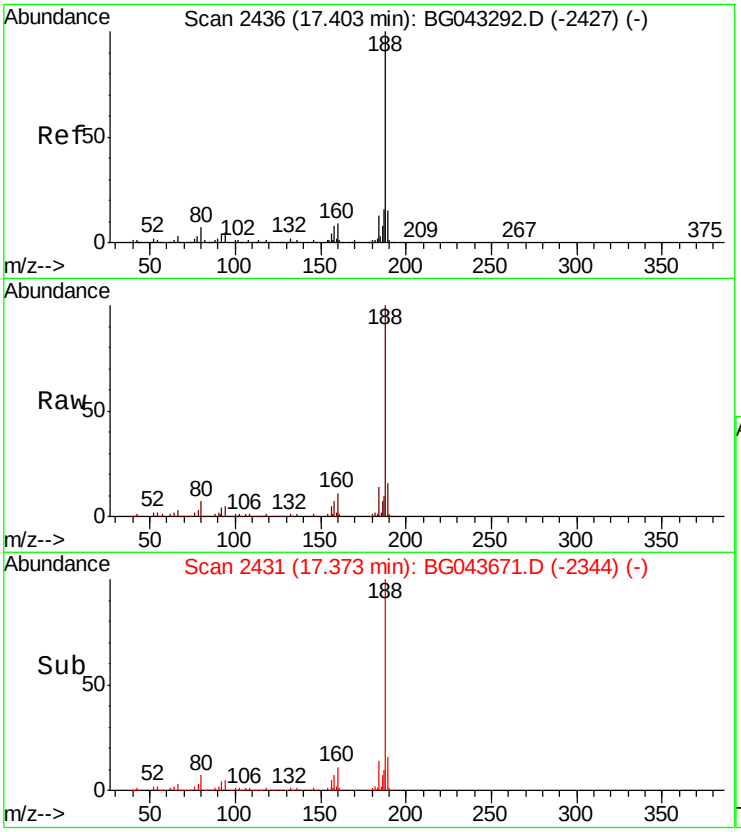


#50
Dimethylphthalate
Concen: 4.470 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Tgt Ion:163 Resp: 26252

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	10.7	8.9	13.3



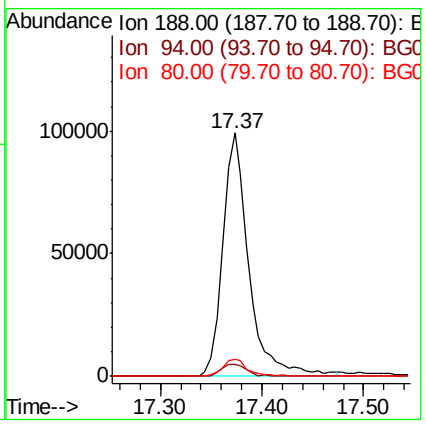


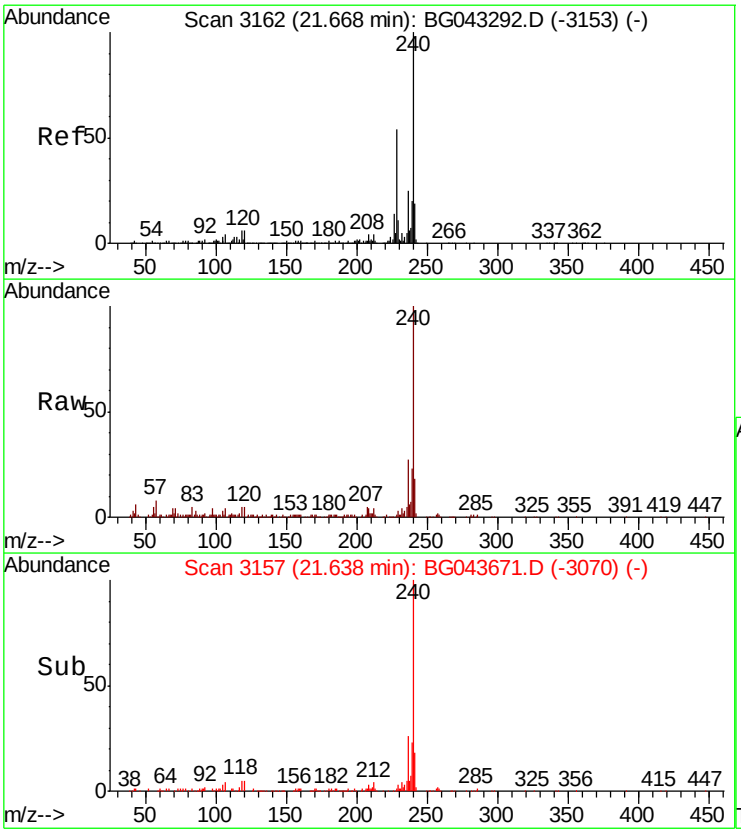
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Instrument :
BNA_G
ClientSampleId :
PHIPPS-BH-SW-03

Tgt Ion:188 Resp: 176596

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.2	6.4
80	6.9	4.5	6.7#

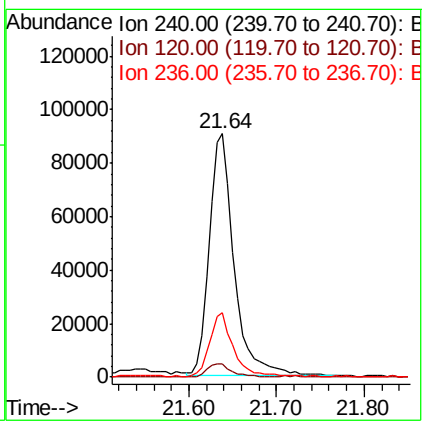


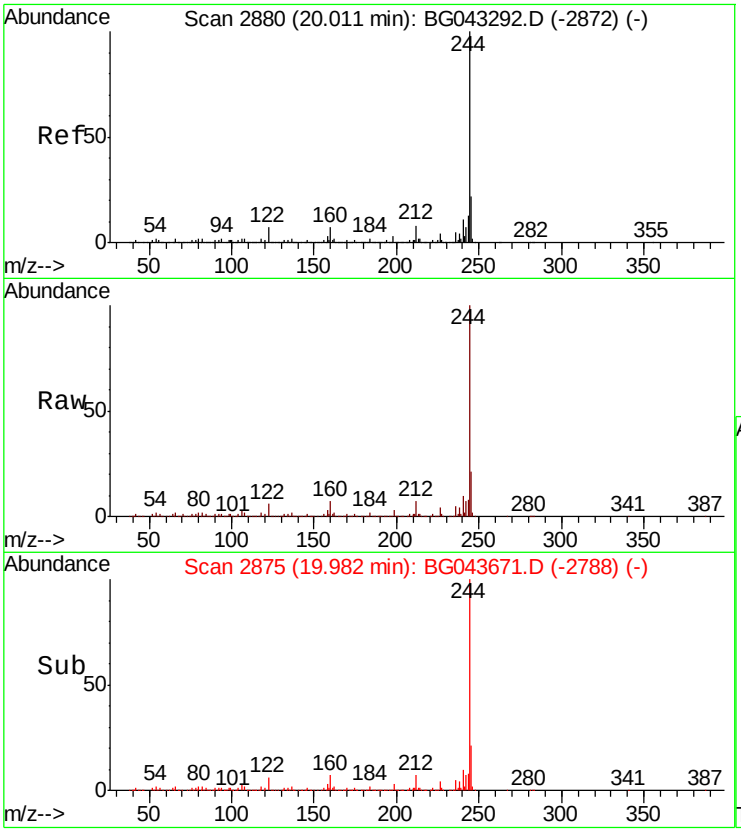


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Tgt Ion:240 Resp: 177700

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.6	6.8
236	26.5	19.8	29.8



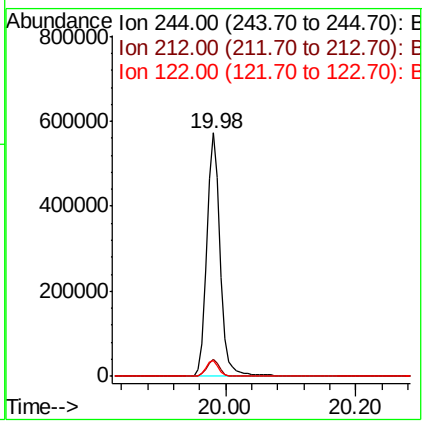


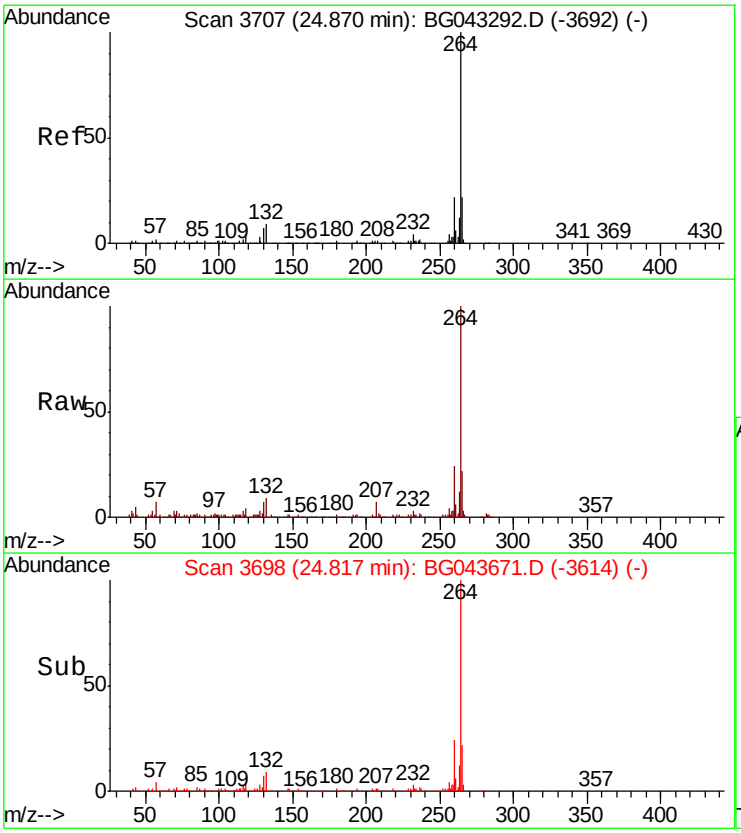
#79
Terphenyl-d14
Concen: 85.803 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Instrument :
BNA_G
ClientSampleId :
PHIPPS-BH-SW-03

Tgt Ion:244 Resp: 812724

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.5	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043671.D
Acq: 16 Nov 2019 4:18

Tgt Ion:264 Resp: 223433

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.5	26.3
265	22.0	17.4	26.0