Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039330.D
Acq On : 30 Jan 2019 16:32
Operator : JU/SJ
Sample : K1277-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-1-2

Quant Time: Jan 30 17:36:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	42268	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	177931	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	118574	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	278372	20.00	ng		0.00
76) Chrysene-d12	21.84	240	301283	20.00	ng		0.00
87) Perylene-d12	25.23	264	317199	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	147161	59.59	ng		0.00
7) Phenol-d6	7.31	99	130347	35.86	ng		0.00
23) Nitrobenzene-d5	9.36	82	291240	102.25	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	178746	139.99	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	716294	86.66	ng		0.00
79) Terphenyl-d14	20.15	244	1035477	72.75	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.34	94	25618	6.760	ng		94
50) Dimethylphthalate	14.25	163	21118	2.205	ng	#	98

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

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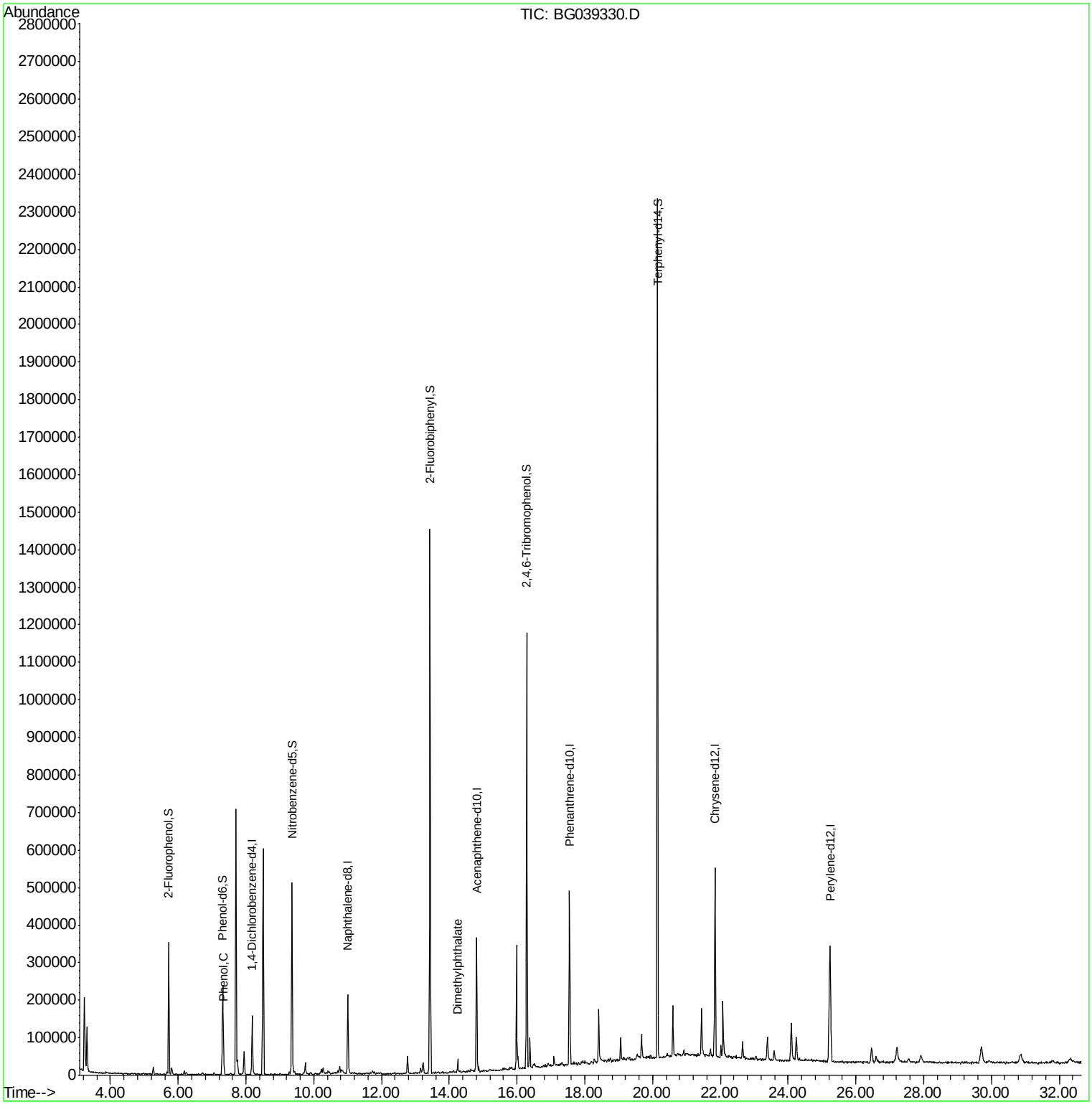
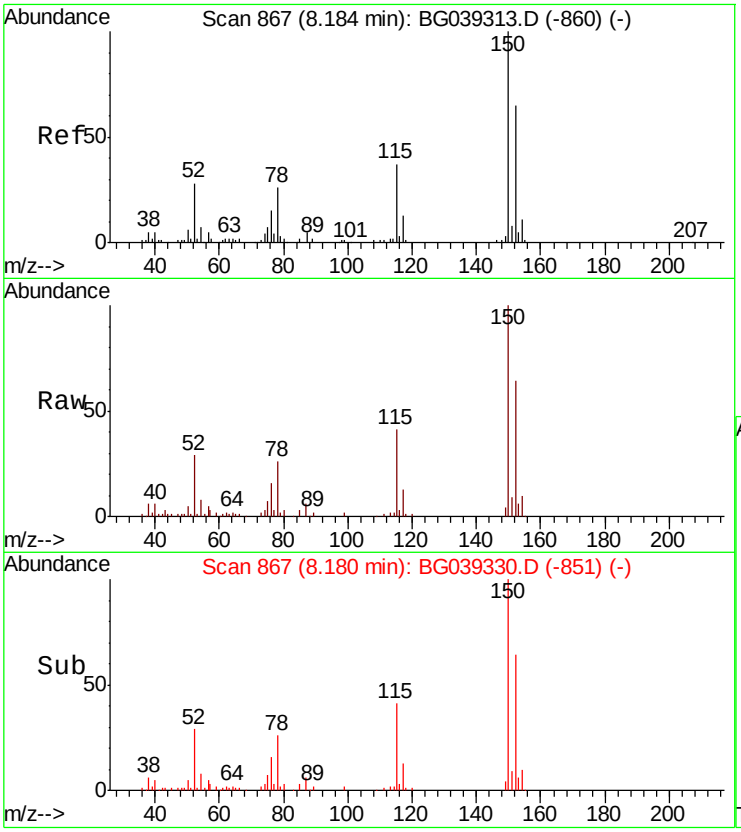


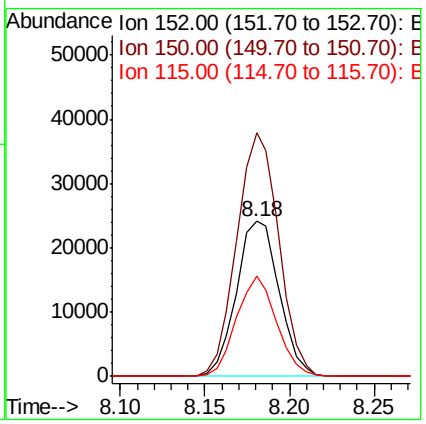


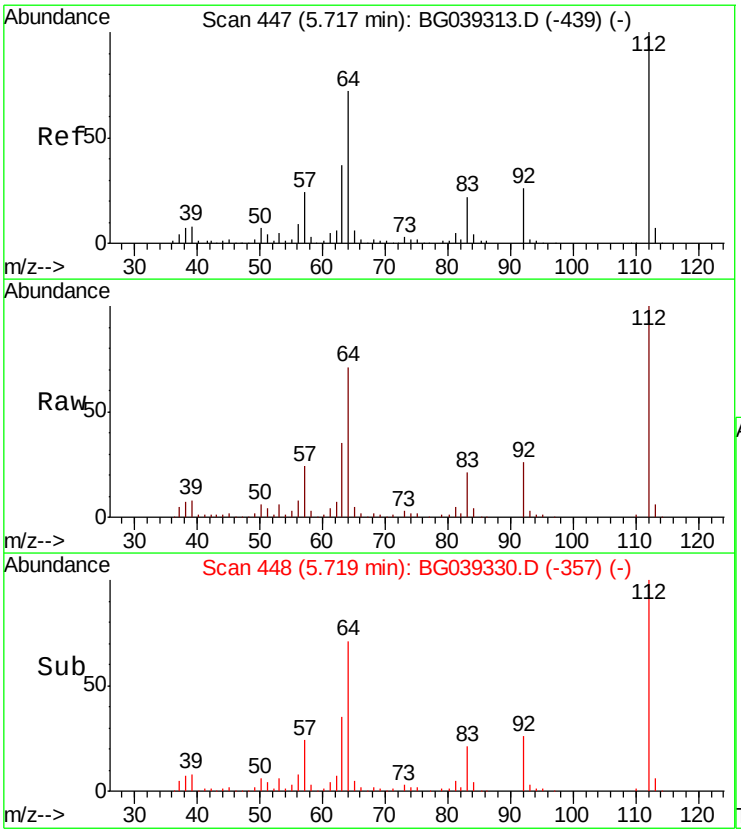
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion:152 Resp: 42268

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.7	185.5
115	64.8	45.9	68.9

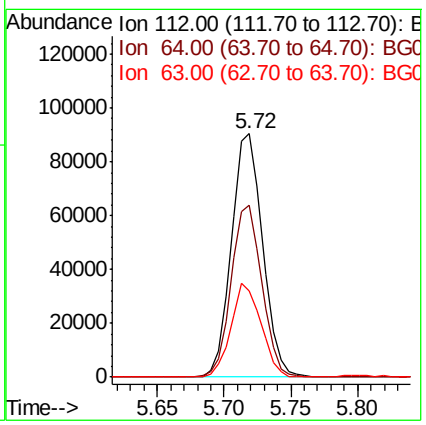


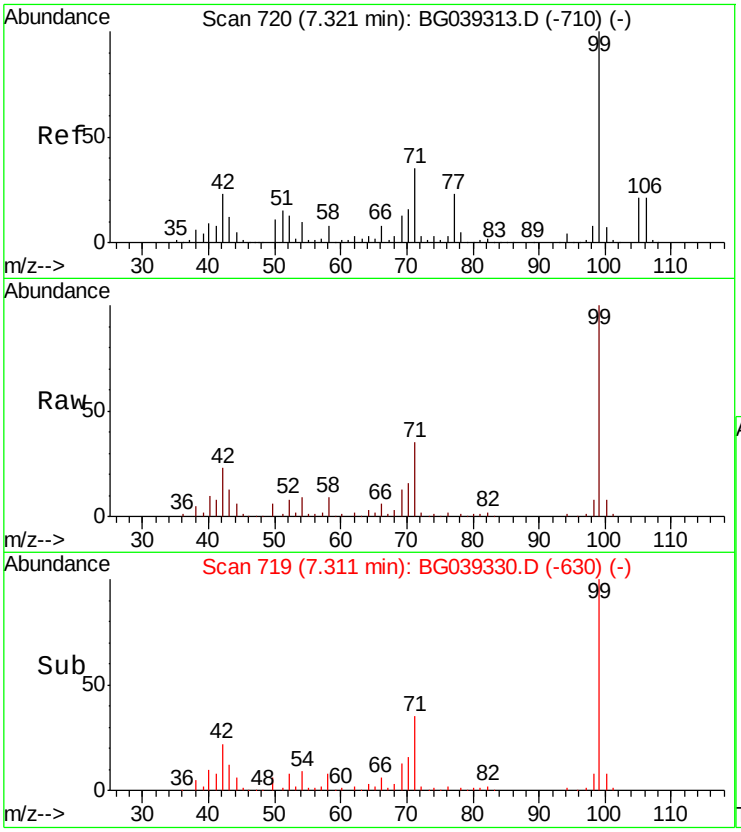


#5
2-Fluorophenol
Concen: 59.588 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Tgt Ion:112 Resp: 147161

Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.8	86.8
63	35.4	29.8	44.6



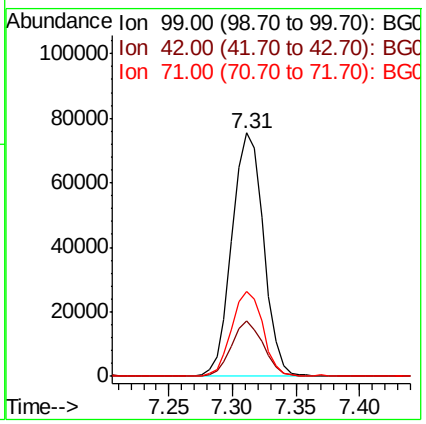


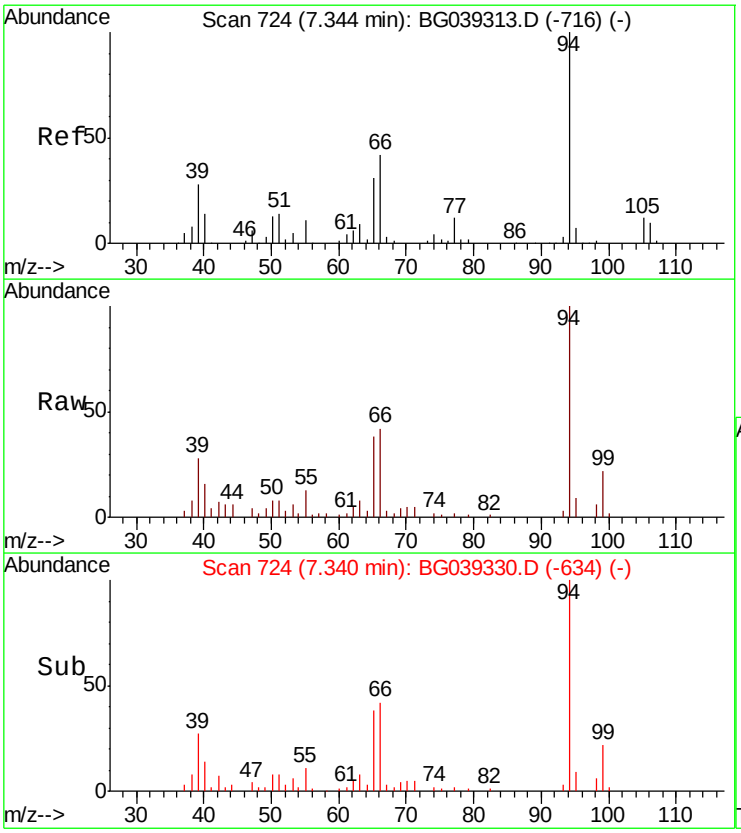
#7
Phenol-d6
Concen: 35.857 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion: 99 Resp: 130347

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.2	27.2
71	35.0	28.0	42.0

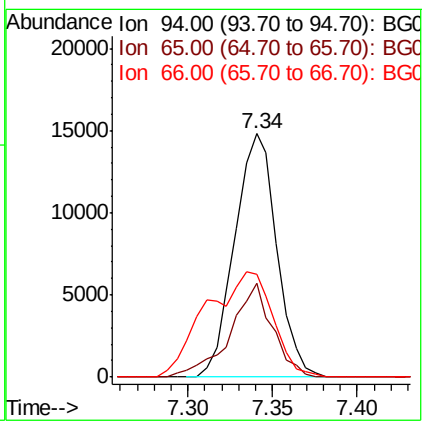


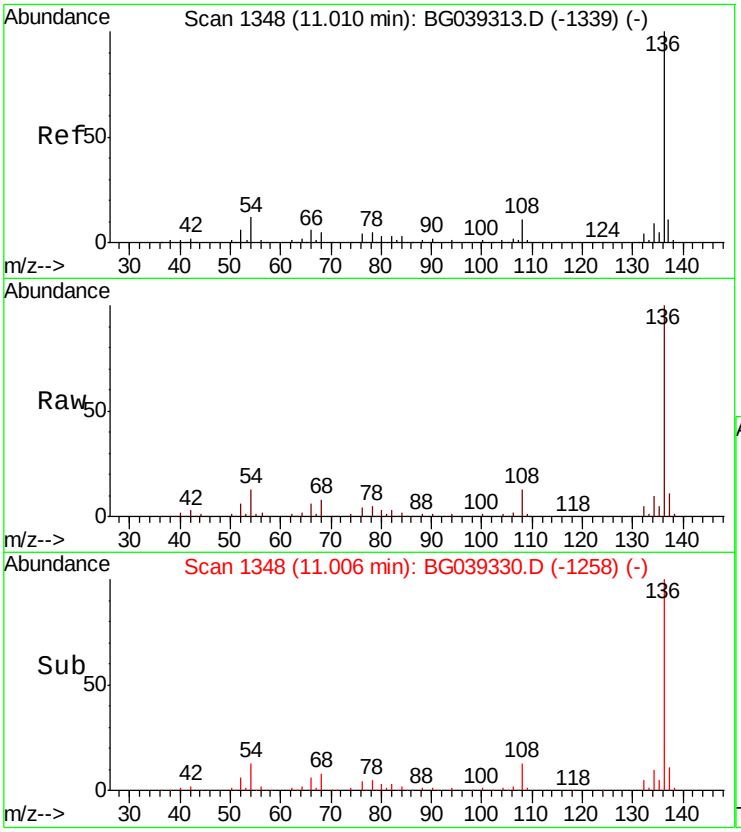


#10
Phenol
Concen: 6.760 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Tgt Ion: 94 Resp: 25618

Ion	Ratio	Lower	Upper
94	100		
65	38.3	11.7	51.7
66	42.1	23.7	63.7



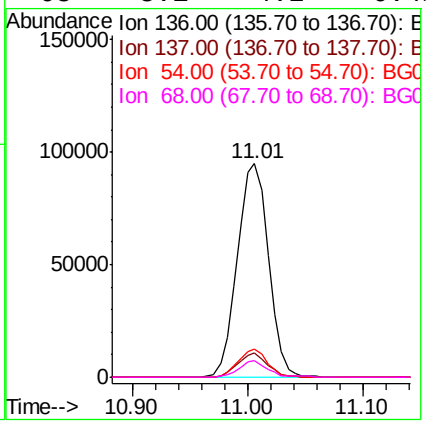


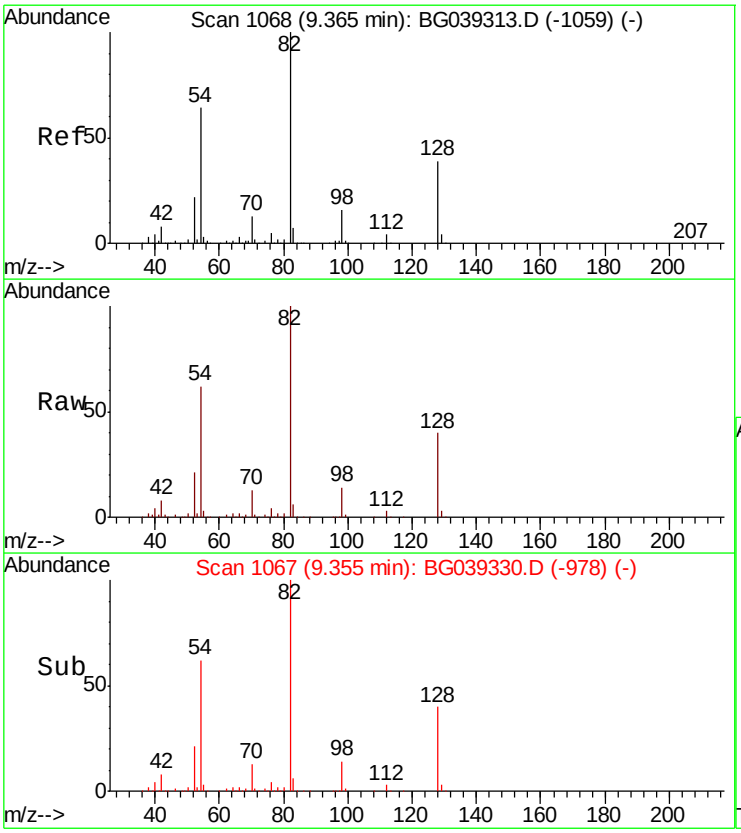
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion:136 Resp: 177931

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	13.3	9.4	14.2
68	8.1	4.2	6.4#

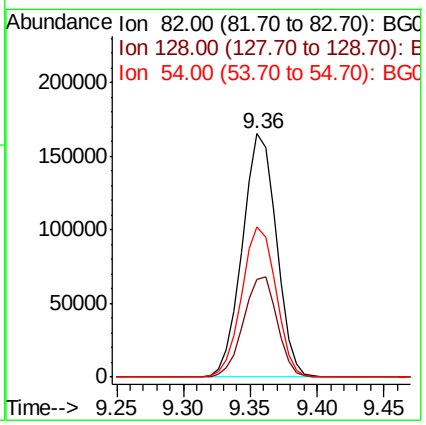


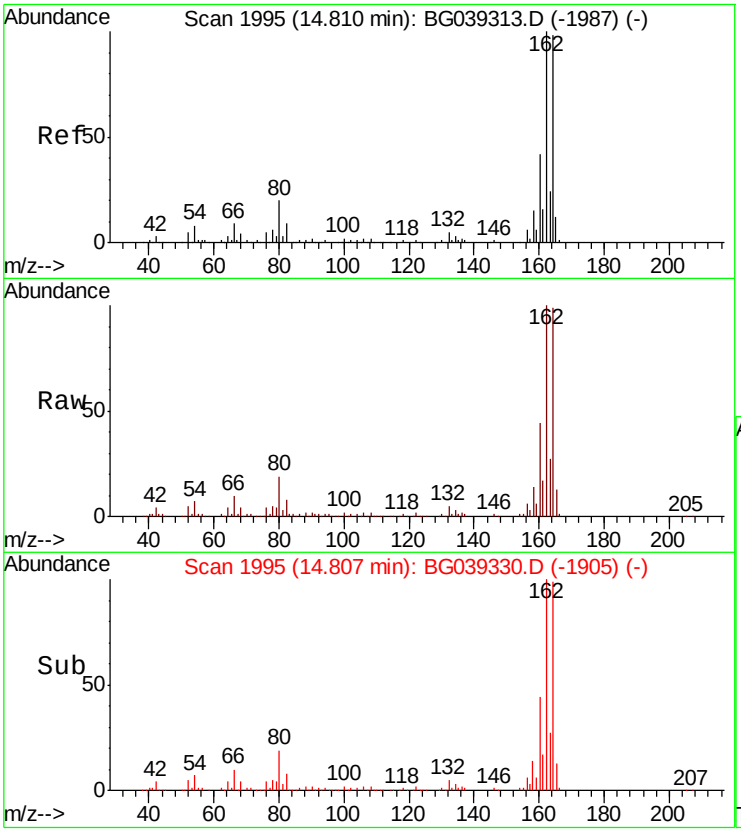


#23
Nitrobenzene-d5
Concen: 102.254 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Tgt Ion: 82 Resp: 291240

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.3	46.9
54	61.6	50.9	76.3



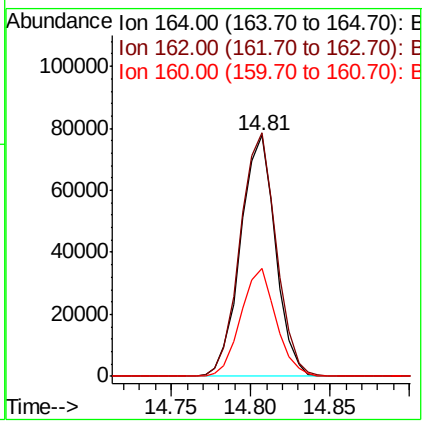


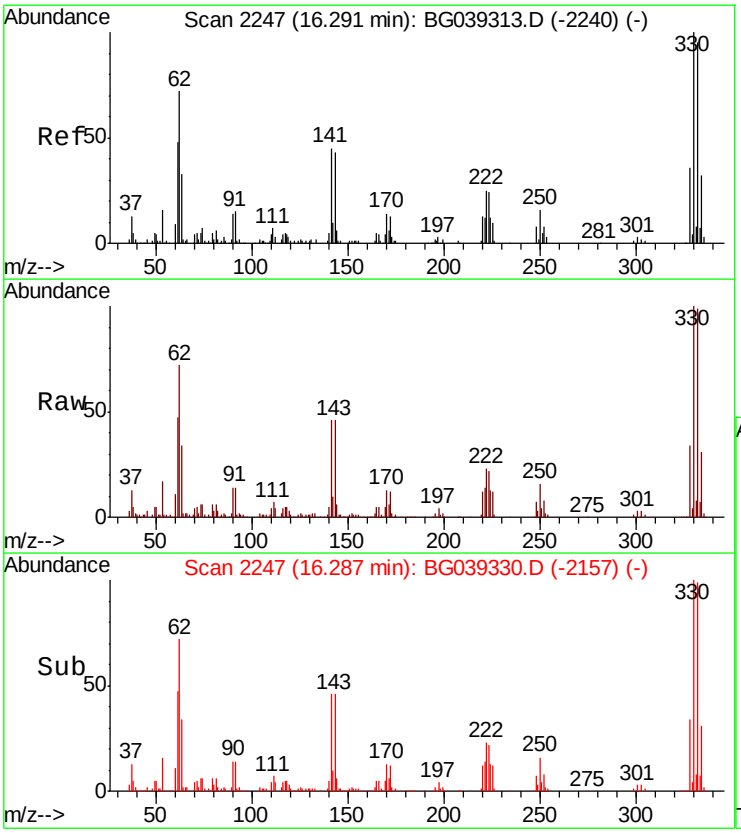
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion:164 Resp: 118574

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.6	122.4
160	44.7	34.2	51.2

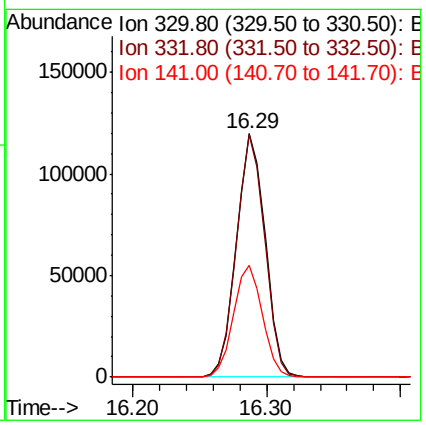


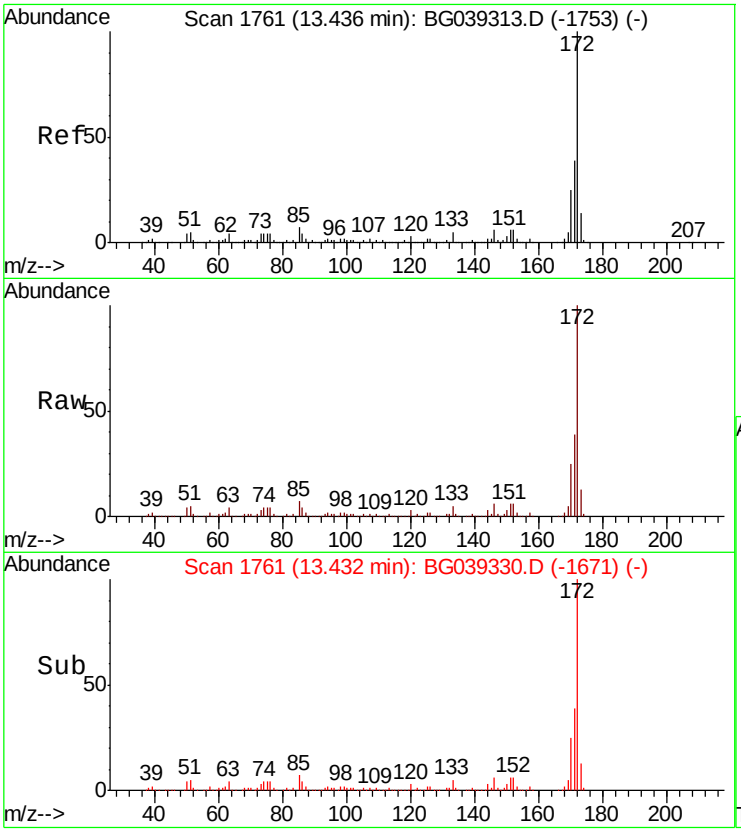


#42
2,4,6-Tribromophenol
Concen: 139.991 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Tgt Ion:330 Resp: 178746

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.7	113.5
141	46.4	35.6	53.4



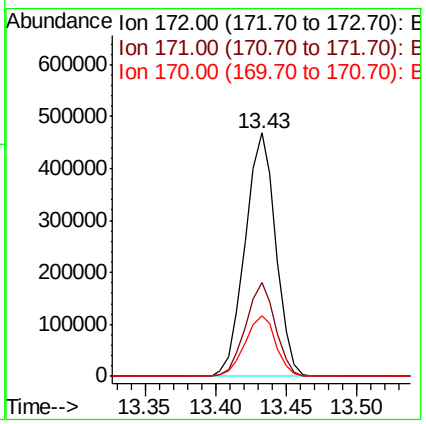


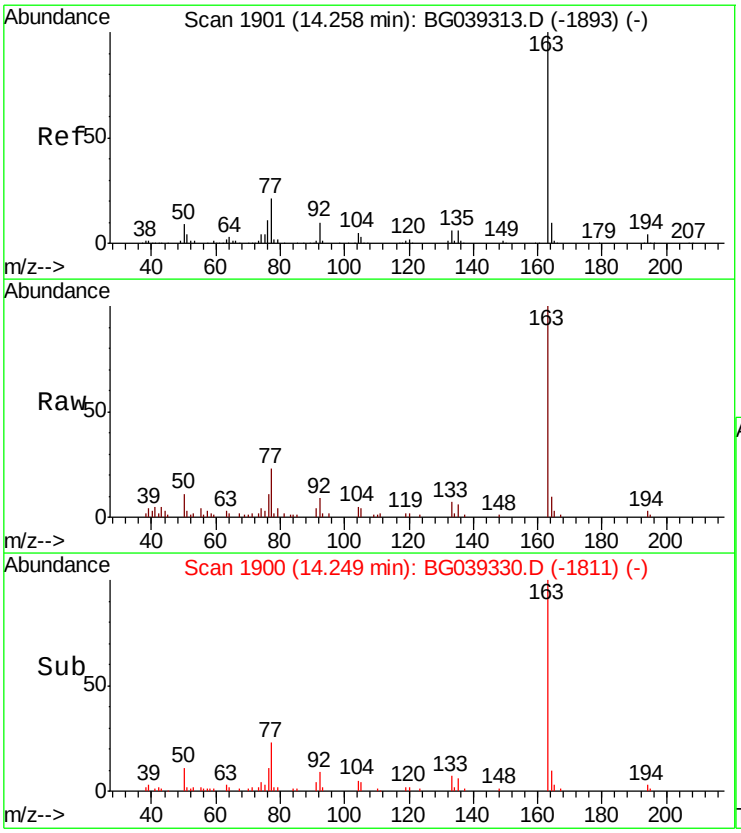
#45
2-Fluorobiphenyl
Concen: 86.660 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion:172 Resp: 716294

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	24.8	20.2	30.4

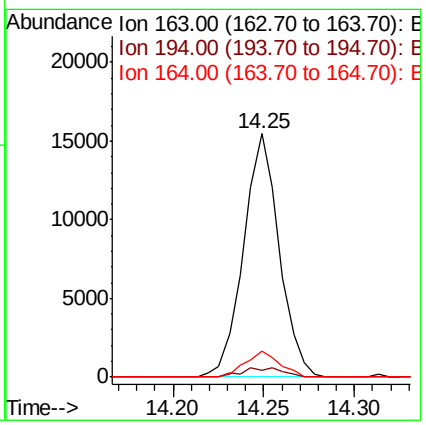


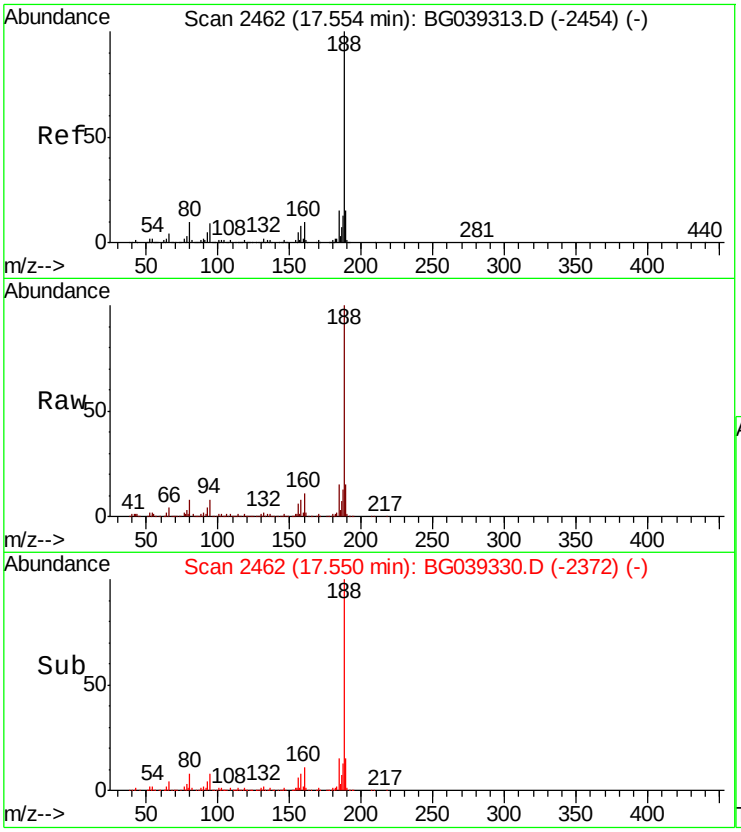


#50
Dimethylphthalate
Concen: 2.205 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Tgt Ion:163 Resp: 21118

Ion	Ratio	Lower	Upper
163	100		
194	2.6	3.6	5.4#
164	10.4	8.4	12.6



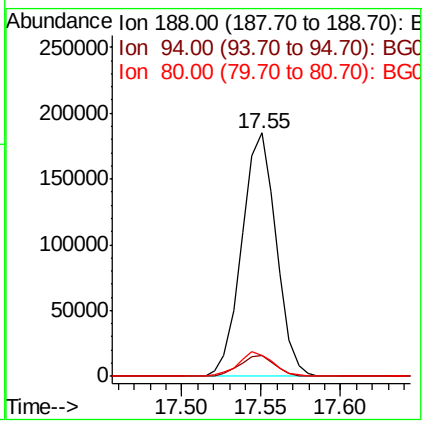


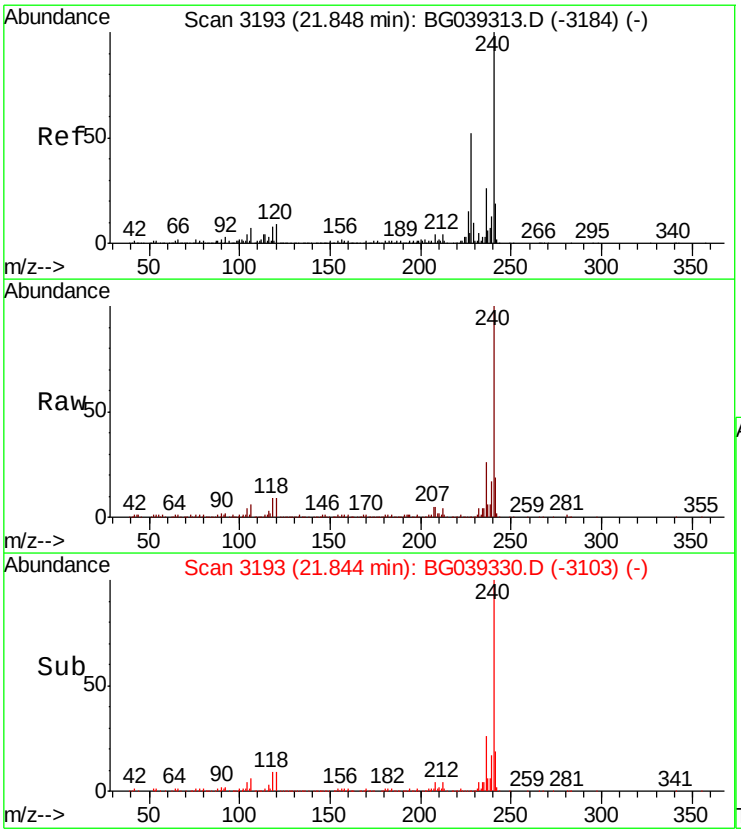
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion:188 Resp: 278372

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	8.3	8.1	12.1

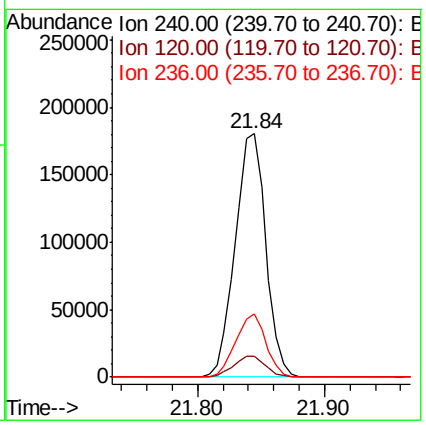


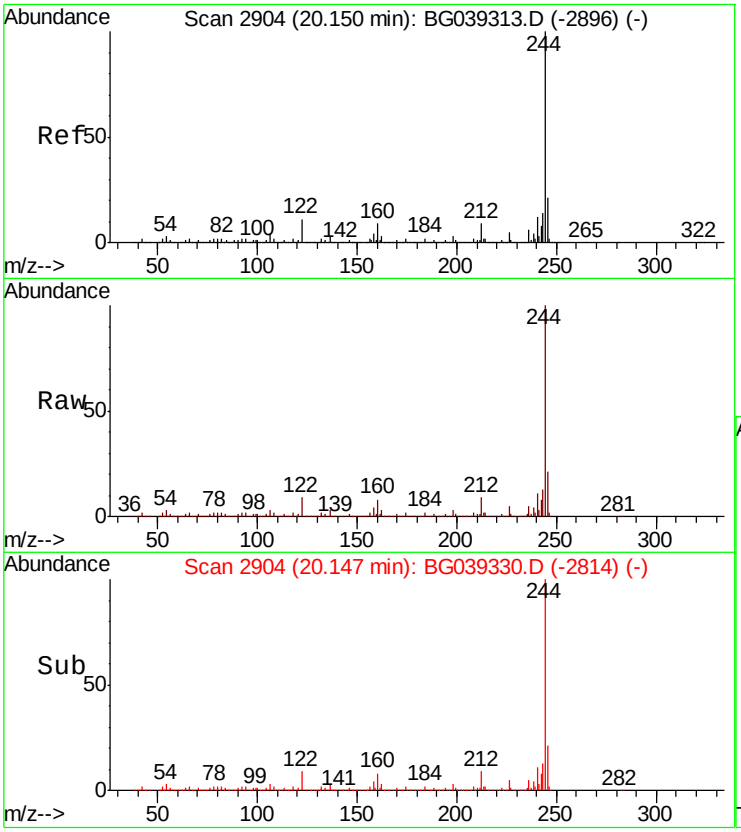


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3193
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Tgt Ion:240 Resp: 301283

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	25.9	21.0	31.4



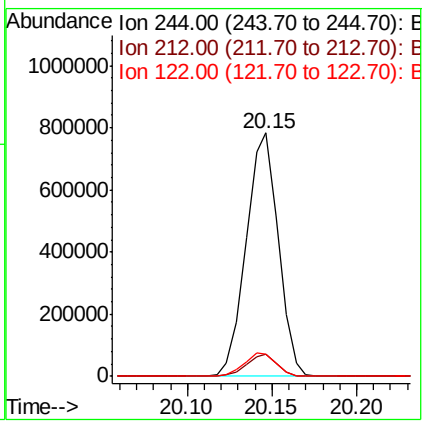


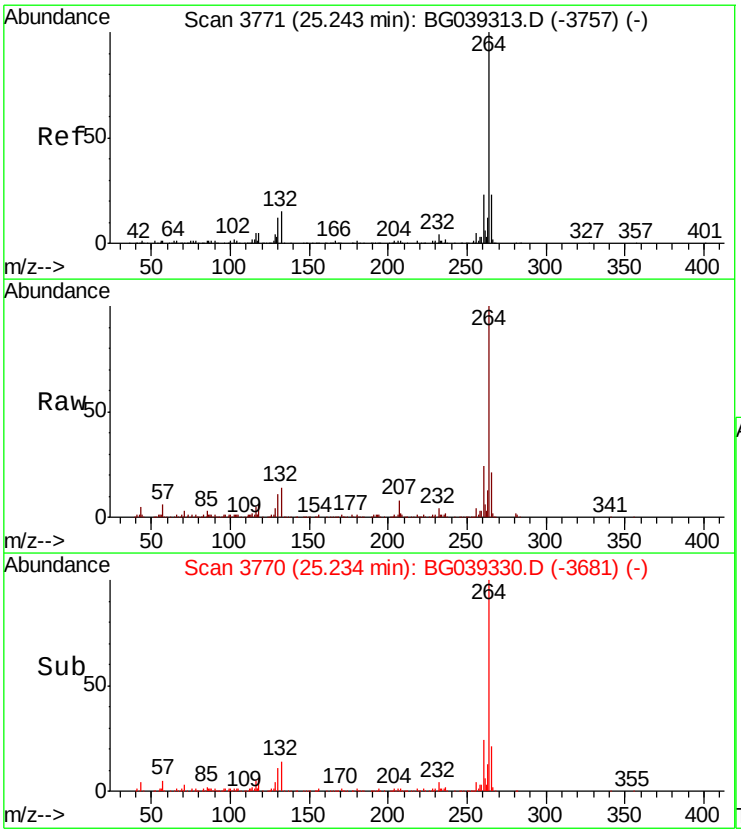
#79
Terphenyl-d14
Concen: 72.748 ng
RT: 20.15 min Scan# 2904
Delta R.T. -0.00 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion:244 Resp: 1035477

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.3	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.23 min Scan# 3770
Delta R.T. -0.01 min
Lab File: BG039330.D
Acq: 30 Jan 2019 16:32

Tgt Ion:264 Resp: 317199

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.1	18.5	27.7