Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
Data File : BG039008.D
Acq On : 9 Jan 2019 00:26
Operator : JU/SJ
Sample : K1072-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SWITCH-PIERS

Quant Time: Jan 09 03:29:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23114	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	100104	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	74401	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	180453	20.00	ng	0.00
76) Chrysene-d12	21.71	240	181734	20.00	ng	-0.01
87) Perylene-d12	25.00	264	192292	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	121096	92.92	ng	0.00
7) Phenol-d6	7.21	99	194899	108.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	116867	59.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	90615	88.37	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	362172	66.78	ng	-0.01
79) Terphenyl-d14	20.04	244	649429	77.77	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.23	94	4360	2.294	ng	83
50) Dimethylphthalate	14.13	163	15614	2.570	ng	97

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

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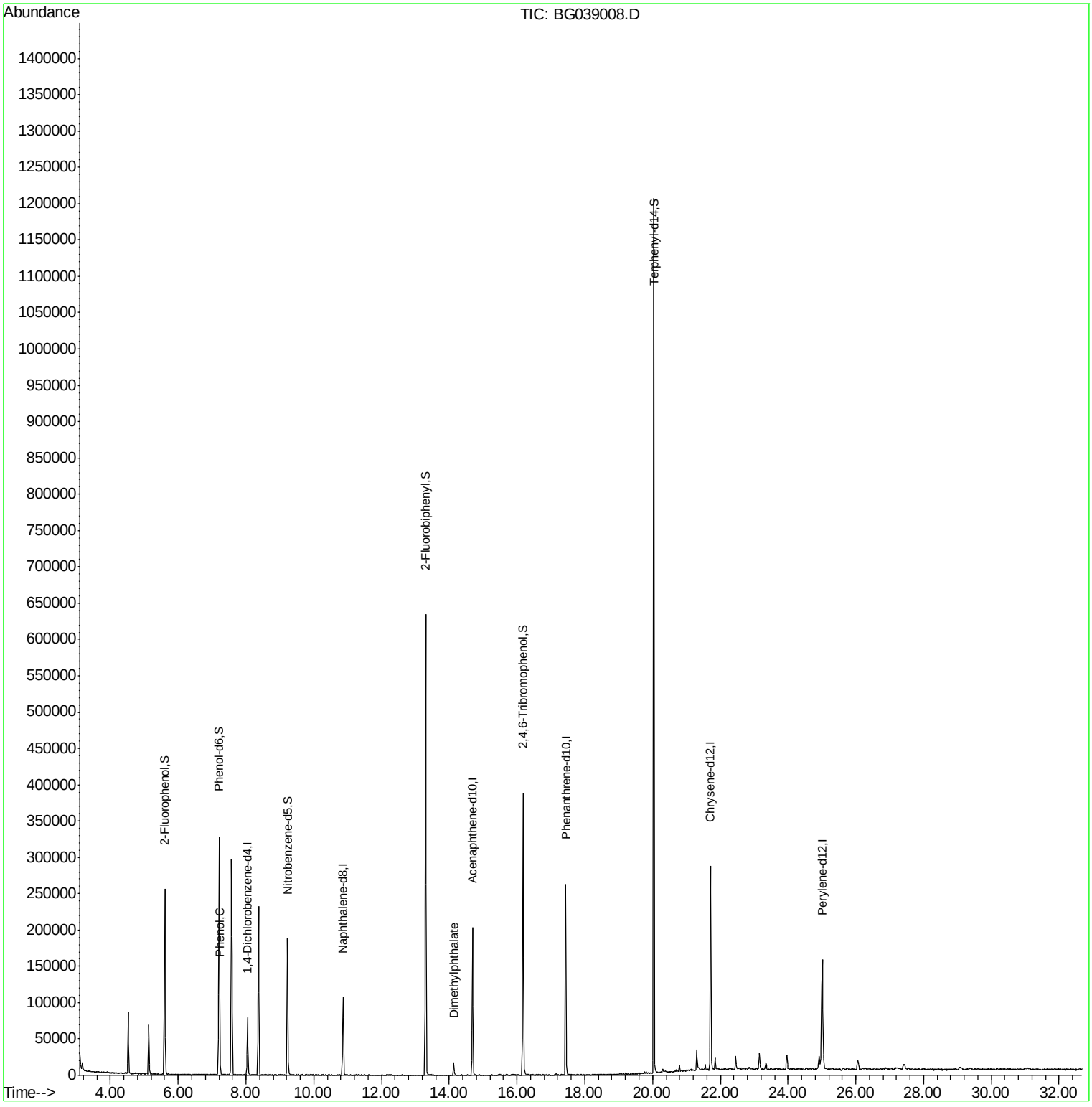
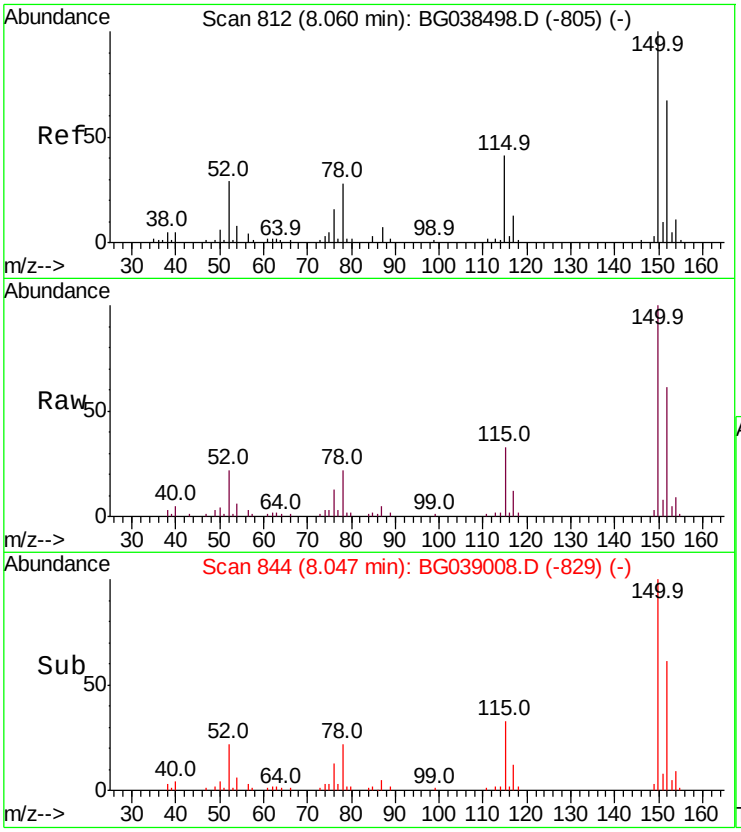


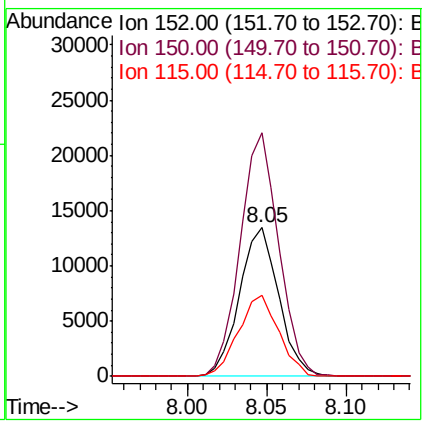


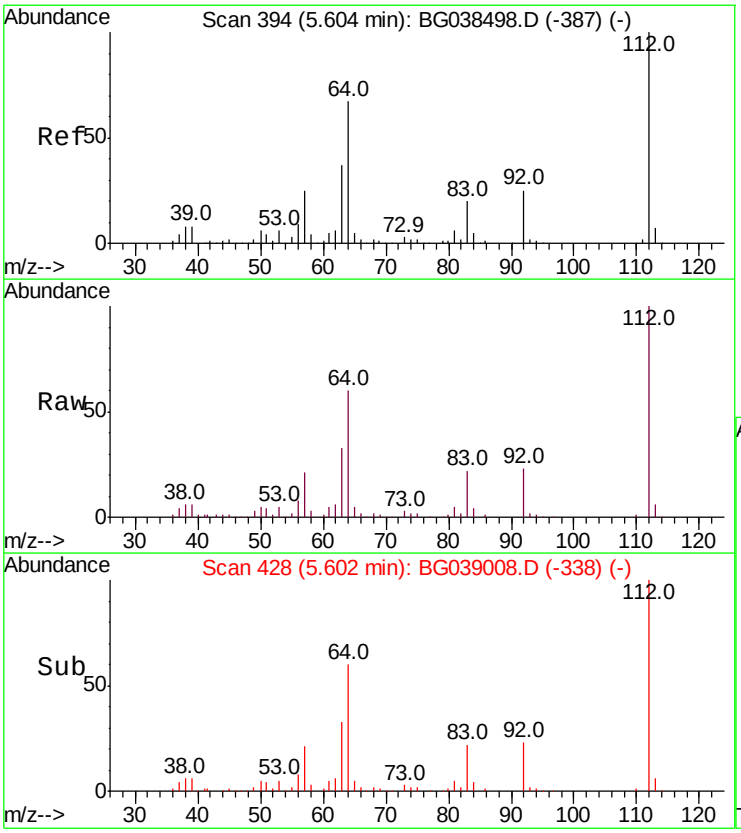
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampleId :
SWITCH-PIERS

Tgt Ion:152 Resp: 23114

Ion	Ratio	Lower	Upper
152	100		
150	164.1	119.5	179.3
115	54.9	49.6	74.4

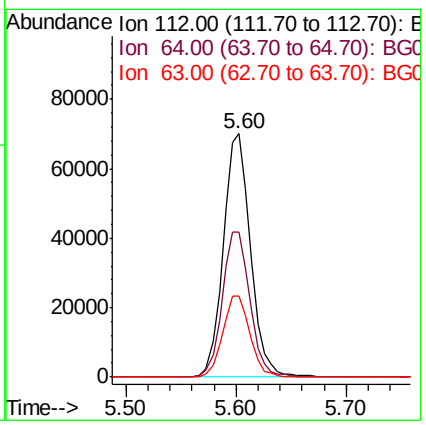


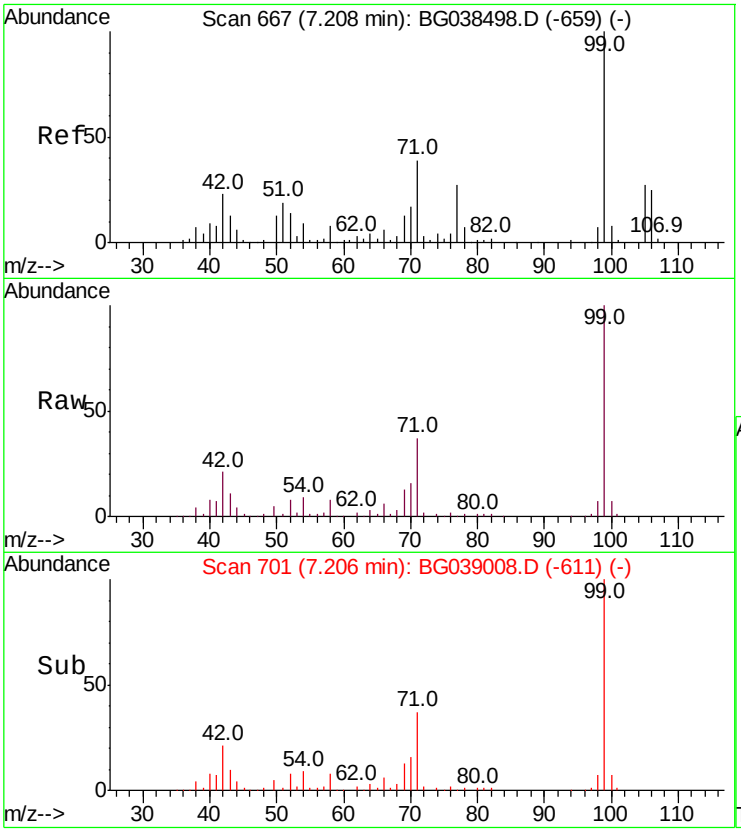


#5
2-Fluorophenol
Concen: 92.923 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion:112 Resp: 121096

Ion	Ratio	Lower	Upper
112	100		
64	59.6	53.4	80.2
63	33.3	29.3	43.9



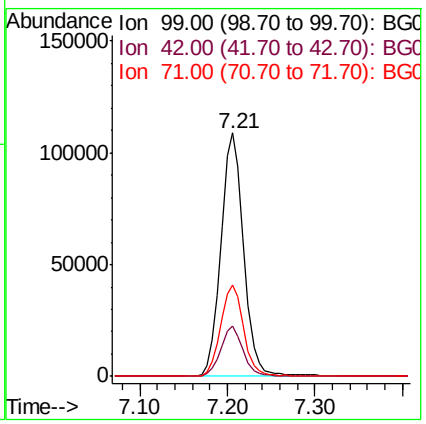


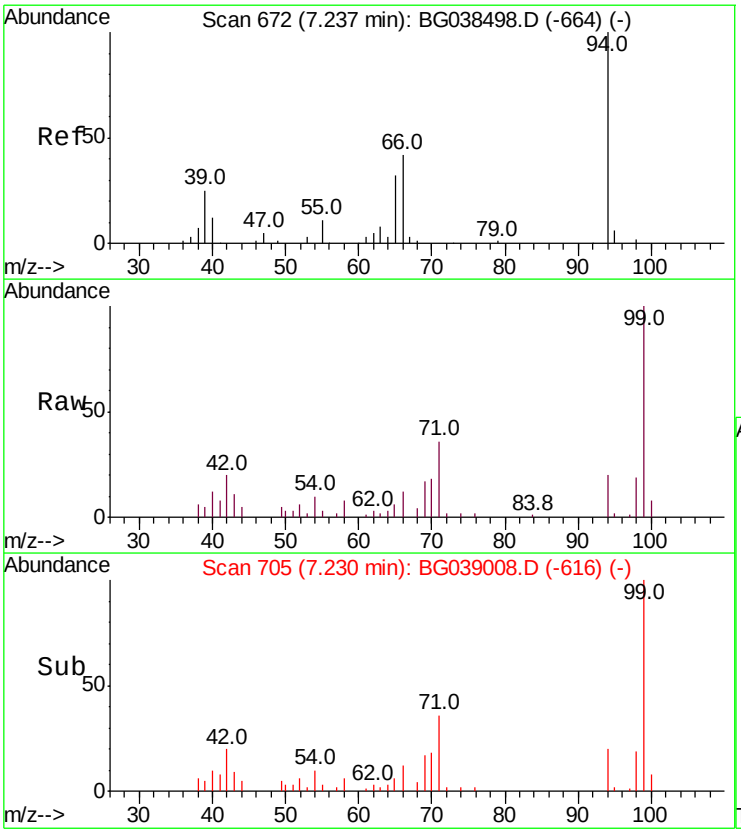
#7
Phenol-d6
Concen: 108.942 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampleId :
SWITCH-PIERS

Tgt Ion: 99 Resp: 194899

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.5	27.7
71	37.3	31.1	46.7

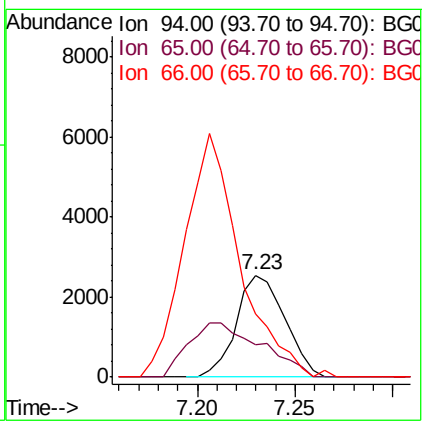


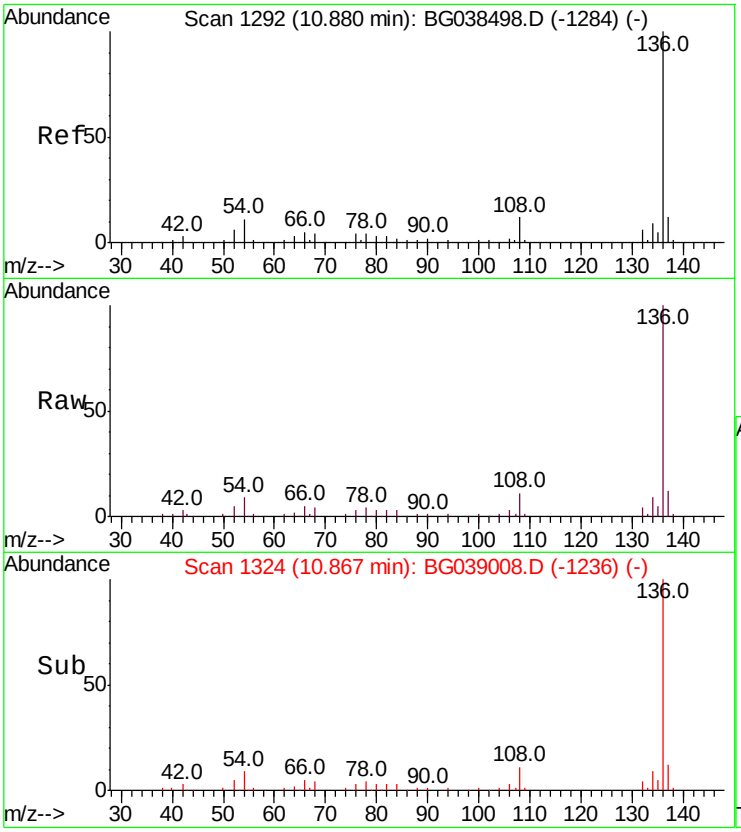


#10
Phenol
Concen: 2.294 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion: 94 Resp: 4360

Ion	Ratio	Lower	Upper
94	100		
65	31.5	12.6	52.6
66	62.1	24.1	64.1



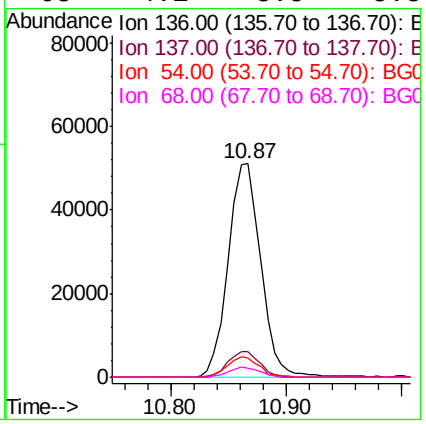


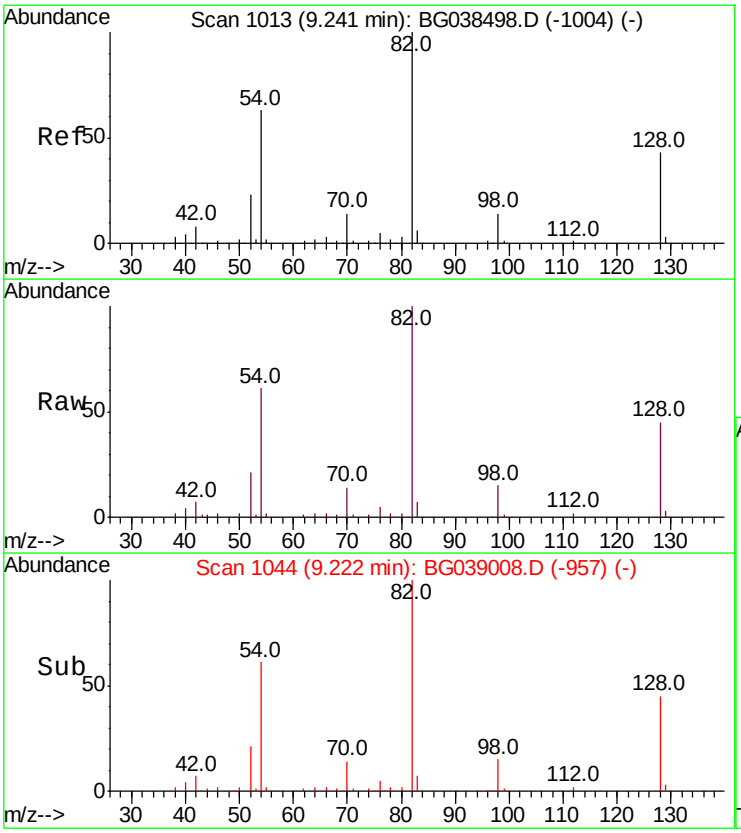
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampleId :
SWITCH-PIERS

Tgt Ion:136 Resp: 100104

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	9.0	8.5	12.7
68	4.1	3.5	5.3

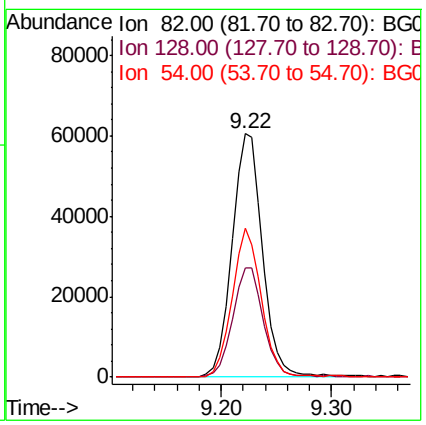


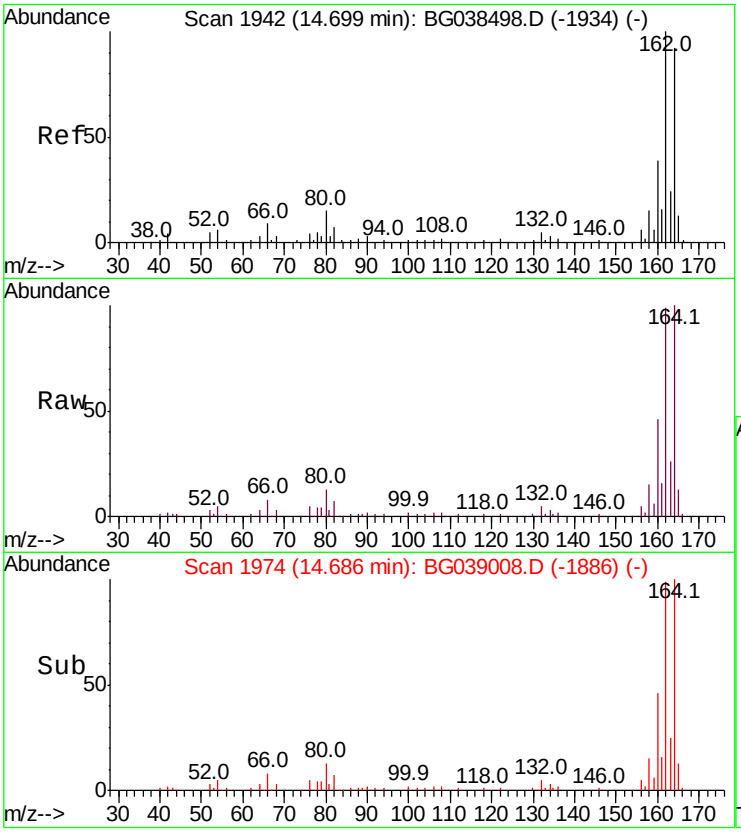


#23
Nitrobenzene-d5
Concen: 59.642 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion: 82 Resp: 116867

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	52.0
54	61.0	50.6	76.0



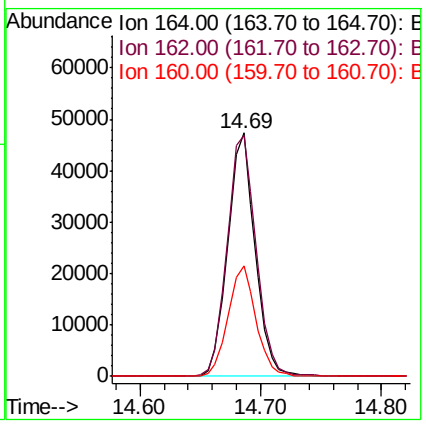


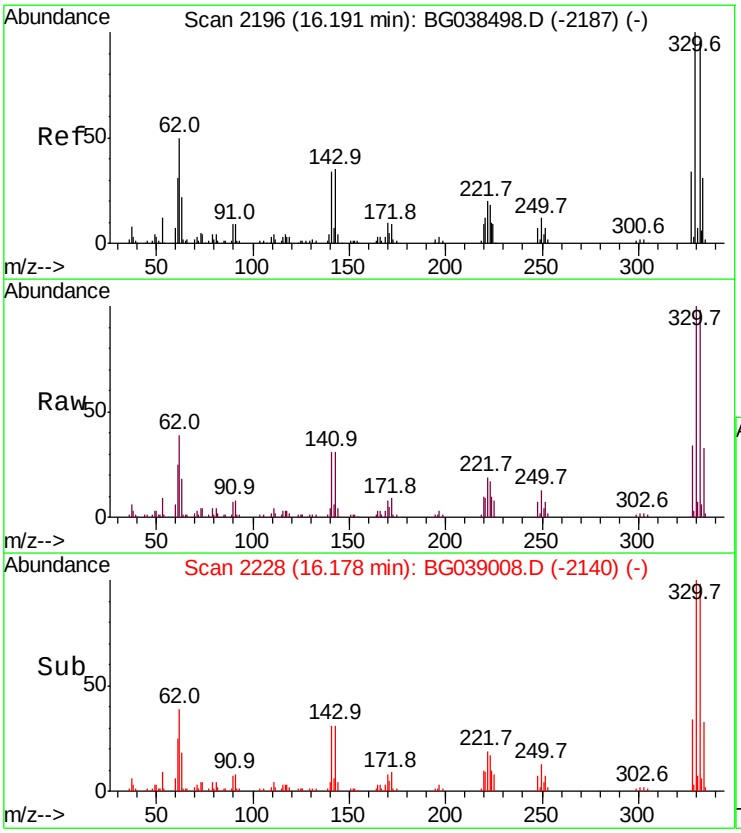
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampleId :
SWITCH-PIERS

Tgt Ion:164 Resp: 74401

Ion	Ratio	Lower	Upper
164	100		
162	99.1	86.6	130.0
160	45.6	34.2	51.2

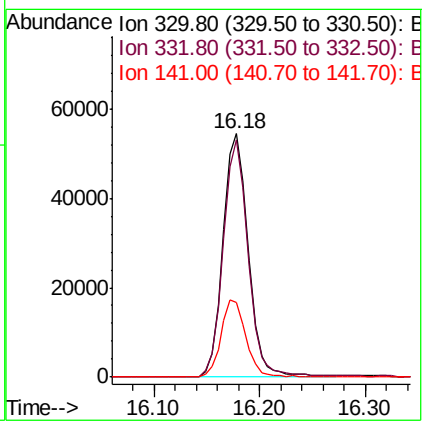


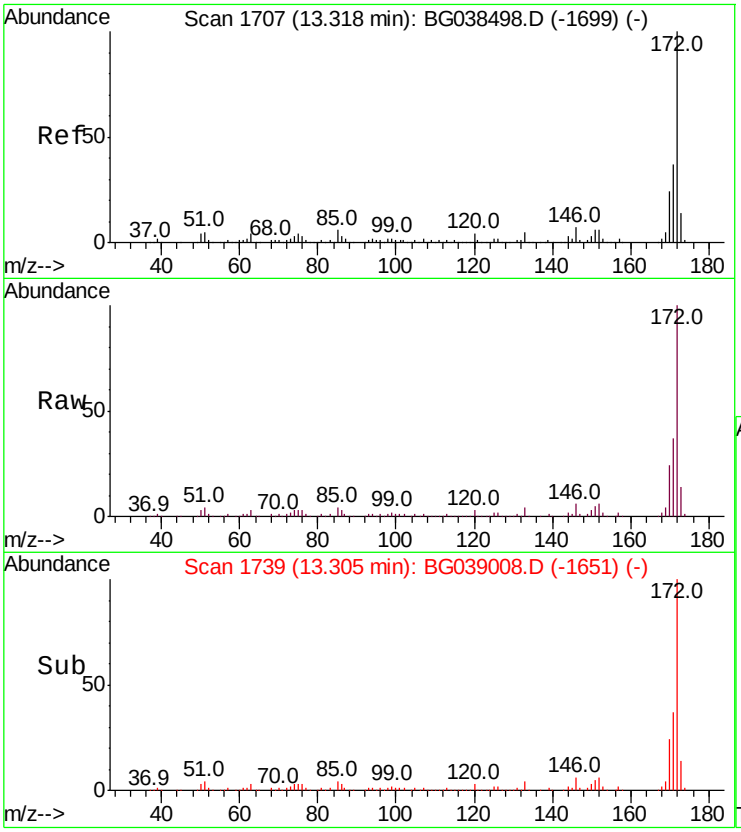


#42
2,4,6-Tribromophenol
Concen: 88.372 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion:330 Resp: 90615

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	31.2	28.8	43.2



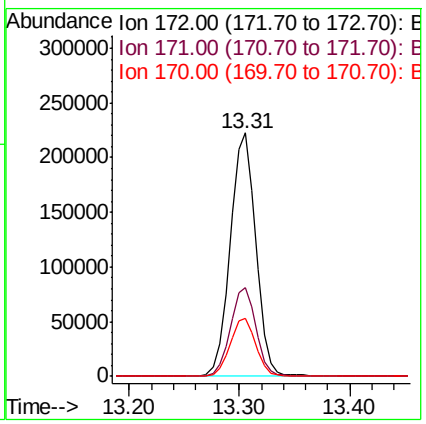


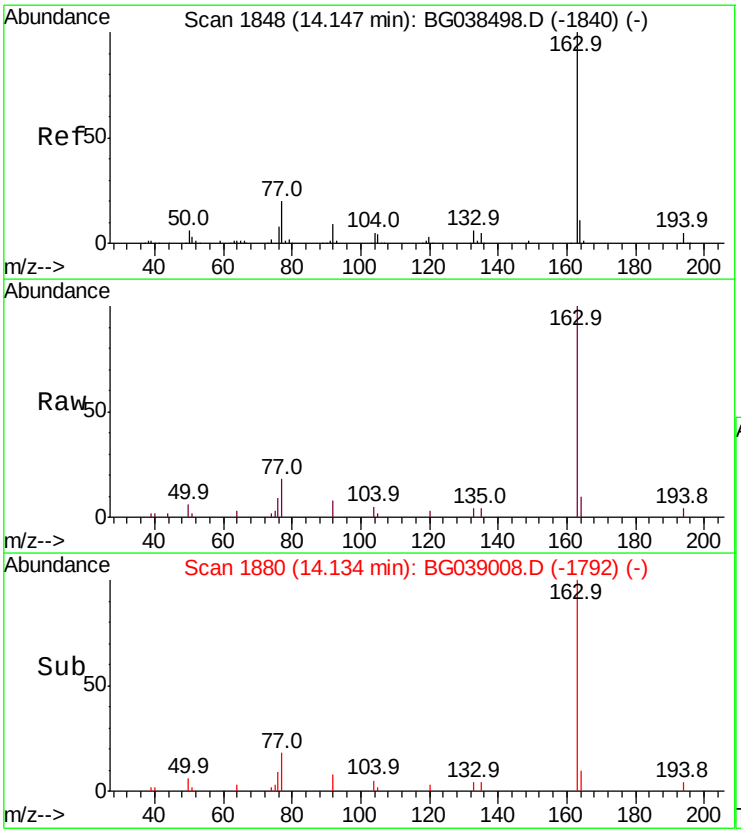
#45
2-Fluorobiphenyl
Concen: 66.779 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampleId :
SWITCH-PIERS

Tgt Ion:172 Resp: 362172

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.0	19.5	29.3

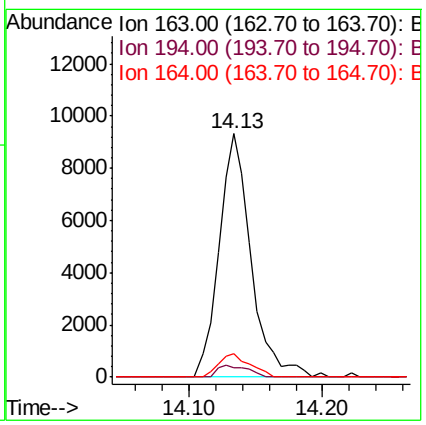


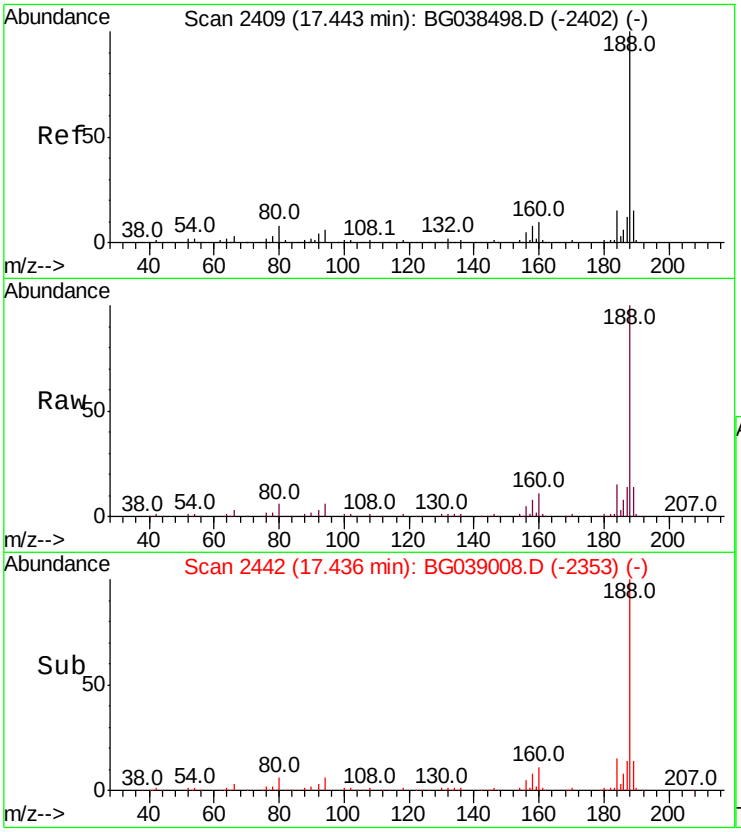


#50
Dimethylphthalate
Concen: 2.570 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion:163 Resp: 15614

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.7	5.5
164	9.6	8.6	12.8



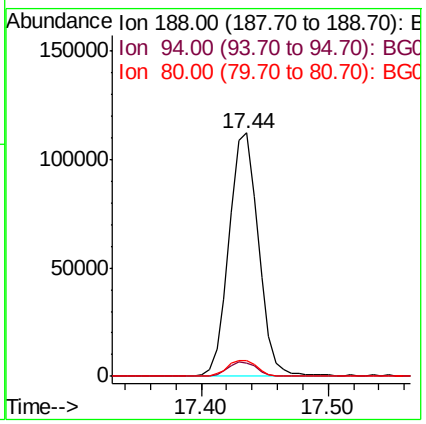


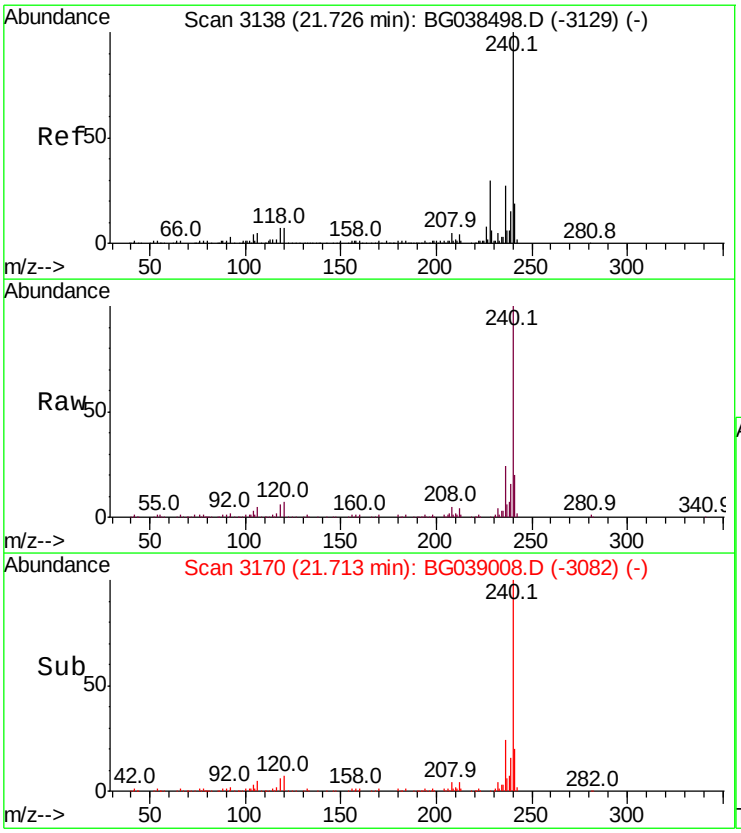
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampleId :
SWITCH-PIERS

Tgt Ion:188 Resp: 180453

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.1	7.7
80	6.5	6.1	9.1

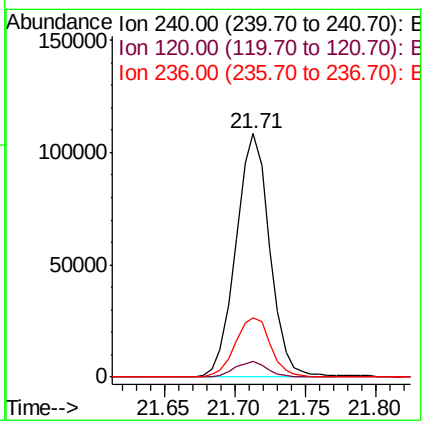


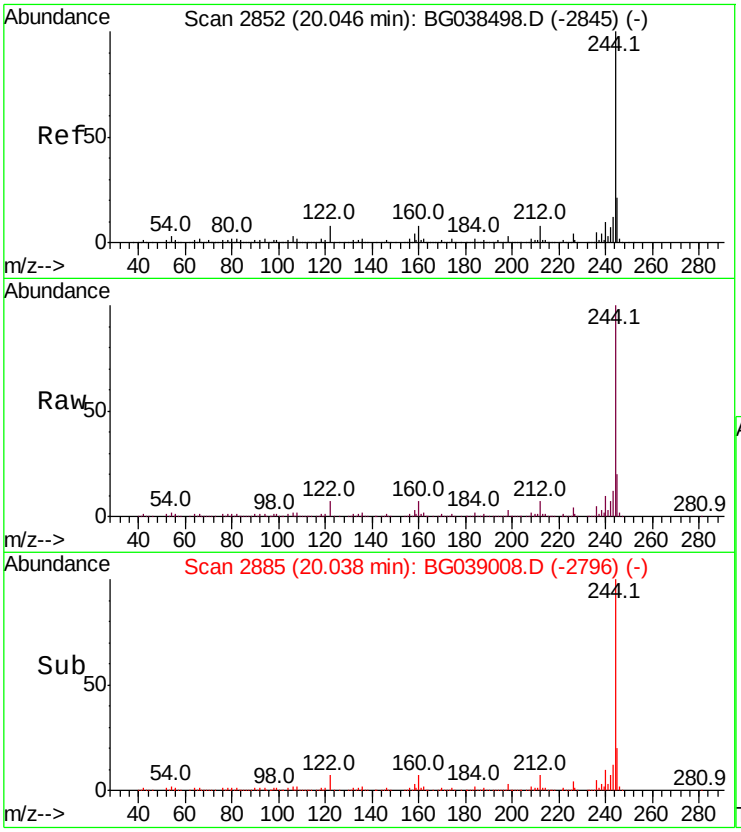


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion:240 Resp: 181734

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	24.4	21.4	32.2



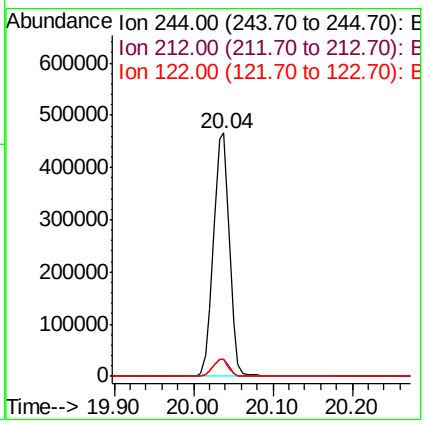


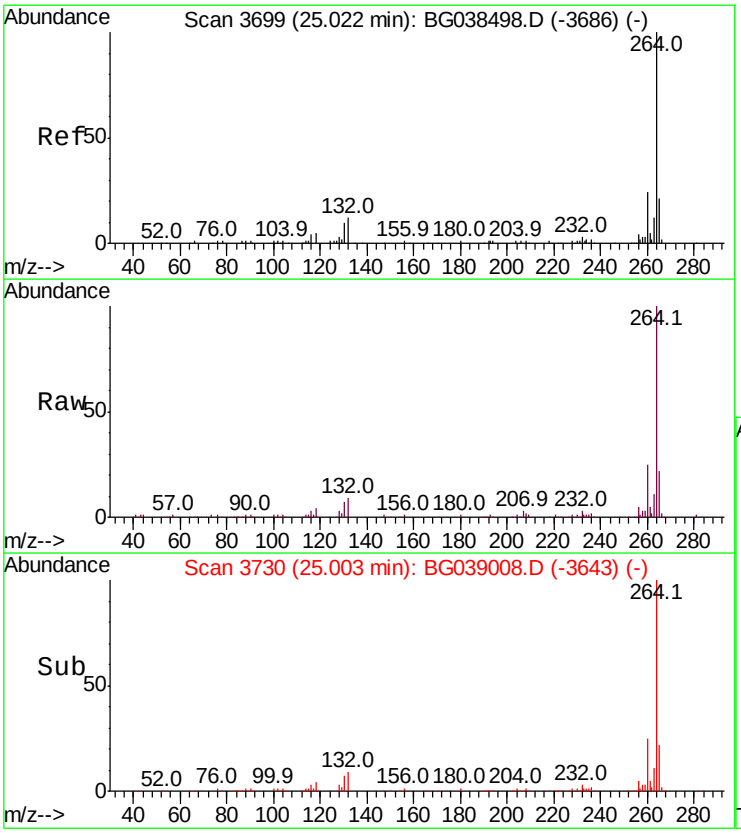
#79
Terphenyl-d14
Concen: 77.772 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Instrument :
BNA_G
ClientSampleId :
SWITCH-PIERS

Tgt Ion:244 Resp: 649429

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	6.9	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG039008.D
Acq: 9 Jan 2019 00:26

Tgt Ion:264 Resp: 192292

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	22.0	17.0	25.4