Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
Data File : BG023318.D
Acq On : 28 Jul 2016 22:26
Operator : UM/SJ
Sample : H4205-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-38-4.5-5.5

Quant Time: Jul 29 01:09:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	176770	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	803062	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	566622	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1325314	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1386085	20.00	ng	0.00
86) Perylene-d12	25.30	264	1394527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1124799	108.63	ng	0.00
7) Phenol-d6	7.29	99	1699380	106.90	ng	0.00
23) Nitrobenzene-d5	9.31	82	1123469	68.41	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	702004	119.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2294844	75.80	ng	0.00
78) Terphenyl-d14	20.18	244	2843899	66.70	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.29	122	77	8.12	ng	# 1
49) Dimethylphthalate	14.25	163	763141	18.25	ng	100

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

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Misc :
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Instrument :
BNA_G
ClientSampleId :
SB-38-4.5-5.5

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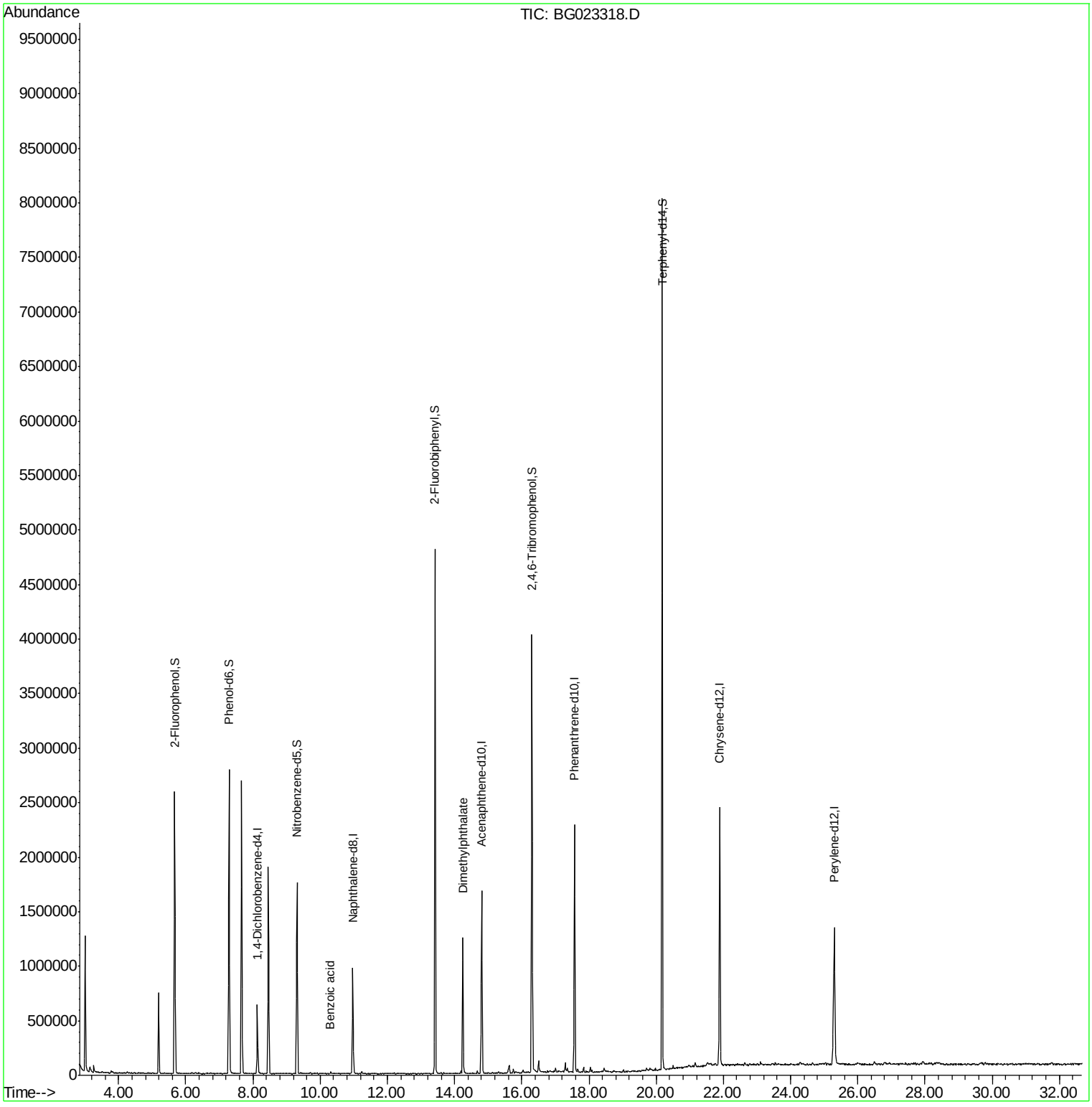
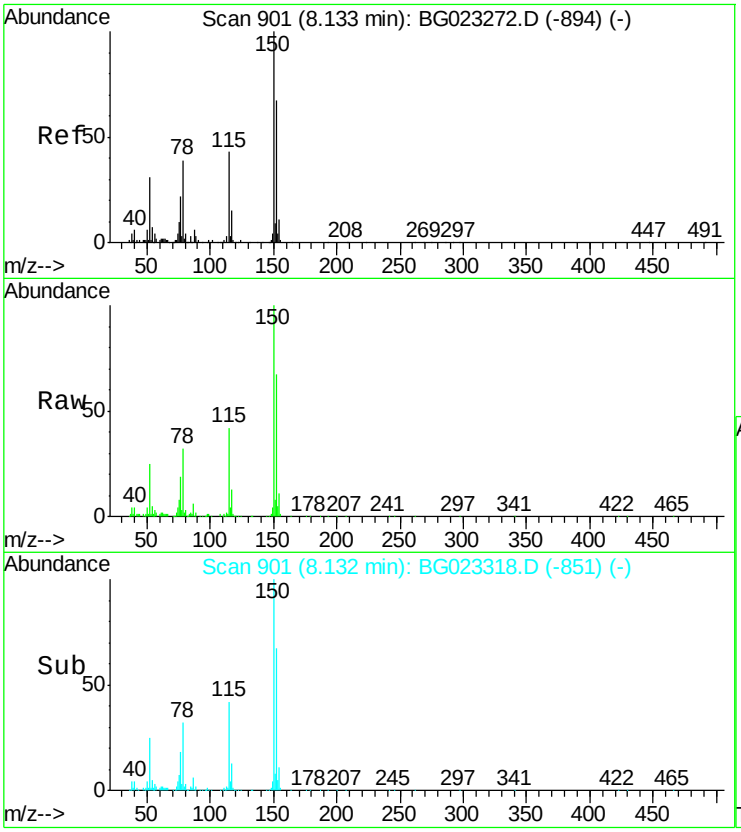


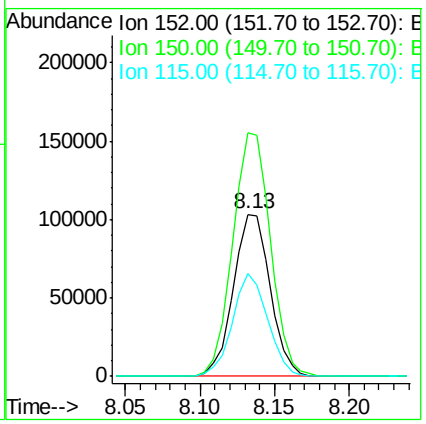


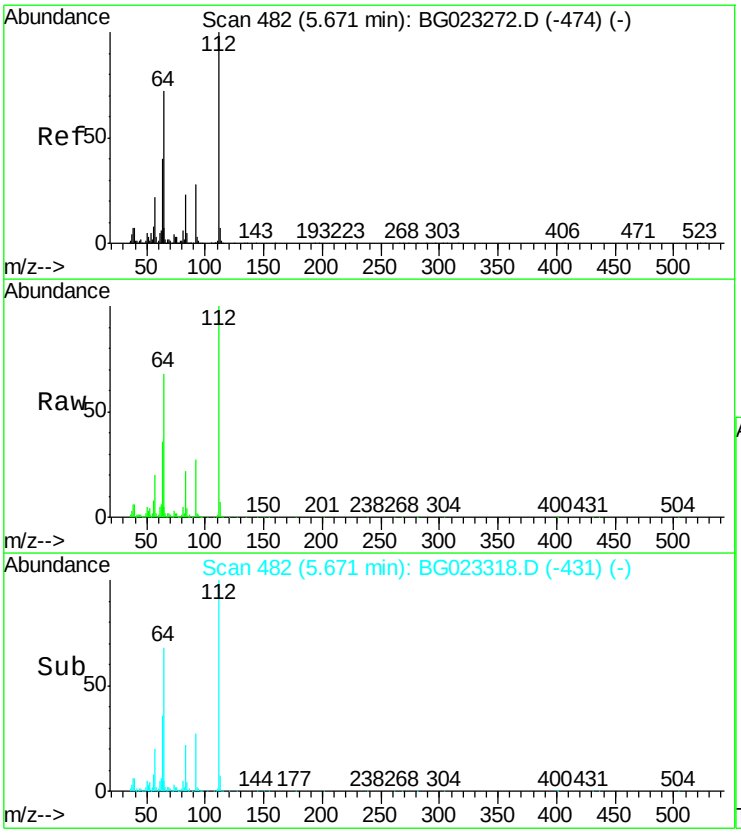
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Instrument :
BNA_G
ClientSampleId :
SB-38-4.5-5.5

Tgt Ion:152 Resp: 176770

Ion	Ratio	Lower	Upper
152	100		
150	150.0	144.7	217.1
115	63.6	64.0	96.0#

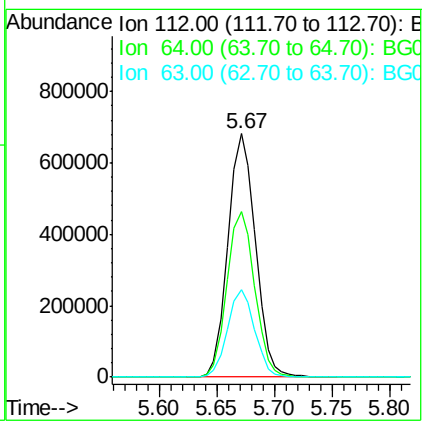


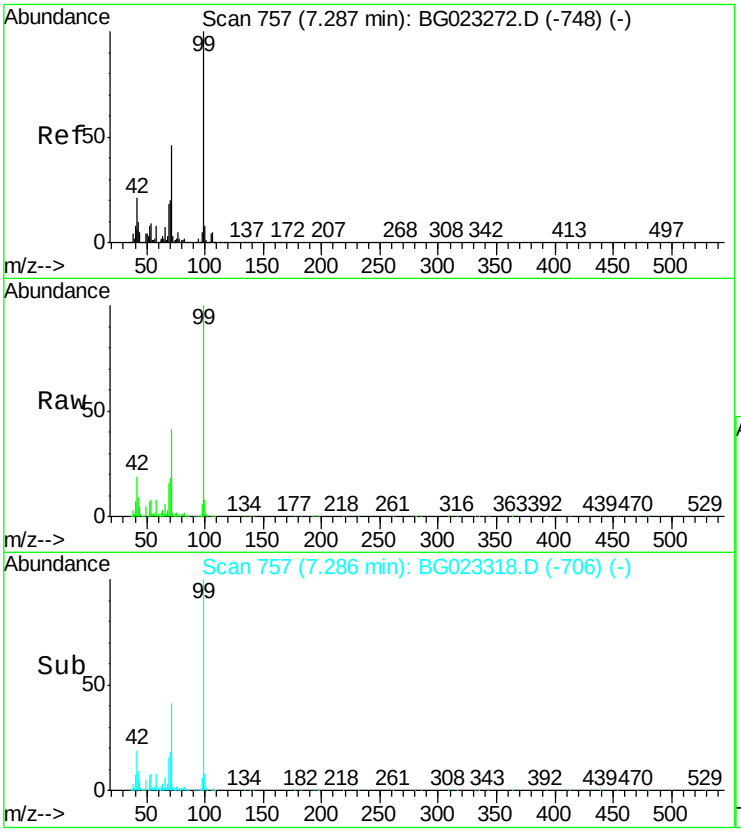


#5
2-Fluorophenol
Concen: 108.63 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Tgt Ion:112 Resp: 1124799

Ion	Ratio	Lower	Upper
112	100		
64	68.0	59.0	88.4
63	36.1	37.8	56.8#



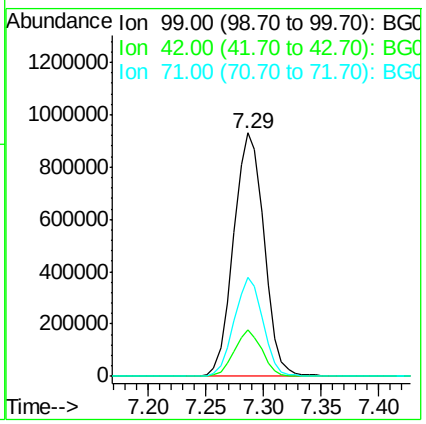


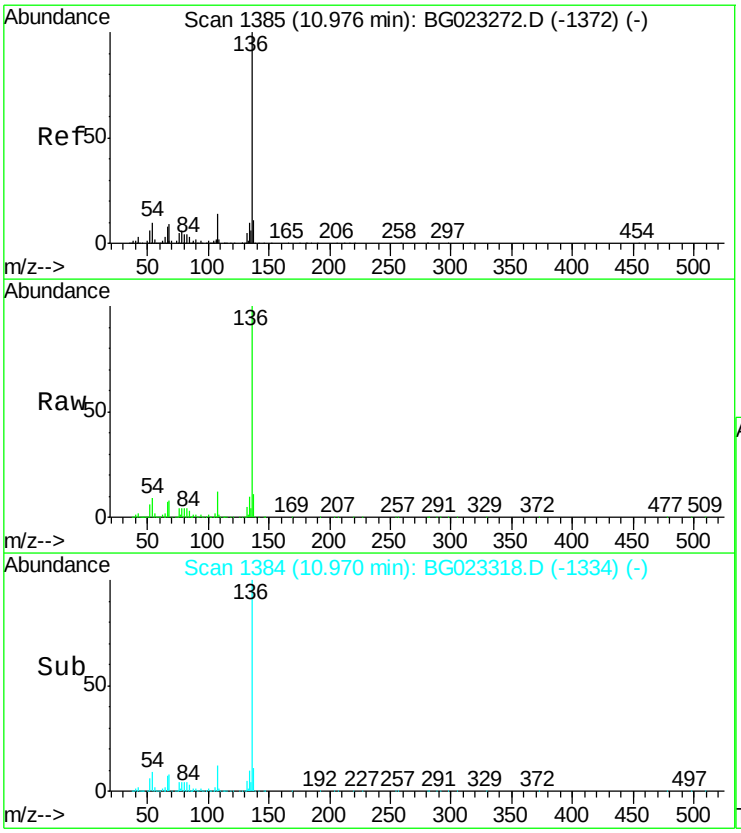
#7
Phenol-d6
Concen: 106.90 ng
RT: 7.29 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Instrument :
BNA_G
ClientSampleId :
SB-38-4.5-5.5

Tgt Ion: 99 Resp: 1699380

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.8	26.6
71	40.6	41.5	62.3#

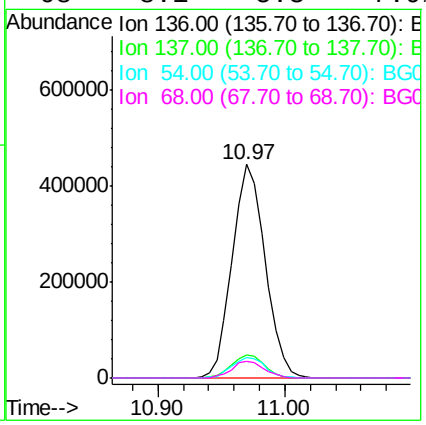


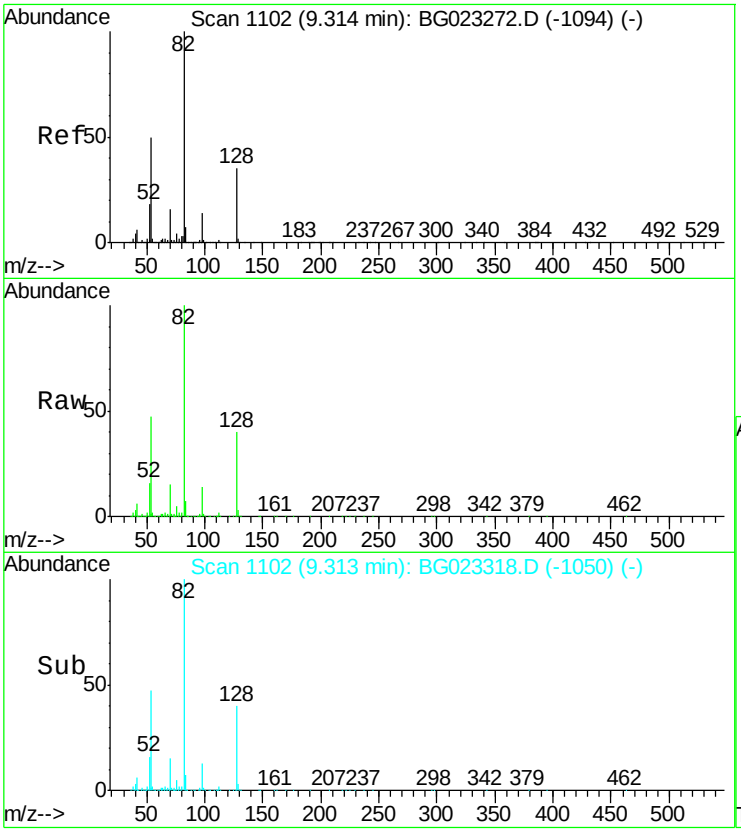


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Tgt Ion:136 Resp: 803062

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.3	7.3	10.9
68	8.1	5.3	7.9#



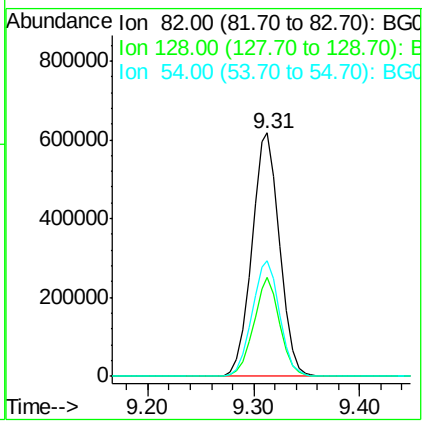


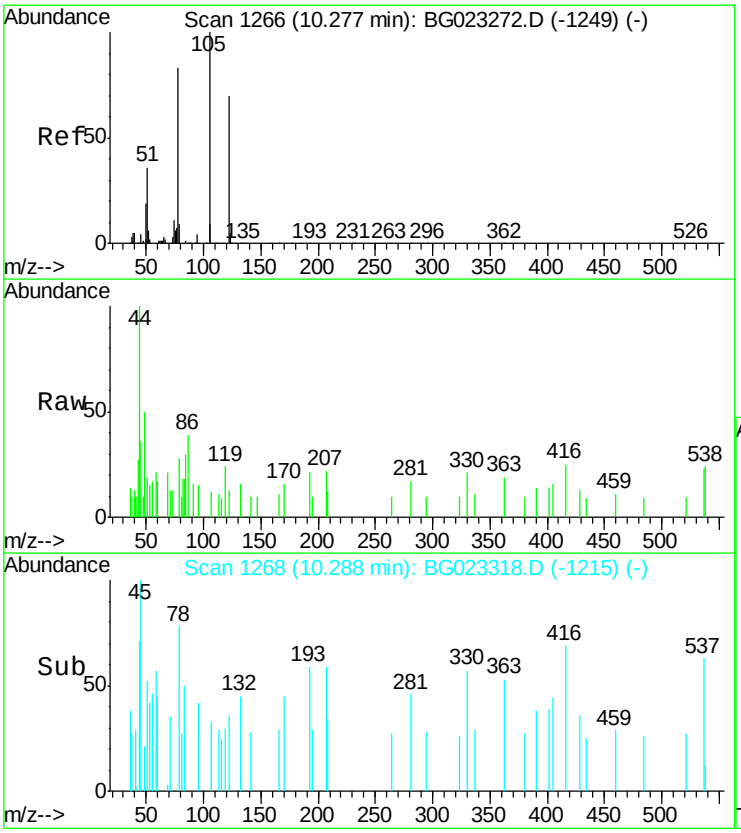
#23
Nitrobenzene-d5
Concen: 68.41 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Instrument :
BNA_G
ClientSampleId :
SB-38-4.5-5.5

Tgt Ion: 82 Resp: 1123469

Ion	Ratio	Lower	Upper
82	100		
128	40.5	24.4	36.6#
54	47.3	41.4	62.0

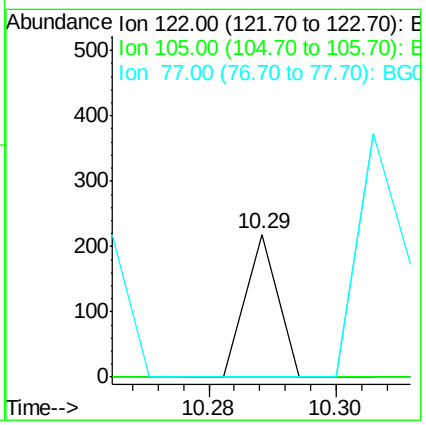


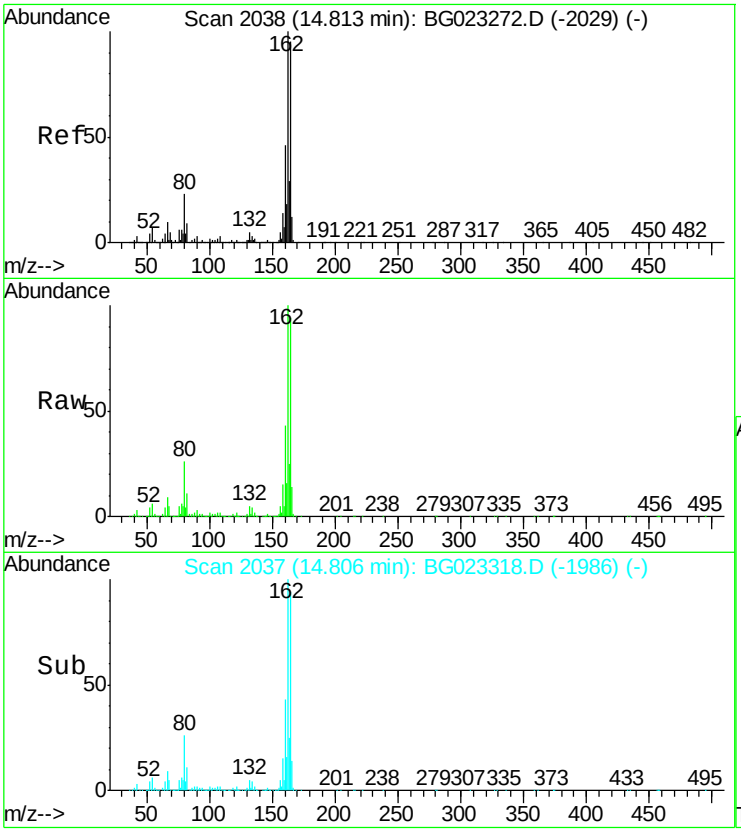


#32
Benzoic acid
Concen: 8.12 ng
RT: 10.29 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Tgt Ion:122 Resp: 77

Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#



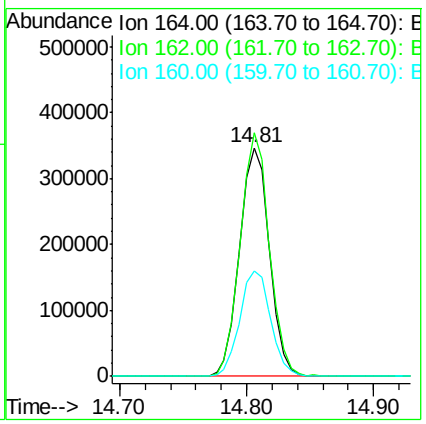


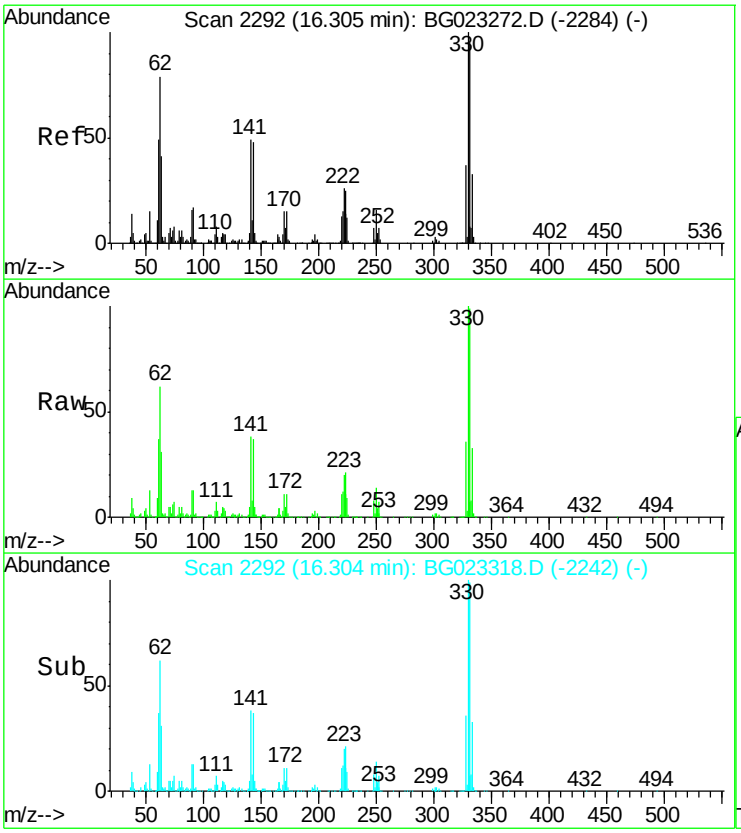
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Instrument :
BNA_G
ClientSampleId :
SB-38-4.5-5.5

Tgt Ion:164 Resp: 566622

Ion	Ratio	Lower	Upper
164	100		
162	106.4	87.7	131.5
160	46.1	37.2	55.8

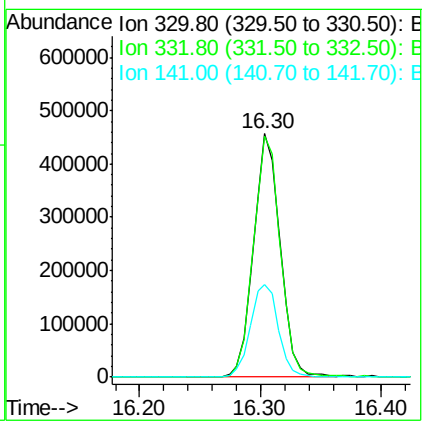


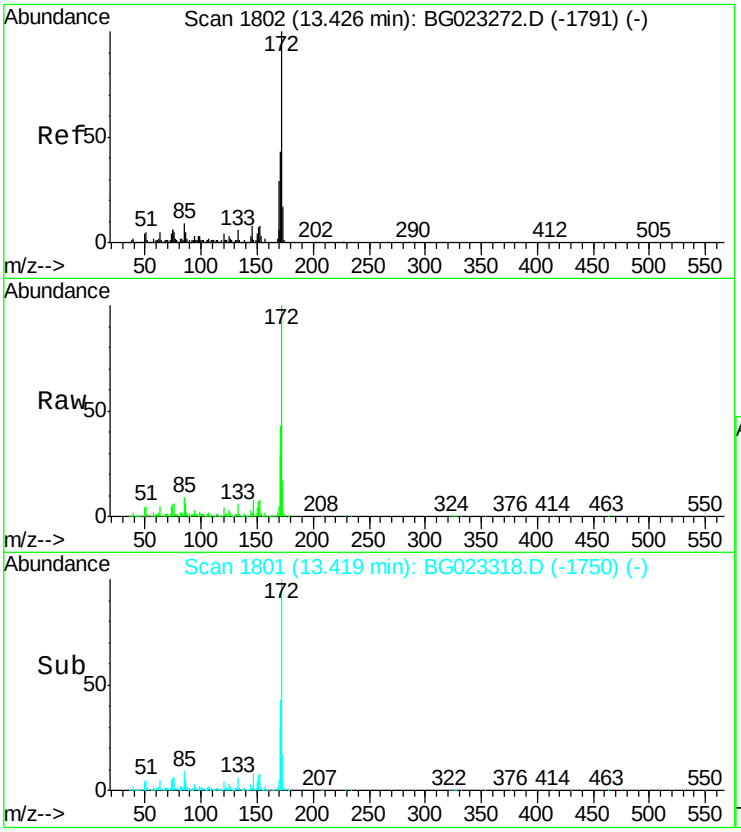


#41
2,4,6-Tribromophenol
Concen: 119.70 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Tgt Ion:330 Resp: 702004

Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.4	116.2
141	40.2	31.7	47.5



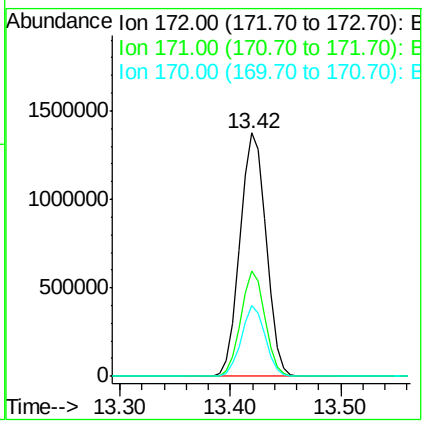


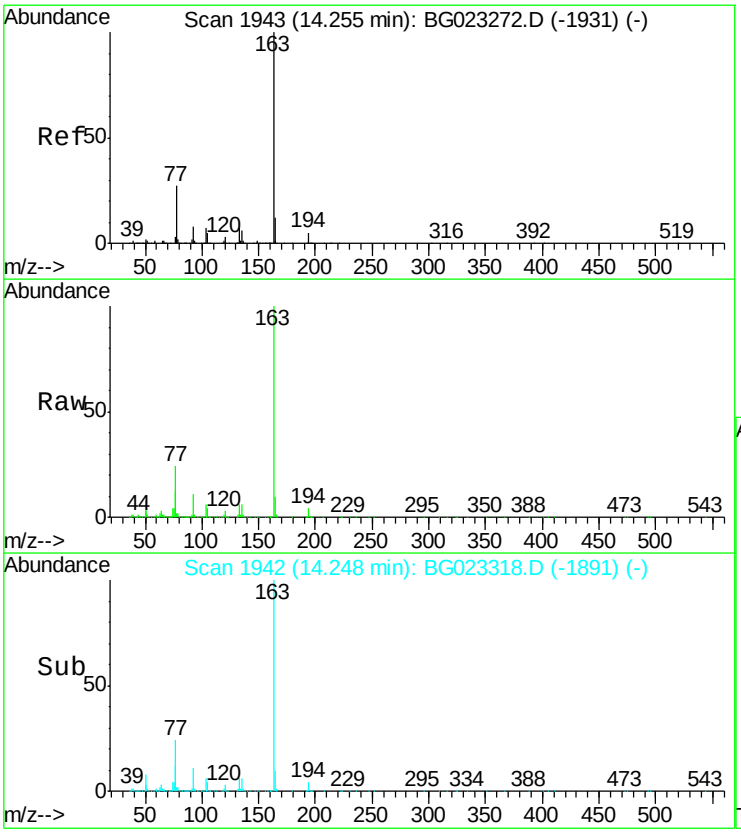
#44
2-Fluorobiphenyl
Concen: 75.80 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Instrument :
BNA_G
ClientSampleId :
SB-38-4.5-5.5

Tgt Ion:172 Resp: 2294844

Ion	Ratio	Lower	Upper
172	100		
171	43.2	31.6	47.4
170	29.1	21.3	31.9

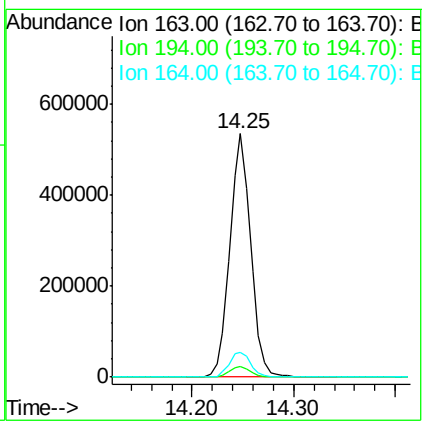


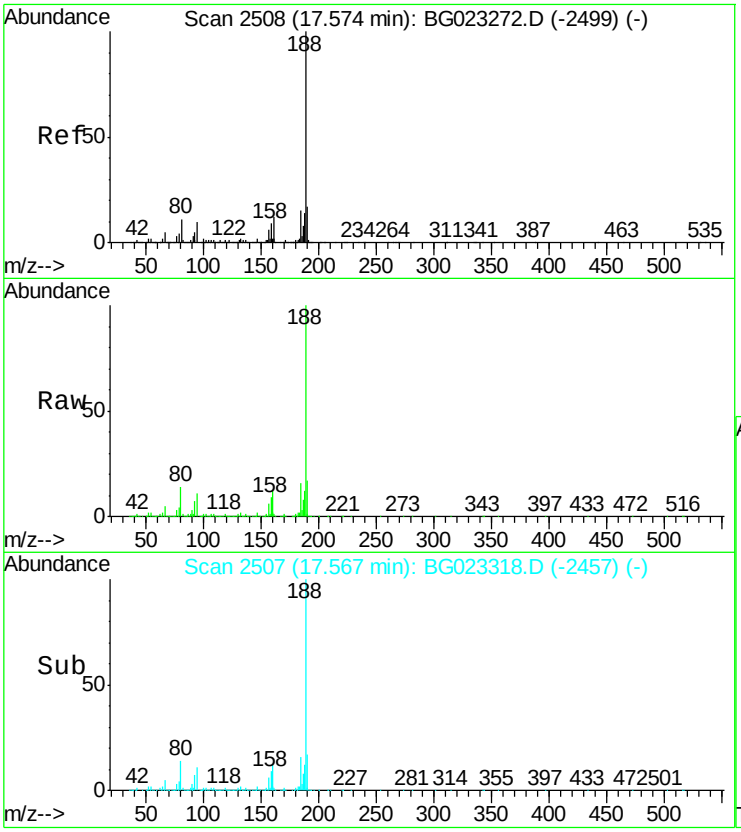


#49
Dimethylphthalate
Concen: 18.25 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Tgt Ion:163 Resp: 763141

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.0	8.1	12.1



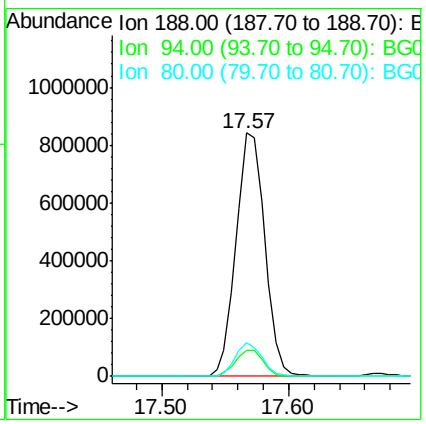


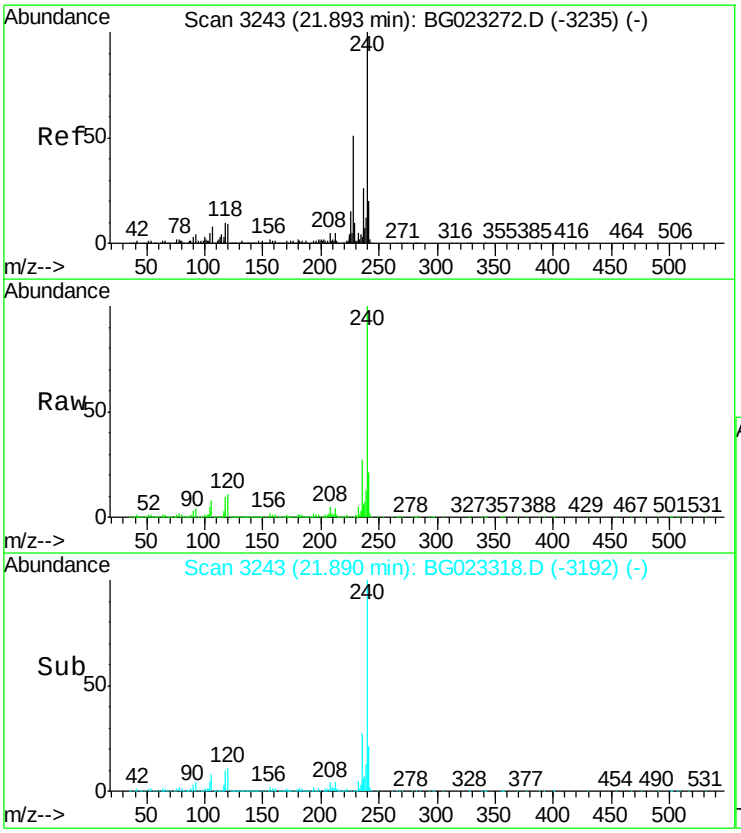
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Instrument :
BNA_G
ClientSampleId :
SB-38-4.5-5.5

Tgt Ion:188 Resp: 1325314

Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.2	7.8#
80	13.8	7.2	10.8#

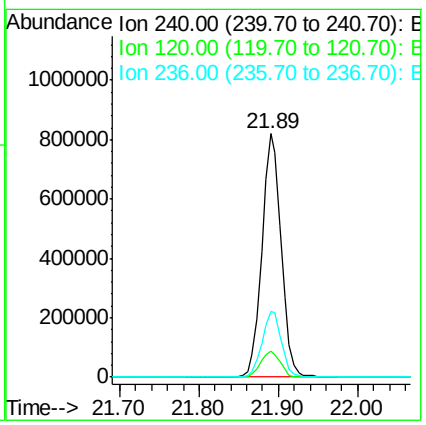


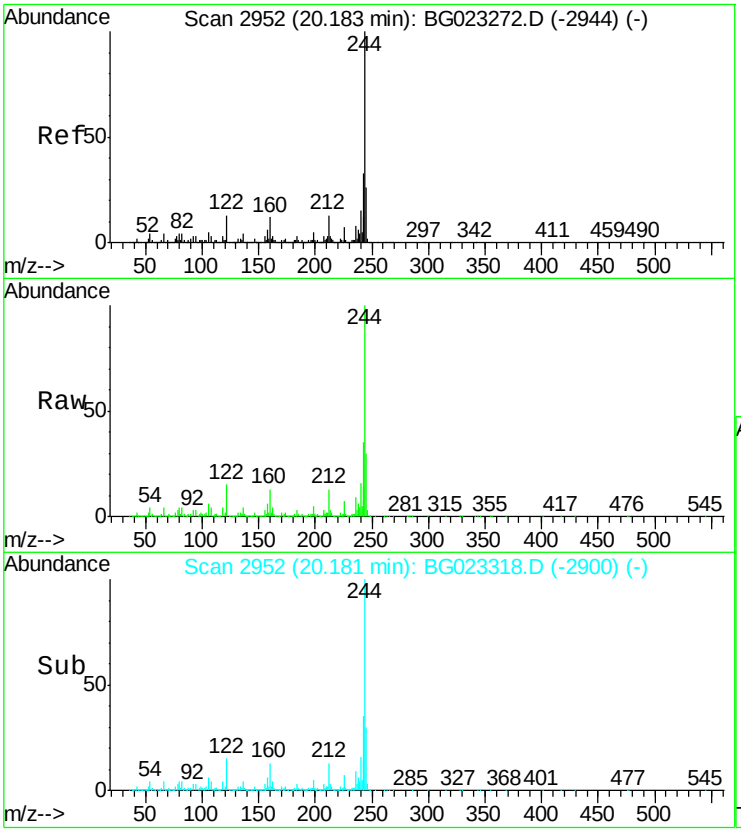


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Tgt Ion:240 Resp: 1386085

Ion	Ratio	Lower	Upper
240	100		
120	10.6	4.1	6.1#
236	27.2	21.1	31.7



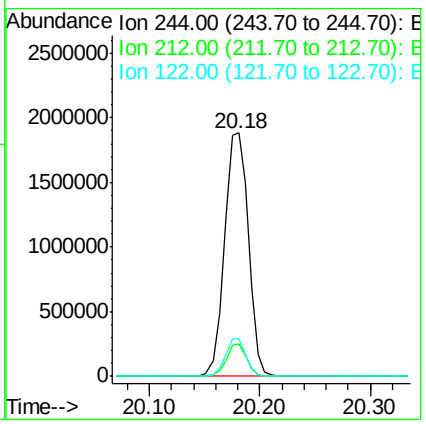


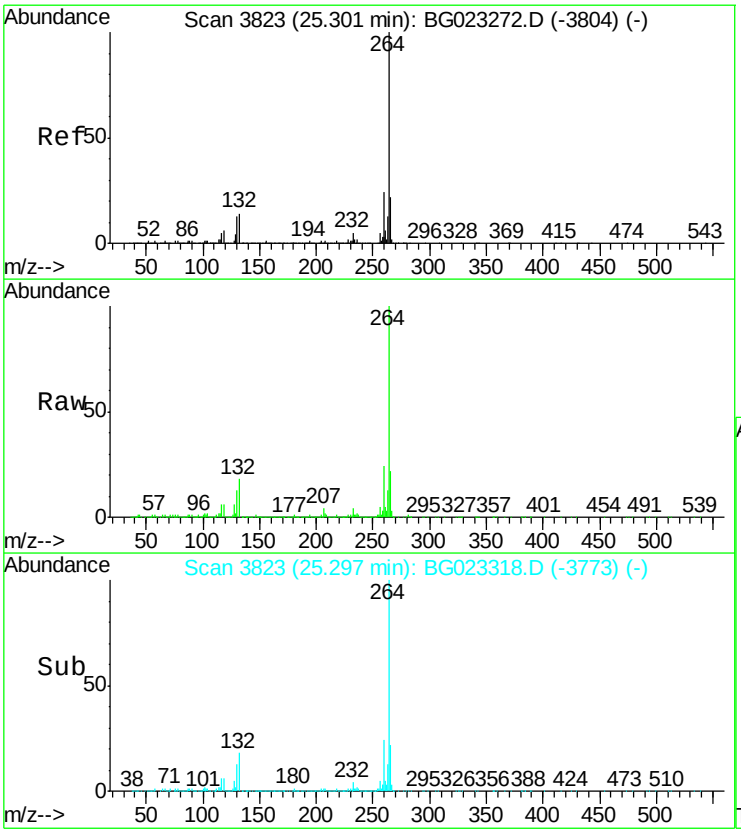
#78
Terphenyl-d14
Concen: 66.70 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Instrument :
BNA_G
ClientSampleId :
SB-38-4.5-5.5

Tgt Ion:244 Resp: 2843899

Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.8	16.2
122	15.3	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Tgt Ion:264 Resp: 1394527

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.3	18.9	28.3