Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022607.D
Acq On : 26 Jun 2016 12:45
Operator : UM/SJ
Sample : H3761-02
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-5F-9-11

Quant Time: Jun 27 01:36:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	113276	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	473948	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	335694	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	896128	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1038966	20.00	ng	0.00
86) Perylene-d12	25.21	264	1067992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	855130	121.08	ng	0.00
7) Phenol-d6	7.31	99	1297156	130.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	907829	81.07	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	703036	133.15	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1645566	77.74	ng	0.00
78) Terphenyl-d14	20.15	244	2533827	64.61	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.18	122	15321	7.57	ng	# 79
49) Dimethylphthalate	14.24	163	297484	10.68	ng	99

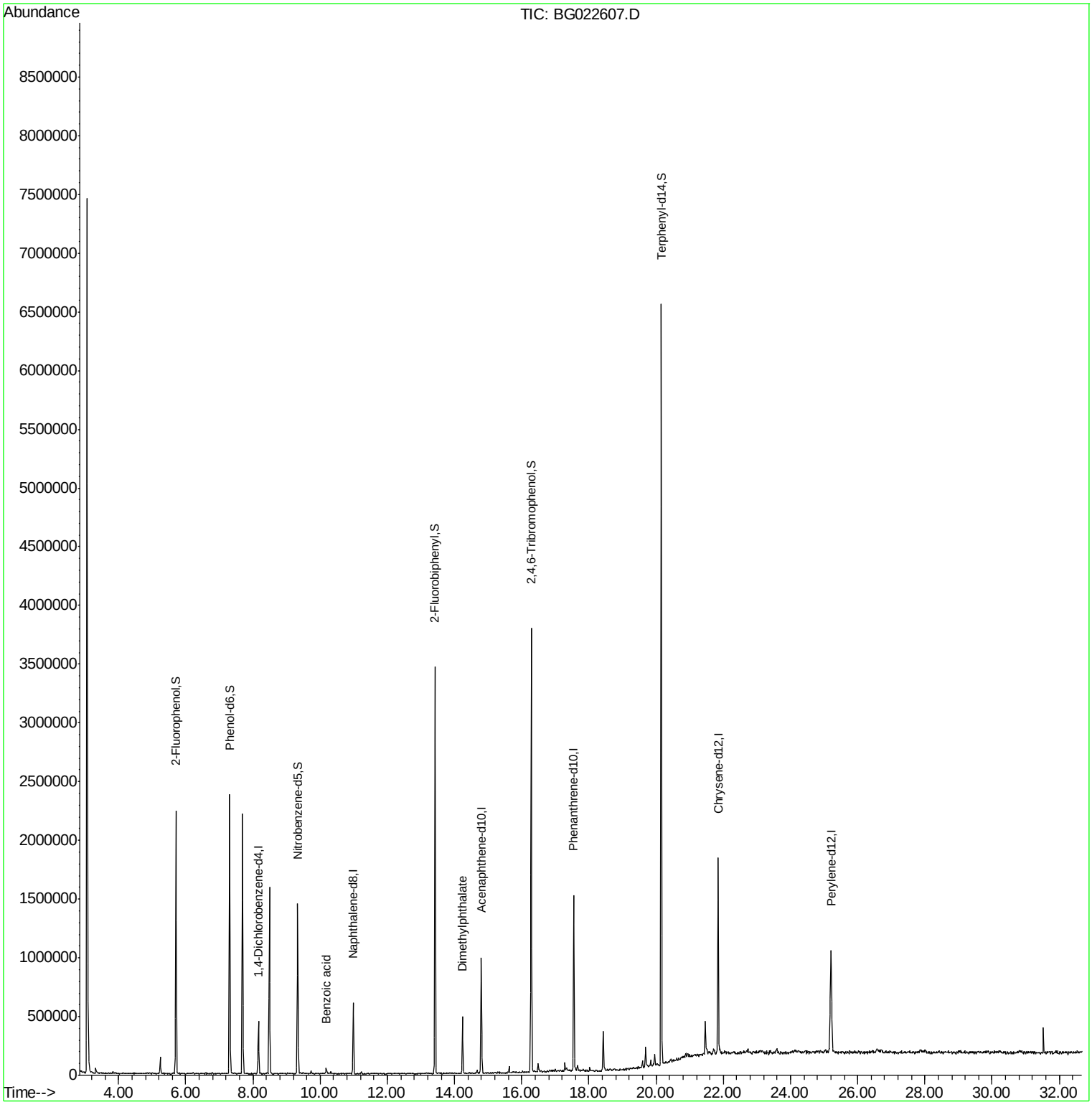
(#) = qualifier out of range (m) = manual integration (+) = signals summed

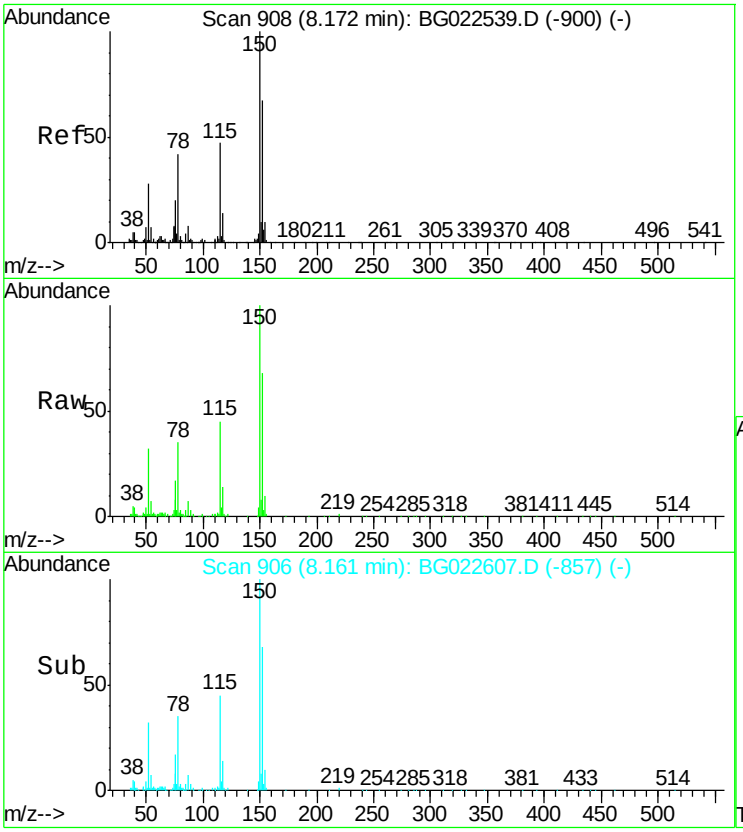
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022607.D
Acq On : 26 Jun 2016 12:45
Operator : UM/SJ
Sample : H3761-02
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11

Quant Time: Jun 27 01:36:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration



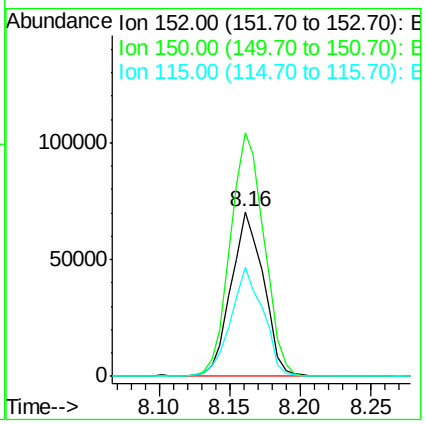


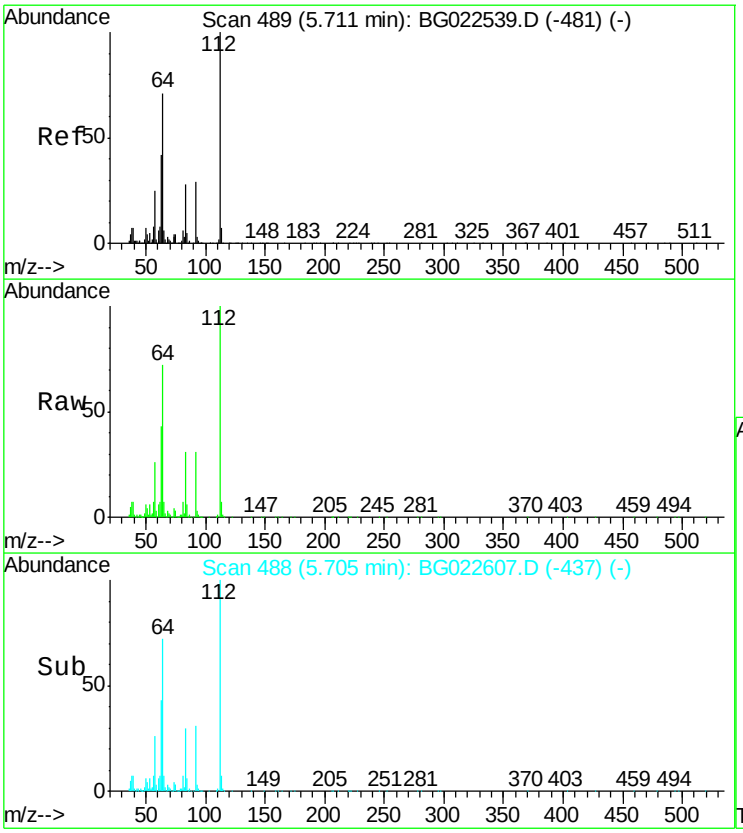
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:152 Resp: 113276

Ion	Ratio	Lower	Upper
152	100		
150	147.6	144.7	217.1
115	66.0	64.0	96.0

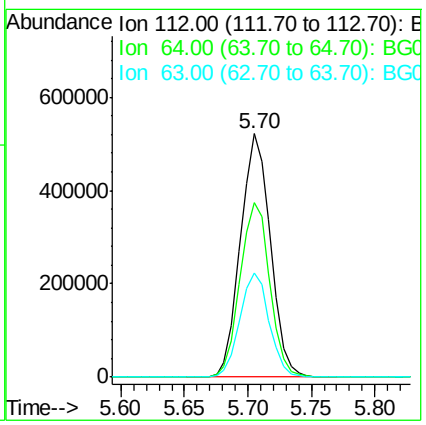


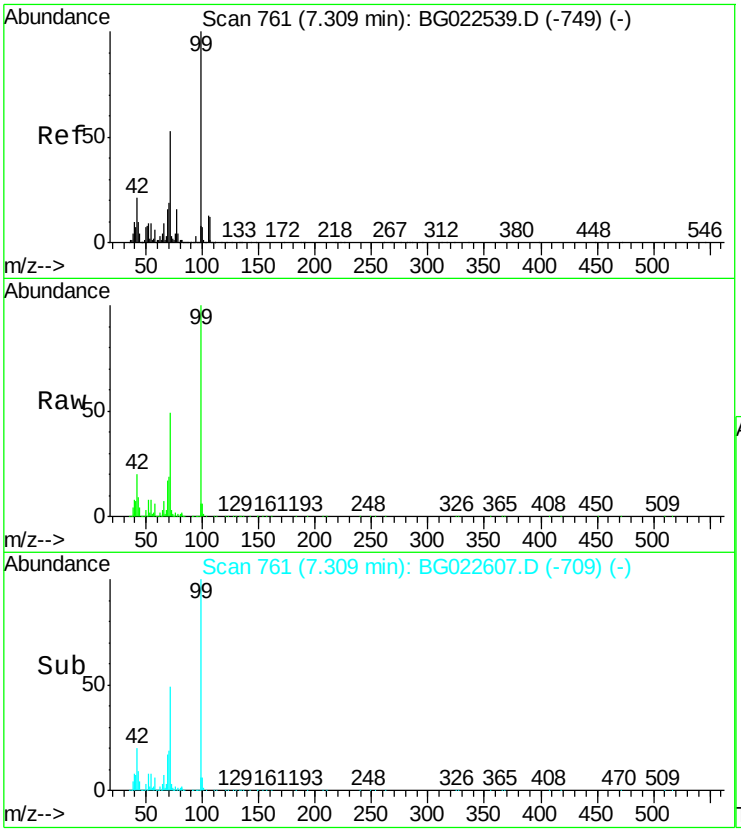


#5
2-Fluorophenol
Concen: 121.08 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion:112 Resp: 855130

Ion	Ratio	Lower	Upper
112	100		
64	71.8	59.0	88.4
63	43.0	37.8	56.8



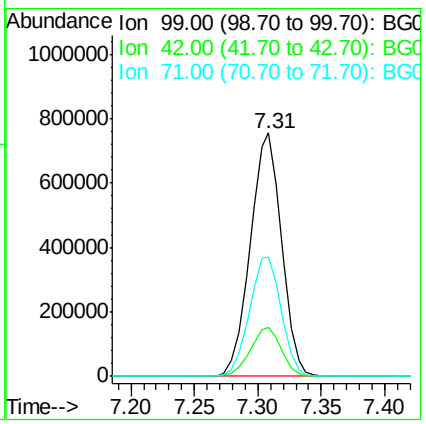


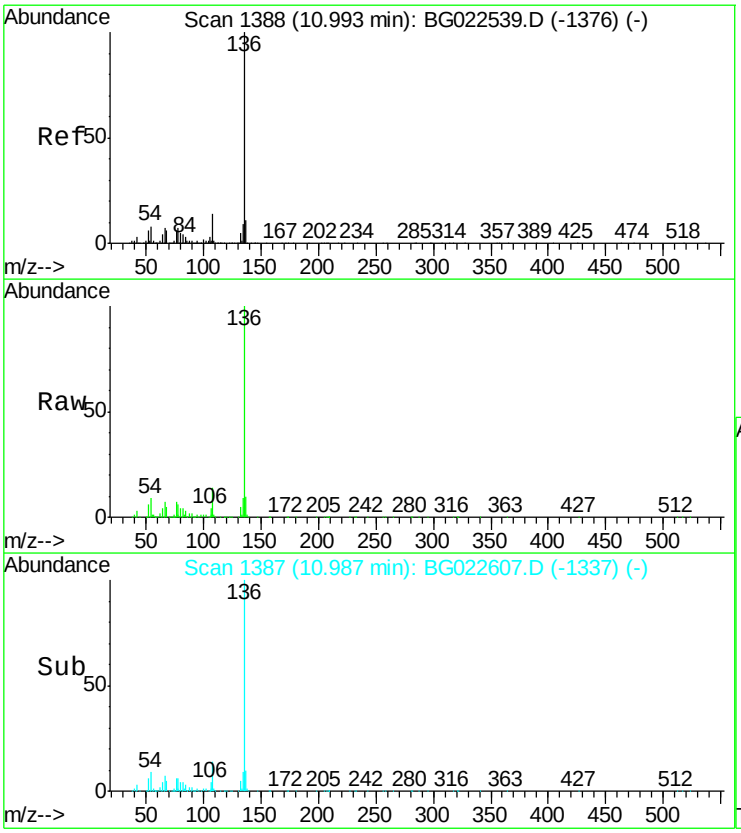
#7
Phenol-d6
Concen: 130.31 ng
RT: 7.31 min Scan# 761
Delta R.T. 0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion: 99 Resp: 1297156

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.8	26.6
71	49.2	41.5	62.3

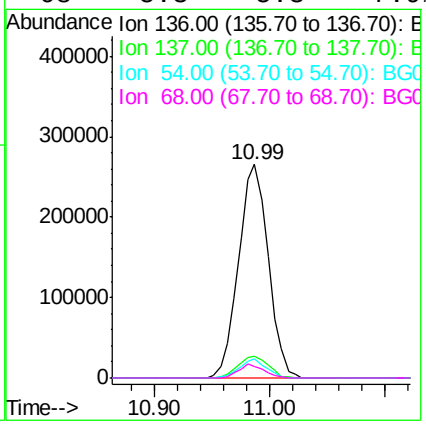


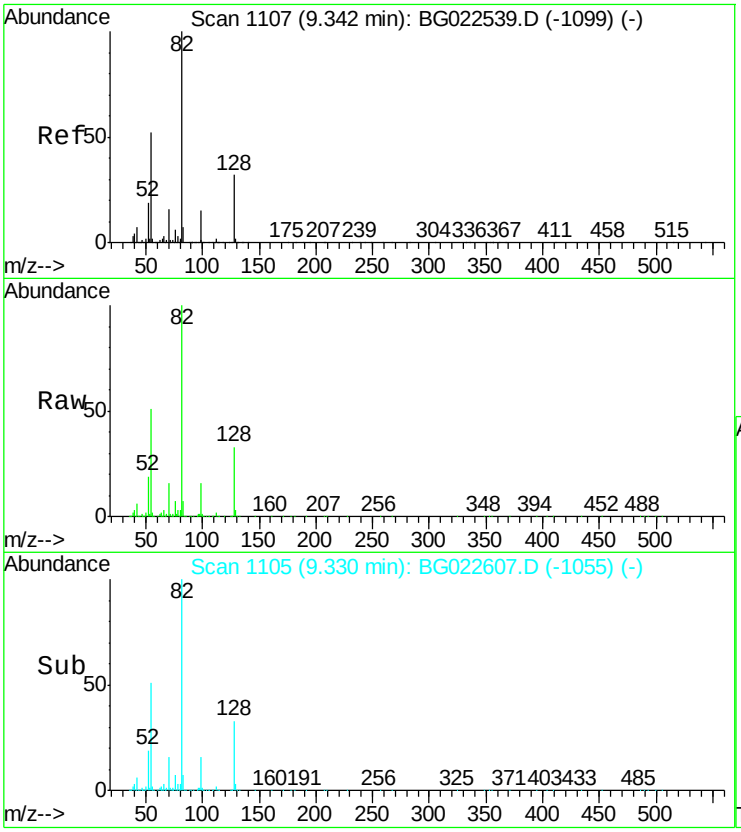


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion:136 Resp: 473948

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	8.8	7.3	10.9
68	5.3	5.3	7.9#



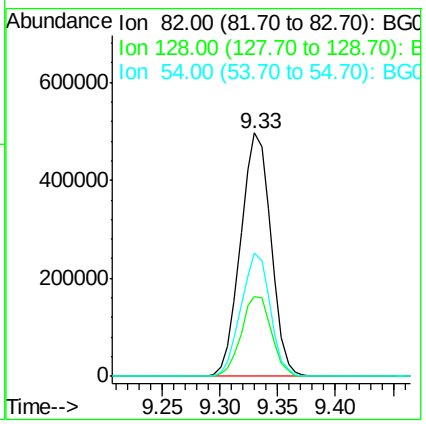


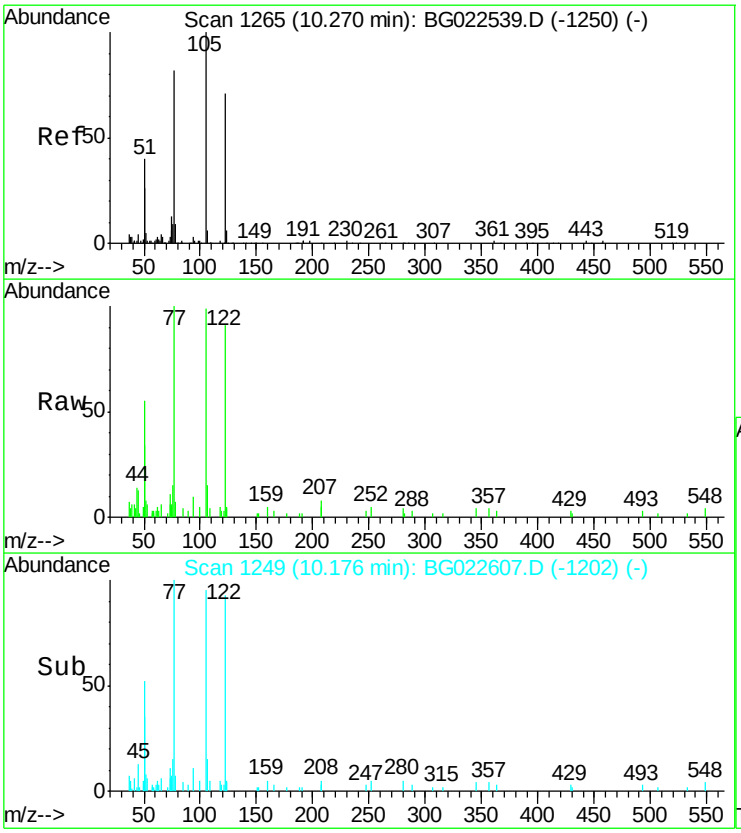
#23
Nitrobenzene-d5
Concen: 81.07 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion: 82 Resp: 907829

Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	50.8	41.4	62.0

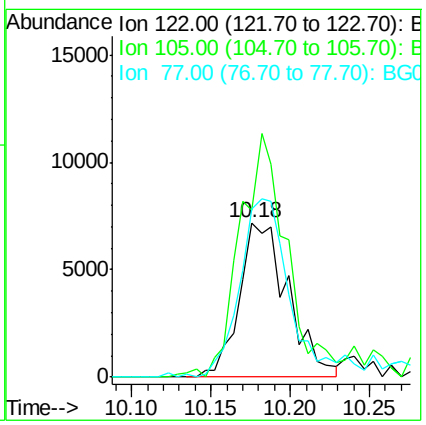


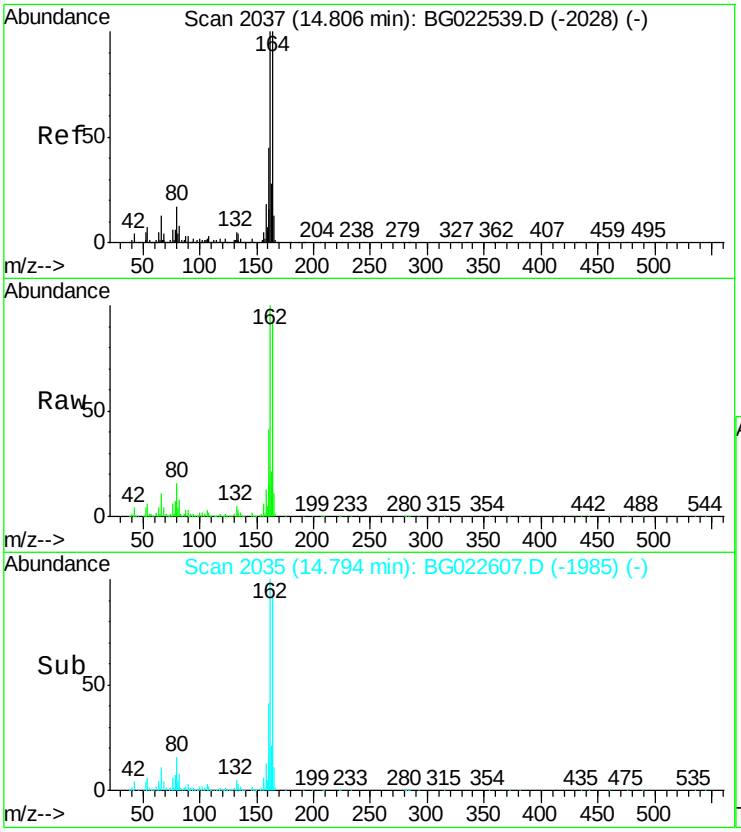


#32
Benzoic acid
Concen: 7.57 ng
RT: 10.18 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion:122 Resp: 15321

Ion	Ratio	Lower	Upper
122	100		
105	107.9	117.2	157.2#
77	109.5	109.2	149.2



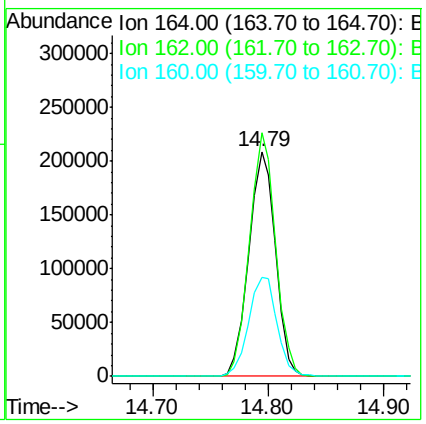


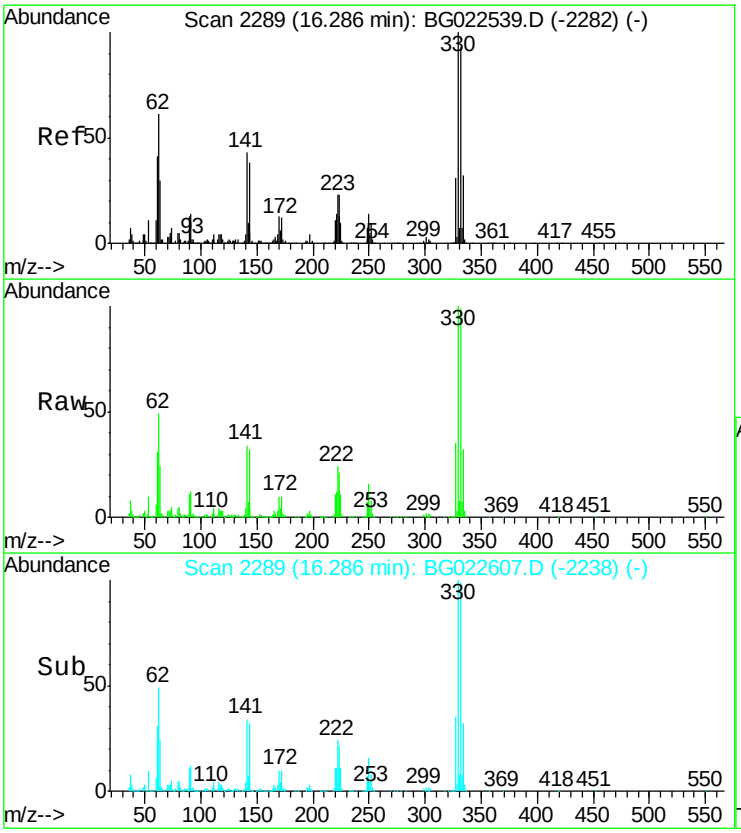
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:164 Resp: 335694

Ion	Ratio	Lower	Upper
164	100		
162	108.3	87.7	131.5
160	44.3	37.2	55.8

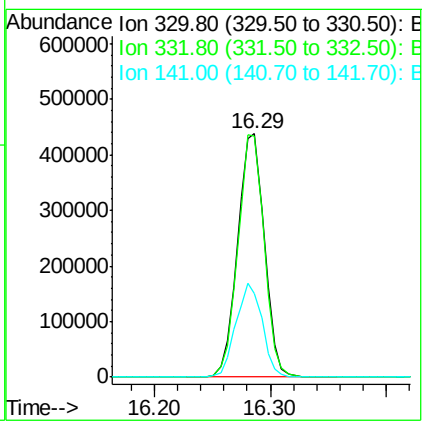


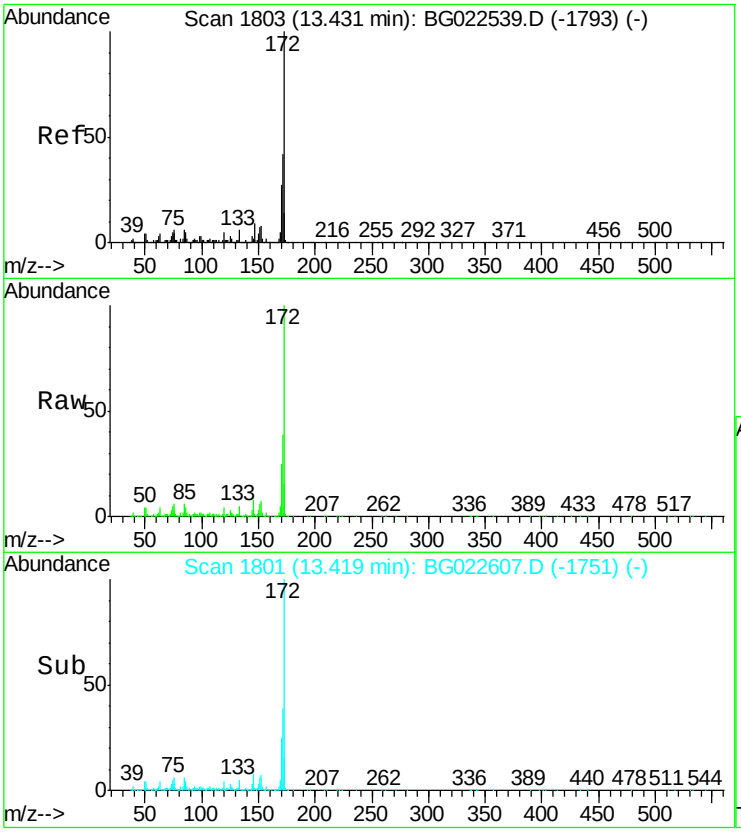


#41
2,4,6-Tribromophenol
Concen: 133.15 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion:330 Resp: 703036

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	37.7	31.7	47.5



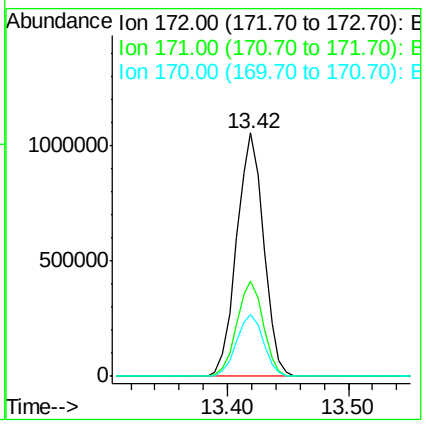


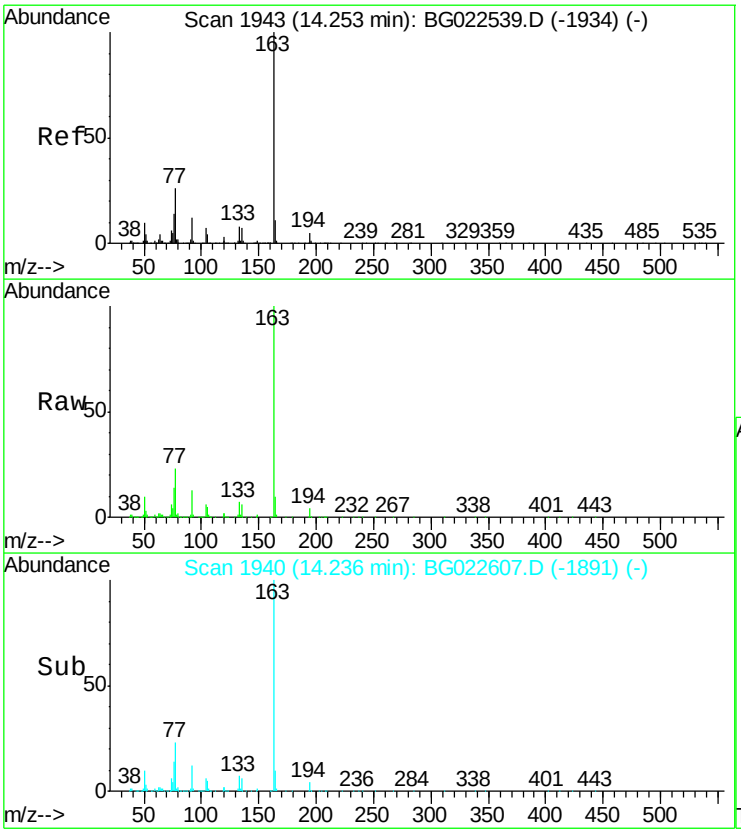
#44
2-Fluorobiphenyl
Concen: 77.74 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:172 Resp: 1645566

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	25.3	21.3	31.9

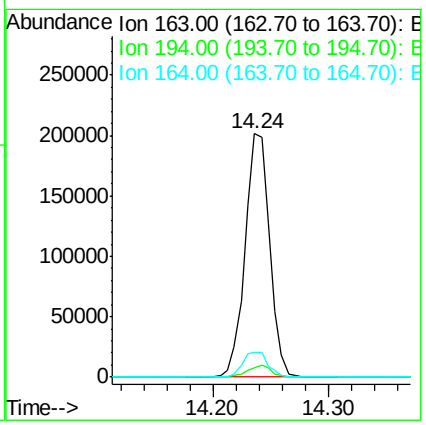


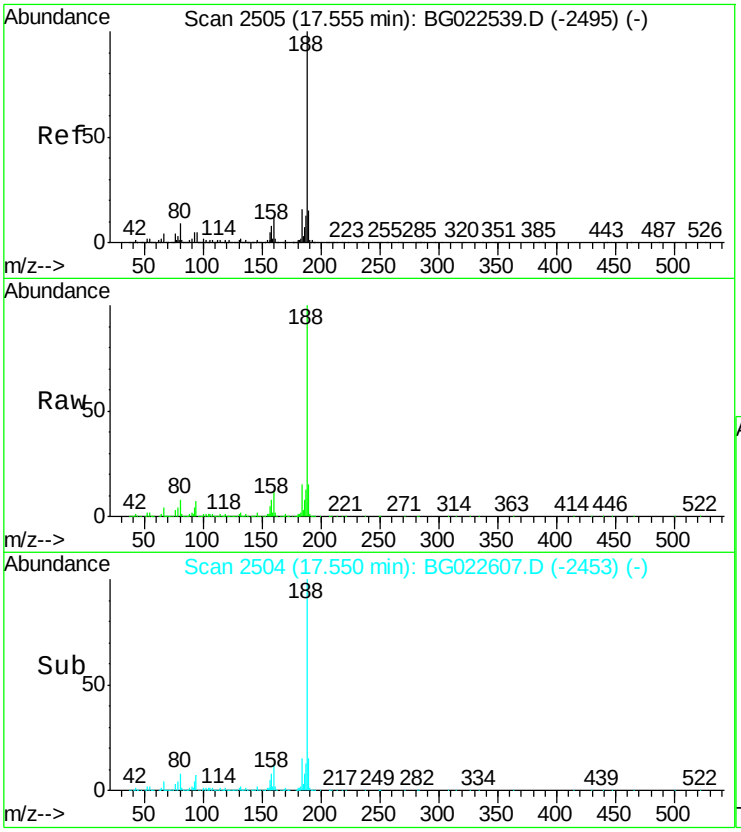


#49
Dimethylphthalate
Concen: 10.68 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion:163 Resp: 297484

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	10.0	8.1	12.1



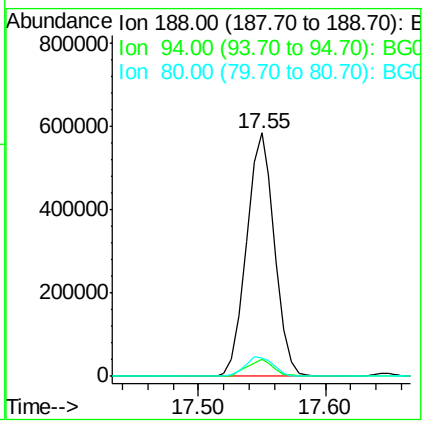


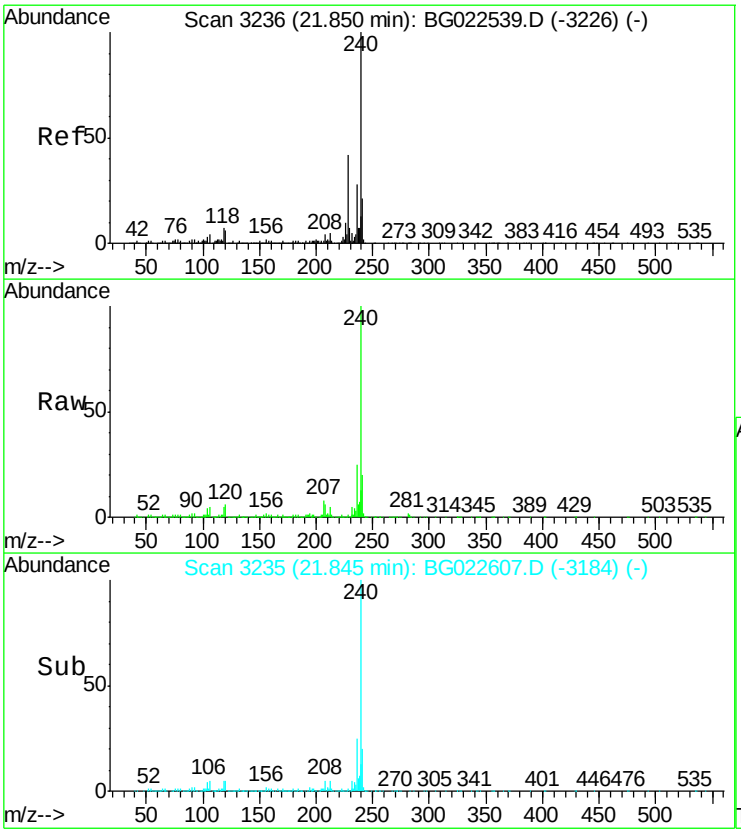
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:188 Resp: 896128

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.2	7.8
80	7.7	7.2	10.8

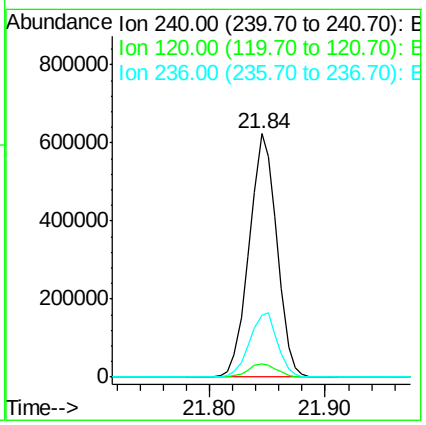


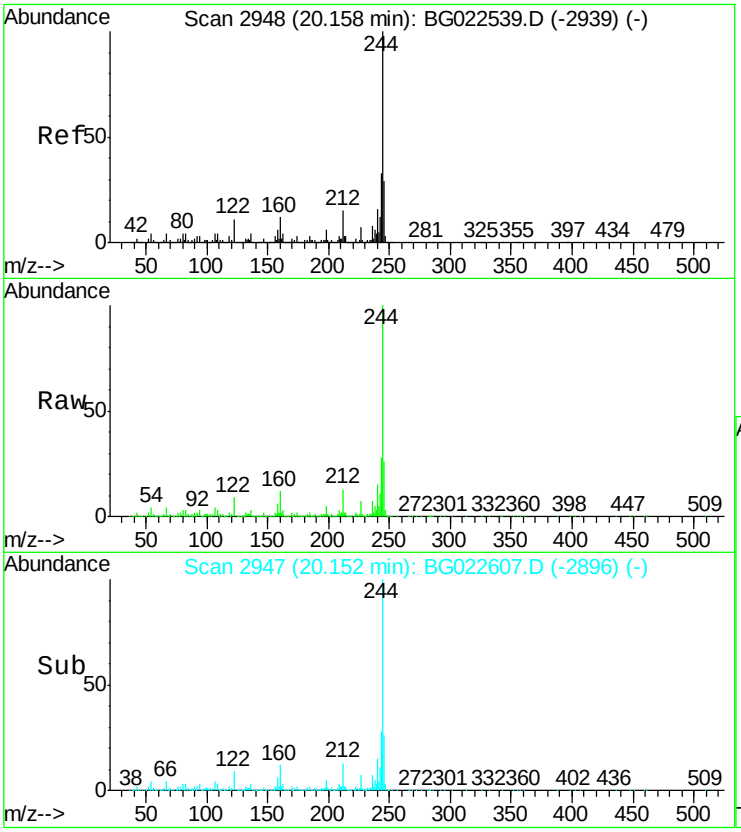


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion:240 Resp: 1038966

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.1	6.1
236	25.4	21.1	31.7



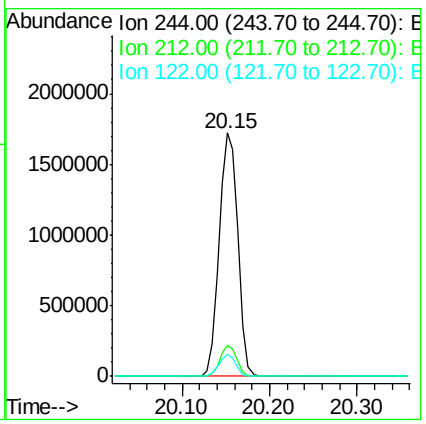


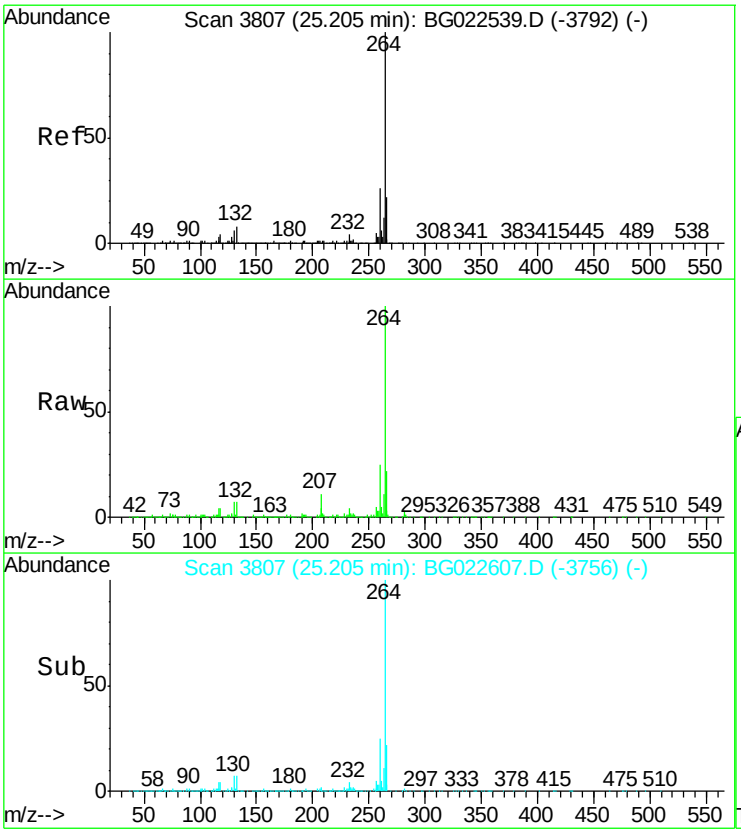
#78
Terphenyl-d14
Concen: 64.61 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampleId :
LOCATION-5F-9-11

Tgt Ion:244 Resp: 2533827

Ion	Ratio	Lower	Upper
244	100		
212	12.8	10.8	16.2
122	9.0	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion:264 Resp: 1067992

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	21.9	18.9	28.3