Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
Data File : BG022700.D
Acq On : 29 Jun 2016 19:20
Operator : UM/SJ
Sample : PB91742BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91742BL

Quant Time: Jun 30 04:26:57 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	93010	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	395719	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	322956	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1021875	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1197053	20.00	ng	0.00
86) Perylene-d12	25.18	264	1202931	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	724355	124.91	ng	0.00
7) Phenol-d6	7.30	99	1070734	131.00	ng	0.00
23) Nitrobenzene-d5	9.33	82	697548	74.61	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	671321	132.16	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1606152	78.87	ng	0.00
78) Terphenyl-d14	20.15	244	3004799	66.50	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.20	122	109	5.13	ng	# 21
76) Benzidine	19.77	184	32934	2.58	ng	# 87

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

Quantitation Report (Not Reviewed)

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Data File : BG022700.D
Acq On : 29 Jun 2016 19:20
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Misc :
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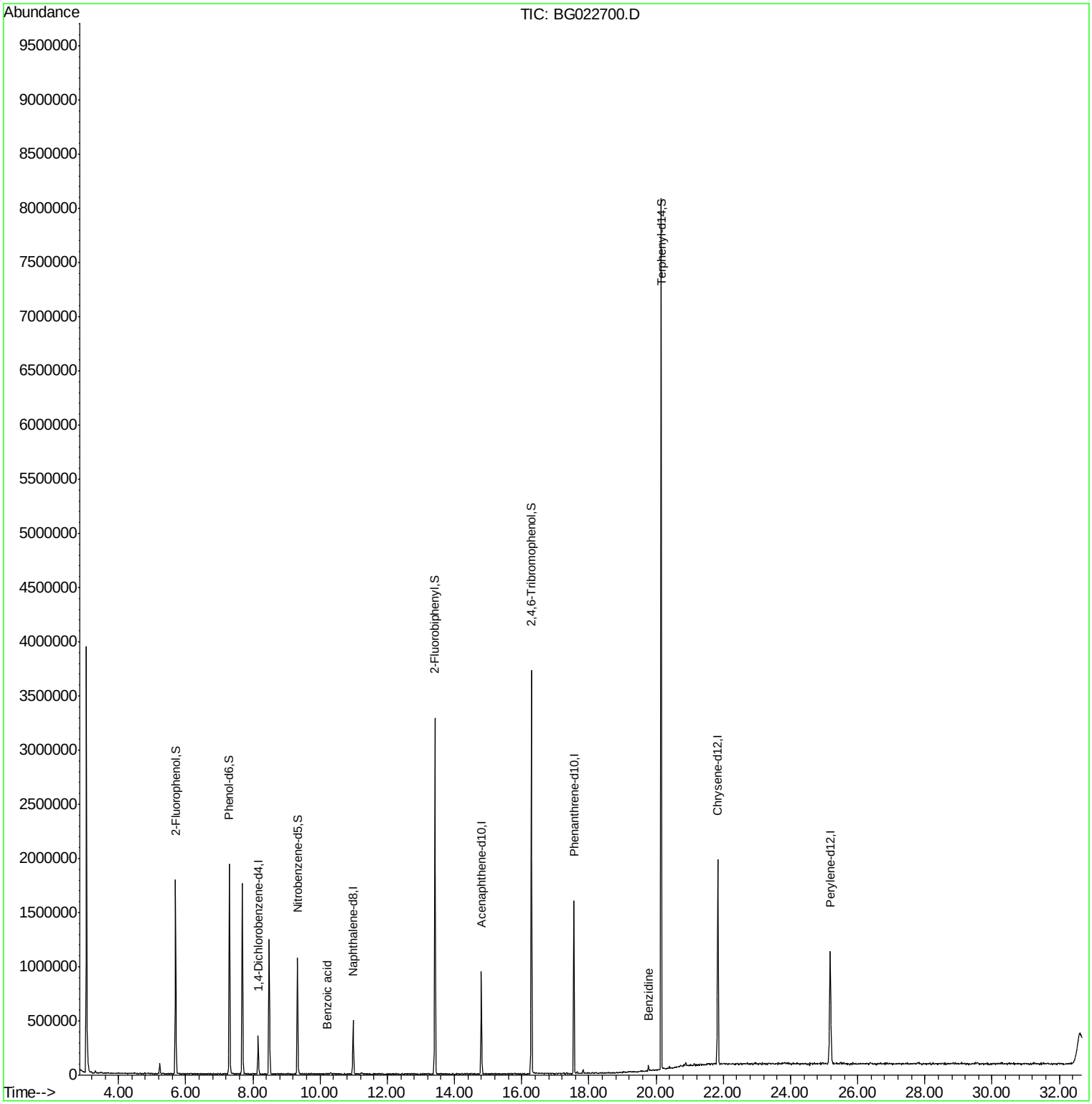
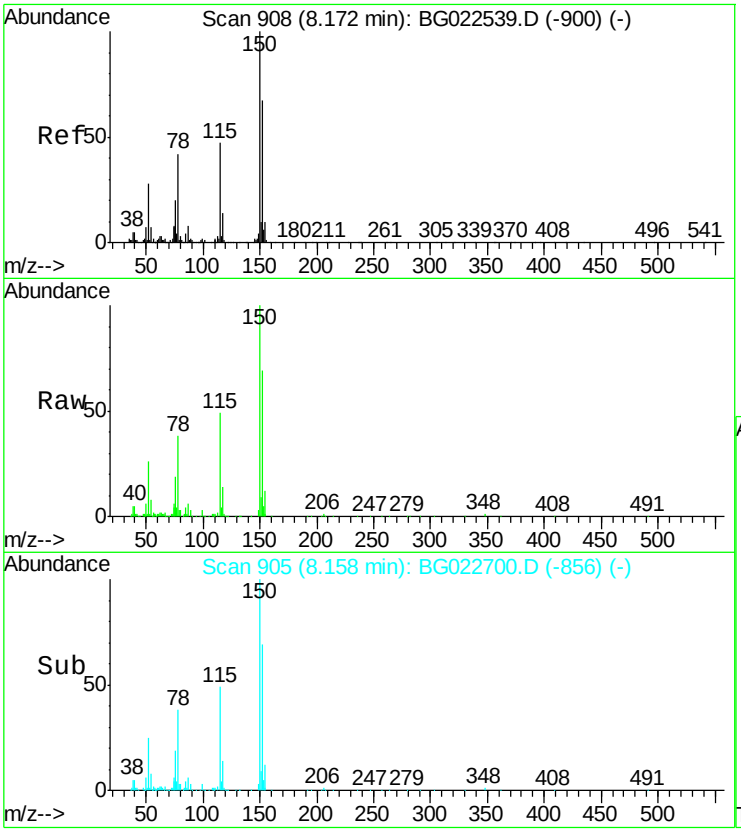


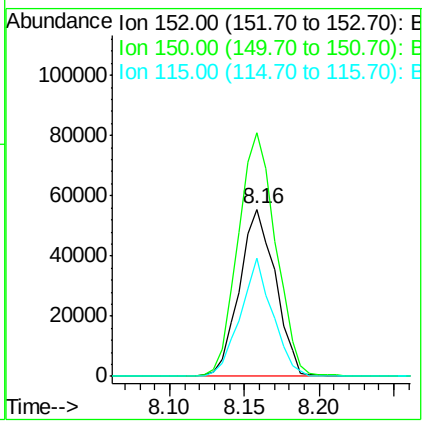


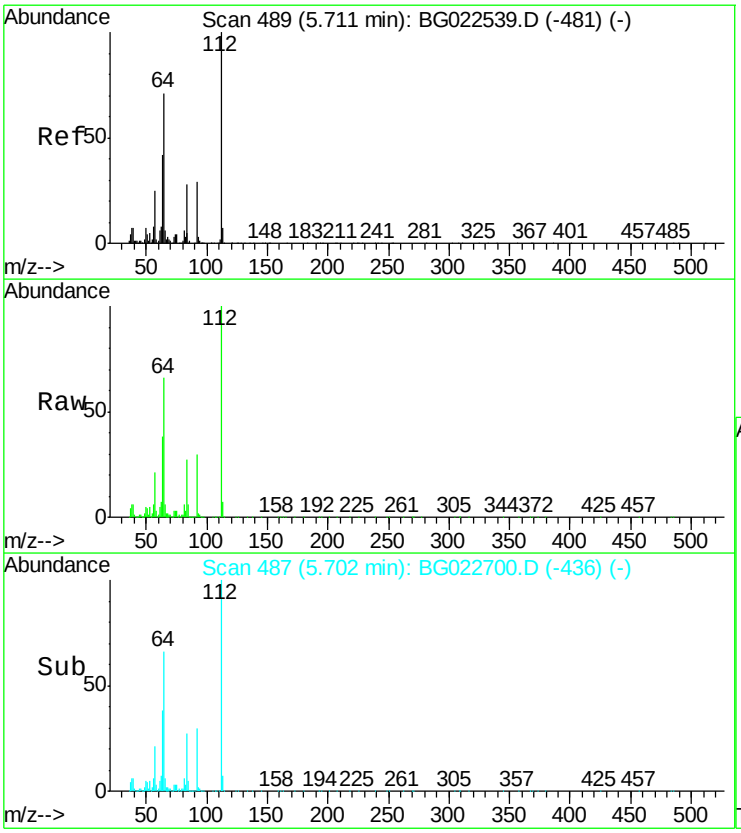
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Instrument :
BNA_G
ClientSampleId :
PB91742BL

Tgt Ion:152 Resp: 93010

Ion	Ratio	Lower	Upper
152	100		
150	145.9	144.7	217.1
115	71.2	64.0	96.0

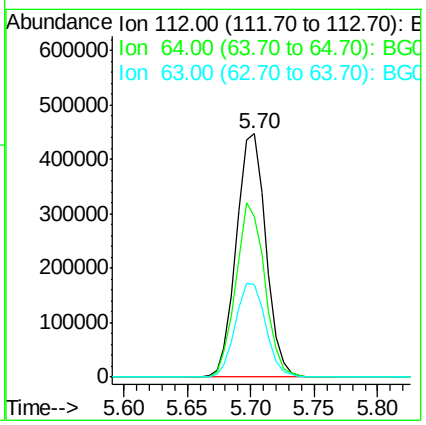


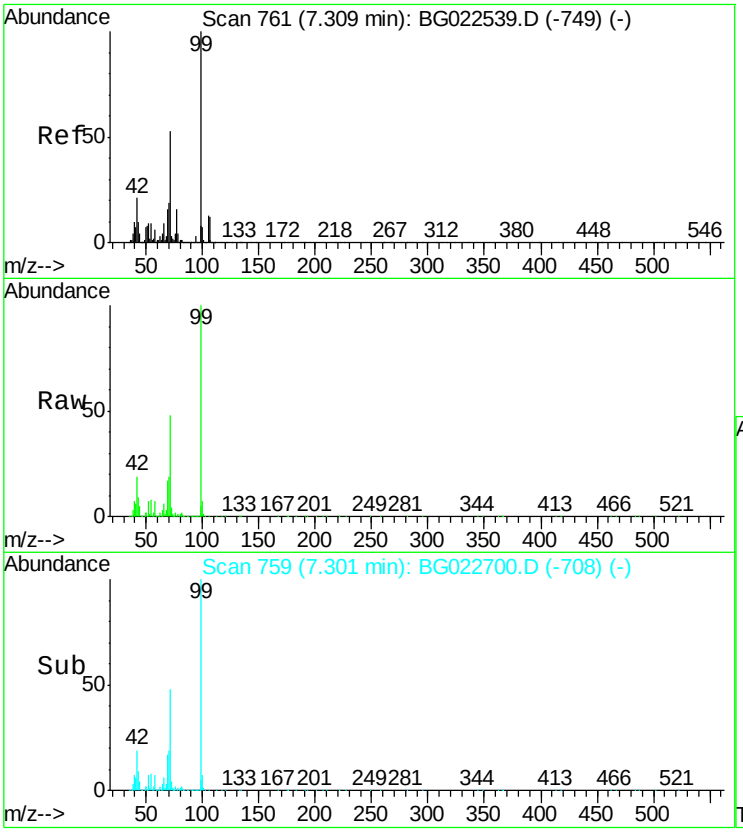


#5
2-Fluorophenol
Concen: 124.91 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Tgt Ion:112 Resp: 724355

Ion	Ratio	Lower	Upper
112	100		
64	66.1	59.0	88.4
63	38.2	37.8	56.8



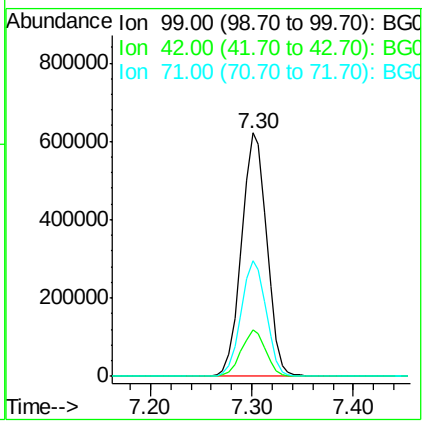


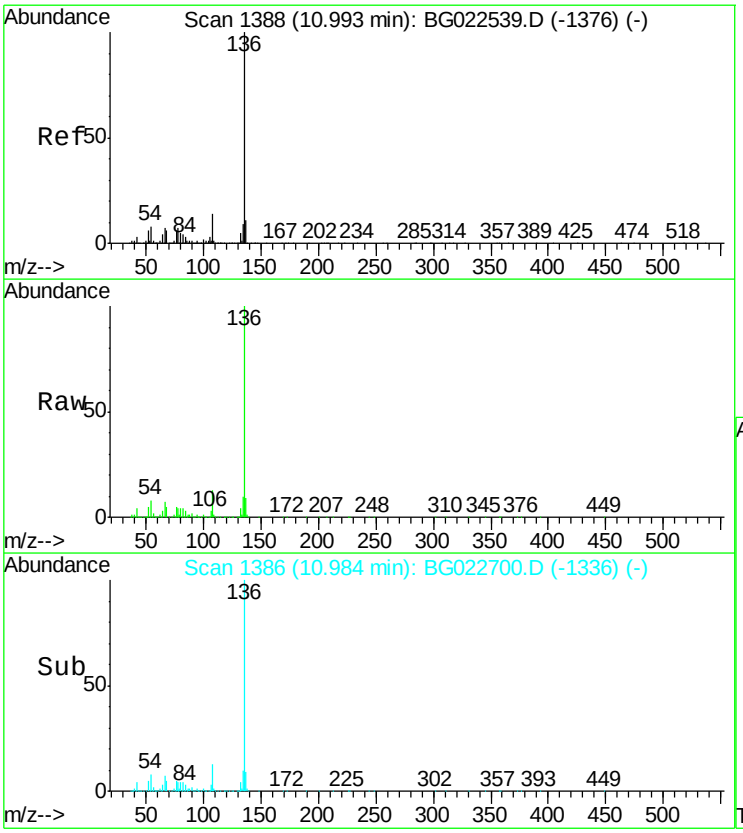
#7
Phenol-d6
Concen: 131.00 ng
RT: 7.30 min Scan# 759
Delta R.T. -0.00 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Instrument :
BNA_G
ClientSampleId :
PB91742BL

Tgt Ion: 99 Resp: 1070734

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.8	26.6
71	47.6	41.5	62.3

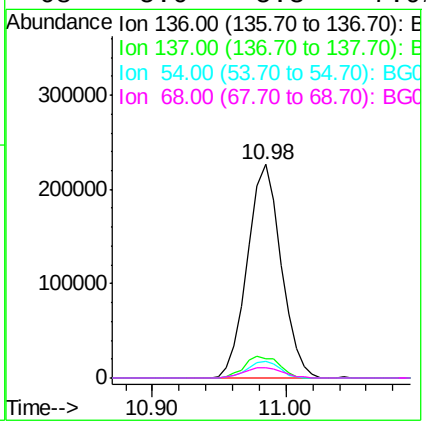


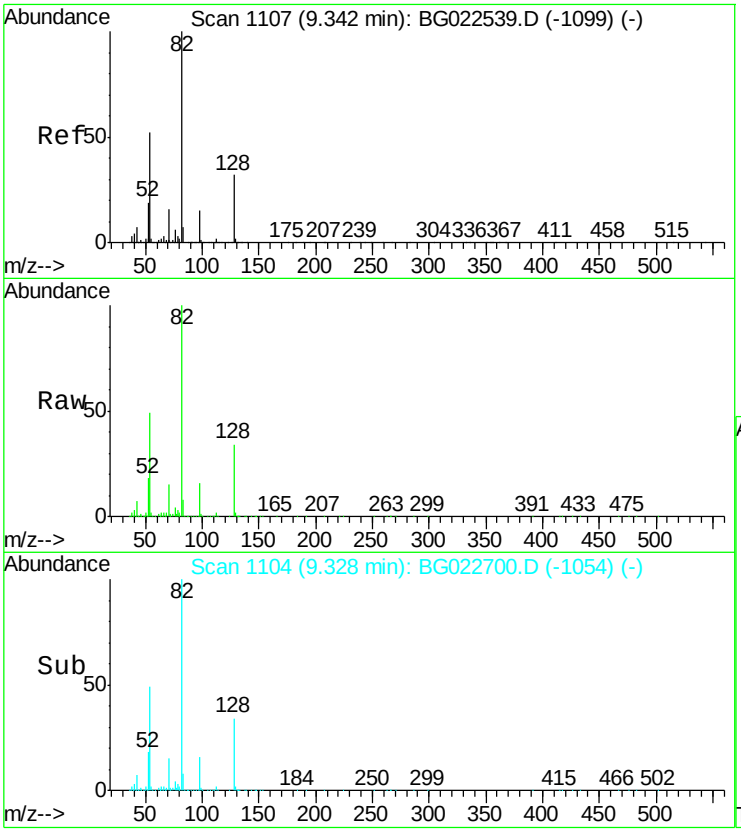


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Tgt Ion:136 Resp: 395719

Ion	Ratio	Lower	Upper
136	100		
137	9.0	9.6	14.4#
54	7.6	7.3	10.9
68	5.0	5.3	7.9#



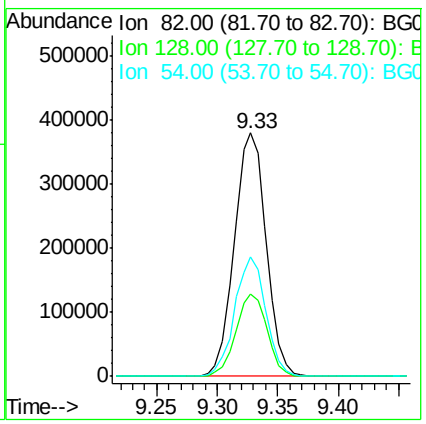


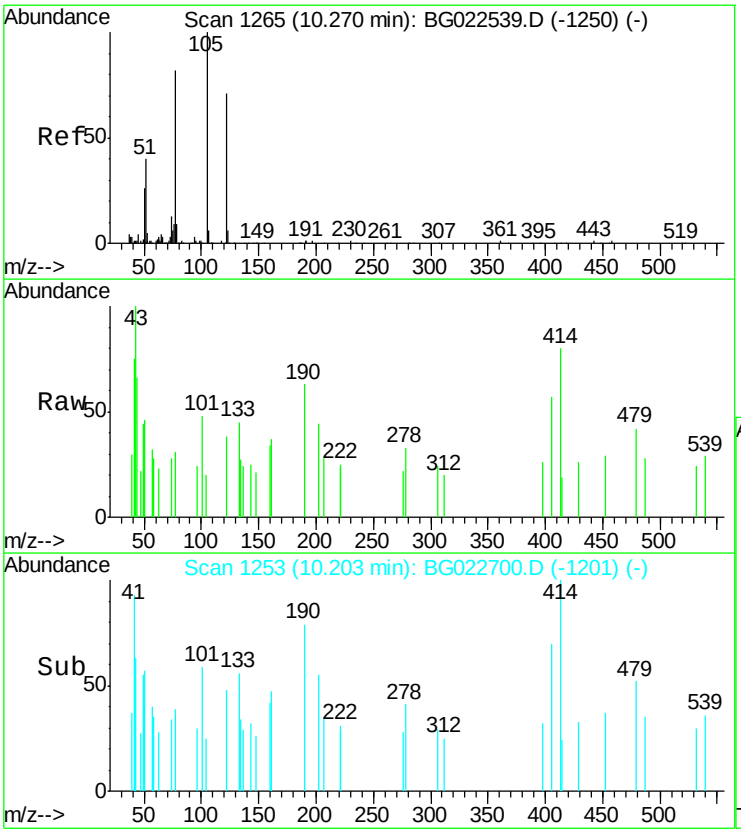
#23
Nitrobenzene-d5
Concen: 74.61 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Instrument :
BNA_G
ClientSampleId :
PB91742BL

Tgt Ion: 82 Resp: 697548

Ion	Ratio	Lower	Upper
82	100		
128	33.7	24.4	36.6
54	49.0	41.4	62.0

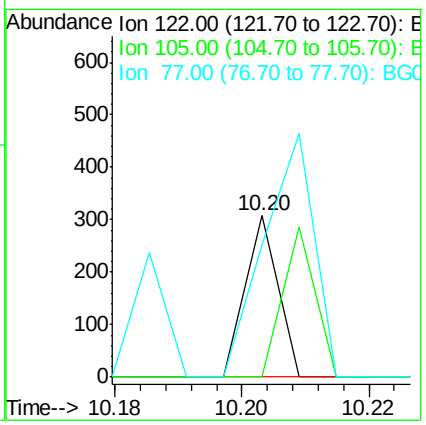


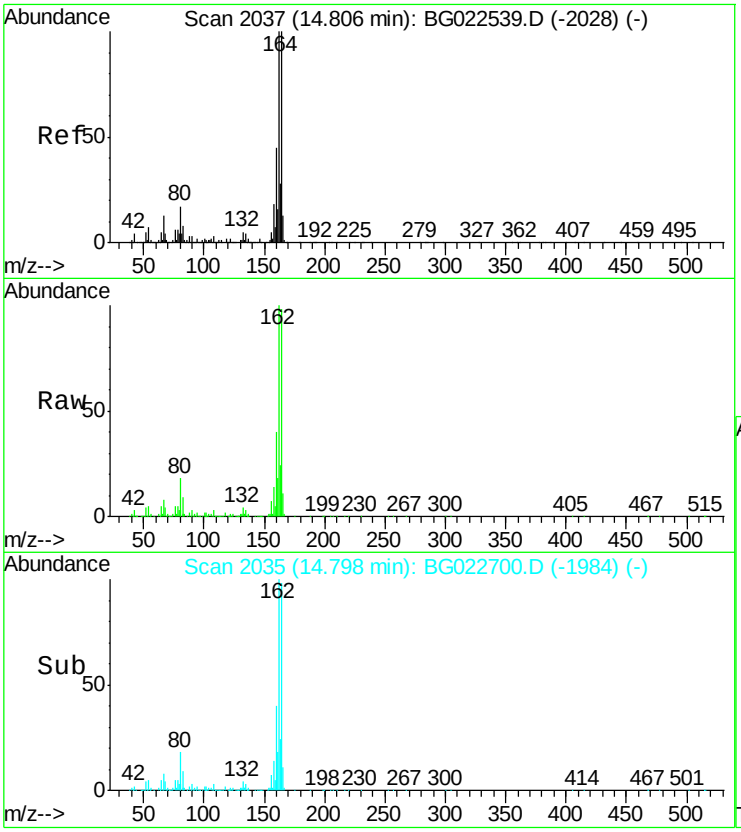


#32
Benzoic acid
Concen: 5.13 ng
RT: 10.20 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	81.5	109.2	149.2#



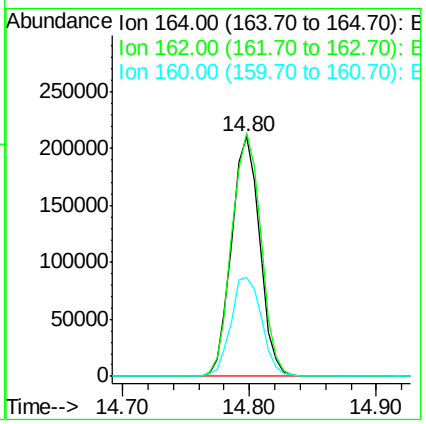


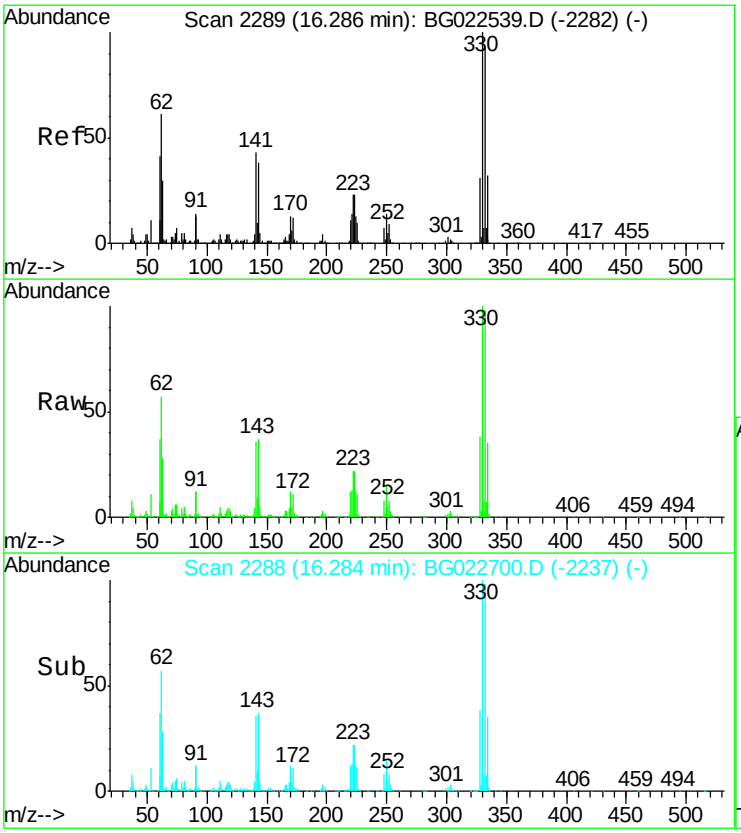
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Instrument :
BNA_G
ClientSampleId :
PB91742BL

Tgt Ion:164 Resp: 322956

Ion	Ratio	Lower	Upper
164	100		
162	101.7	87.7	131.5
160	41.2	37.2	55.8

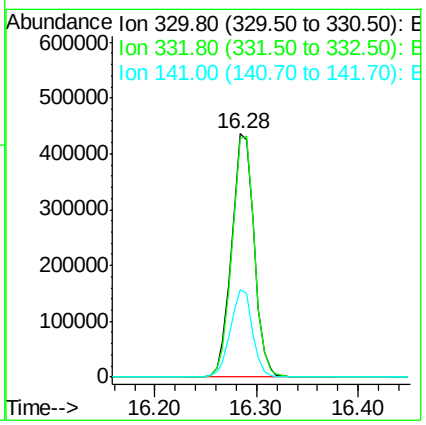


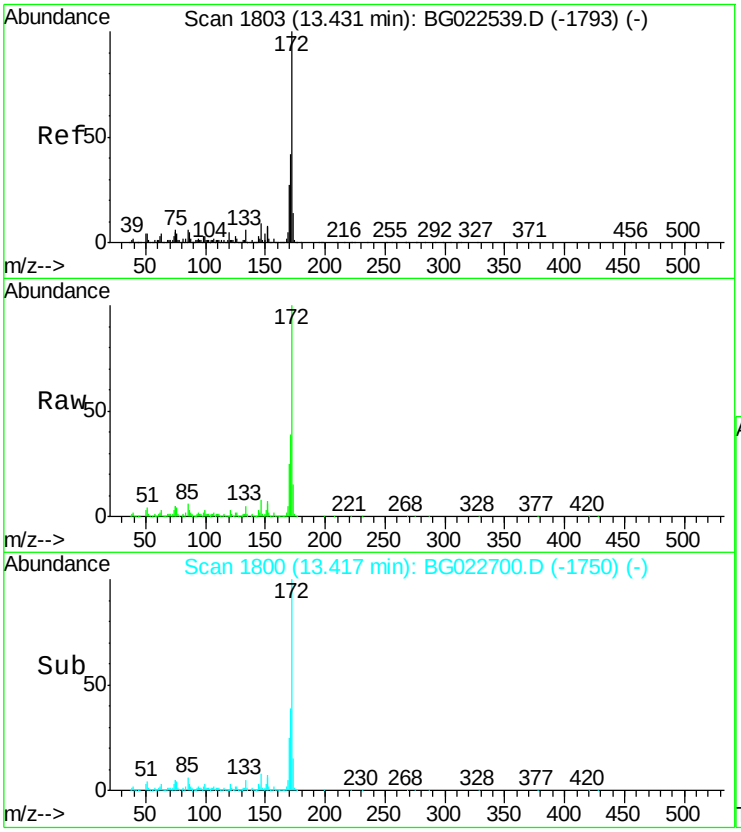


#41
2,4,6-Tribromophenol
Concen: 132.16 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Tgt Ion:330 Resp: 671321

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.2
141	35.2	31.7	47.5



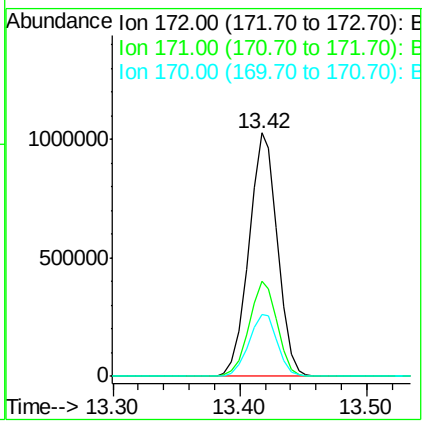


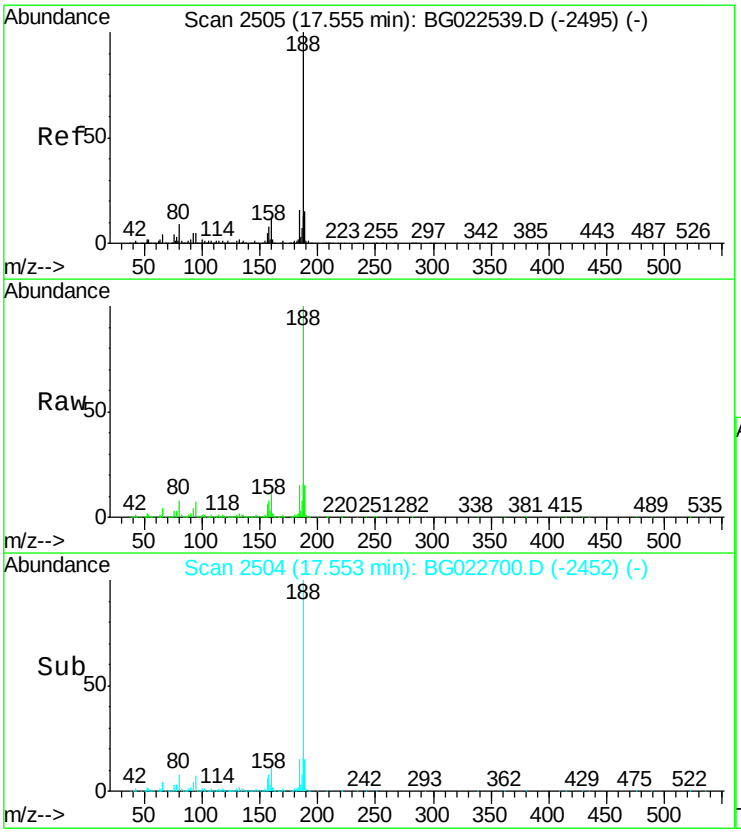
#44
2-Fluorobiphenyl
Concen: 78.87 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Instrument :
BNA_G
ClientSampleId :
PB91742BL

Tgt Ion:172 Resp: 1606152

Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	25.4	21.3	31.9

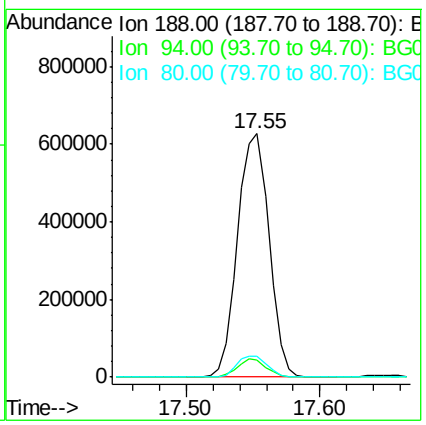


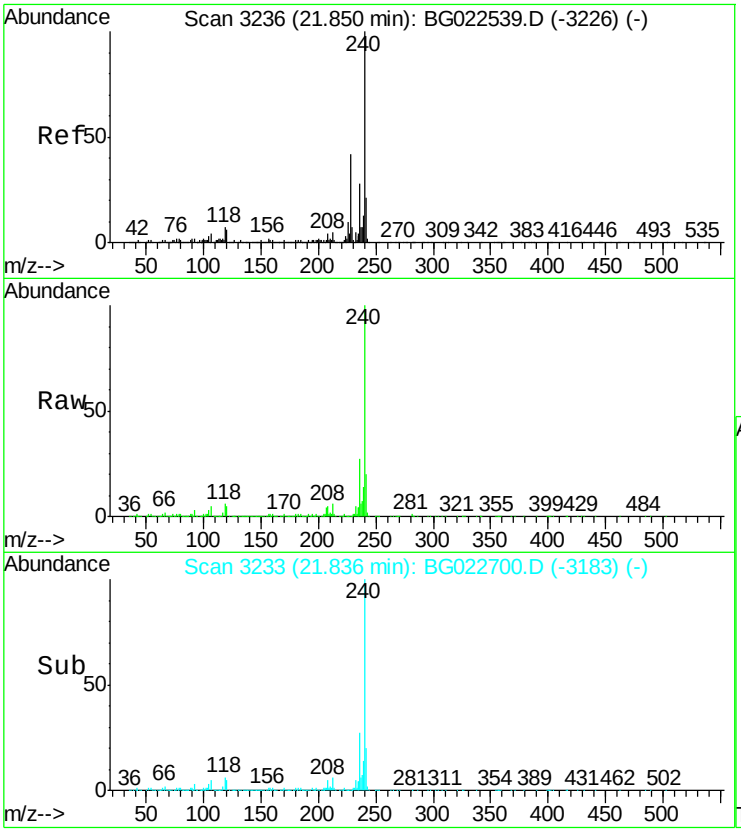


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Tgt Ion:188 Resp: 1021875

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.2	7.8
80	8.4	7.2	10.8



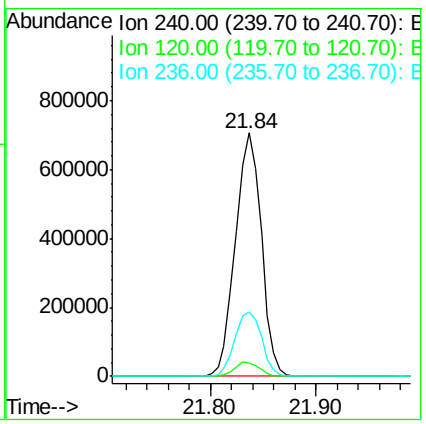


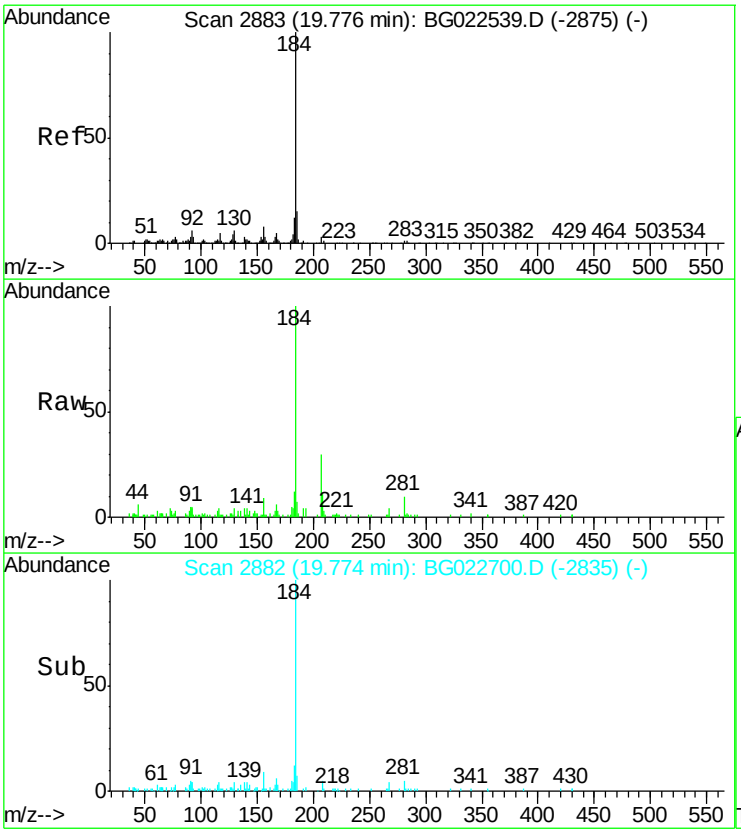
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Instrument :
BNA_G
ClientSampleId :
PB91742BL

Tgt Ion:240 Resp: 1197053

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.1	6.1
236	26.7	21.1	31.7

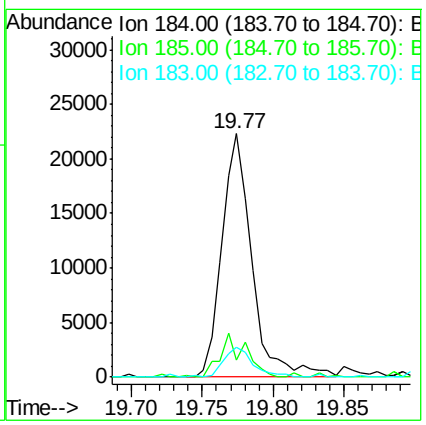


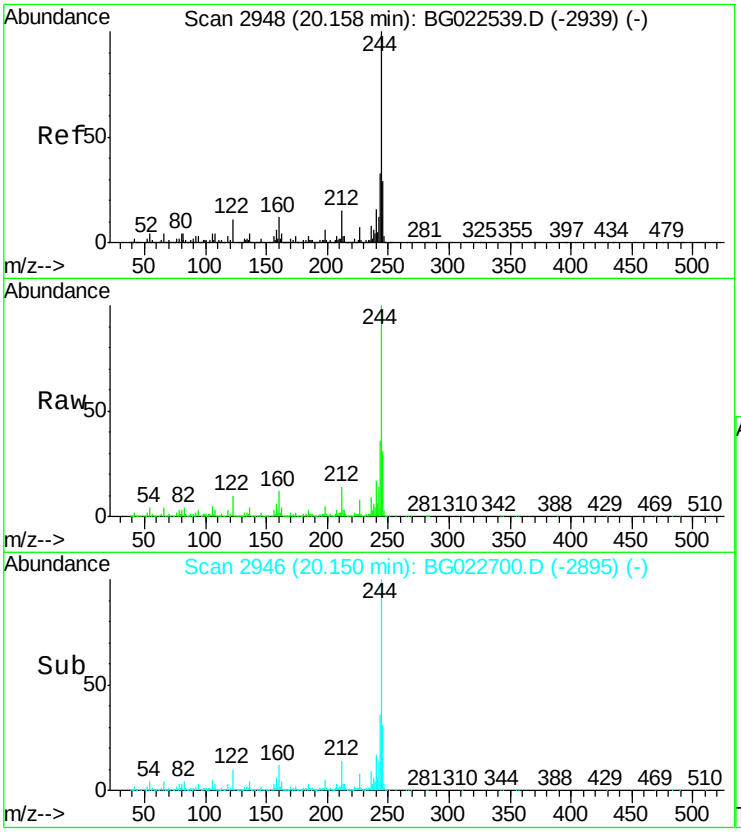


#76
Benzidine
Concen: 2.58 ng
RT: 19.77 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Tgt Ion:184 Resp: 32934

Ion	Ratio	Lower	Upper
184	100		
185	7.0	12.6	19.0#
183	12.0	10.7	16.1



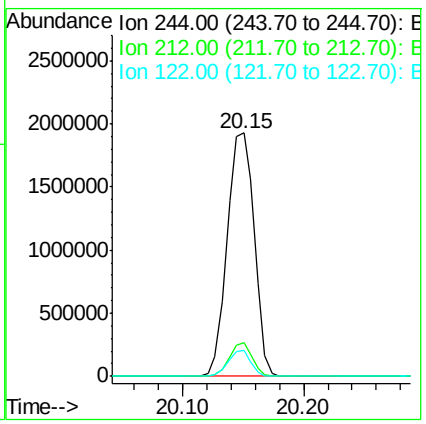


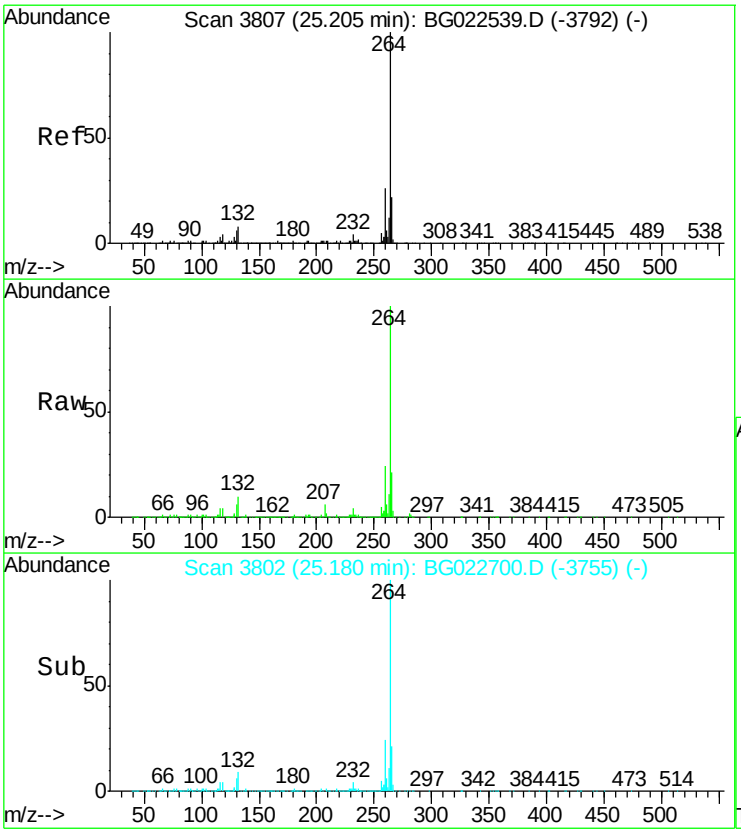
#78
Terphenyl-d14
Concen: 66.50 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Instrument :
BNA_G
ClientSampleId :
PB91742BL

Tgt Ion:244 Resp: 3004799

Ion	Ratio	Lower	Upper
244	100		
212	13.8	10.8	16.2
122	10.4	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.18 min Scan# 3802
Delta R.T. -0.03 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Tgt Ion:264 Resp: 1202931

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	20.8	18.9	28.3