Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082416\
Data File : BG023882.D
Acq On : 24 Aug 2016 10:53
Operator : UM/SJ
Sample : PB93011BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93011BL

Quant Time: Aug 24 17:37:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	171612	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	682734	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	419037	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	933833	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1024442	20.00	ng	-0.02
86) Perylene-d12	25.23	264	994911	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	861514	84.50	ng	0.00
7) Phenol-d6	7.27	99	1188895	74.87	ng	0.00
23) Nitrobenzene-d5	9.28	82	804594	58.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	410386	66.96	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1516523	61.04	ng	-0.01
78) Terphenyl-d14	20.14	244	2017111	54.82	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.27	77	2954	Below Cal	#	8
32) Benzoic acid	10.30	122	286	6.47	ng	# 6
73) Di-n-butylphthalate	18.49	149	477	Below Cal	#	62
74) Fluoranthene	19.59	202	60	Below Cal	#	60
77) Pyrene	20.14	202	9279	Below Cal	#	62

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082416\
Data File : BG023882.D
Acq On : 24 Aug 2016 10:53
Operator : UM/SJ
Sample : PB93011BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB93011BL

Quant Time: Aug 24 17:37:40 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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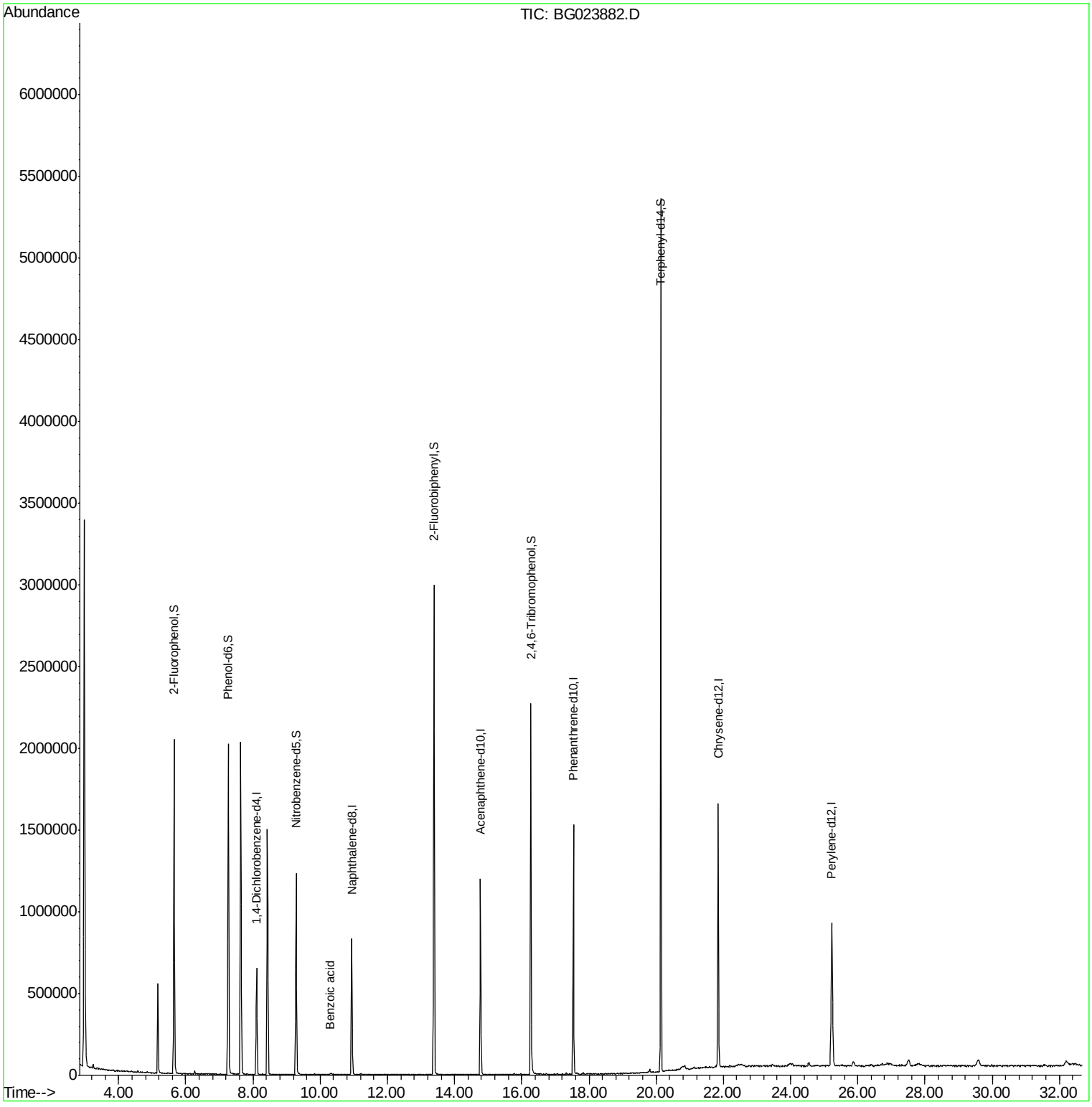
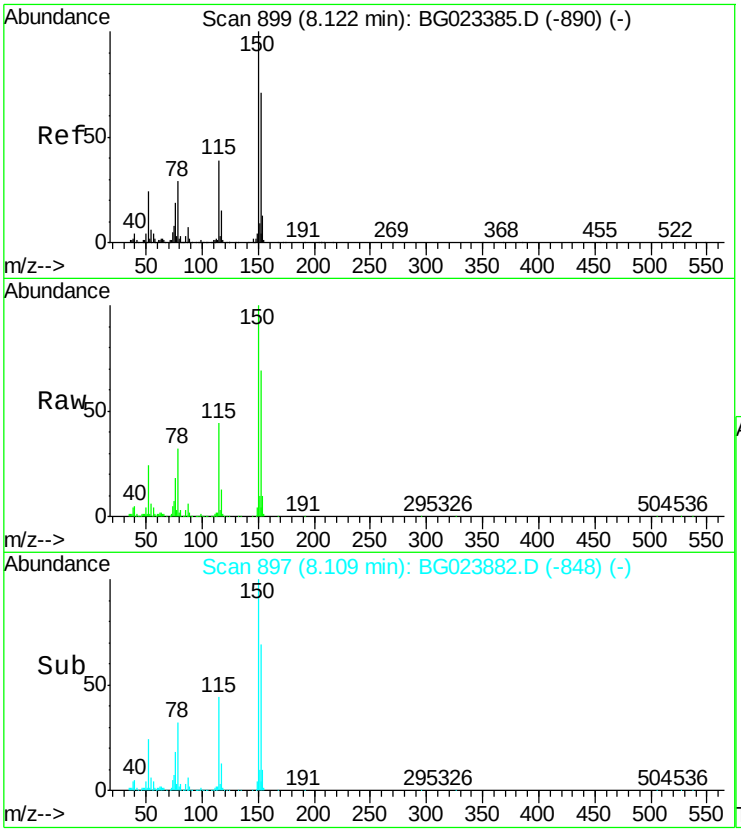


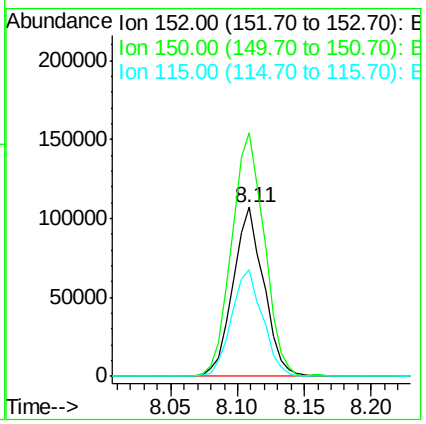


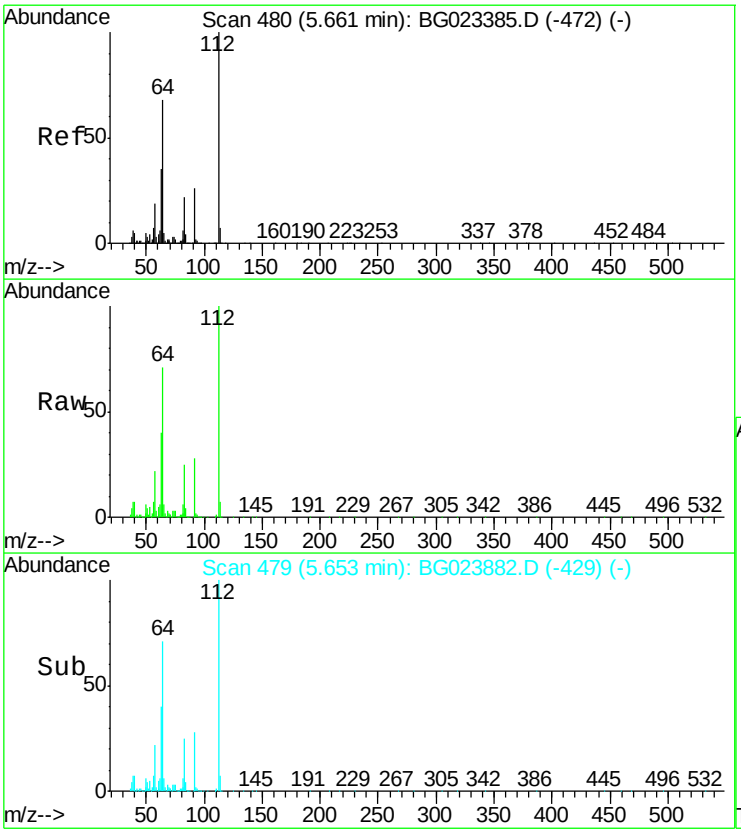
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Instrument :
BNA_G
ClientSampleId :
PB93011BL

Tgt Ion:152 Resp: 171612

Ion	Ratio	Lower	Upper
152	100		
150	144.2	144.7	217.1#
115	62.8	64.0	96.0#

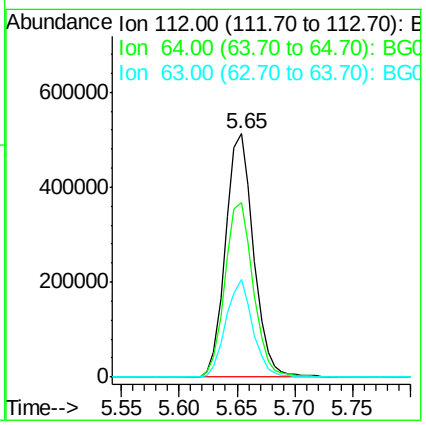


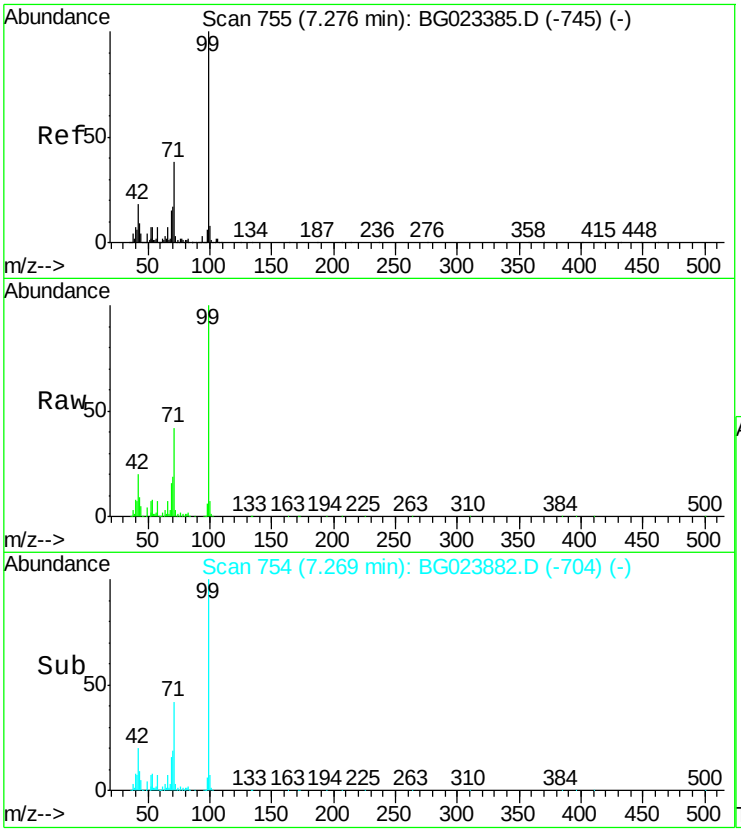


#5
2-Fluorophenol
Concen: 84.50 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Tgt Ion:112 Resp: 861514

Ion	Ratio	Lower	Upper
112	100		
64	71.4	59.0	88.4
63	40.0	37.8	56.8



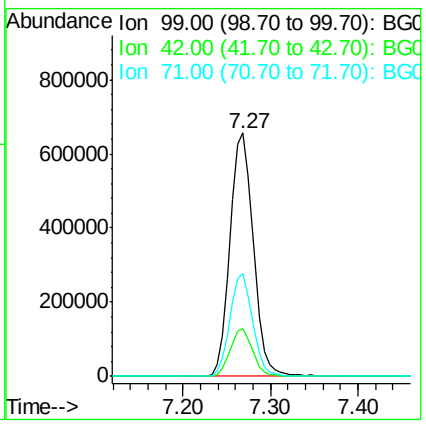


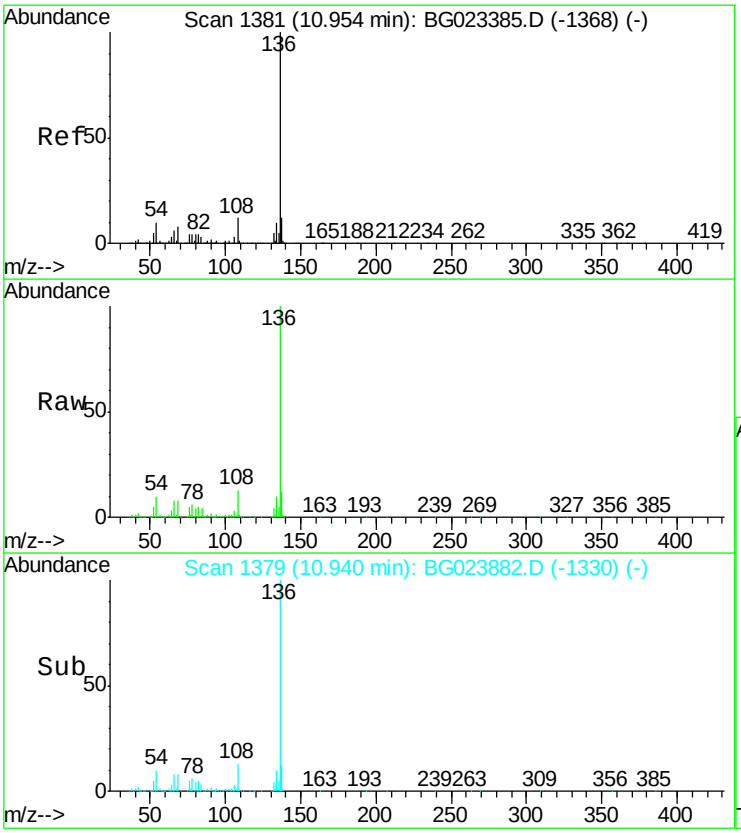
#7
Phenol-d6
Concen: 74.87 ng
RT: 7.27 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Instrument :
BNA_G
ClientSampleId :
PB93011BL

Tgt Ion: 99 Resp: 1188895

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.6
71	42.3	41.5	62.3

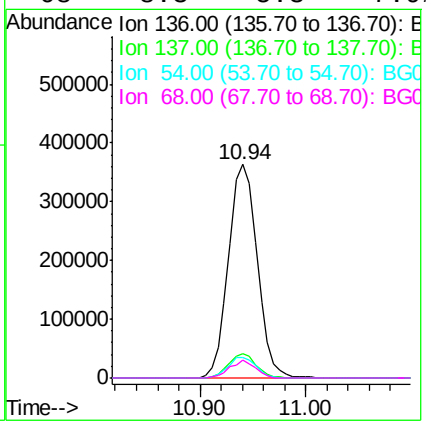


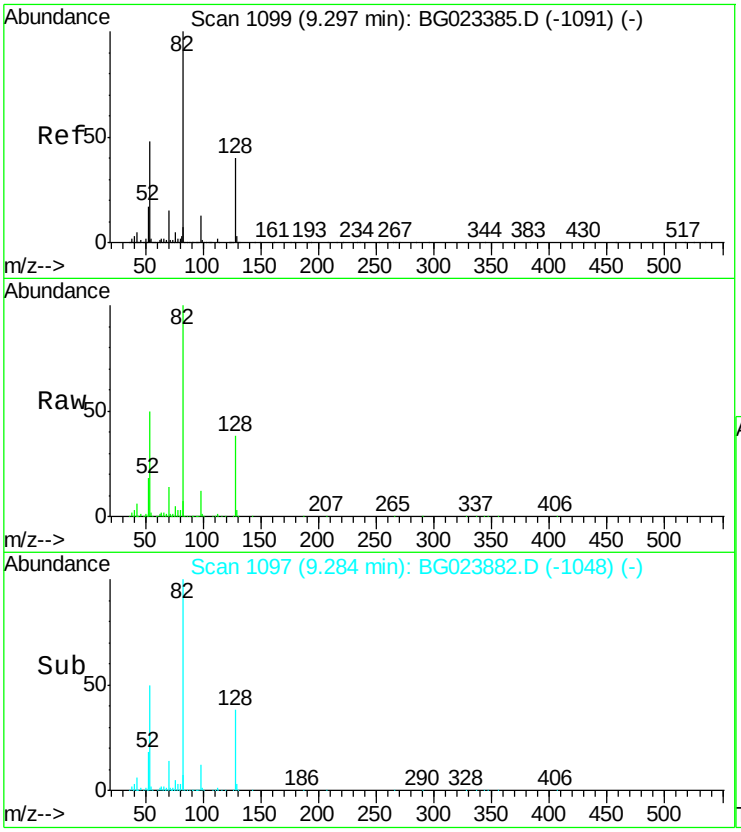


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Tgt Ion:136 Resp: 682734

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.9	7.3	10.9
68	8.3	5.3	7.9#



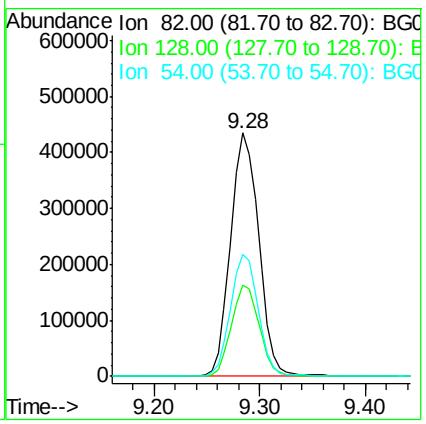


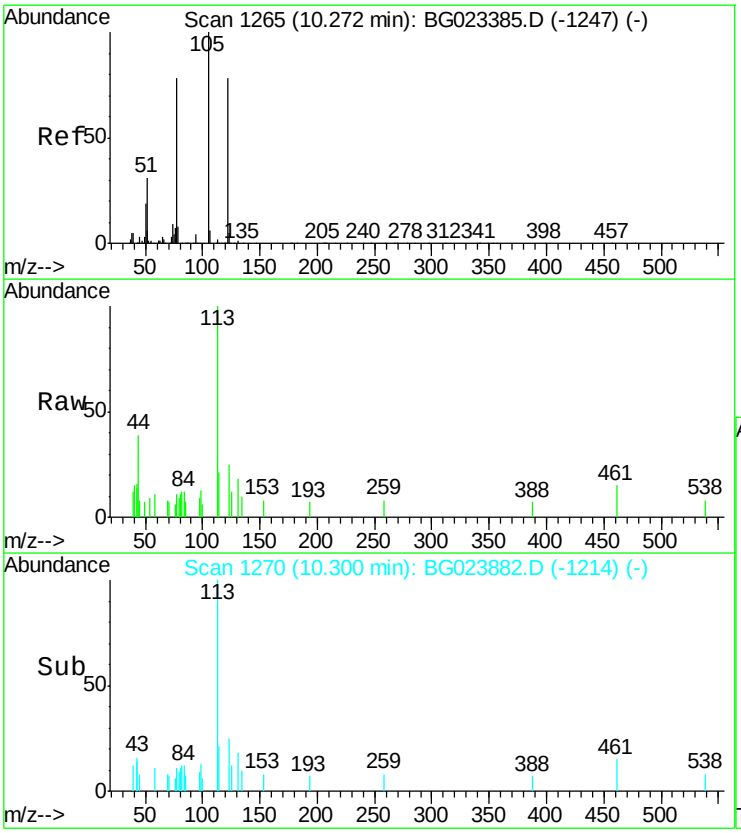
#23
Nitrobenzene-d5
Concen: 58.59 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Instrument :
BNA_G
ClientSampleId :
PB93011BL

Tgt Ion: 82 Resp: 804594

Ion	Ratio	Lower	Upper
82	100		
128	37.6	24.4	36.6#
54	50.2	41.4	62.0

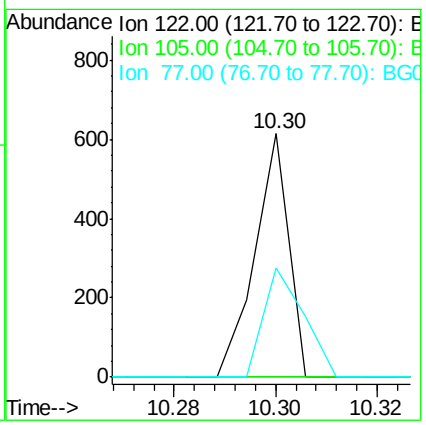


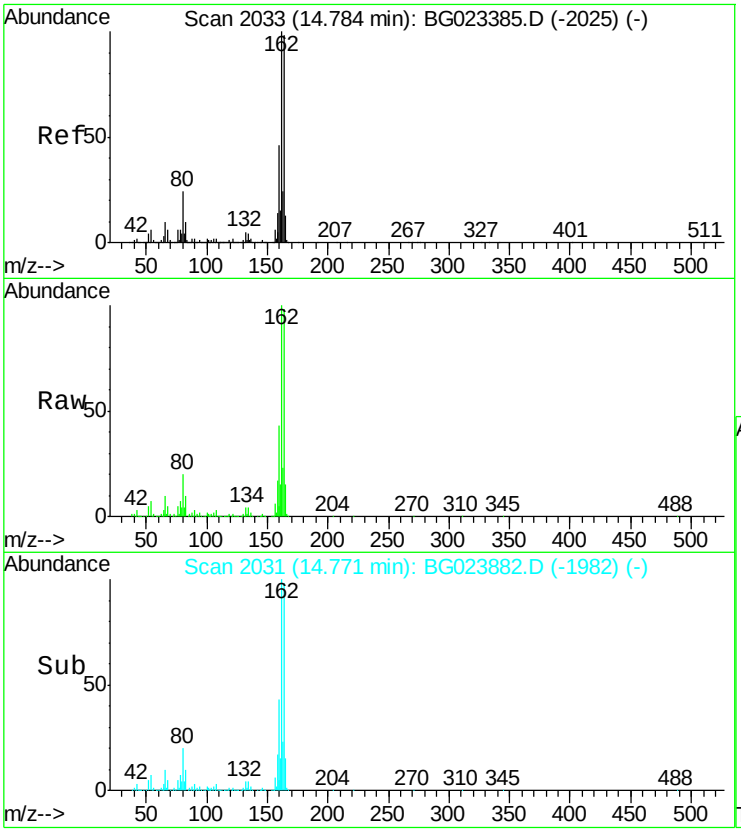


#32
Benzoic acid
Concen: 6.47 ng
RT: 10.30 min Scan# 1270
Delta R.T. 0.03 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Tgt Ion:122 Resp: 286

Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	44.8	109.2	149.2#



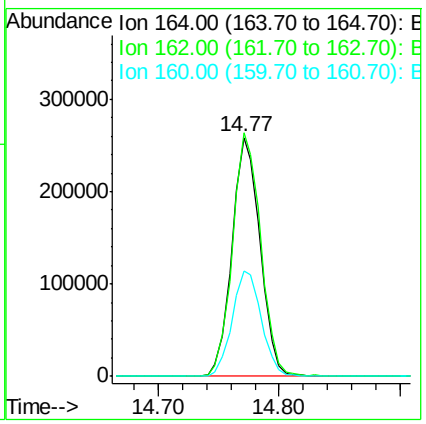


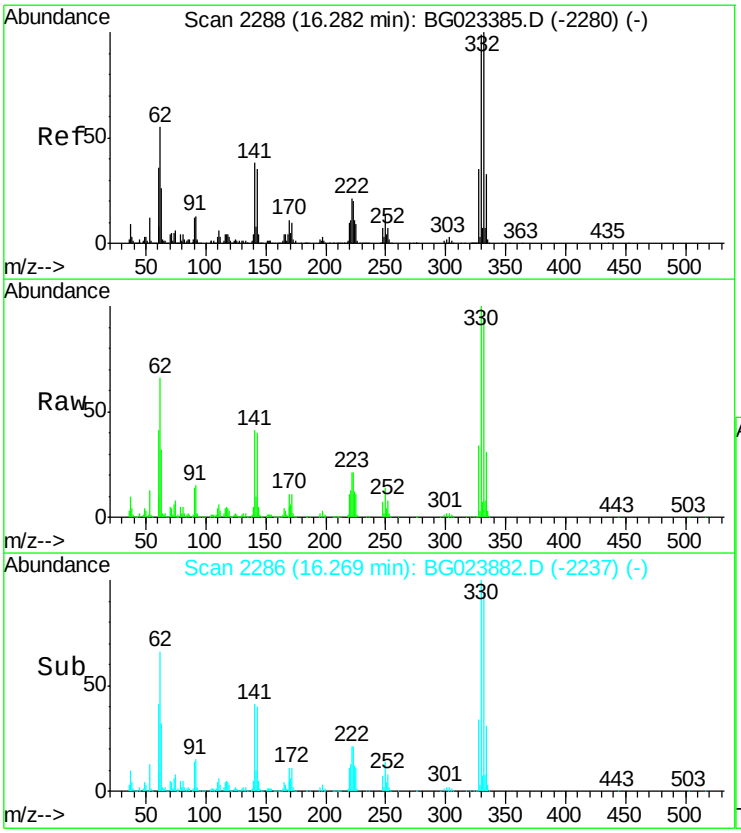
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Instrument :
BNA_G
ClientSampleId :
PB93011BL

Tgt Ion:164 Resp: 419037

Ion	Ratio	Lower	Upper
164	100		
162	102.1	87.7	131.5
160	44.2	37.2	55.8

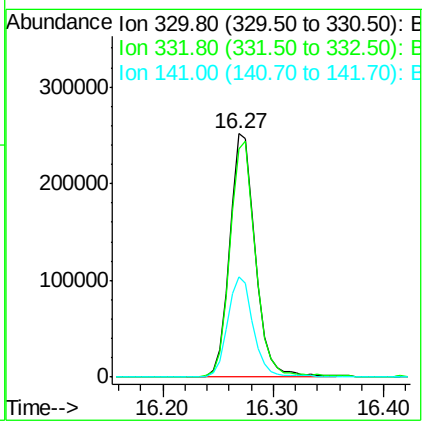


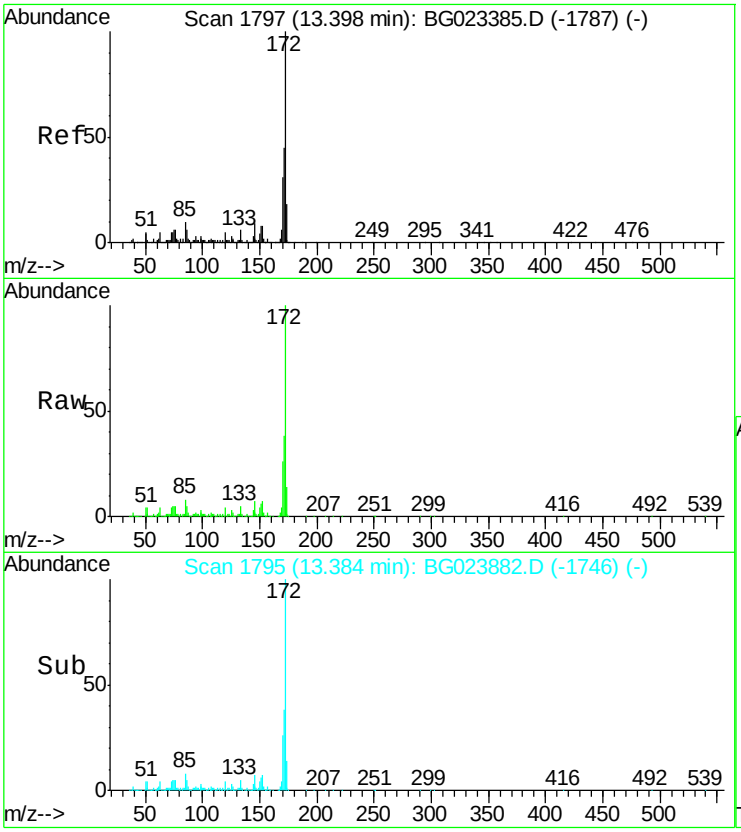


#41
2,4,6-Tribromophenol
Concen: 66.96 ng
RT: 16.27 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Tgt Ion:330 Resp: 410386

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	41.3	31.7	47.5



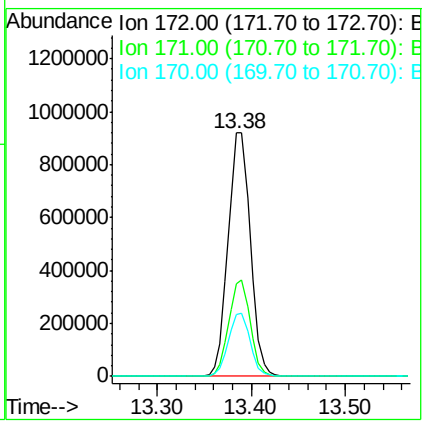


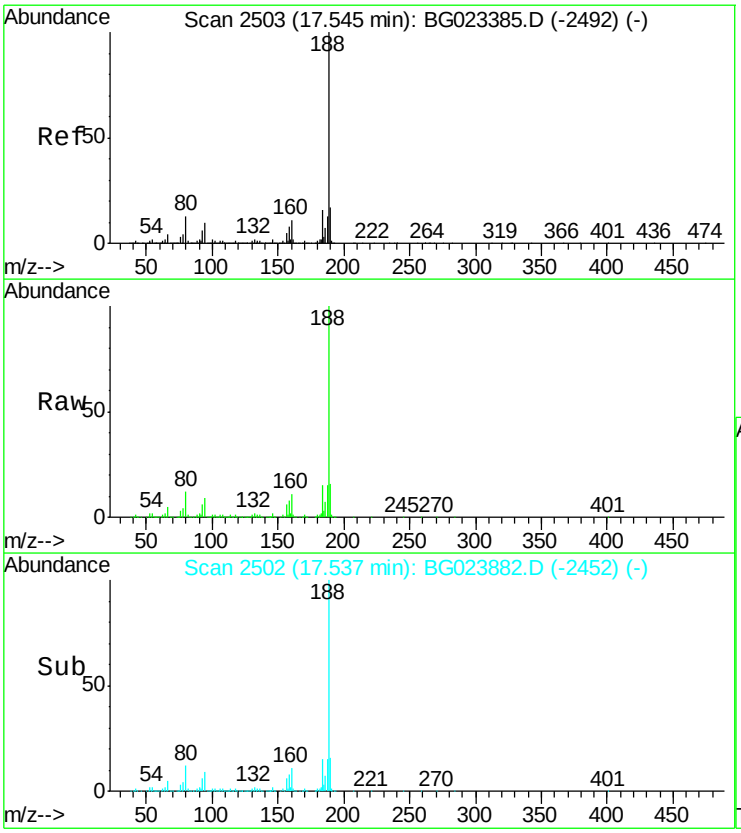
#44
2-Fluorobiphenyl
Concen: 61.04 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Instrument : BNA_G
ClientSampleId : PB93011BL

Tgt Ion:172 Resp: 1516523

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.6	47.4
170	25.6	21.3	31.9

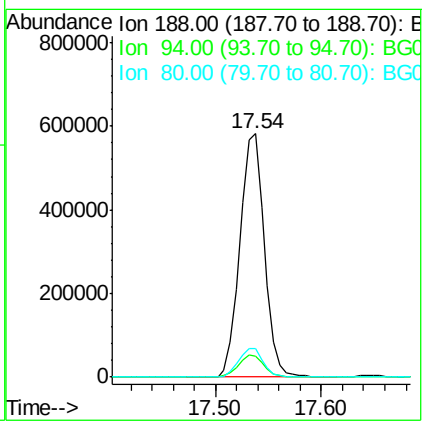


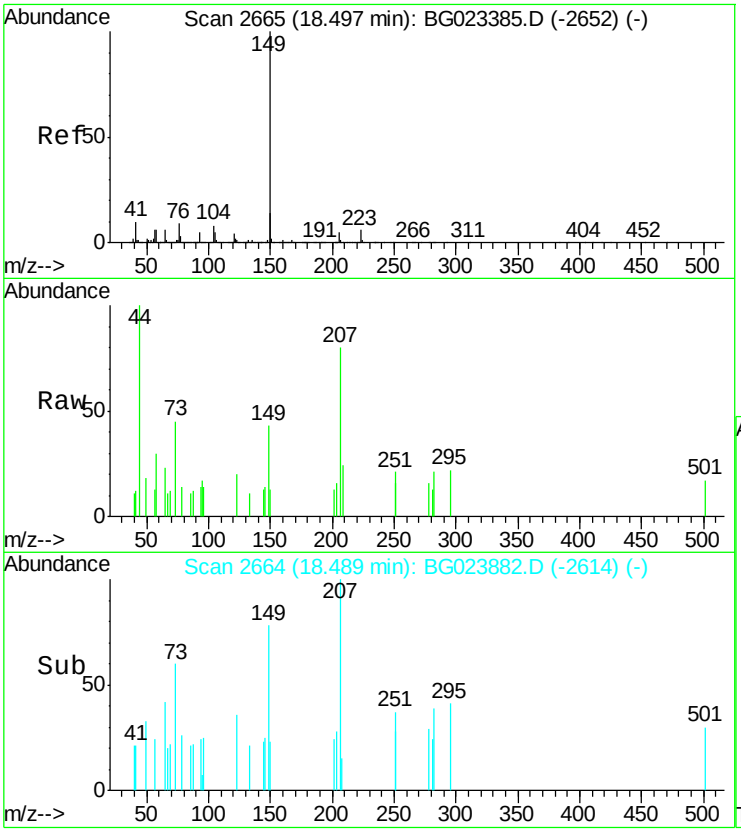


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Tgt Ion:188 Resp: 933833

Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.2	7.8#
80	11.5	7.2	10.8#



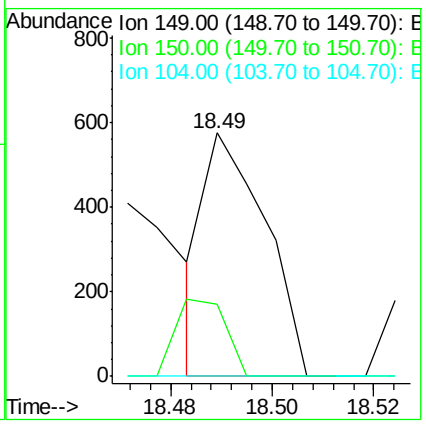


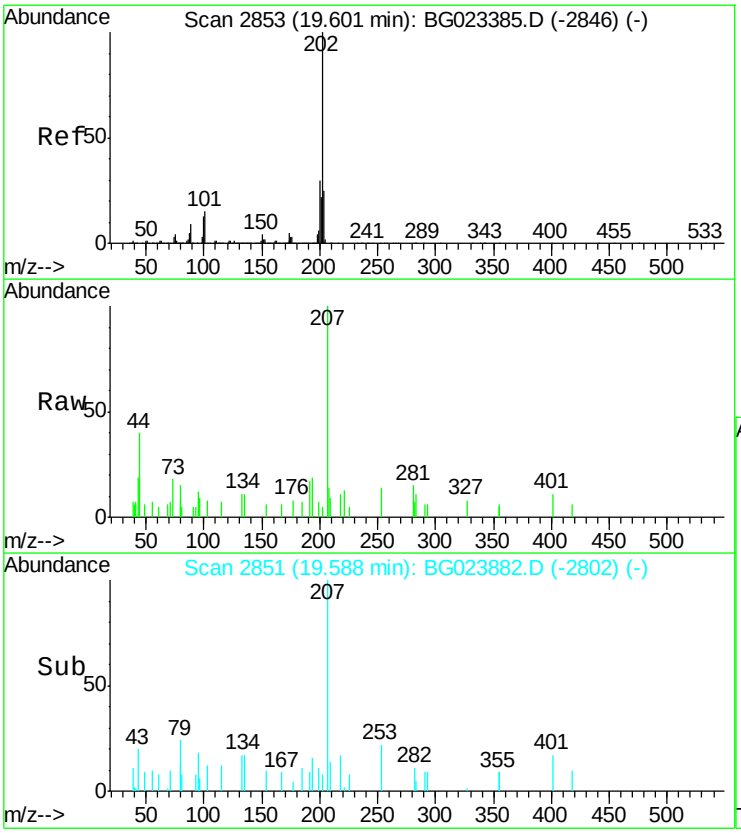
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.49 min Scan# 2664
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Instrument :
BNA_G
ClientSampleId :
PB93011BL

Tgt Ion:149 Resp: 477

Ion	Ratio	Lower	Upper
149	100		
150	29.9	9.1	13.7#
104	0.0	6.9	10.3#

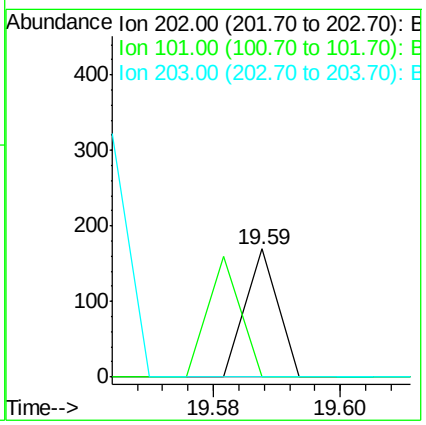


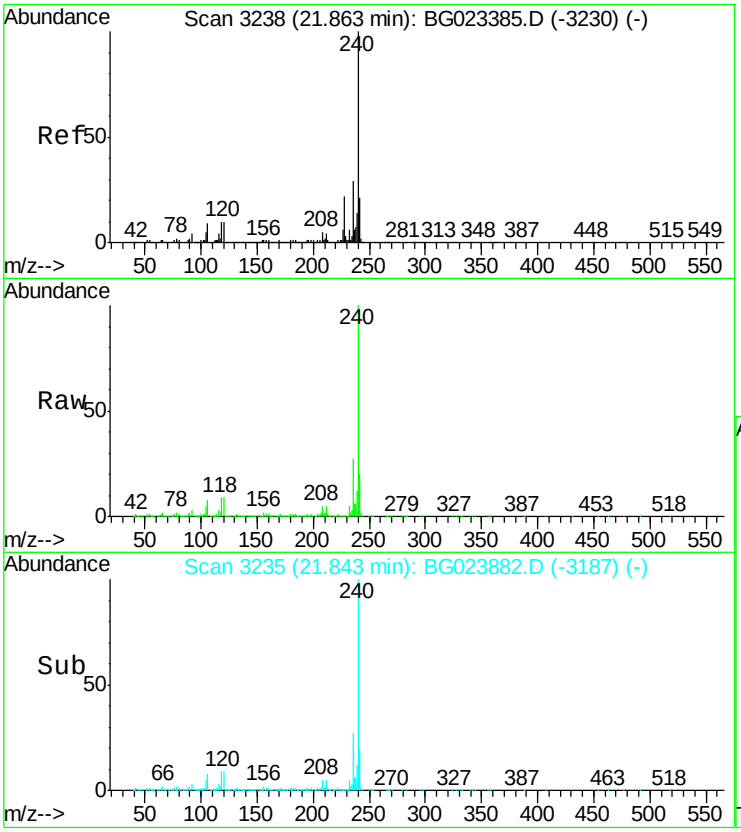


#74
Fluoranthene
Concen: Below Cal
RT: 19.59 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Tgt Ion:202 Resp: 60

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	0.0	1.7	41.7#



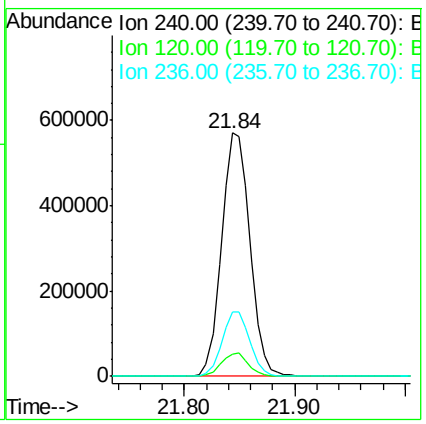


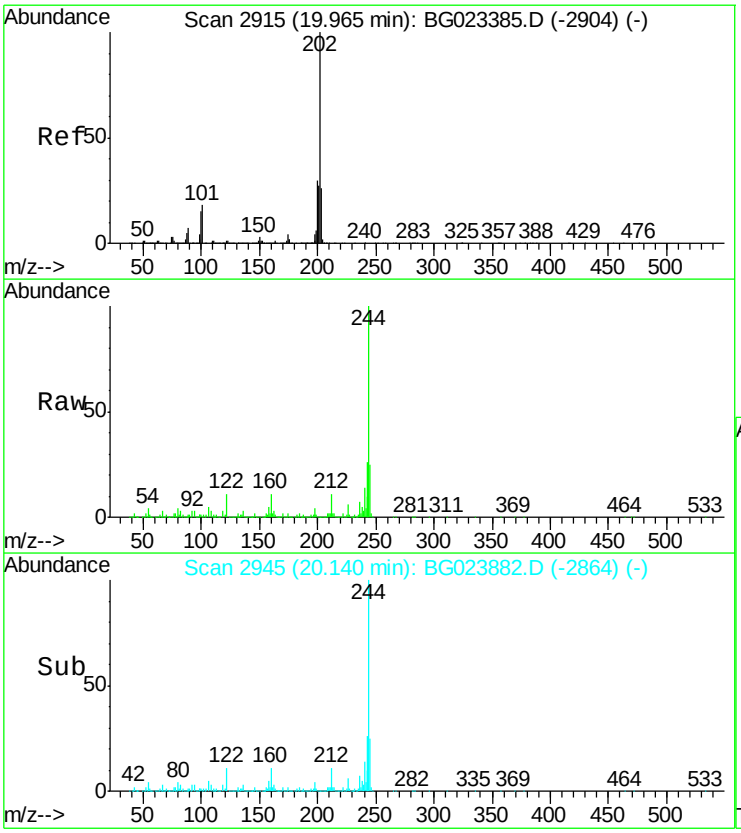
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Instrument :
BNA_G
ClientSampleId :
PB93011BL

Tgt Ion:240 Resp: 1024442

Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.1	6.1#
236	26.7	21.1	31.7

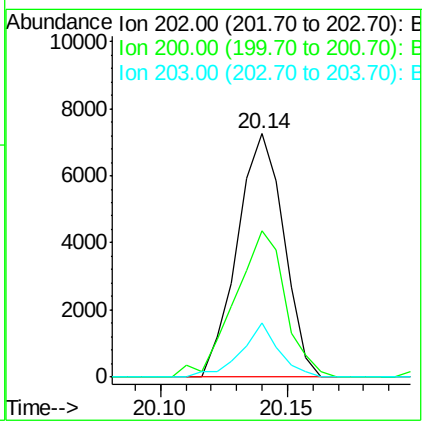


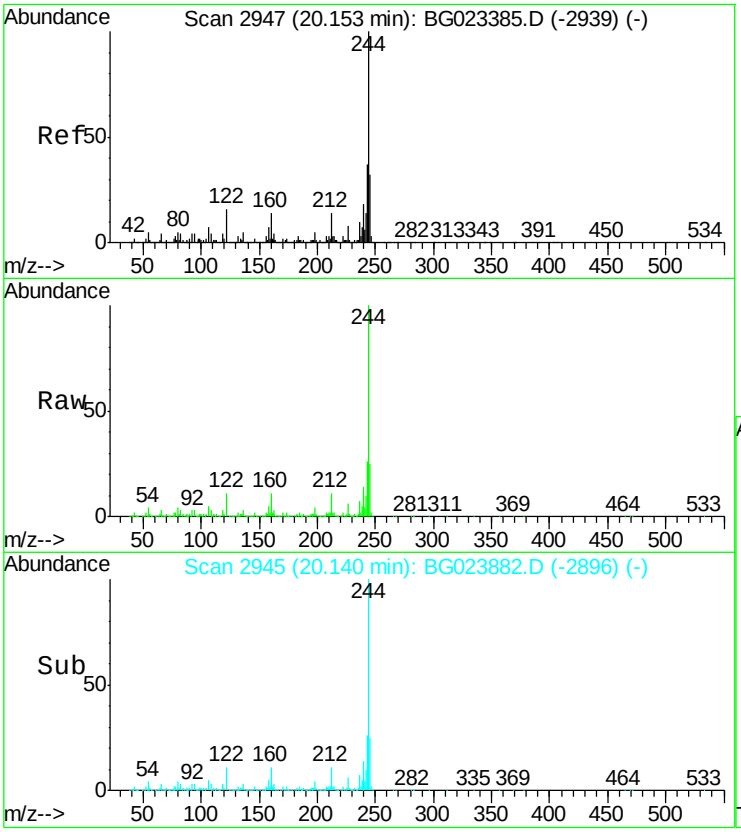


#77
Pyrene
Concen: Below Cal
RT: 20.14 min Scan# 2945
Delta R.T. 0.17 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Tgt Ion:202 Resp: 9279

Ion	Ratio	Lower	Upper
202	100		
200	60.3	21.2	31.8#
203	22.4	16.8	25.2



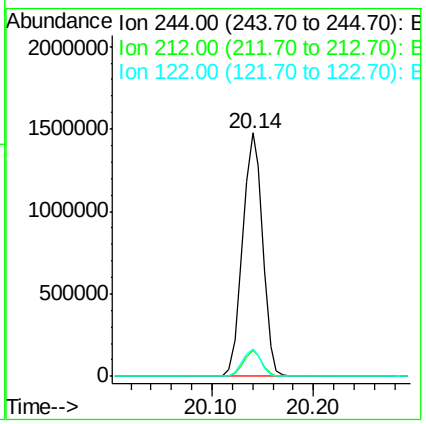


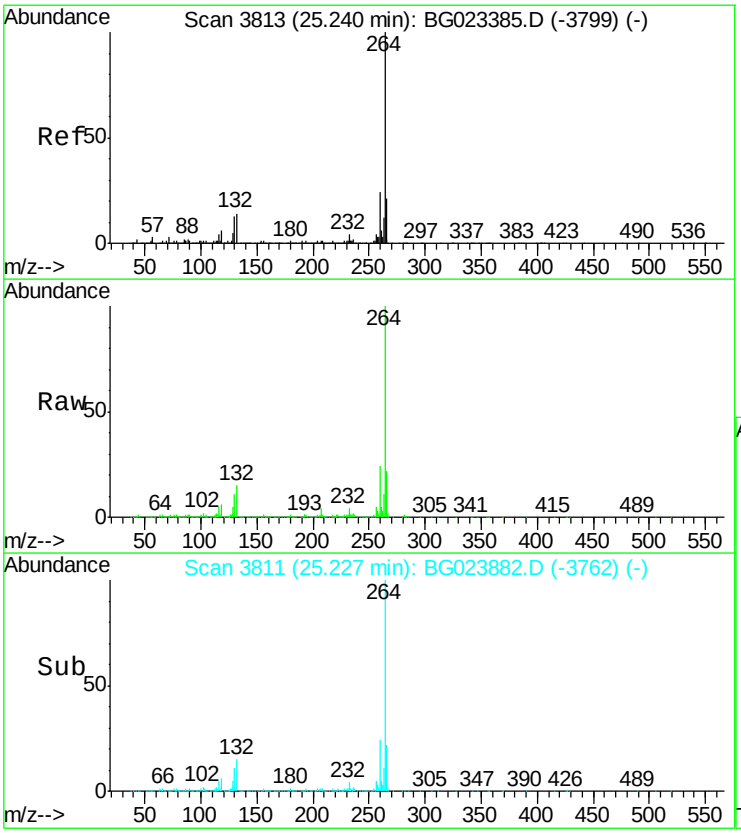
#78
Terphenyl-d14
Concen: 54.82 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Instrument :
BNA_G
ClientSampleId :
PB93011BL

Tgt Ion:244 Resp: 2017111

Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	11.3	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.01 min
Lab File: BG023882.D
Acq: 24 Aug 2016 10:53

Tgt Ion:264 Resp: 994911

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	22.3	18.9	28.3