Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Time: Aug 26 01:05:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	143788	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	616054	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	397518	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	898248	20.00	ng	0.00
75) Chrysene-d12	21.84	240	954759	20.00	ng	0.00
86) Perylene-d12	25.22	264	940775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	450643	52.76	ng	0.00
7) Phenol-d6	7.25	99	457368	34.38	ng	0.00
23) Nitrobenzene-d5	9.27	82	941749	76.00	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	537785	92.49	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1800166	76.38	ng	0.00
78) Terphenyl-d14	20.14	244	2419956	77.67	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.22	77	3215	Below Cal	#	1
32) Benzoic acid	10.26	122	214	6.46	ng	# 46
49) Dimethylphthalate	14.20	163	91013	2.98	ng	# 77
73) Di-n-butylphthalate	18.47	149	2278	Below Cal	#	52
74) Fluoranthene	19.57	202	639	Below Cal	#	1
77) Pyrene	19.94	202	7529	Below Cal	#	90

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

Quantitation Report (Not Reviewed)

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Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
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Misc :
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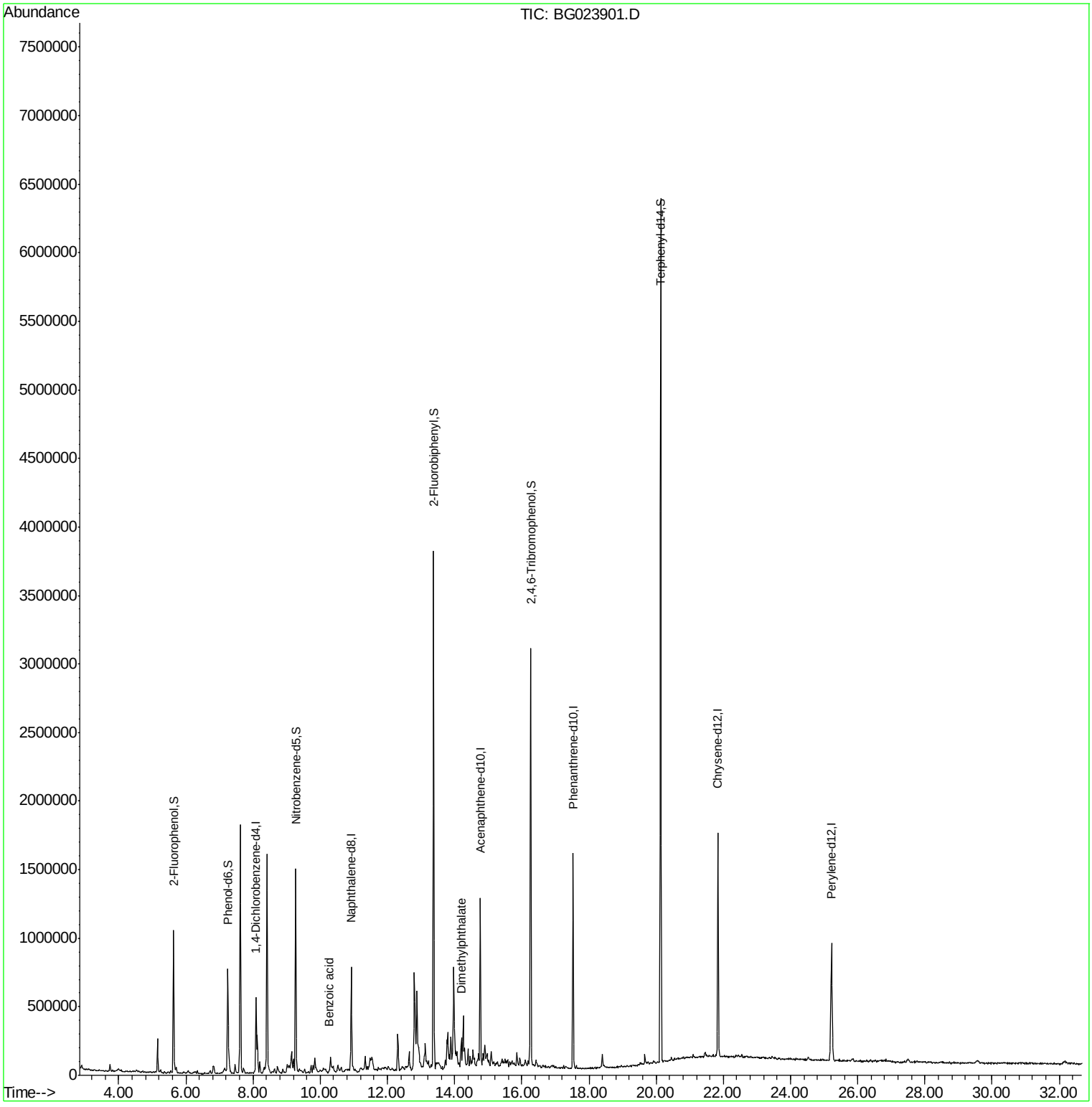
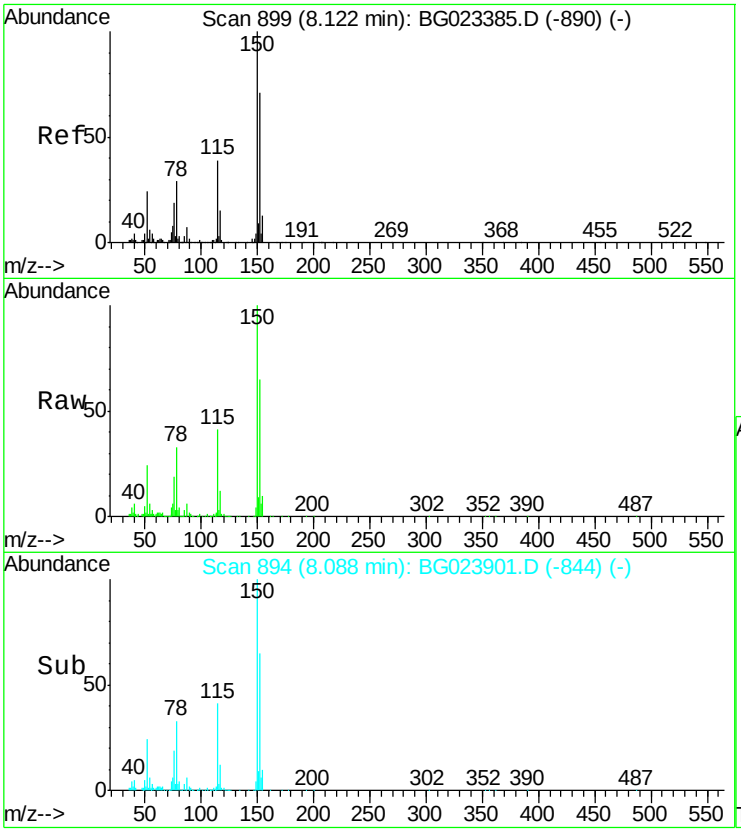


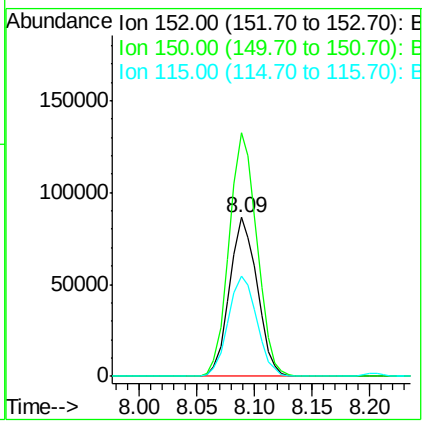


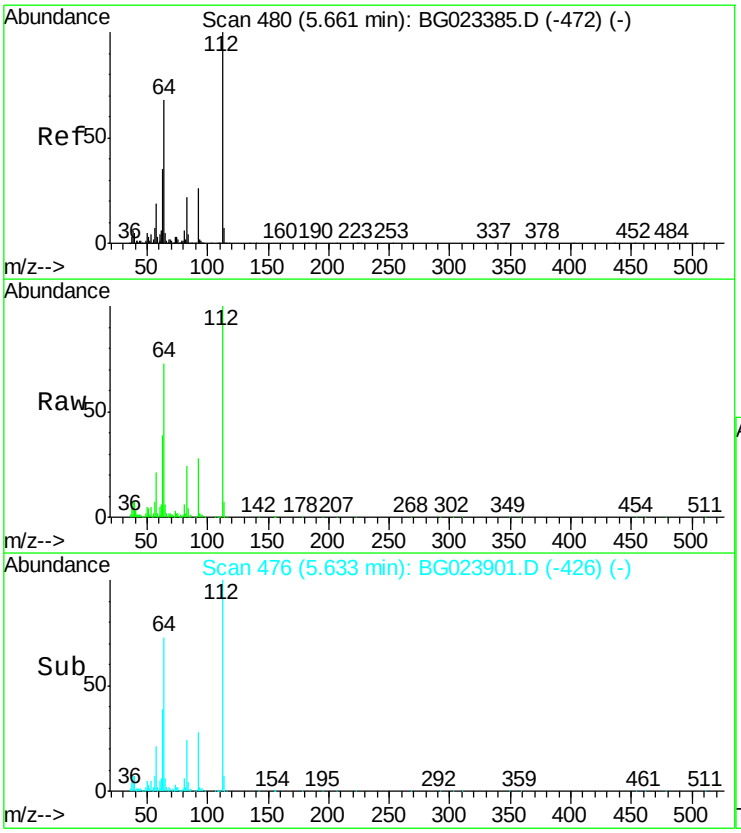
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tgt Ion:152 Resp: 143788

Ion	Ratio	Lower	Upper
152	100		
150	153.2	144.7	217.1
115	63.0	64.0	96.0#

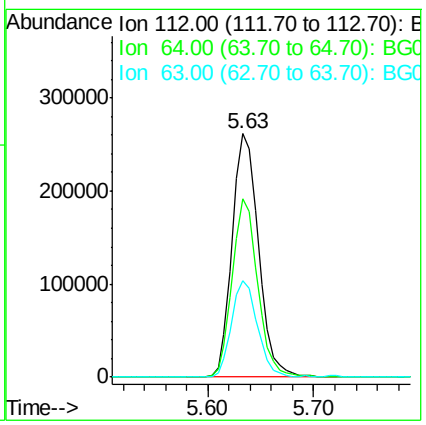


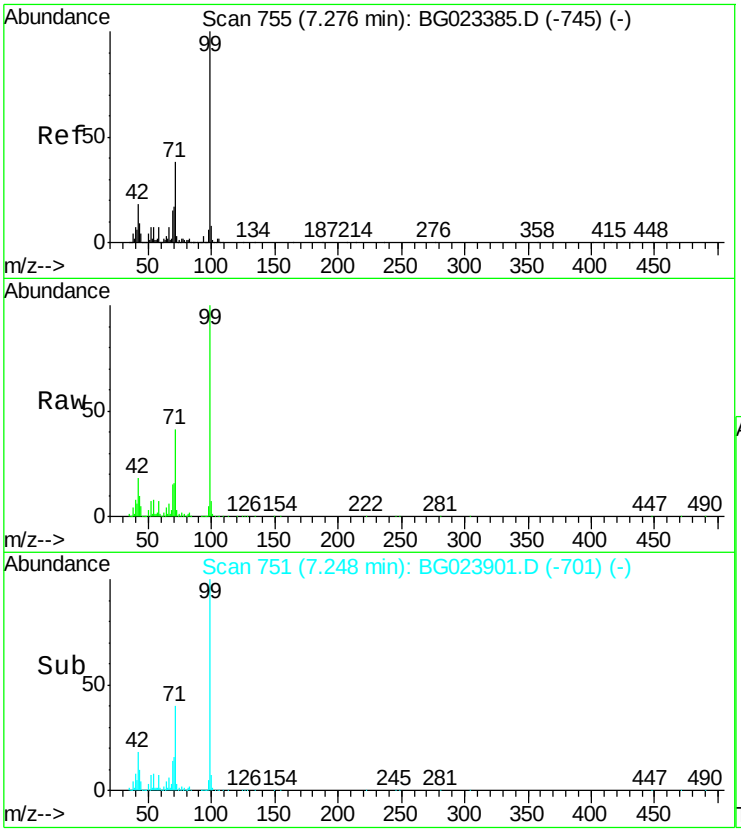


#5
2-Fluorophenol
Concen: 52.76 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Tgt Ion:112 Resp: 450643

Ion	Ratio	Lower	Upper
112	100		
64	73.4	59.0	88.4
63	39.4	37.8	56.8



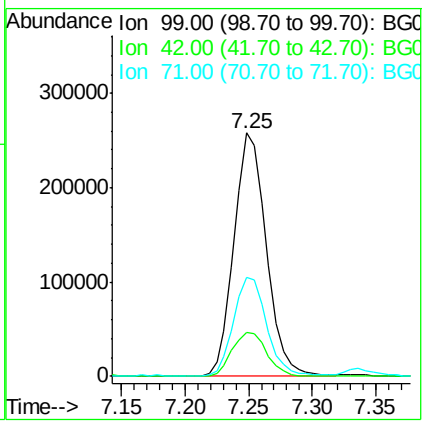


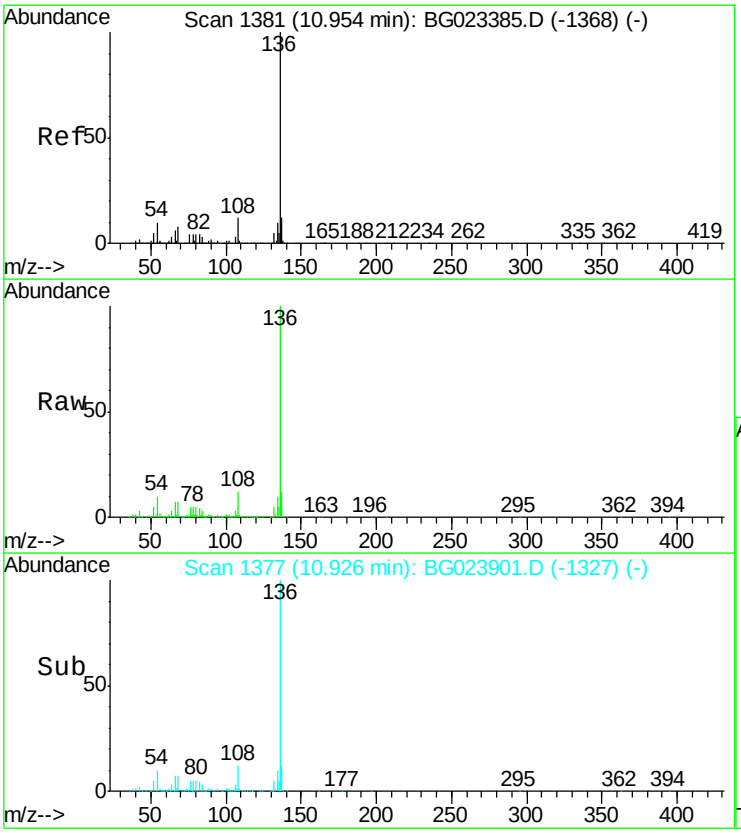
#7
Phenol-d6
Concen: 34.38 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tgt Ion: 99 Resp: 457368

Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.8	26.6
71	40.6	41.5	62.3#

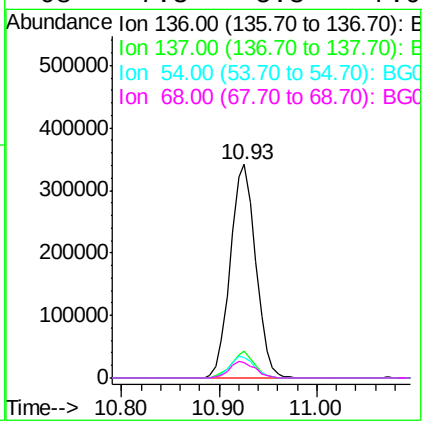


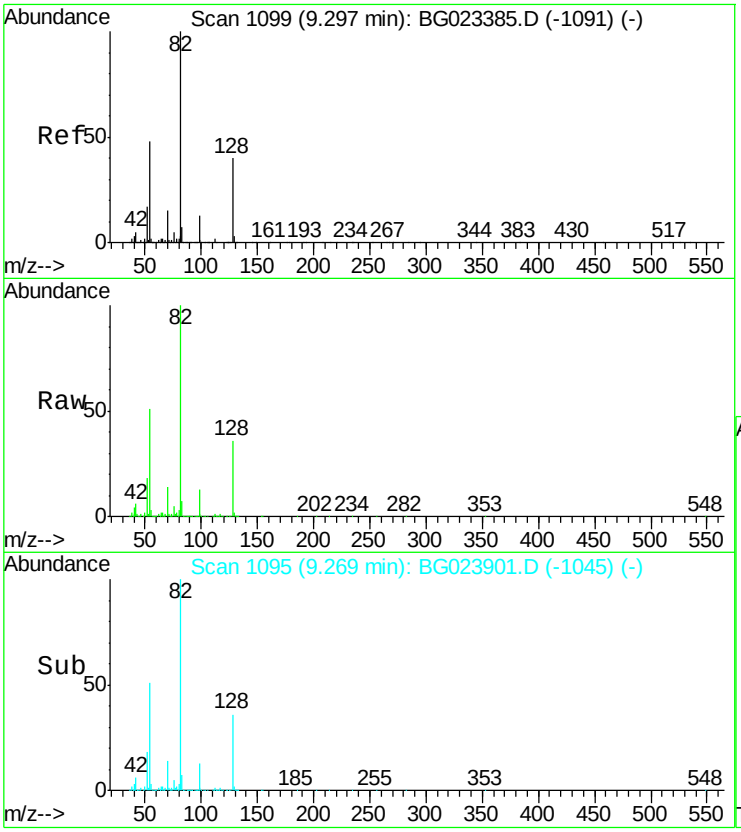


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Tgt Ion:136 Resp: 616054

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	9.8	7.3	10.9
68	7.3	5.3	7.9



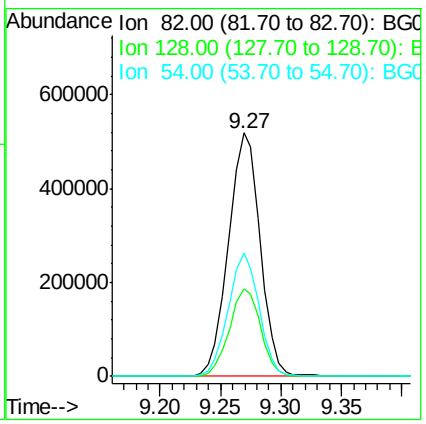


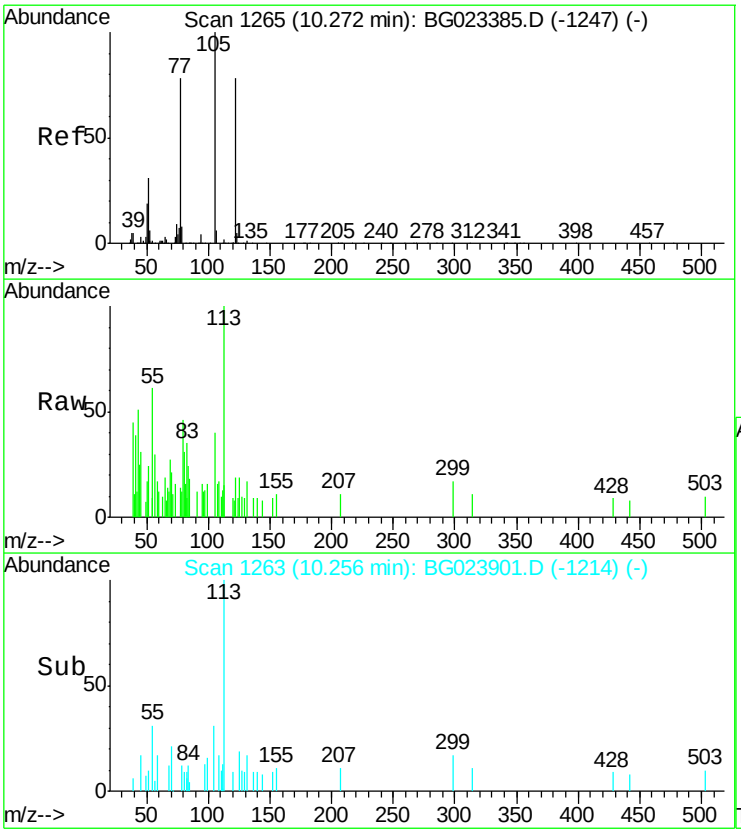
#23
Nitrobenzene-d5
Concen: 76.00 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tgt Ion: 82 Resp: 941749

Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.4	36.6
54	50.7	41.4	62.0

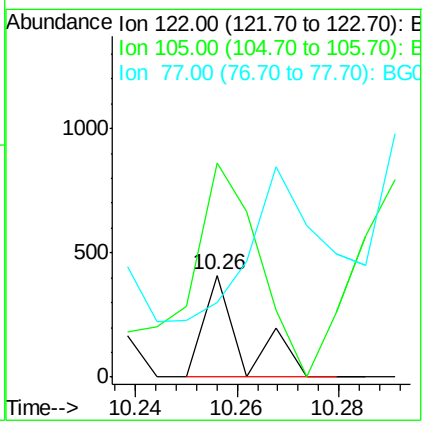


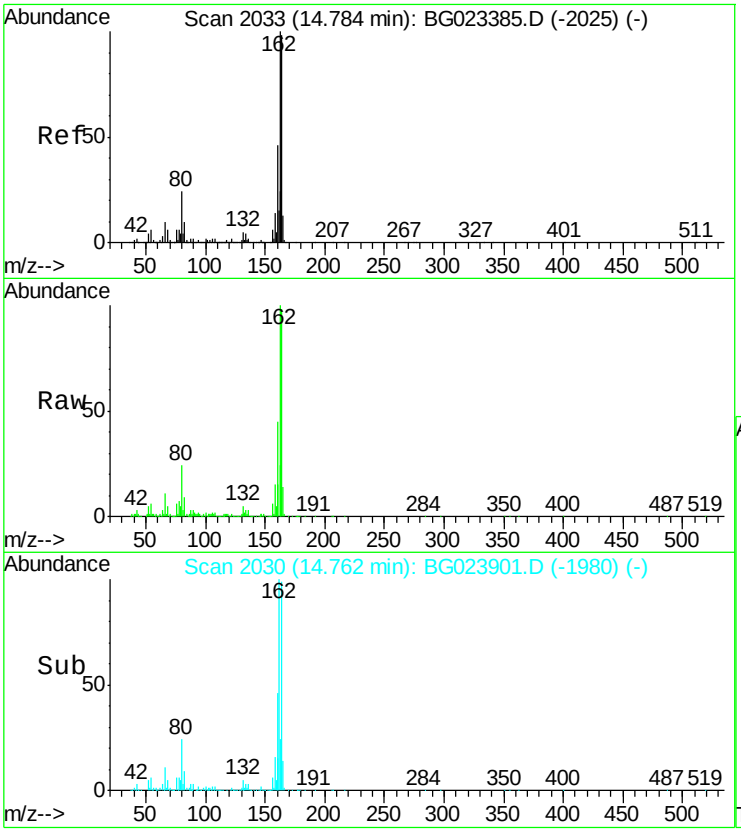


#32
Benzoic acid
Concen: 6.46 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Tgt Ion:122 Resp: 214

Ion	Ratio	Lower	Upper
122	100		
105	210.0	117.2	157.2#
77	73.9	109.2	149.2#



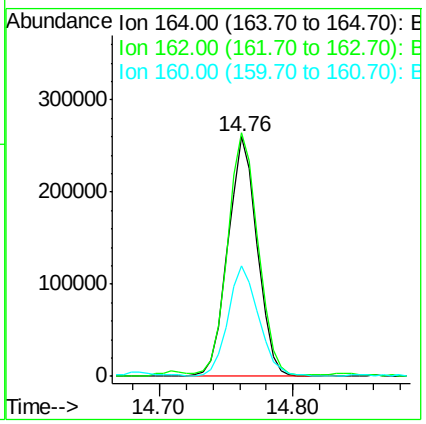


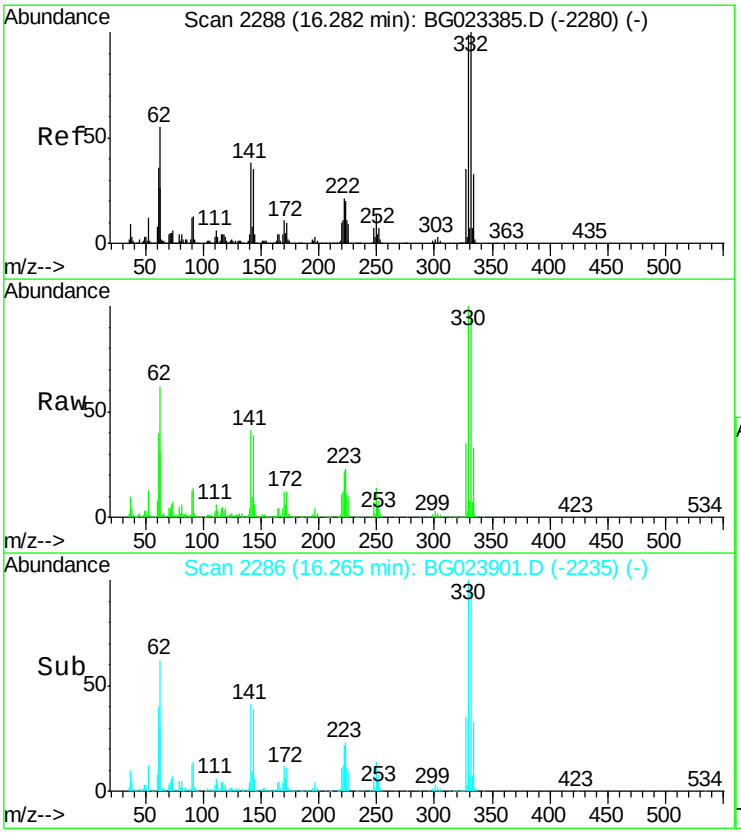
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tgt Ion:164 Resp: 397518

Ion	Ratio	Lower	Upper
164	100		
162	101.6	87.7	131.5
160	46.1	37.2	55.8

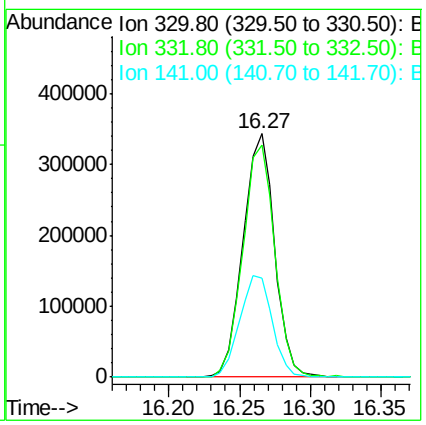


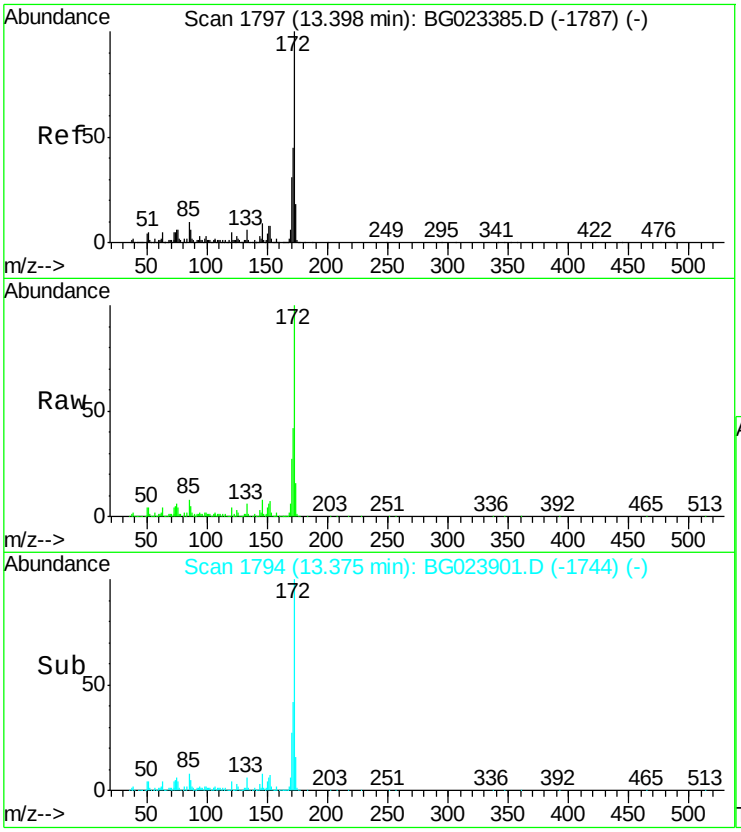


#41
2,4,6-Tribromophenol
Concen: 92.49 ng
RT: 16.27 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Tgt Ion:330 Resp: 537785

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	43.1	31.7	47.5



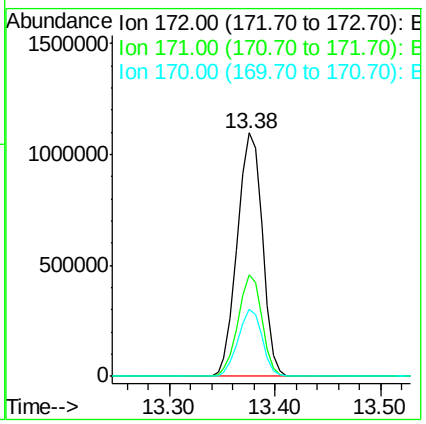


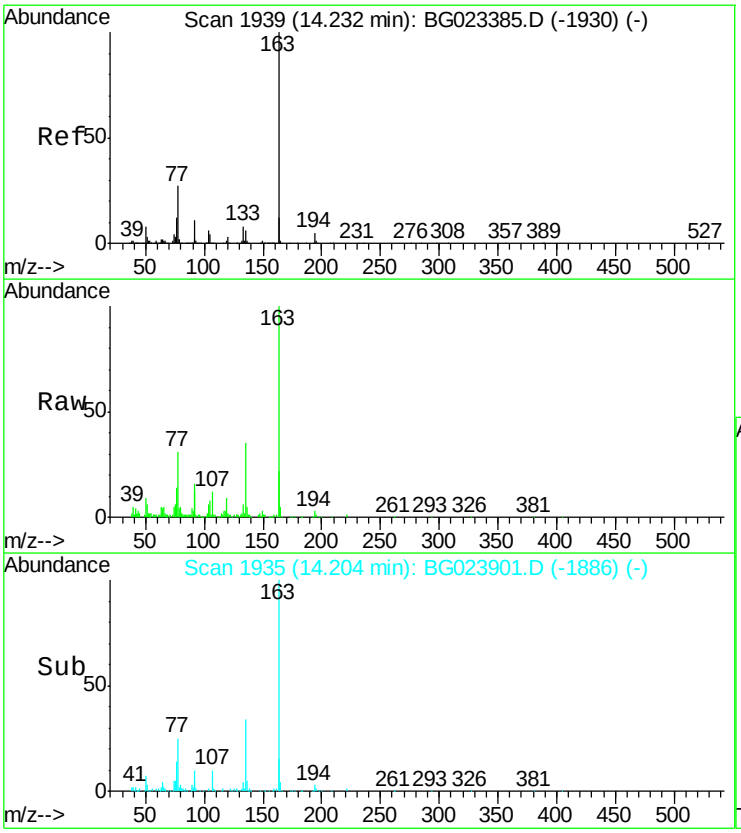
#44
2-Fluorobiphenyl
Concen: 76.38 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tgt Ion:172 Resp: 1800166

Ion	Ratio	Lower	Upper
172	100		
171	41.8	31.6	47.4
170	27.3	21.3	31.9

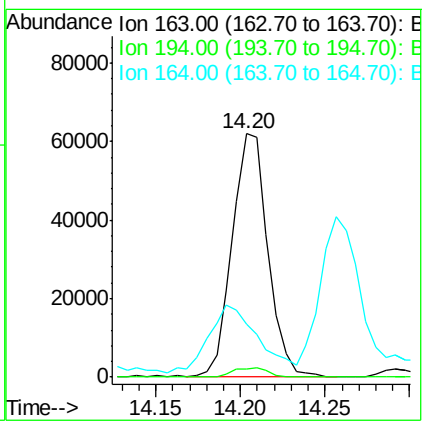


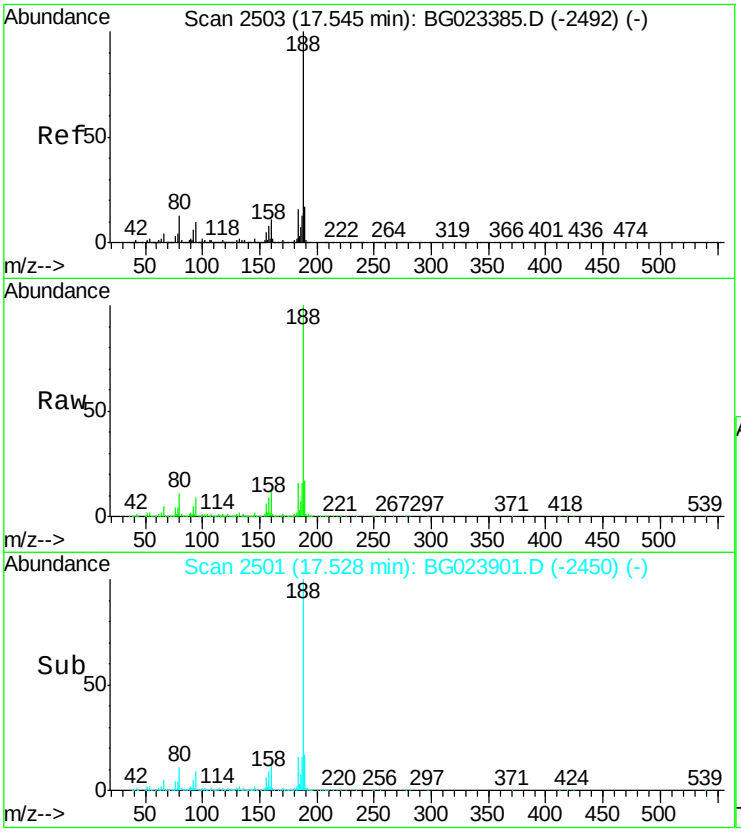


#49
Dimethylphthalate
Concen: 2.98 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Tgt Ion:163 Resp: 91013

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.6	5.4#
164	21.9	8.1	12.1#



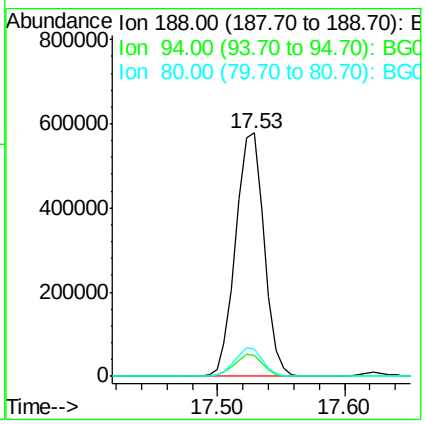


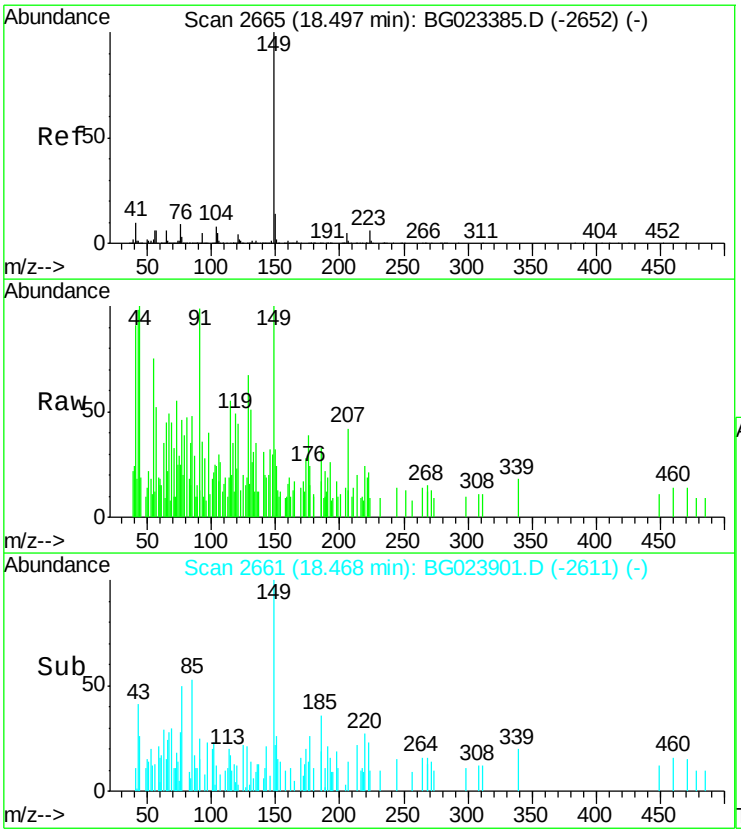
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tgt Ion:188 Resp: 898248

Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.2	7.8#
80	11.2	7.2	10.8#

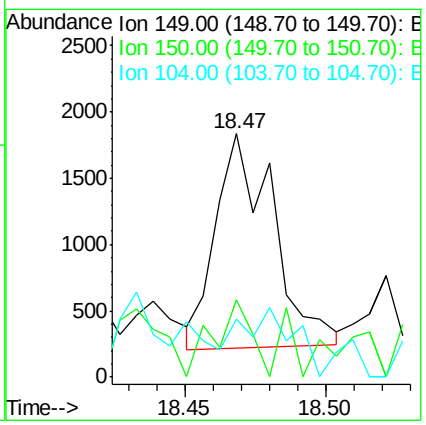


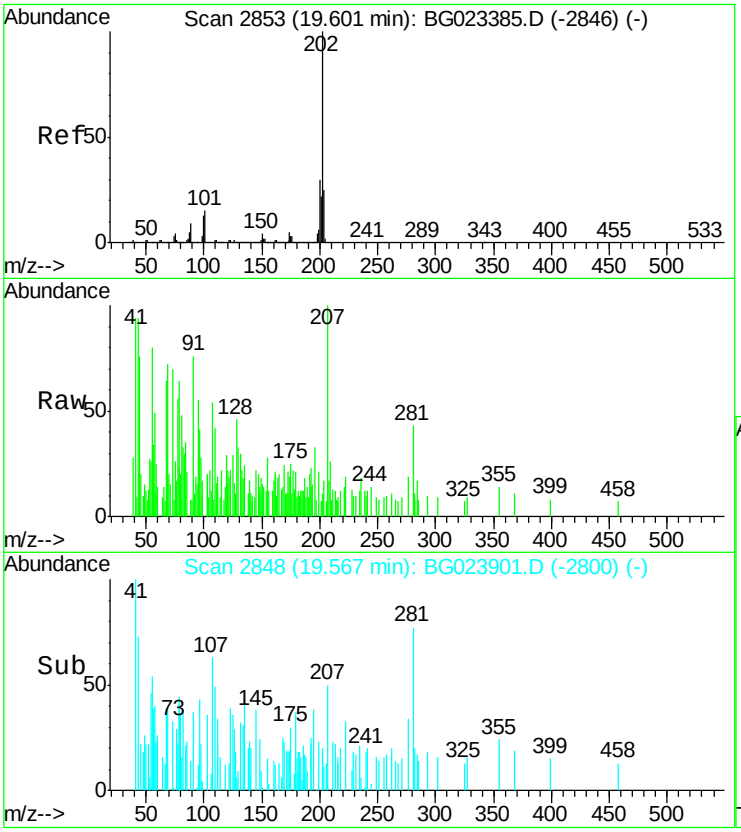


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.47 min Scan# 2661
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Tgt Ion:149 Resp: 2278

Ion	Ratio	Lower	Upper
149	100		
150	31.6	9.1	13.7#
104	23.7	6.9	10.3#



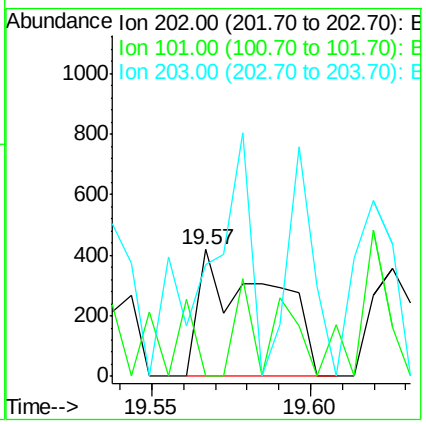


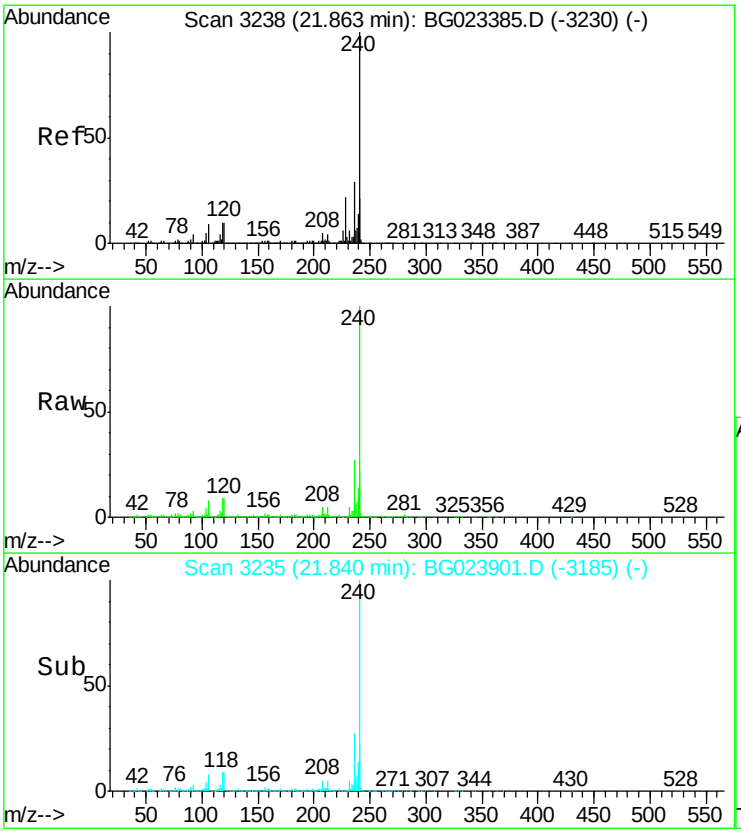
#74
Fluoranthene
Concen: Below Cal
RT: 19.57 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tgt Ion:202 Resp: 639

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	88.5	1.7	41.7#

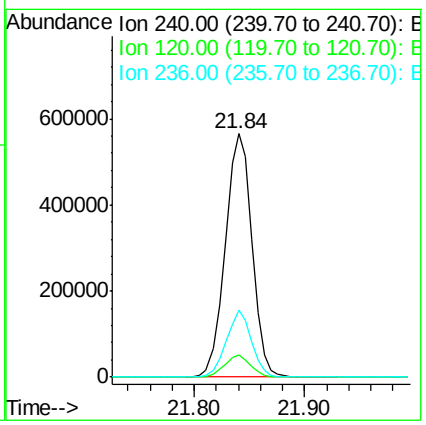


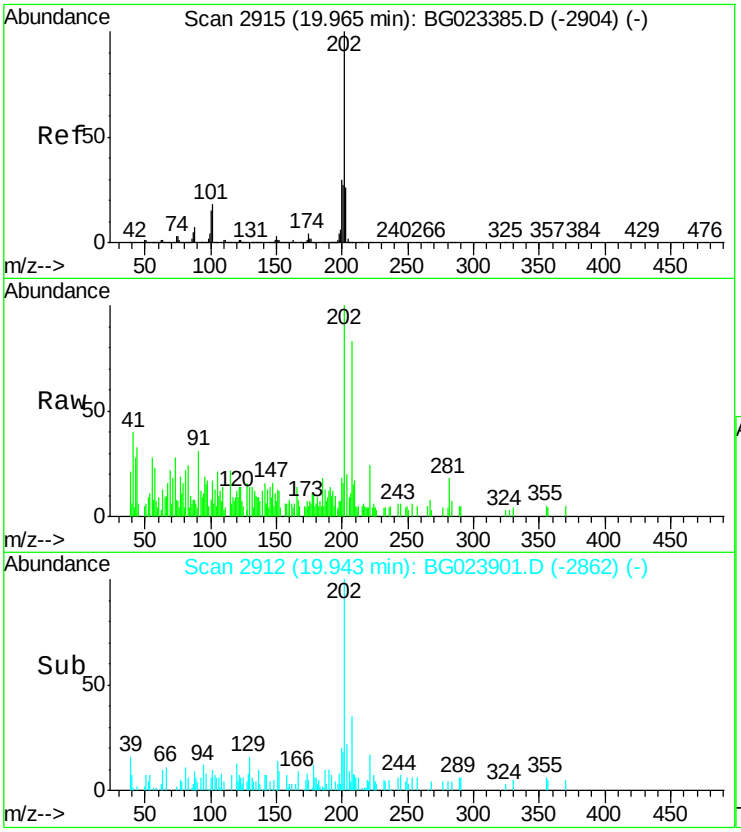


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Tgt Ion:240 Resp: 954759

Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.1	6.1#
236	27.3	21.1	31.7



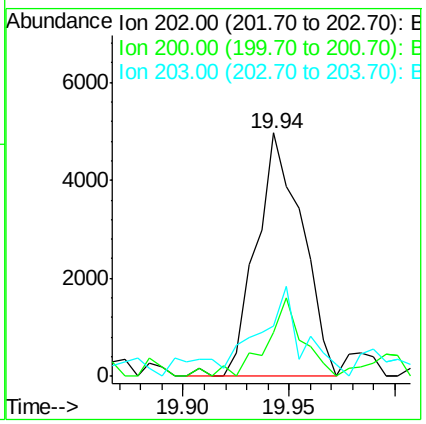


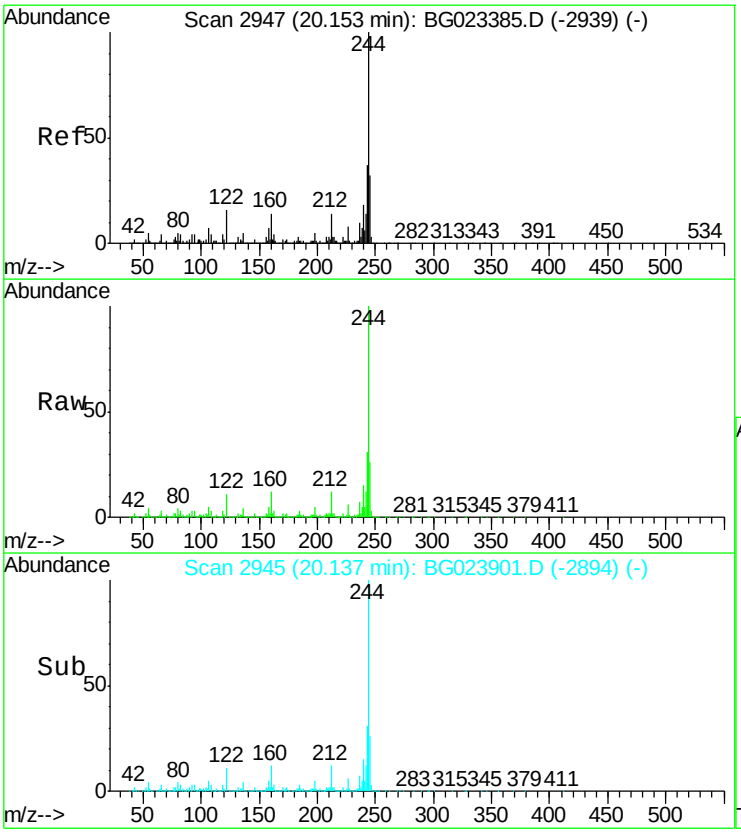
#77
Pyrene
Concen: Below Cal
RT: 19.94 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tgt Ion:202 Resp: 7529

Ion	Ratio	Lower	Upper
202	100		
200	18.2	21.2	31.8#
203	20.4	16.8	25.2

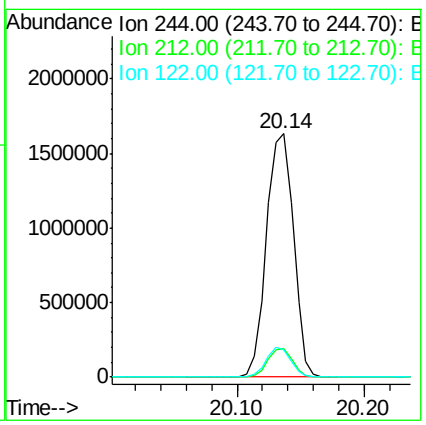


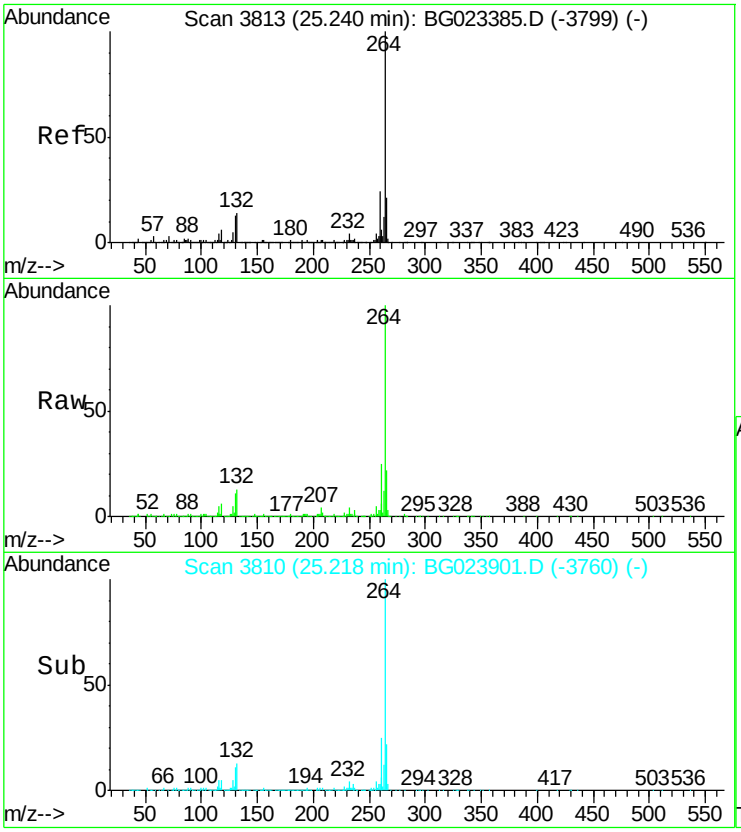


#78
Terphenyl-d14
Concen: 77.67 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Tgt Ion:244 Resp: 2419956

Ion	Ratio	Lower	Upper
244	100		
212	12.0	10.8	16.2
122	11.4	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.01 min
Lab File: BG023901.D
Acq: 25 Aug 2016 19:49

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tgt Ion:264 Resp: 940775

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	22.0	18.9	28.3