Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023725.D
Acq On : 15 Aug 2016 17:50
Operator : UM/SJ
Sample : H4422-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Time: Aug 16 01:07:22 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	137356	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	641396	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	443973	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	899021	20.00	ng		0.00
75) Chrysene-d12	21.87	240	792136	20.00	ng		0.00
86) Perylene-d12	25.28	264	789091	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	477023	58.46	ng		-0.01
7) Phenol-d6	7.26	99	456444	35.91	ng		-0.01
23) Nitrobenzene-d5	9.29	82	1022938	79.29	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	578610	89.10	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	2164210	82.22	ng		0.00
78) Terphenyl-d14	20.16	244	2357967	95.52	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.26	77	1448	Below Cal		#	8
32) Benzoic acid	10.28	122	136	6.46	ng	#	1
49) Dimethylphthalate	14.22	163	309037	9.07	ng		97
73) Di-n-butylphthalate	18.49	149	23907	Below Cal			97
74) Fluoranthene	19.44	202	178	Below Cal			76
77) Pyrene	19.96	202	993	Below Cal		#	51

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023725.D
Acq On : 15 Aug 2016 17:50
Operator : UM/SJ
Sample : H4422-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Aug 16 01:07:22 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
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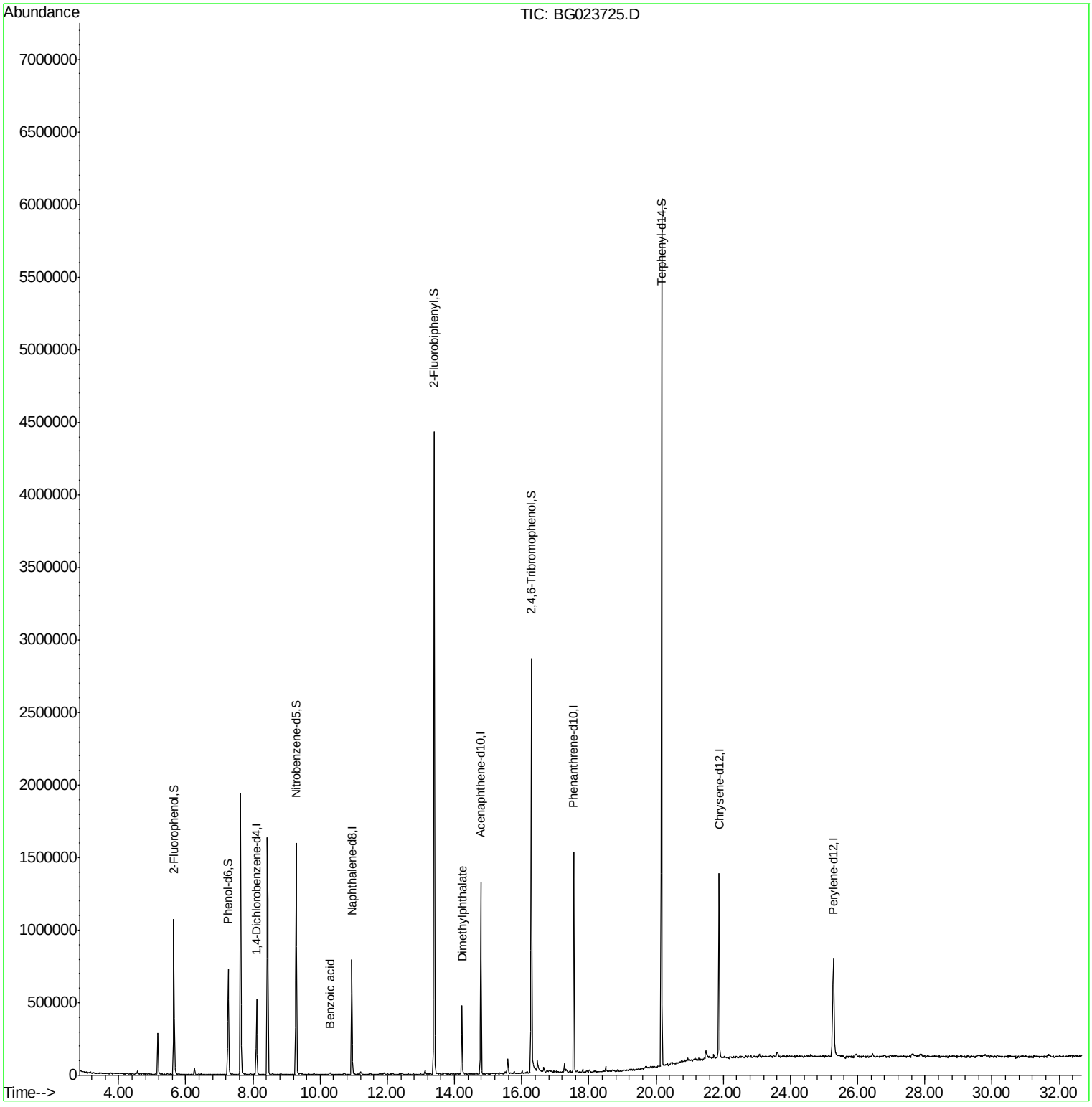
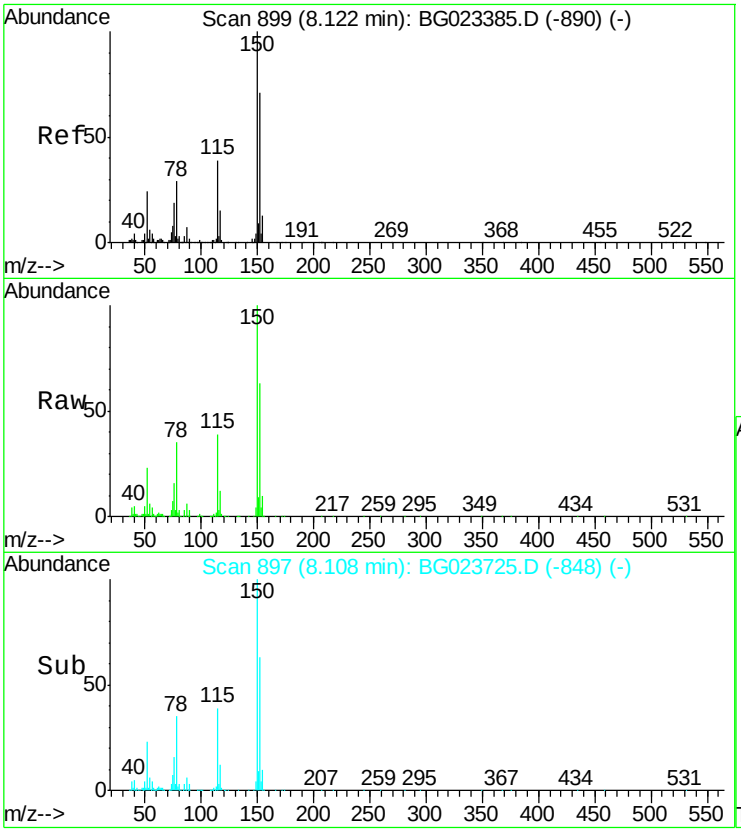


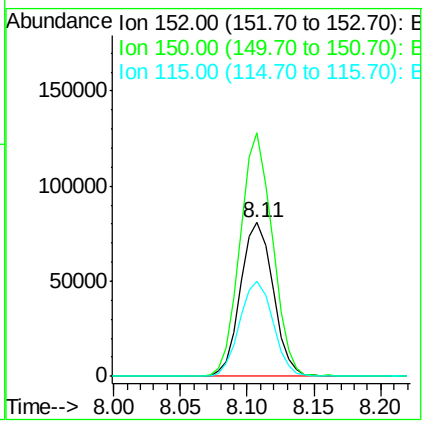


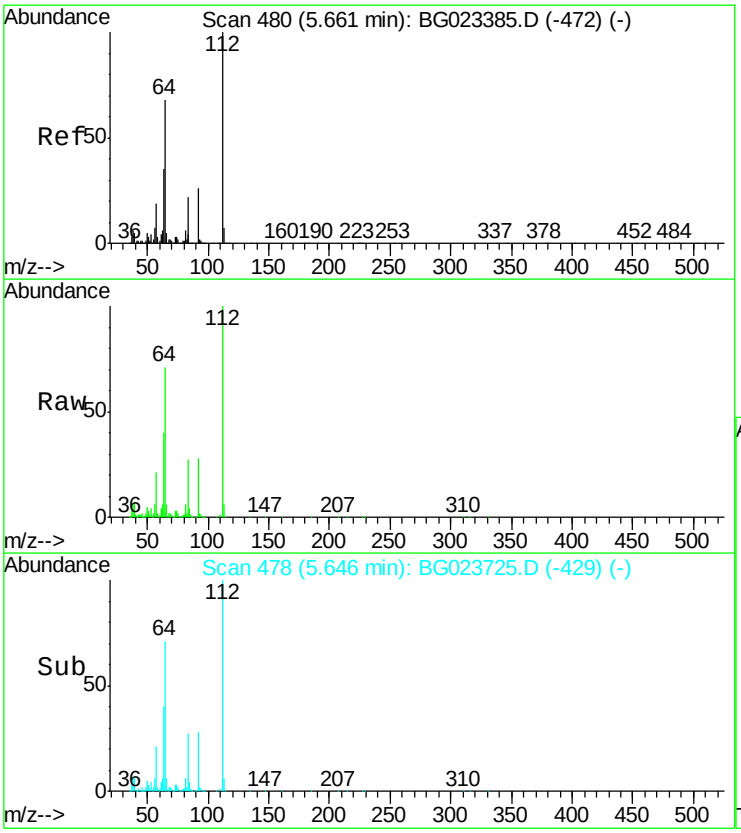
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 137356

Ion	Ratio	Lower	Upper
152	100		
150	158.5	144.7	217.1
115	62.2	64.0	96.0#

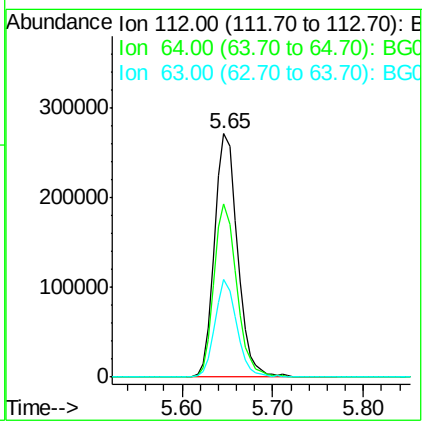


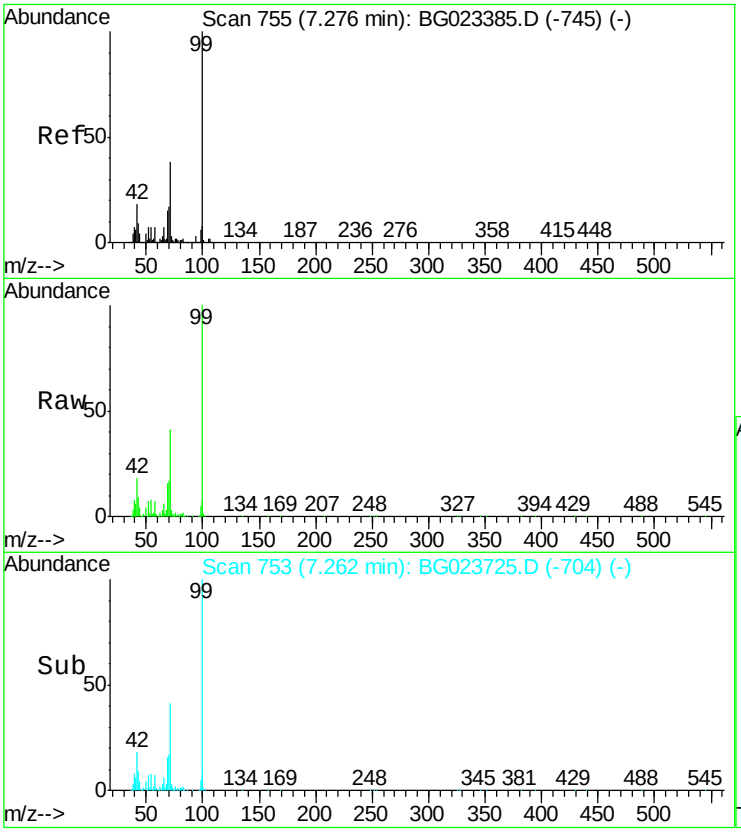


#5
2-Fluorophenol
Concen: 58.46 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Tgt Ion:112 Resp: 477023

Ion	Ratio	Lower	Upper
112	100		
64	71.0	59.0	88.4
63	40.1	37.8	56.8



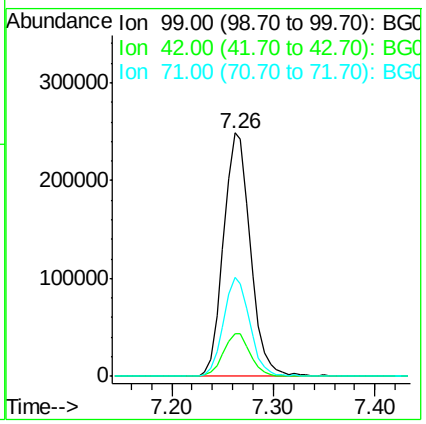


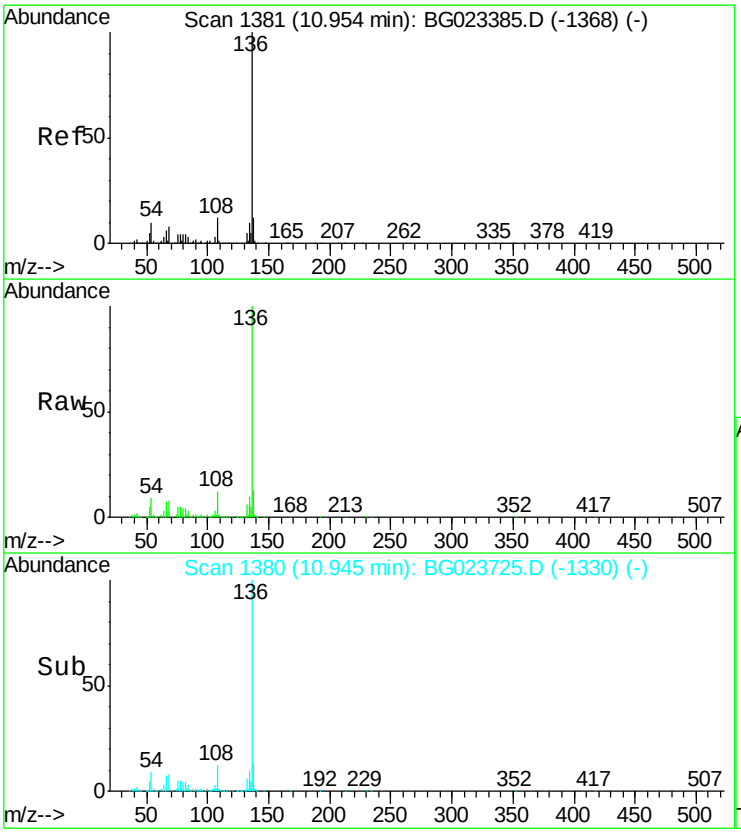
#7
Phenol-d6
Concen: 35.91 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 456444

Ion	Ratio	Lower	Upper
99	100		
42	17.7	17.8	26.6#
71	40.5	41.5	62.3#

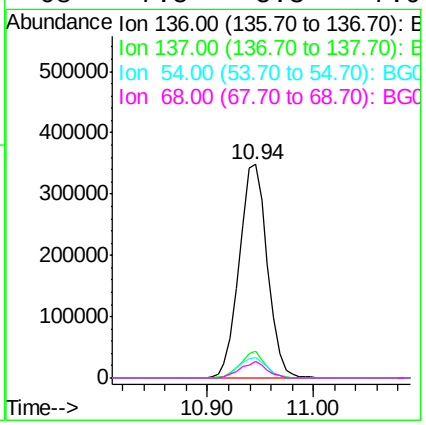


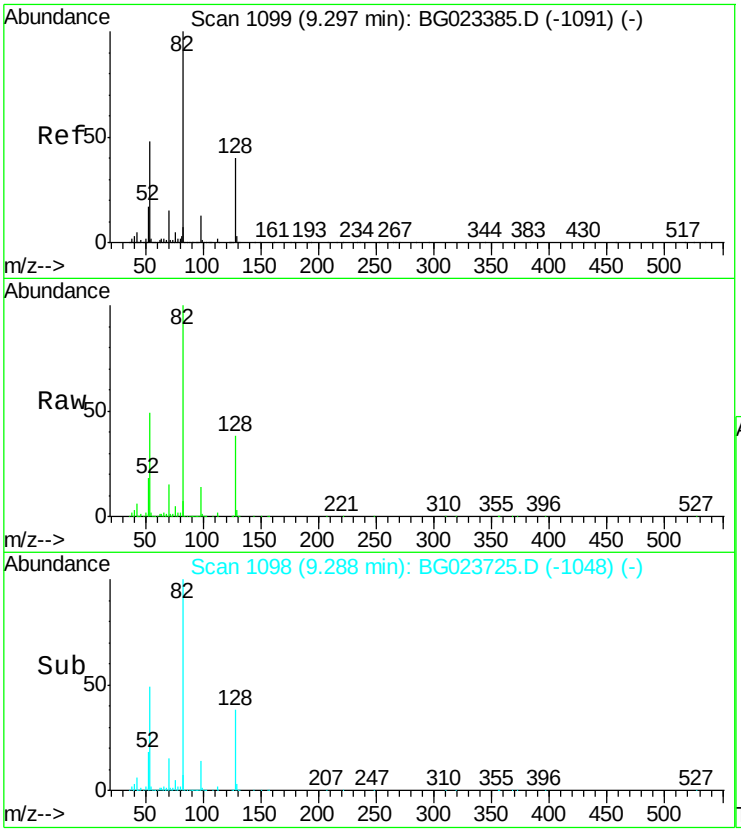


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Tgt Ion:136 Resp: 641396

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	9.3	7.3	10.9
68	7.5	5.3	7.9



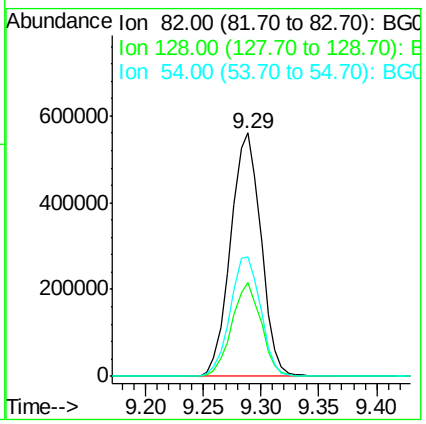


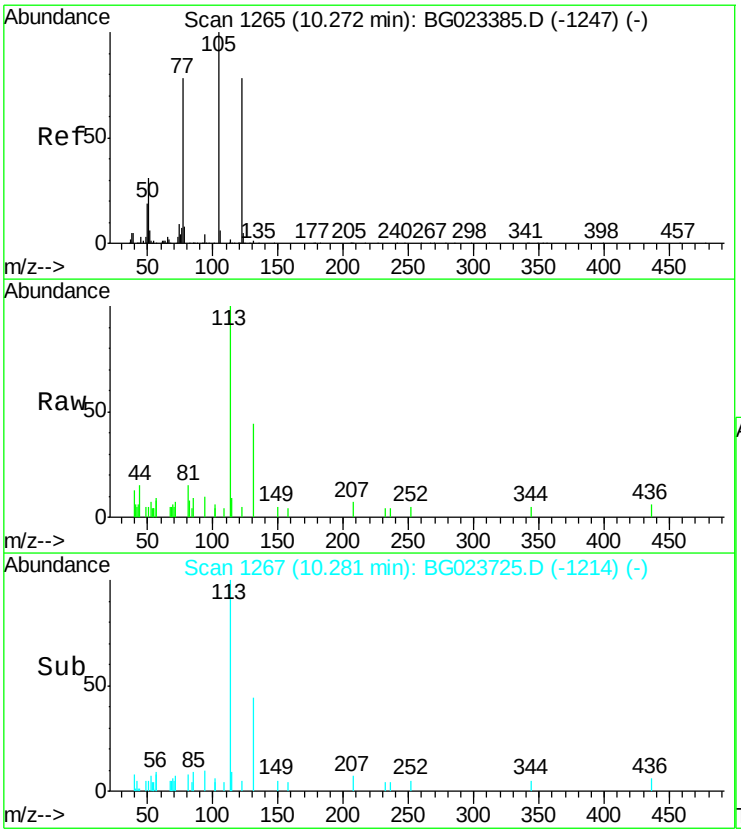
#23
Nitrobenzene-d5
Concen: 79.29 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 1022938

Ion	Ratio	Lower	Upper
82	100		
128	38.3	24.4	36.6#
54	49.1	41.4	62.0

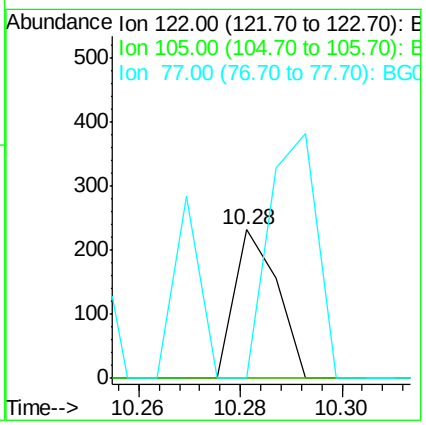


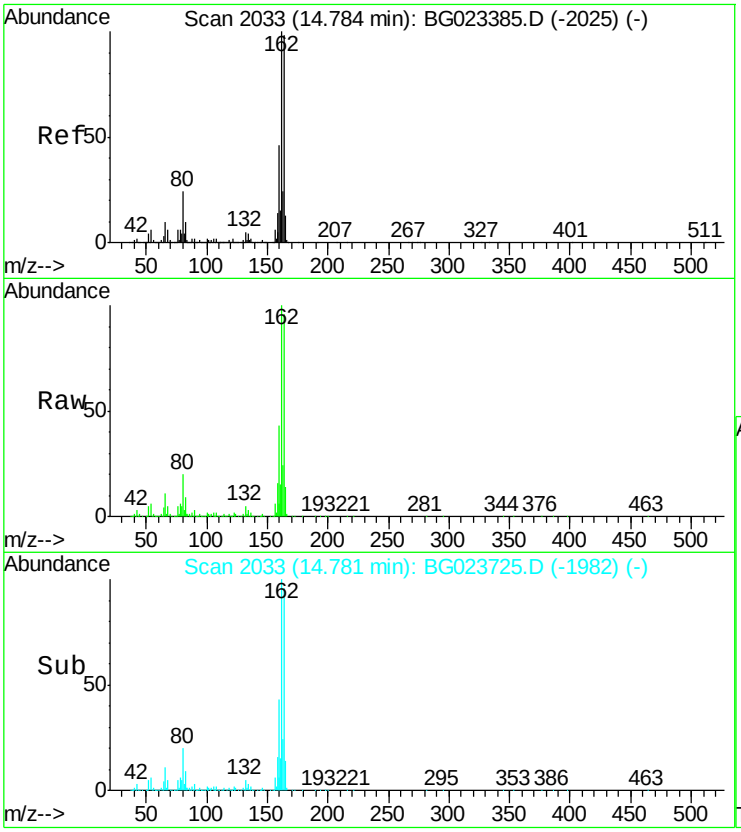


#32
Benzoic acid
Concen: 6.46 ng
RT: 10.28 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Tgt Ion:122 Resp: 136

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



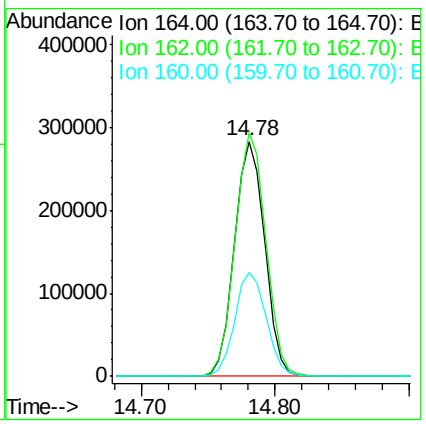


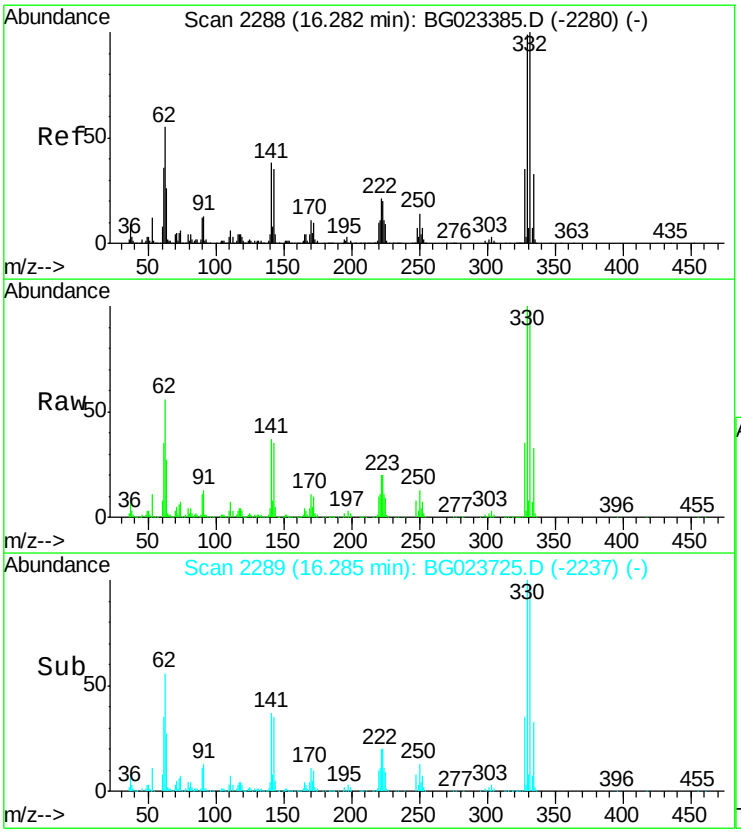
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 443973

Ion	Ratio	Lower	Upper
164	100		
162	103.7	87.7	131.5
160	44.4	37.2	55.8

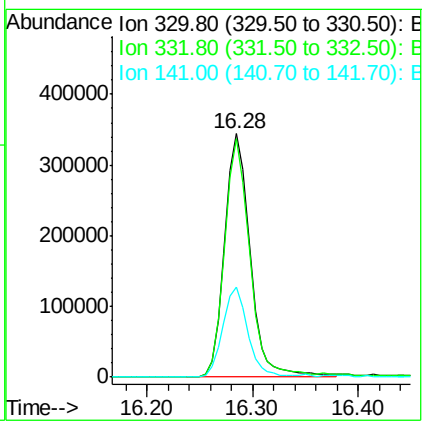


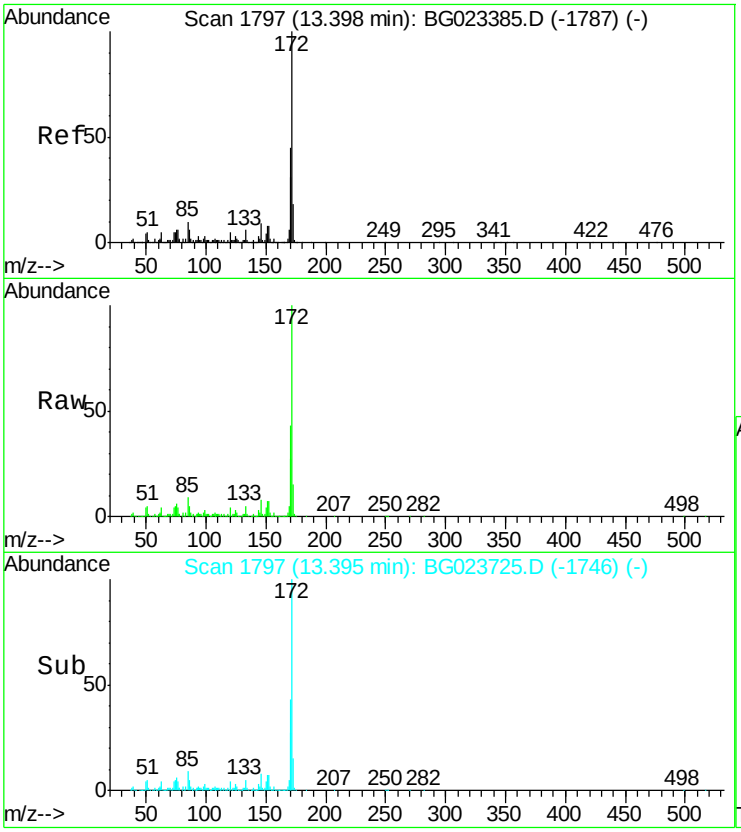


#41
2,4,6-Tribromophenol
Concen: 89.10 ng
RT: 16.28 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Tgt Ion:330 Resp: 578610

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.4	116.2
141	36.1	31.7	47.5



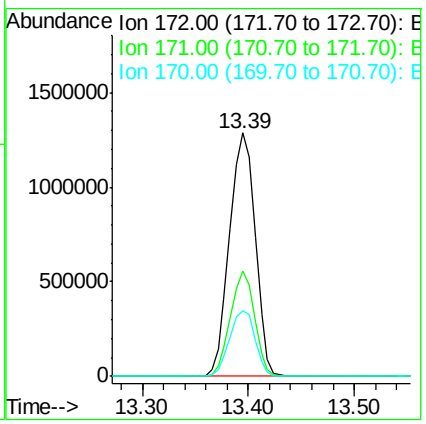


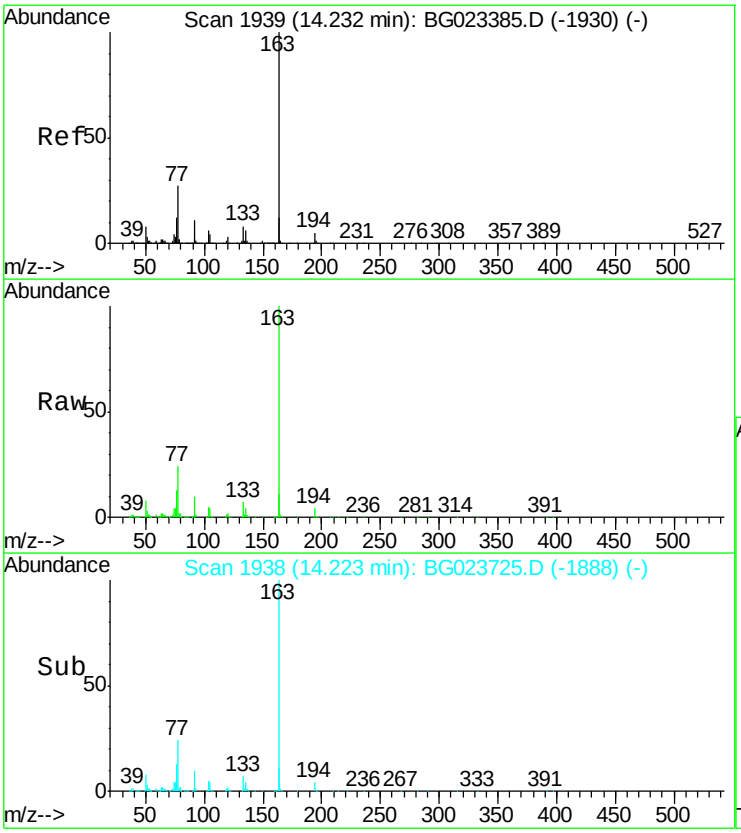
#44
2-Fluorobiphenyl
Concen: 82.22 ng
RT: 13.39 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:172 Resp: 2164210

Ion	Ratio	Lower	Upper
172	100		
171	43.0	31.6	47.4
170	27.2	21.3	31.9

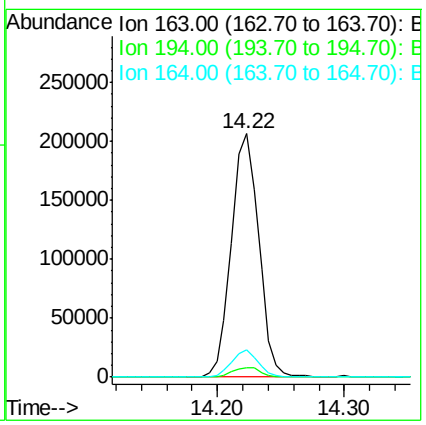


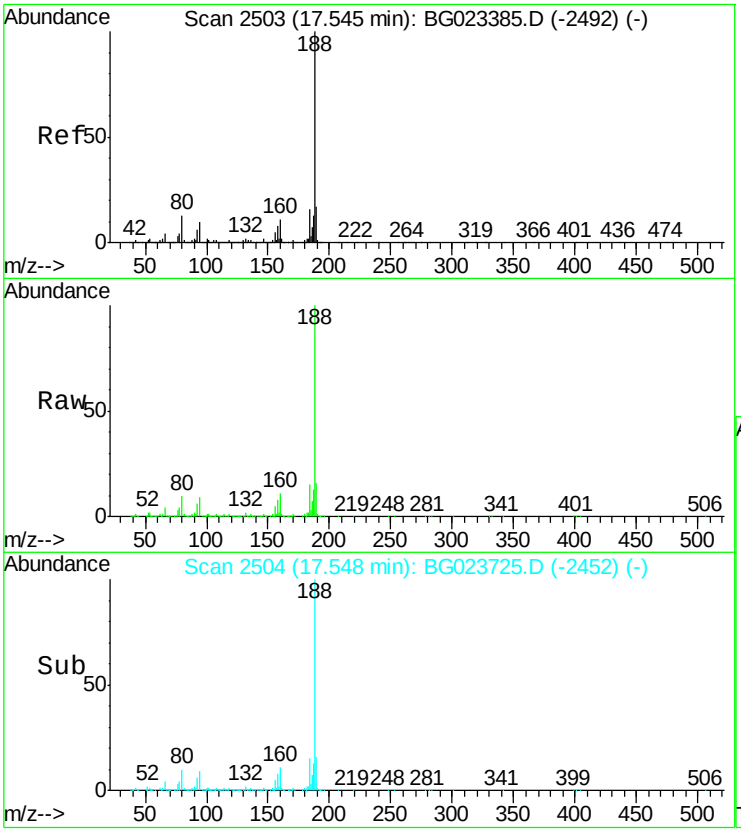


#49
Dimethylphthalate
Concen: 9.07 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Tgt Ion:163 Resp: 309037

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	11.3	8.1	12.1



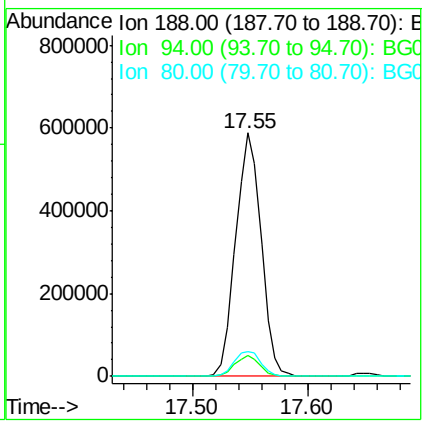


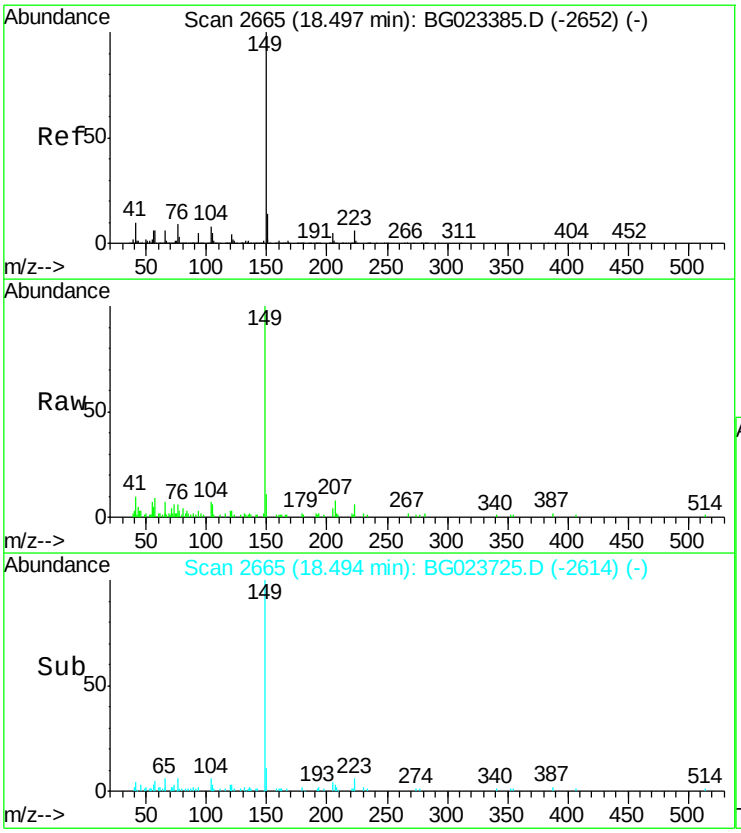
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 899021

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.2	7.8#
80	10.4	7.2	10.8

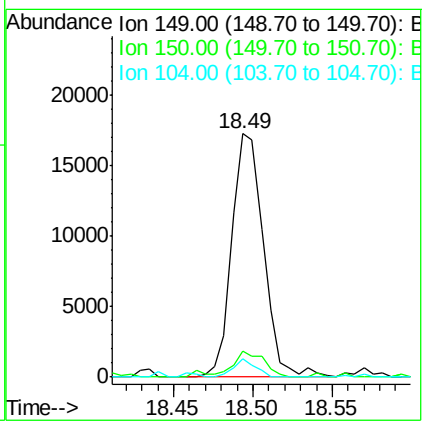


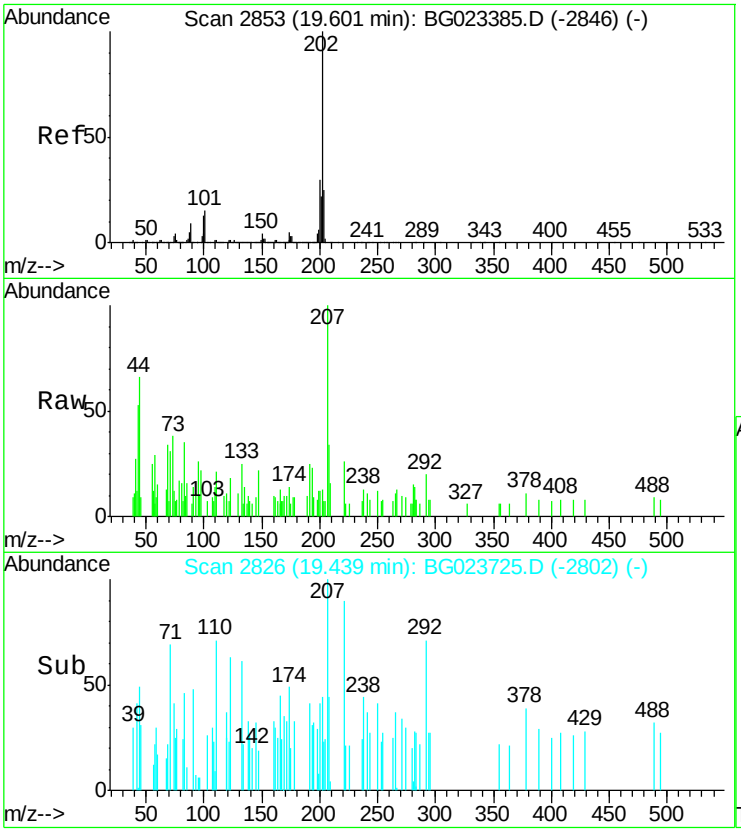


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.49 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Tgt Ion:149 Resp: 23907

Ion	Ratio	Lower	Upper
149	100		
150	10.7	9.1	13.7
104	7.3	6.9	10.3



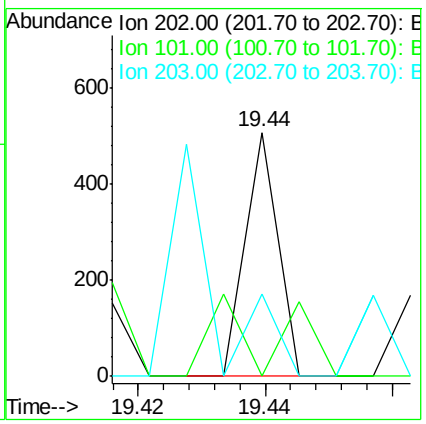


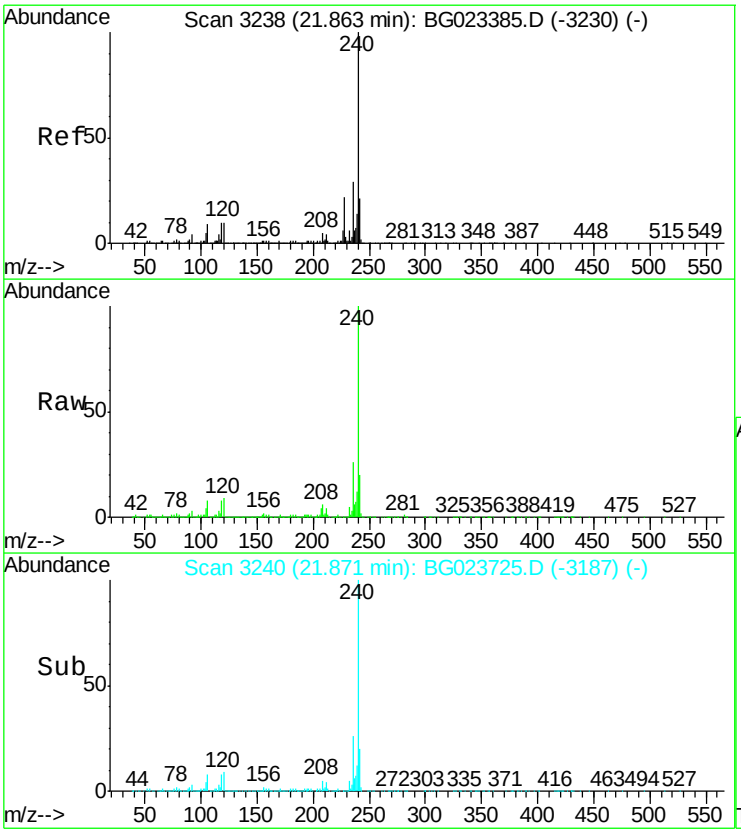
#74
Fluoranthene
Concen: Below Cal
RT: 19.44 min Scan# 2826
Delta R.T. -0.16 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:202 Resp: 178

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	33.8	1.7	41.7

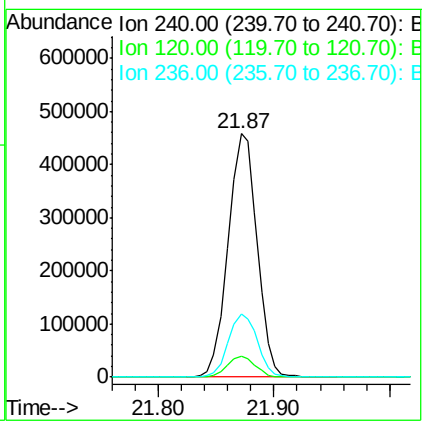


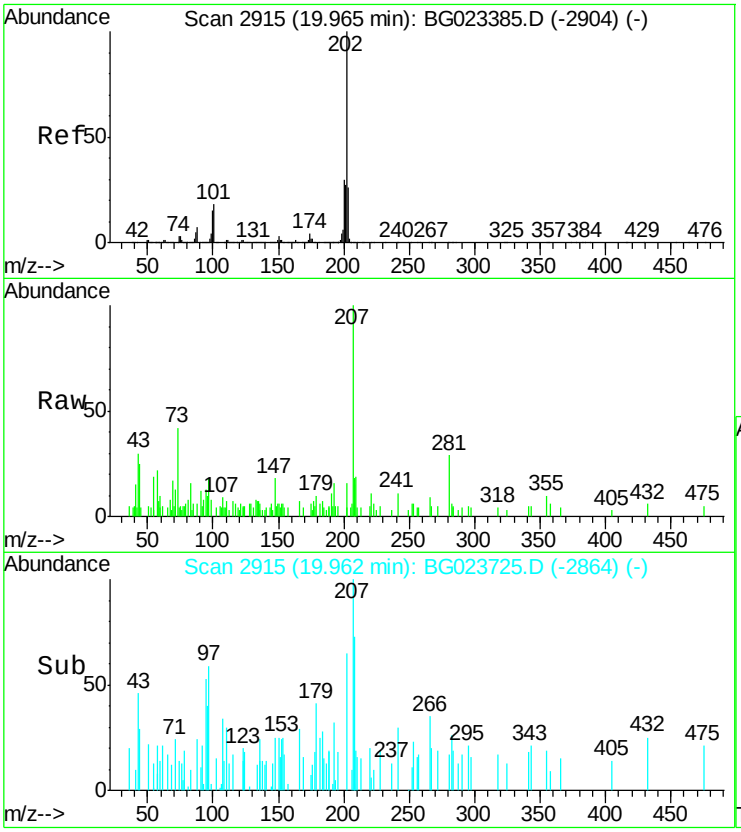


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Tgt Ion:240 Resp: 792136

Ion	Ratio	Lower	Upper
240	100		
120	8.5	4.1	6.1#
236	26.0	21.1	31.7



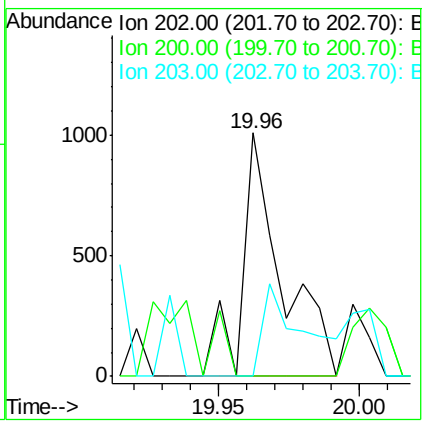


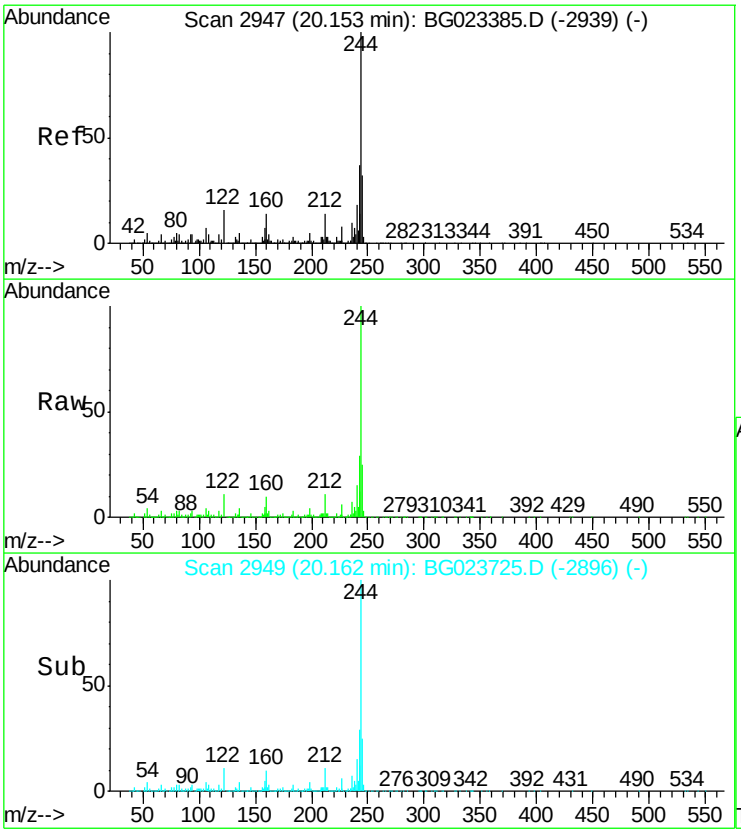
#77
Pyrene
Concen: Below Cal
RT: 19.96 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:202 Resp: 993

Ion	Ratio	Lower	Upper
202	100		
200	0.0	21.2	31.8#
203	0.0	16.8	25.2#

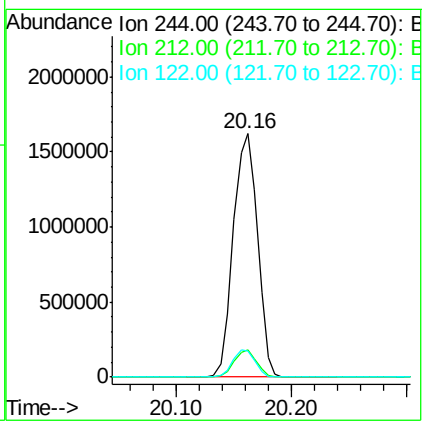


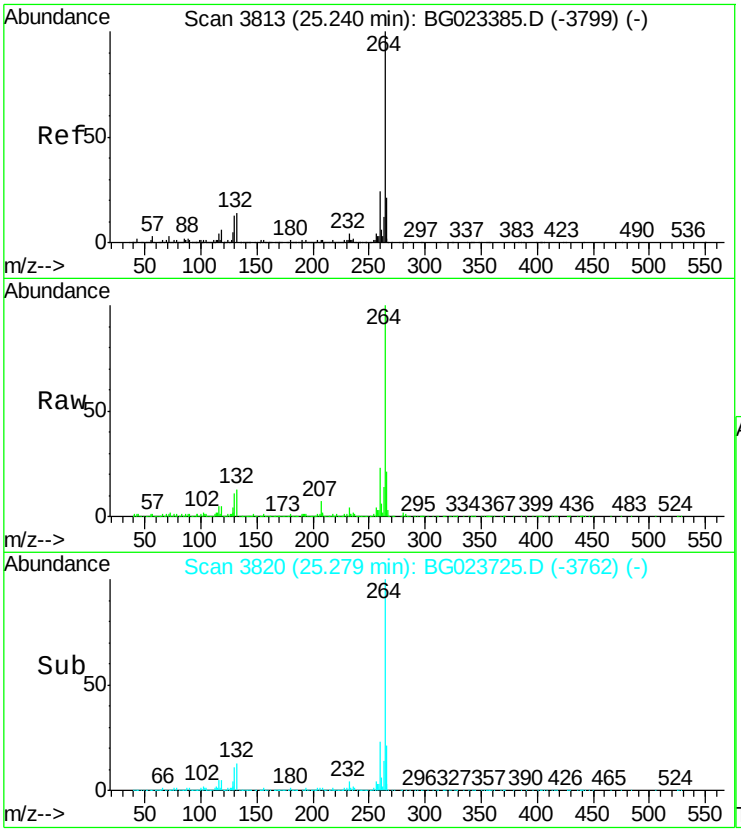


#78
Terphenyl-d14
Concen: 95.52 ng
RT: 20.16 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Tgt Ion:244 Resp: 2357967

Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.8	16.2
122	10.6	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. 0.04 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 789091

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.1	18.9	28.3