Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080116\
Data File : BG023390.D
Acq On : 1 Aug 2016 20:38
Operator : UM/SJ
Sample : PB92598BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92598BL

Quant Time: Aug 02 04:45:21 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	8.12	152	112614	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	540794	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	400819	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1155127	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1081515	20.00	ng	0.00
86) Perylene-d12	25.24	264	1023167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1050030	156.95	ng	0.00
7) Phenol-d6	7.28	99	1560174	149.72	ng	0.00
23) Nitrobenzene-d5	9.30	82	983502	90.41	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	839531	143.20	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2144249	90.23	ng	0.00
78) Terphenyl-d14	20.15	244	3323084	99.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.24	77	176	Below Cal	#	8
32) Benzoic acid	10.35	122	129	6.46	ng #	8
73) Di-n-butylphthalate	18.50	149	824	Below Cal	#	73
74) Fluoranthene	19.61	202	156	Below Cal	#	60
77) Pyrene	20.15	202	19802	Below Cal	#	76

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080116\
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Acq On : 1 Aug 2016 20:38
Operator : UM/SJ
Sample : PB92598BL
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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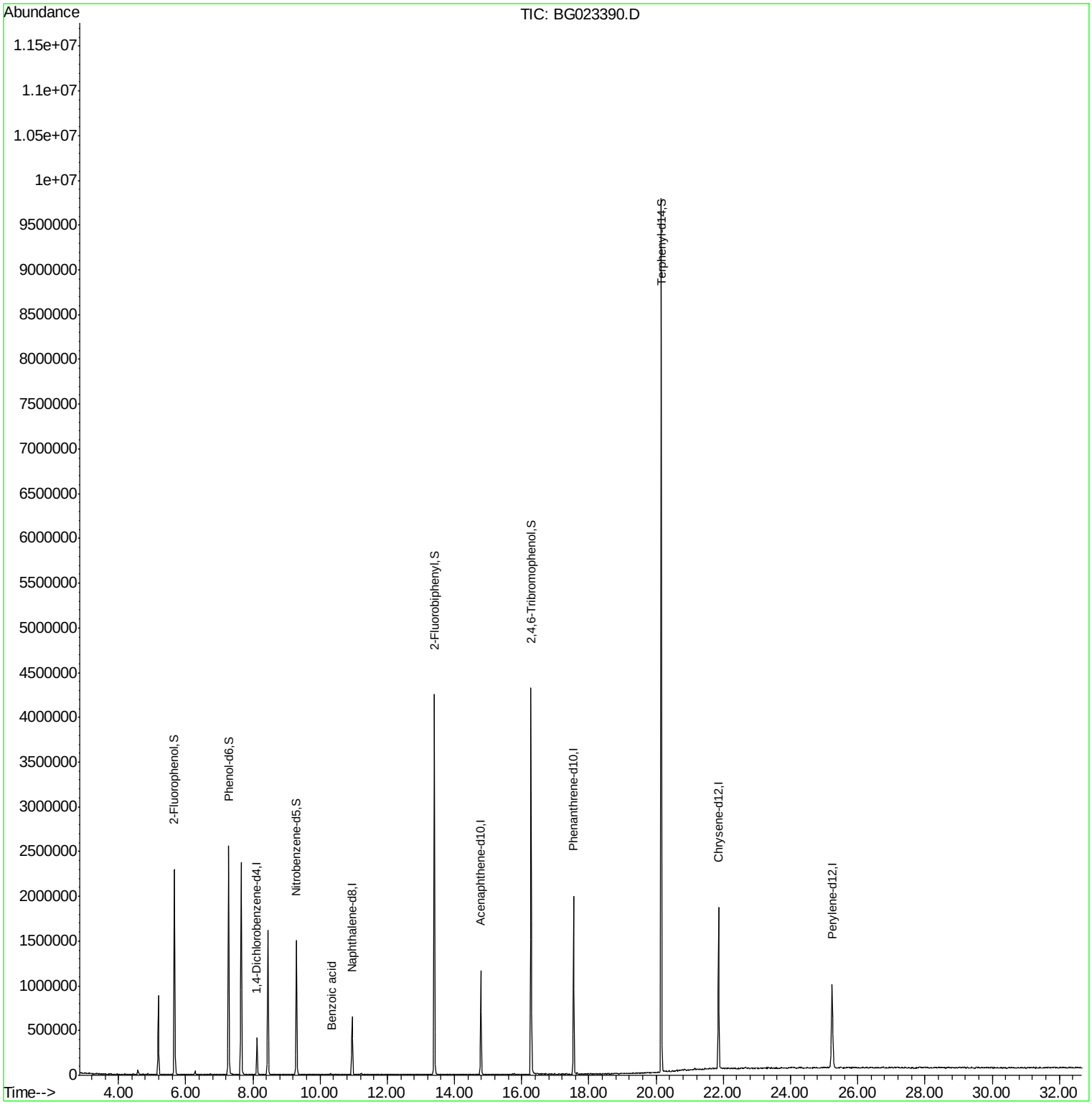
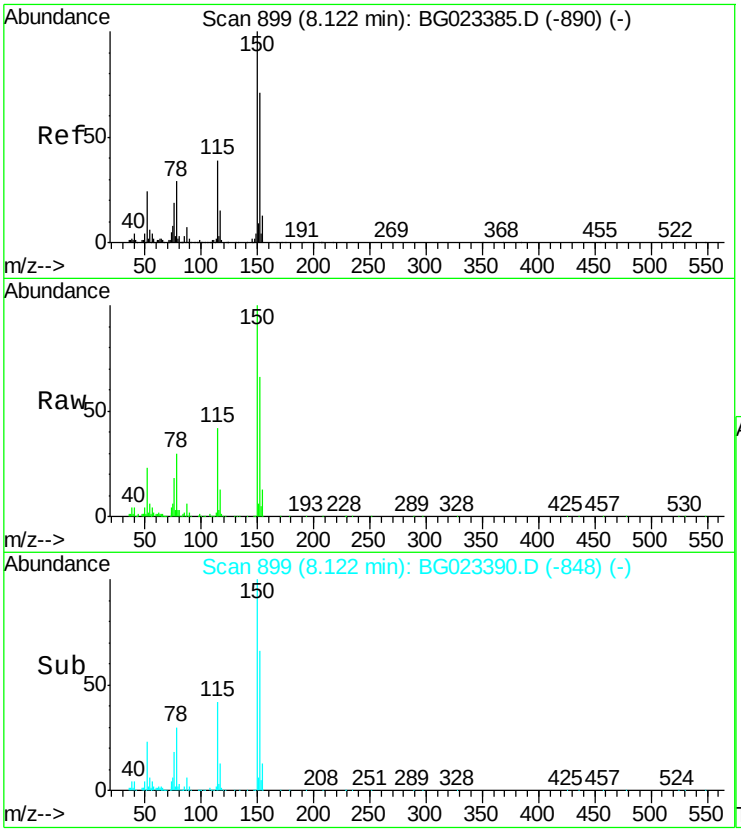


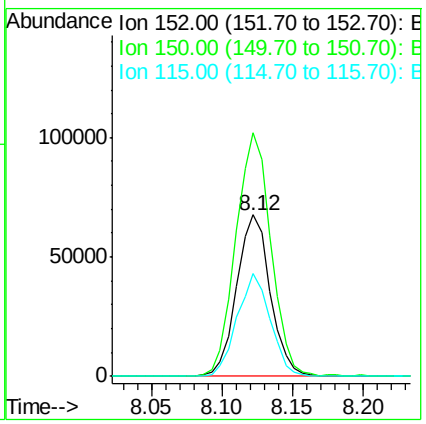


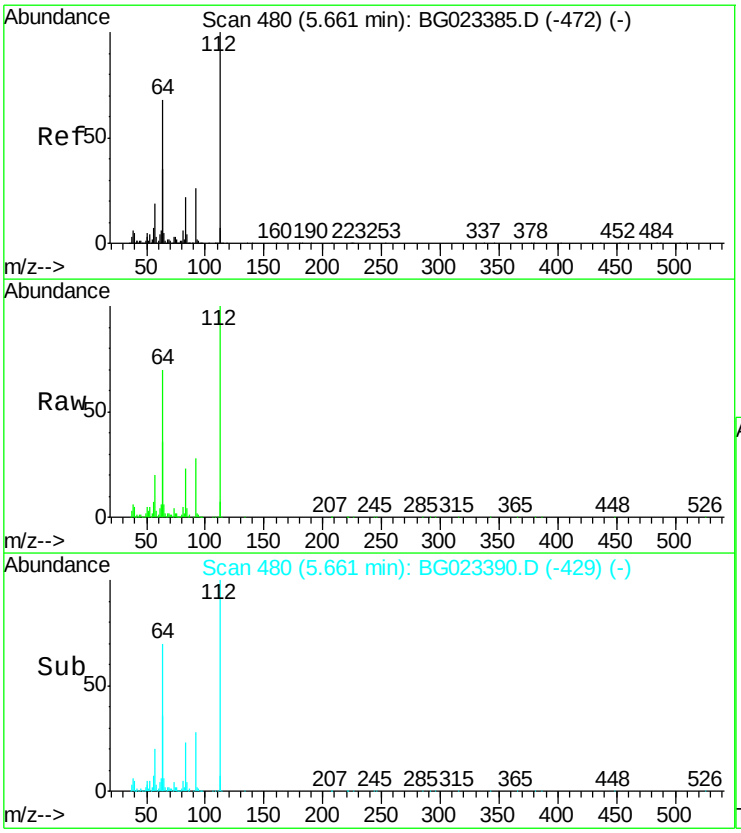
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Instrument :
BNA_G
ClientSampleId :
PB92598BL

Tgt Ion:152 Resp: 112614

Ion	Ratio	Lower	Upper
152	100		
150	151.0	144.7	217.1
115	63.9	64.0	96.0#

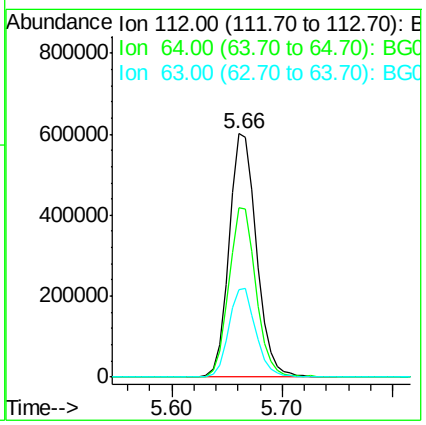


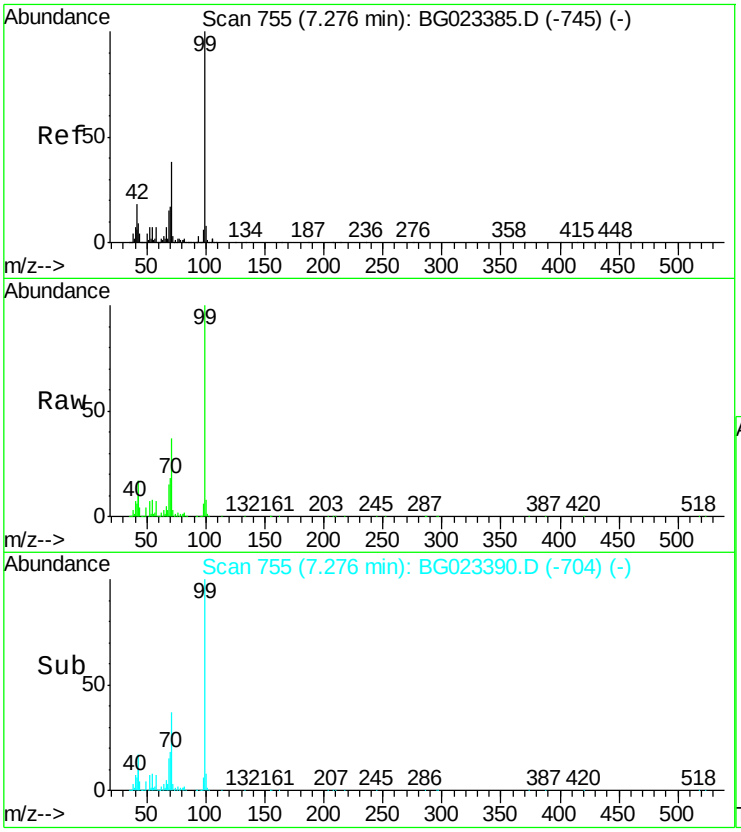


#5
2-Fluorophenol
Concen: 156.95 ng
RT: 5.66 min Scan# 480
Delta R.T. 0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Tgt Ion:112 Resp: 1050030

Ion	Ratio	Lower	Upper
112	100		
64	69.7	59.0	88.4
63	35.8	37.8	56.8#



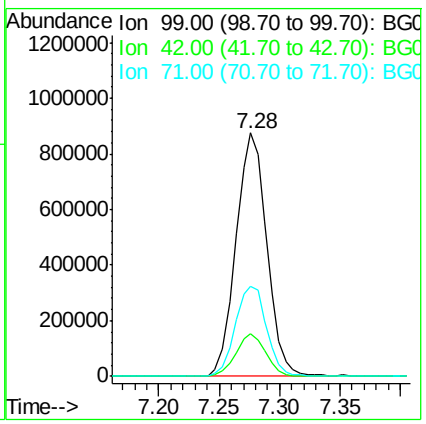


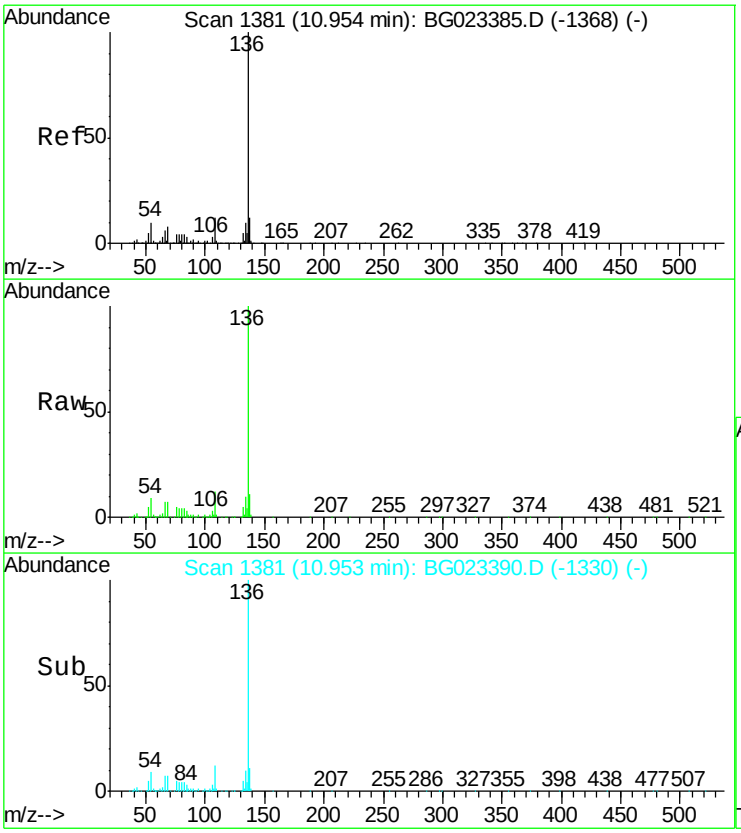
#7
Phenol-d6
Concen: 149.72 ng
RT: 7.28 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Instrument :
BNA_G
ClientSampleId :
PB92598BL

Tgt Ion: 99 Resp: 1560174

Ion	Ratio	Lower	Upper
99	100		
42	17.4	17.8	26.6#
71	36.8	41.5	62.3#

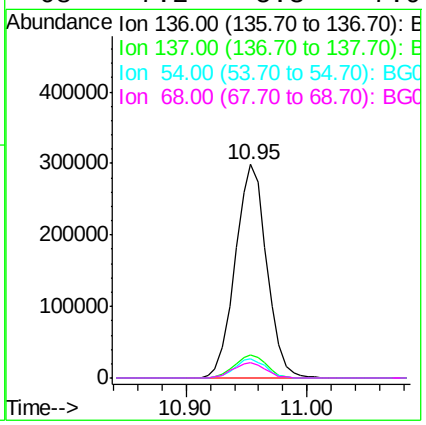


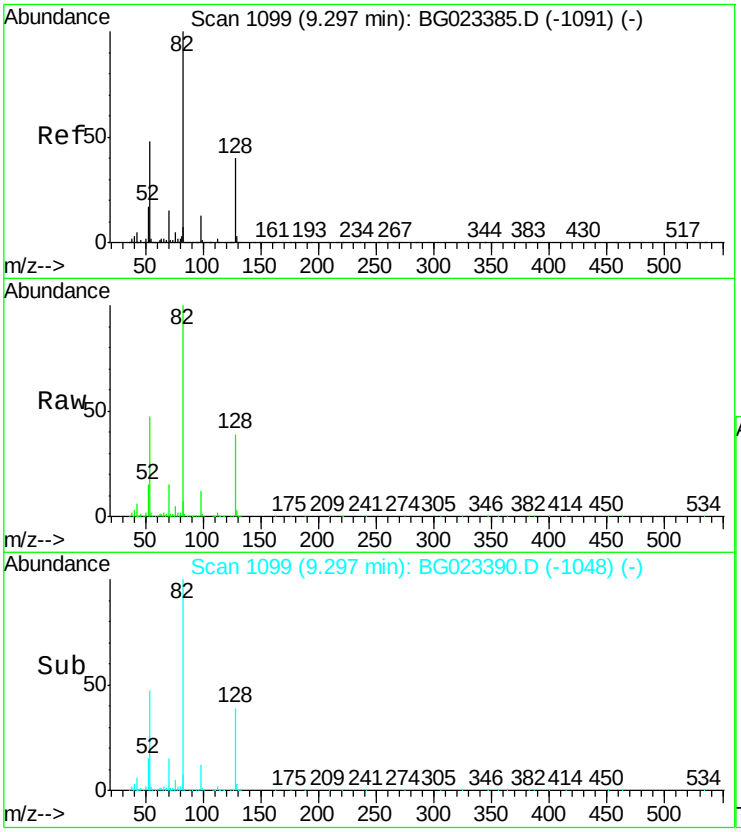


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Tgt Ion:136 Resp: 540794

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	8.9	7.3	10.9
68	7.2	5.3	7.9



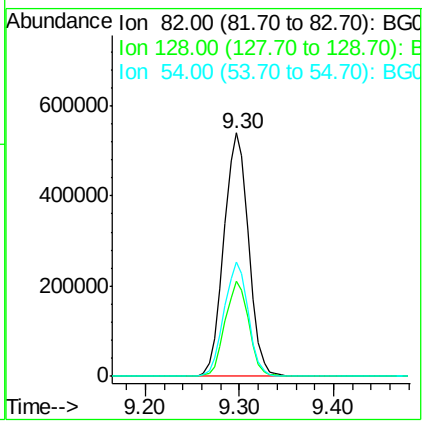


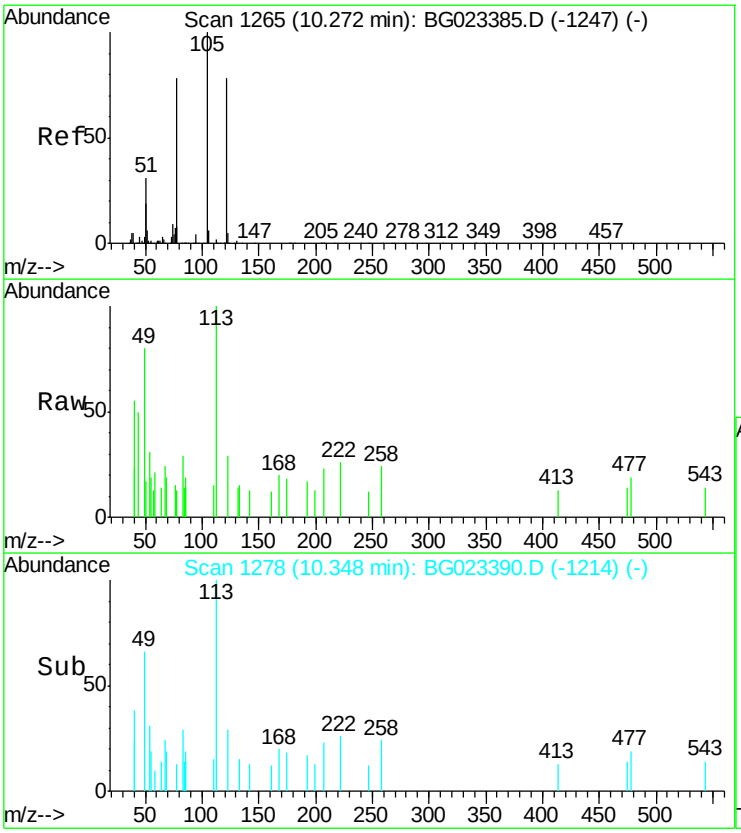
#23
Nitrobenzene-d5
Concen: 90.41 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Instrument :
BNA_G
ClientSampleId :
PB92598BL

Tgt Ion: 82 Resp: 983502

Ion	Ratio	Lower	Upper
82	100		
128	39.0	24.4	36.6#
54	47.2	41.4	62.0

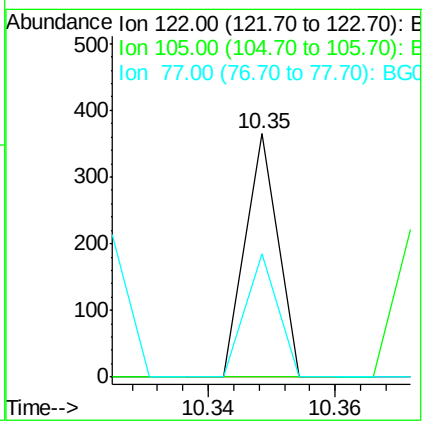


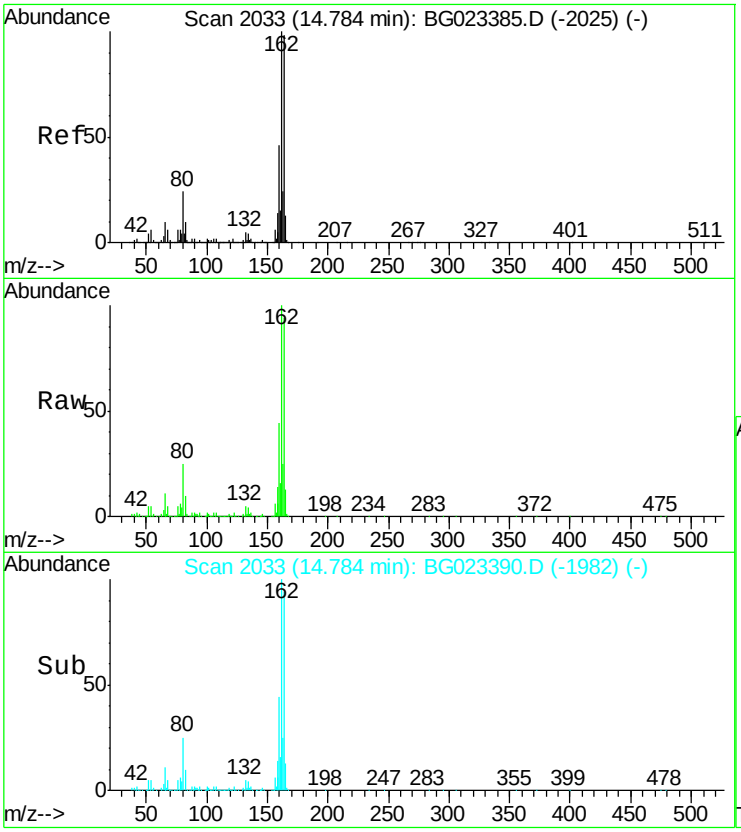


#32
Benzoic acid
Concen: 6.46 ng
RT: 10.35 min Scan# 1278
Delta R.T. 0.08 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Tgt Ion:122 Resp: 129

Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	50.7	109.2	149.2#



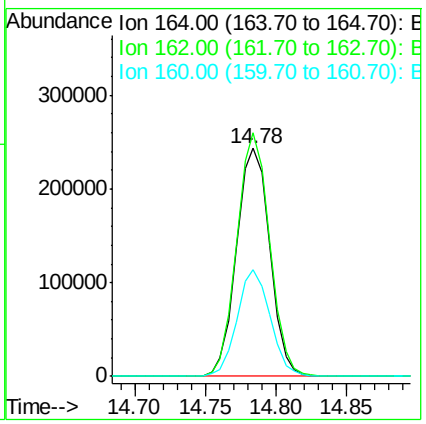


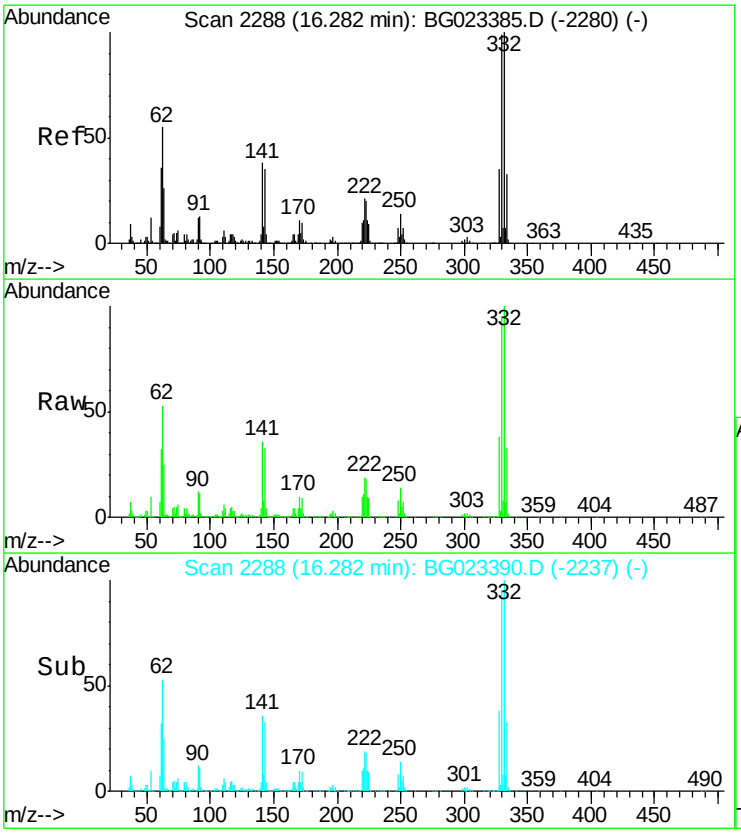
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Instrument :
BNA_G
ClientSampleId :
PB92598BL

Tgt Ion:164 Resp: 400819

Ion	Ratio	Lower	Upper
164	100		
162	106.7	87.7	131.5
160	46.9	37.2	55.8

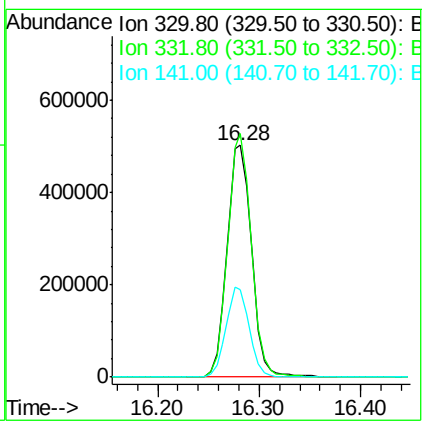


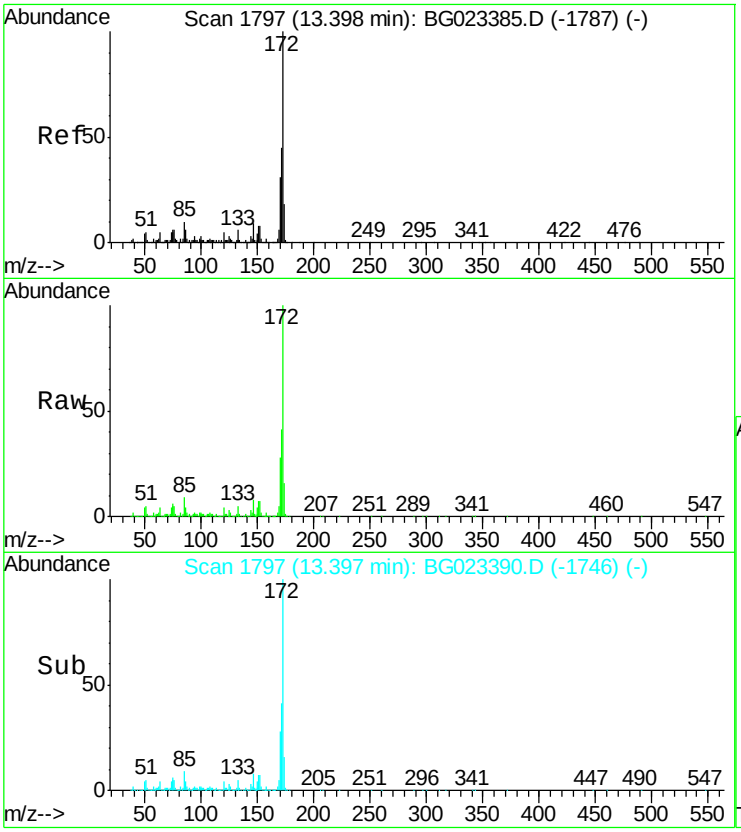


#41
2,4,6-Tribromophenol
Concen: 143.20 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Tgt Ion:330 Resp: 839531

Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.4	116.2
141	36.9	31.7	47.5



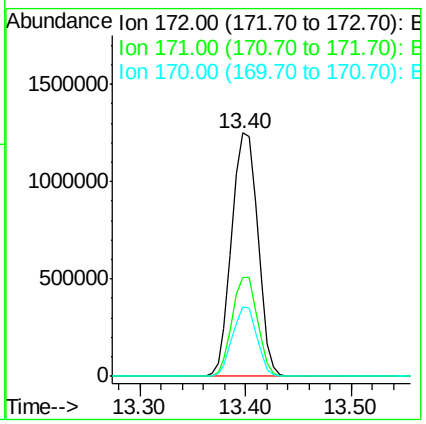


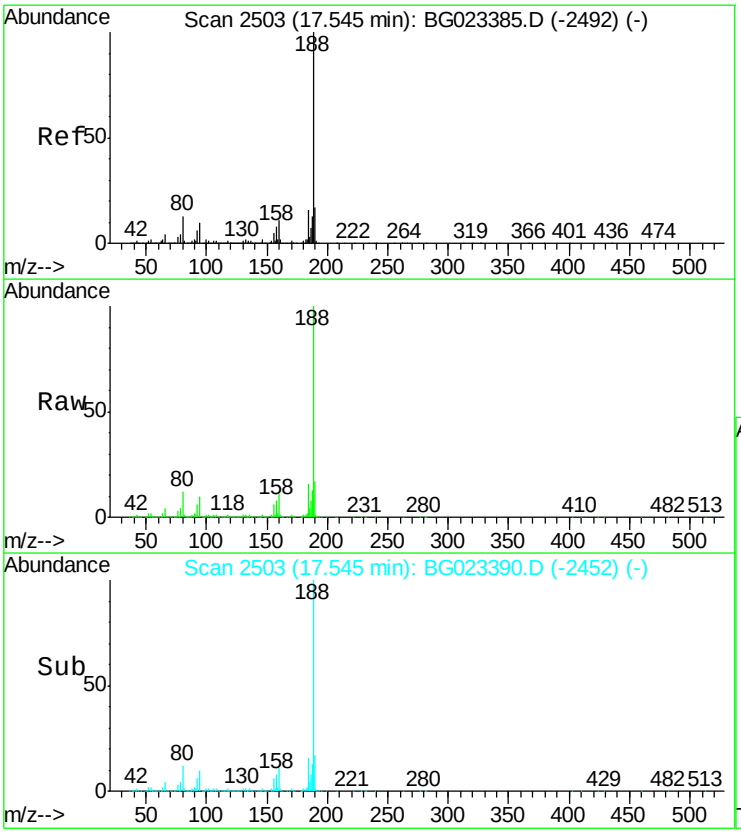
#44
2-Fluorobiphenyl
Concen: 90.23 ng
RT: 13.40 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Instrument :
BNA_G
ClientSampleId :
PB92598BL

Tgt Ion:172 Resp: 2144249

Ion	Ratio	Lower	Upper
172	100		
171	40.6	31.6	47.4
170	28.3	21.3	31.9

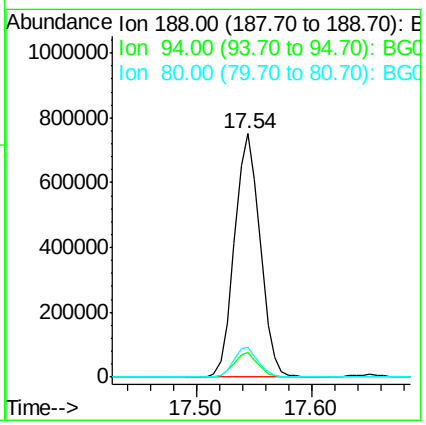


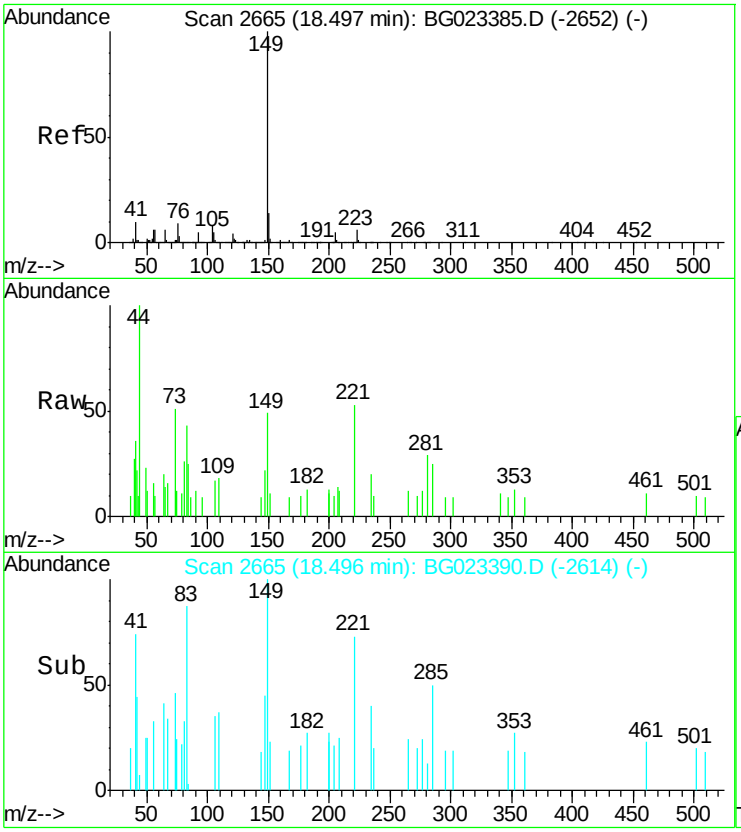


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Tgt Ion:188 Resp: 1155127

Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.2	7.8#
80	12.4	7.2	10.8#



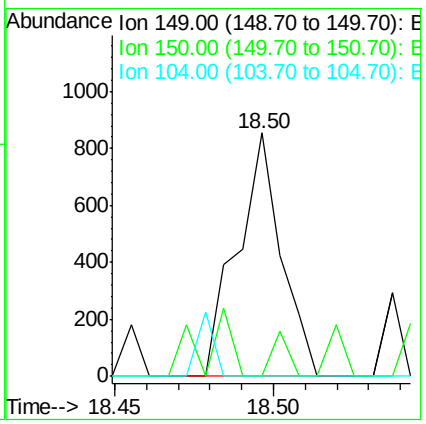


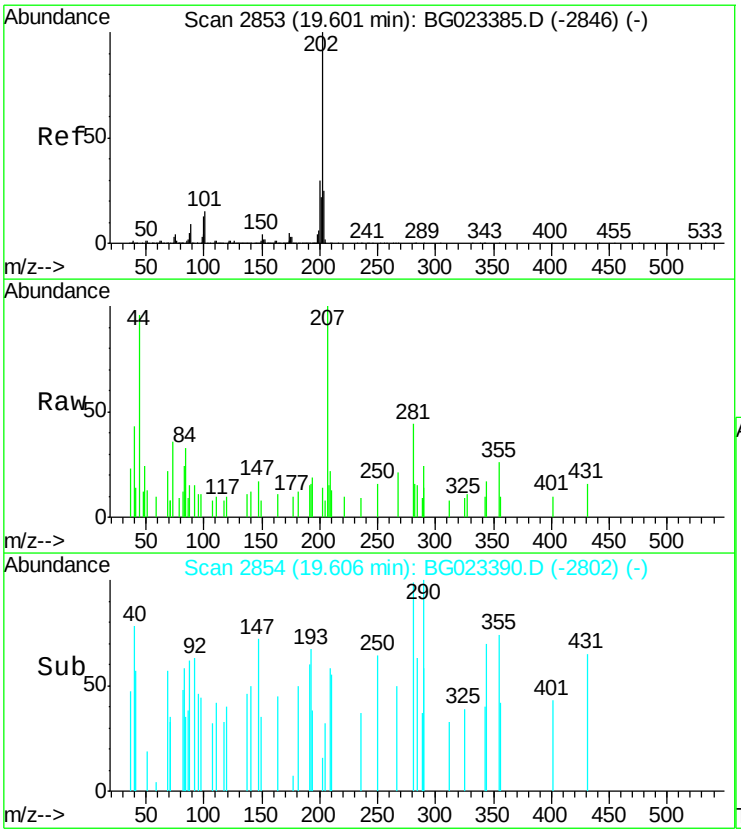
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.50 min Scan# 2665
Delta R.T. 0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Instrument :
BNA_G
ClientSampleId :
PB92598BL

Tgt Ion:149 Resp: 824

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

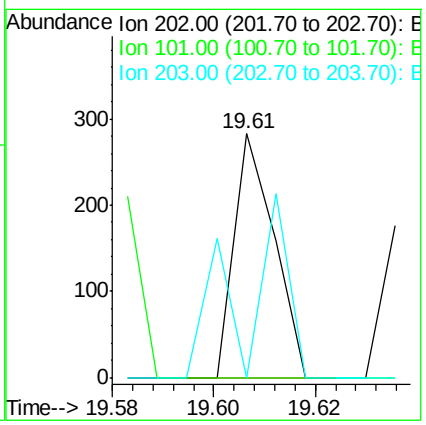


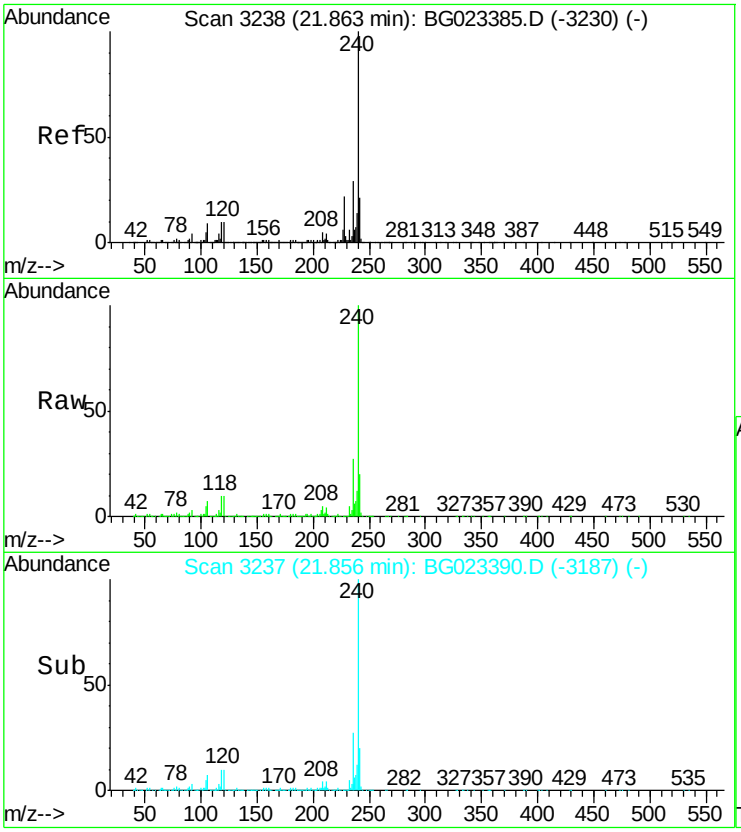


#74
Fluoranthene
Concen: Below Cal
RT: 19.61 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Tgt Ion:202 Resp: 156

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



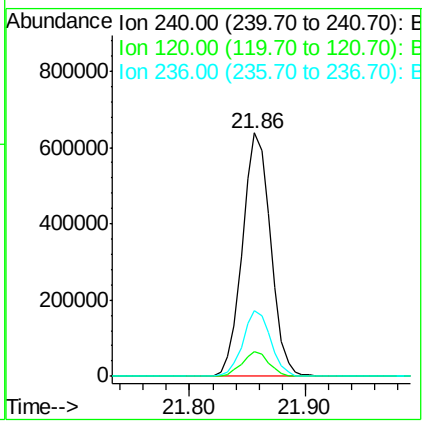


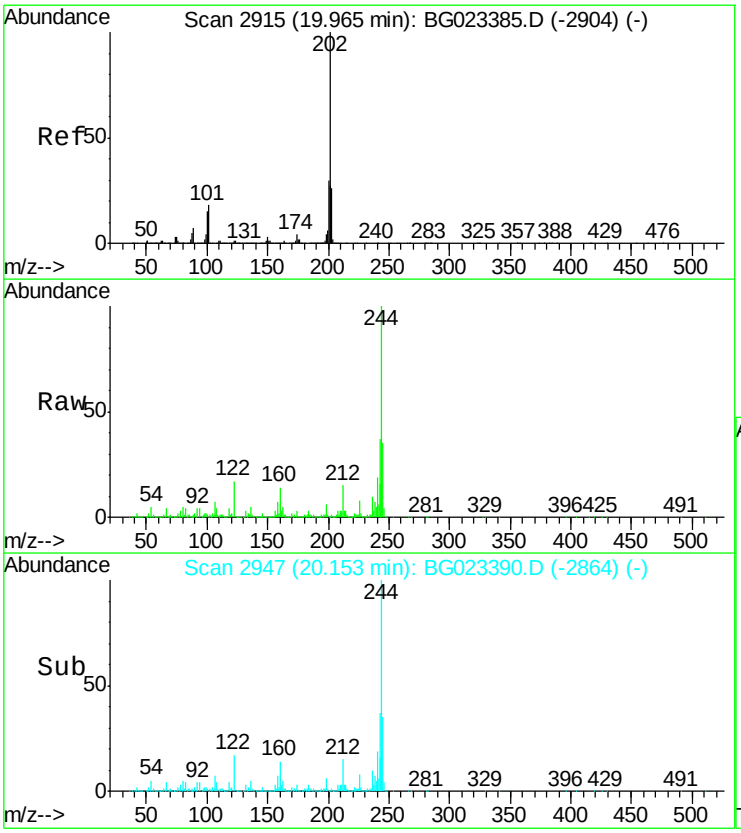
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Instrument :
BNA_G
ClientSampleId :
PB92598BL

Tgt Ion:240 Resp: 1081515

Ion	Ratio	Lower	Upper
240	100		
120	10.2	4.1	6.1#
236	27.2	21.1	31.7

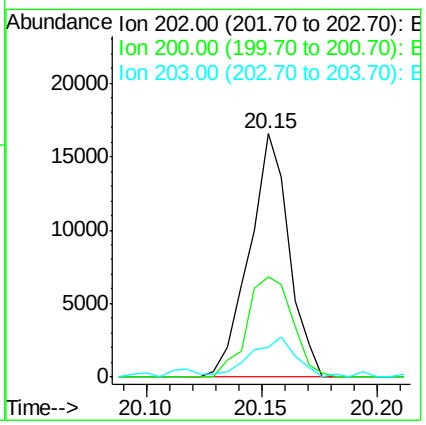


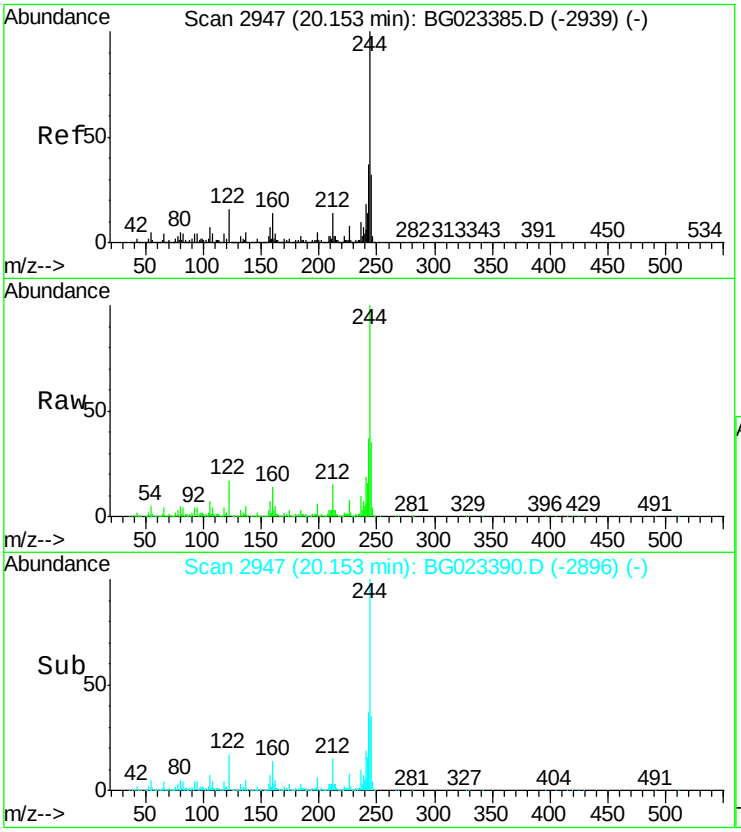


#77
Pyrene
Concen: Below Cal
RT: 20.15 min Scan# 2947
Delta R.T. 0.19 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Tgt Ion:202 Resp: 19802

Ion	Ratio	Lower	Upper
202	100		
200	41.2	21.2	31.8#
203	12.5	16.8	25.2#



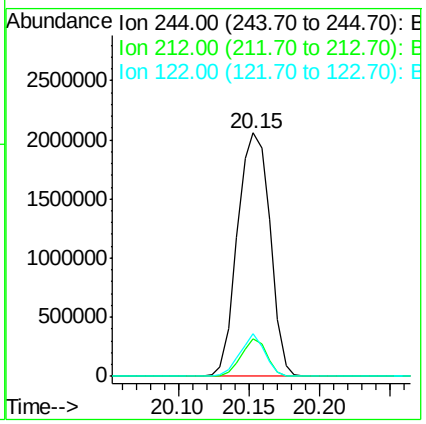


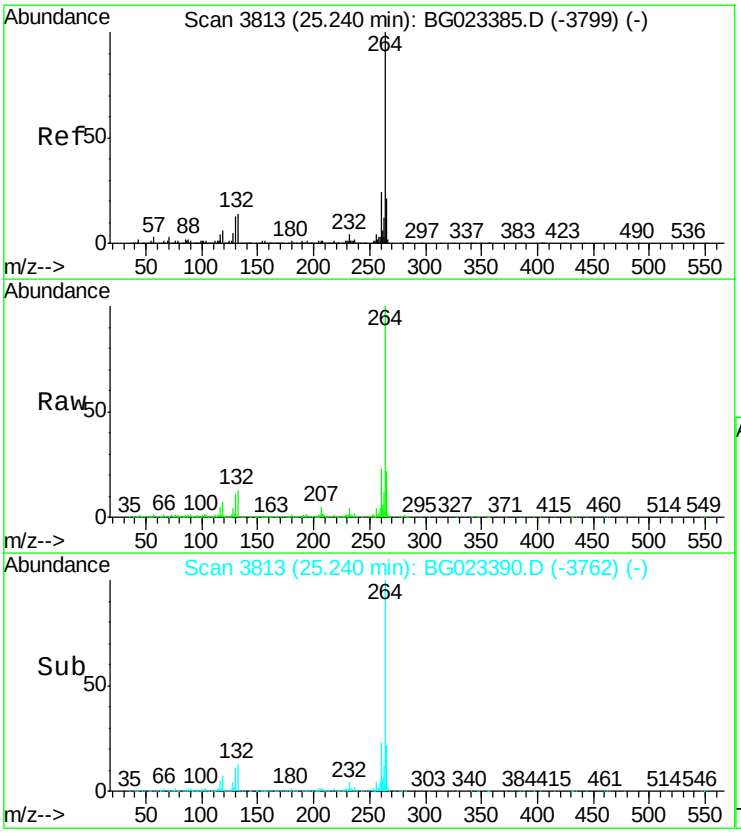
#78
Terphenyl-d14
Concen: 99.40 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Instrument :
BNA_G
ClientSampleId :
PB92598BL

Tgt Ion:244 Resp: 3323084

Ion	Ratio	Lower	Upper
244	100		
212	15.3	10.8	16.2
122	17.4	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BG023390.D
Acq: 1 Aug 2016 20:38

Tgt Ion:264 Resp: 1023167

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	21.8	18.9	28.3