Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
Data File : BG023941.D
Acq On : 1 Sep 2016 20:27
Operator : UM/SJ
Sample : H4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-68-083016

Quant Time: Sep 02 01:21:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	24191	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	109361	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	86373	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	249122	20.00	ng	0.00
75) Chrysene-d12	21.84	240	276102	20.00	ng	0.00
86) Perylene-d12	25.21	264	278439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	138710	100.67	ng	0.00
7) Phenol-d6	7.26	99	190185	89.67	ng	0.00
23) Nitrobenzene-d5	9.27	82	173427	70.80	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	211057	135.63	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	425935	70.70	ng	0.00
78) Terphenyl-d14	20.13	244	1202749	99.21	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.97	128	17964	3.19	ng	97

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

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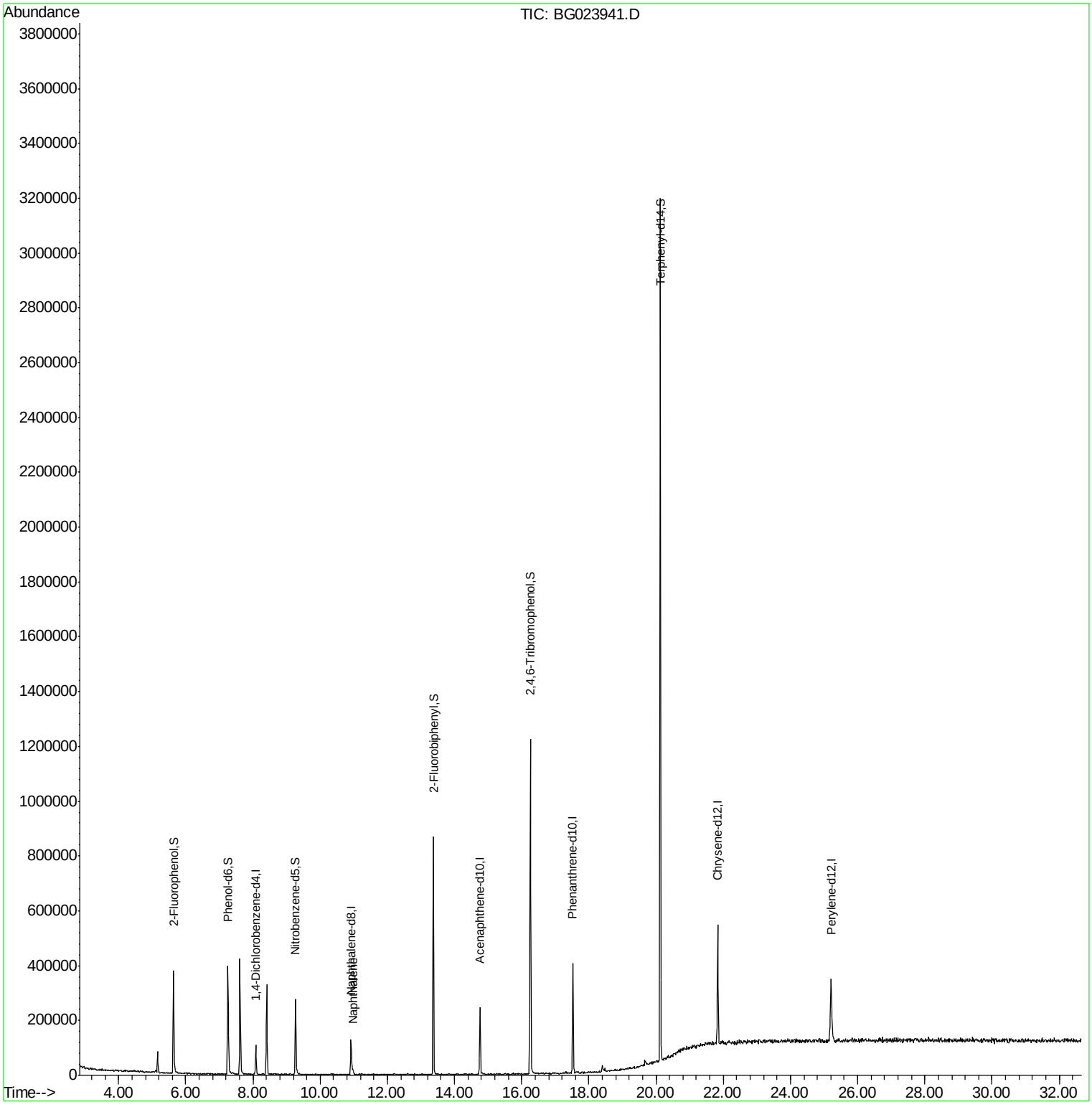
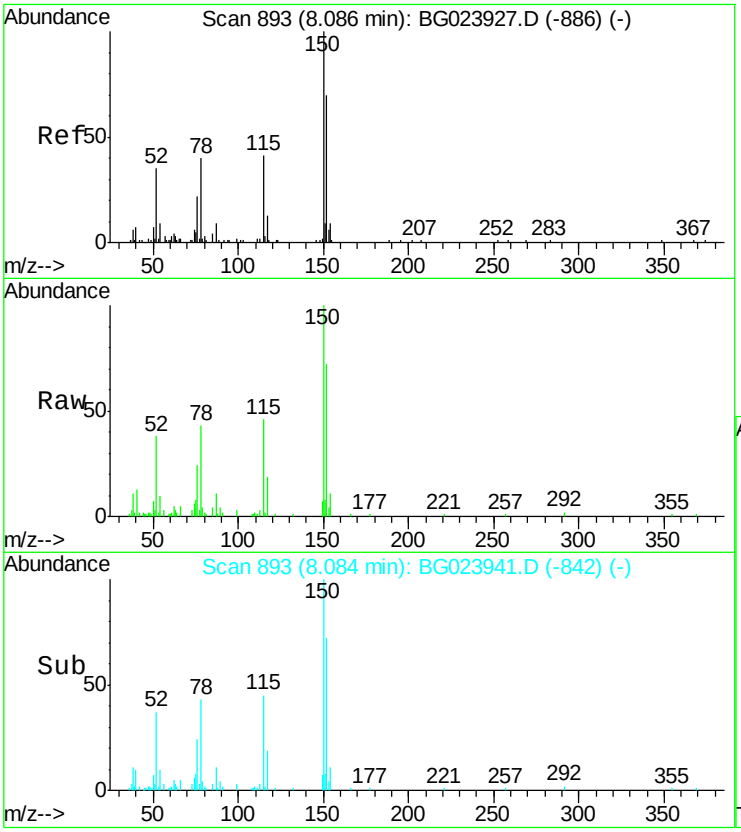


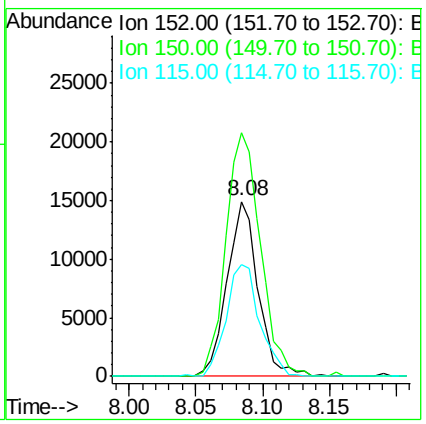


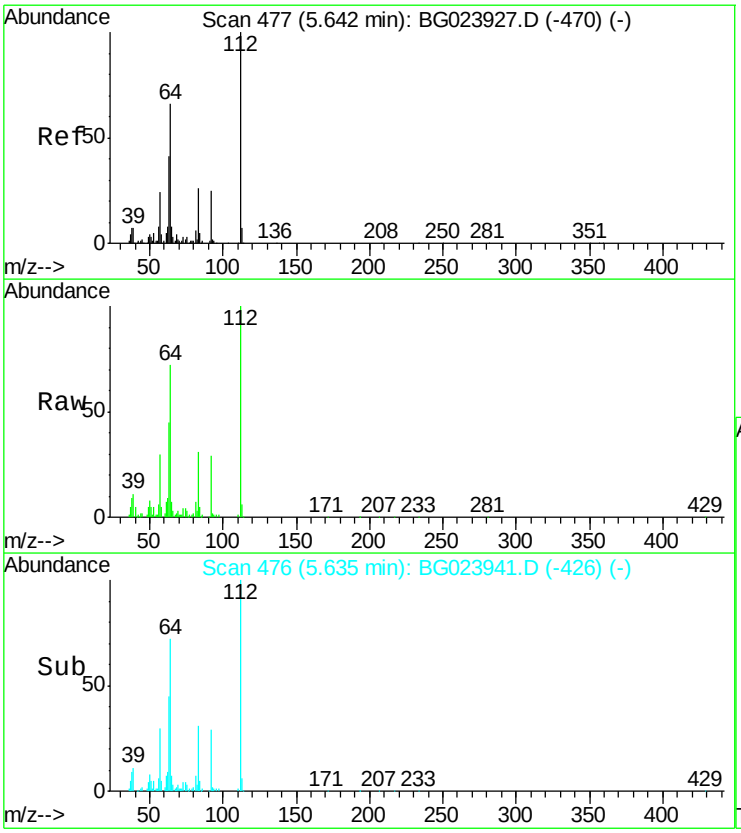
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

Tgt Ion:152 Resp: 24191

Ion	Ratio	Lower	Upper
152	100		
150	139.2	144.7	217.1#
115	63.9	64.0	96.0#

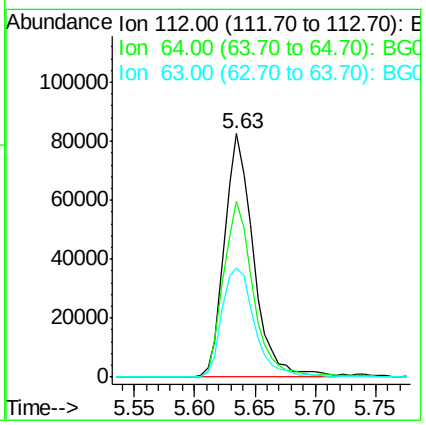


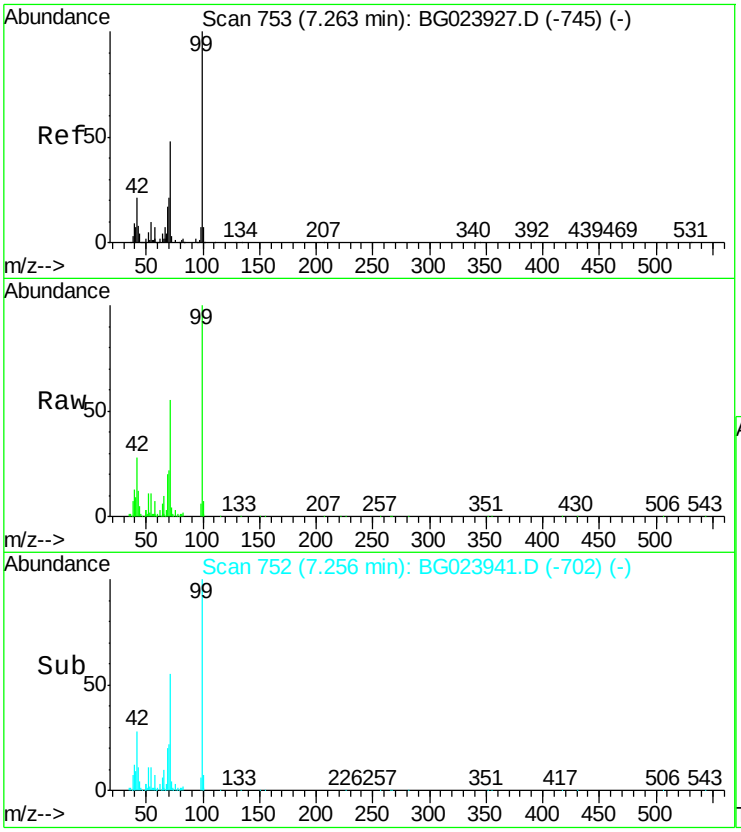


#5
2-Fluorophenol
Concen: 100.67 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Tgt Ion:112 Resp: 138710

Ion	Ratio	Lower	Upper
112	100		
64	72.0	59.0	88.4
63	45.1	37.8	56.8



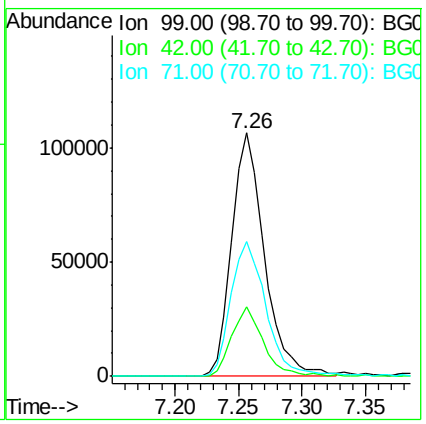


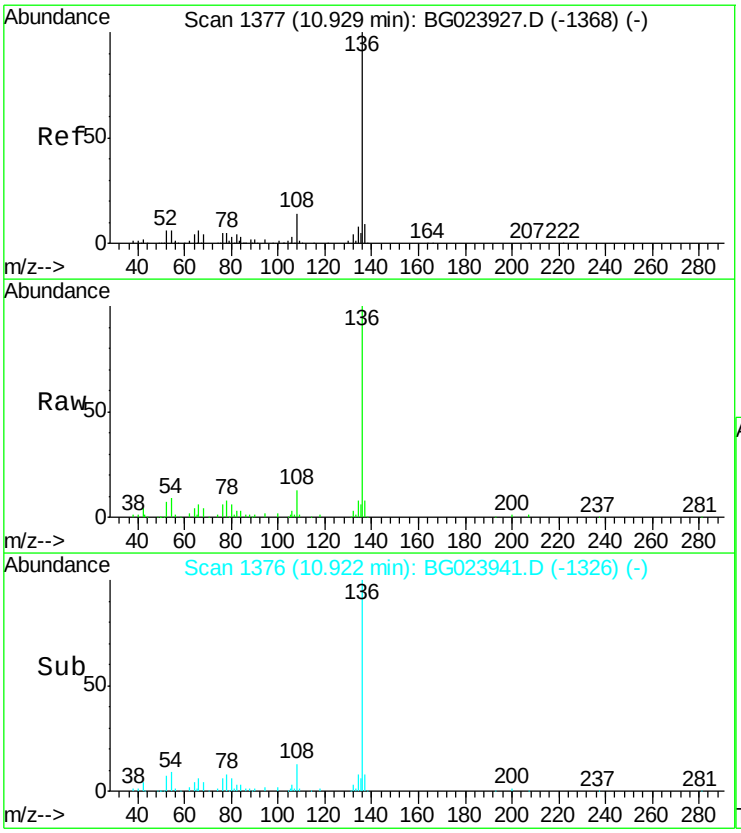
#7
Phenol-d6
Concen: 89.67 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

Tgt Ion: 99 Resp: 190185

Ion	Ratio	Lower	Upper
99	100		
42	28.4	17.8	26.6#
71	55.5	41.5	62.3

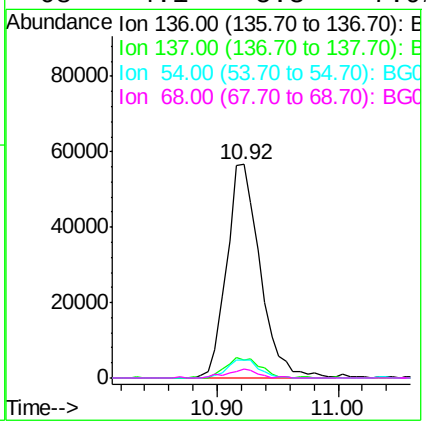


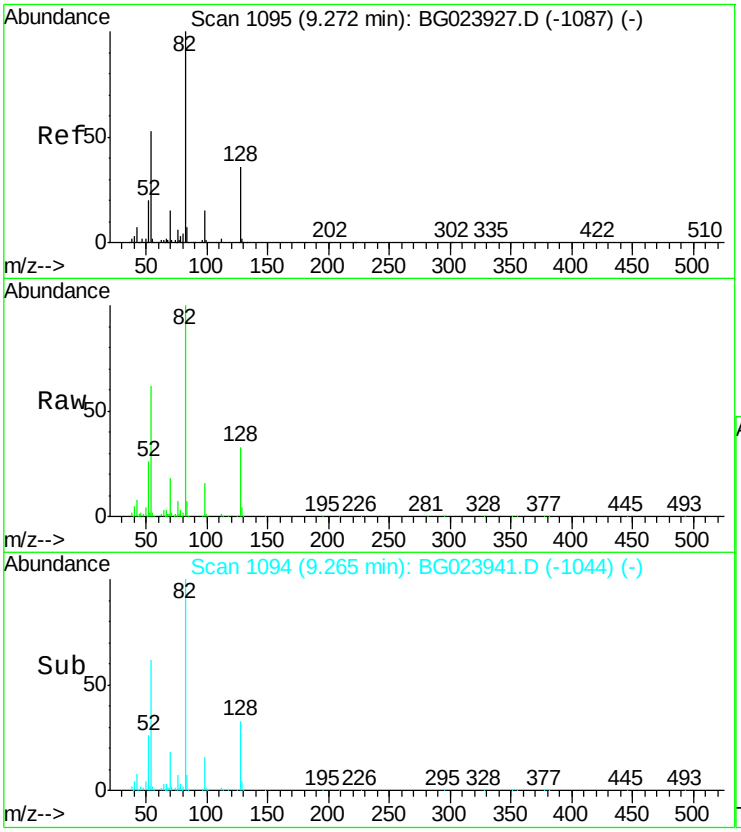


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Tgt Ion:136 Resp: 109361

Ion	Ratio	Lower	Upper
136	100		
137	8.3	9.6	14.4#
54	8.6	7.3	10.9
68	4.1	5.3	7.9#



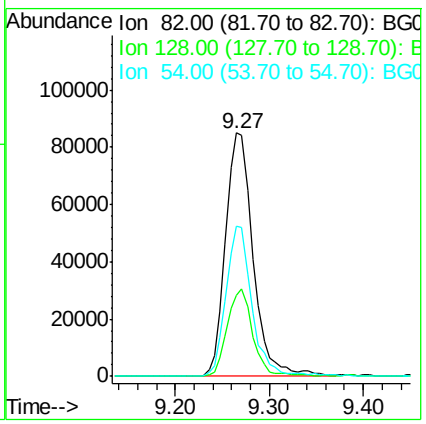


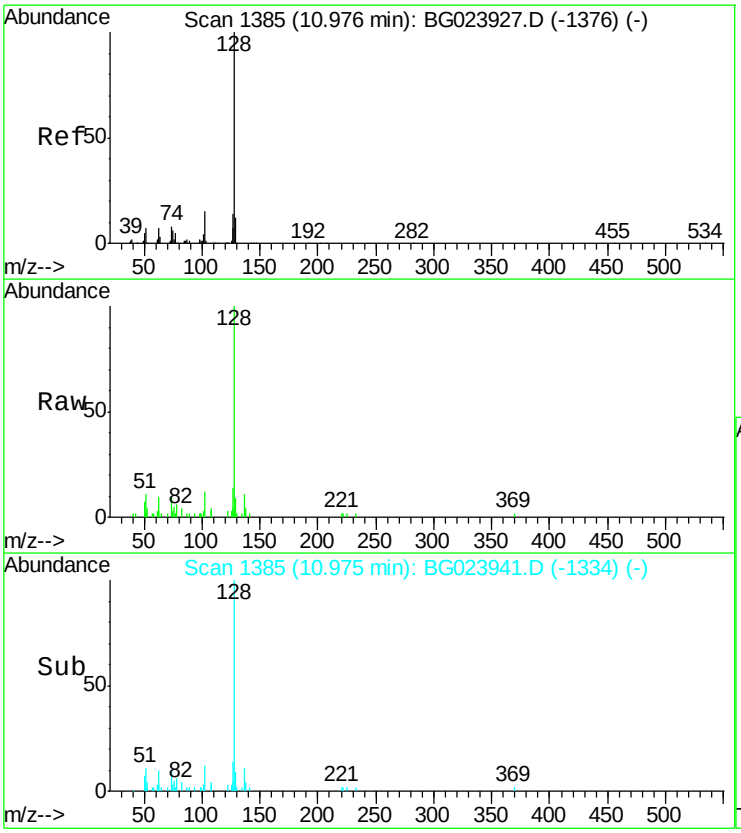
#23
Nitrobenzene-d5
Concen: 70.80 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

Tgt Ion: 82 Resp: 173427

Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	61.7	41.4	62.0

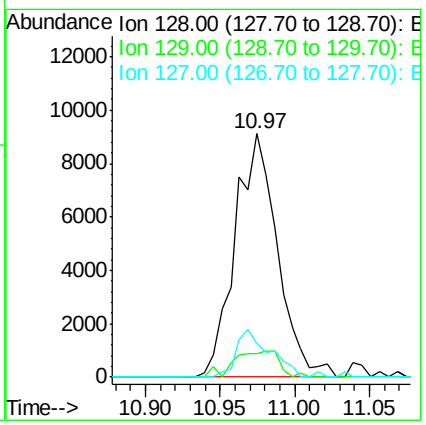


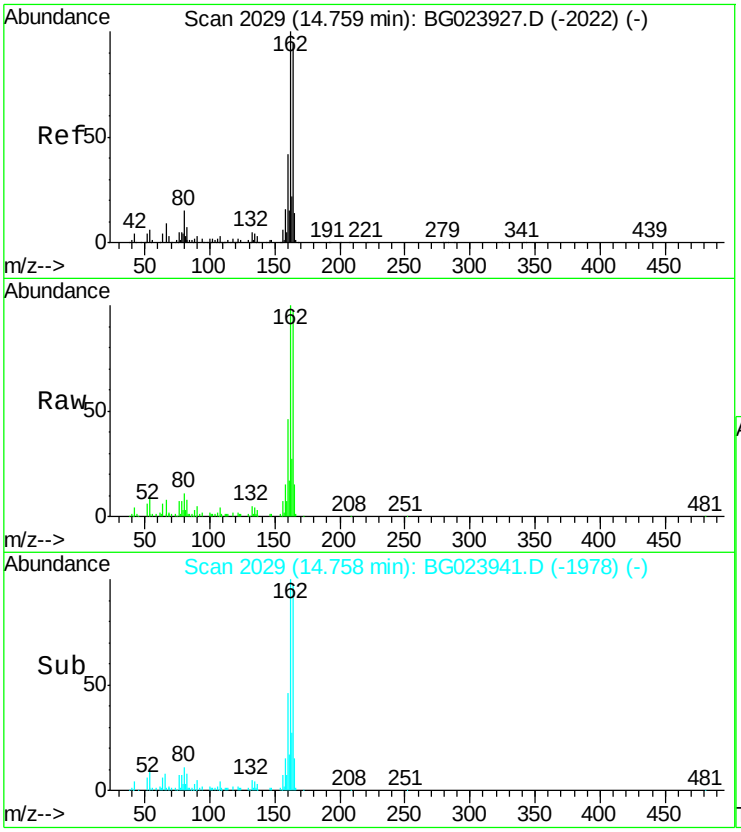


#31
Naphthalene
Concen: 3.19 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Tgt Ion:128 Resp: 17964

Ion	Ratio	Lower	Upper
128	100		
129	9.4	9.4	14.0
127	13.9	11.3	16.9



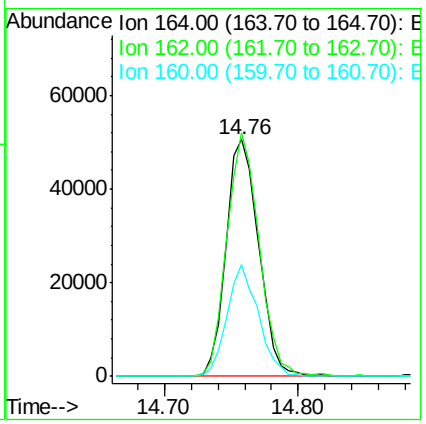


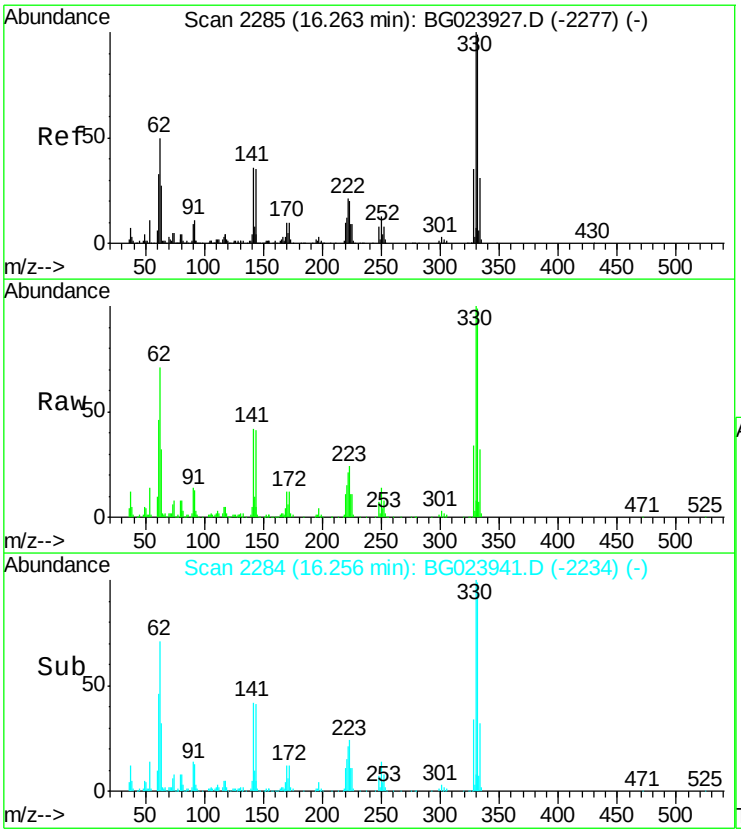
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

Tgt Ion:164 Resp: 86373

Ion	Ratio	Lower	Upper
164	100		
162	102.8	87.7	131.5
160	47.4	37.2	55.8

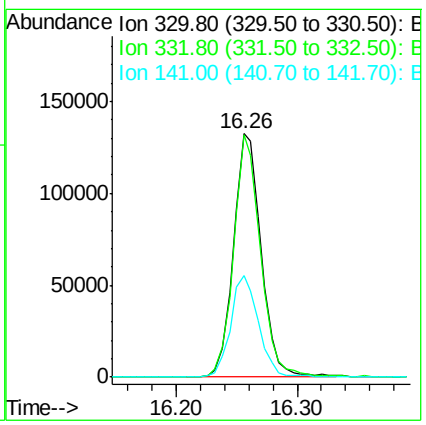


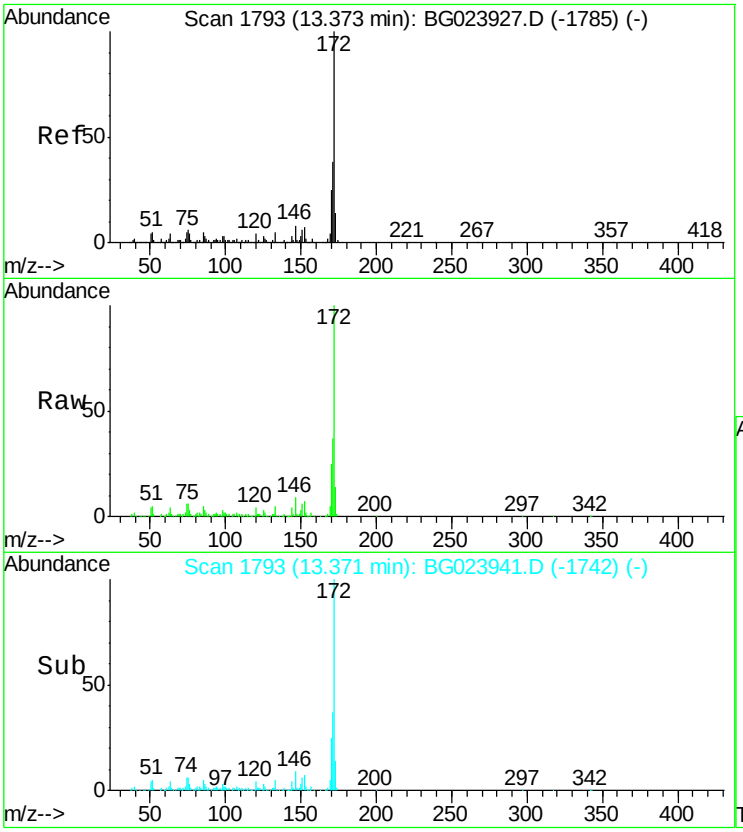


#41
2,4,6-Tribromophenol
Concen: 135.63 ng
RT: 16.26 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Tgt Ion:330 Resp: 211057

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	41.8	31.7	47.5



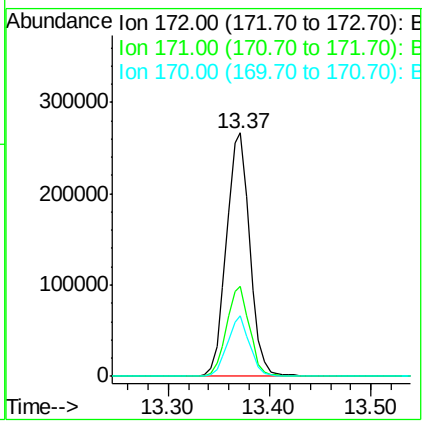


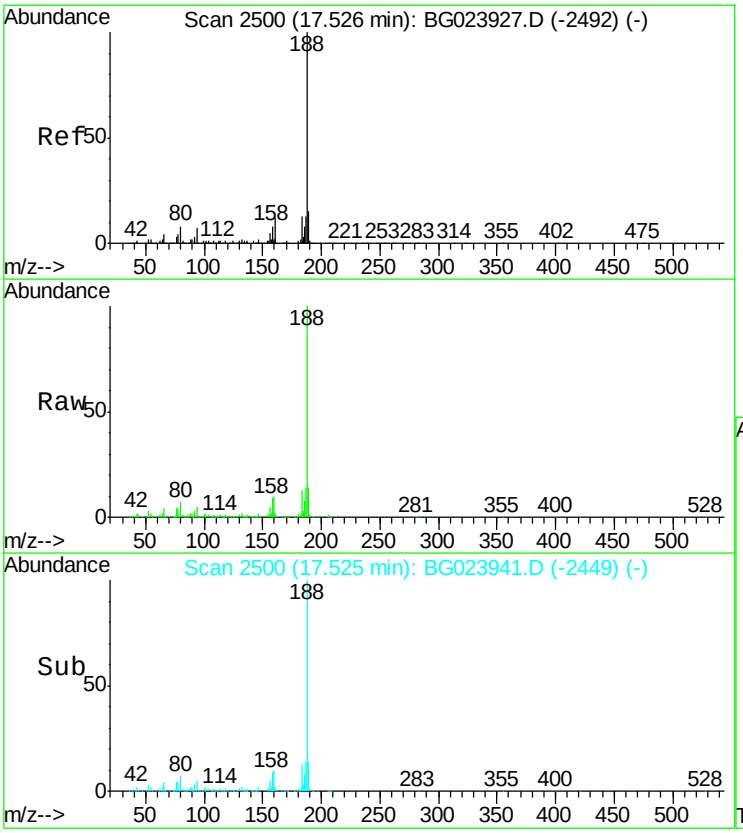
#44
2-Fluorobiphenyl
Concen: 70.70 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

Tgt Ion:172 Resp: 425935

Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.6	47.4
170	24.7	21.3	31.9

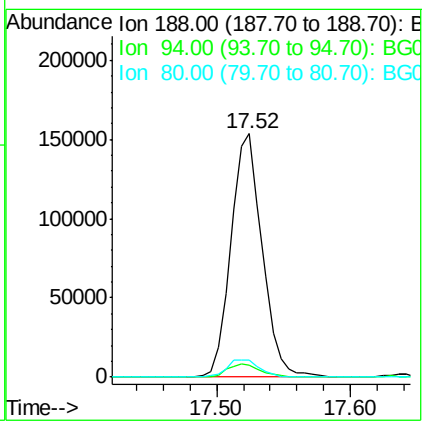


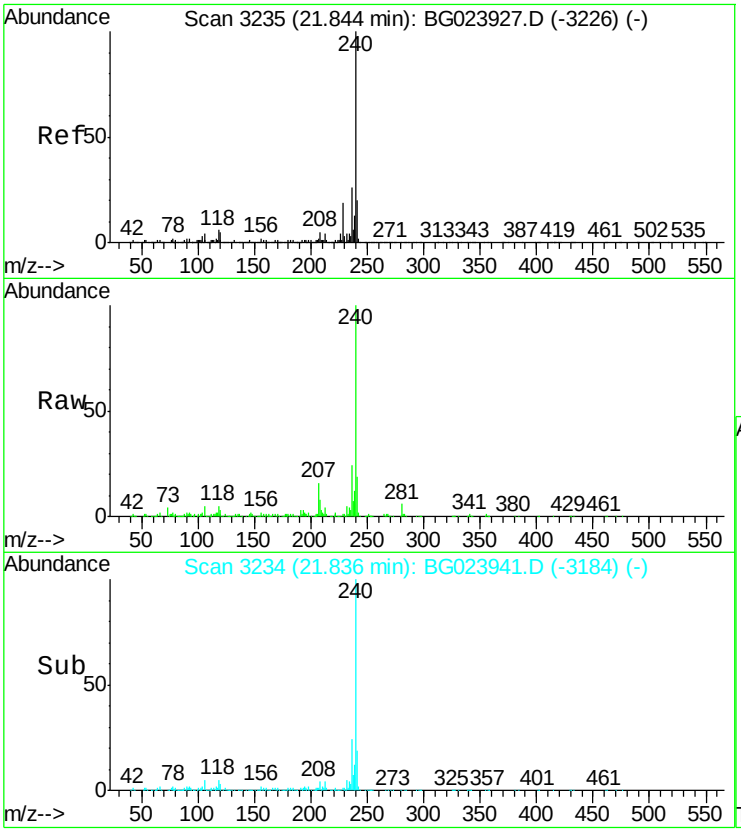


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Tgt Ion:188 Resp: 249122

Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.2	7.8#
80	6.8	7.2	10.8#



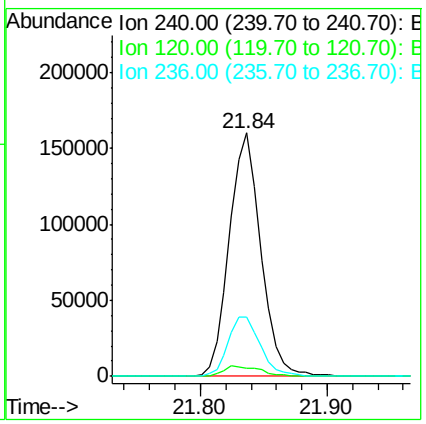


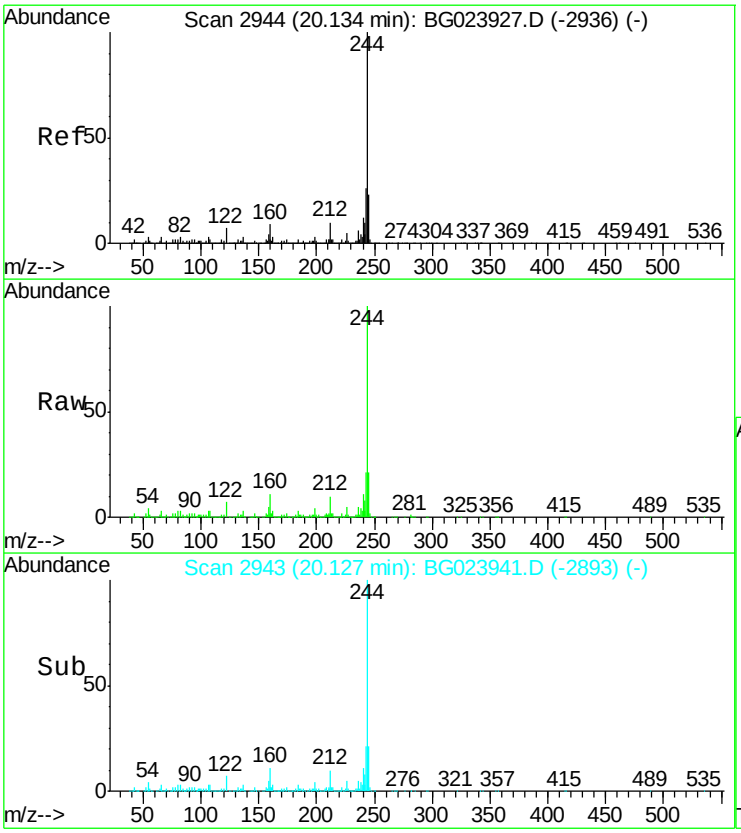
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

Tgt Ion:240 Resp: 276102

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.1	6.1#
236	24.2	21.1	31.7

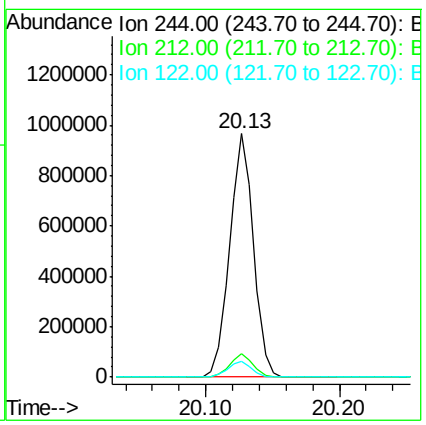


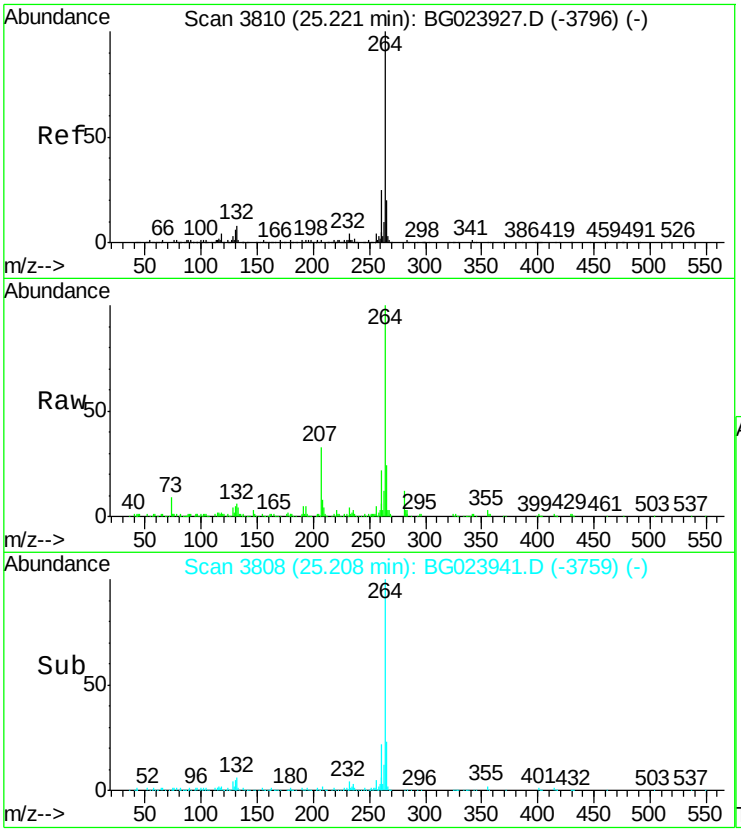


#78
Terphenyl-d14
Concen: 99.21 ng
RT: 20.13 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Tgt Ion:244 Resp: 1202749

Ion	Ratio	Lower	Upper
244	100		
212	9.8	10.8	16.2#
122	6.7	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. -0.01 min
Lab File: BG023941.D
Acq: 1 Sep 2016 20:27

Instrument :
BNA_G
ClientSampleId :
HSR-WC-68-083016

Tgt Ion:264 Resp: 278439

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	24.4	18.9	28.3