Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023920.D
Acq On : 26 Aug 2016 11:15
Operator : UM/SJ
Sample : PB93089TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93089TB

Quant Time: Aug 26 12:58:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 11:26:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	126066	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	517913	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	343024	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	835249	20.00	ng	0.00
75) Chrysene-d12	21.85	240	887527	20.00	ng	0.00
86) Perylene-d12	25.24	264	827832	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	802338	107.13	ng	0.00
7) Phenol-d6	7.26	99	1162832	99.68	ng	0.00
23) Nitrobenzene-d5	9.27	82	776020	74.49	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	464370	92.55	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1538409	75.64	ng	0.00
78) Terphenyl-d14	20.14	244	2225834	68.42	ng	0.00

Target Compounds	Qvalue

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

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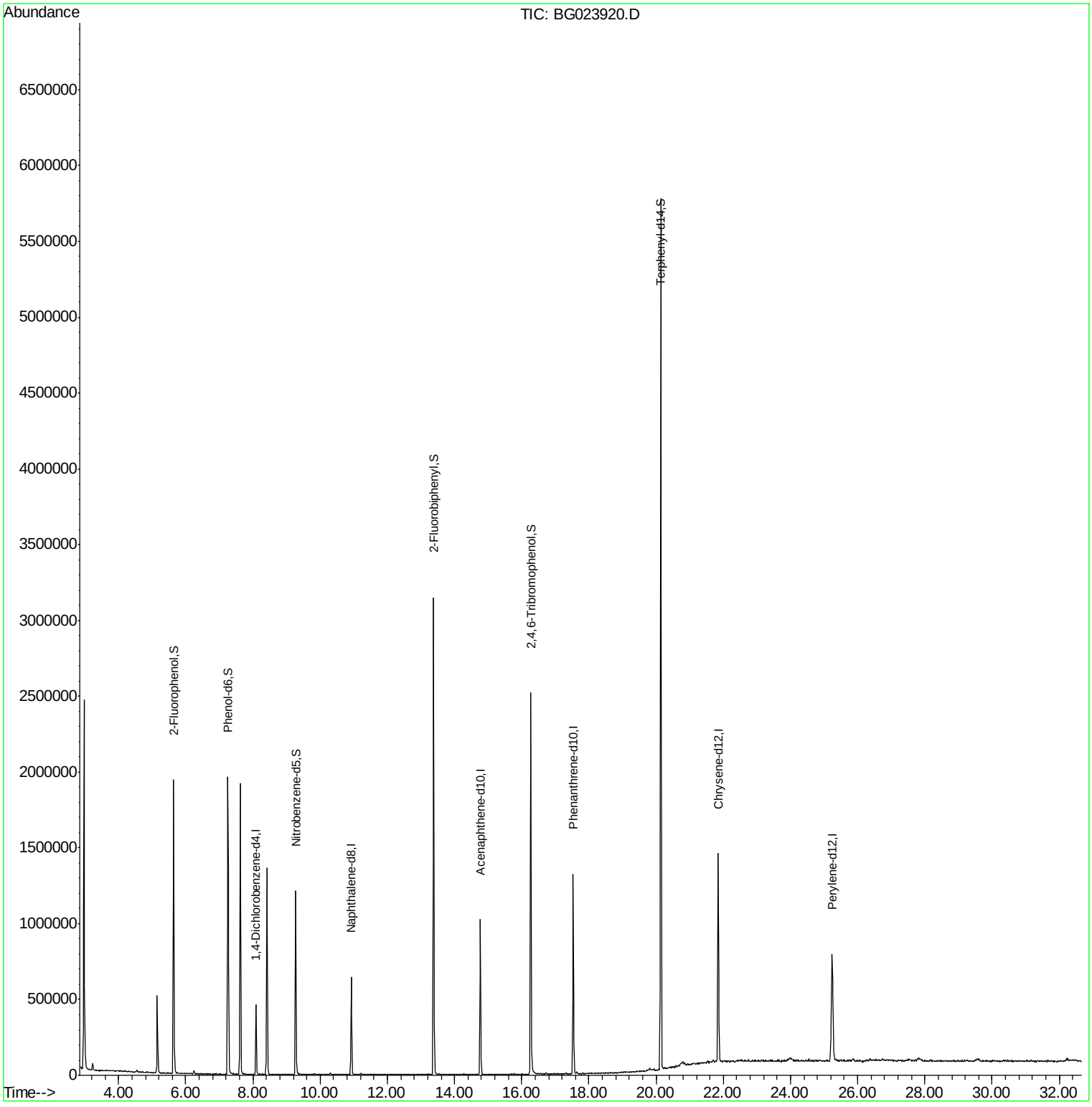
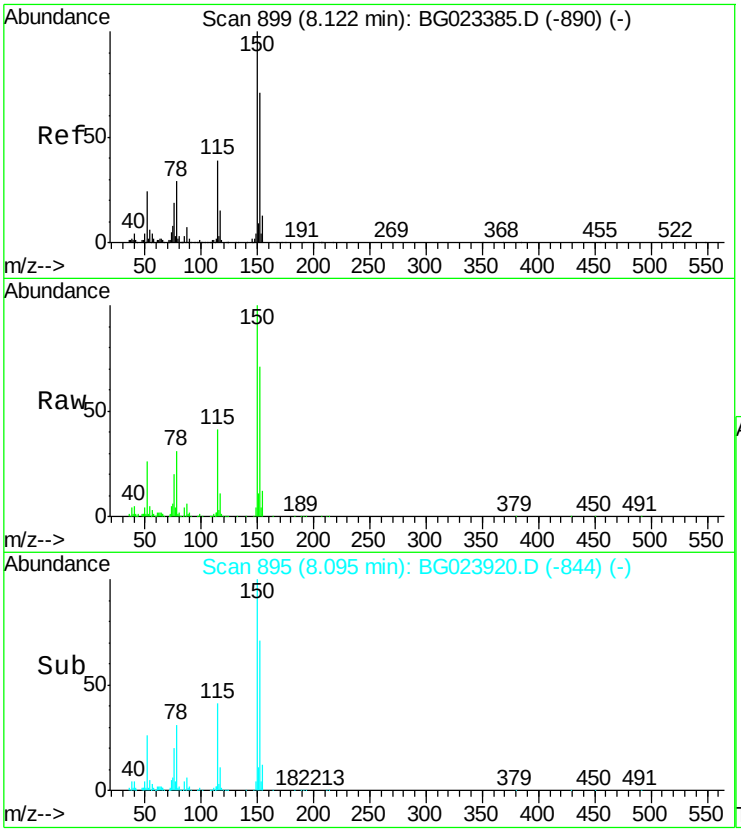


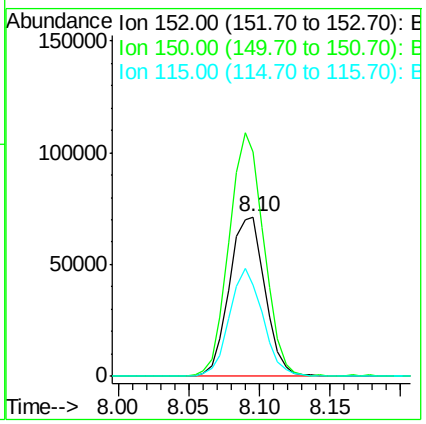


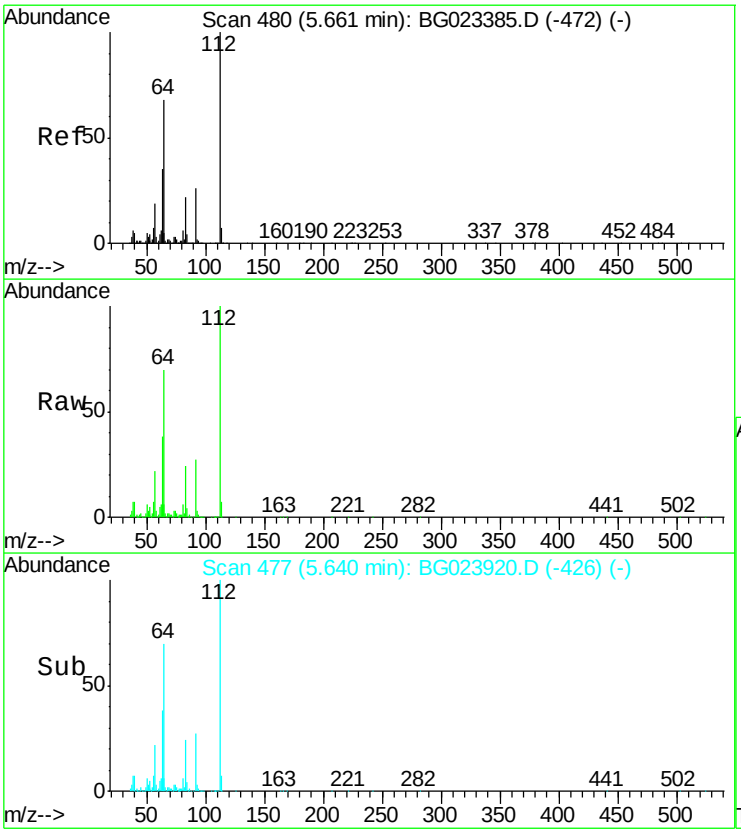
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Instrument :
BNA_G
ClientSampleId :
PB93089TB

Tgt Ion:152 Resp: 126066

Ion	Ratio	Lower	Upper
152	100		
150	140.8	144.7	217.1#
115	57.2	64.0	96.0#

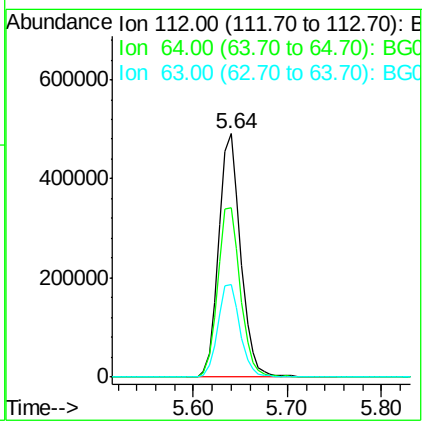


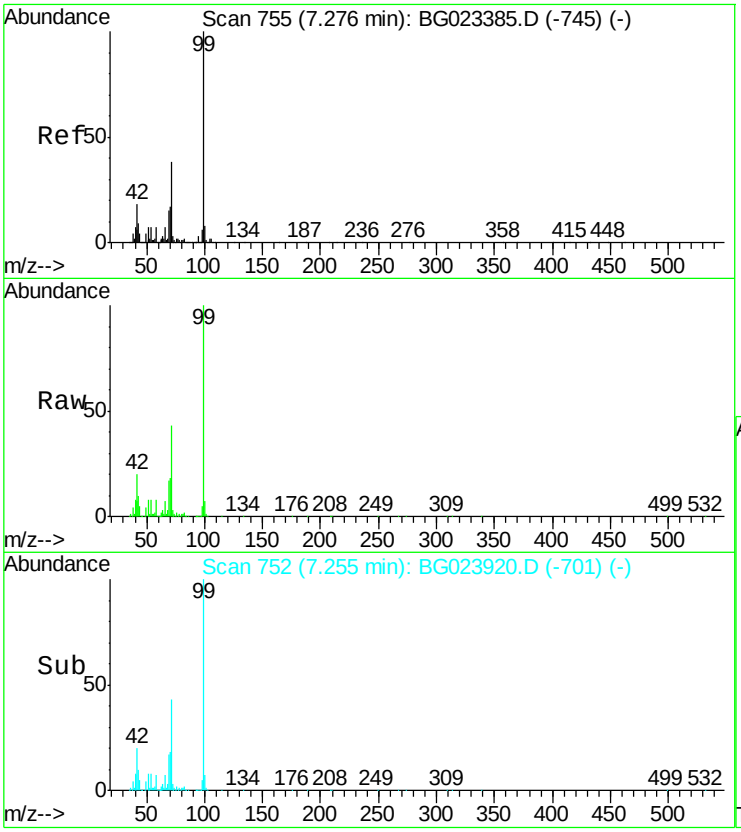


#5
2-Fluorophenol
Concen: 107.13 ng
RT: 5.64 min Scan# 477
Delta R.T. 0.00 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Tgt Ion:112 Resp: 802338

Ion	Ratio	Lower	Upper
112	100		
64	69.8	59.0	88.4
63	38.2	37.8	56.8



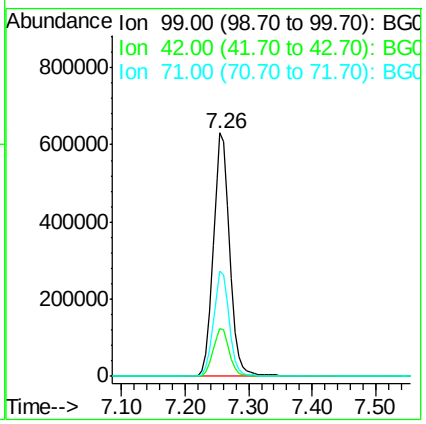


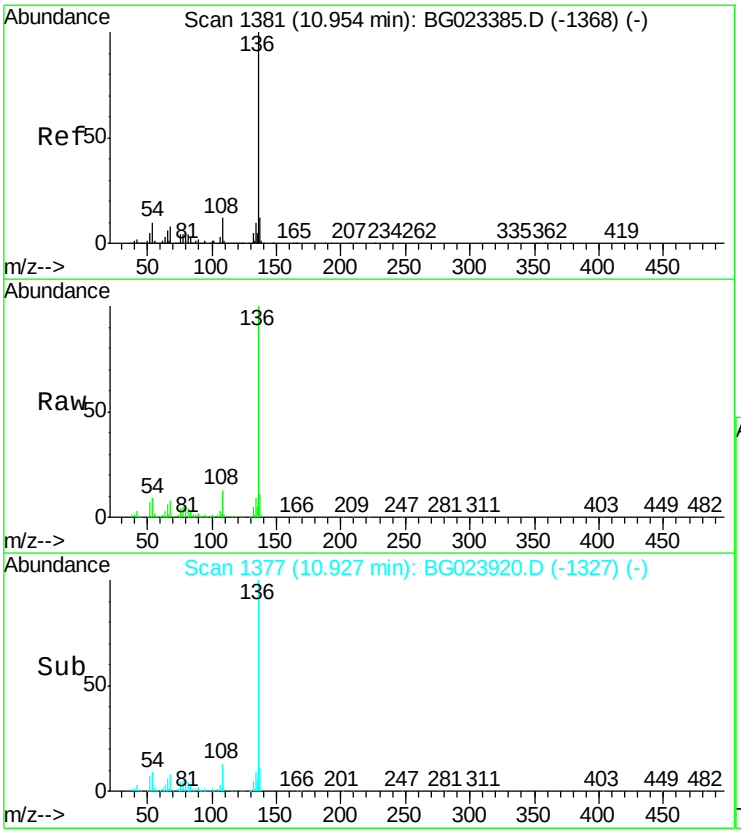
#7
Phenol-d6
Concen: 99.68 ng
RT: 7.26 min Scan# 752
Delta R.T. 0.00 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Instrument :
BNA_G
ClientSampleId :
PB93089TB

Tgt Ion: 99 Resp: 1162832

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.8	26.6
71	43.2	41.5	62.3

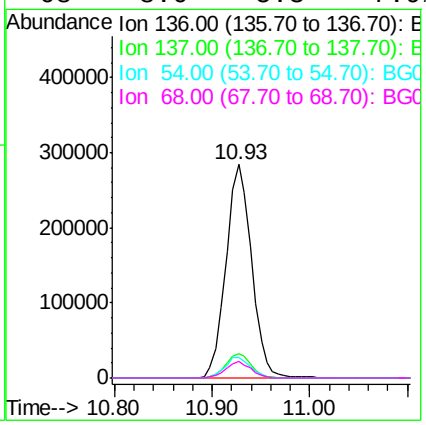


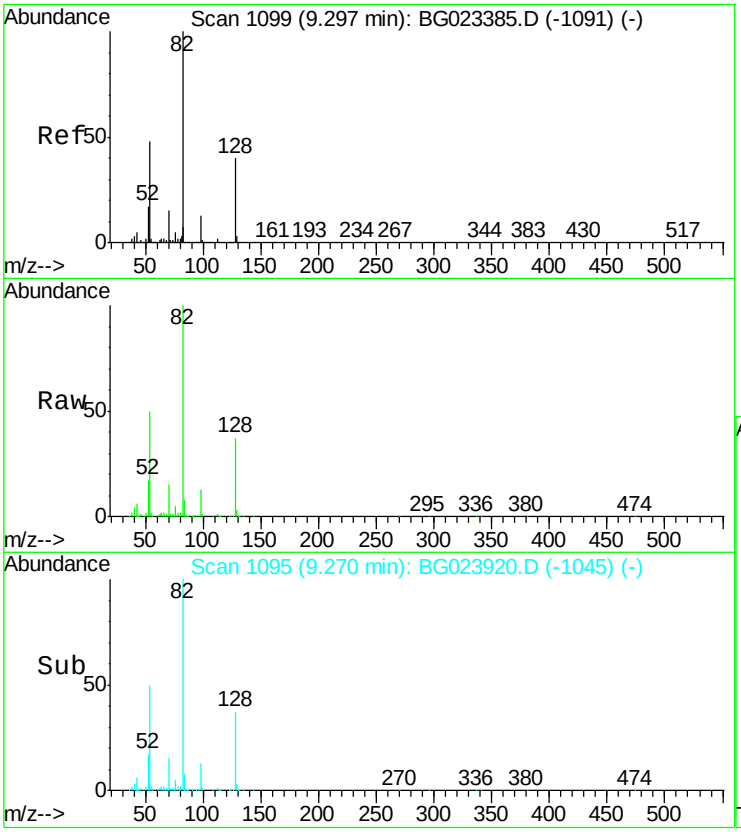


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Tgt Ion:136 Resp: 517913

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.5	7.3	10.9
68	8.0	5.3	7.9#



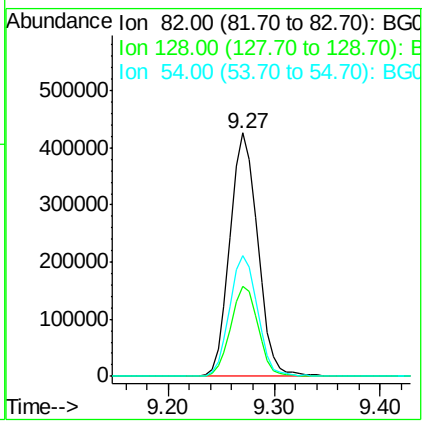


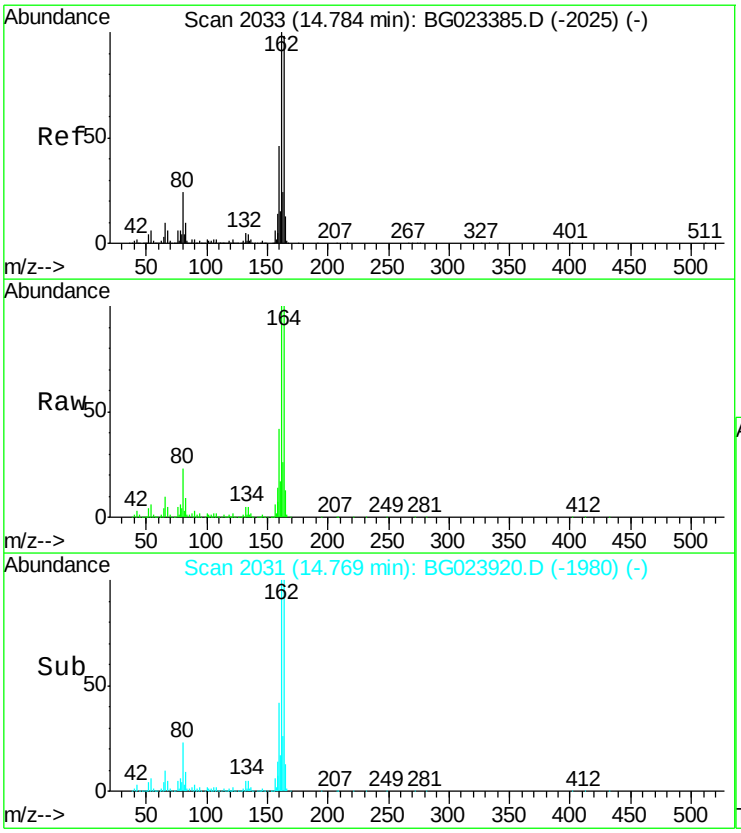
#23
Nitrobenzene-d5
Concen: 74.49 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Instrument :
BNA_G
ClientSampleId :
PB93089TB

Tgt Ion: 82 Resp: 776020

Ion	Ratio	Lower	Upper
82	100		
128	36.9	24.4	36.6#
54	49.8	41.4	62.0

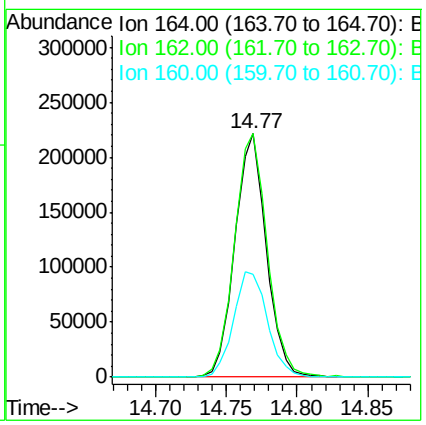


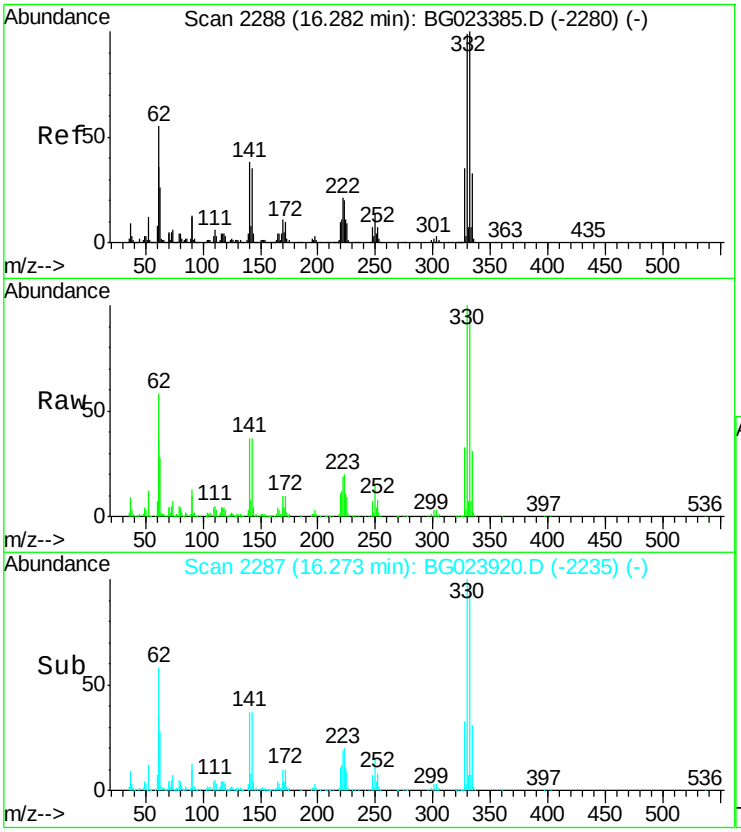


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Tgt Ion:164 Resp: 343024

Ion	Ratio	Lower	Upper
164	100		
162	100.1	87.7	131.5
160	42.5	37.2	55.8



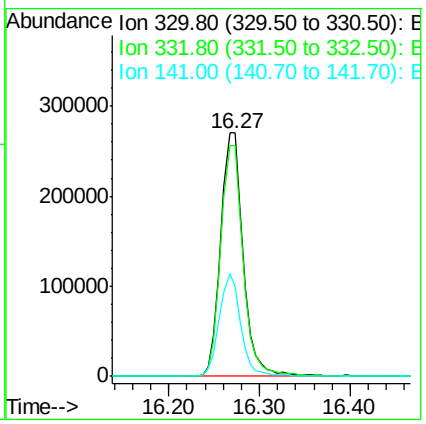


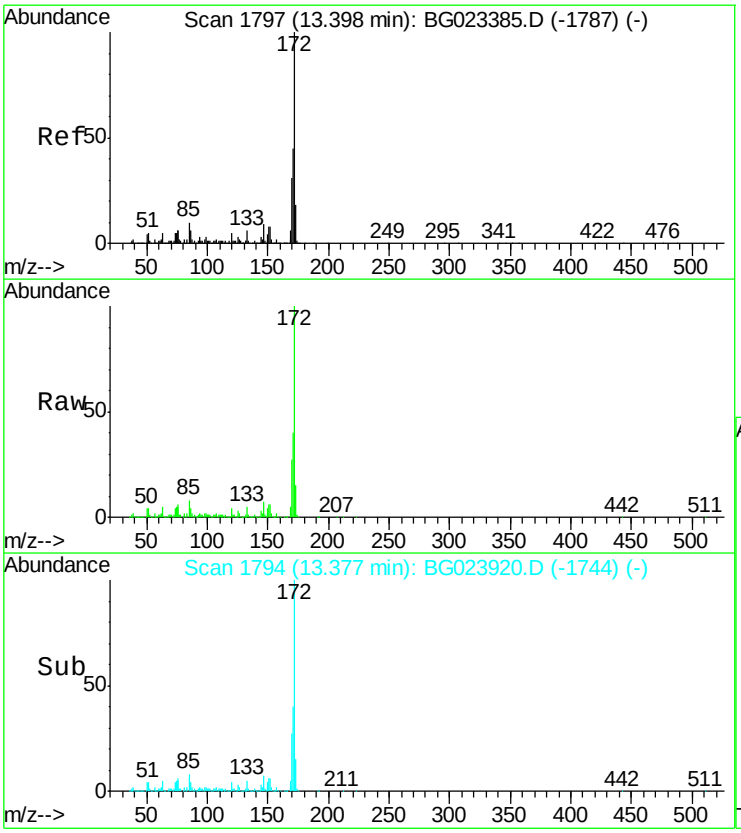
#41
2,4,6-Tribromophenol
Concen: 92.55 ng
RT: 16.27 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Instrument :
BNA_G
ClientSampleId :
PB93089TB

Tgt Ion:330 Resp: 464370

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	40.3	31.7	47.5

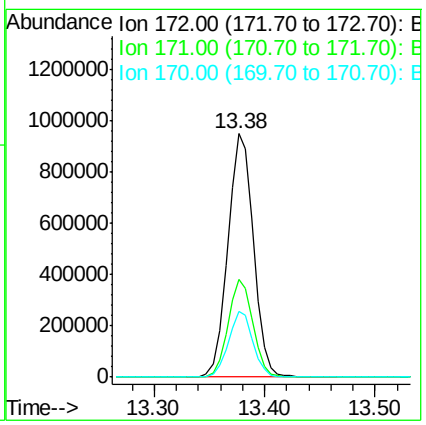


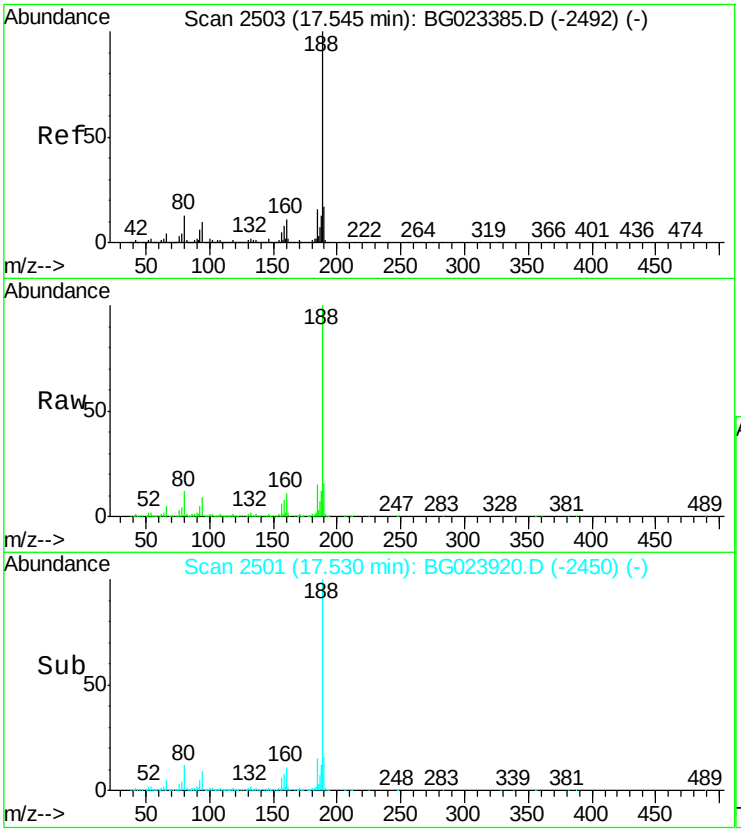


#44
2-Fluorobiphenyl
Concen: 75.64 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Tgt Ion:172 Resp: 1538409

Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.6	47.4
170	26.8	21.3	31.9



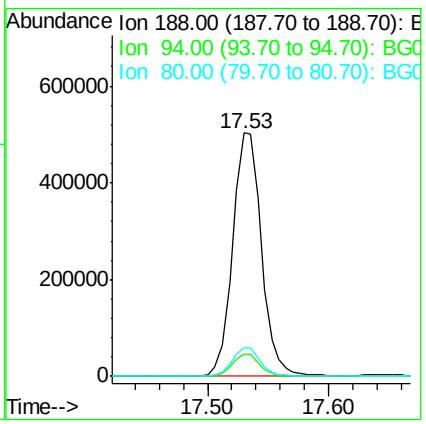


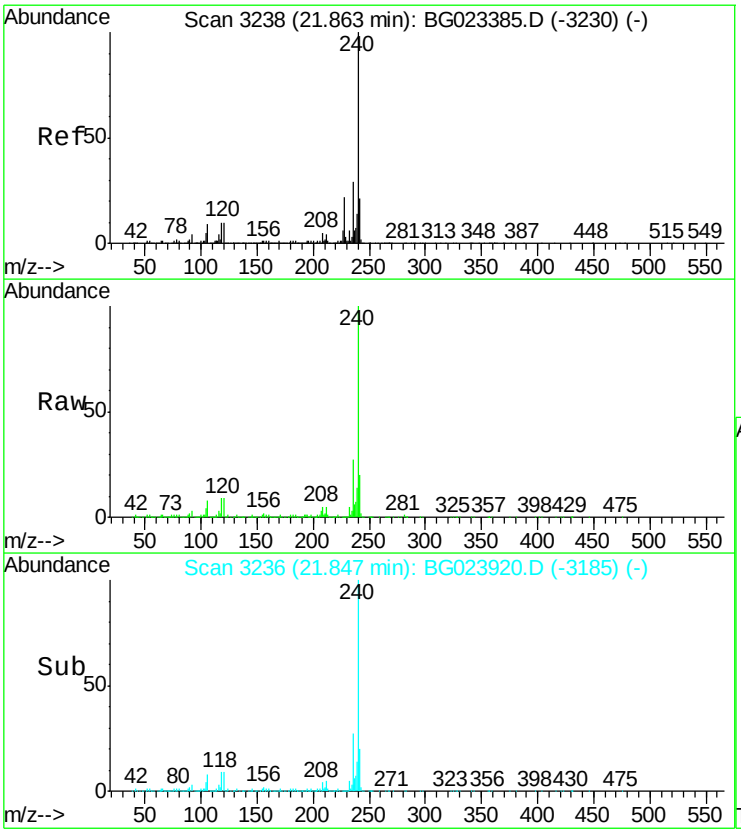
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Instrument :
BNA_G
ClientSampleId :
PB93089TB

Tgt Ion:188 Resp: 835249

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.2	7.8#
80	11.8	7.2	10.8#

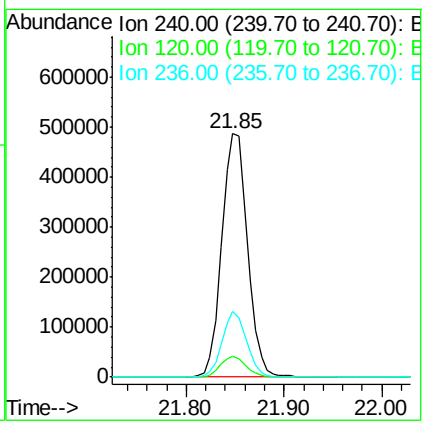


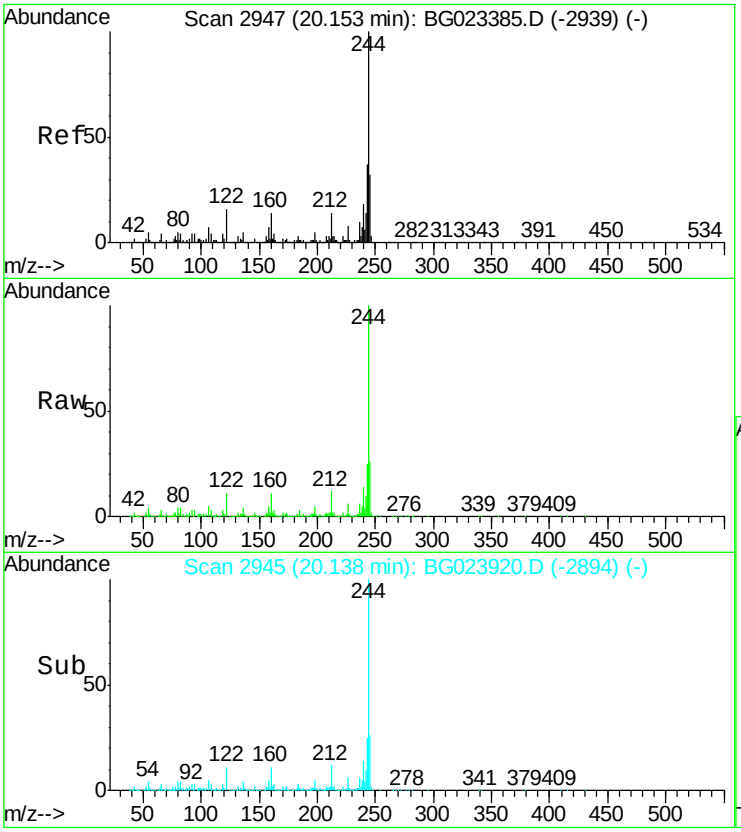


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Tgt Ion:240 Resp: 887527

Ion	Ratio	Lower	Upper
240	100		
120	8.8	4.1	6.1#
236	26.9	21.1	31.7



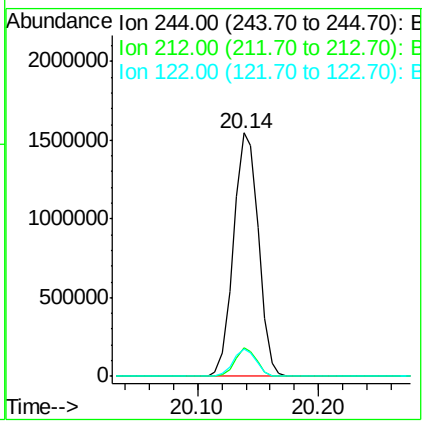


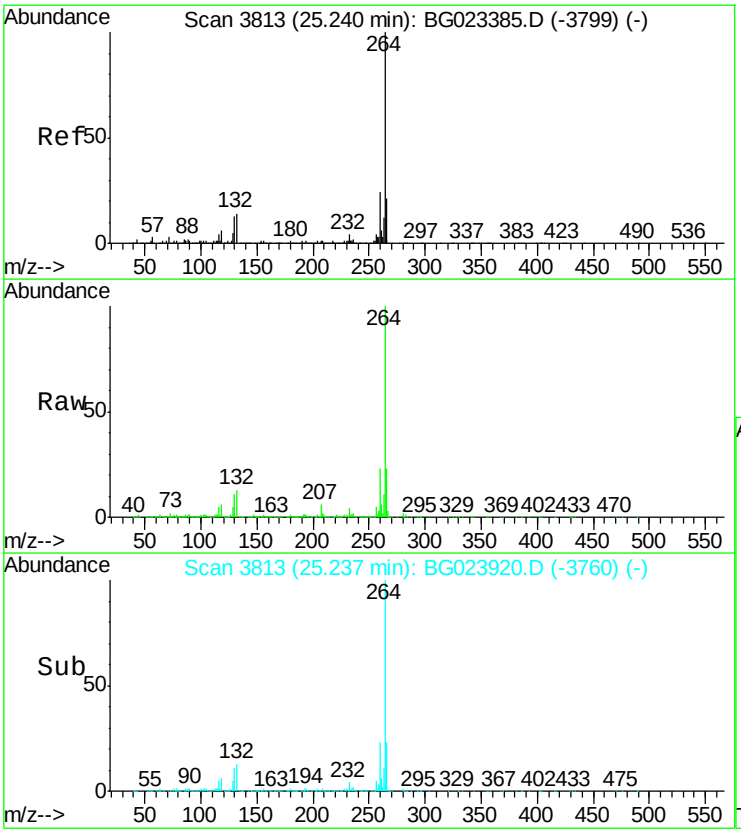
#78
Terphenyl-d14
Concen: 68.42 ng
RT: 20.14 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Instrument :
BNA_G
ClientSampleId :
PB93089TB

Tgt Ion:244 Resp: 2225834

Ion	Ratio	Lower	Upper
244	100		
212	11.6	10.8	16.2
122	11.4	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. 0.01 min
Lab File: BG023920.D
Acq: 26 Aug 2016 11:15

Tgt Ion:264 Resp: 827832

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	22.9	18.9	28.3