Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023010.D
Acq On : 11 Jul 2016 21:18
Operator : UM/SJ
Sample : H3955-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-58-070716

Quant Time: Jul 12 03:52:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	96311	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	497889	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	389127	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	918528	20.00	ng	0.00
75) Chrysene-d12	21.87	240	996586	20.00	ng	0.02
86) Perylene-d12	25.24	264	909679	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	52432	8.90	ng	0.00
7) Phenol-d6	7.30	99	92698	10.05	ng	0.00
23) Nitrobenzene-d5	9.32	82	74720	6.43	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	48305	6.91	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	240202	9.72	ng	0.00
78) Terphenyl-d14	20.16	244	822114	16.65	ng	0.00
Target Compounds						Qvalue

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

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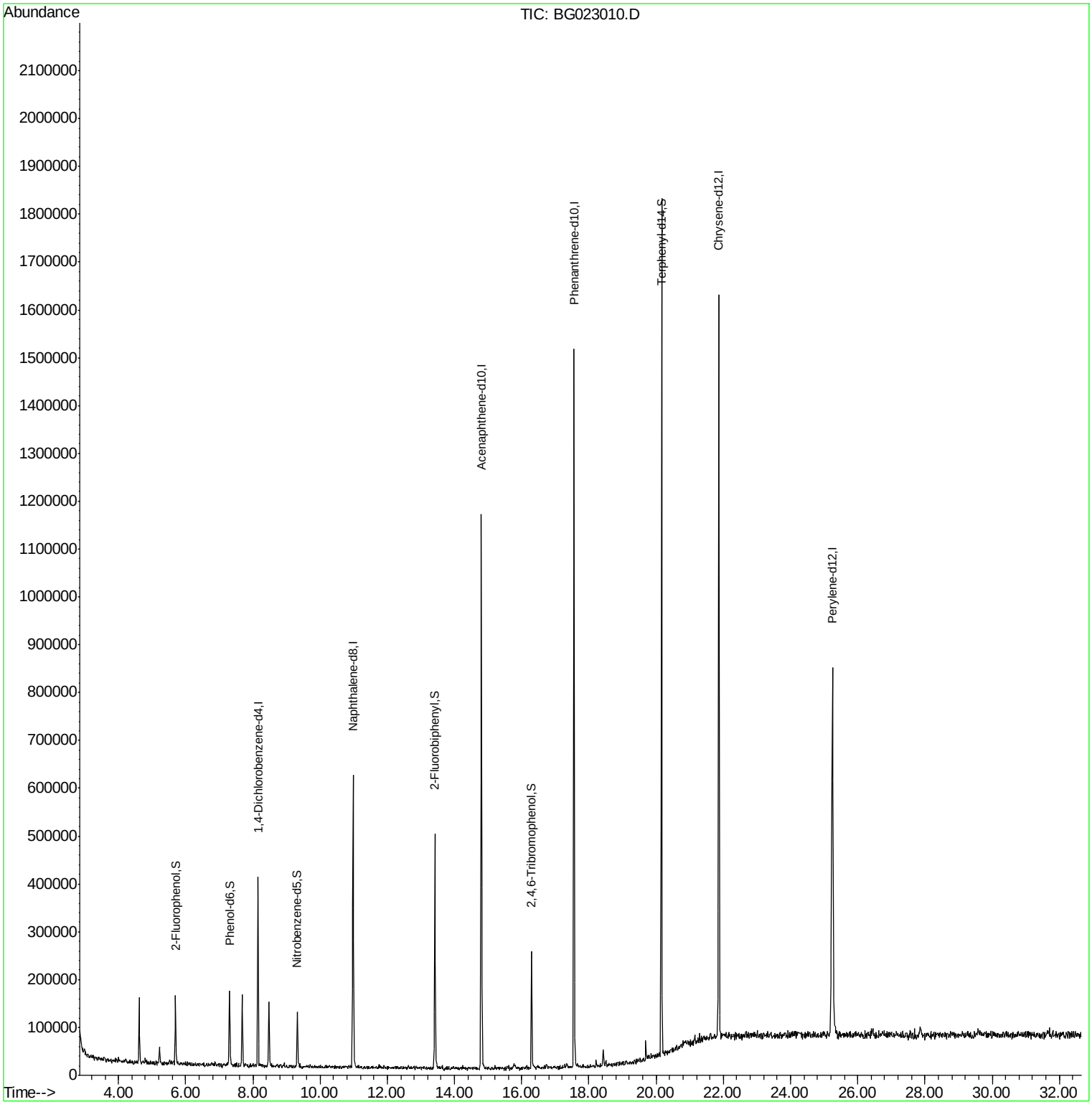
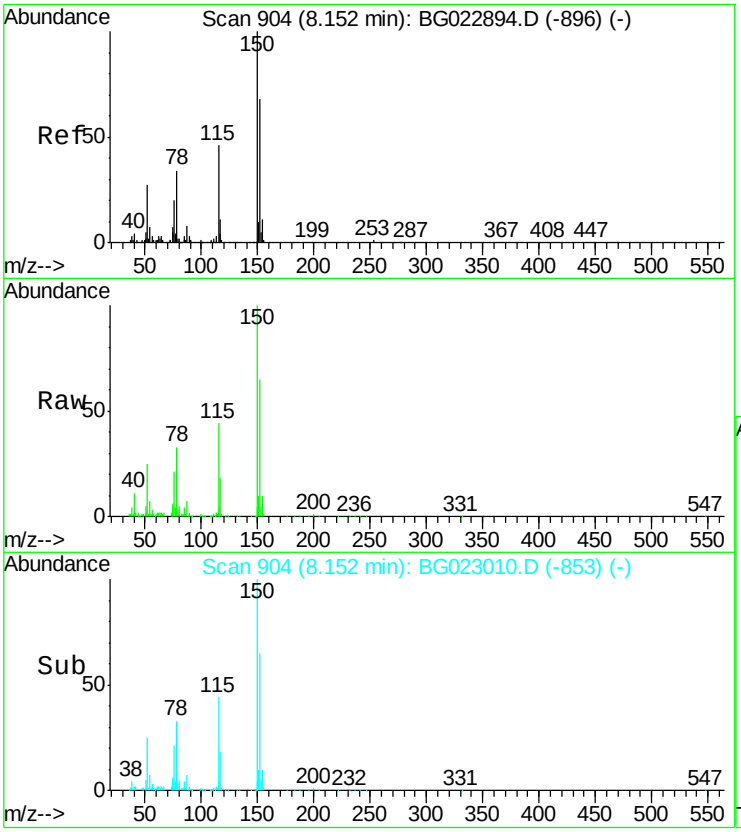


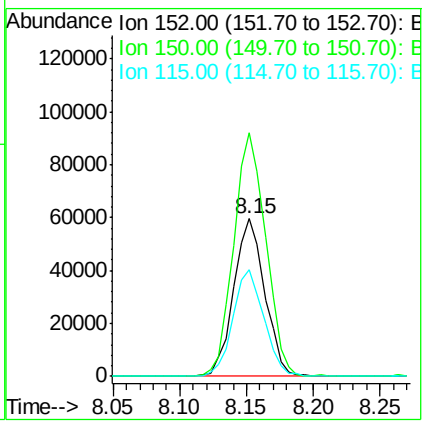


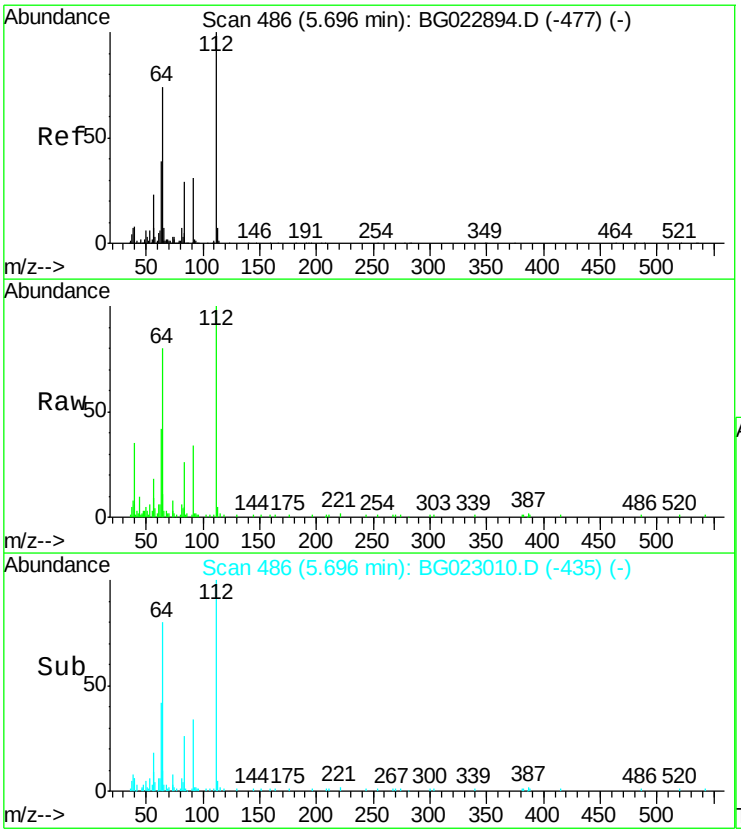
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-58-070716

Tgt Ion:152 Resp: 96311

Ion	Ratio	Lower	Upper
152	100		
150	154.5	144.7	217.1
115	67.8	64.0	96.0

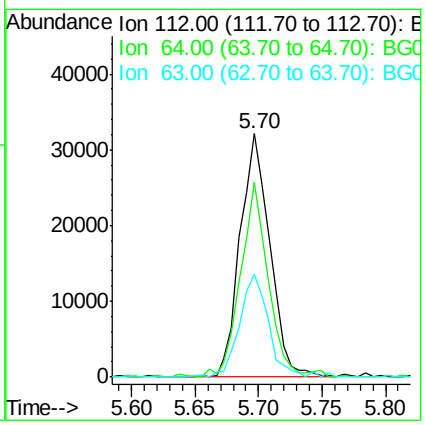




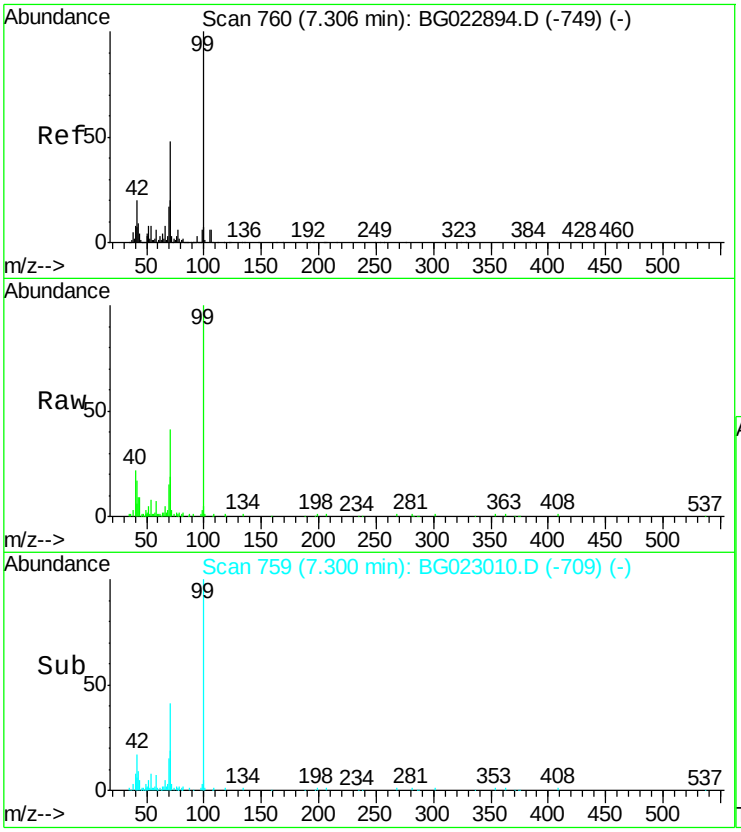
#5
2-Fluorophenol
Concen: 8.90 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Tgt Ion:112 Resp: 52432

Ion	Ratio	Lower	Upper
112	100		
64	80.1	59.0	88.4
63	42.0	37.8	56.8



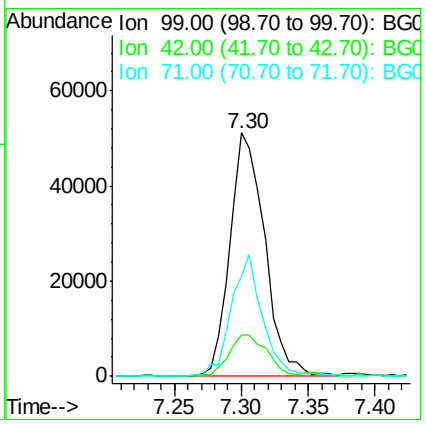
Instrument :
BNA_G
ClientSampleId :
HSR-WC-58-070716

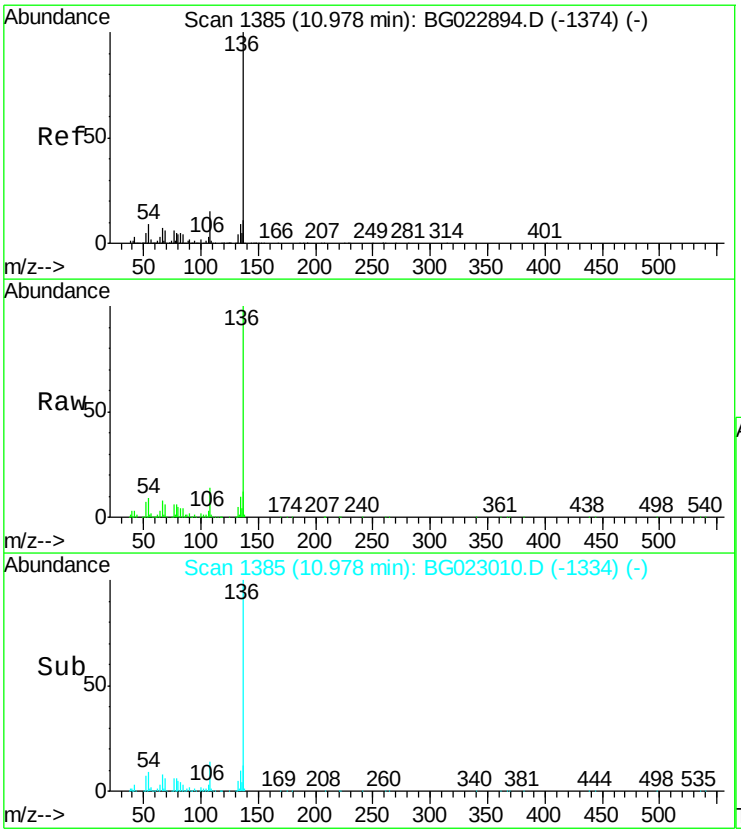


#7
Phenol-d6
Concen: 10.05 ng
RT: 7.30 min Scan# 759
Delta R.T. -0.01 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Tgt Ion: 99 Resp: 92698

Ion	Ratio	Lower	Upper
99	100		
42	17.0	17.8	26.6#
71	41.4	41.5	62.3#

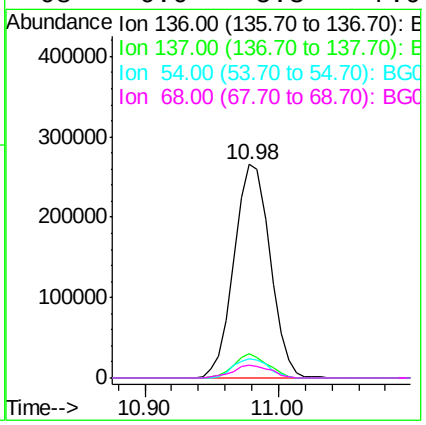


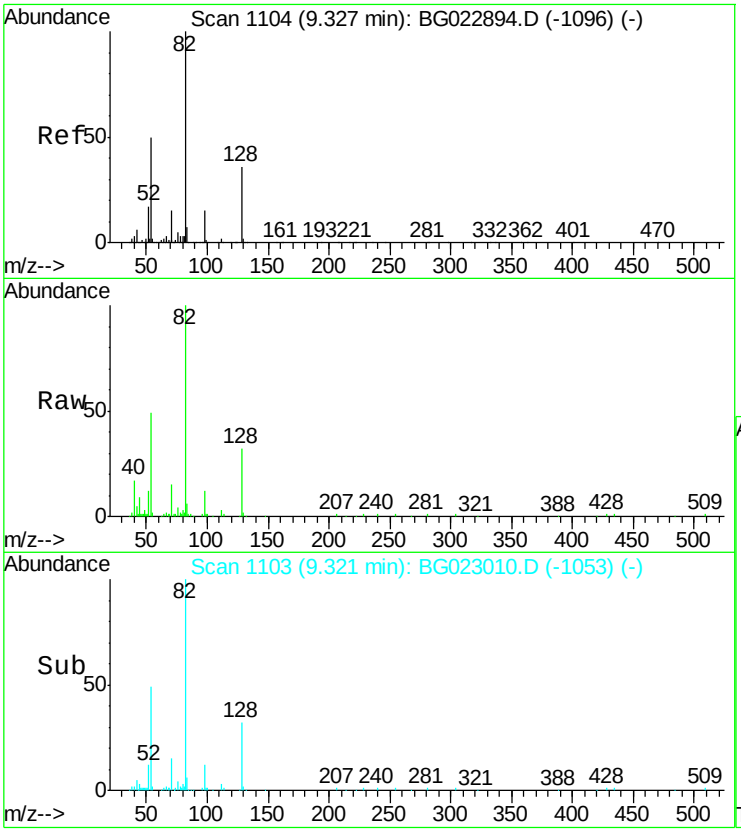


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Tgt Ion:136 Resp: 497889

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.8	7.3	10.9
68	6.0	5.3	7.9



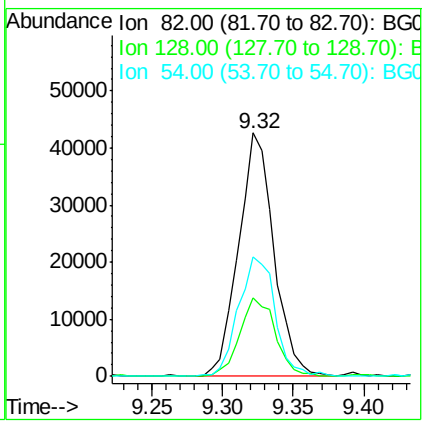


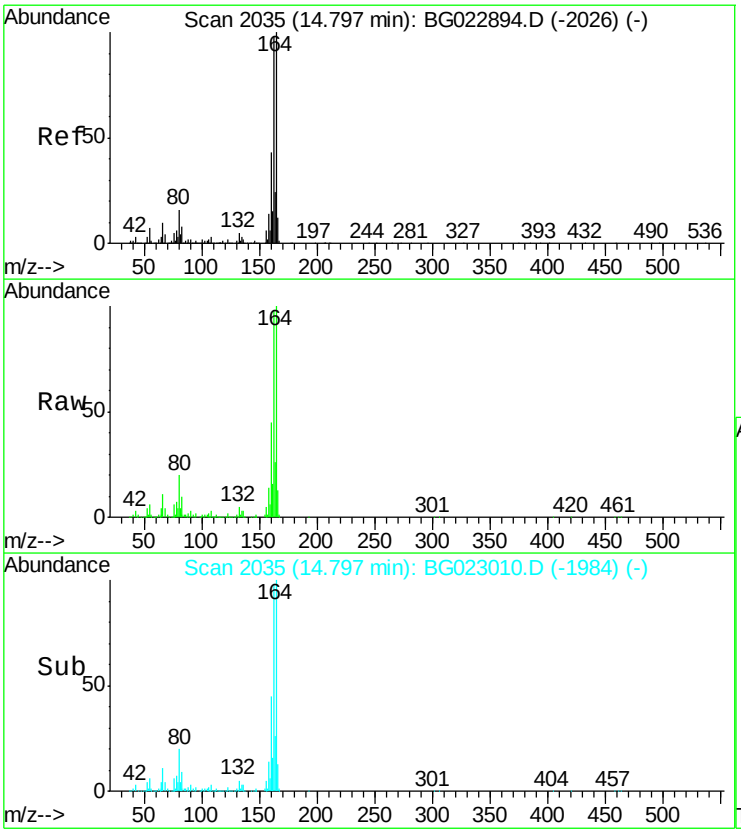
#23
Nitrobenzene-d5
Concen: 6.43 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-58-070716

Tgt Ion: 82 Resp: 74720

Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	49.0	41.4	62.0

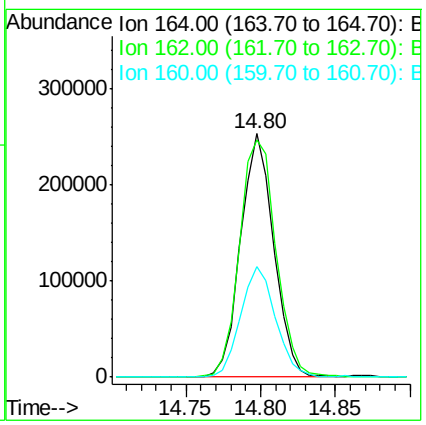


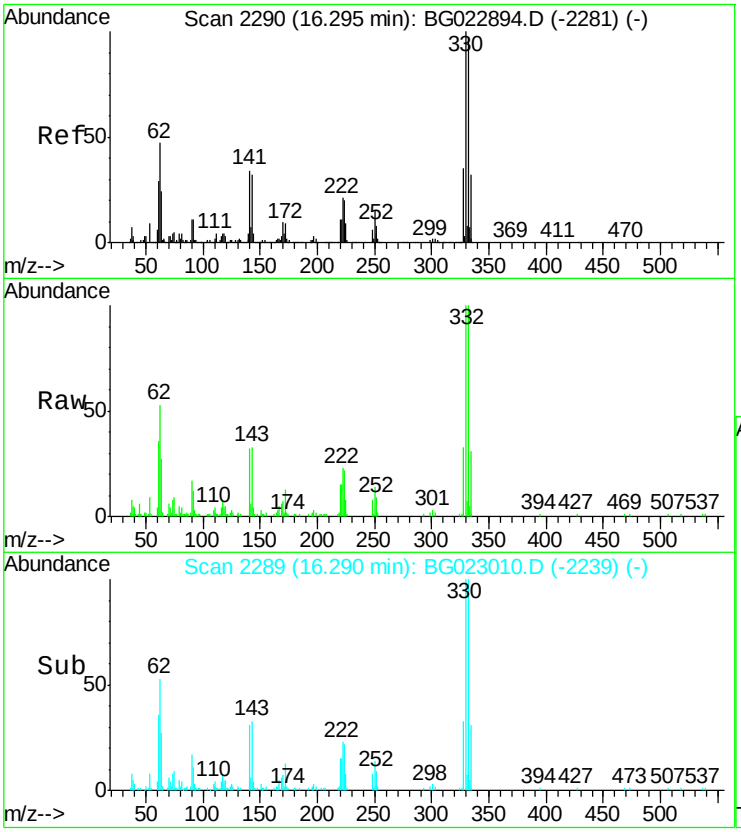


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Tgt Ion:164 Resp: 389127

Ion	Ratio	Lower	Upper
164	100		
162	97.6	87.7	131.5
160	45.3	37.2	55.8



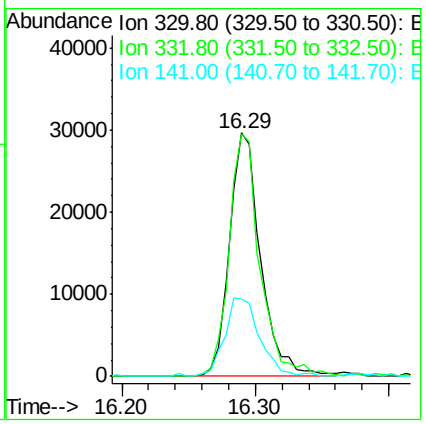


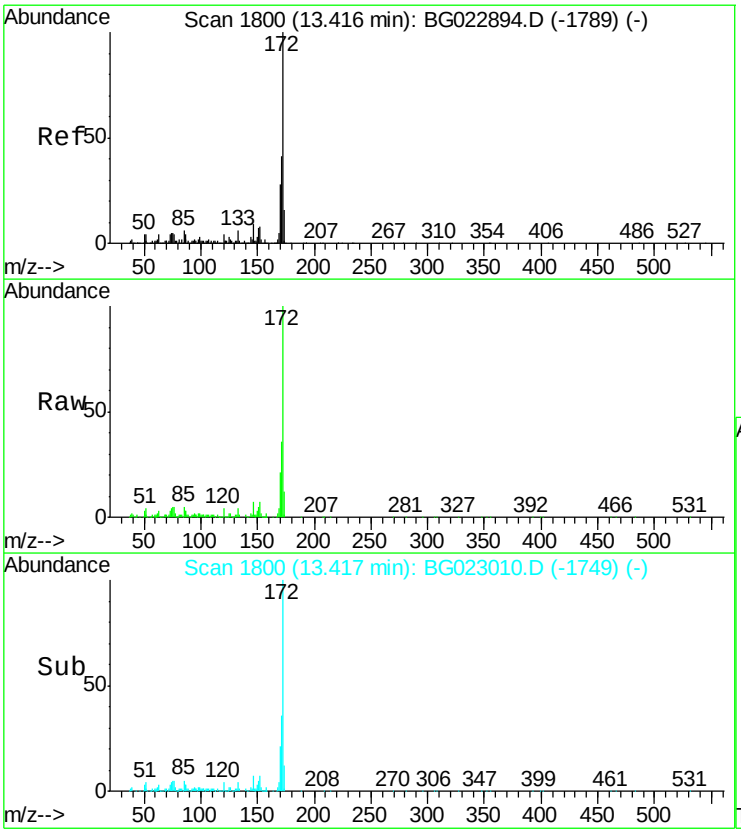
#41
2,4,6-Tribromophenol
Concen: 6.91 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-58-070716

Tgt Ion:330 Resp: 48305

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.4	116.2
141	36.5	31.7	47.5

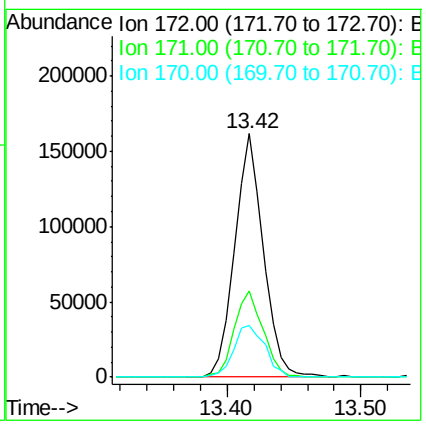


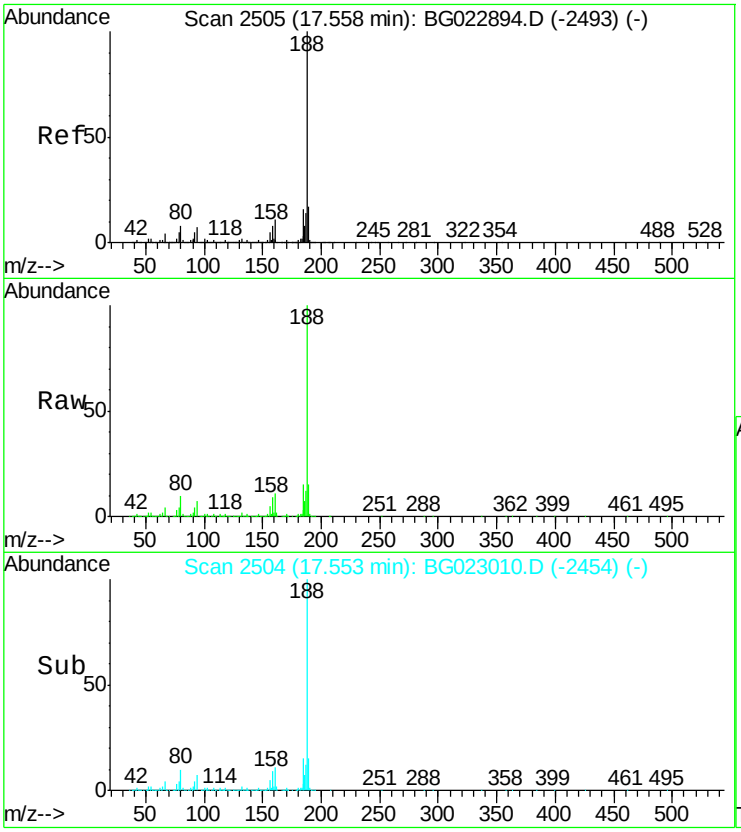


#44
2-Fluorobiphenyl
Concen: 9.72 ng
RT: 13.42 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Tgt Ion:172 Resp: 240202

Ion	Ratio	Lower	Upper
172	100		
171	35.5	31.6	47.4
170	21.4	21.3	31.9



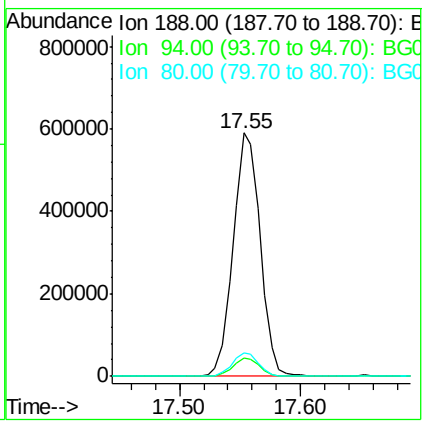


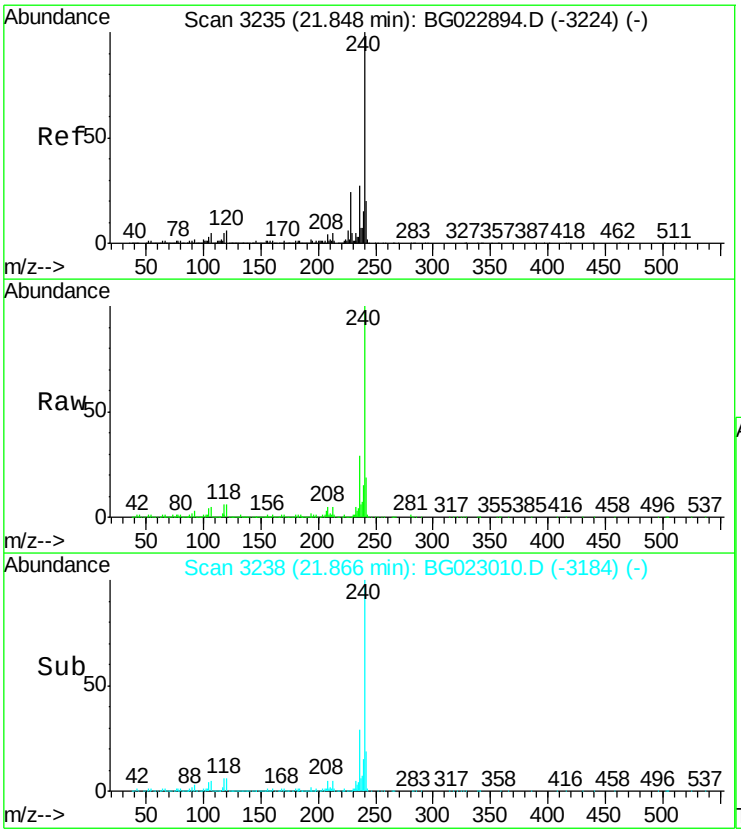
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-58-070716

Tgt Ion:188 Resp: 918528

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.2	7.8
80	9.6	7.2	10.8

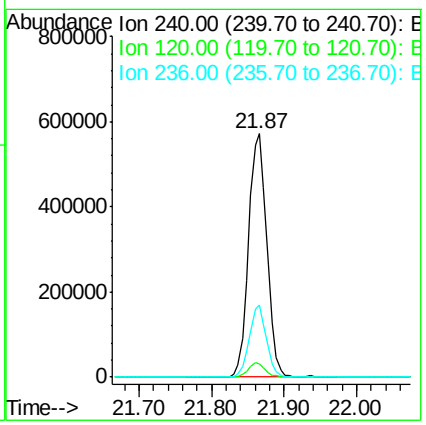


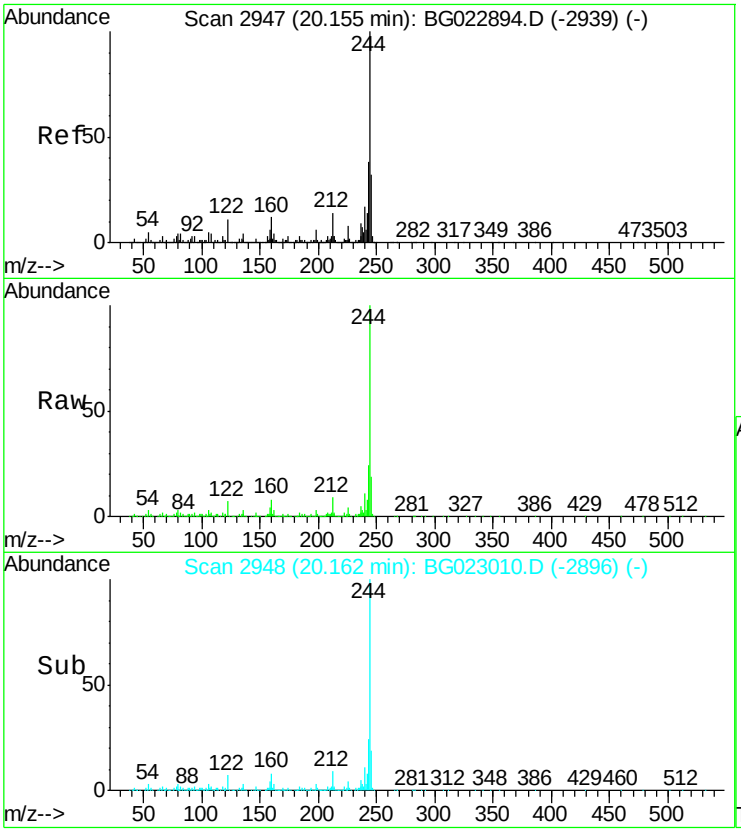


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Tgt Ion:240 Resp: 996586

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.1	6.1
236	29.4	21.1	31.7



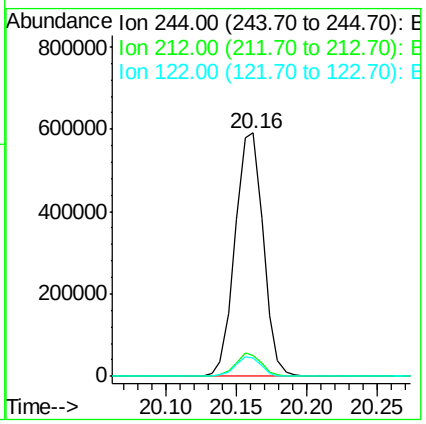


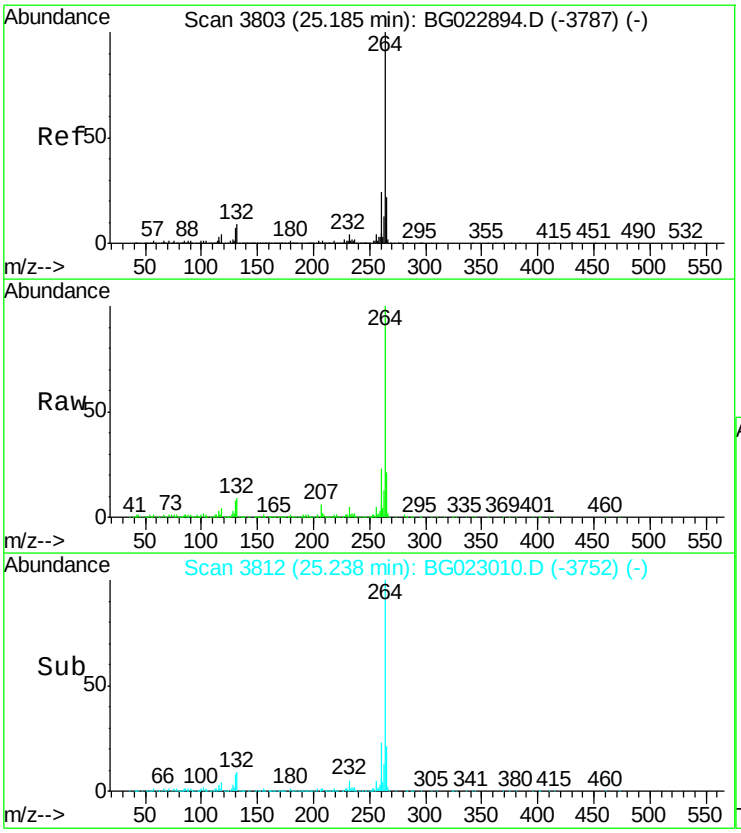
#78
Terphenyl-d14
Concen: 16.65 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Instrument :
BNA_G
ClientSampleId :
HSR-WC-58-070716

Tgt Ion:244 Resp: 822114

Ion	Ratio	Lower	Upper
244	100		
212	8.8	10.8	16.2#
122	7.3	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3812
Delta R.T. 0.05 min
Lab File: BG023010.D
Acq: 11 Jul 2016 21:18

Tgt Ion:264 Resp: 909679

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	20.8	18.9	28.3