Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
Data File : BG025792.D
Acq On : 3 Feb 2017 13:15
Operator : SJ/MA
Sample : I1646-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-09

Quant Time: Feb 03 14:08:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	71846	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	325418	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	252746	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	571298	20.00	ng	0.00
75) Chrysene-d12	21.83	240	730450	20.00	ng	0.00
86) Perylene-d12	25.21	264	744329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	294202	73.39	ng	0.00
7) Phenol-d6	7.33	99	274669	46.91	ng	0.00
23) Nitrobenzene-d5	9.35	82	686170	89.09	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	508428	141.05	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1400942	90.02	ng	0.00
78) Terphenyl-d14	20.12	244	2436512	80.51	ng	0.00
Target Compounds						Qvalue

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

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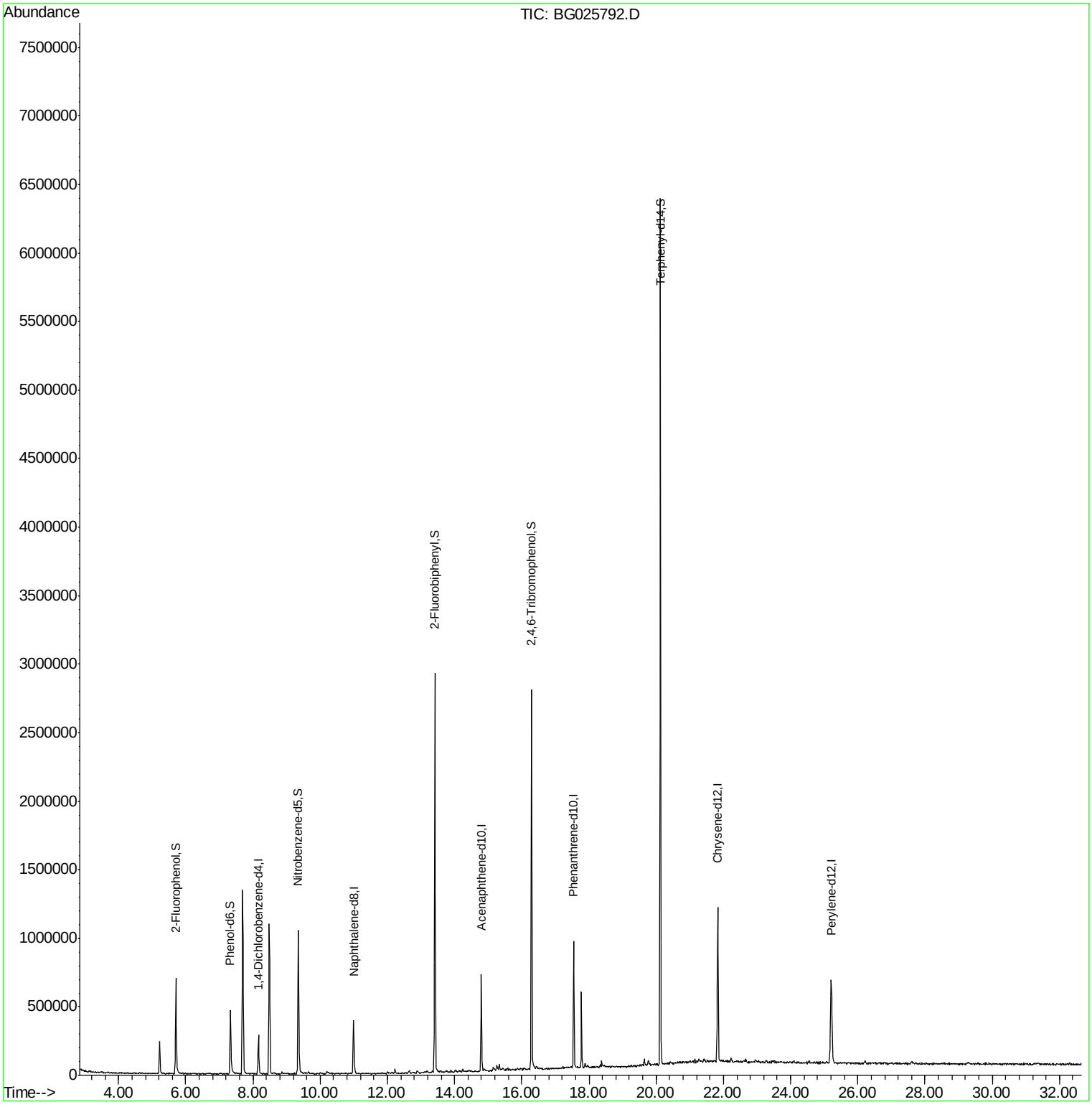
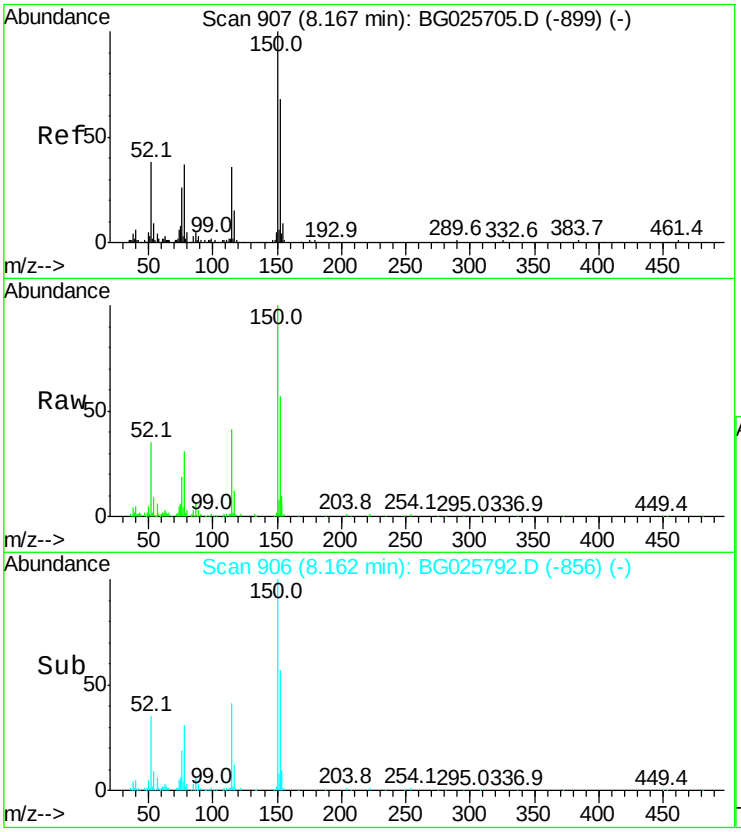


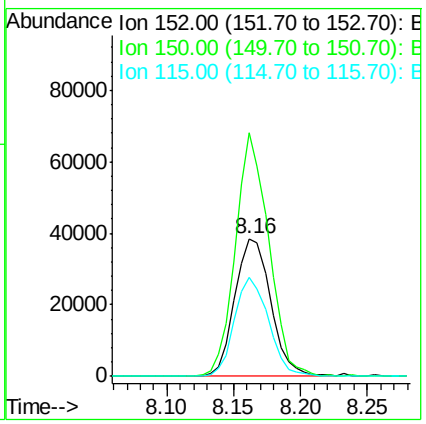


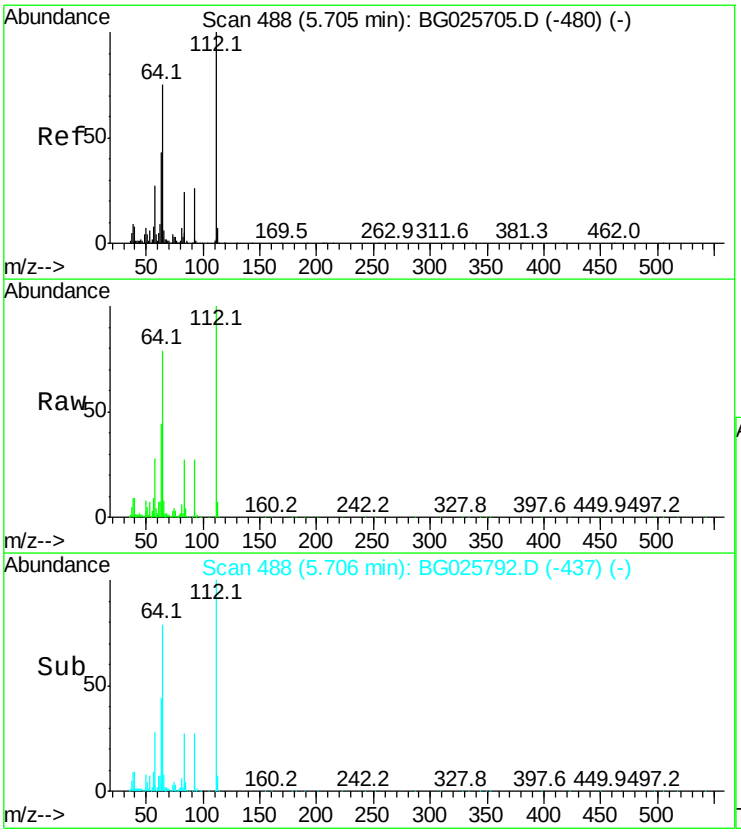
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Instrument :
BNA_G
ClientSampleId :
MW-09

Tgt Ion:152 Resp: 71846

Ion	Ratio	Lower	Upper
152	100		
150	176.5	114.0	171.0#
115	71.8	48.1	72.1

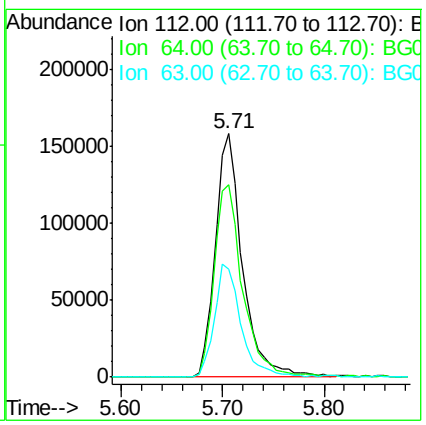


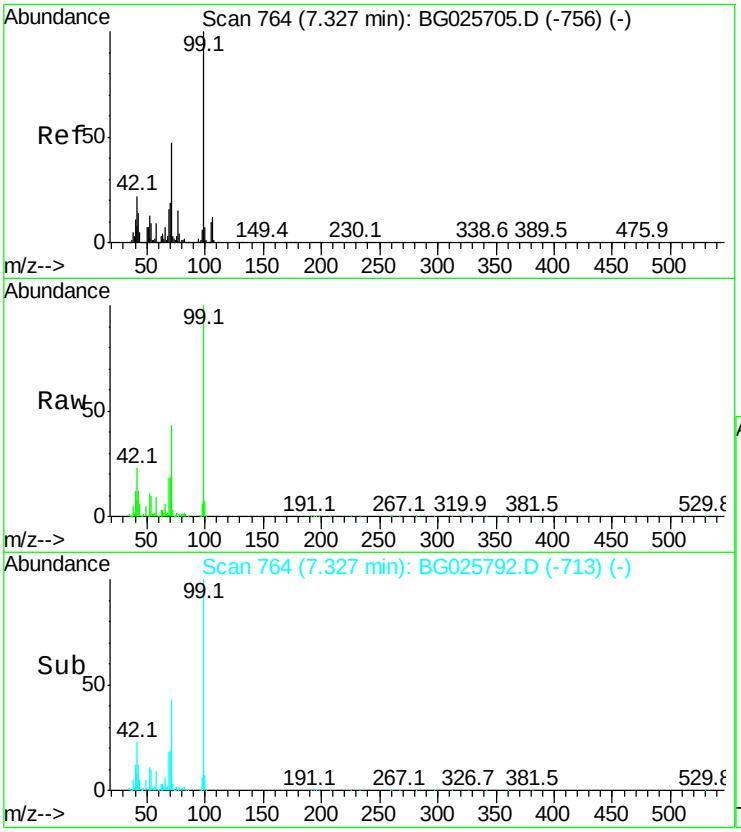


#5
2-Fluorophenol
Concen: 73.39 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Tgt Ion:112 Resp: 294202

Ion	Ratio	Lower	Upper
112	100		
64	79.1	61.8	92.6
63	44.4	37.2	55.8



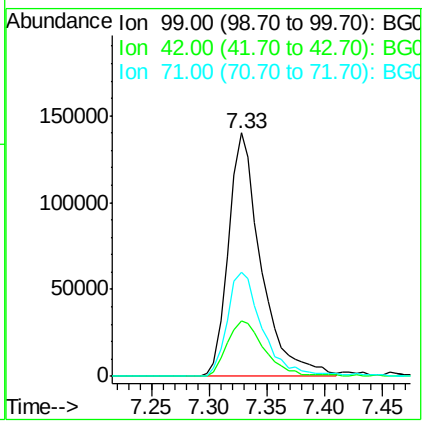


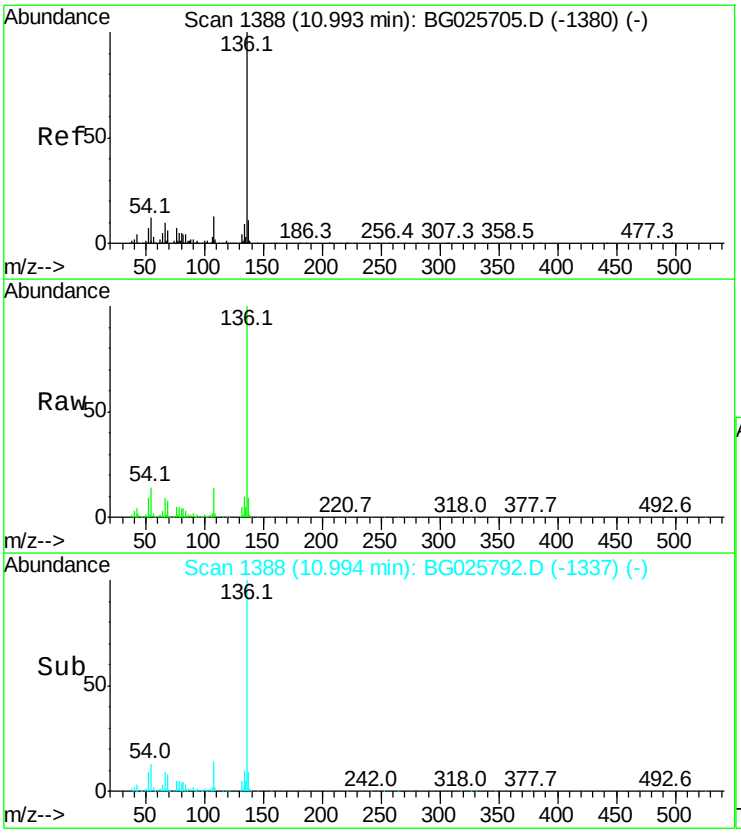
#7
Phenol-d6
Concen: 46.91 ng
RT: 7.33 min Scan# 764
Delta R.T. 0.00 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Instrument :
BNA_G
ClientSampleId :
MW-09

Tgt Ion: 99 Resp: 274669

Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.5	30.7
71	42.7	37.6	56.4

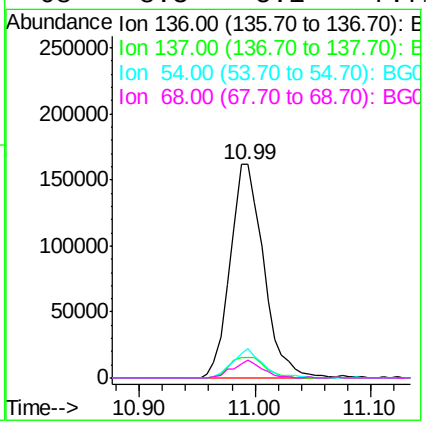


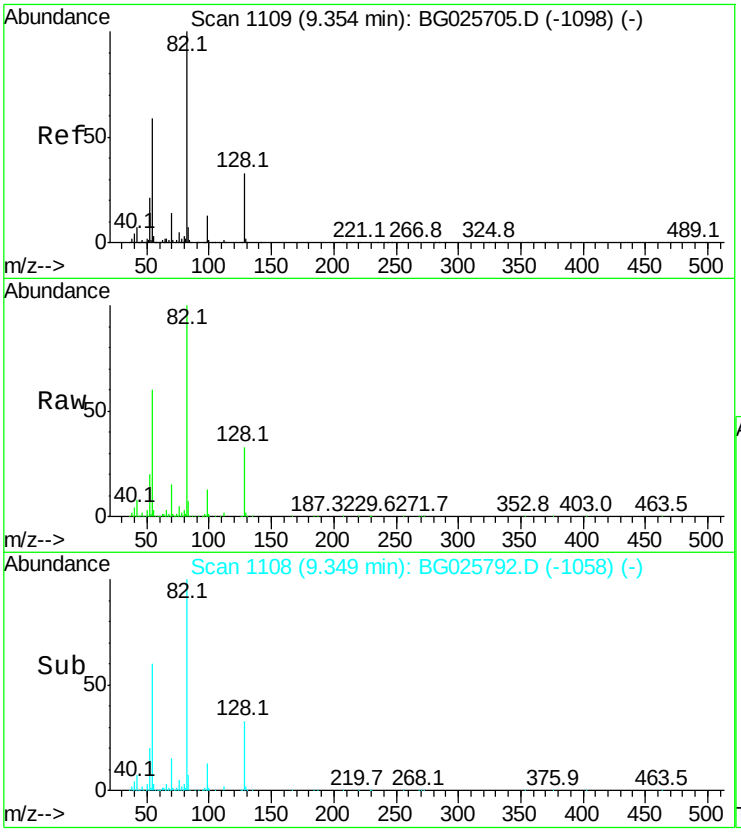


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Tgt Ion:136 Resp: 325418

Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.9	13.3
54	13.6	9.3	13.9
68	8.3	5.1	7.7#



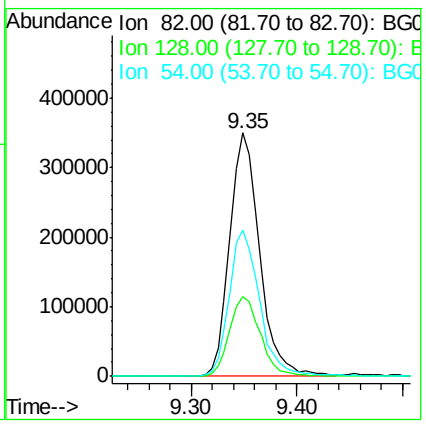


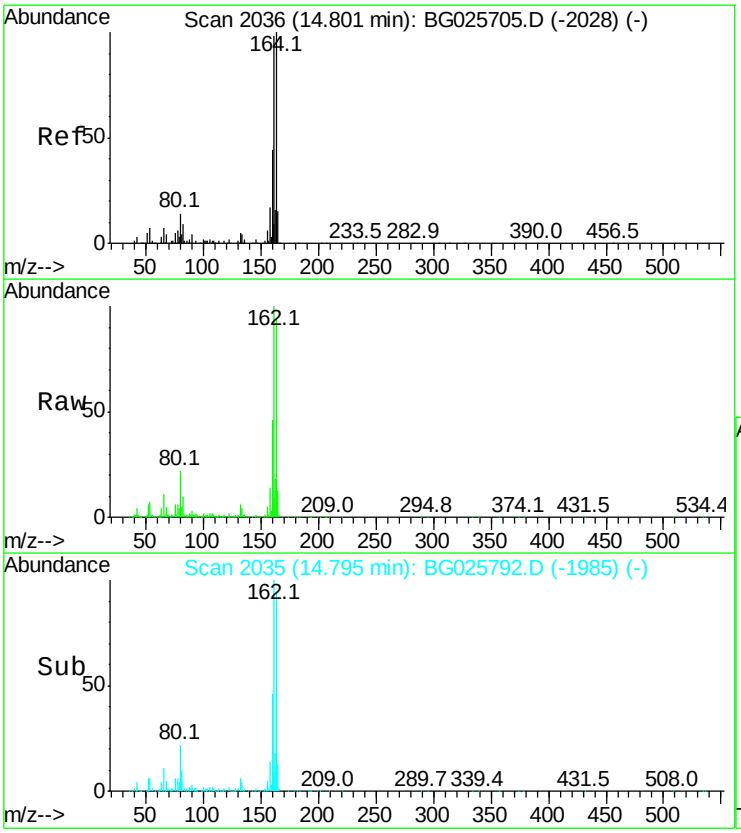
#23
Nitrobenzene-d5
Concen: 89.09 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Instrument :
BNA_G
ClientSampleId :
MW-09

Tgt Ion: 82 Resp: 686170

Ion	Ratio	Lower	Upper
82	100		
128	32.6	26.4	39.6
54	60.4	49.4	74.2

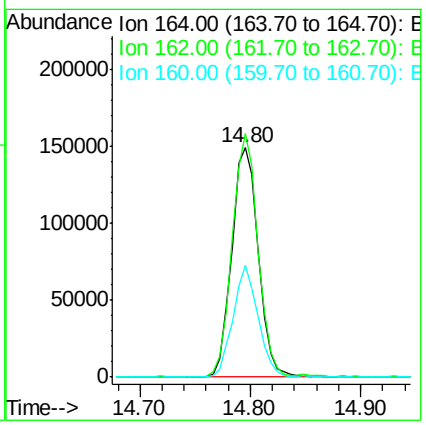


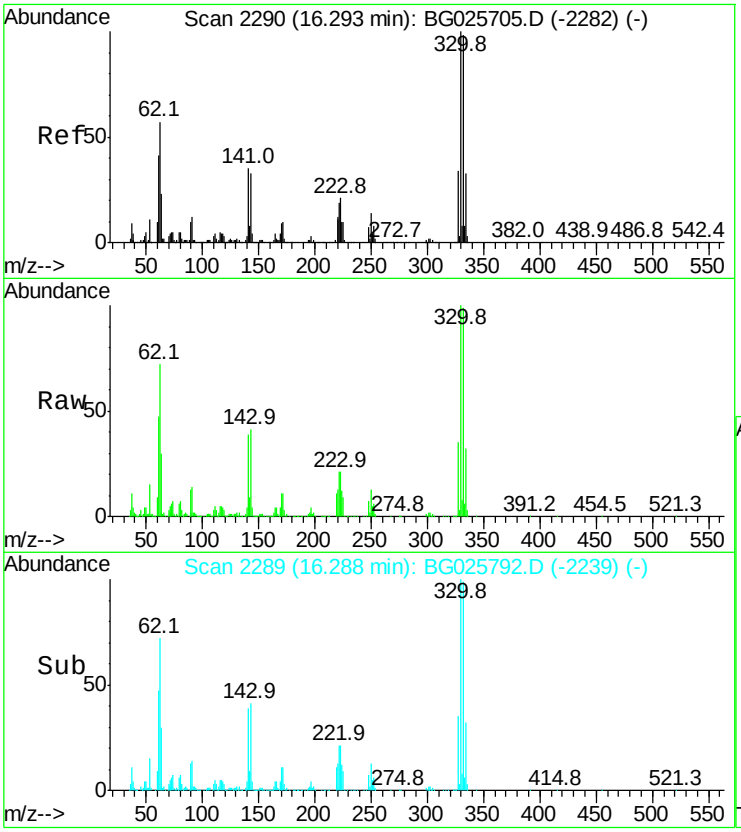


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Tgt Ion:164 Resp: 252746

Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.1	127.7
160	48.9	34.7	52.1



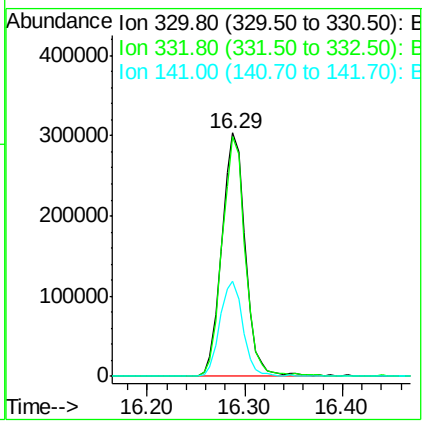


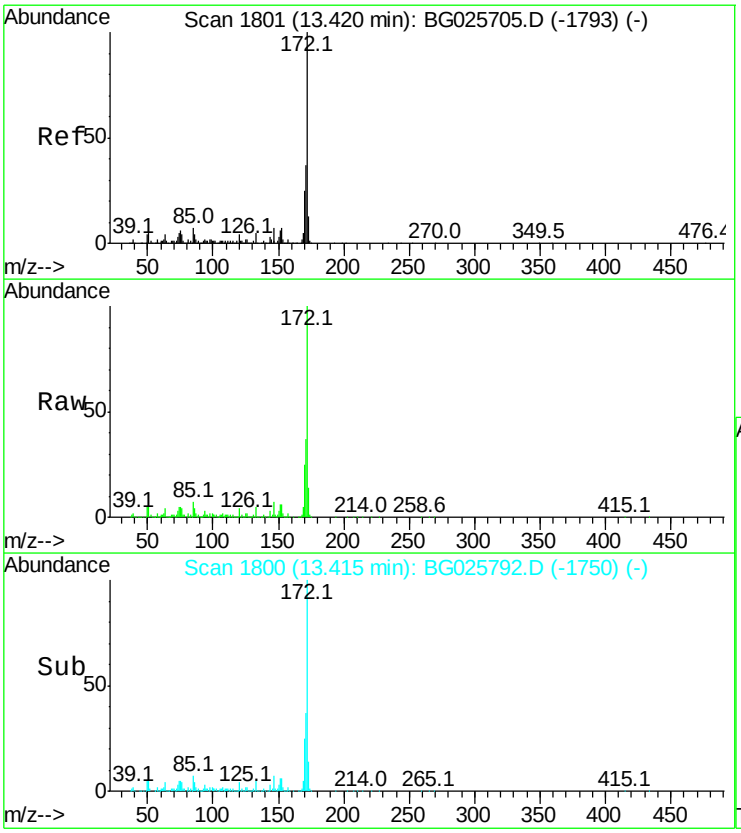
#41
2,4,6-Tribromophenol
Concen: 141.05 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Instrument :
BNA_G
ClientSampleId :
MW-09

Tgt Ion:330 Resp: 508428

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	38.8	32.1	48.1

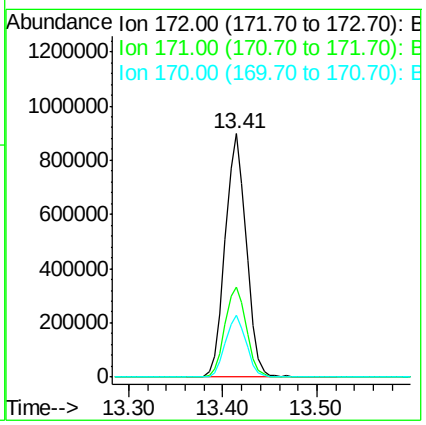


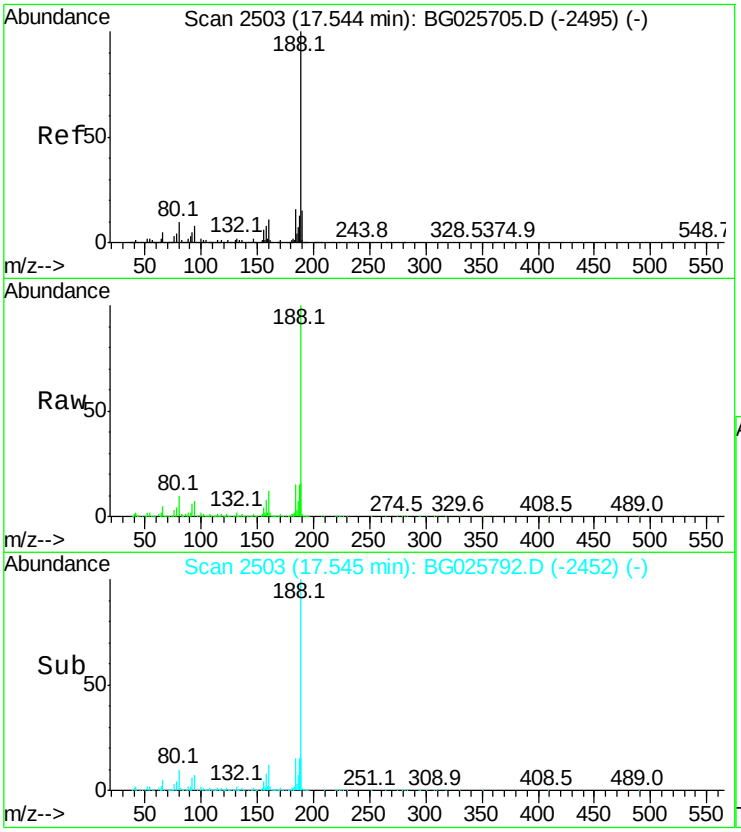


#44
2-Fluorobiphenyl
Concen: 90.02 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Tgt Ion:172 Resp: 1400942

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	25.4	21.8	32.6



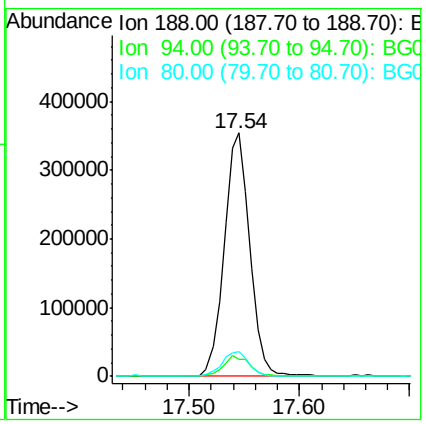


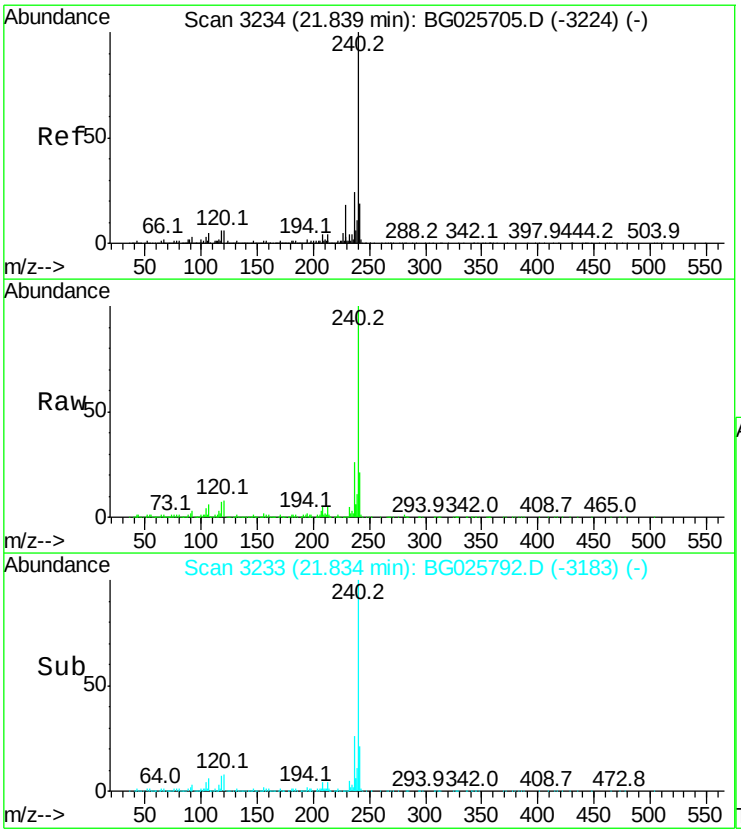
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Instrument :
BNA_G
ClientSampleId :
MW-09

Tgt Ion:188 Resp: 571298

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	10.0	7.5	11.3

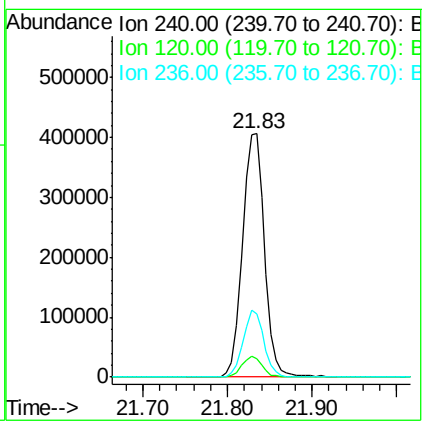


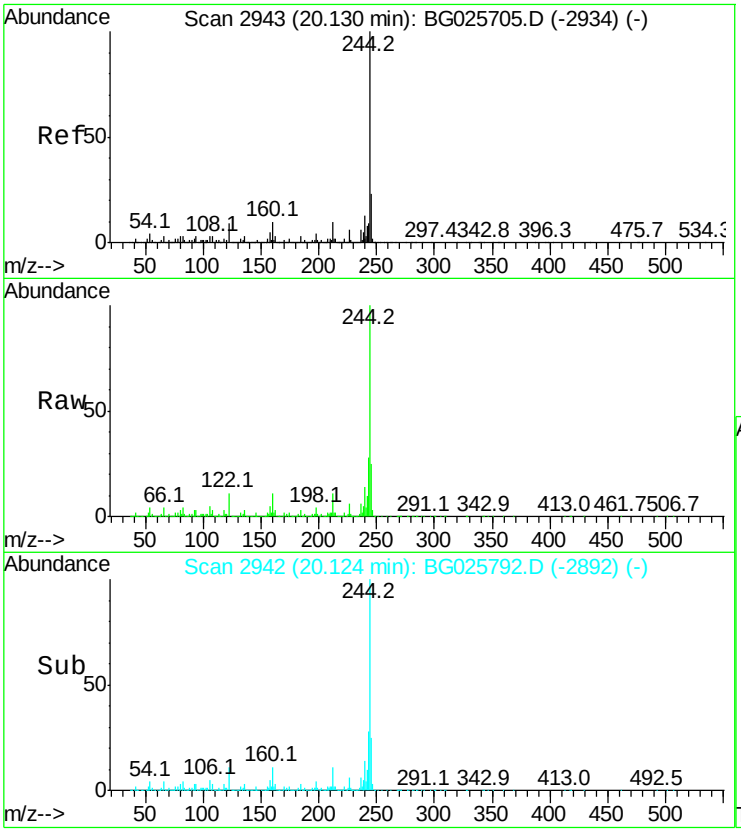


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Tgt Ion:240 Resp: 730450

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.7	8.5
236	26.0	22.2	33.4



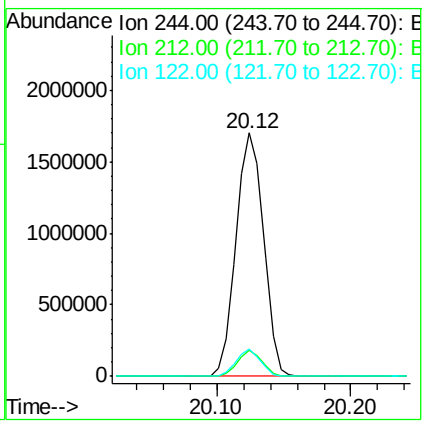


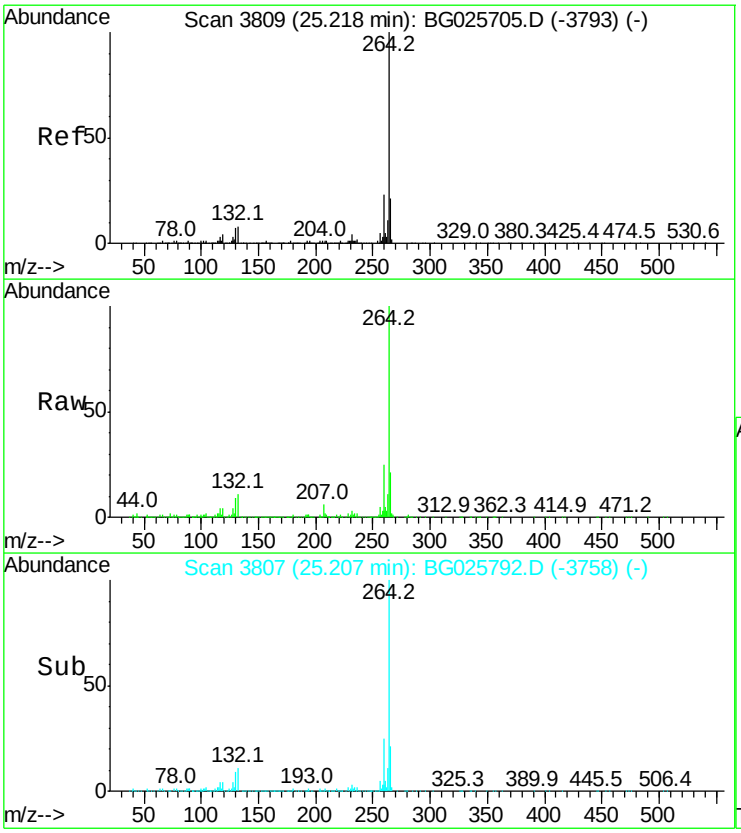
#78
Terphenyl-d14
Concen: 80.51 ng
RT: 20.12 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Instrument :
BNA_G
ClientSampleId :
MW-09

Tgt Ion:244 Resp: 2436512

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.0	15.0
122	11.4	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Tgt Ion:264 Resp: 744329

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	20.7	18.2	27.4