Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016966.D
Acq On : 8 May 2015 20:38
Operator : TP/IZ
Sample : G2058-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MPE-15

Quant Time: May 09 01:03:39 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 23:46:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	80880	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	389895	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	273868	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	601818	20.00	ng	0.00
75) Chrysene-d12	21.35	240	599977	20.00	ng	0.00
86) Perylene-d12	23.65	264	590299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	220079	47.38	ng	0.00
7) Phenol-d6	6.96	99	202090	30.45	ng	0.00
23) Nitrobenzene-d5	8.95	82	523506	65.59	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	328782	119.58	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1099798	60.60	ng	0.00
78) Terphenyl-d14	19.80	244	1632136	63.77	ng	0.00
Target Compounds						Qvalue

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

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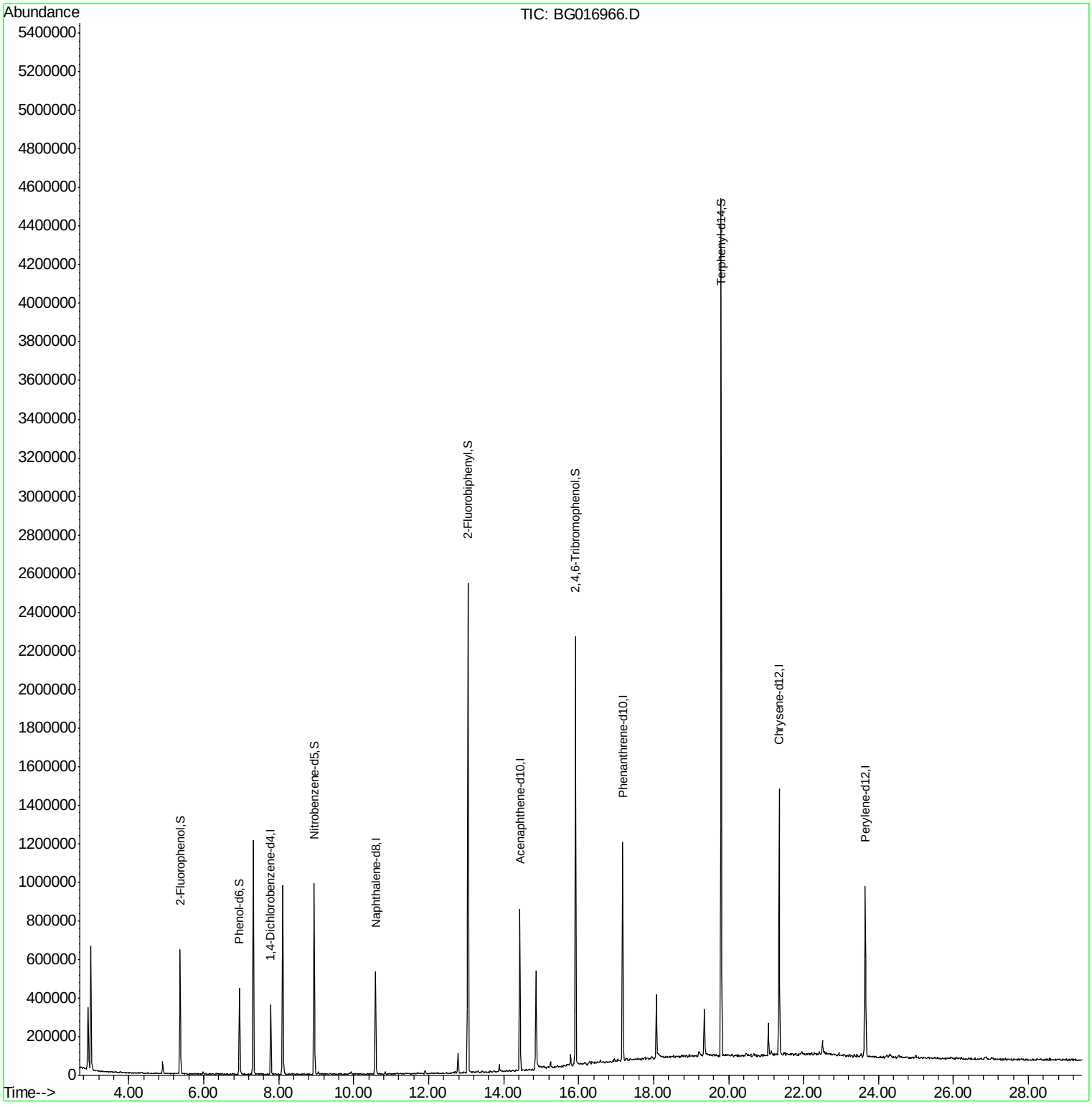
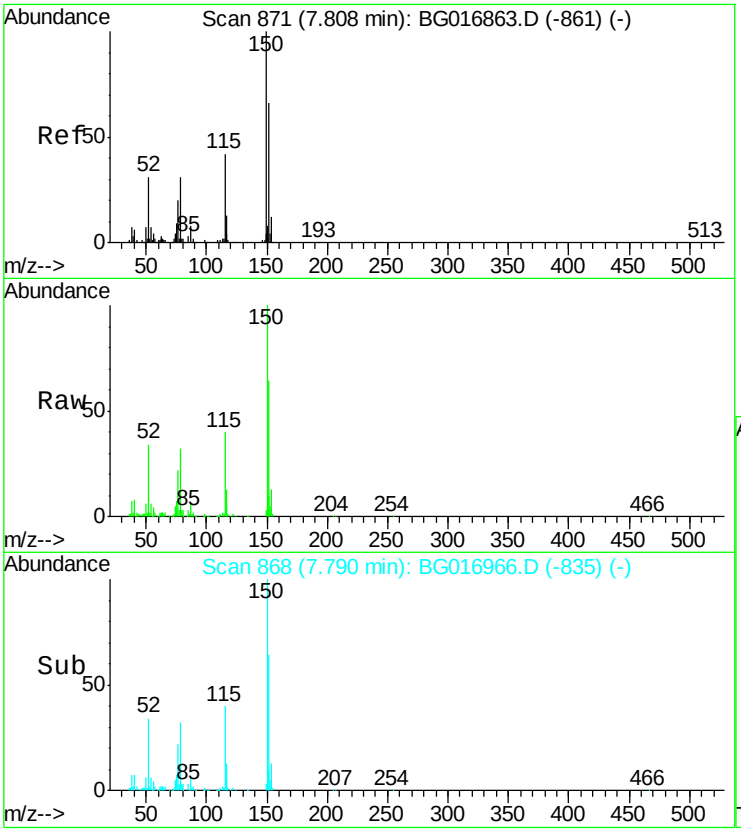


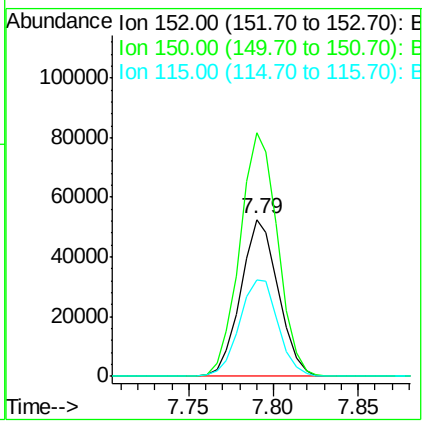


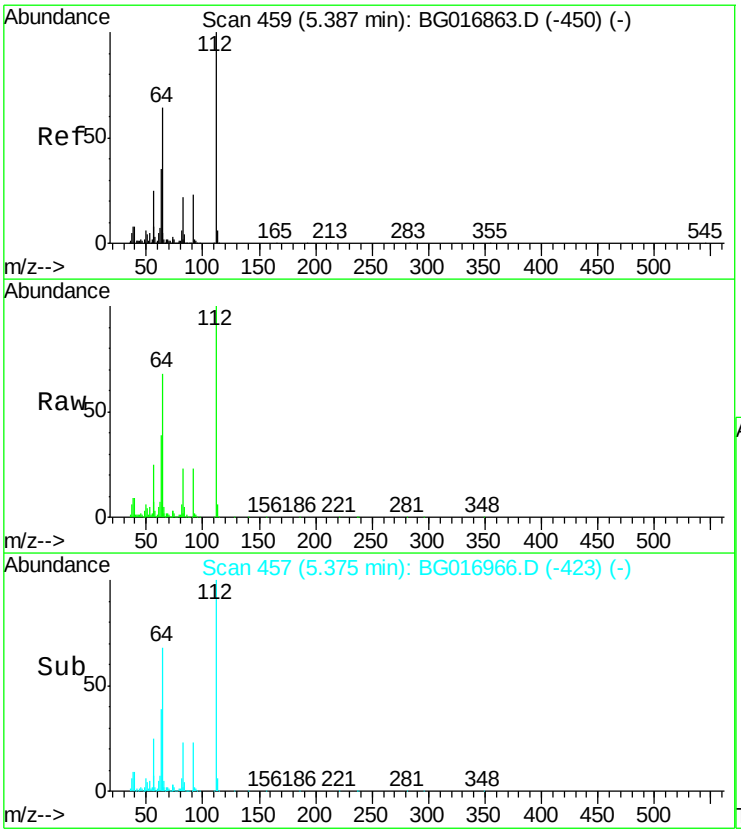
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Instrument :
BNA_G
ClientSampleId :
MPE-15

Tgt Ion:152 Resp: 80880

Ion	Ratio	Lower	Upper
152	100		
150	155.2	121.0	181.4
115	61.5	50.5	75.7

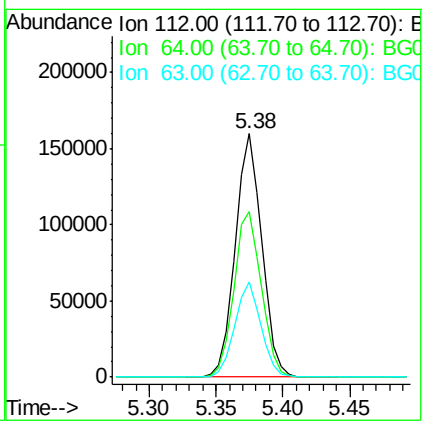


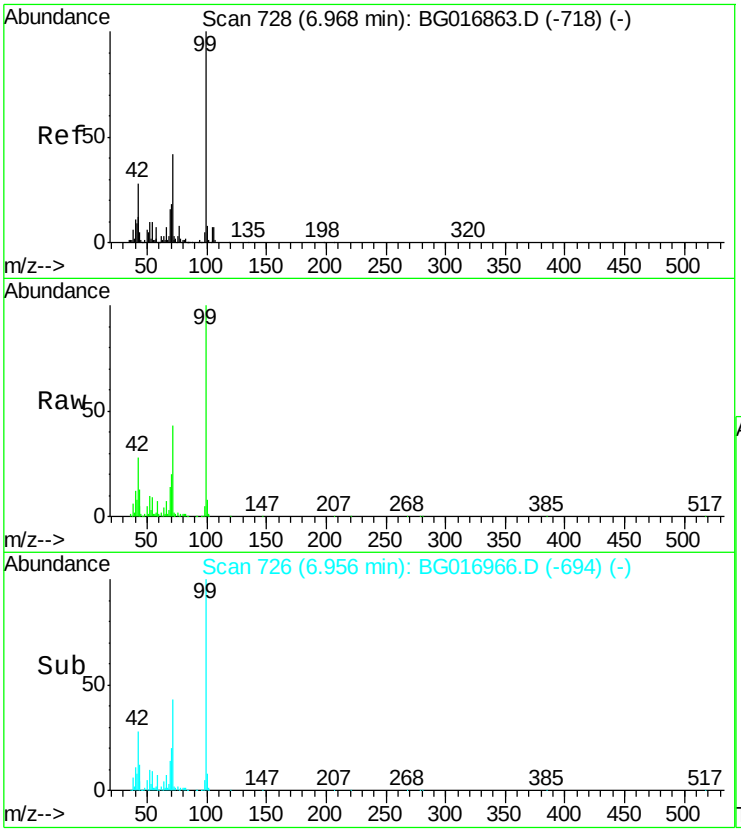


#5
2-Fluorophenol
Concen: 47.38 ng
RT: 5.38 min Scan# 457
Delta R.T. 0.00 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Tgt Ion:112 Resp: 220079

Ion	Ratio	Lower	Upper
112	100		
64	67.9	51.4	77.2
63	39.2	28.1	42.1



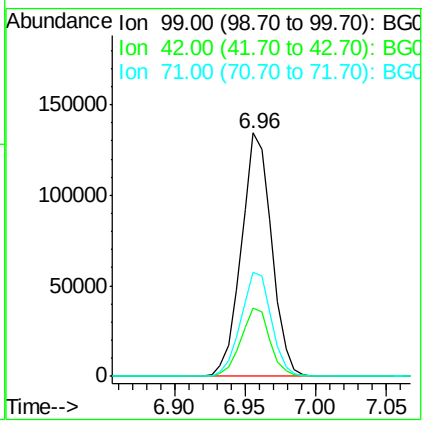


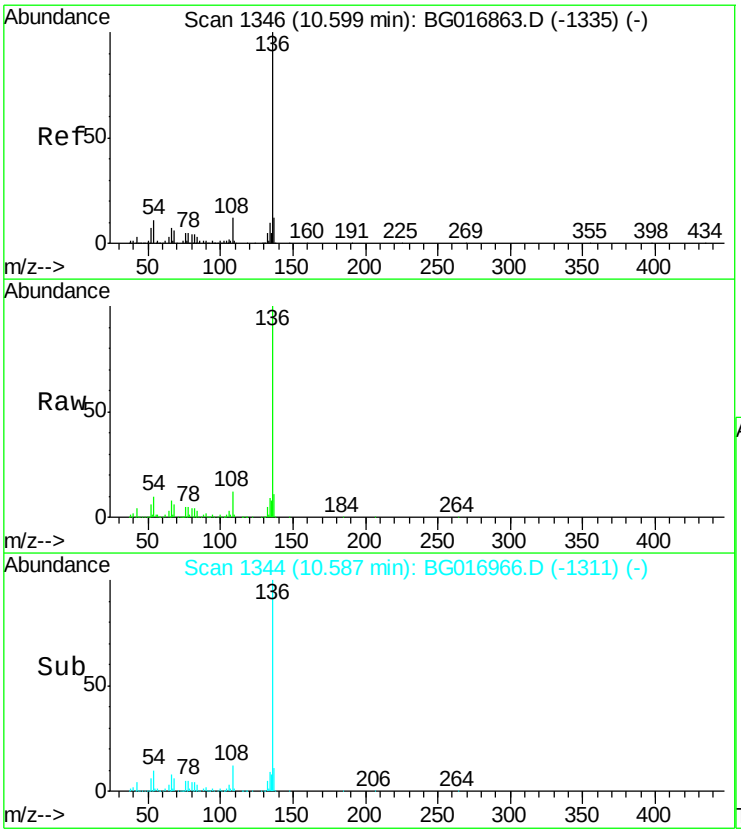
#7
Phenol-d6
Concen: 30.45 ng
RT: 6.96 min Scan# 726
Delta R.T. -0.01 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Instrument :
BNA_G
ClientSampleId :
MPE-15

Tgt Ion: 99 Resp: 202090

Ion	Ratio	Lower	Upper
99	100		
42	27.8	22.1	33.1
71	42.6	33.4	50.0

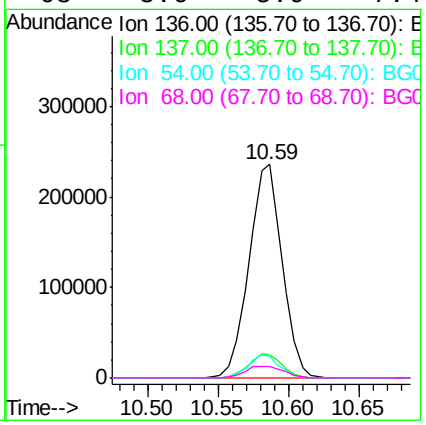


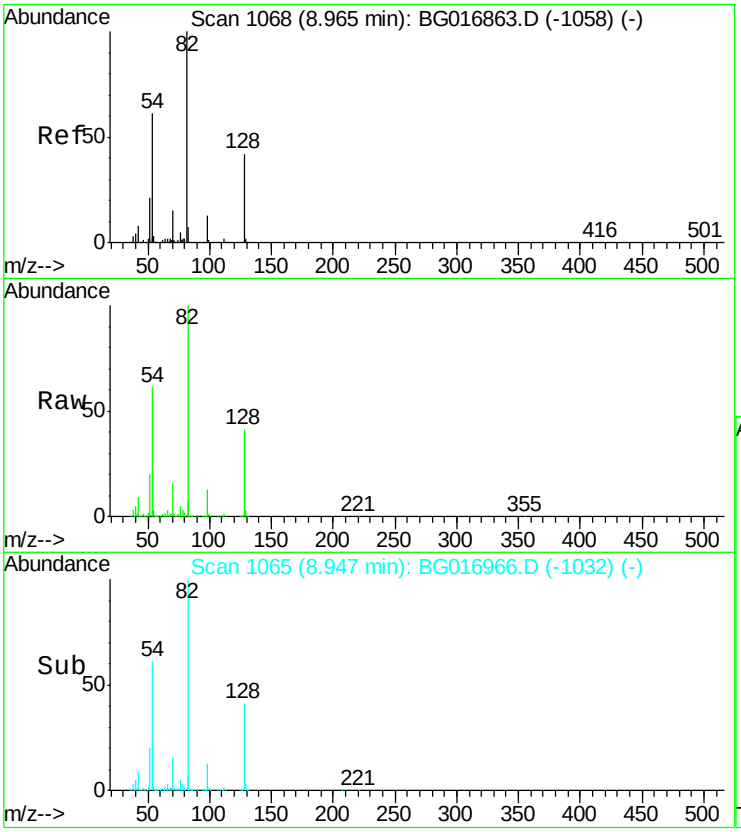


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Tgt Ion:136 Resp: 389895

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.8
54	10.4	8.7	13.1
68	5.6	5.0	7.4



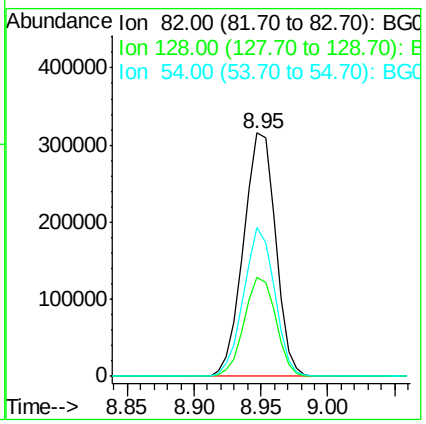


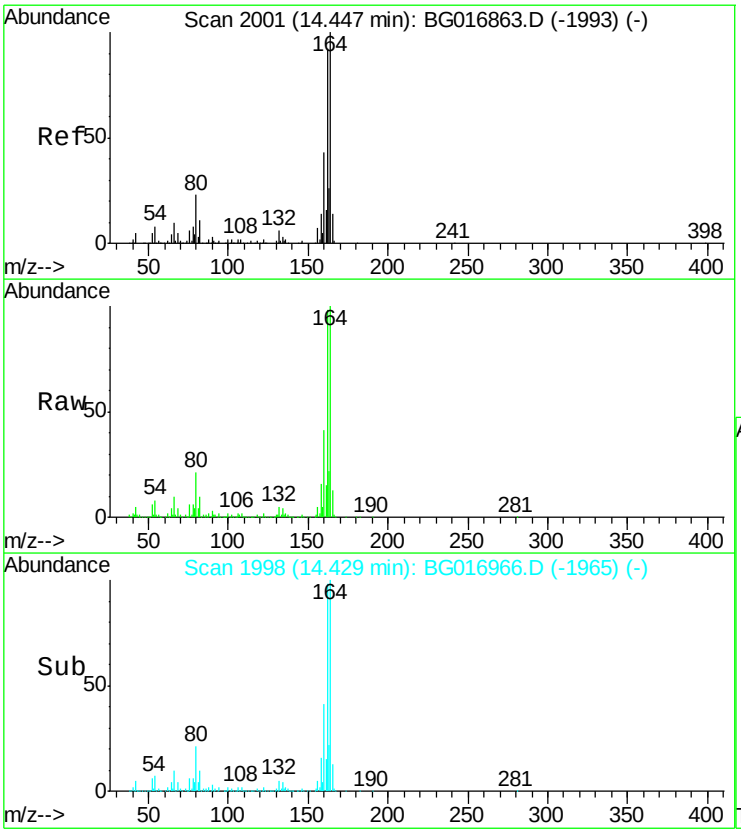
#23
Nitrobenzene-d5
Concen: 65.59 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Instrument :
BNA_G
ClientSampleId :
MPE-15

Tgt Ion: 82 Resp: 523506

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.2	49.8
54	61.3	48.6	72.8

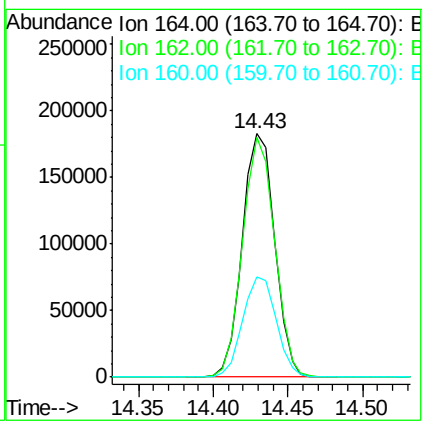


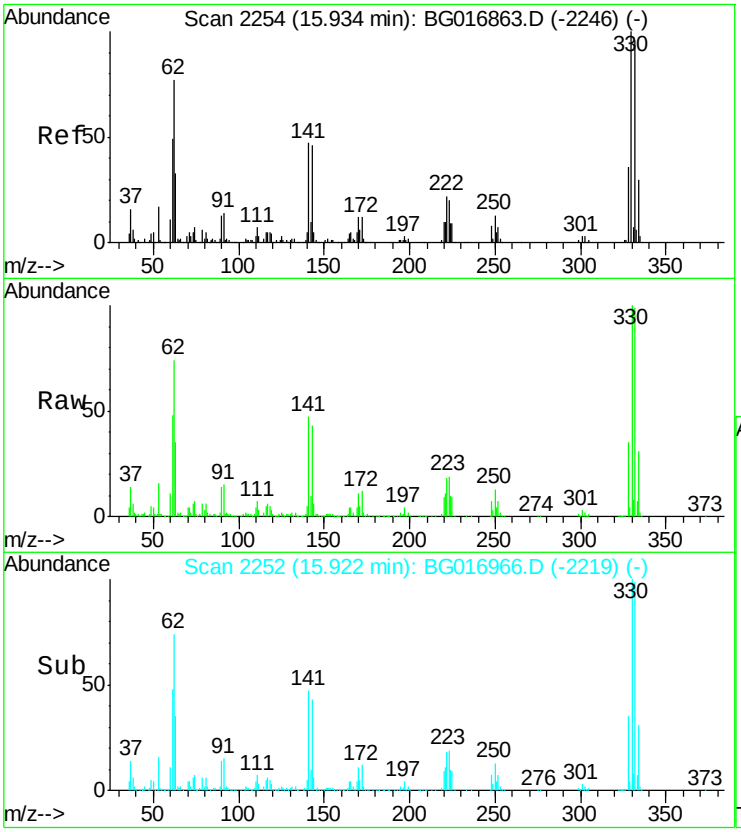


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Tgt Ion:164 Resp: 273868

Ion	Ratio	Lower	Upper
164	100		
162	98.4	74.0	111.0
160	41.0	34.7	52.1



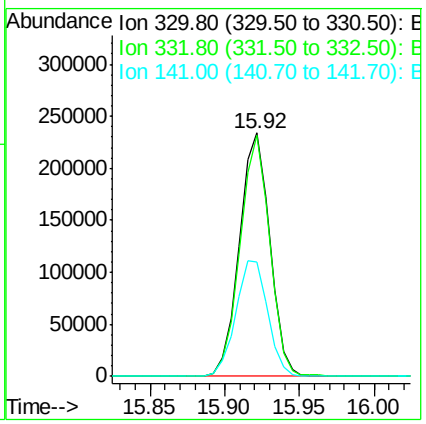


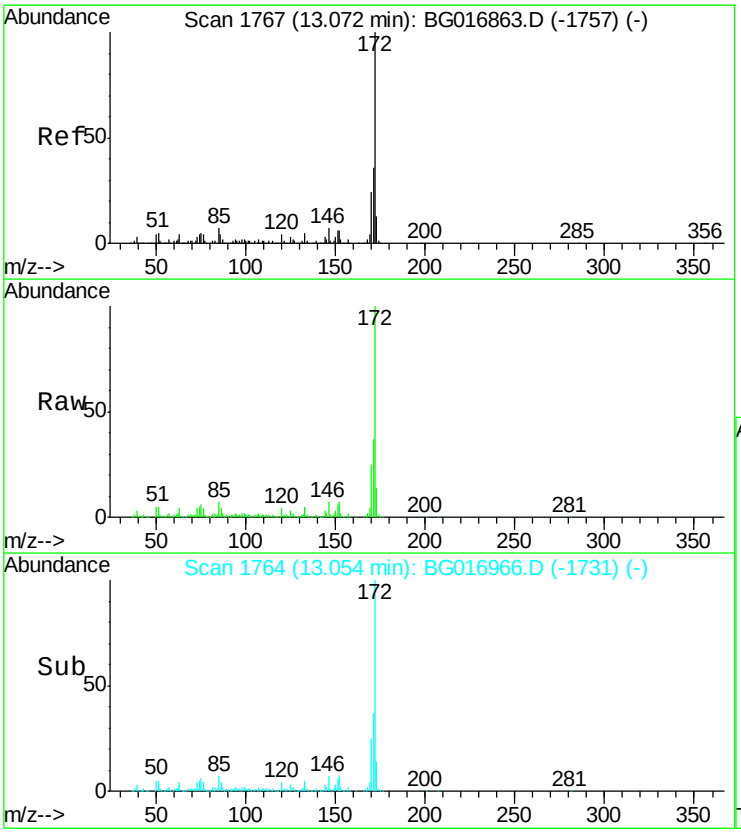
#41
2,4,6-Tribromophenol
Concen: 119.58 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Instrument :
BNA_G
ClientSampleId :
MPE-15

Tgt Ion:330 Resp: 328782

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	49.9	0.0	0.0#

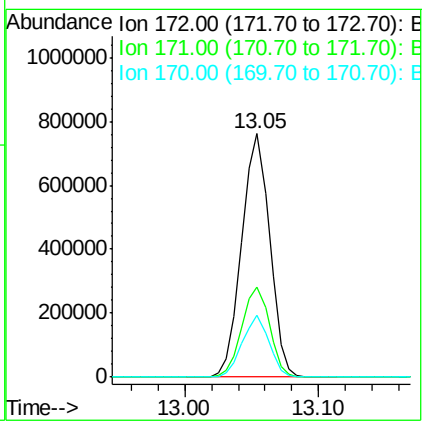


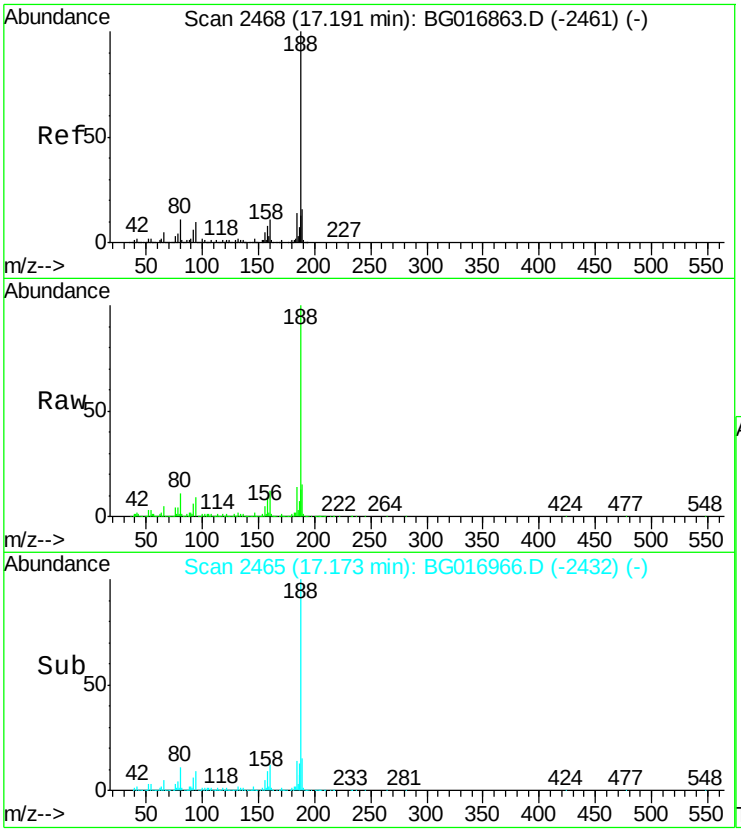


#44
2-Fluorobiphenyl
Concen: 60.60 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Tgt Ion:172 Resp: 1099798

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	25.2	19.0	28.4



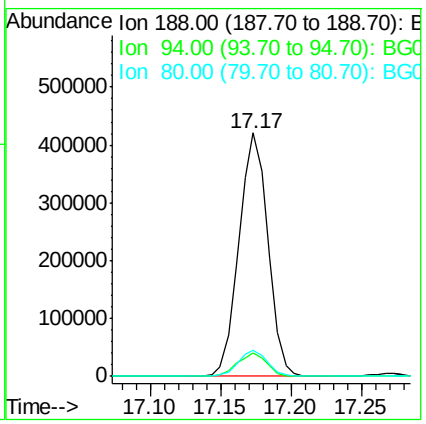


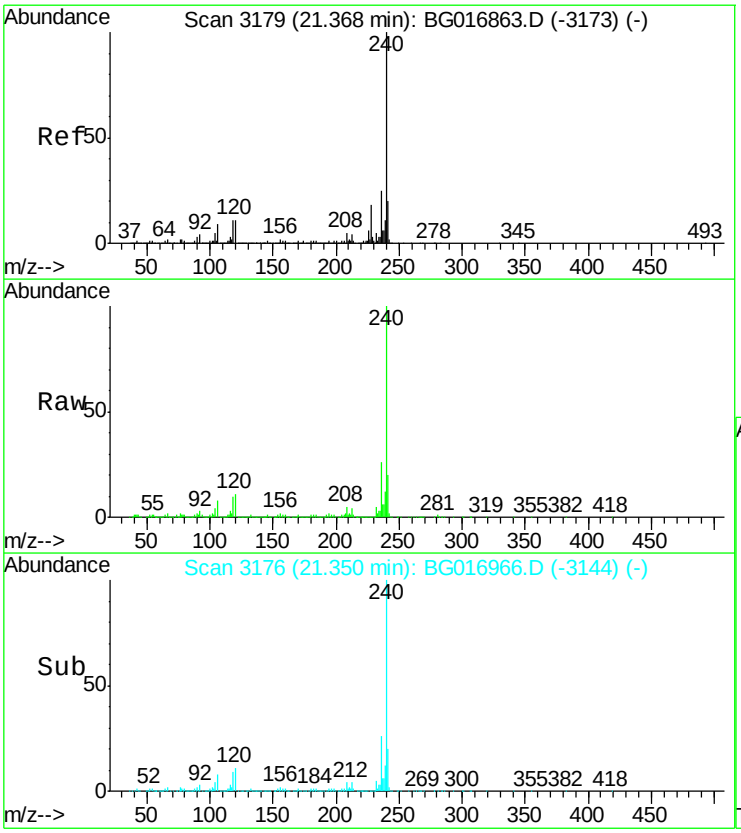
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Instrument :
BNA_G
ClientSampleId :
MPE-15

Tgt Ion:188 Resp: 601818

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.4
80	10.9	8.8	13.2

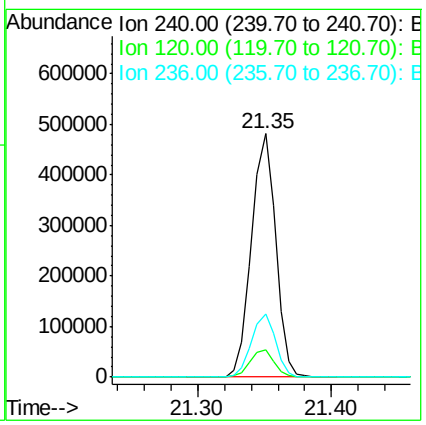


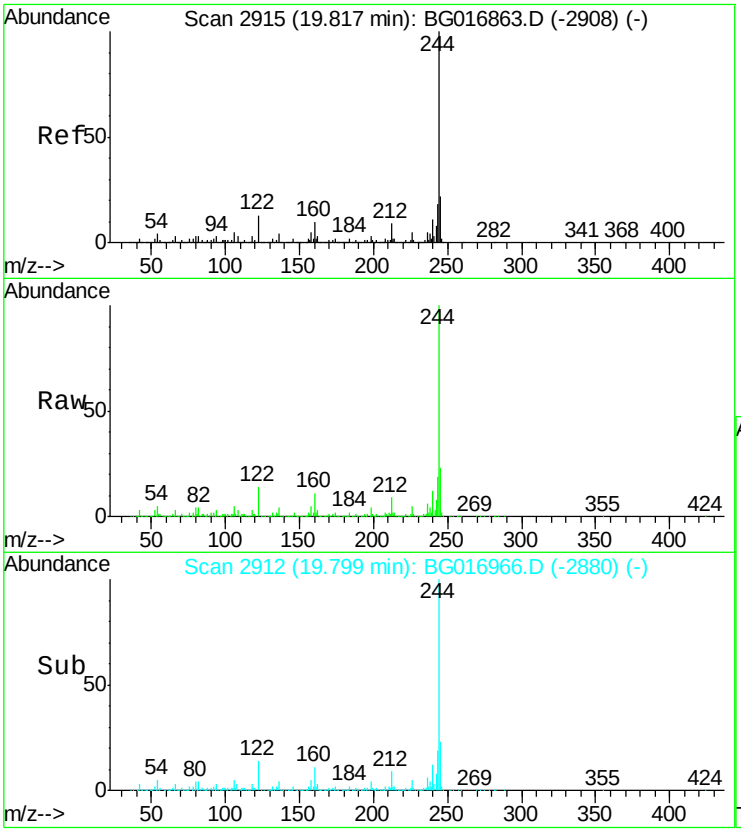


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Tgt Ion:240 Resp: 599977

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.1	13.7
236	25.8	20.2	30.4



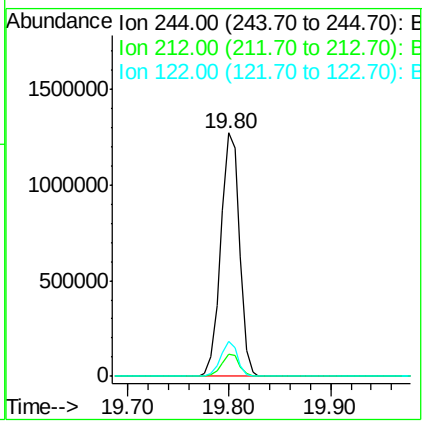


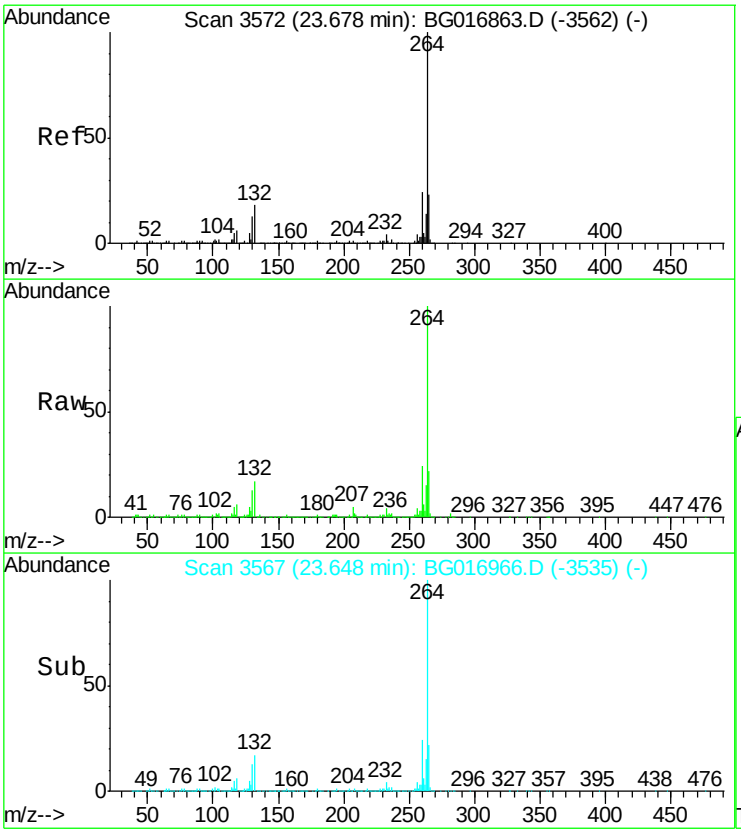
#78
Terphenyl-d14
Concen: 63.77 ng
RT: 19.80 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Instrument :
BNA_G
ClientSampleId :
MPE-15

Tgt Ion:244 Resp: 1632136

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	14.2	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG016966.D
Acq: 8 May 2015 20:38

Tgt Ion:264 Resp: 590299

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.9	18.5	27.7