Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091715\
Data File : BG018727.D
Acq On : 17 Sep 2015 4:31
Operator : TP
Sample : PB85576BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB85576BL

Quant Time: Sep 17 06:54:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 06:49:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37484	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	156946	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	112837	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	340172	20.00	ng	0.00
75) Chrysene-d12	21.62	240	373281	20.00	ng	0.00
86) Perylene-d12	24.81	264	364266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	272380	125.53	ng	0.00
7) Phenol-d6	7.16	99	376397	120.98	ng	0.00
23) Nitrobenzene-d5	9.16	82	207244	73.89	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	191651	126.14	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	594440	73.13	ng	0.00
78) Terphenyl-d14	19.98	244	1128618	79.40	ng	0.00

Target Compounds	Qvalue

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

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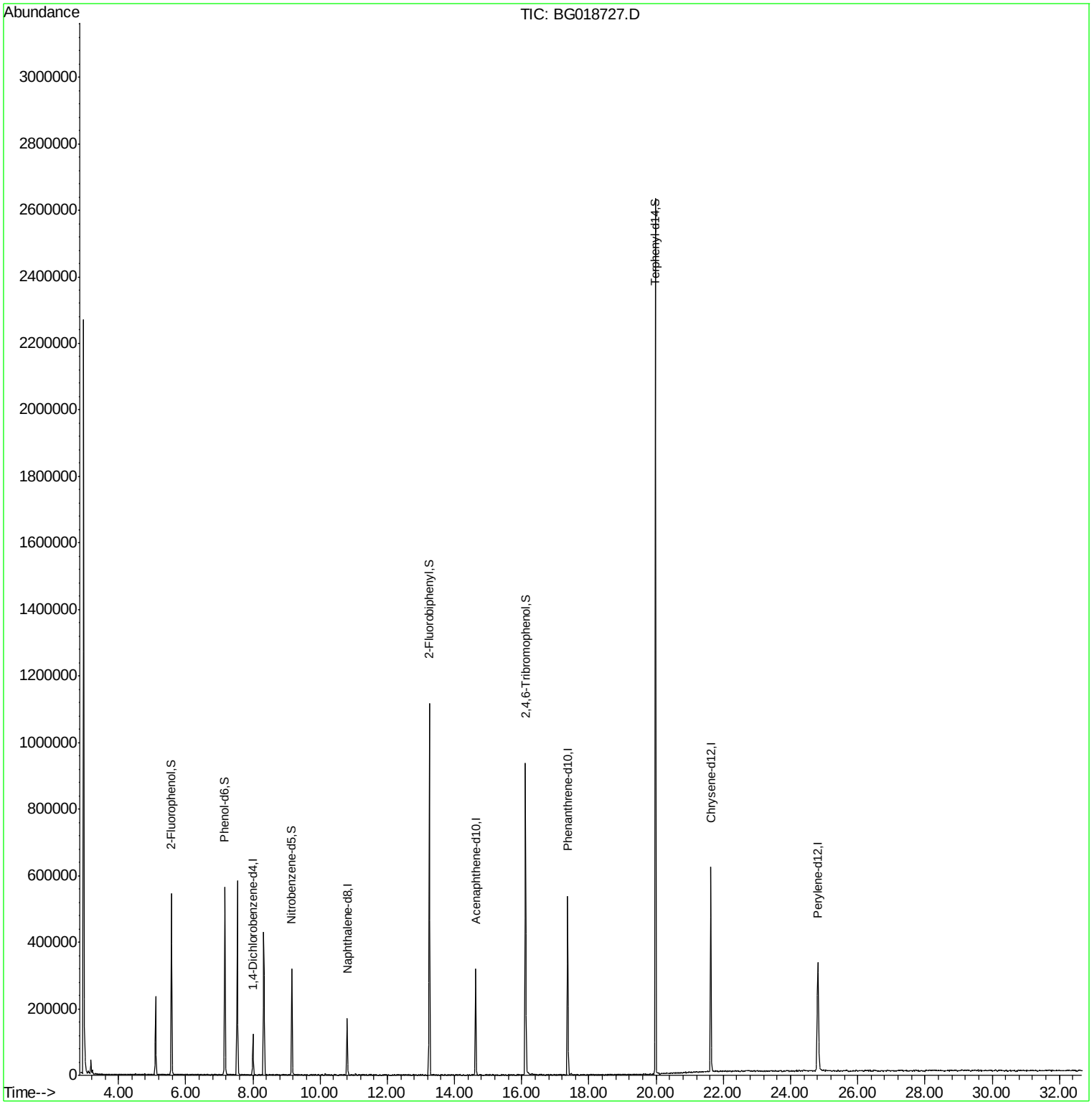
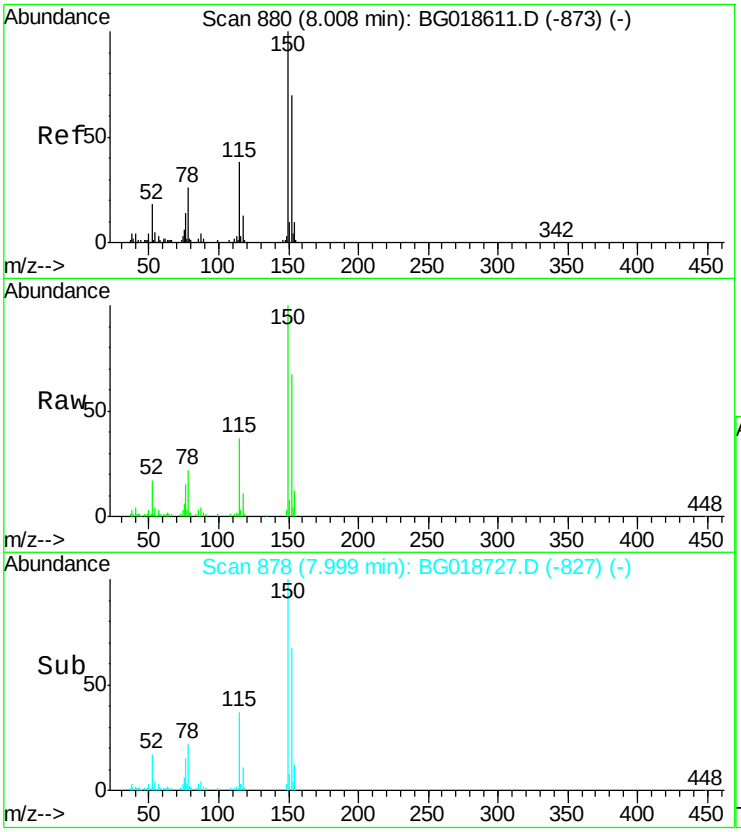


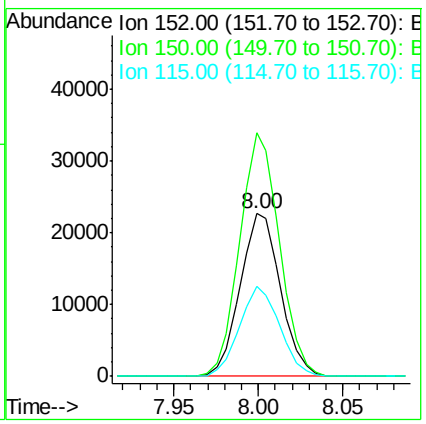


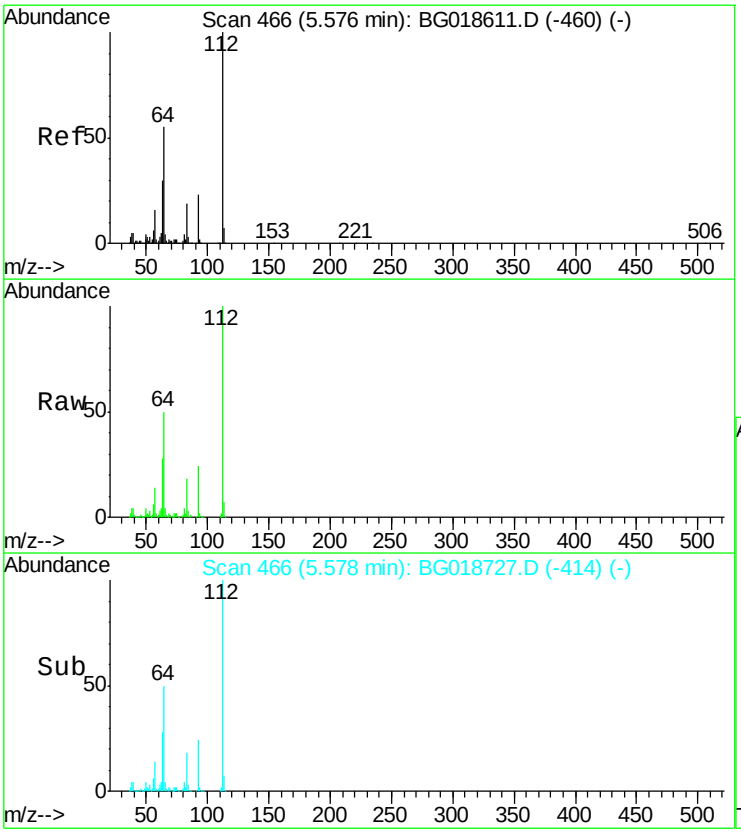
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Instrument :
BNA_G
ClientSampleId :
PB85576BL

Tgt Ion:152 Resp: 37484

Ion	Ratio	Lower	Upper
152	100		
150	149.6	115.0	172.4
115	55.5	43.9	65.9

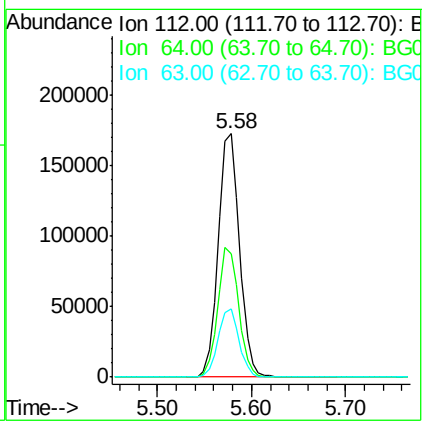


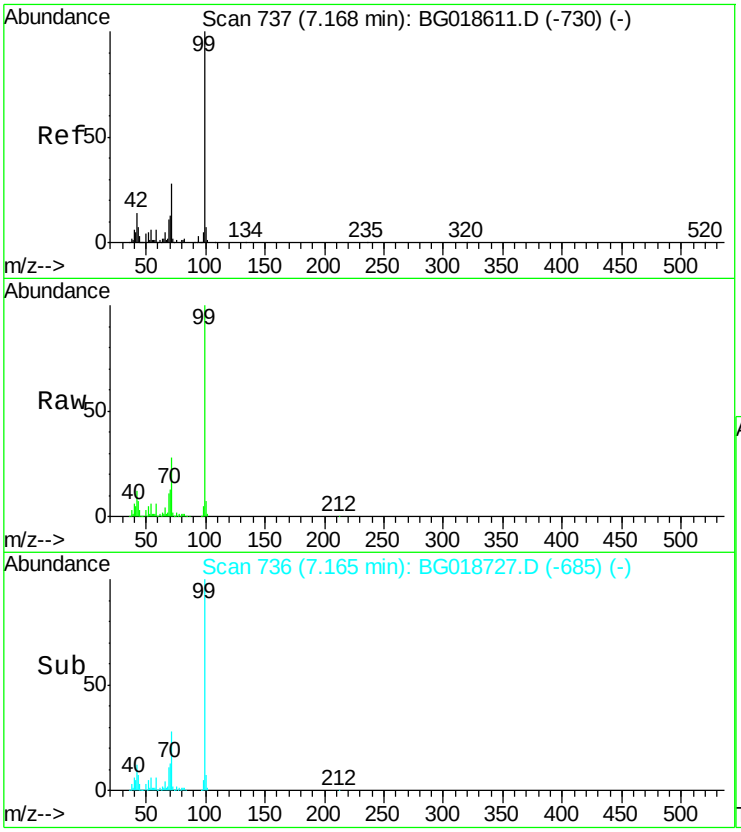


#5
2-Fluorophenol
Concen: 125.53 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Tgt Ion:112 Resp: 272380

Ion	Ratio	Lower	Upper
112	100		
64	50.5	43.7	65.5
63	28.2	24.0	36.0



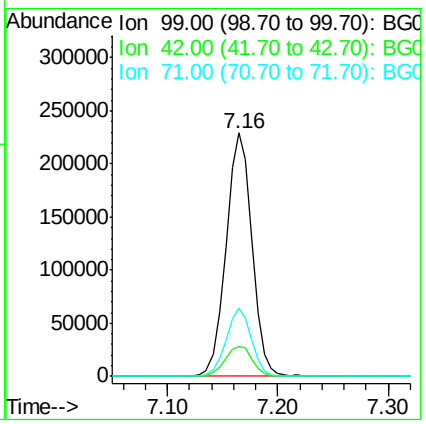


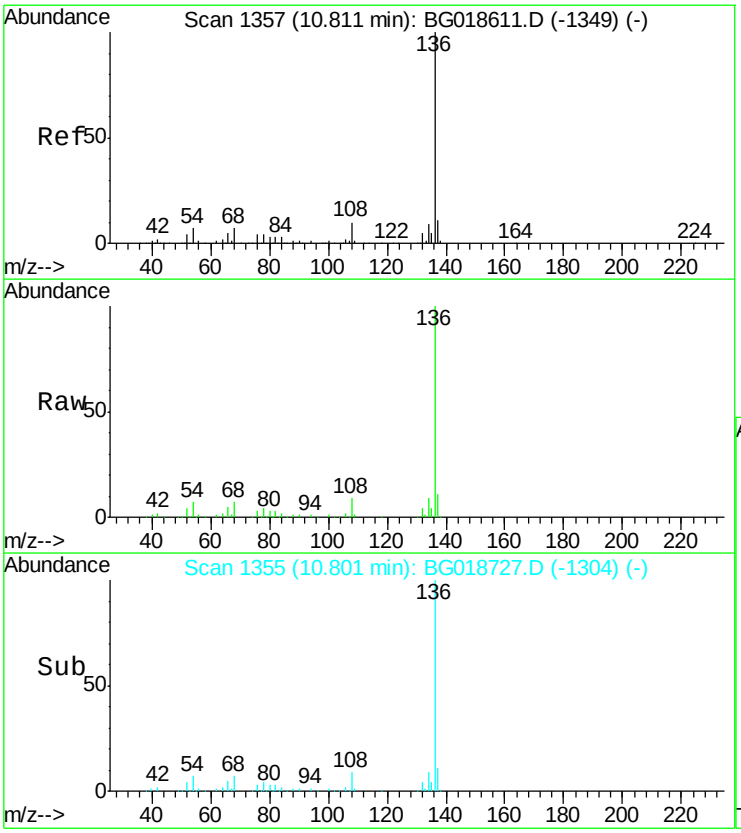
#7
Phenol-d6
Concen: 120.98 ng
RT: 7.16 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Instrument :
BNA_G
ClientSampleId :
PB85576BL

Tgt Ion: 99 Resp: 376397

Ion	Ratio	Lower	Upper
99	100		
42	12.5	11.5	17.3
71	27.8	22.6	34.0

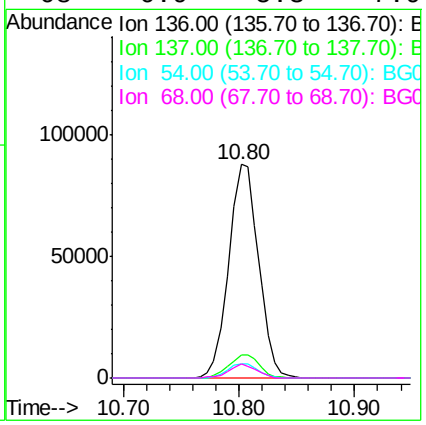


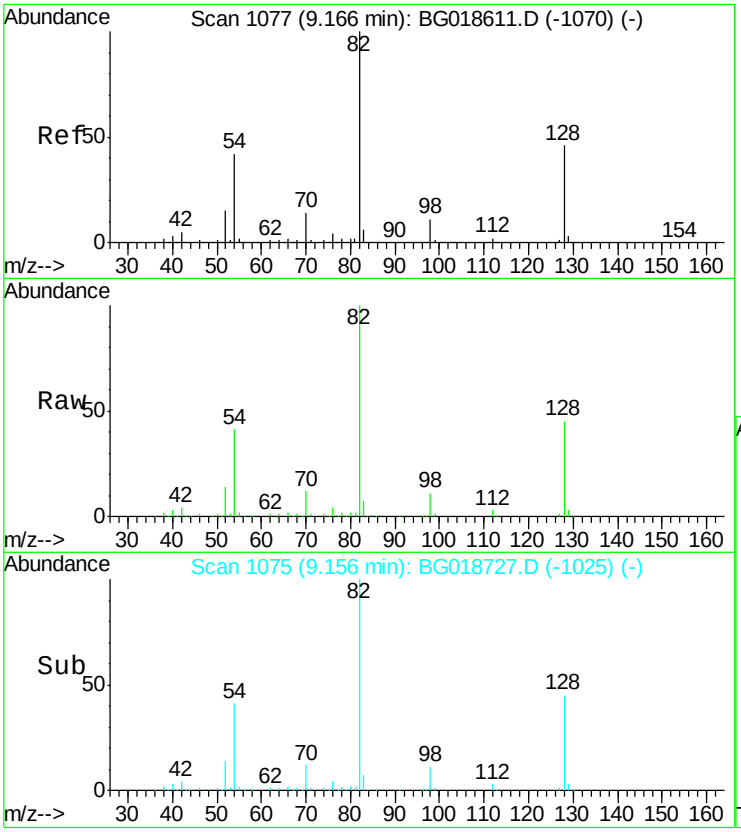


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.80 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Tgt Ion:136 Resp: 156946

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.9	5.4	8.2
68	6.9	5.3	7.9



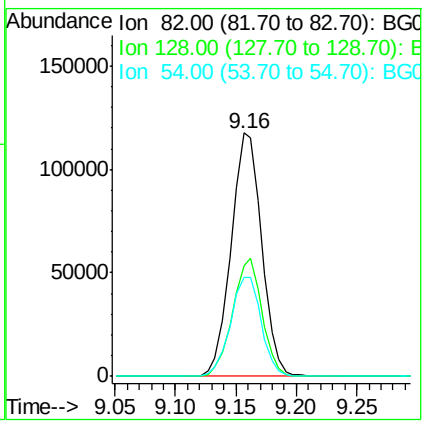


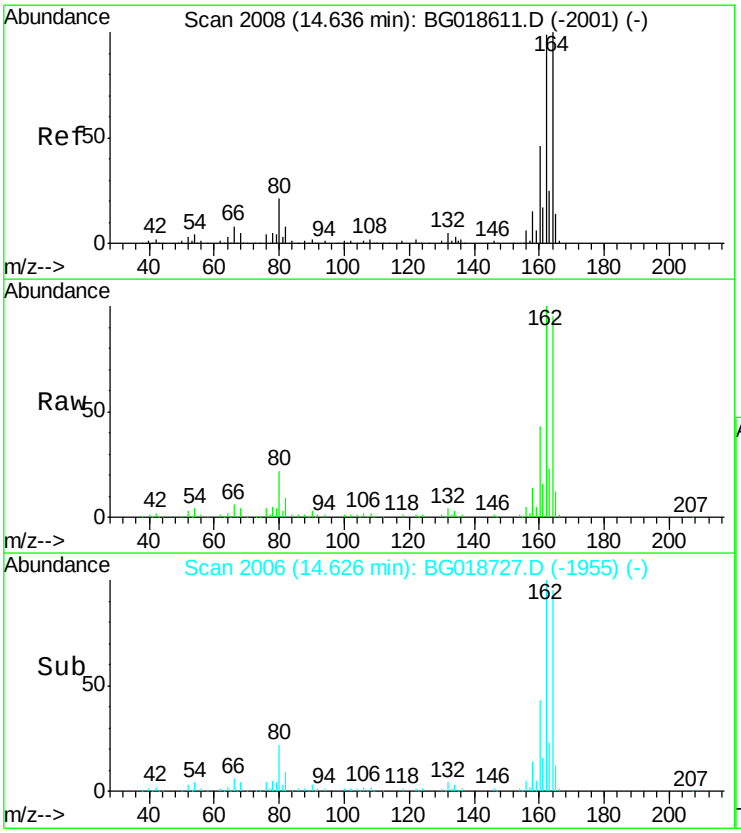
#23
Nitrobenzene-d5
Concen: 73.89 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Instrument :
BNA_G
ClientSampleId :
PB85576BL

Tgt Ion: 82 Resp: 207244

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.7	55.1
54	40.7	33.8	50.8

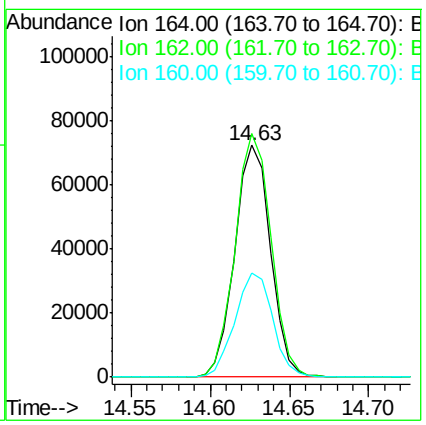


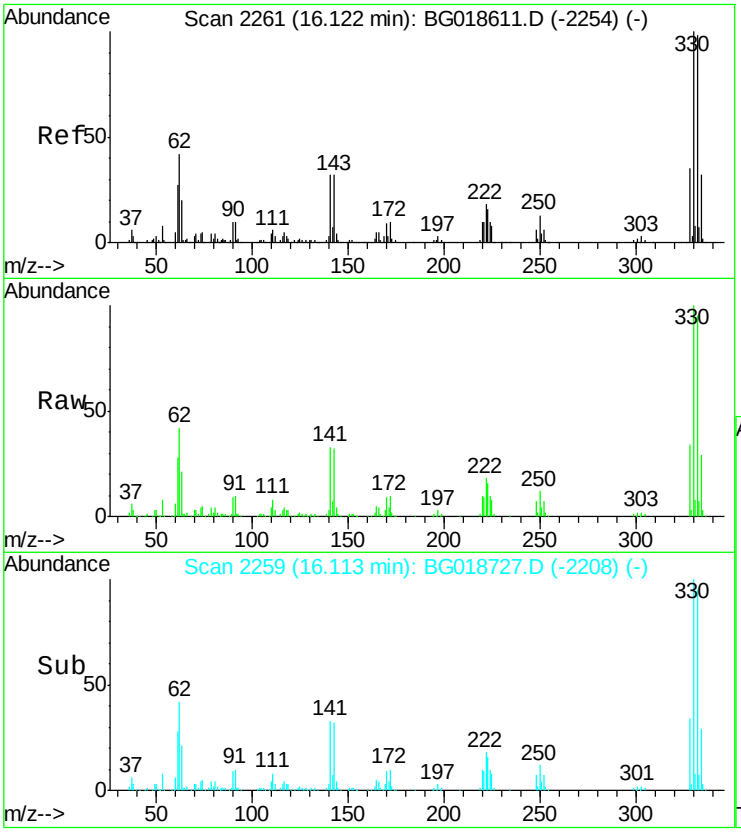


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Tgt Ion:164 Resp: 112837

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	44.9	36.4	54.6



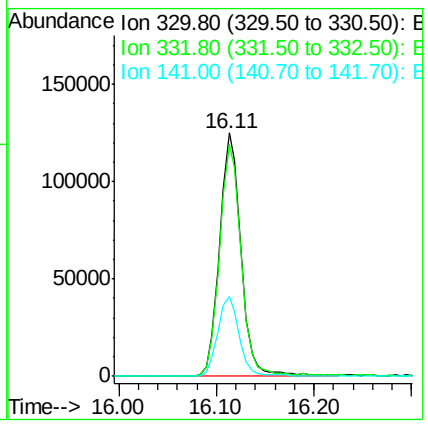


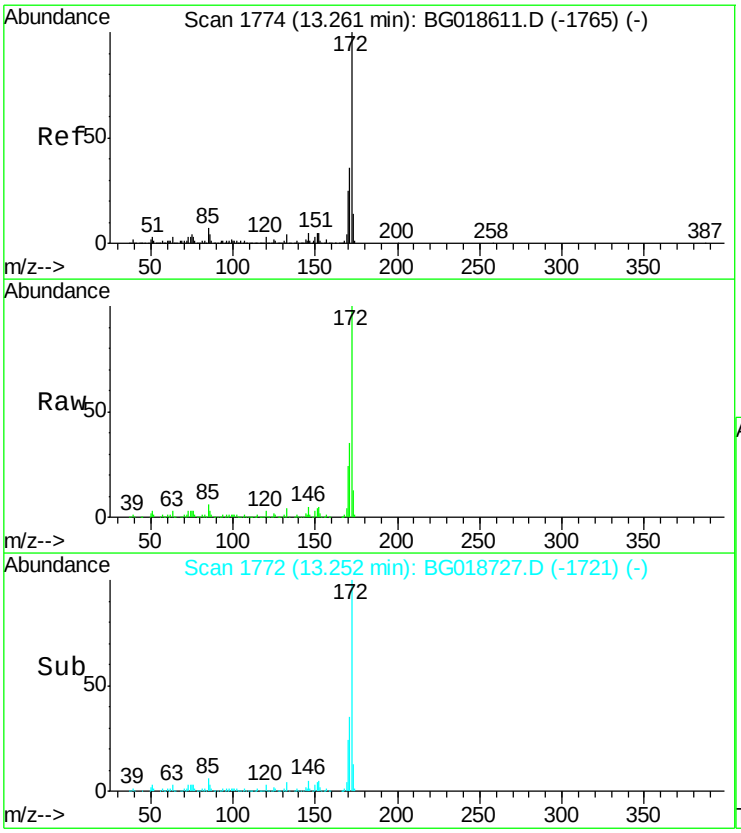
#41
2,4,6-Tribromophenol
Concen: 126.14 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Instrument :
BNA_G
ClientSampleId :
PB85576BL

Tgt Ion:330 Resp: 191651

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.1	117.1
141	33.3	28.2	42.2

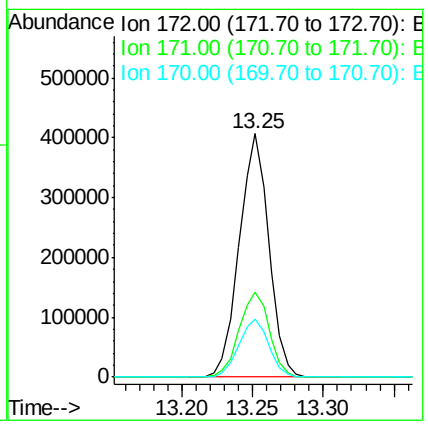


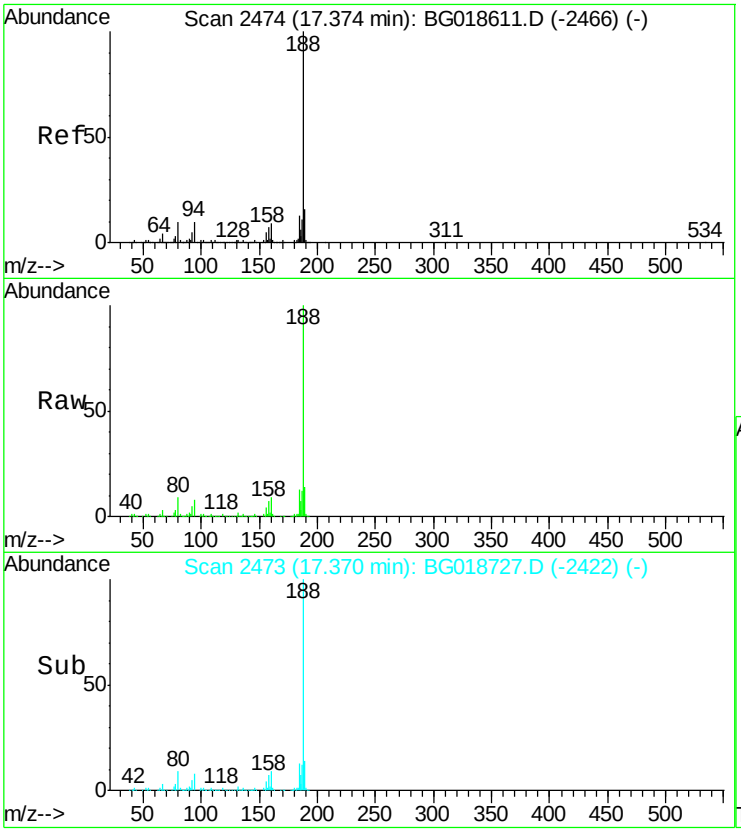


#44
2-Fluorobiphenyl
Concen: 73.13 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Tgt Ion:172 Resp: 594440

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	24.0	19.9	29.9



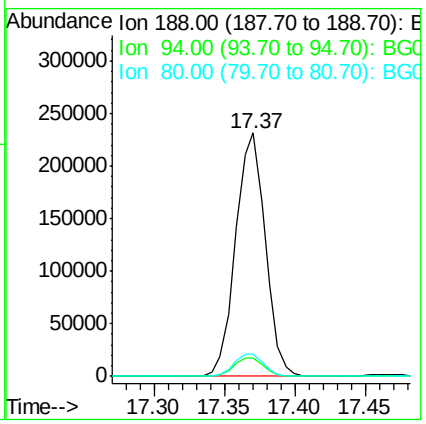


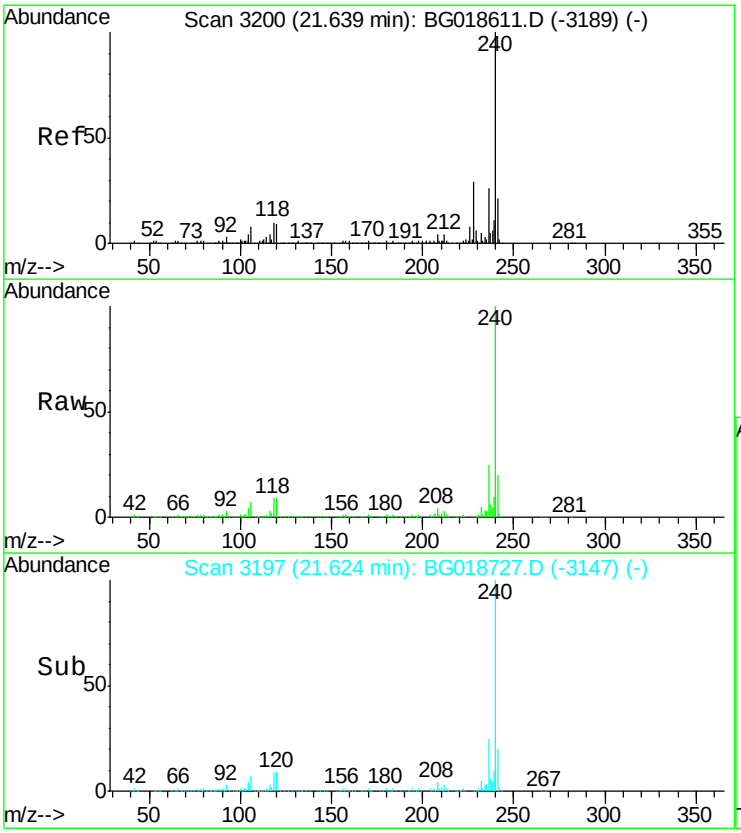
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Instrument :
BNA_G
ClientSampleId :
PB85576BL

Tgt Ion:188 Resp: 340172

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	8.9	7.8	11.8

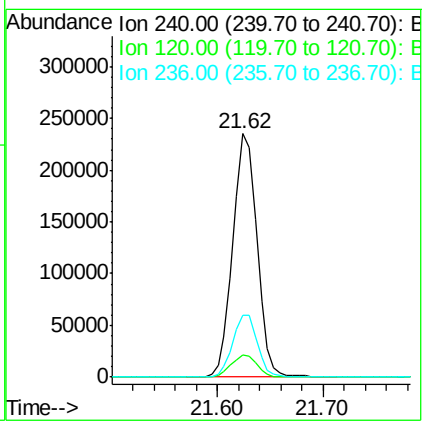


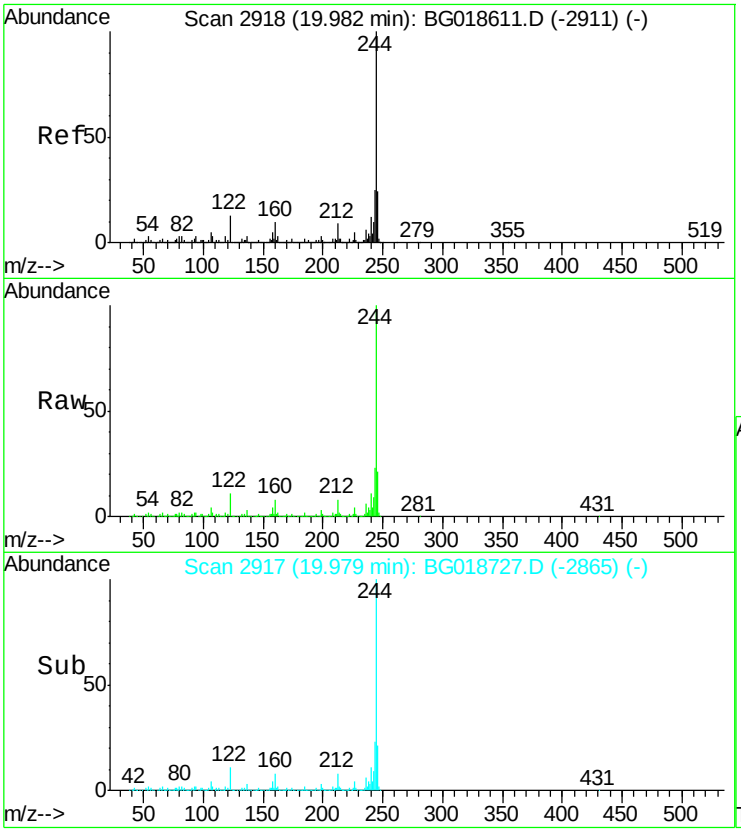


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Tgt Ion:240 Resp: 373281

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.4	11.0
236	25.2	20.7	31.1



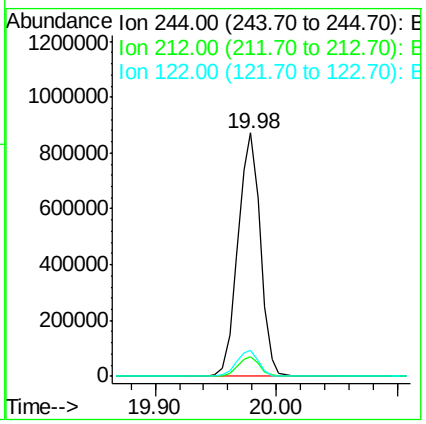


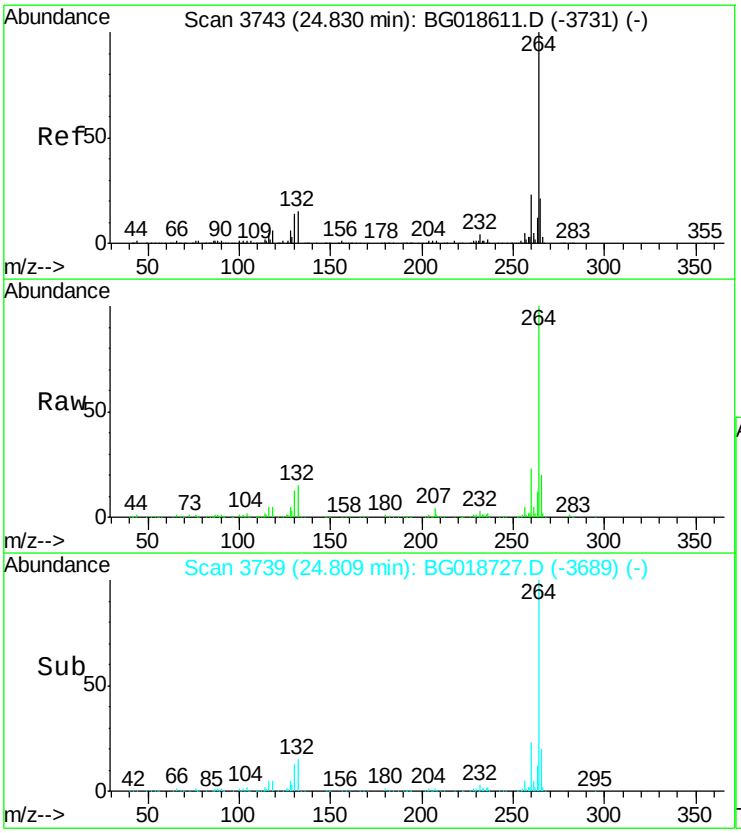
#78
Terphenyl-d14
Concen: 79.40 ng
RT: 19.98 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Instrument :
BNA_G
ClientSampleId :
PB85576BL

Tgt Ion:244 Resp: 1128618

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	10.6	10.2	15.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3739
Delta R.T. -0.01 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Tgt Ion:264 Resp: 364266

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	19.7	17.2	25.8