Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
Data File : BG027579.D
Acq On : 22 Jun 2017 3:49
Operator : SJ/JU
Sample : PB99928BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB99928BL

Quant Time: Jun 22 07:47:31 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	19765	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	88827	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	53953	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	172096	20.00	ng	0.00
75) Chrysene-d12	22.21	240	200976	20.00	ng	0.00
86) Perylene-d12	25.86	264	196082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	177616	127.90	ng	0.01
7) Phenol-d6	7.65	99	242114	117.76	ng	0.00
23) Nitrobenzene-d5	9.68	82	148288	78.99	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	117368	145.92	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	322089	81.55	ng	0.00
78) Terphenyl-d14	20.42	244	748207	87.71	ng	0.00
Target Compounds						Qvalue

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

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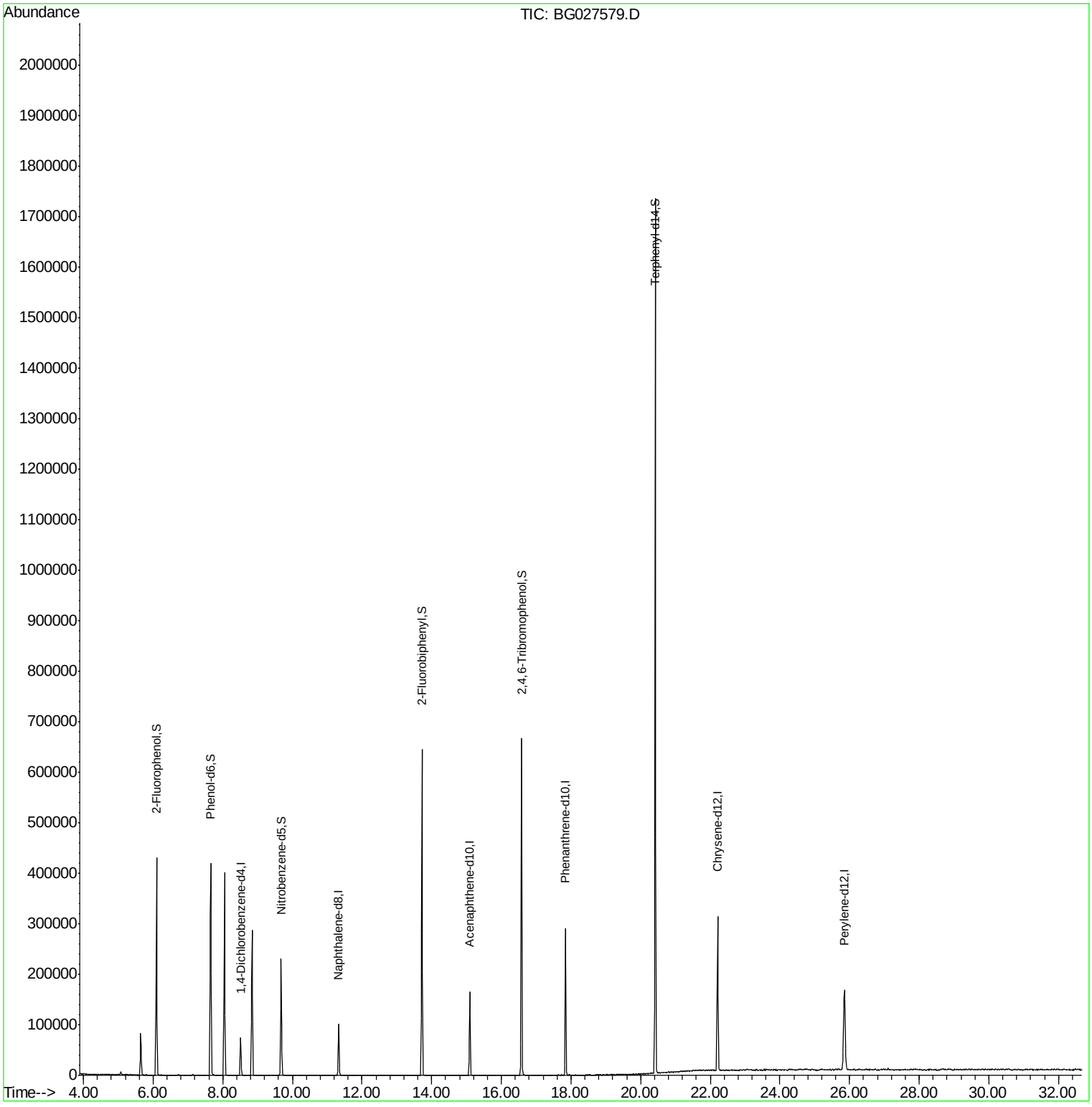
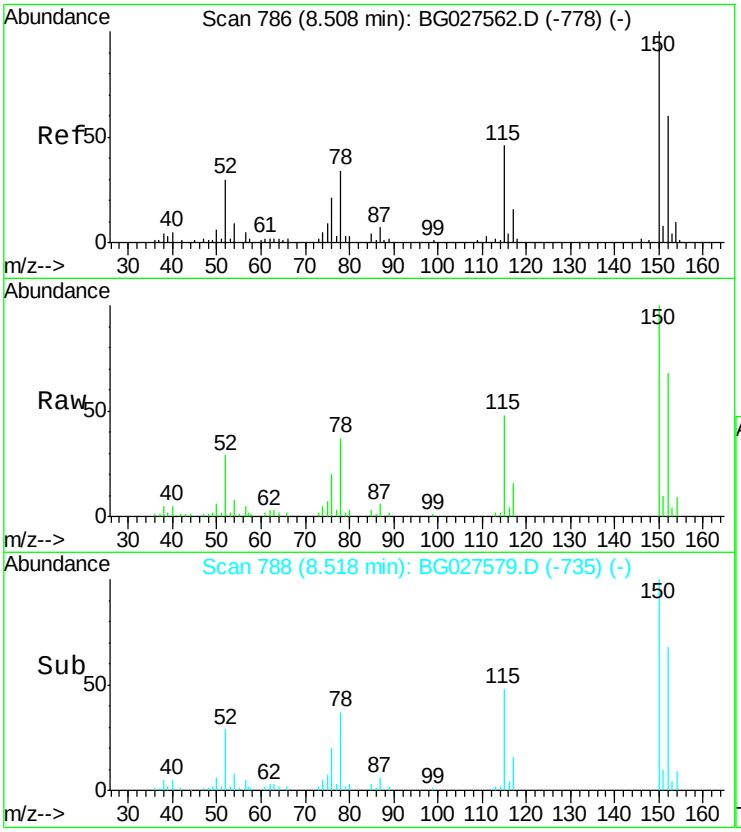


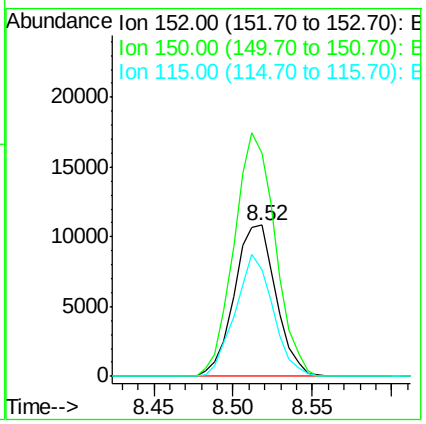


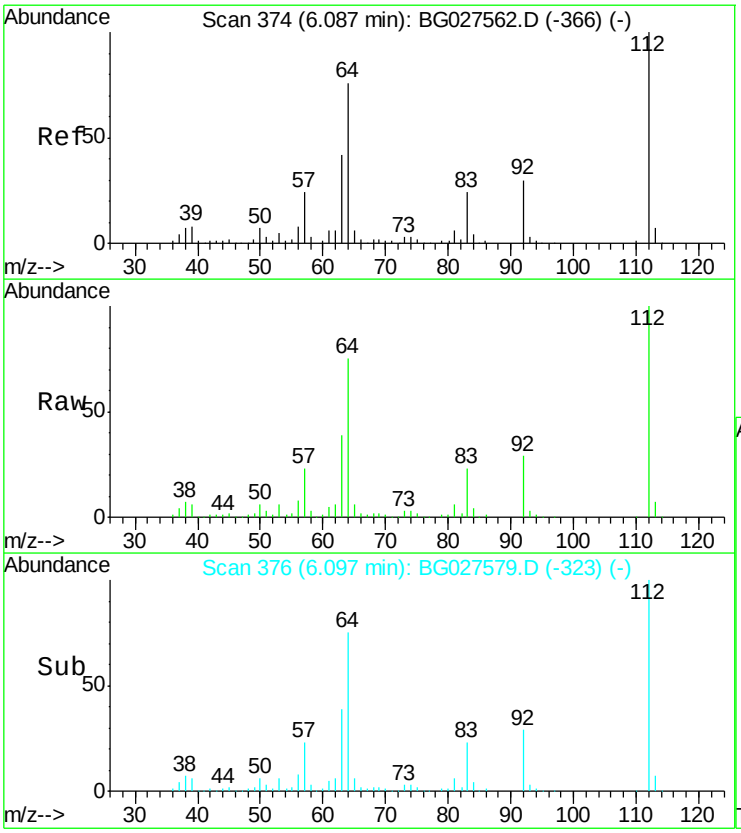
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.52 min Scan# 788
Delta R.T. 0.01 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Instrument :
BNA_G
ClientSampleId :
PB99928BL

Tgt Ion:152 Resp: 19765

Ion	Ratio	Lower	Upper
152	100		
150	147.6	114.0	171.0
115	70.3	48.1	72.1

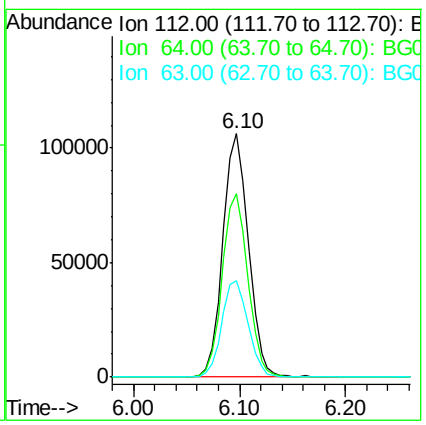


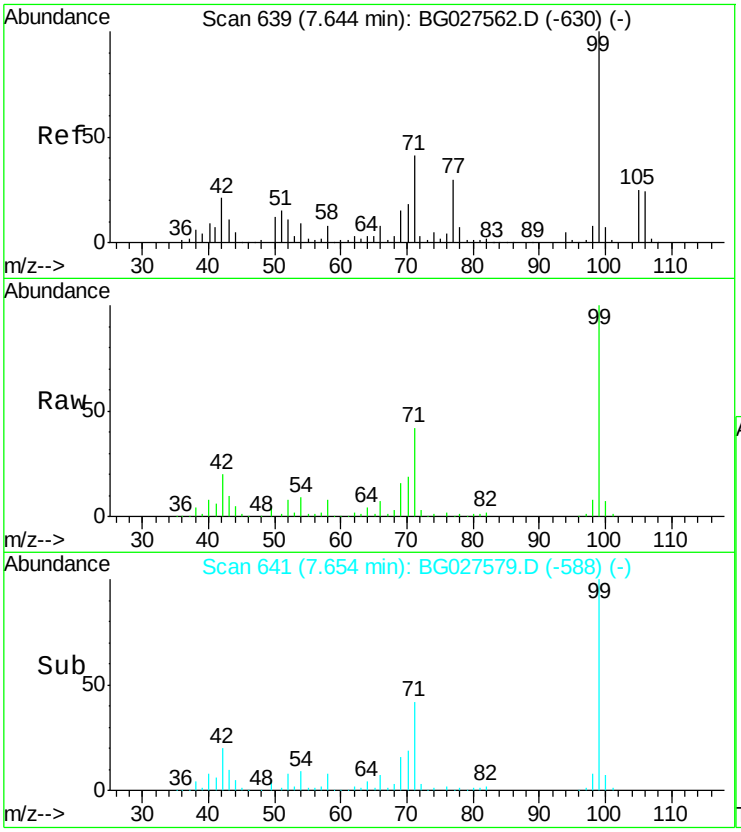


#5
2-Fluorophenol
Concen: 127.896 ng
RT: 6.10 min Scan# 376
Delta R.T. 0.01 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Tgt Ion:112 Resp: 177616

Ion	Ratio	Lower	Upper
112	100		
64	75.2	61.8	92.6
63	39.5	37.2	55.8



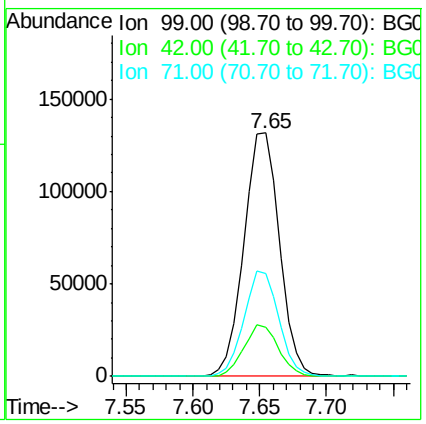


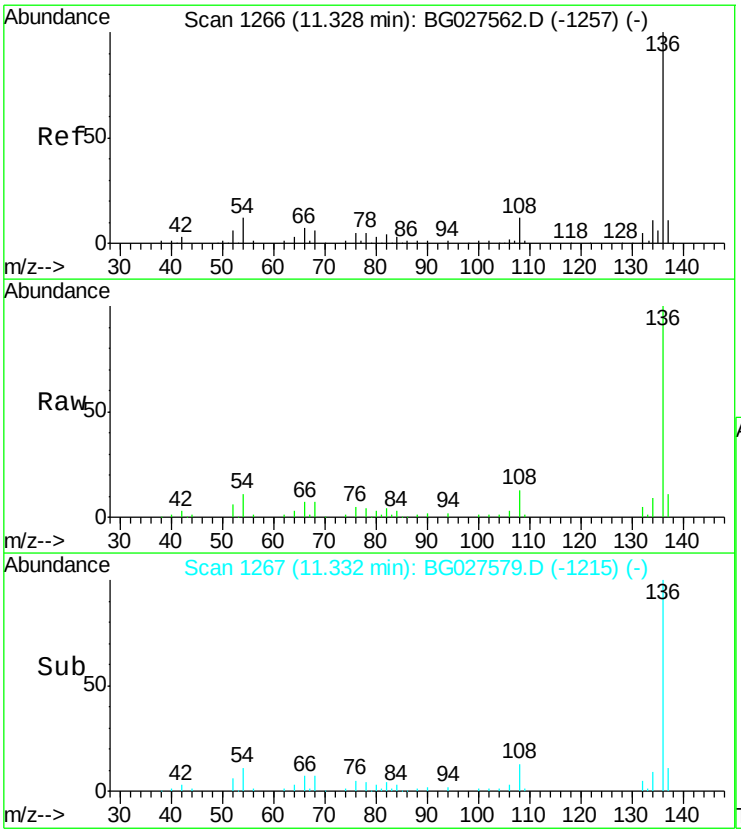
#7
Phenol-d6
Concen: 117.765 ng
RT: 7.65 min Scan# 641
Delta R.T. 0.01 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Instrument :
BNA_G
ClientSampleId :
PB99928BL

Tgt Ion: 99 Resp: 242114

Ion	Ratio	Lower	Upper
99	100		
42	20.0	20.5	30.7#
71	42.5	37.6	56.4

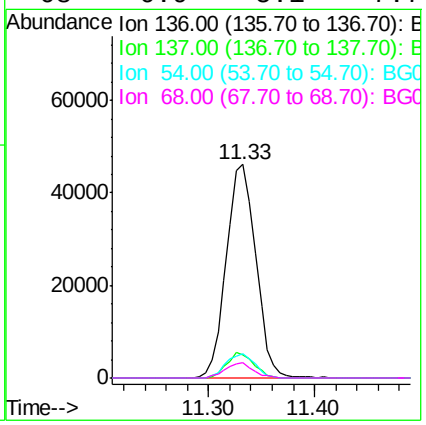


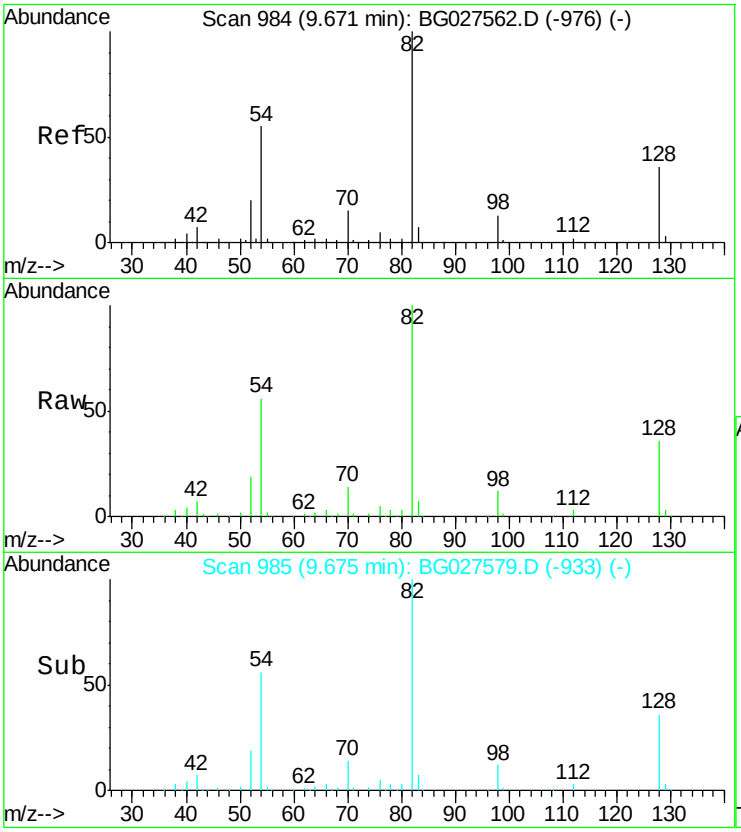


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.33 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Tgt Ion:136 Resp: 88827

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.3	9.3	13.9
68	6.9	5.1	7.7



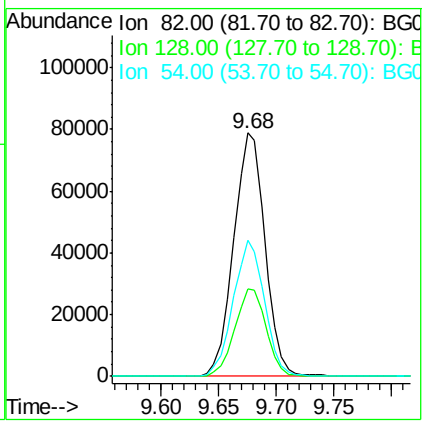


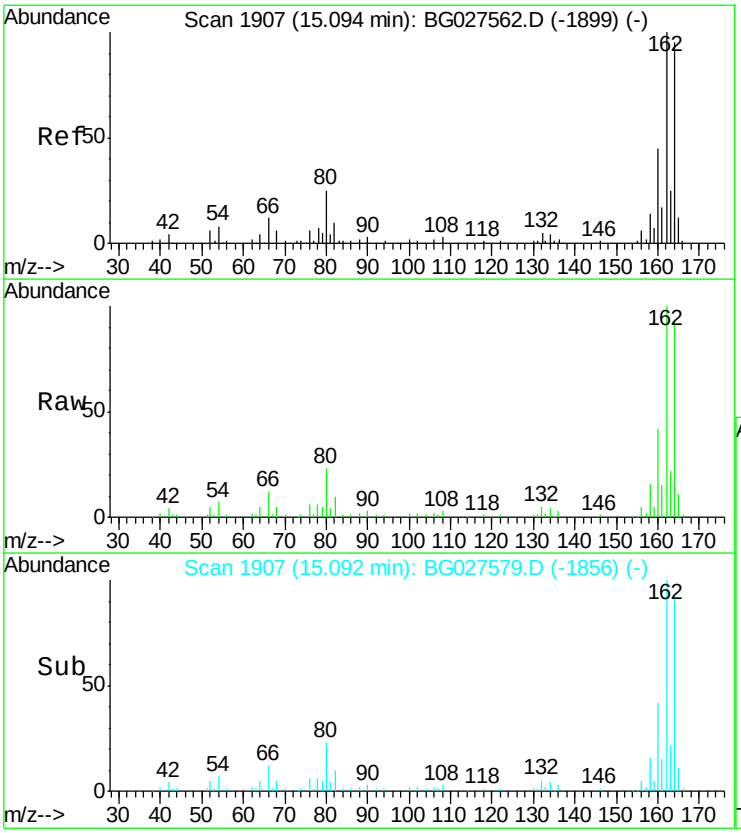
#23
Nitrobenzene-d5
Concen: 78.994 ng
RT: 9.68 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Instrument :
BNA_G
ClientSampleId :
PB99928BL

Tgt Ion: 82 Resp: 148288

Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.4	39.6
54	56.1	49.4	74.2

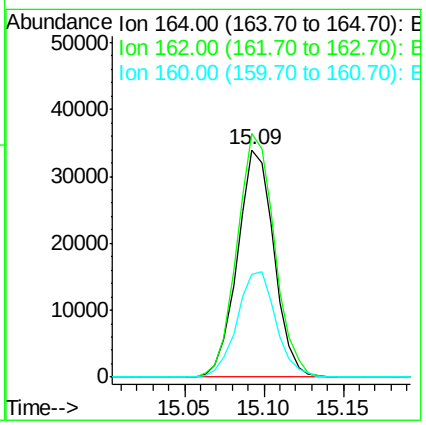


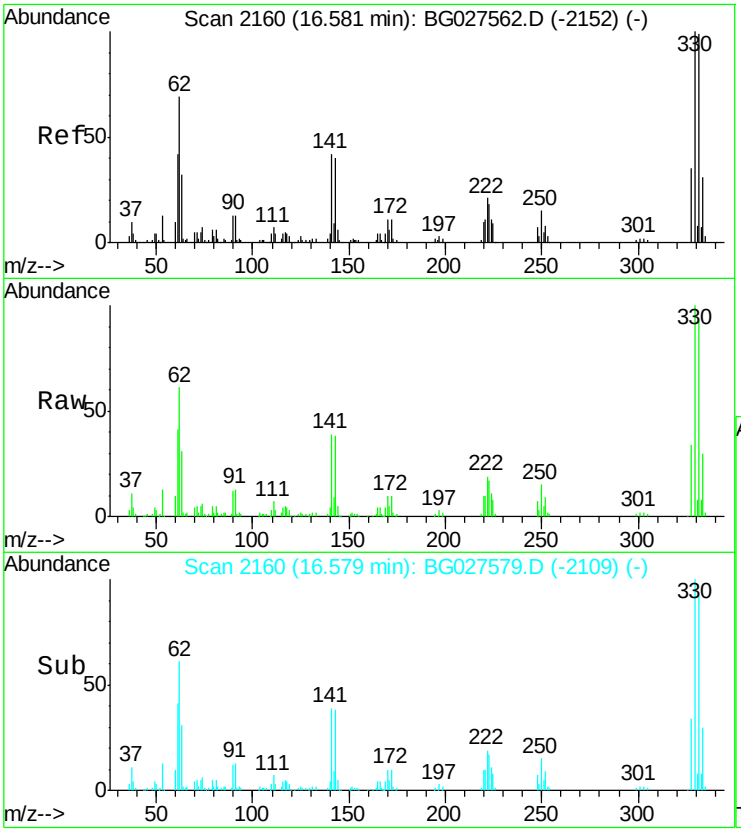


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.09 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Tgt Ion:164 Resp: 53953

Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	45.3	34.7	52.1



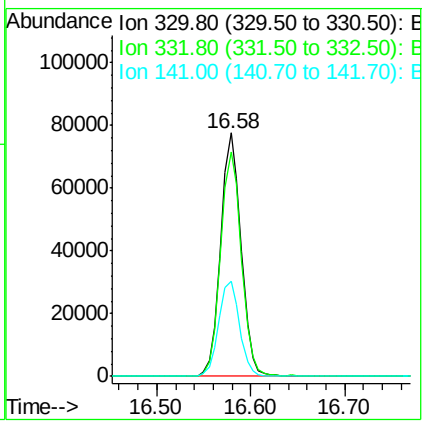


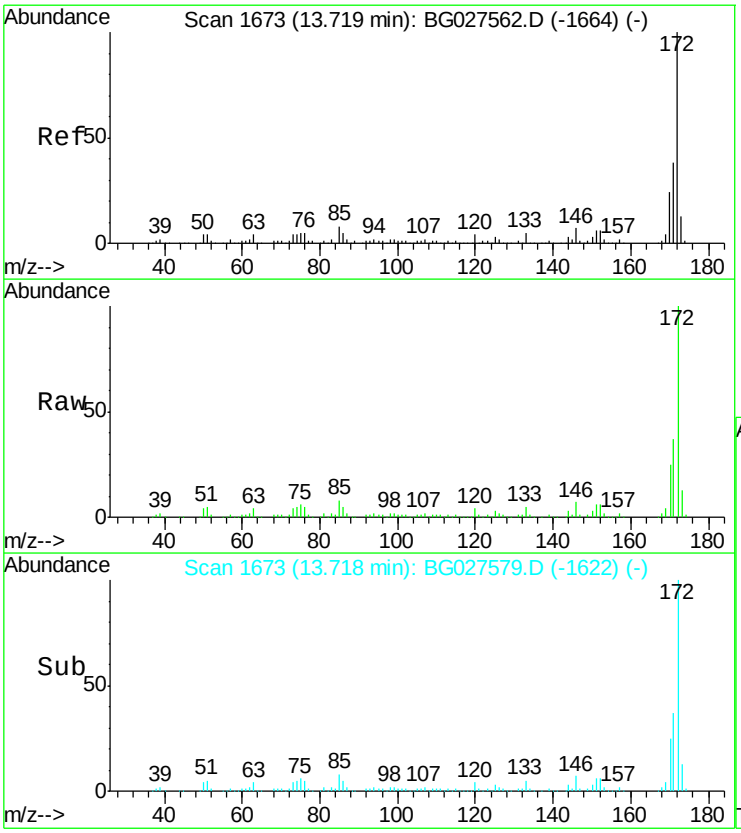
#41
2,4,6-Tribromophenol
Concen: 145.916 ng
RT: 16.58 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Instrument :
BNA_G
ClientSampleId :
PB99928BL

Tgt Ion:330 Resp: 117368

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.3	115.9
141	40.2	32.1	48.1

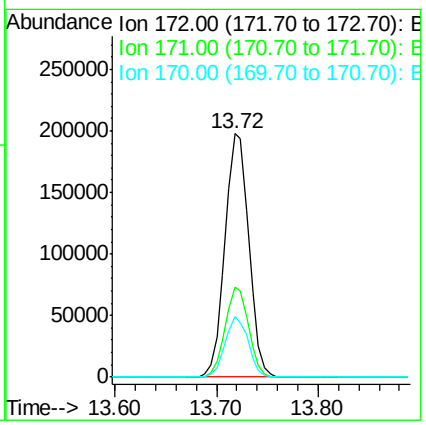


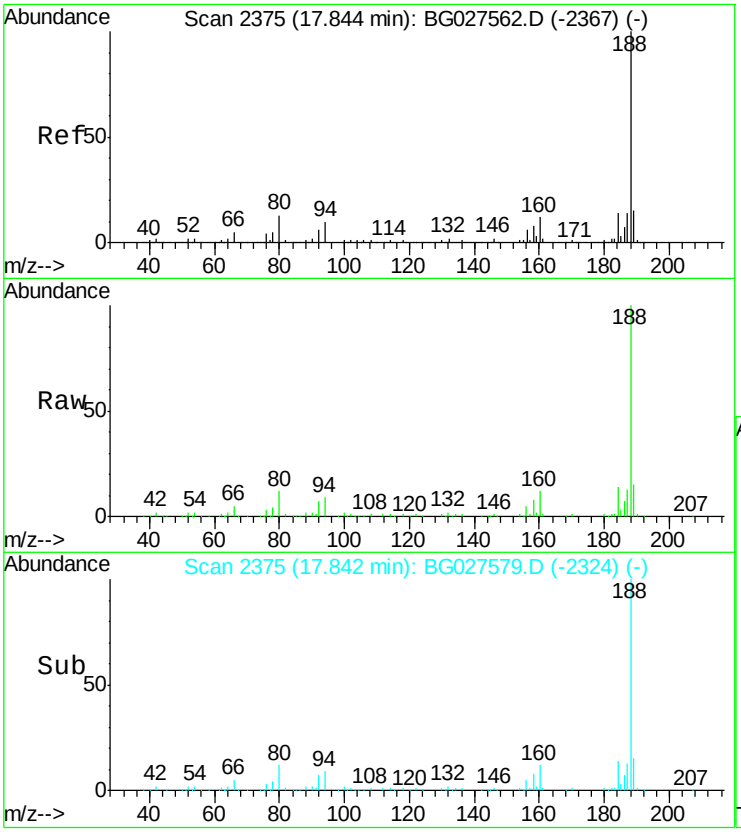


#44
2-Fluorobiphenyl
Concen: 81.547 ng
RT: 13.72 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Tgt Ion:172 Resp: 322089

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.6	21.8	32.6



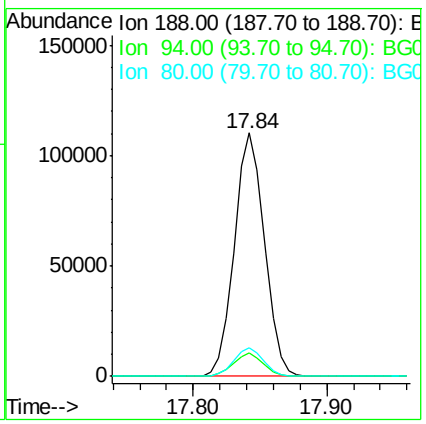


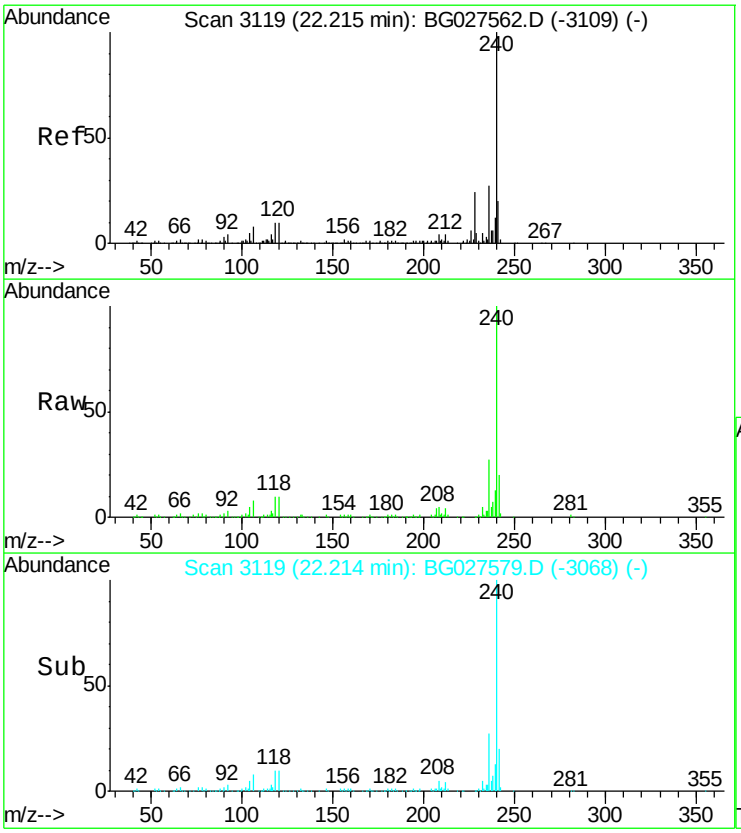
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Instrument :
BNA_G
ClientSampleId :
PB99928BL

Tgt Ion:188 Resp: 172096

Ion	Ratio	Lower	Upper
188	100		
94	9.5	5.8	8.8#
80	11.9	7.5	11.3#

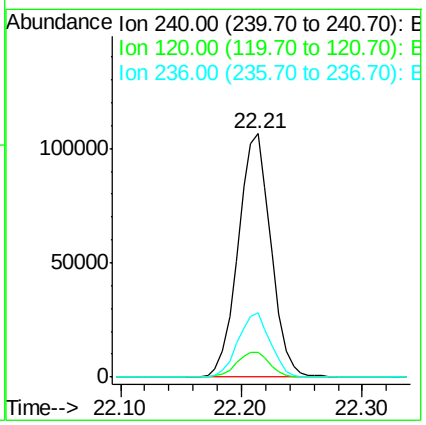


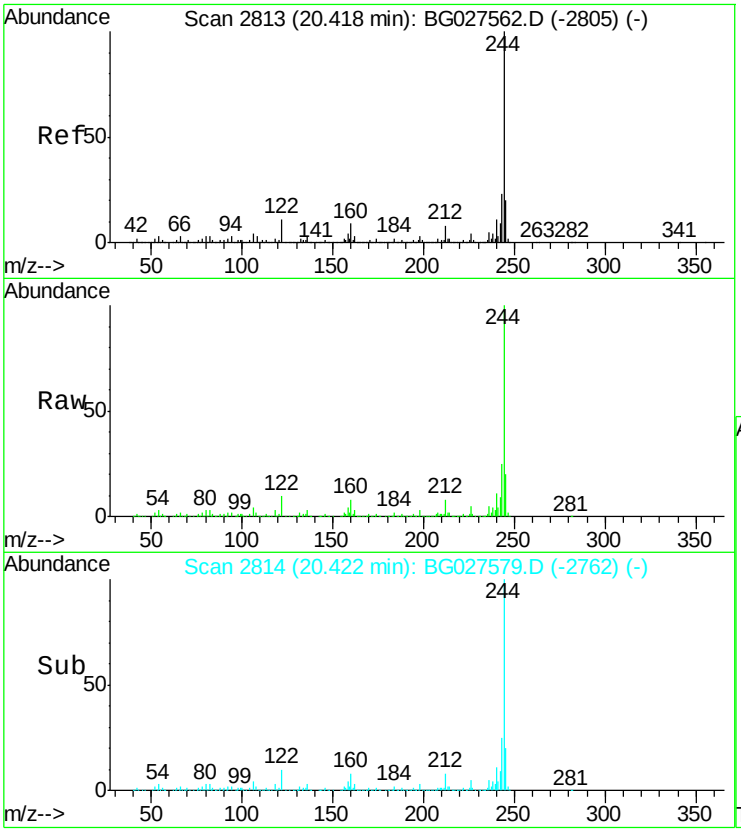


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.21 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Tgt Ion:240 Resp: 200976

Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.7	8.5#
236	26.5	22.2	33.4



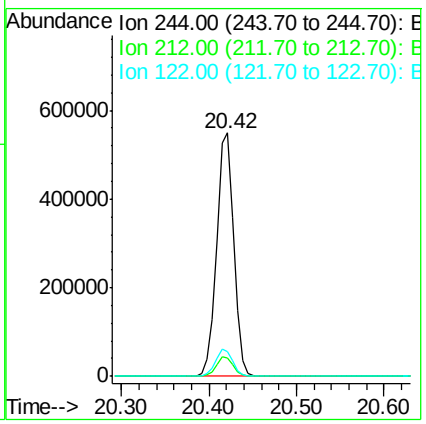


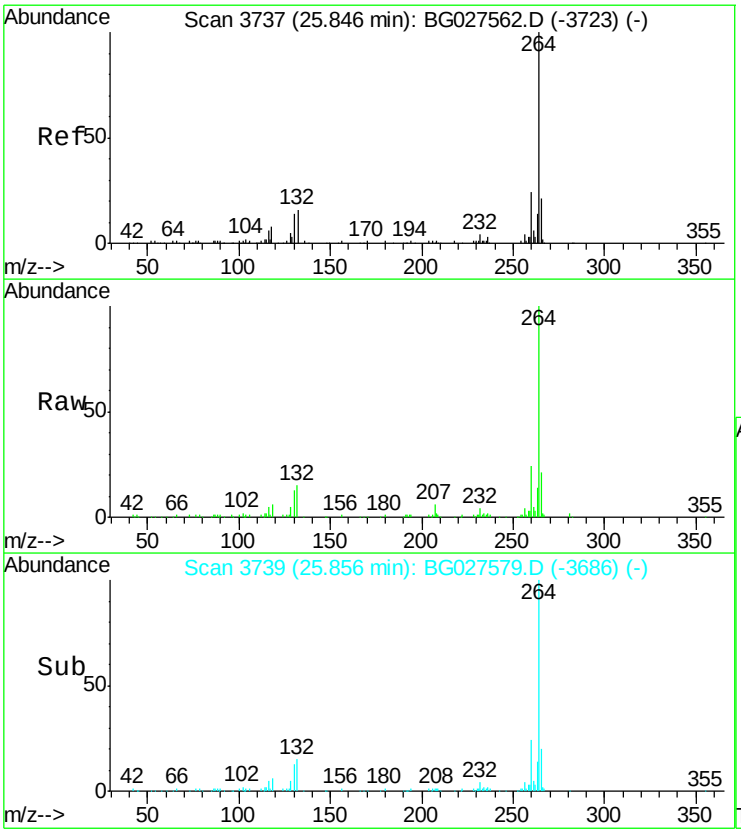
#78
Terphenyl-d14
Concen: 87.714 ng
RT: 20.42 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Instrument :
BNA_G
ClientSampleId :
PB99928BL

Tgt Ion:244 Resp: 748207

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	10.2	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.86 min Scan# 3739
Delta R.T. 0.01 min
Lab File: BG027579.D
Acq: 22 Jun 2017 3:49

Tgt Ion:264 Resp: 196082

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	20.8	18.2	27.4