Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG062217\
Data File : BG027612.D
Acq On : 23 Jun 2017 1:30
Operator : SJ/JU
Sample : I3657-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-107S

Quant Time: Jun 23 02:12:47 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	8.51	152	19471	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	89760	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	55843	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	161830	20.00	ng	0.00
75) Chrysene-d12	22.20	240	178438	20.00	ng	-0.01
86) Perylene-d12	25.84	264	172226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	77582	56.71	ng	0.00
7) Phenol-d6	7.64	99	63722	31.46	ng	0.00
23) Nitrobenzene-d5	9.67	82	169295	89.25	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	147070	176.65	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	387751	94.85	ng	0.00
78) Terphenyl-d14	20.42	244	810471	107.01	ng	0.00
Target Compounds						Qvalue

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

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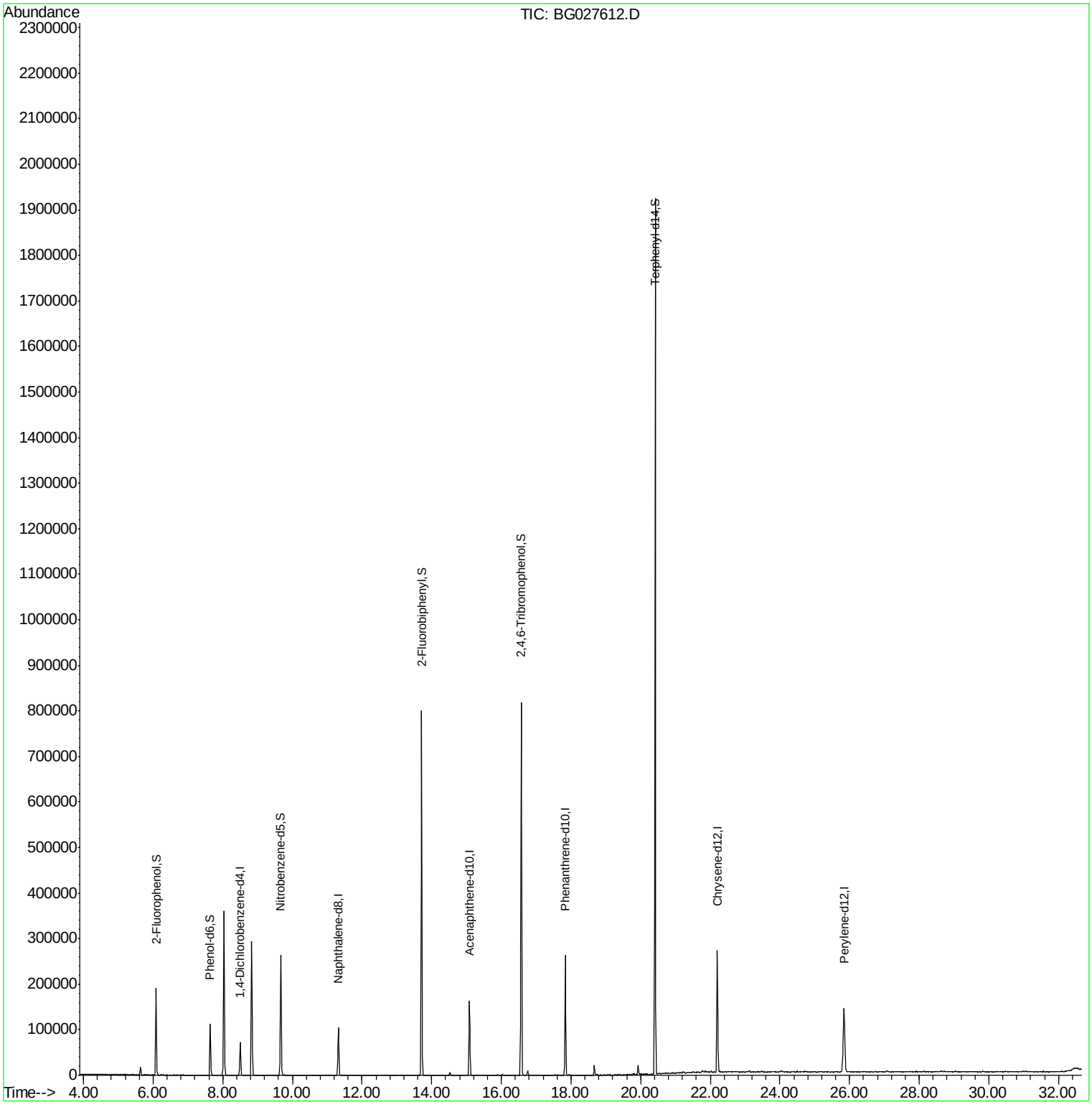
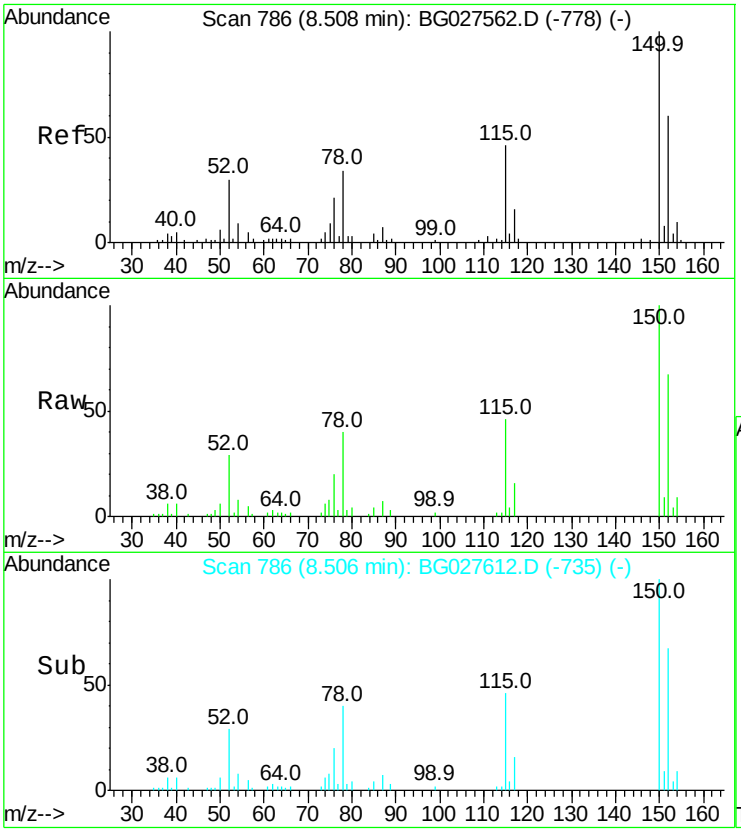


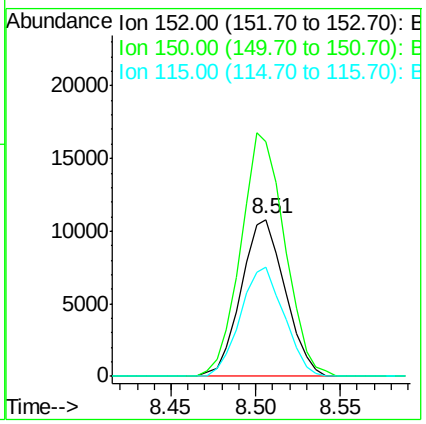


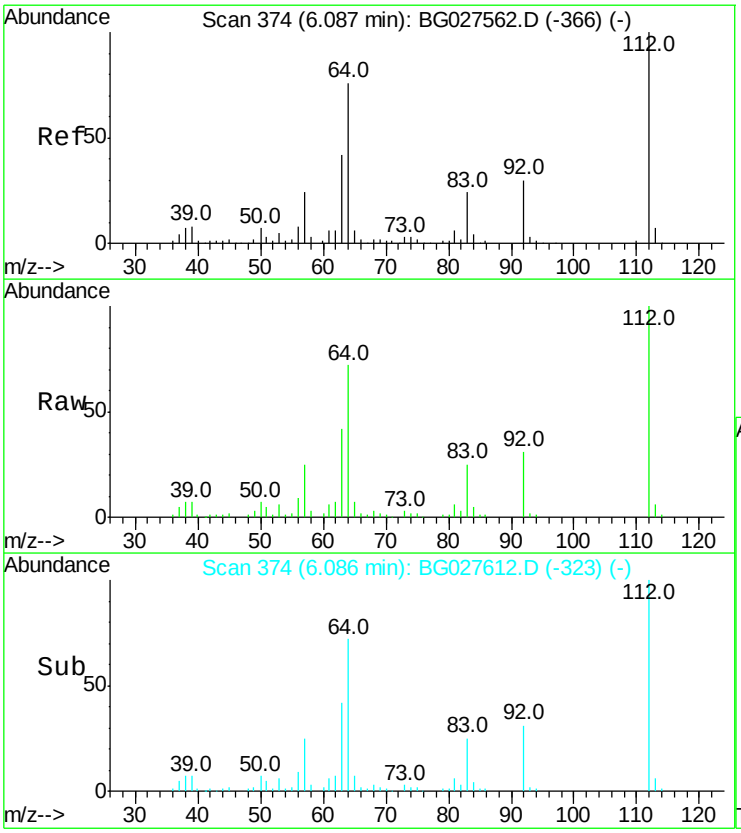
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:152 Resp: 19471

Ion	Ratio	Lower	Upper
152	100		
150	149.8	114.0	171.0
115	69.2	48.1	72.1

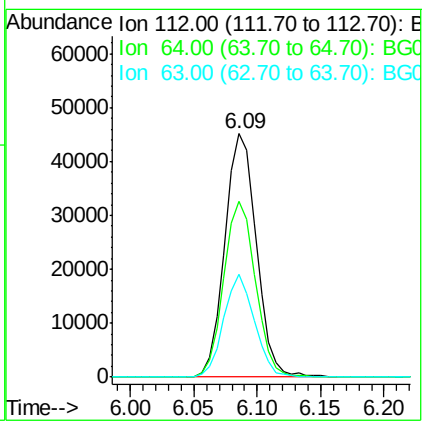


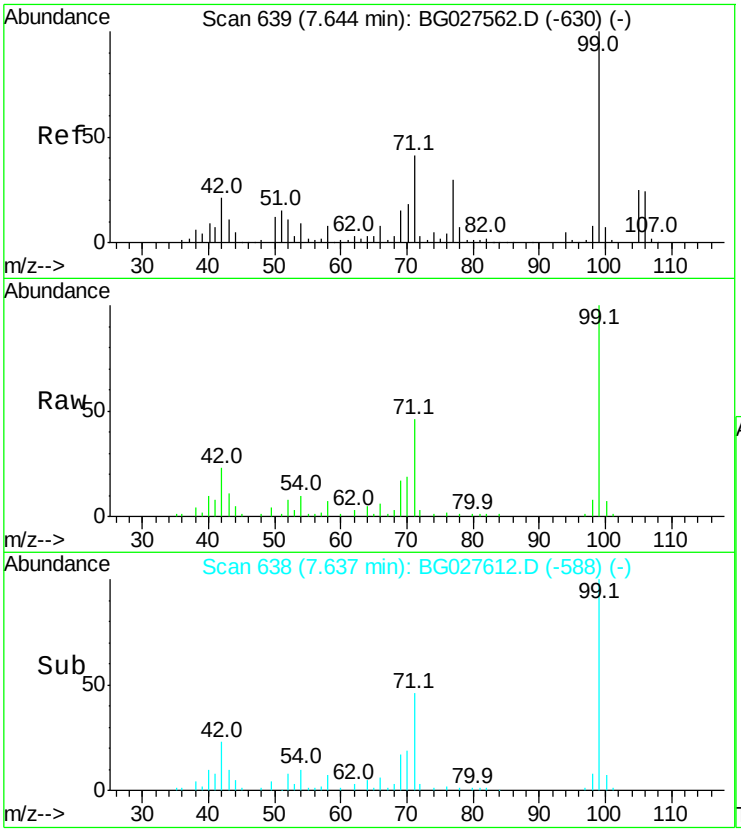


#5
2-Fluorophenol
Concen: 56.71 ng
RT: 6.09 min Scan# 374
Delta R.T. -0.00 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Tgt Ion:112 Resp: 77582

Ion	Ratio	Lower	Upper
112	100		
64	72.2	61.8	92.6
63	42.2	37.2	55.8



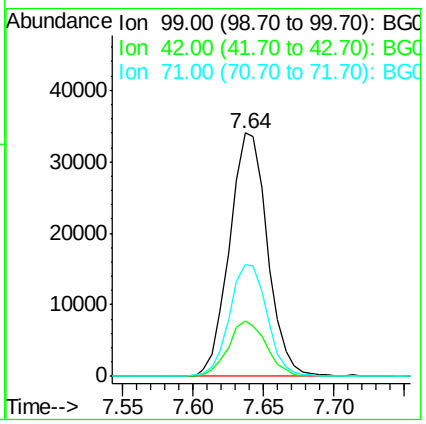


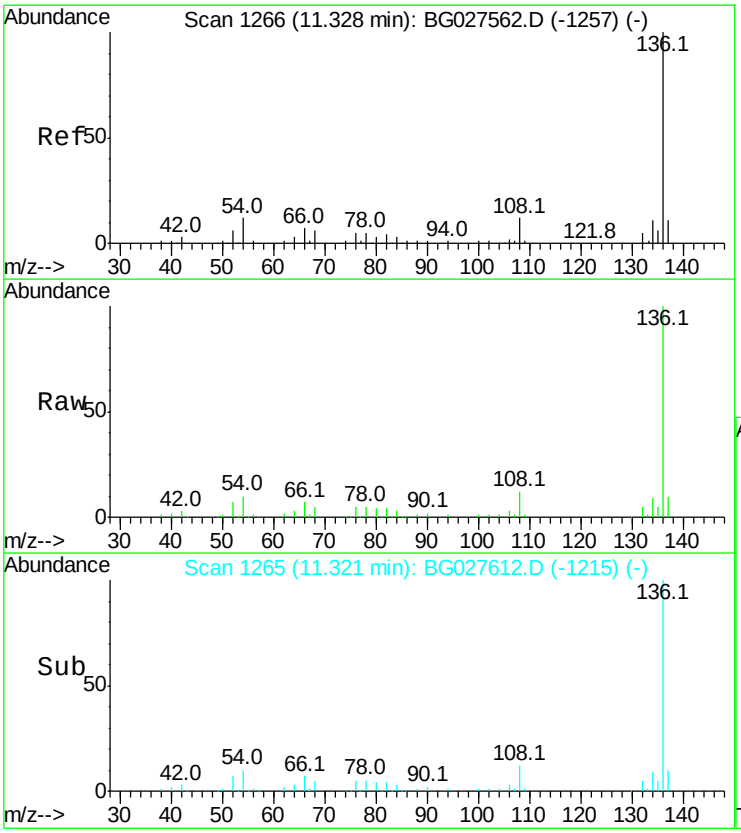
#7
Phenol-d6
Concen: 31.46 ng
RT: 7.64 min Scan# 638
Delta R.T. -0.01 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion: 99 Resp: 63722

Ion	Ratio	Lower	Upper
99	100		
42	22.8	20.5	30.7
71	45.7	37.6	56.4

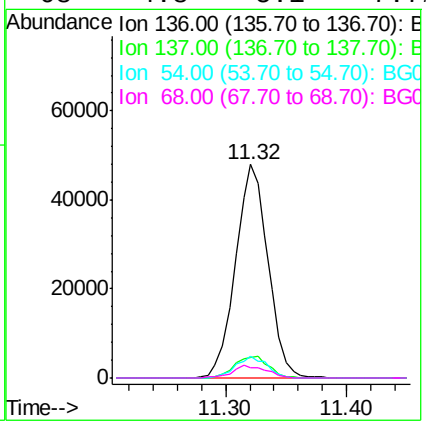


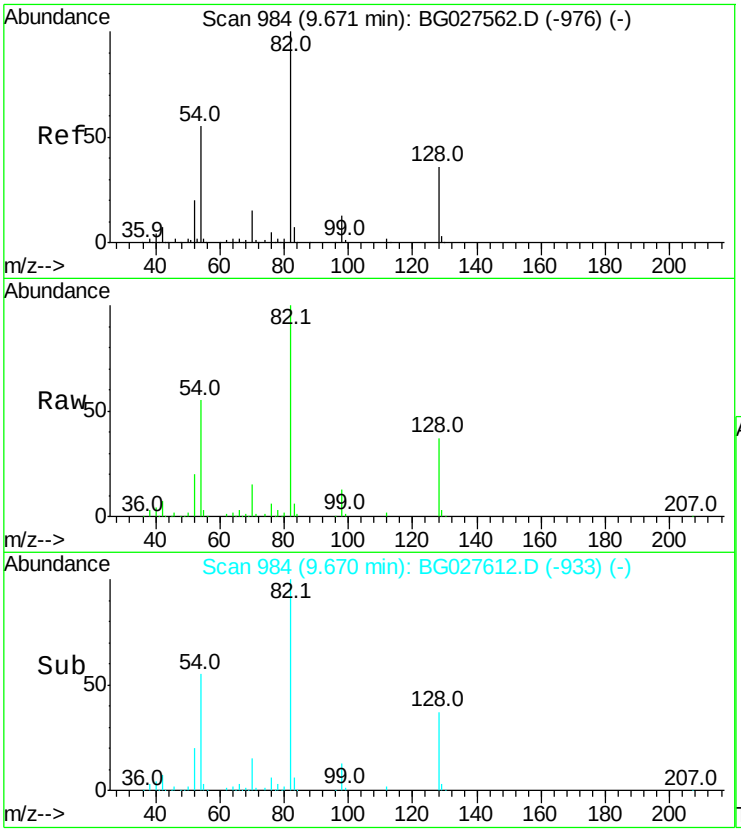


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Tgt Ion:136 Resp: 89760

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	10.1	9.3	13.9
68	4.8	5.1	7.7#



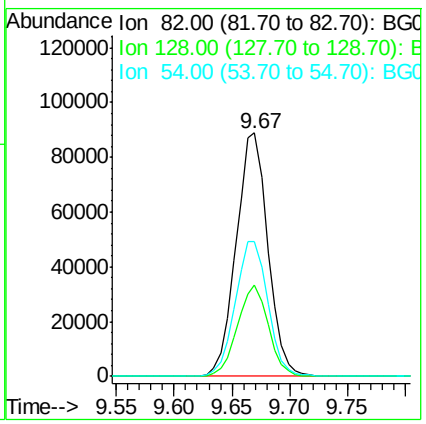


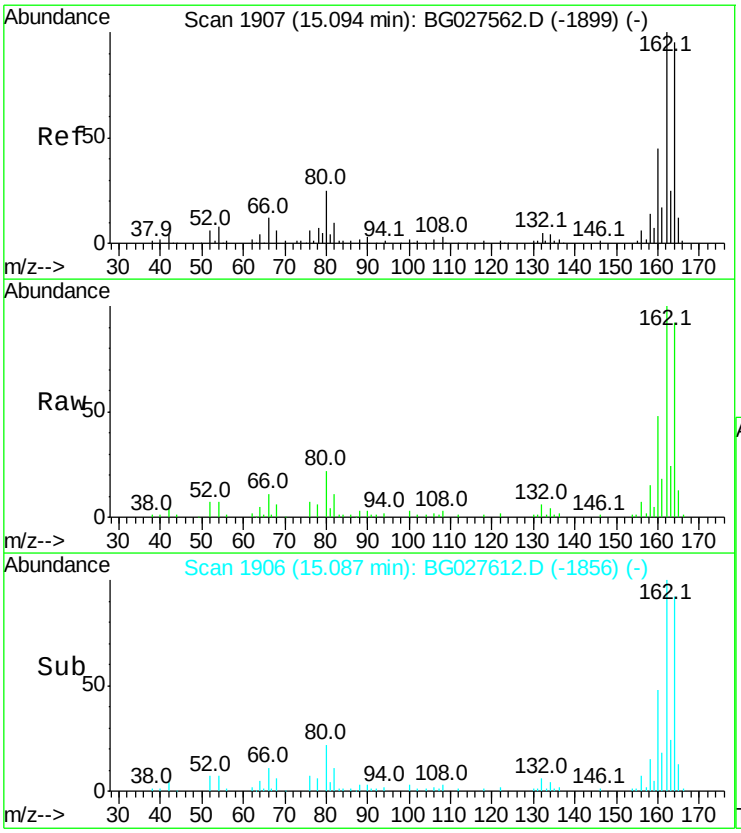
#23
Nitrobenzene-d5
Concen: 89.25 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion: 82 Resp: 169295

Ion	Ratio	Lower	Upper
82	100		
128	37.2	26.4	39.6
54	55.3	49.4	74.2

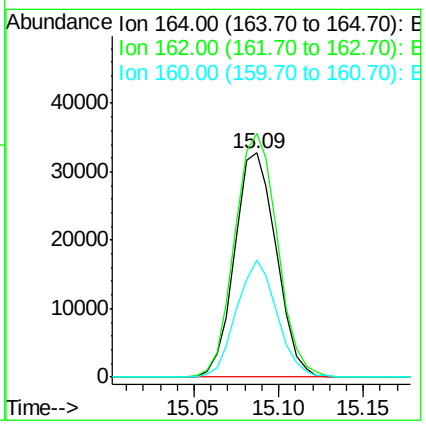


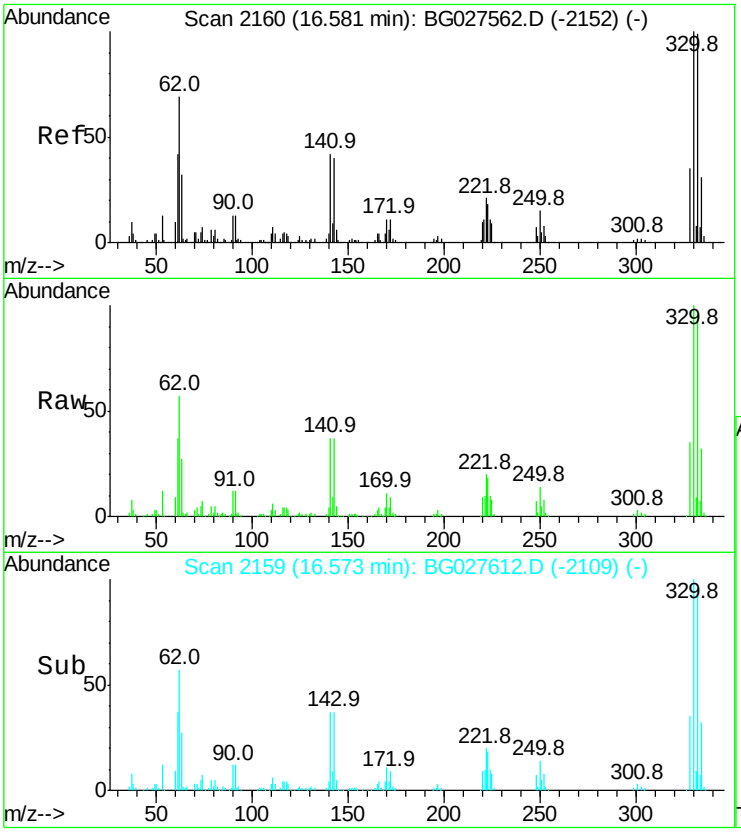


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Tgt Ion:164 Resp: 55843

Ion	Ratio	Lower	Upper
164	100		
162	108.7	85.1	127.7
160	52.2	34.7	52.1#



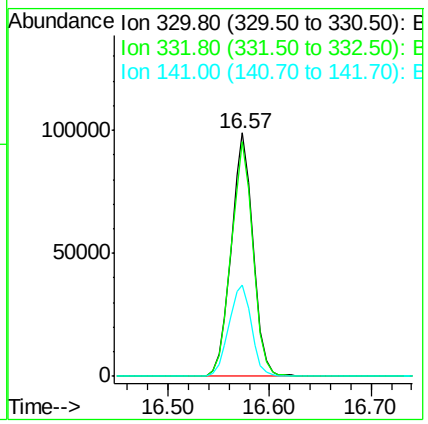


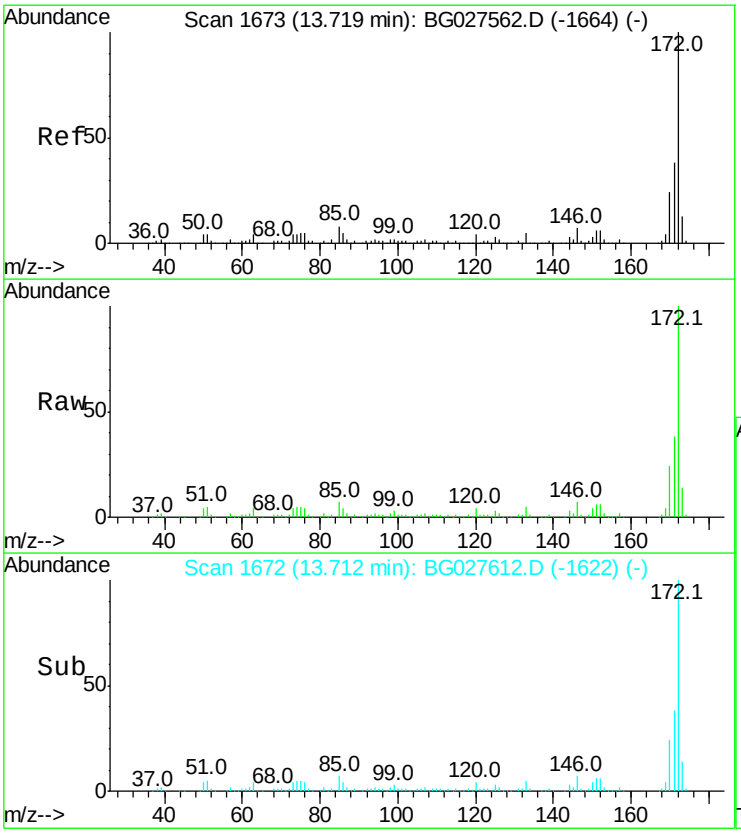
#41
2,4,6-Tribromophenol
Concen: 176.65 ng
RT: 16.57 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:330 Resp: 147070

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	39.0	32.1	48.1

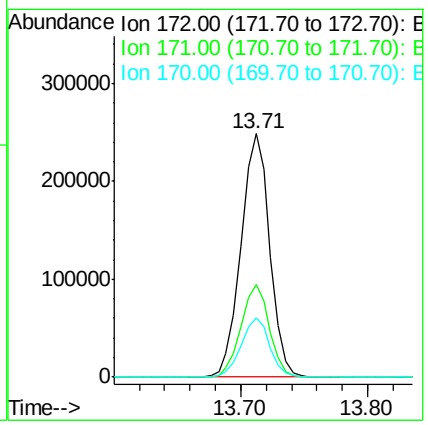


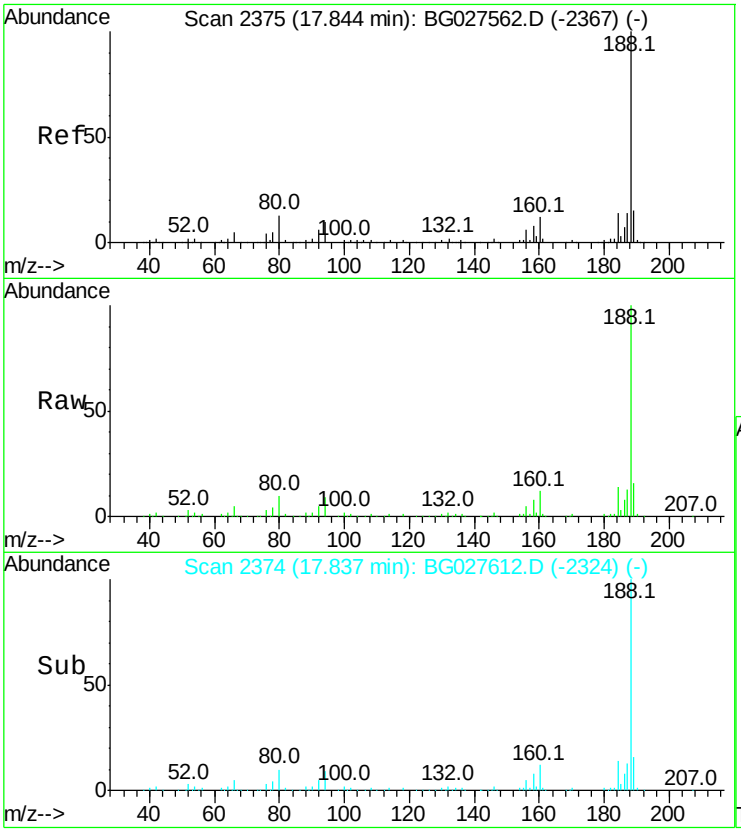


#44
2-Fluorobiphenyl
Concen: 94.85 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Tgt Ion:172 Resp: 387751

Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	24.5	21.8	32.6



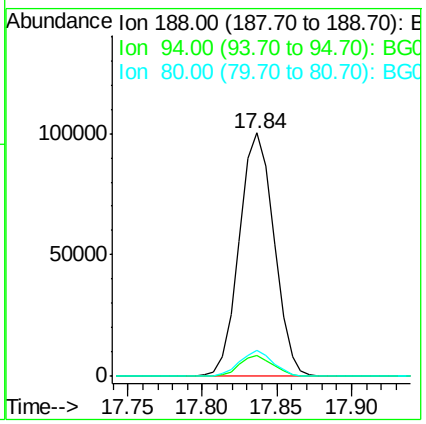


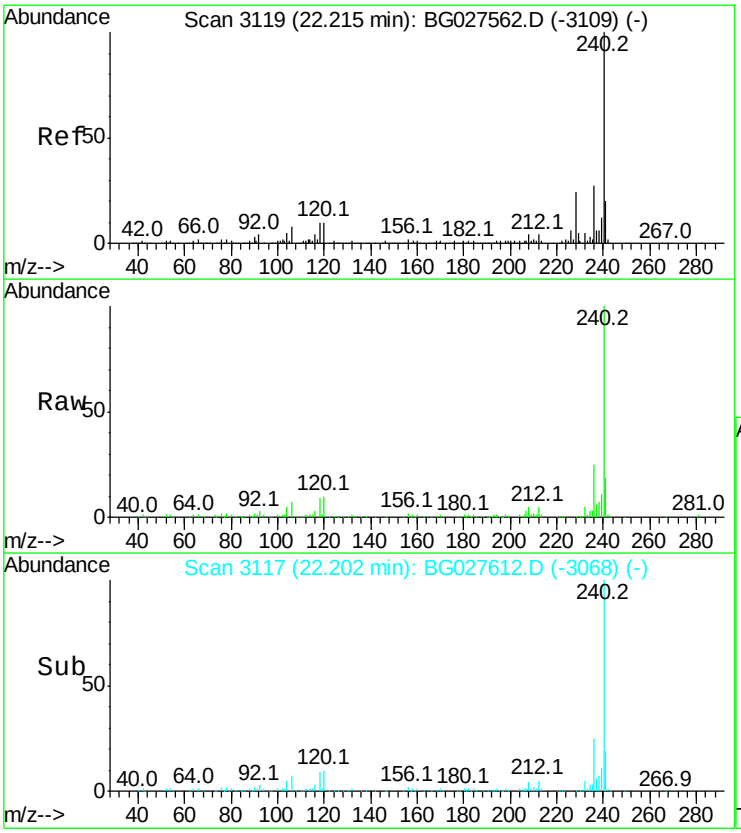
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:188 Resp: 161830

Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.8	8.8#
80	10.4	7.5	11.3

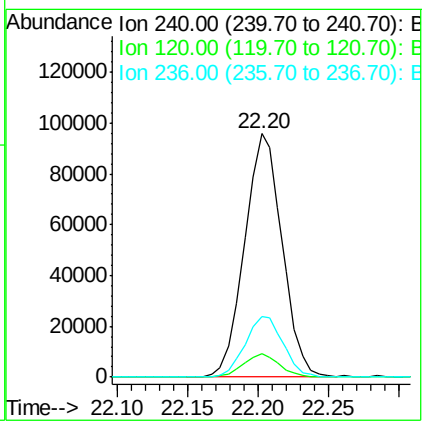


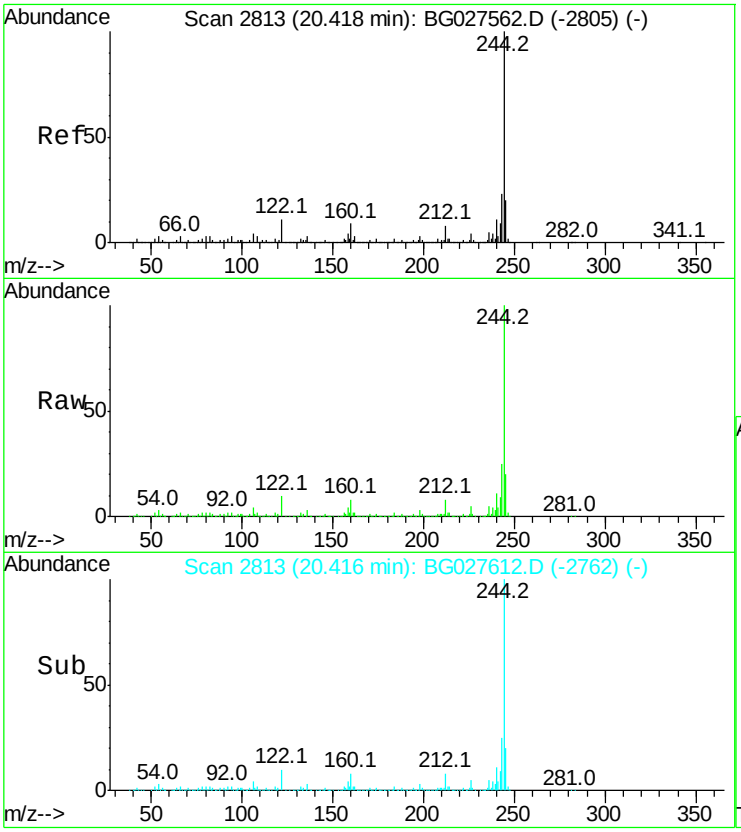


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Tgt Ion:240 Resp: 178438

Ion	Ratio	Lower	Upper
240	100		
120	9.6	5.7	8.5#
236	25.1	22.2	33.4



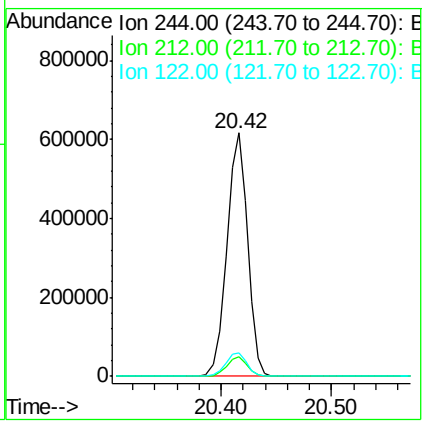


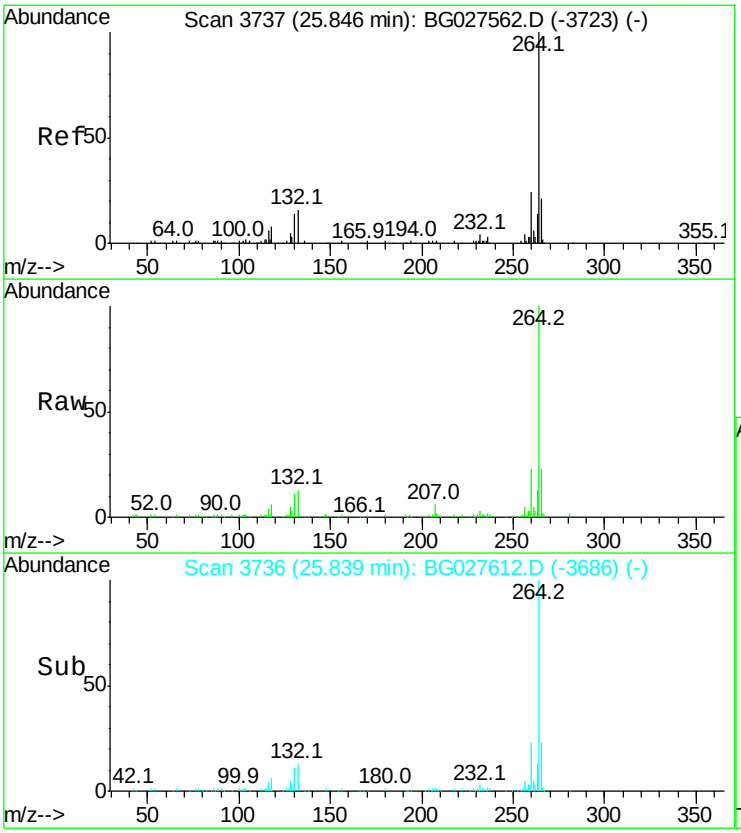
#78
Terphenyl-d14
Concen: 107.01 ng
RT: 20.42 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Instrument :
BNA_G
ClientSampleId :
MW-107S

Tgt Ion:244 Resp: 810471

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	9.5	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.84 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG027612.D
Acq: 23 Jun 2017 1:30

Tgt Ion:264 Resp: 172226

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	22.9	18.2	27.4