Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
Data File : BG027881.D
Acq On : 7 Jul 2017 23:17
Operator : SJ/JU
Sample : I4070-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-070517-D

Quant Time: Jul 08 03:51:20 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 17:43:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	35994	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	152823	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	87694	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	225001	20.00	ng	0.00
75) Chrysene-d12	22.12	240	257329	20.00	ng	0.00
86) Perylene-d12	25.69	264	240534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	300991	128.77	ng	0.00
7) Phenol-d6	7.58	99	387250	108.45	ng	0.00
23) Nitrobenzene-d5	9.59	82	223588	81.55	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	226876	188.62	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	595710	97.02	ng	0.00
78) Terphenyl-d14	20.36	244	1219460	111.10	ng	0.00
Target Compounds						Qvalue

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

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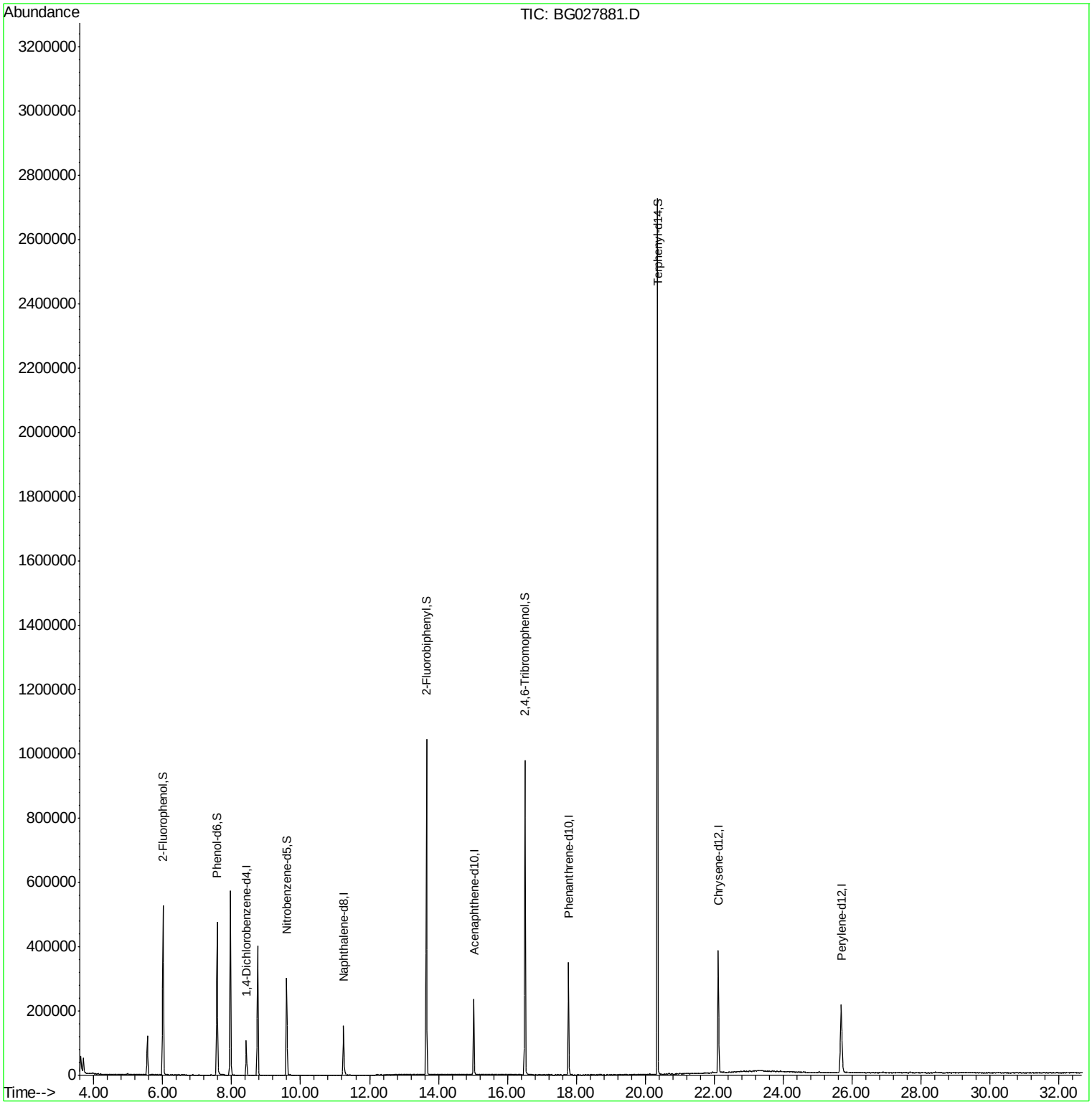
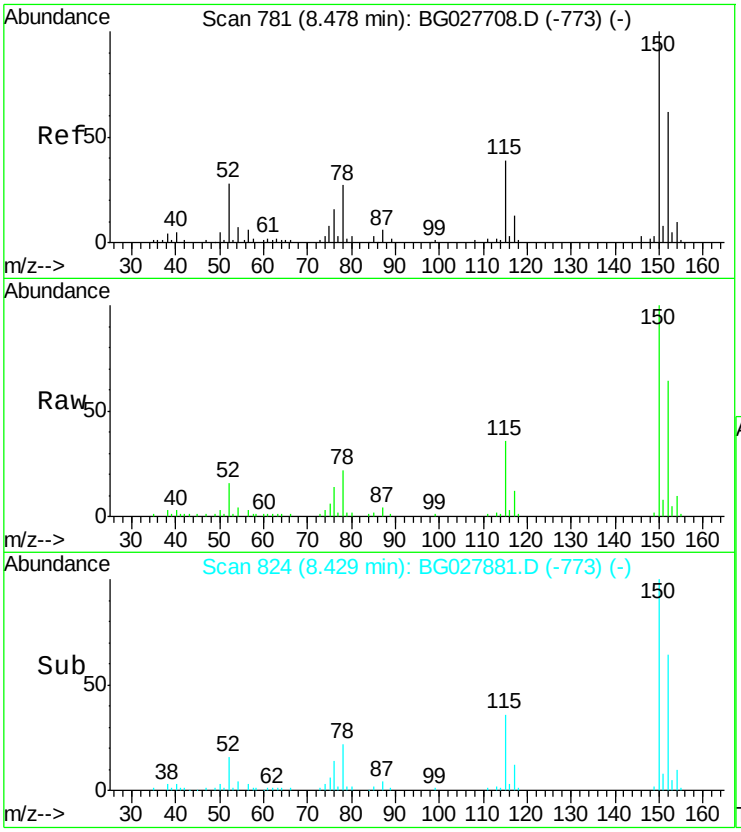


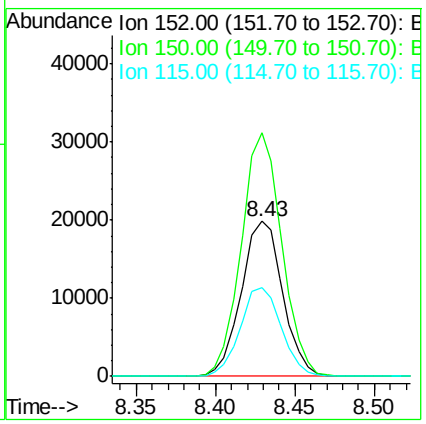


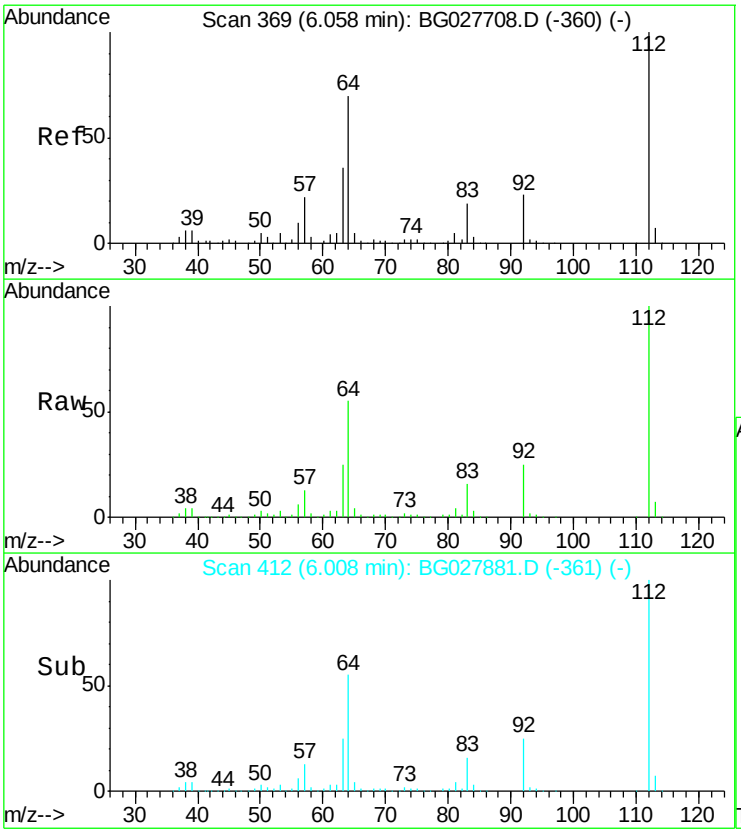
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Instrument :
BNA_G
ClientSampleId :
AU-05-070517-D

Tgt Ion:152 Resp: 35994

Ion	Ratio	Lower	Upper
152	100		
150	156.9	114.0	171.0
115	56.9	48.1	72.1

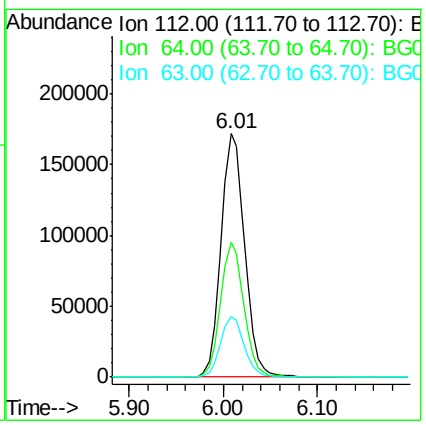


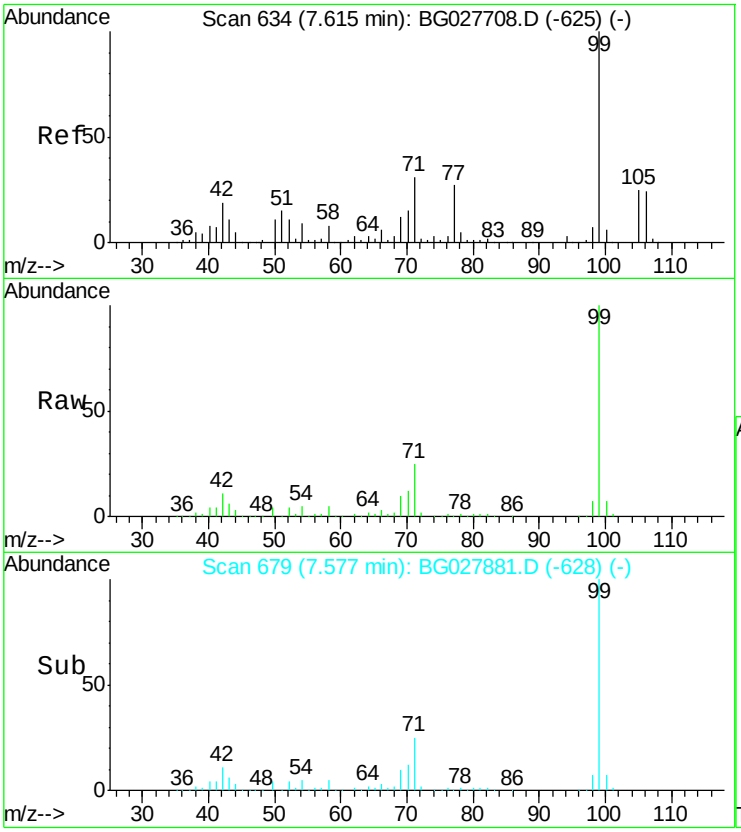


#5
2-Fluorophenol
Concen: 128.771 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Tgt Ion:112 Resp: 300991

Ion	Ratio	Lower	Upper
112	100		
64	55.4	61.8	92.6#
63	24.6	37.2	55.8#



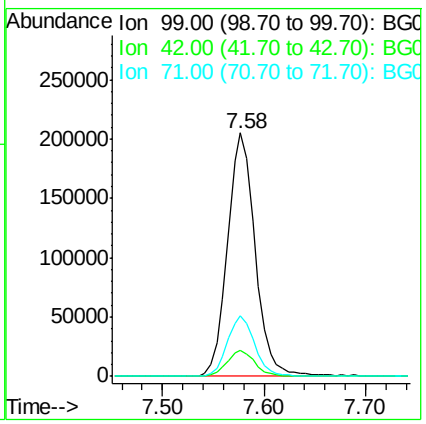


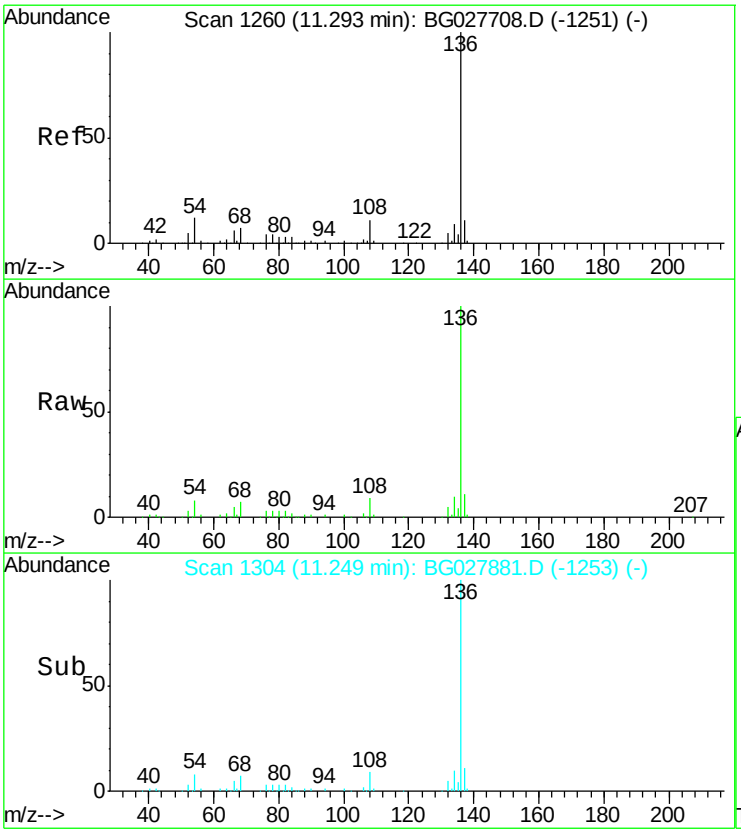
#7
Phenol-d6
Concen: 108.448 ng
RT: 7.58 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Instrument :
BNA_G
ClientSampleId :
AU-05-070517-D

Tgt Ion: 99 Resp: 387250

Ion	Ratio	Lower	Upper
99	100		
42	10.7	20.5	30.7#
71	24.8	37.6	56.4#

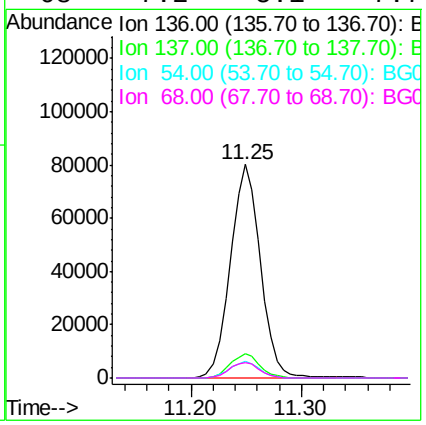


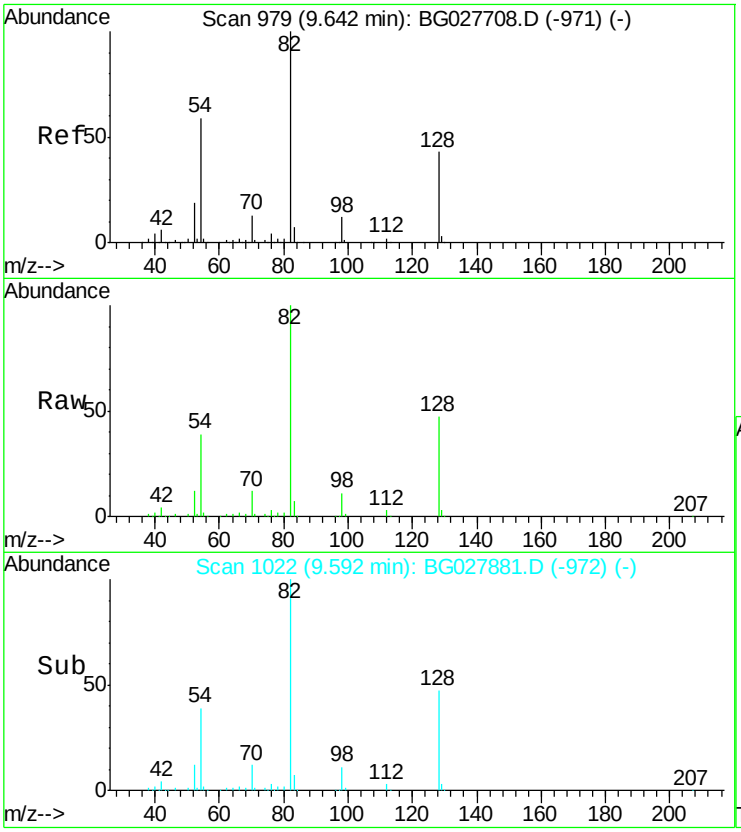


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.25 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Tgt Ion:136 Resp: 152823

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	9.3	13.9#
68	7.2	5.1	7.7



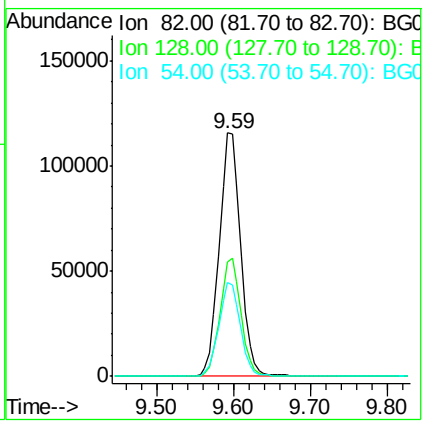


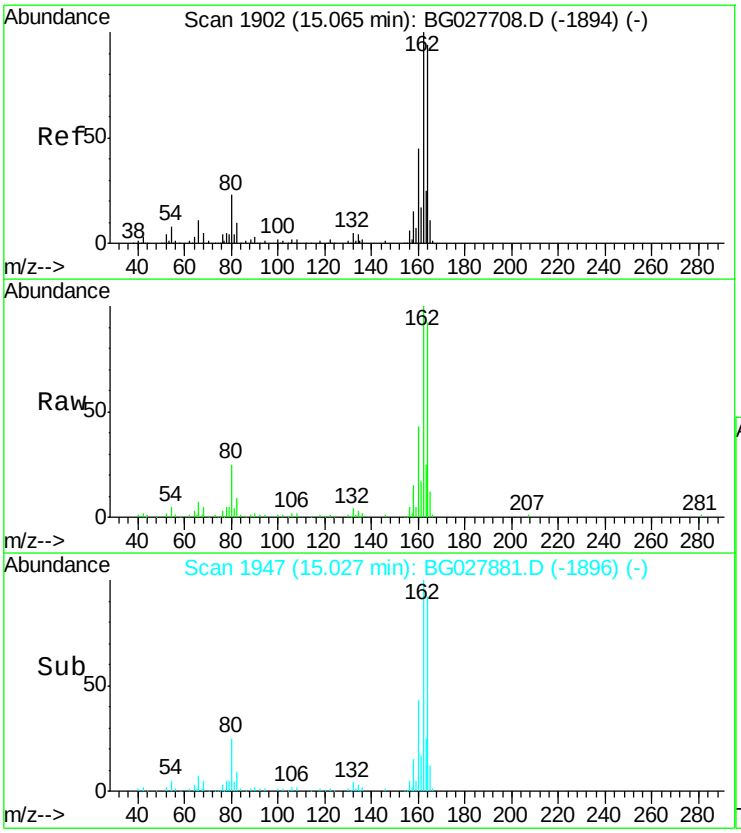
#23
Nitrobenzene-d5
Concen: 81.552 ng
RT: 9.59 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Instrument :
BNA_G
ClientSampleId :
AU-05-070517-D

Tgt Ion: 82 Resp: 223588

Ion	Ratio	Lower	Upper
82	100		
128	47.2	26.4	39.6#
54	38.7	49.4	74.2#

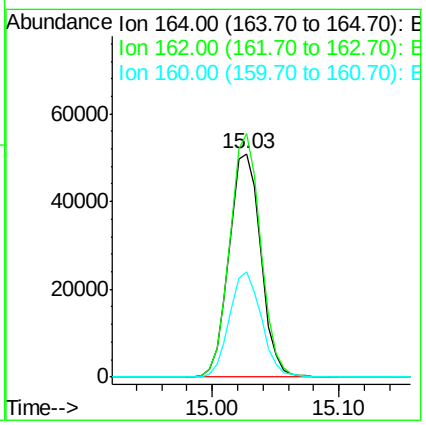


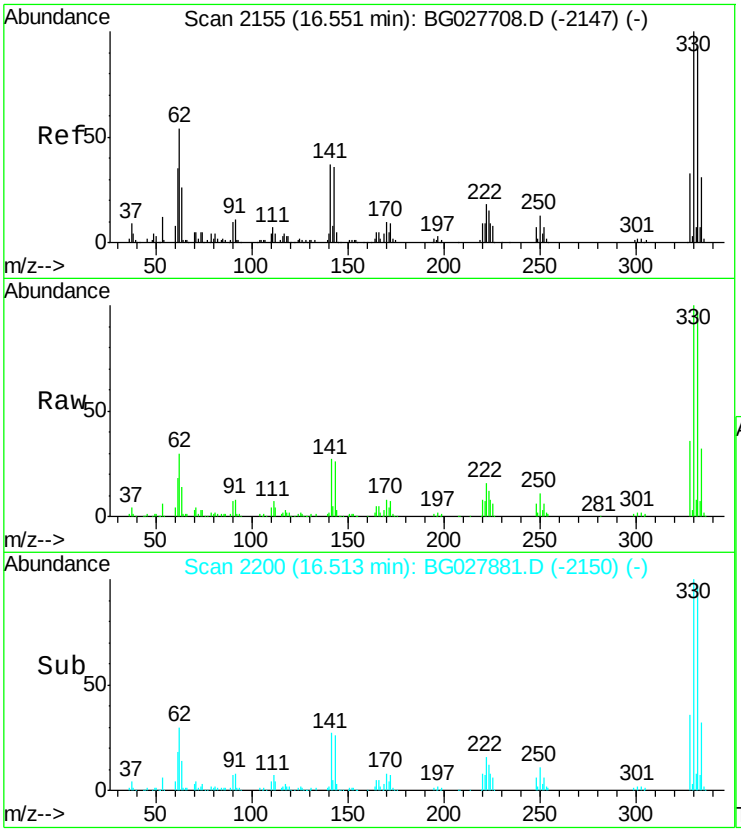


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Tgt Ion:164 Resp: 87694

Ion	Ratio	Lower	Upper
164	100		
162	109.1	85.1	127.7
160	47.1	34.7	52.1



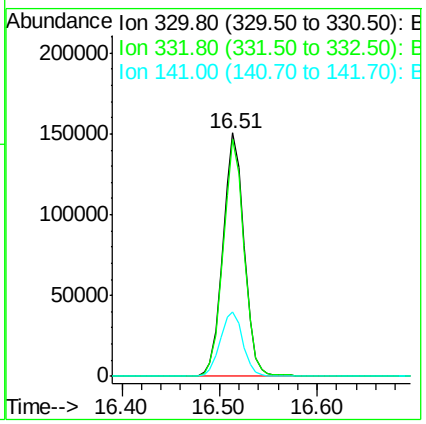


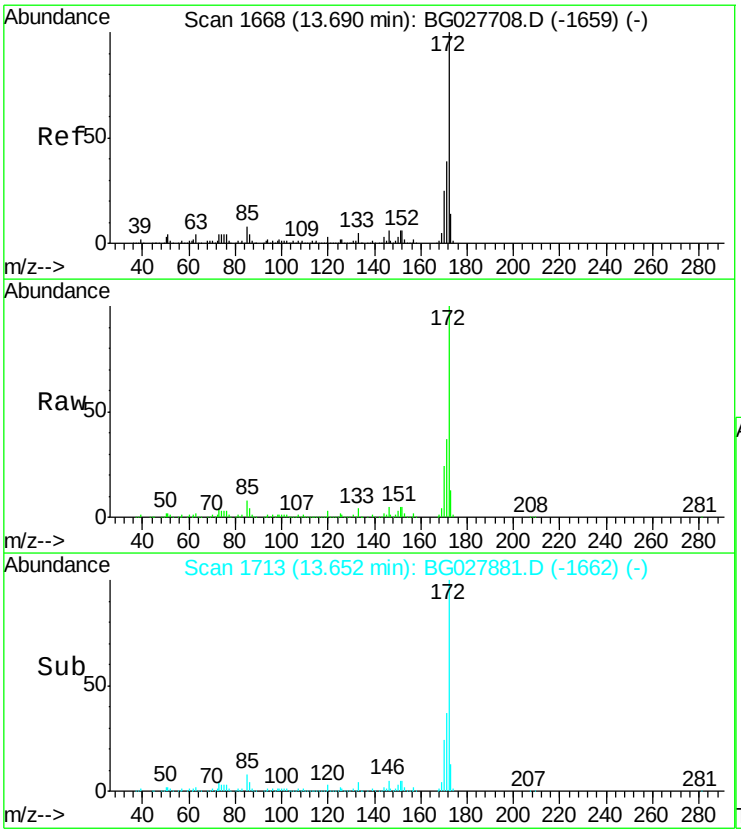
#41
2,4,6-Tribromophenol
Concen: 188.620 ng
RT: 16.51 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Instrument :
BNA_G
ClientSampleId :
AU-05-070517-D

Tgt Ion:330 Resp: 226876

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	28.2	32.1	48.1#

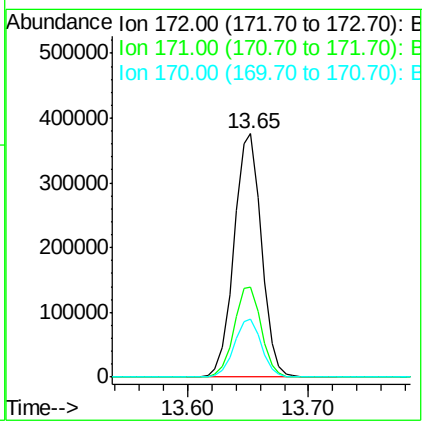


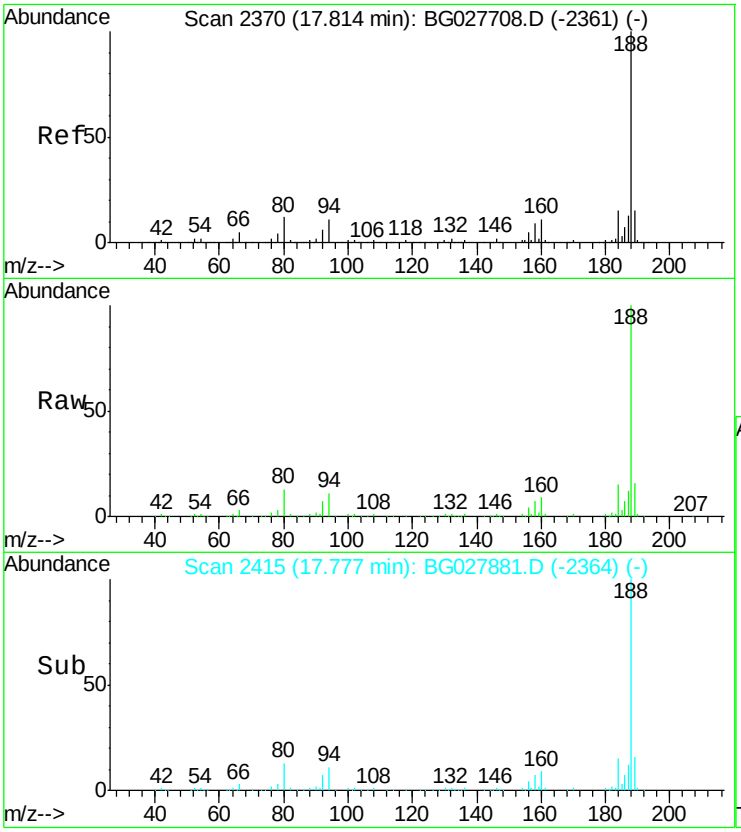


#44
2-Fluorobiphenyl
Concen: 97.016 ng
RT: 13.65 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Tgt Ion:172 Resp: 595710

Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	23.7	21.8	32.6



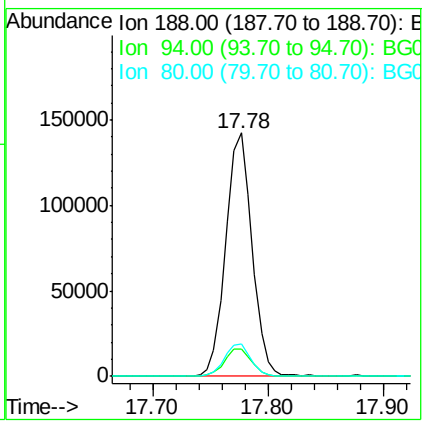


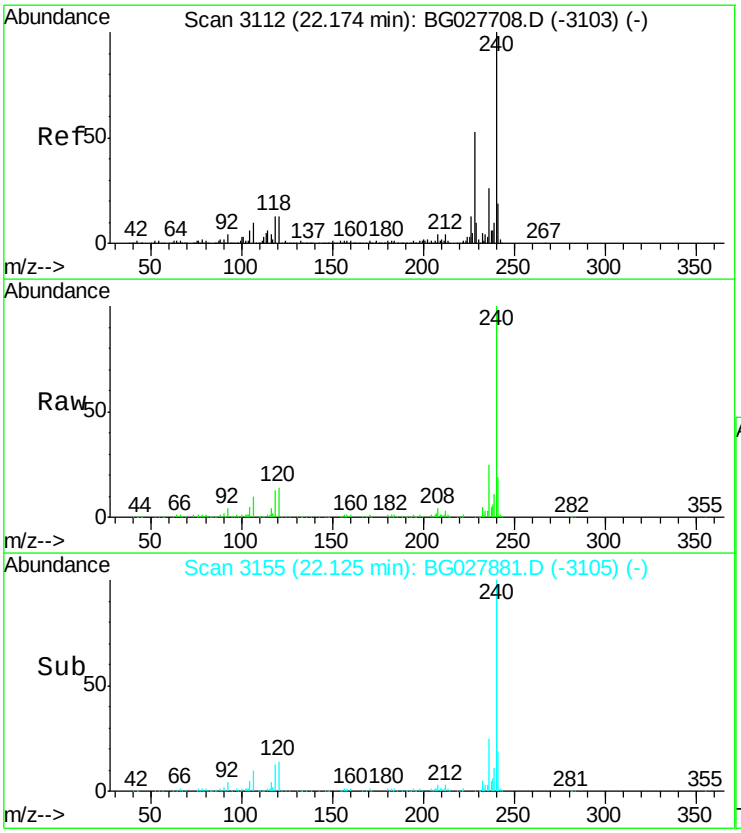
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Instrument :
BNA_G
ClientSampleId :
AU-05-070517-D

Tgt Ion:188 Resp: 225001

Ion	Ratio	Lower	Upper
188	100		
94	11.2	5.8	8.8#
80	13.1	7.5	11.3#

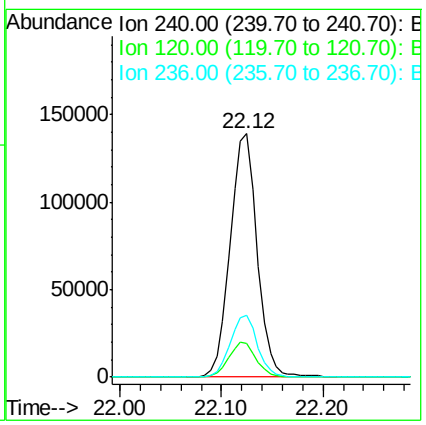


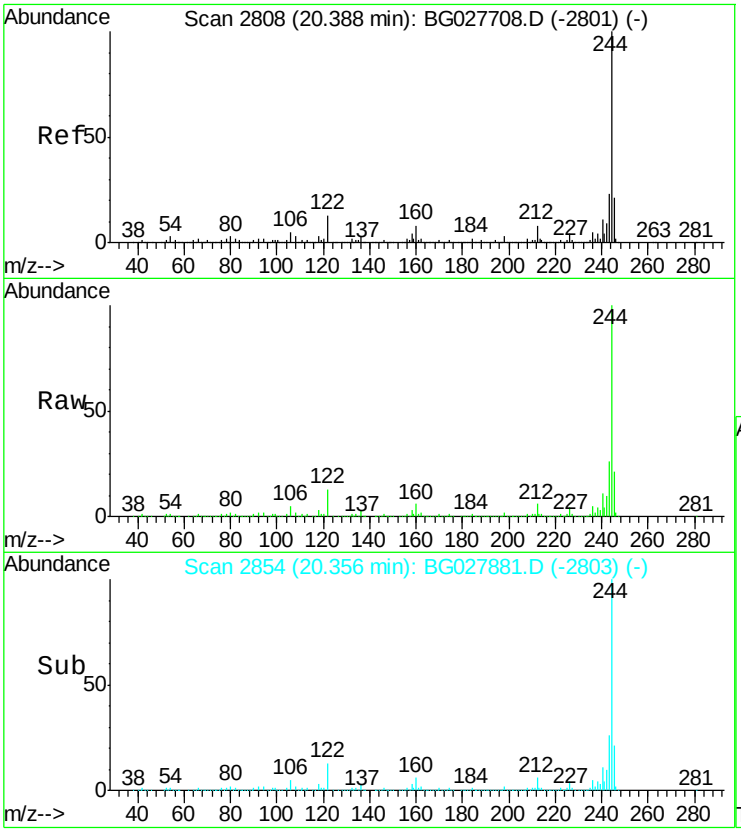


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.12 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Tgt Ion:240 Resp: 257329

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.7	8.5#
236	25.3	22.2	33.4



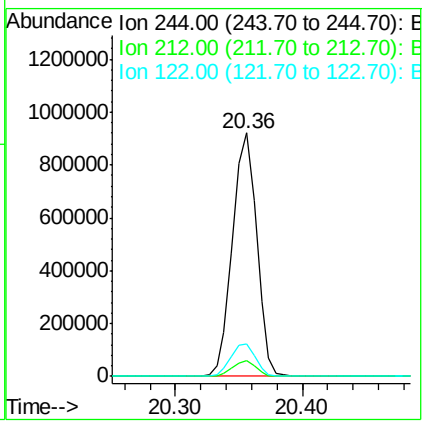


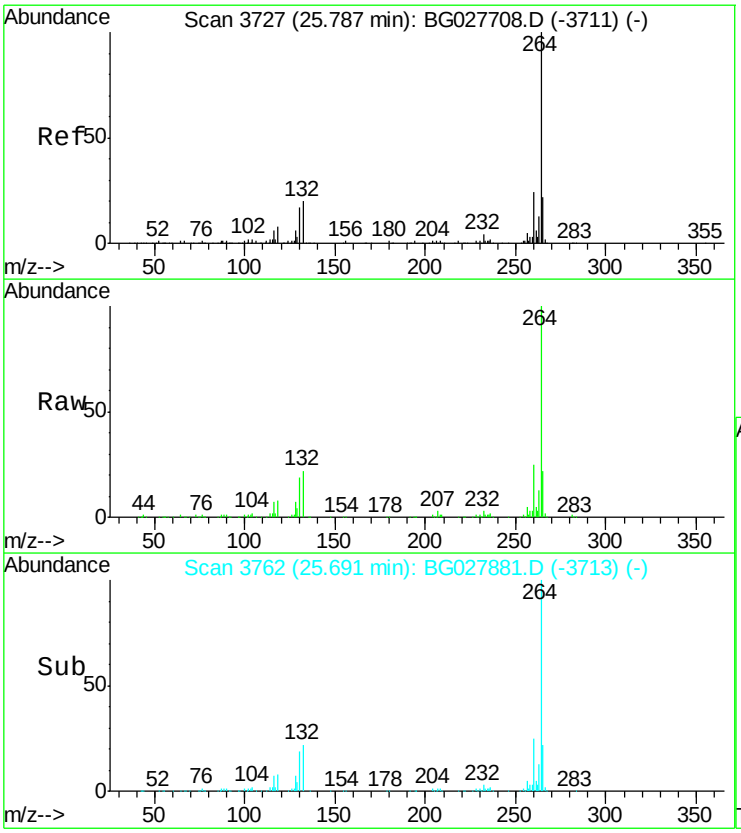
#78
Terphenyl-d14
Concen: 111.098 ng
RT: 20.36 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Instrument :
BNA_G
ClientSampleId :
AU-05-070517-D

Tgt Ion:244 Resp: 1219460

Ion	Ratio	Lower	Upper
244	100		
212	6.5	10.0	15.0#
122	13.3	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.69 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Tgt Ion:264 Resp: 240534

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	22.2	18.2	27.4