Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061217\
Data File : BG027380.D
Acq On : 12 Jun 2017 18:10
Operator : SJ/MA
Sample : I3584-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUCT-BANK

Quant Time: Jun 13 04:16:14 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	48475	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	210819	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	121781	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	318998	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	388590	20.00	ng	-0.06
86) Perylene-d12	25.92	264	318854	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	489827	154.19	ng	-0.02
7) Phenol-d6	7.68	99	609945	130.80	ng	-0.02
23) Nitrobenzene-d5	9.71	82	411996	122.90	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	302591	188.69	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	901080	103.51	ng	-0.04
78) Terphenyl-d14	20.45	244	1722736	113.09	ng	-0.05
Target Compounds						Qvalue

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

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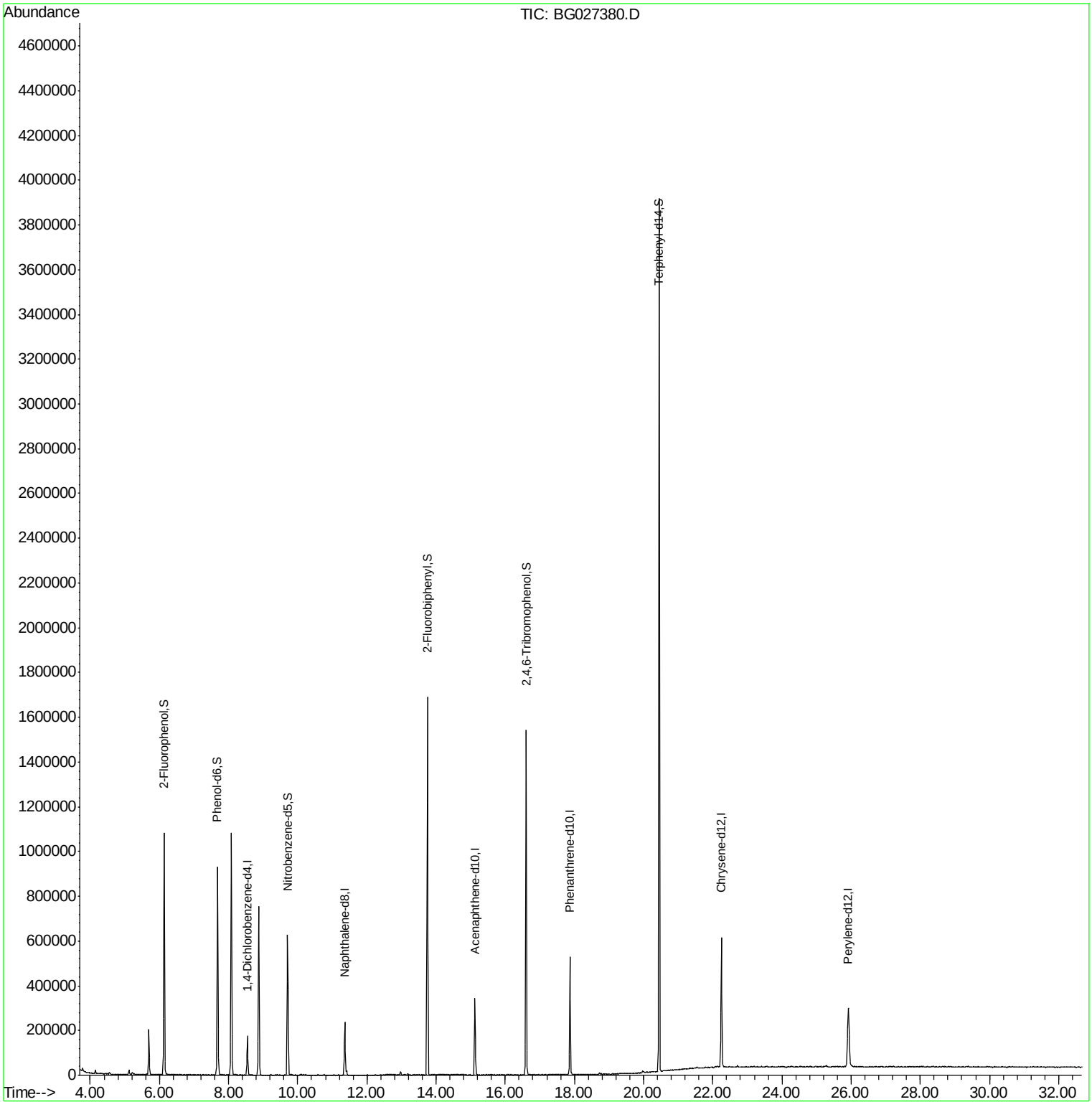
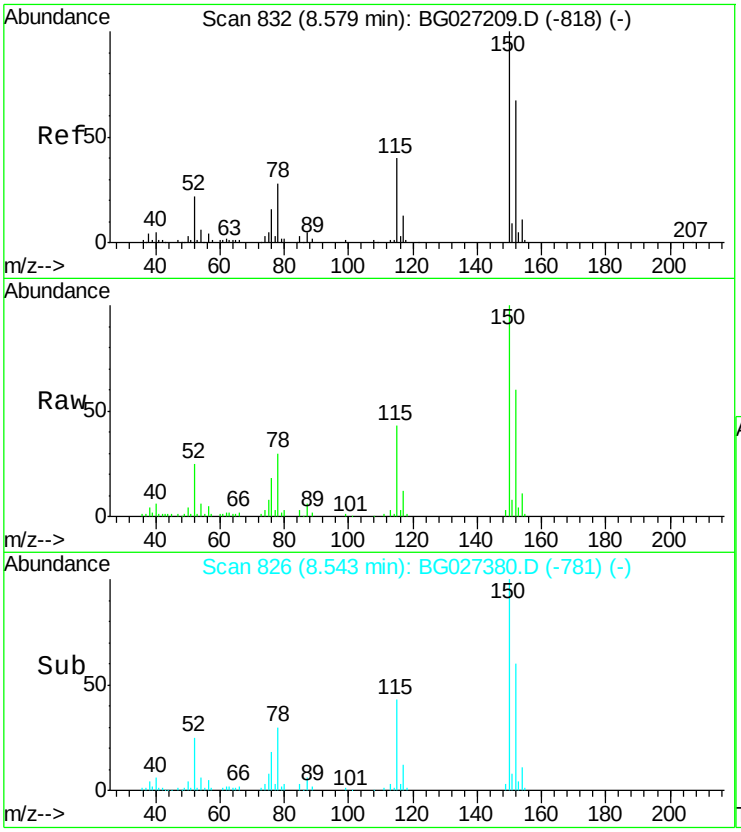


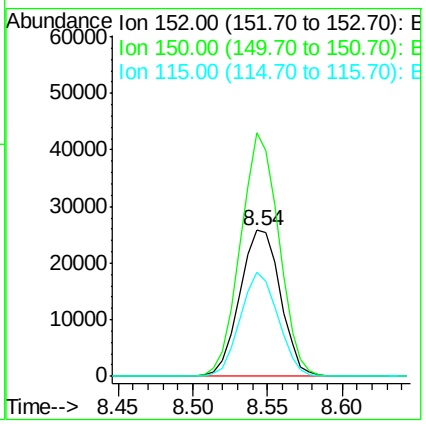


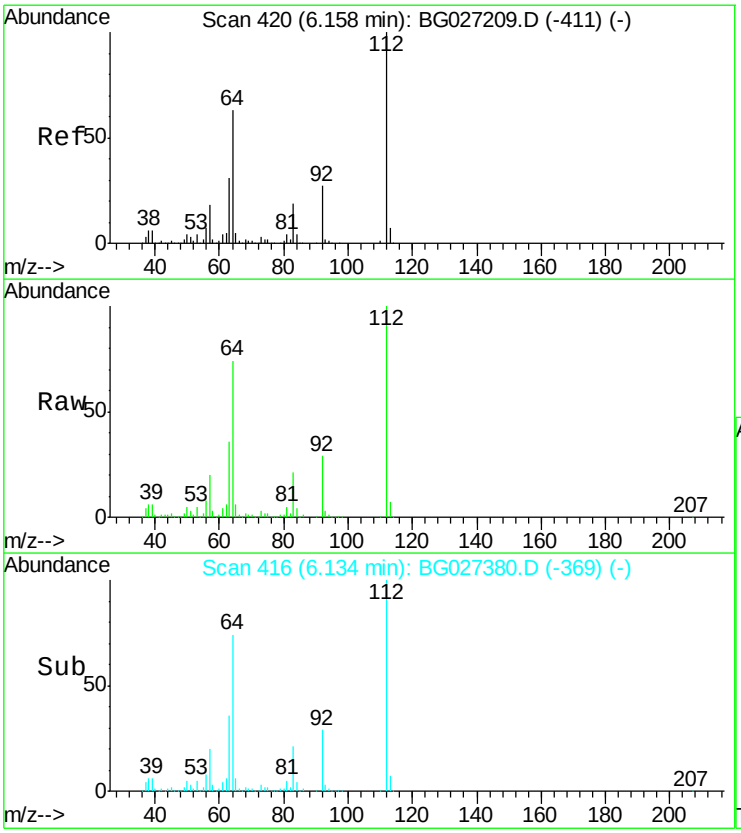
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Instrument :
BNA_G
ClientSampleId :
DUCT-BANK

Tgt Ion:152 Resp: 48475

Ion	Ratio	Lower	Upper
152	100		
150	166.8	114.0	171.0
115	71.7	48.1	72.1

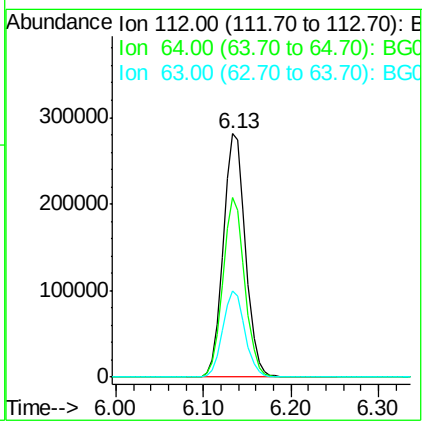


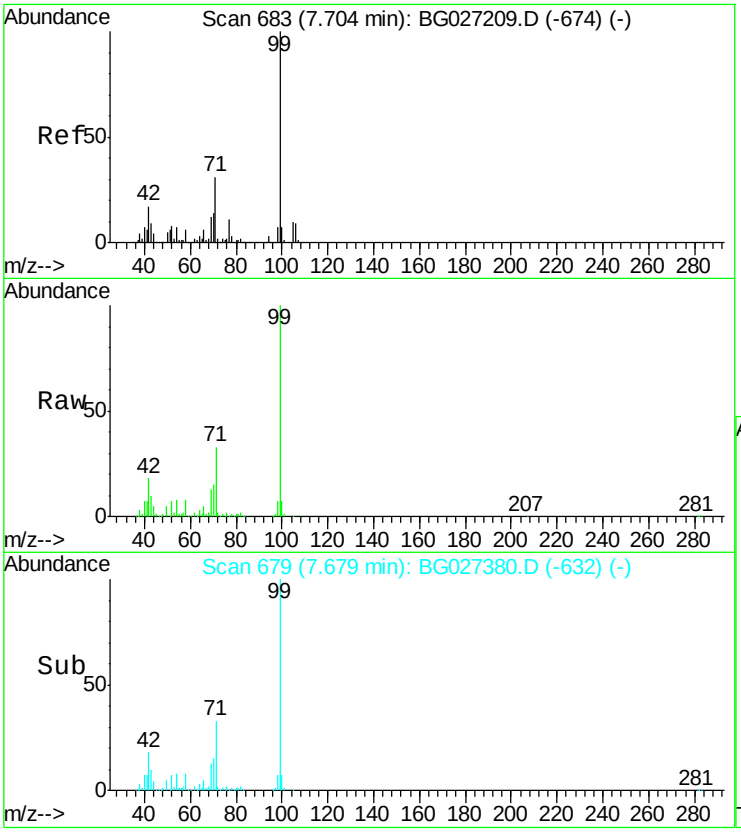


#5
2-Fluorophenol
Concen: 154.195 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Tgt Ion:112 Resp: 489827

Ion	Ratio	Lower	Upper
112	100		
64	73.9	61.8	92.6
63	35.6	37.2	55.8#



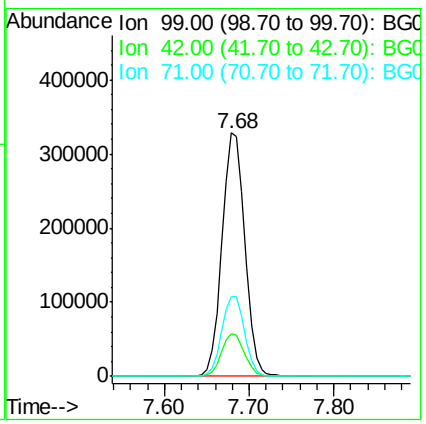


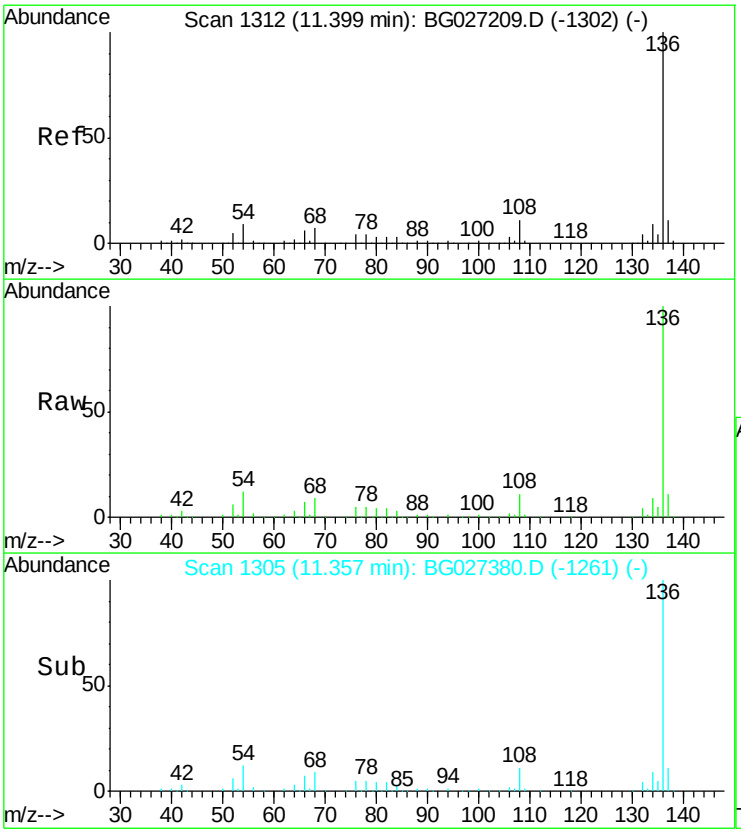
#7
Phenol-d6
Concen: 130.805 ng
RT: 7.68 min Scan# 679
Delta R.T. -0.02 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Instrument :
BNA_G
ClientSampleId :
DUCT-BANK

Tgt Ion: 99 Resp: 609945

Ion	Ratio	Lower	Upper
99	100		
42	17.7	20.5	30.7#
71	32.7	37.6	56.4#

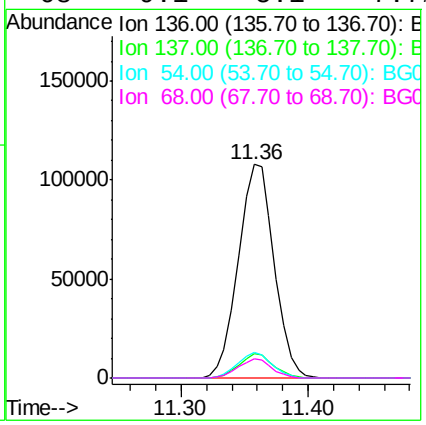


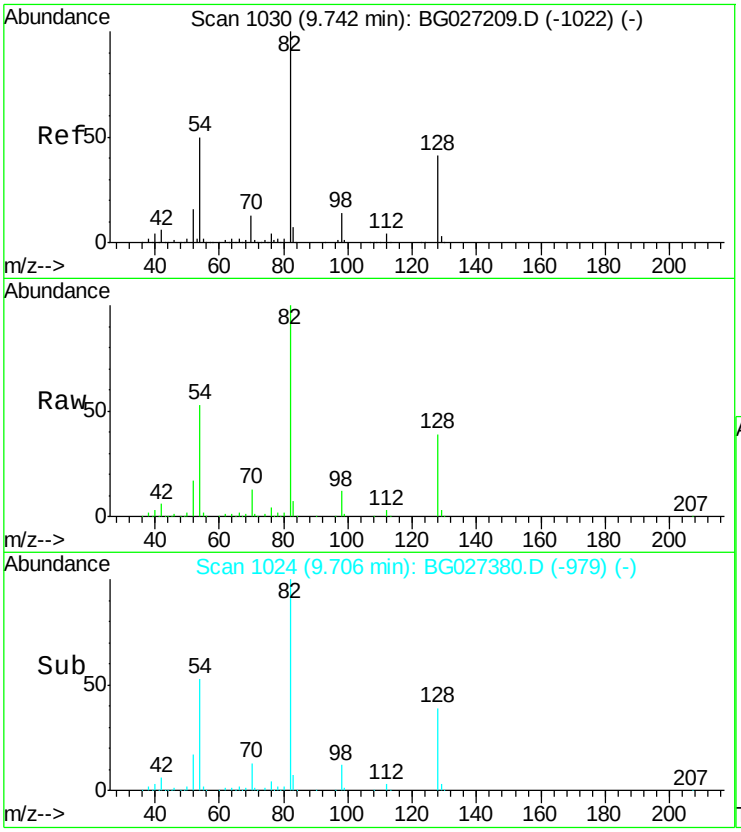


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.36 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Tgt Ion:136 Resp: 210819

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.9	9.3	13.9
68	9.1	5.1	7.7#



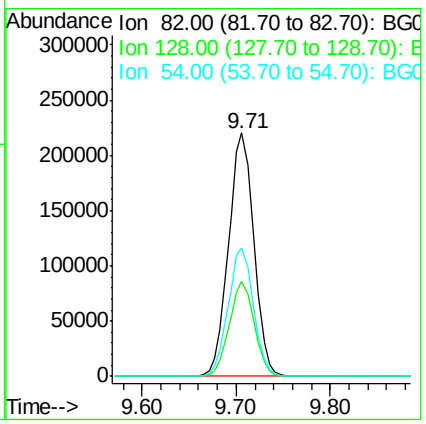


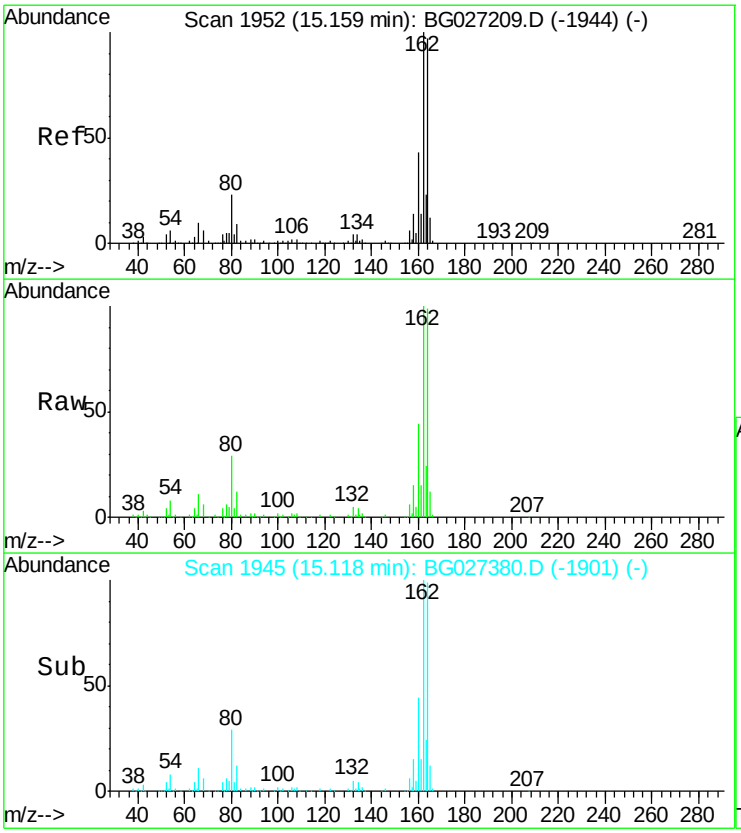
#23
Nitrobenzene-d5
Concen: 122.903 ng
RT: 9.71 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Instrument :
BNA_G
ClientSampleId :
DUCT-BANK

Tgt Ion: 82 Resp: 411996

Ion	Ratio	Lower	Upper
82	100		
128	38.9	26.4	39.6
54	52.5	49.4	74.2

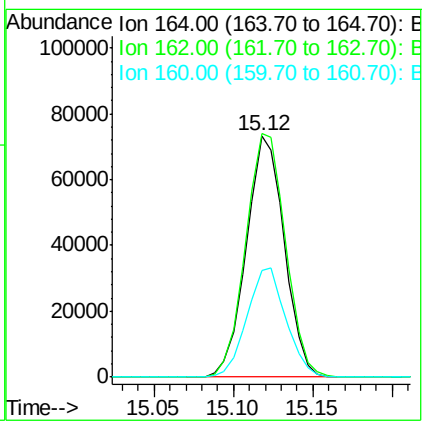


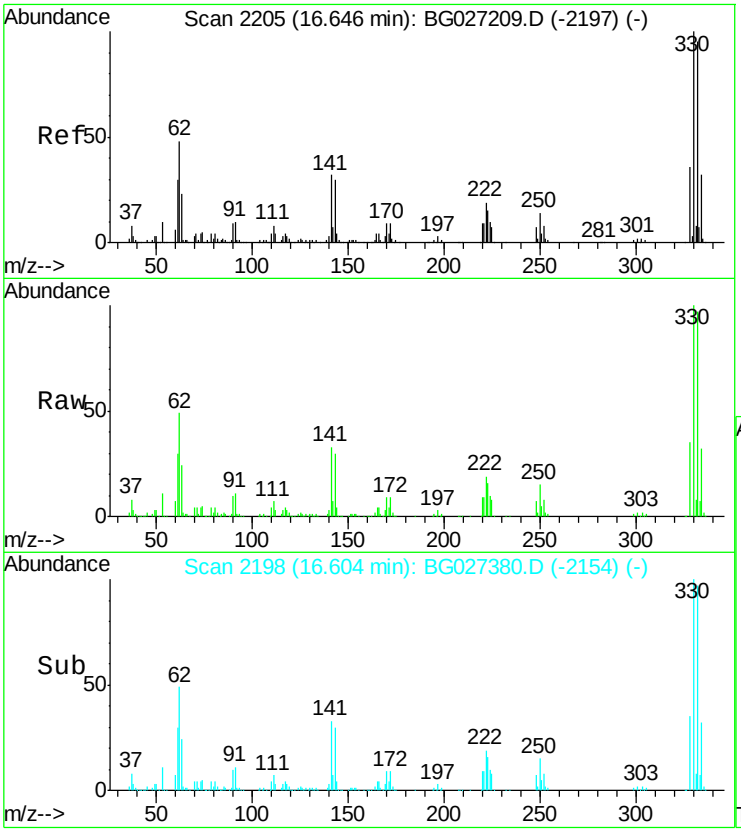


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.12 min Scan# 1945
Delta R.T. -0.04 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Tgt Ion:164 Resp: 121781

Ion	Ratio	Lower	Upper
164	100		
162	100.8	85.1	127.7
160	44.2	34.7	52.1



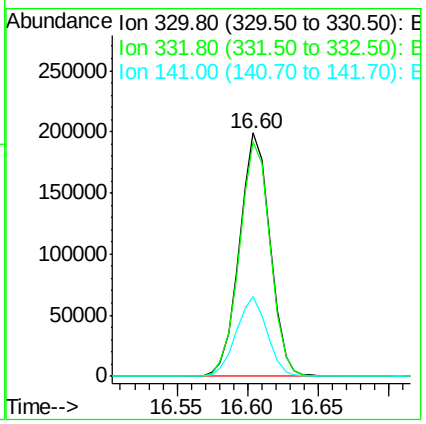


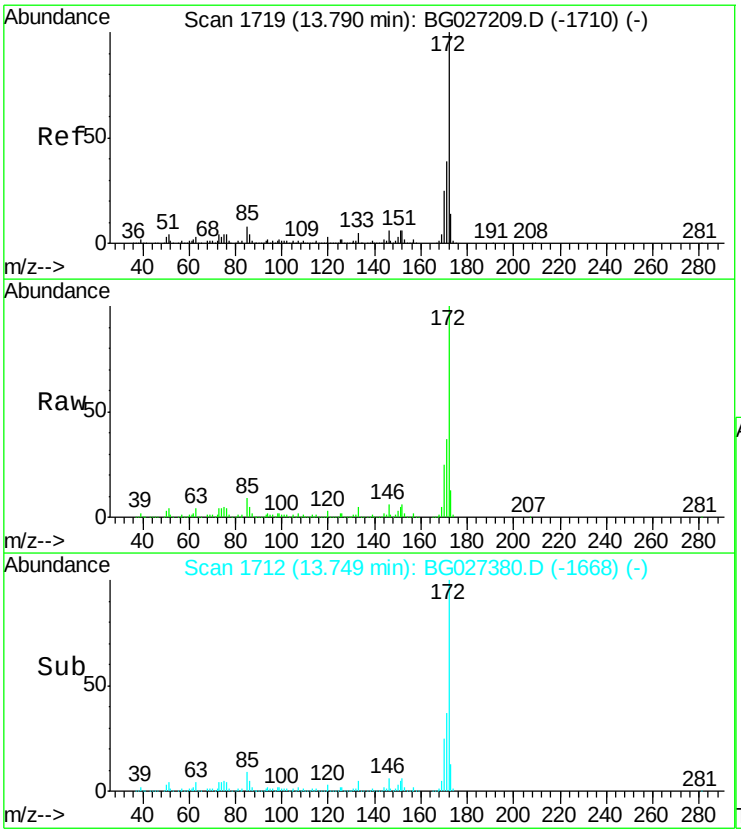
#41
2,4,6-Tribromophenol
Concen: 188.690 ng
RT: 16.60 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Instrument :
BNA_G
ClientSampleId :
DUCT-BANK

Tgt Ion:330 Resp: 302591

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	33.0	32.1	48.1

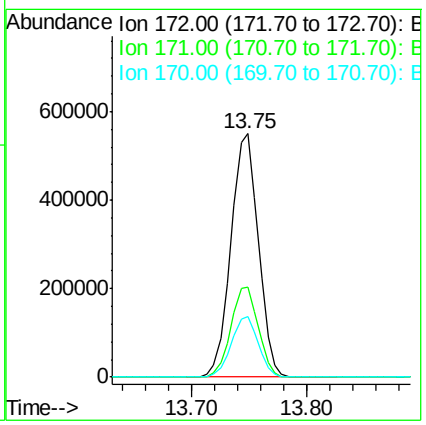


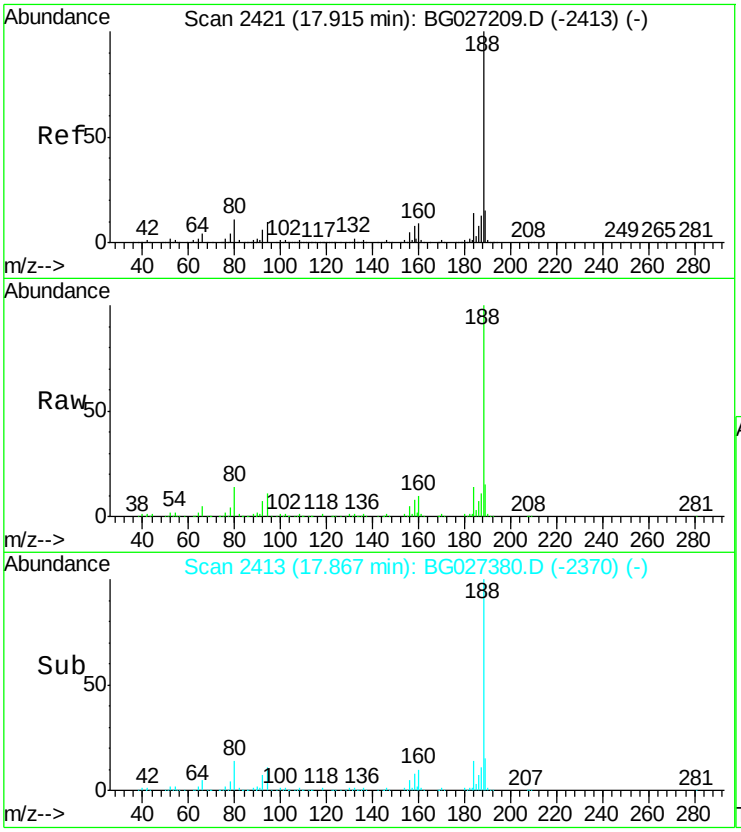


#44
2-Fluorobiphenyl
Concen: 103.513 ng
RT: 13.75 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Tgt Ion:172 Resp: 901080

Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.8	21.8	32.6



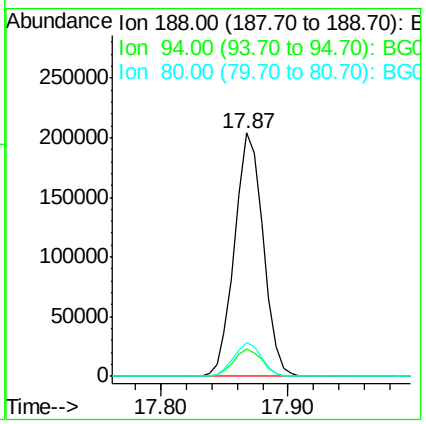


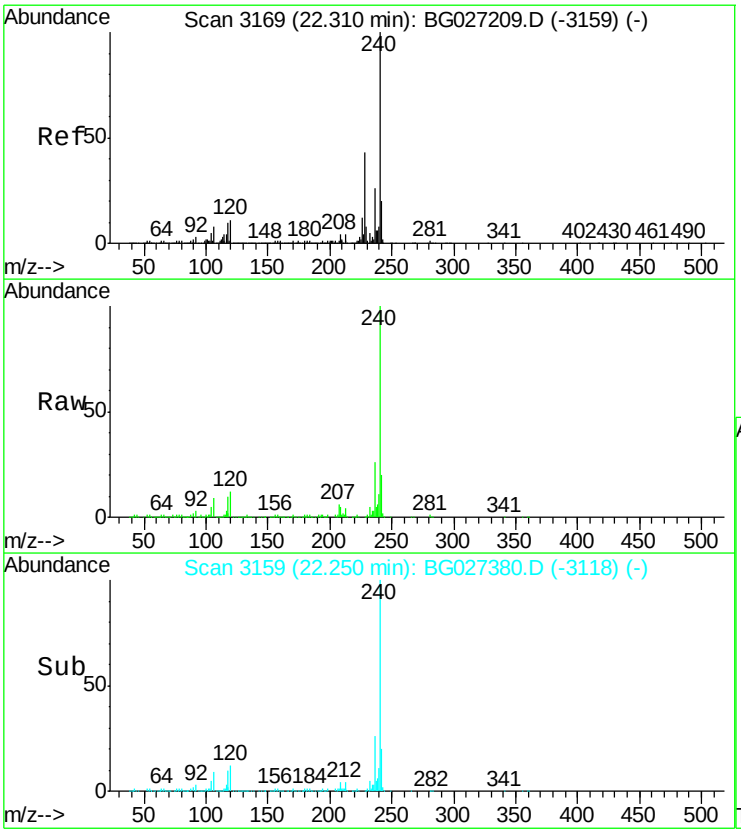
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.87 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Instrument :
BNA_G
ClientSampleId :
DUCT-BANK

Tgt Ion:188 Resp: 318998

Ion	Ratio	Lower	Upper
188	100		
94	11.4	5.8	8.8#
80	13.8	7.5	11.3#

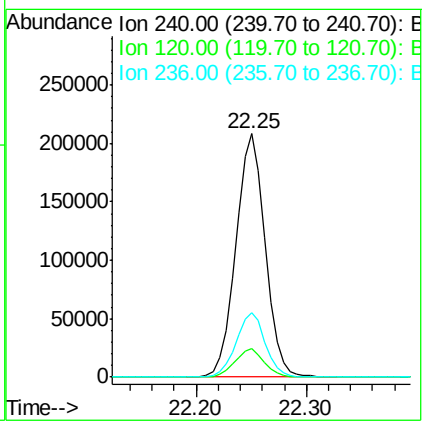


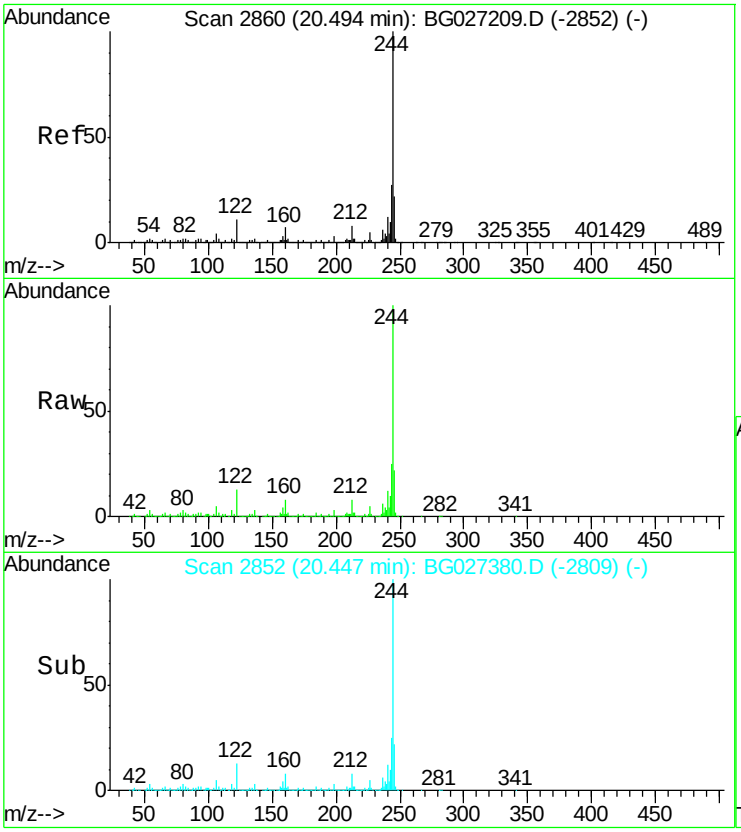


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Tgt Ion:240 Resp: 388590

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.7	8.5#
236	26.5	22.2	33.4



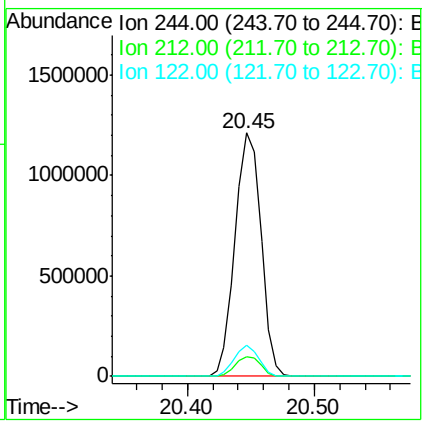


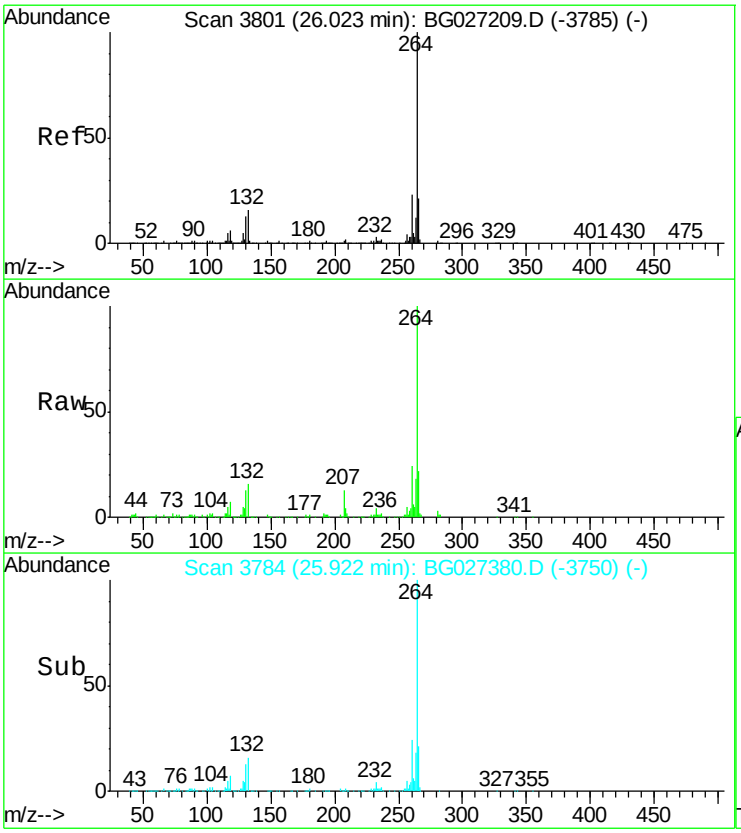
#78
Terphenyl-d14
Concen: 113.094 ng
RT: 20.45 min Scan# 2852
Delta R.T. -0.05 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Instrument :
BNA_G
ClientSampleId :
DUCT-BANK

Tgt Ion:244 Resp: 1722736

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	12.6	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.92 min Scan# 3784
Delta R.T. -0.10 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Tgt Ion:264 Resp: 318854

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.7	18.2	27.4