Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
Data File : BG027328.D
Acq On : 8 Jun 2017 22:16
Operator : SJ/MA
Sample : I3460-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MPE-9

Quant Time: Jun 09 05:50:15 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	8.56	152	42274	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	206221	20.00	ng	-0.03
38) Acenaphthene-d10	15.14	164	136828	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	334666	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	378263	20.00	ng	-0.04
86) Perylene-d12	25.96	264	349480	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	218703	78.95	ng	-0.01
7) Phenol-d6	7.69	99	205538	50.54	ng	-0.01
23) Nitrobenzene-d5	9.72	82	383309	116.89	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	309219	171.62	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	906312	92.66	ng	-0.03
78) Terphenyl-d14	20.47	244	1544187	104.14	ng	-0.03
Target Compounds						Qvalue

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

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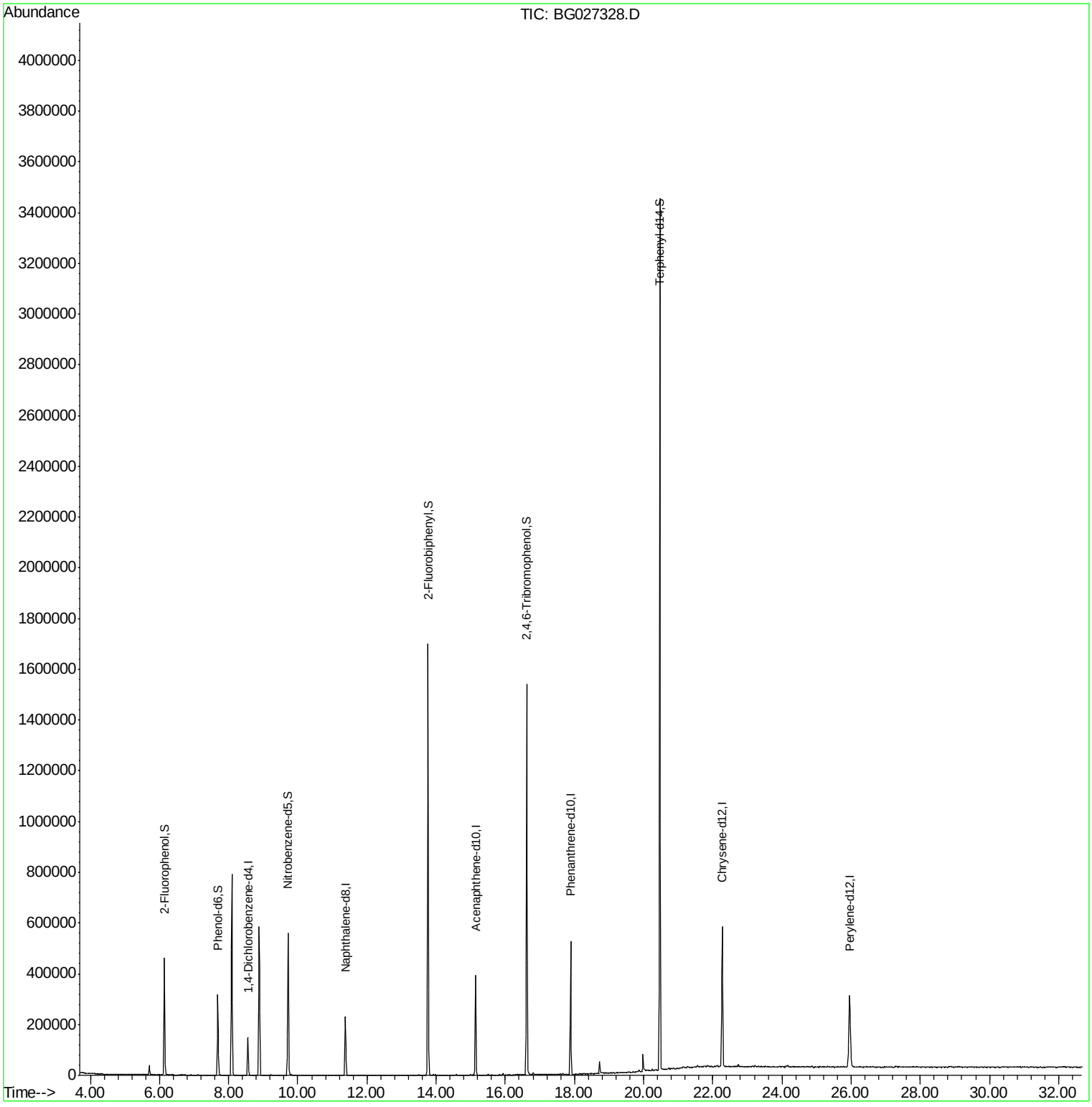
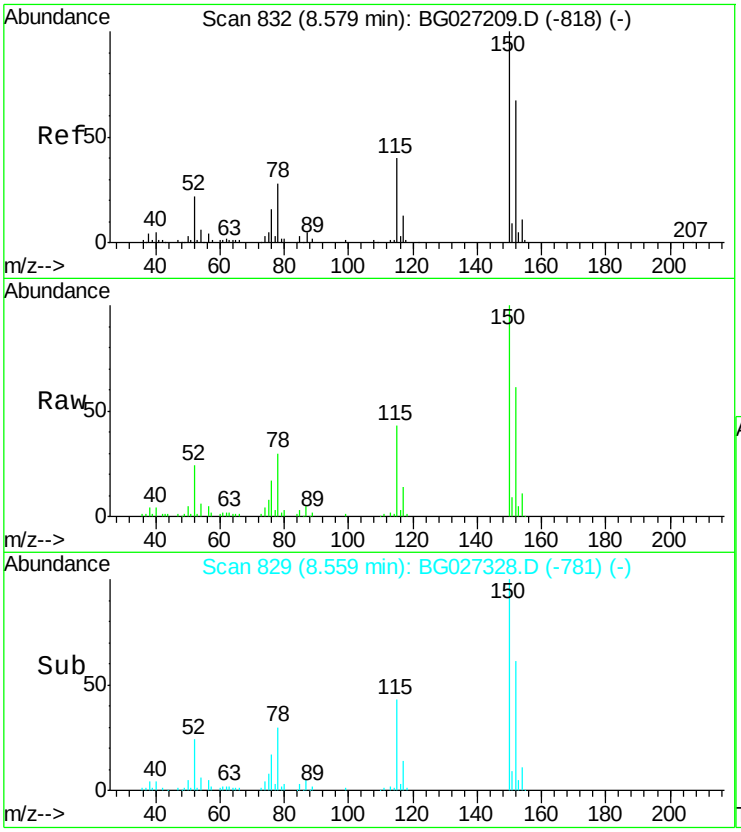


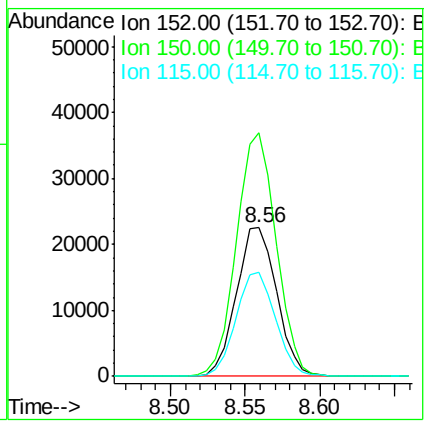


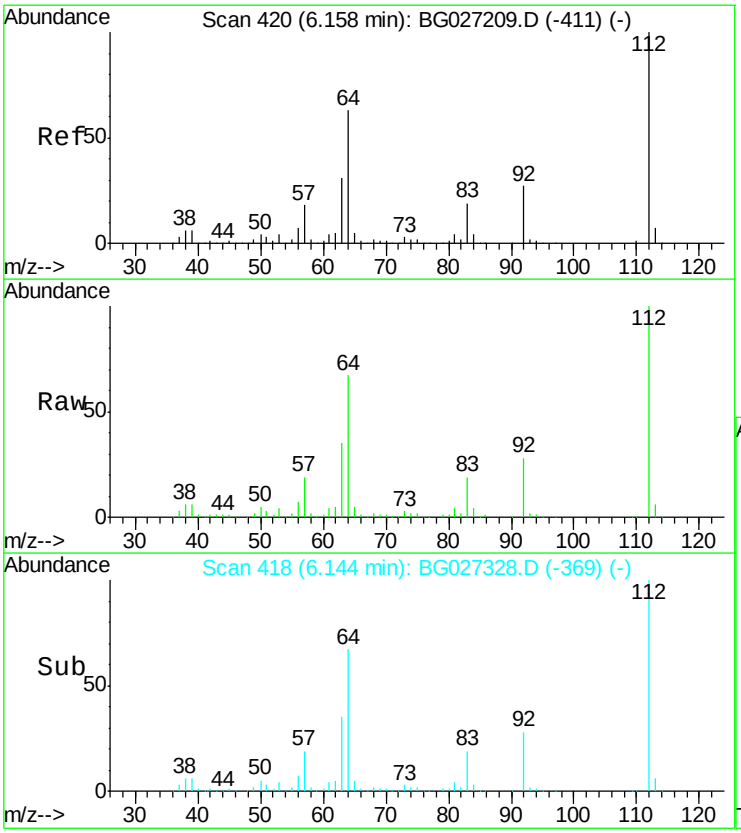
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Instrument :
BNA_G
ClientSampleId :
MPE-9

Tgt Ion:152 Resp: 42274

Ion	Ratio	Lower	Upper
152	100		
150	163.7	114.0	171.0
115	70.2	48.1	72.1

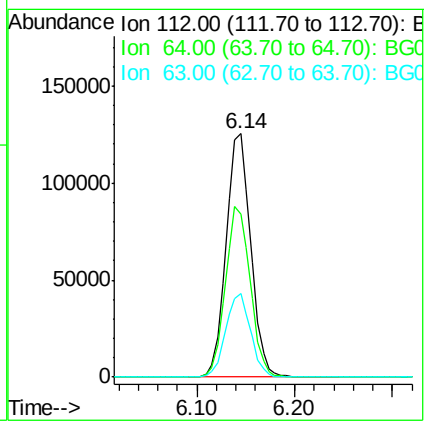


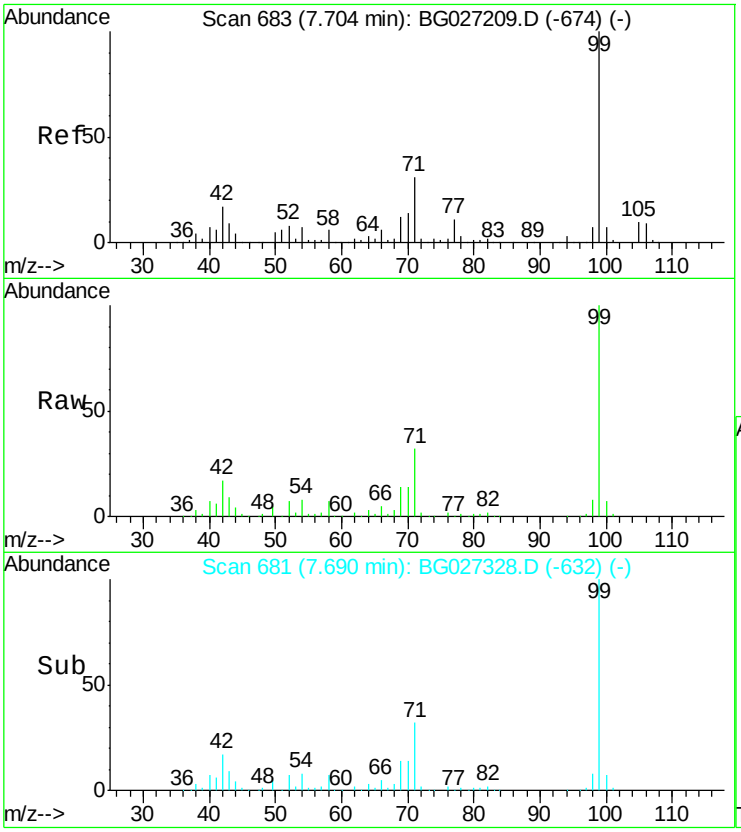


#5
2-Fluorophenol
Concen: 78.945 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Tgt Ion:112 Resp: 218703

Ion	Ratio	Lower	Upper
112	100		
64	66.9	61.8	92.6
63	34.6	37.2	55.8#



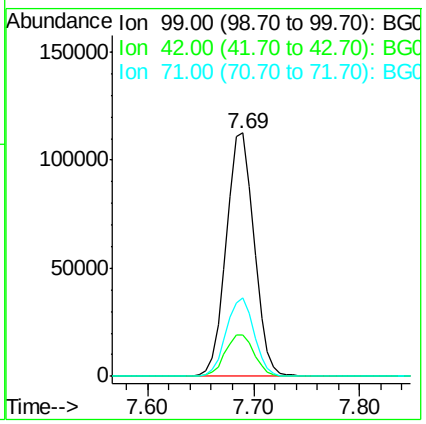


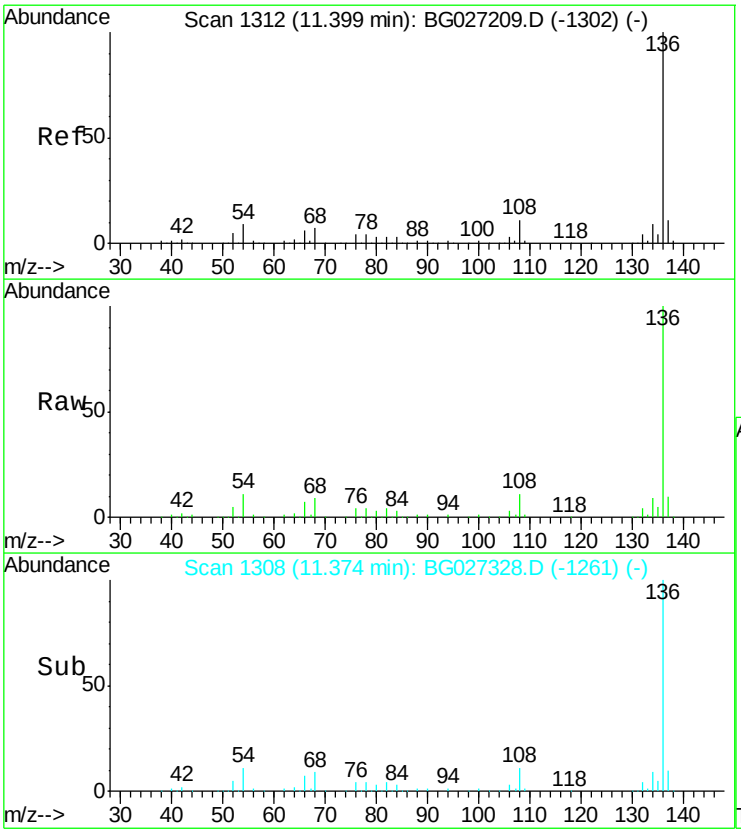
#7
Phenol-d6
Concen: 50.544 ng
RT: 7.69 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Instrument :
BNA_G
ClientSampleId :
MPE-9

Tgt Ion: 99 Resp: 205538

Ion	Ratio	Lower	Upper
99	100		
42	17.1	20.5	30.7#
71	32.1	37.6	56.4#

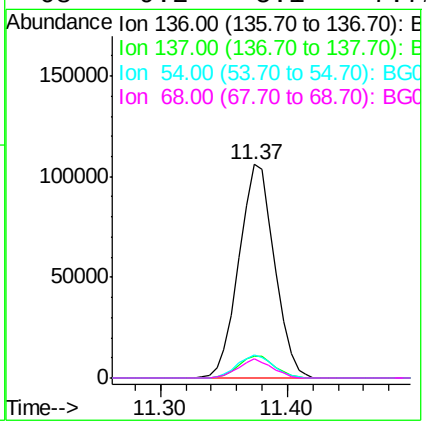


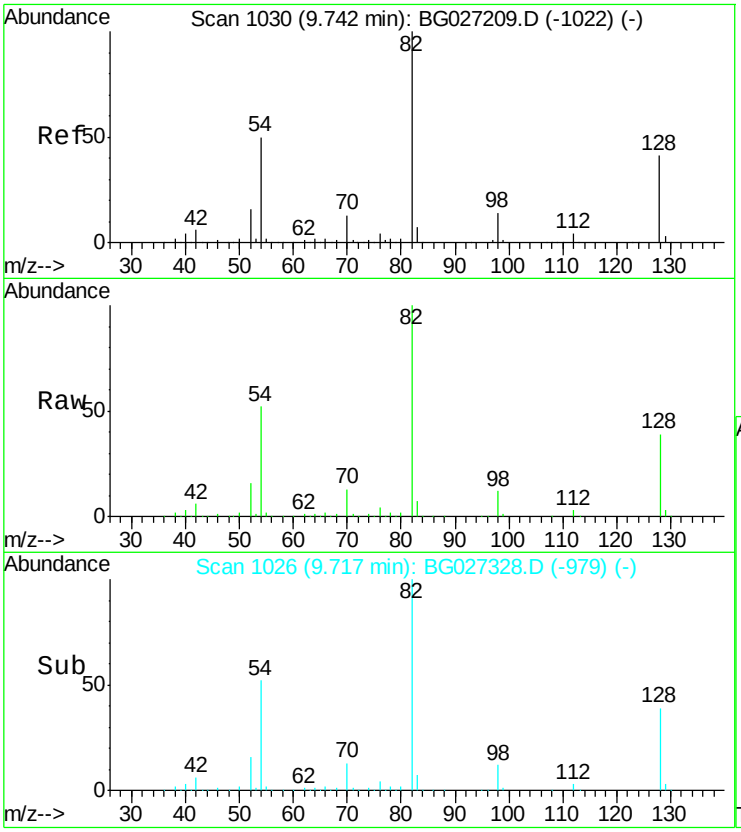


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Tgt Ion:136 Resp: 206221

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.7	9.3	13.9
68	9.2	5.1	7.7#



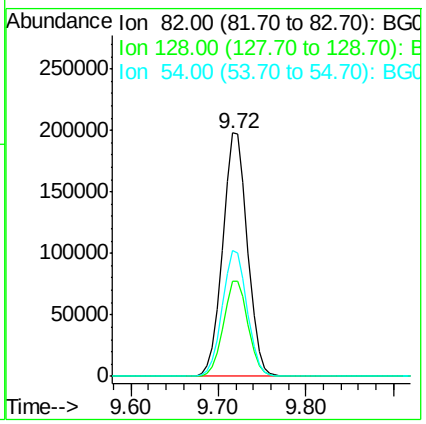


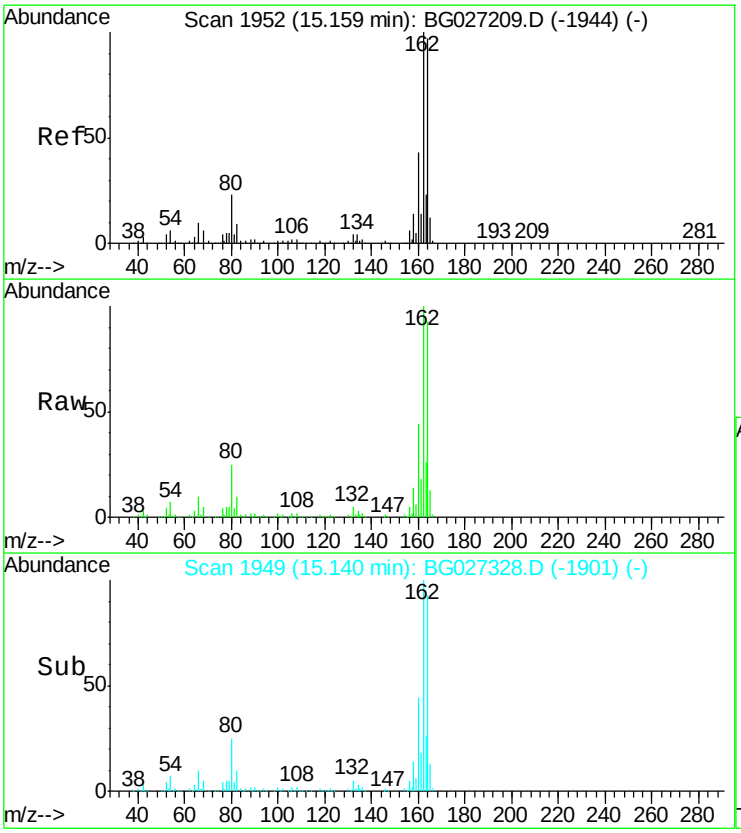
#23
Nitrobenzene-d5
Concen: 116.895 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Instrument :
BNA_G
ClientSampleId :
MPE-9

Tgt Ion: 82 Resp: 383309

Ion	Ratio	Lower	Upper
82	100		
128	39.1	26.4	39.6
54	51.8	49.4	74.2

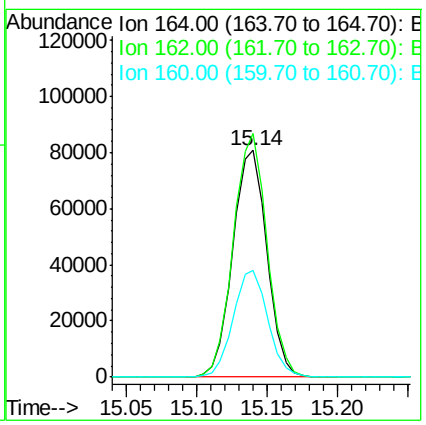


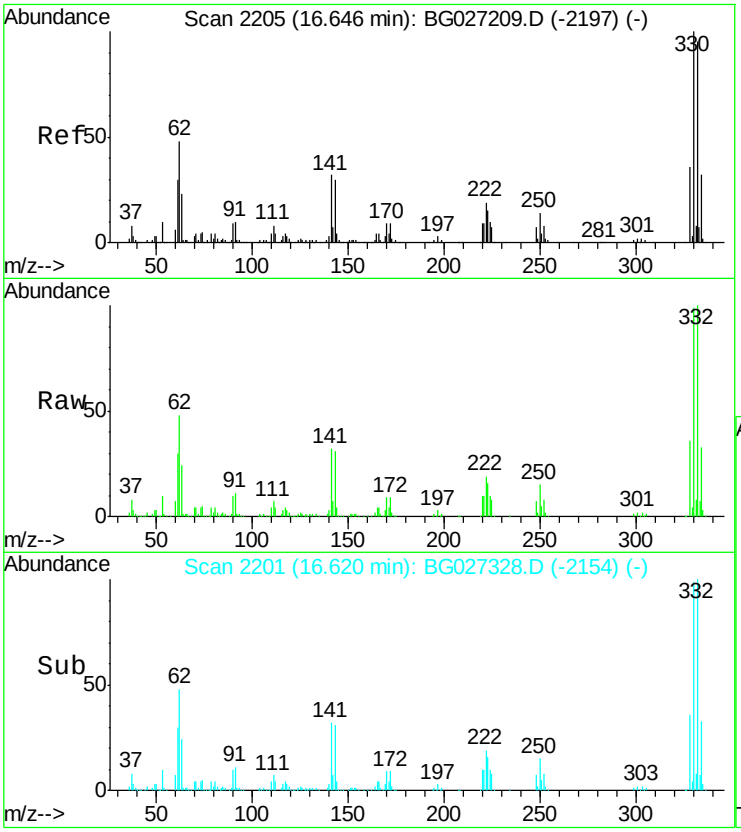


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Tgt Ion:164 Resp: 136828

Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.1	127.7
160	47.4	34.7	52.1



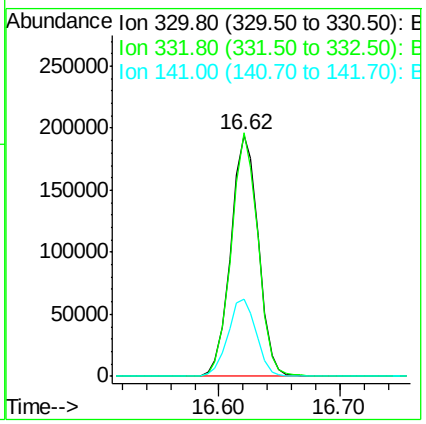


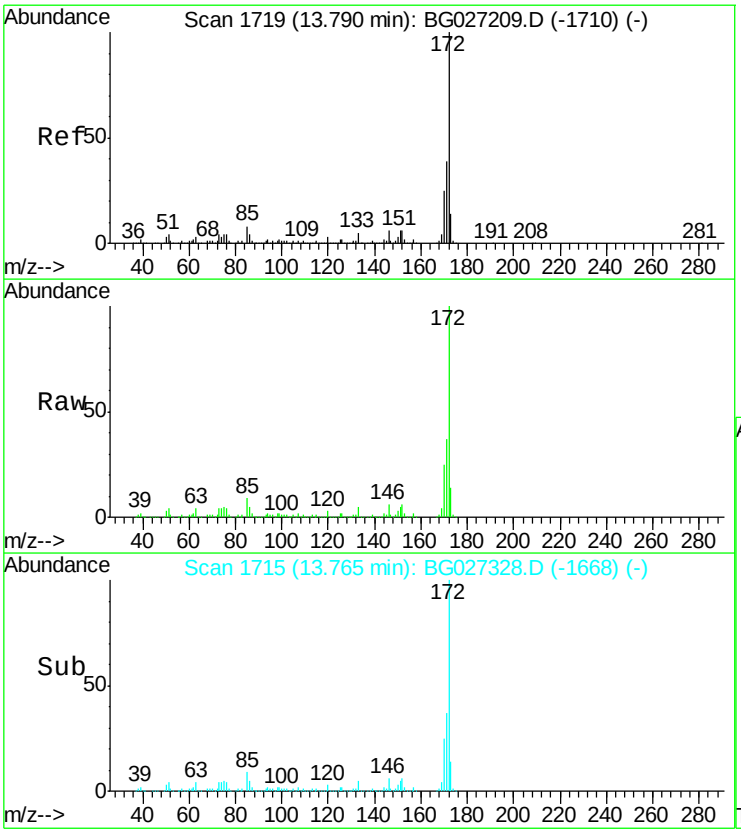
#41
2,4,6-Tribromophenol
Concen: 171.618 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Instrument :
BNA_G
ClientSampleId :
MPE-9

Tgt Ion:330 Resp: 309219

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	33.2	32.1	48.1

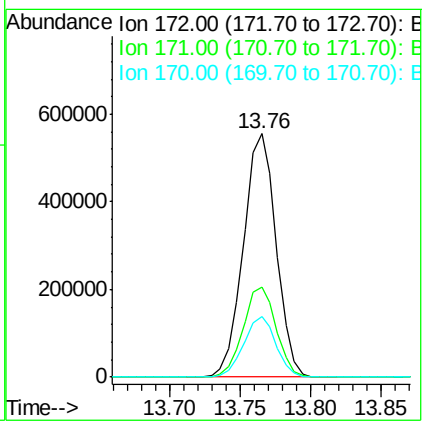


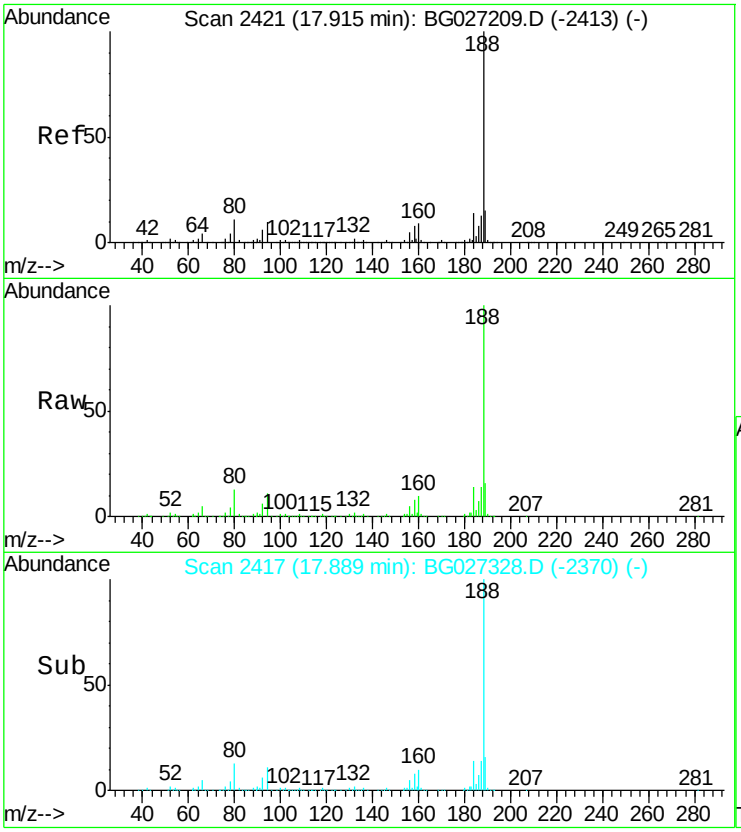


#44
2-Fluorobiphenyl
Concen: 92.664 ng
RT: 13.76 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Tgt Ion:172 Resp: 906312

Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	25.0	21.8	32.6



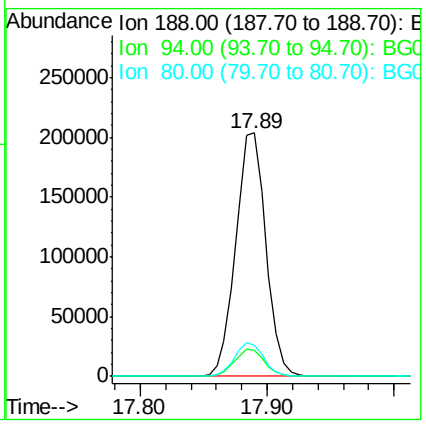


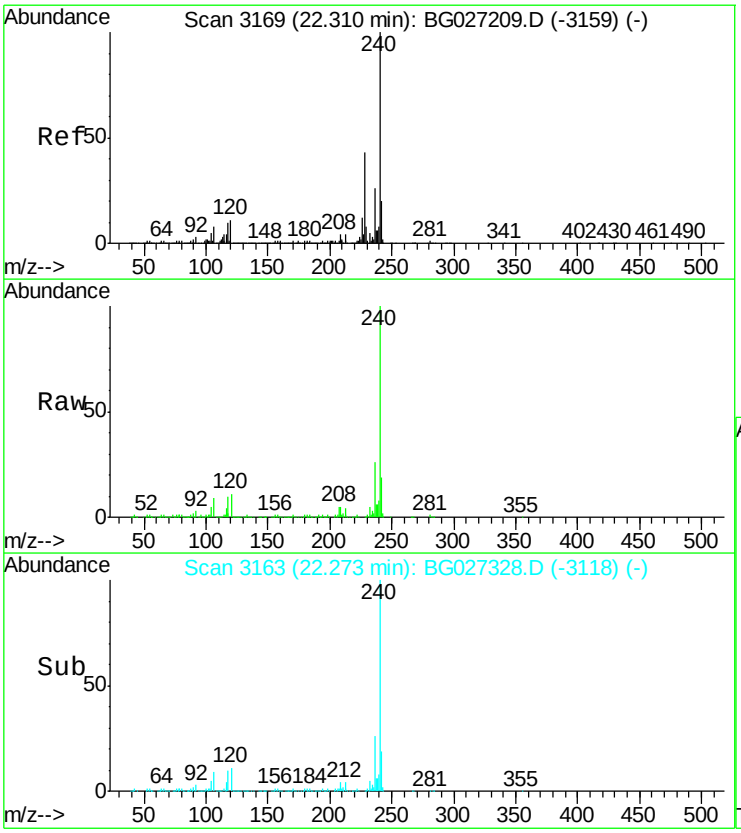
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Instrument :
BNA_G
ClientSampleId :
MPE-9

Tgt Ion:188 Resp: 334666

Ion	Ratio	Lower	Upper
188	100		
94	10.9	5.8	8.8#
80	12.5	7.5	11.3#

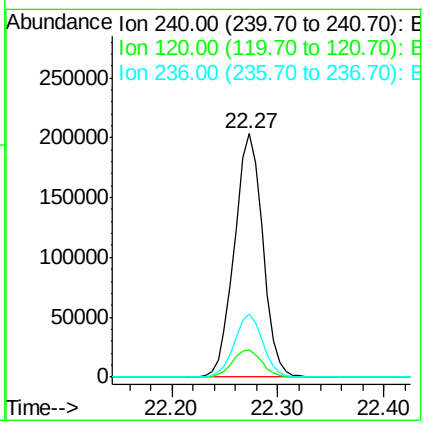


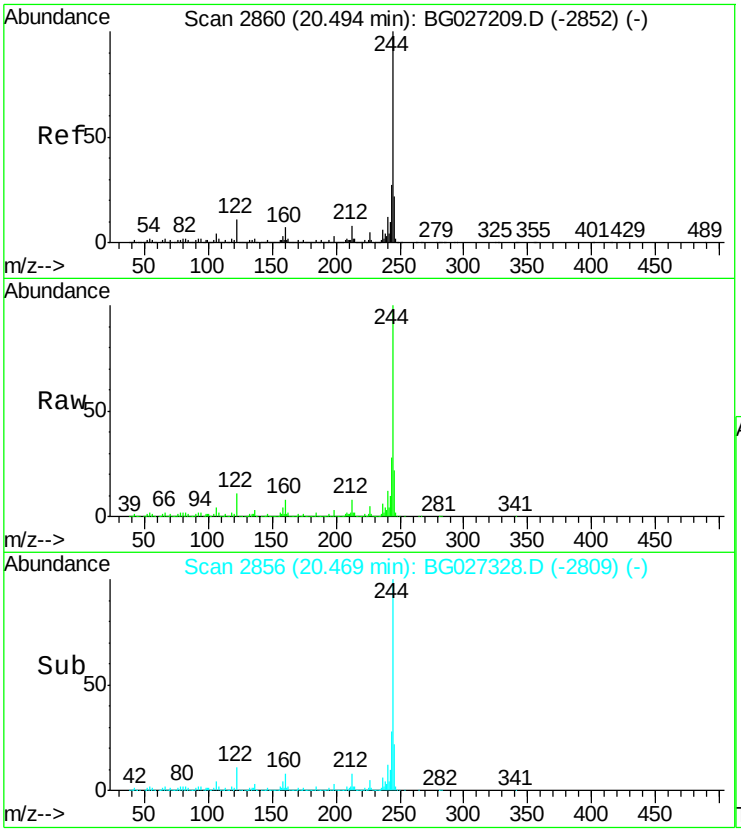


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Tgt Ion:240 Resp: 378263

Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.7	8.5#
236	25.8	22.2	33.4



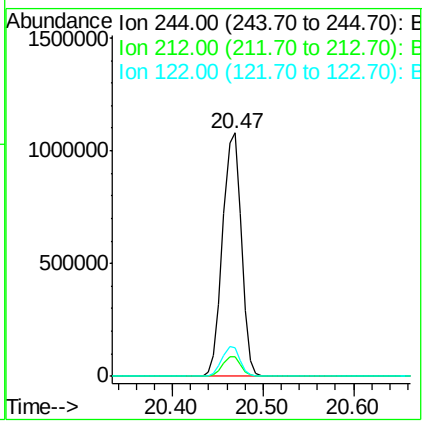


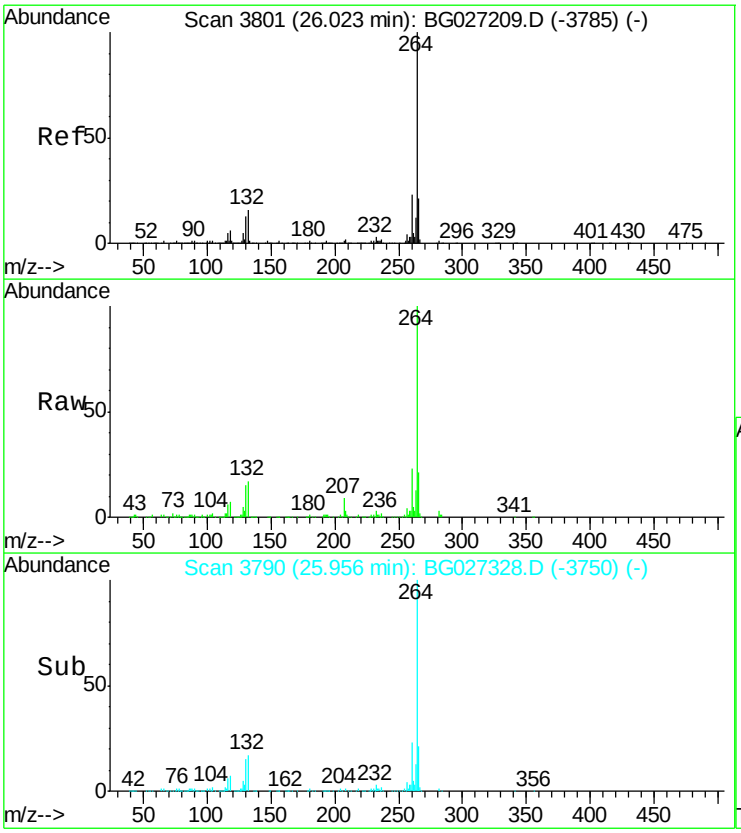
#78
Terphenyl-d14
Concen: 104.140 ng
RT: 20.47 min Scan# 2856
Delta R.T. -0.03 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Instrument :
BNA_G
ClientSampleId :
MPE-9

Tgt Ion:244 Resp: 1544187

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.5	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.96 min Scan# 3790
Delta R.T. -0.07 min
Lab File: BG027328.D
Acq: 8 Jun 2017 22:16

Tgt Ion:264 Resp: 349480

Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	20.9	18.2	27.4