Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027285.D
Acq On : 7 Jun 2017 16:01
Operator : SJ/MA
Sample : I3437-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Quant Time: Jun 07 16:37:06 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	52049	20.00	ng		-0.02
21) Naphthalene-d8	11.38	136	245701	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	165125	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	379352	20.00	ng		-0.03
75) Chrysene-d12	22.28	240	405699	20.00	ng		-0.03
86) Perylene-d12	25.97	264	365752	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	551318	161.63	ng		-0.01
7) Phenol-d6	7.70	99	748419	149.48	ng		0.00
23) Nitrobenzene-d5	9.72	82	460411	117.85	ng		-0.02
41) 2,4,6-Tribromophenol	16.63	330	344317	158.35	ng		-0.02
44) 2-Fluorobiphenyl	13.76	172	1150141	97.44	ng		-0.03
78) Terphenyl-d14	20.47	244	1706841	107.32	ng		-0.03
Target Compounds							Qvalue
31) Naphthalene	11.43	128	191739	14.279	ng		98
37) 2-Methylnaphthalene	13.00	142	33603	3.431	ng	#	93

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

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Misc :
ALS Vial : 32 Sample Multiplier: 1

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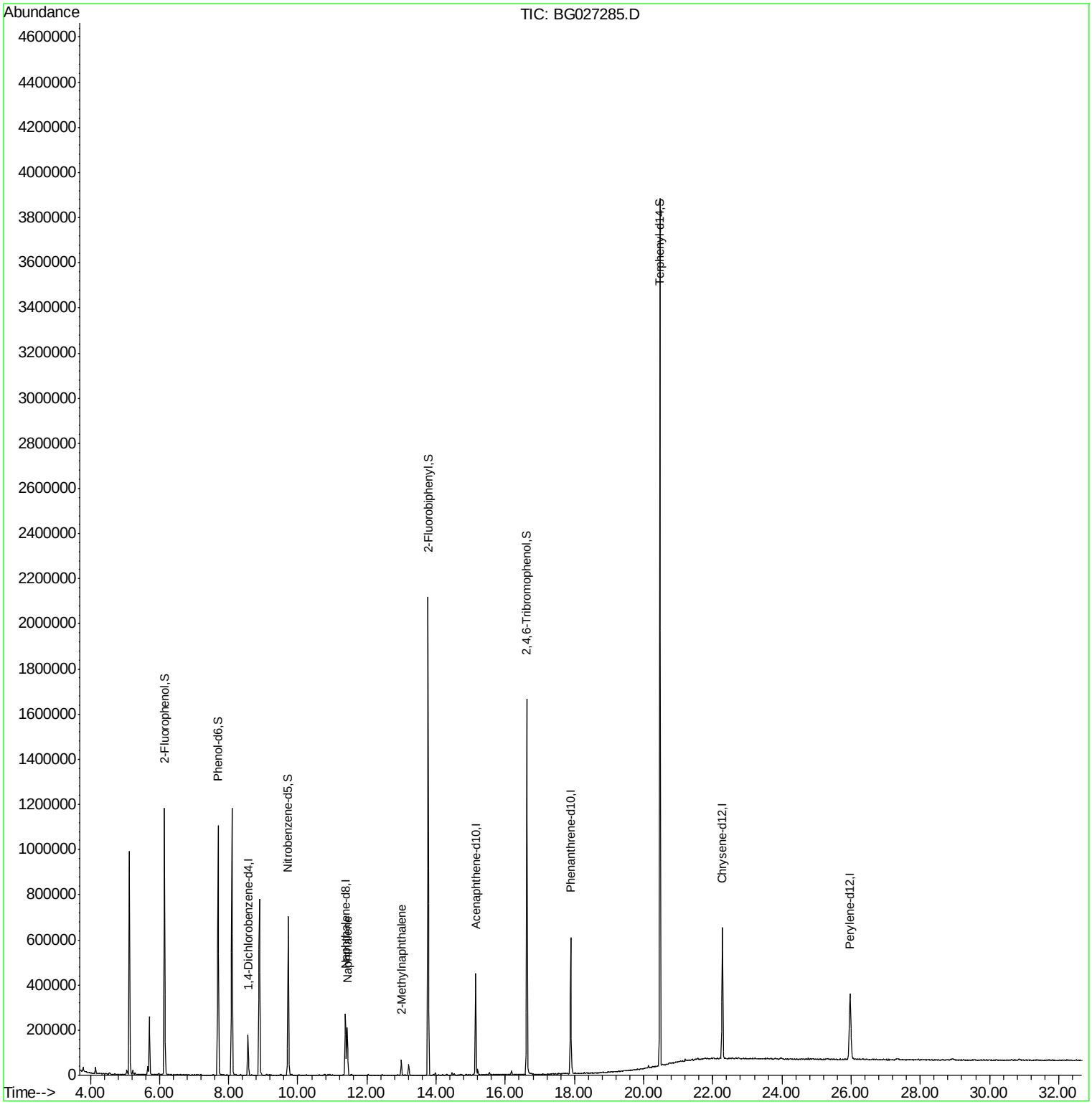
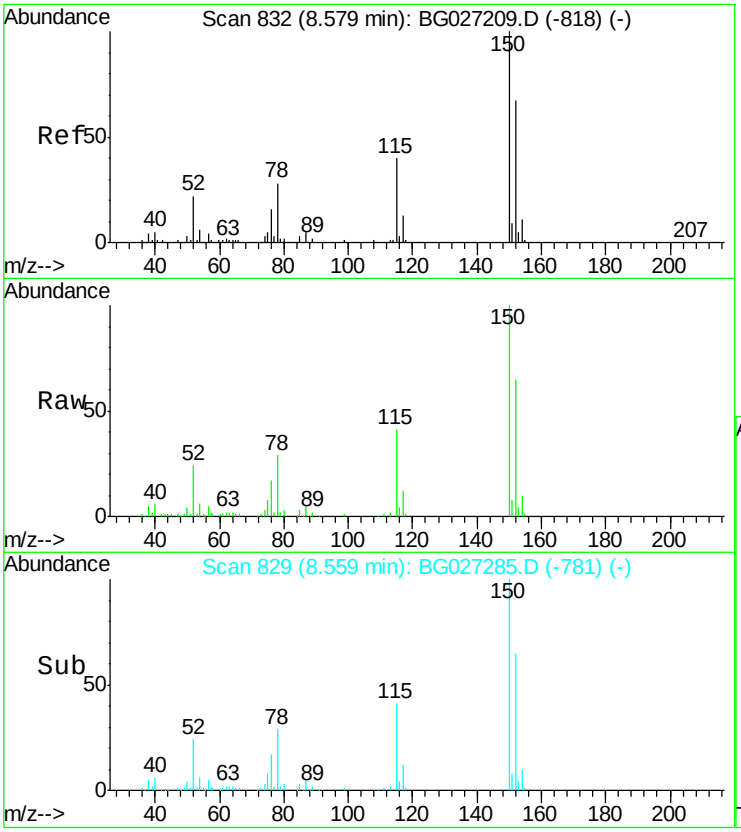


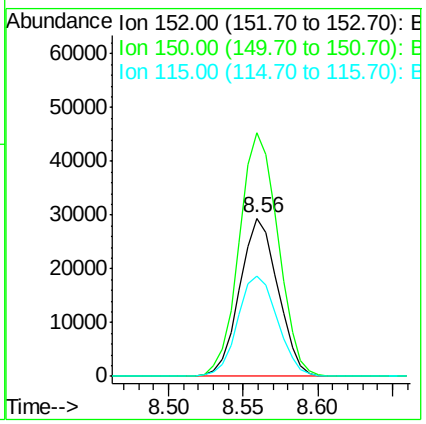


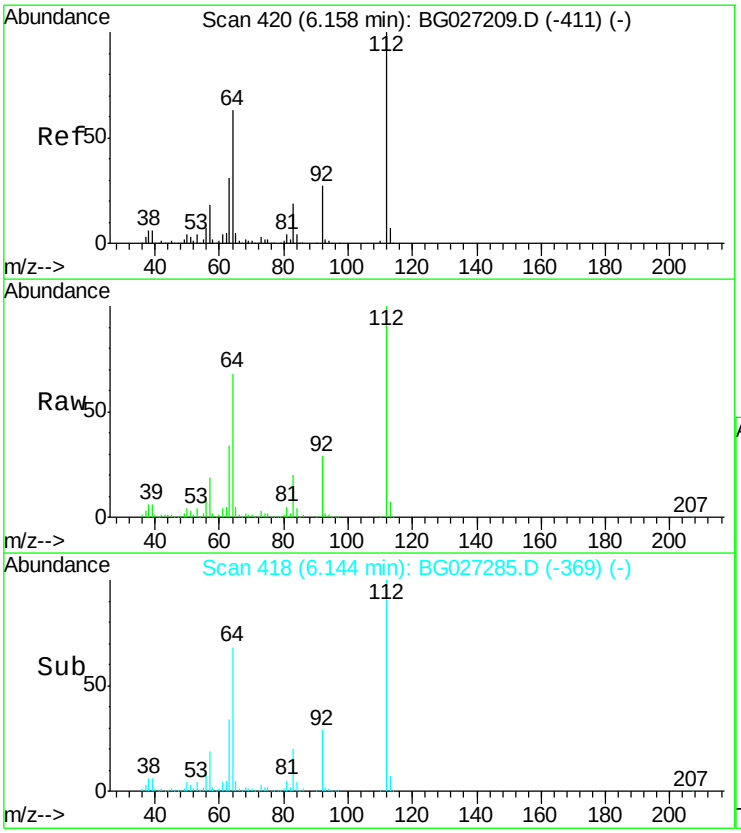
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 52049

Ion	Ratio	Lower	Upper
152	100		
150	154.0	114.0	171.0
115	63.4	48.1	72.1

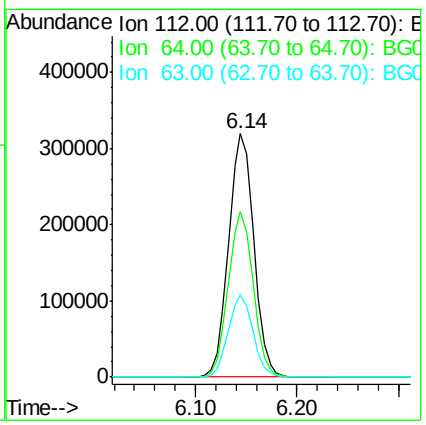


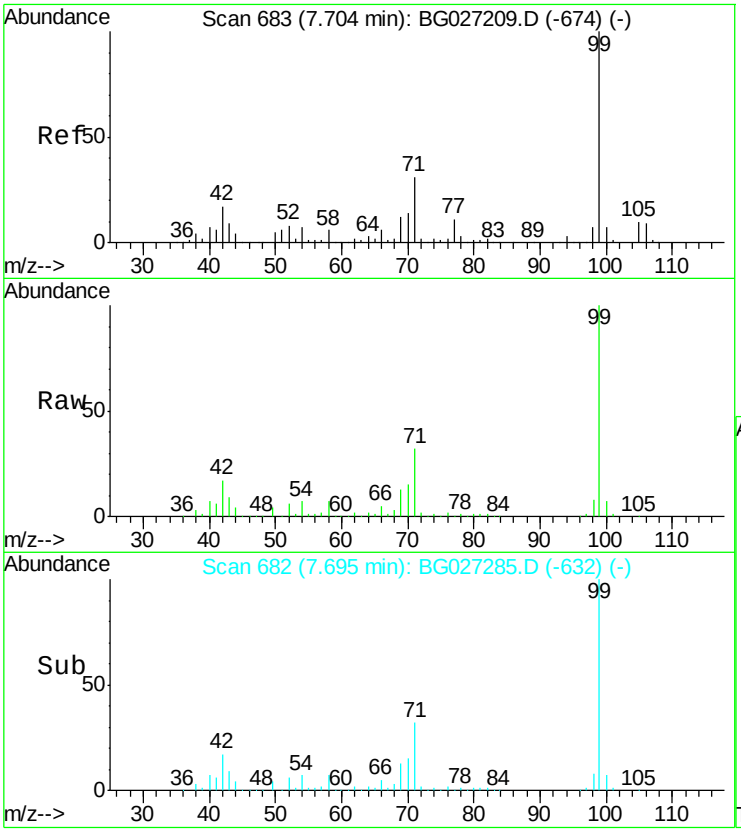


#5
2-Fluorophenol
Concen: 161.635 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Tgt Ion:112 Resp: 551318

Ion	Ratio	Lower	Upper
112	100		
64	67.9	61.8	92.6
63	33.7	37.2	55.8#



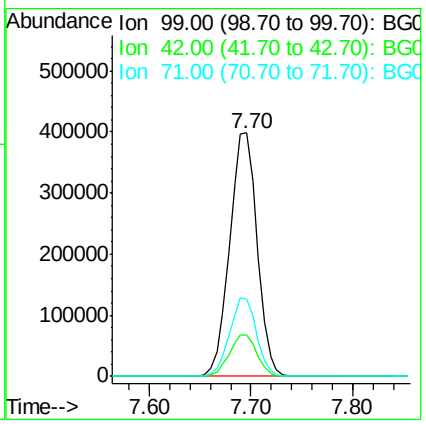


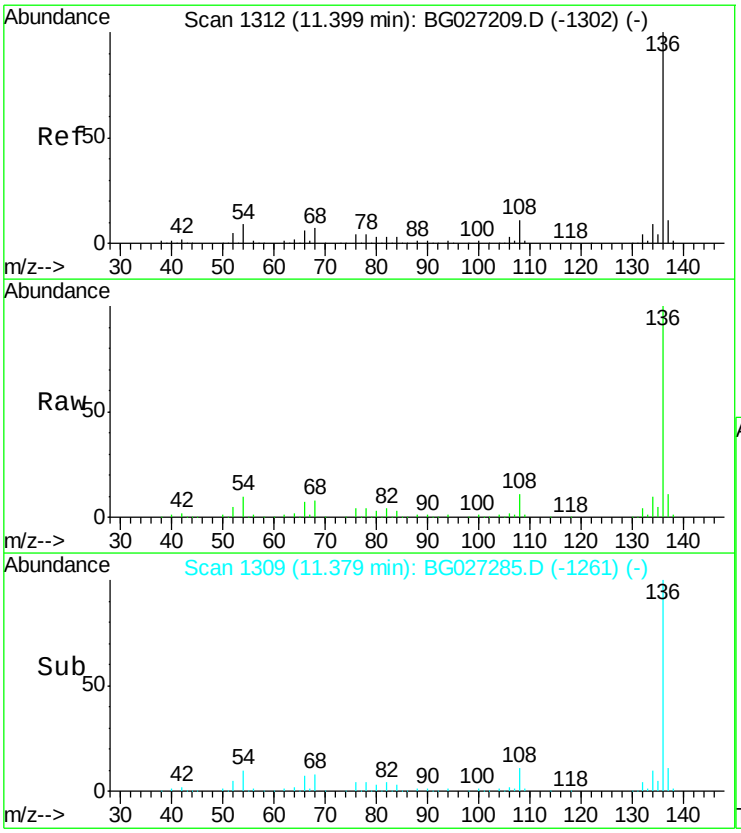
#7
Phenol-d6
Concen: 149.480 ng
RT: 7.70 min Scan# 682
Delta R.T. -0.01 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 748419

Ion	Ratio	Lower	Upper
99	100		
42	17.1	20.5	30.7#
71	31.6	37.6	56.4#

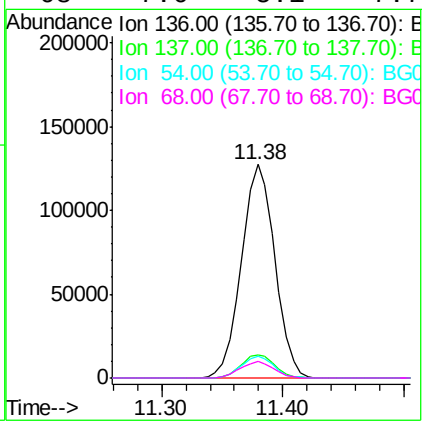


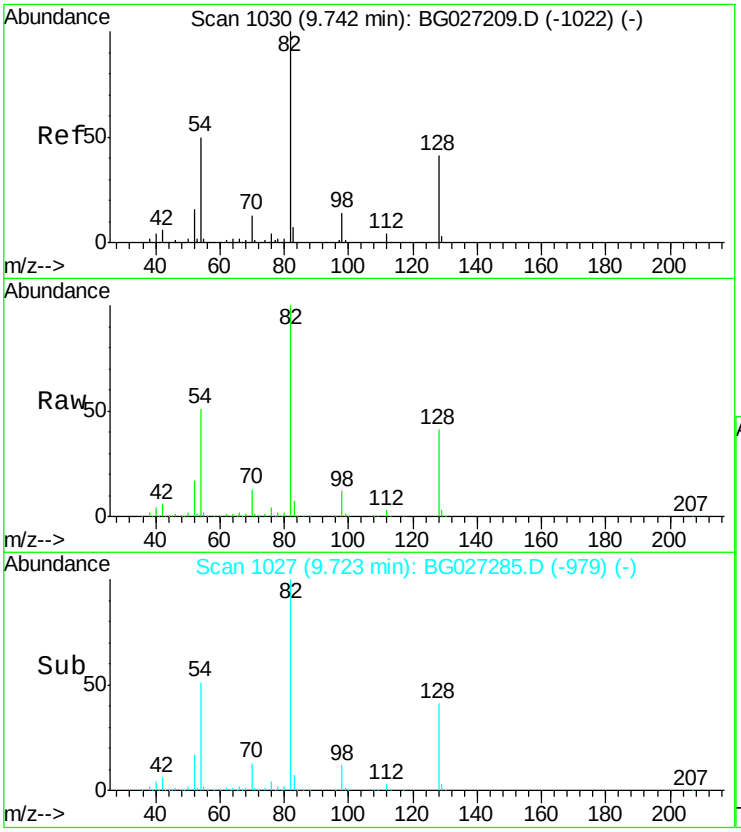


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.38 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Tgt Ion:136 Resp: 245701

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.1	9.3	13.9
68	7.6	5.1	7.7



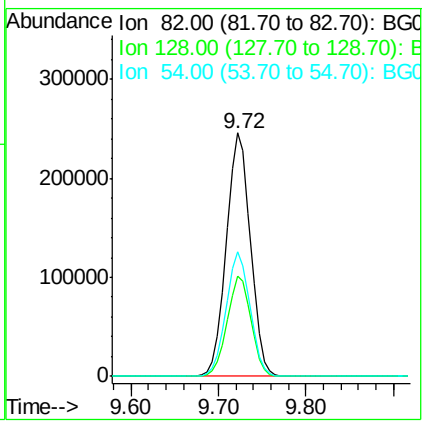


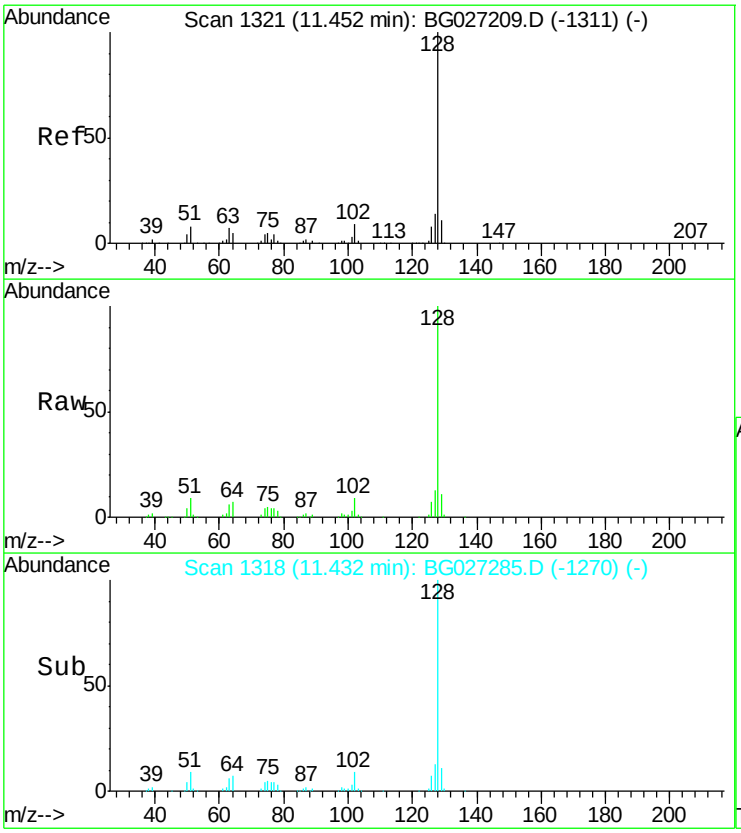
#23
Nitrobenzene-d5
Concen: 117.847 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 460411

Ion	Ratio	Lower	Upper
82	100		
128	41.0	26.4	39.6#
54	51.3	49.4	74.2

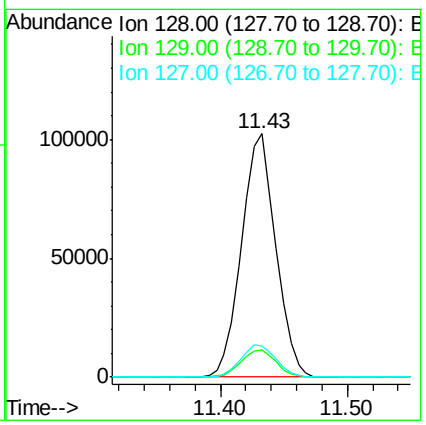


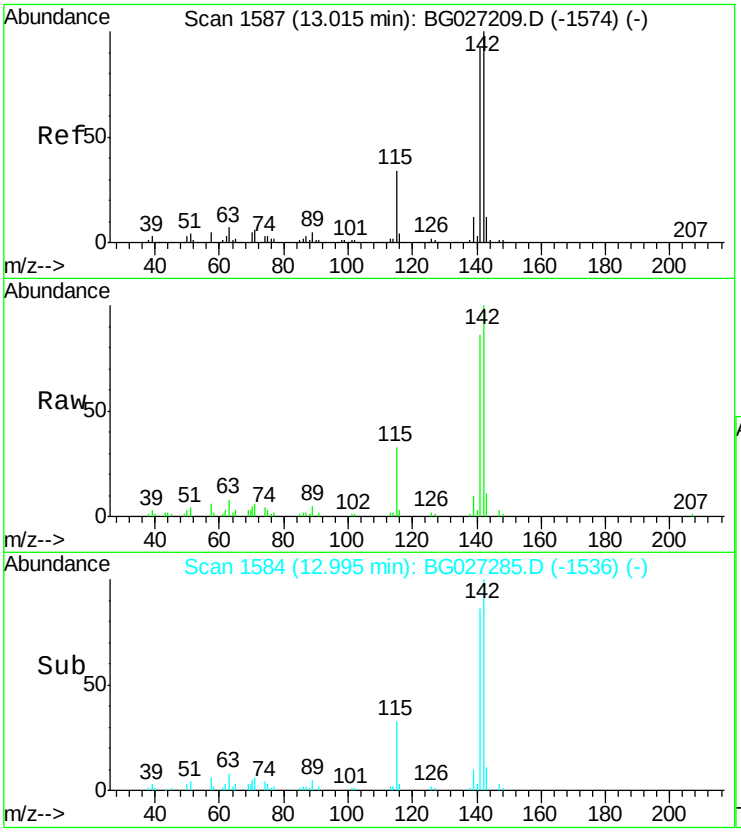


#31
Naphthalene
Concen: 14.279 ng
RT: 11.43 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Tgt Ion:128 Resp: 191739

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	12.9	11.4	17.0



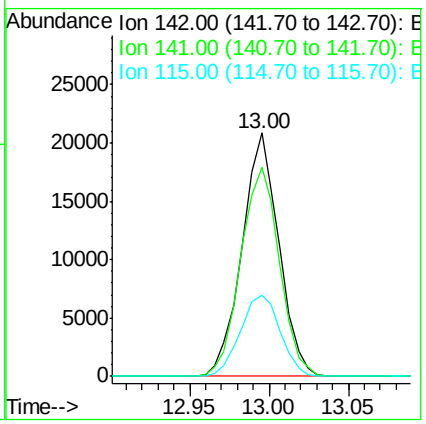


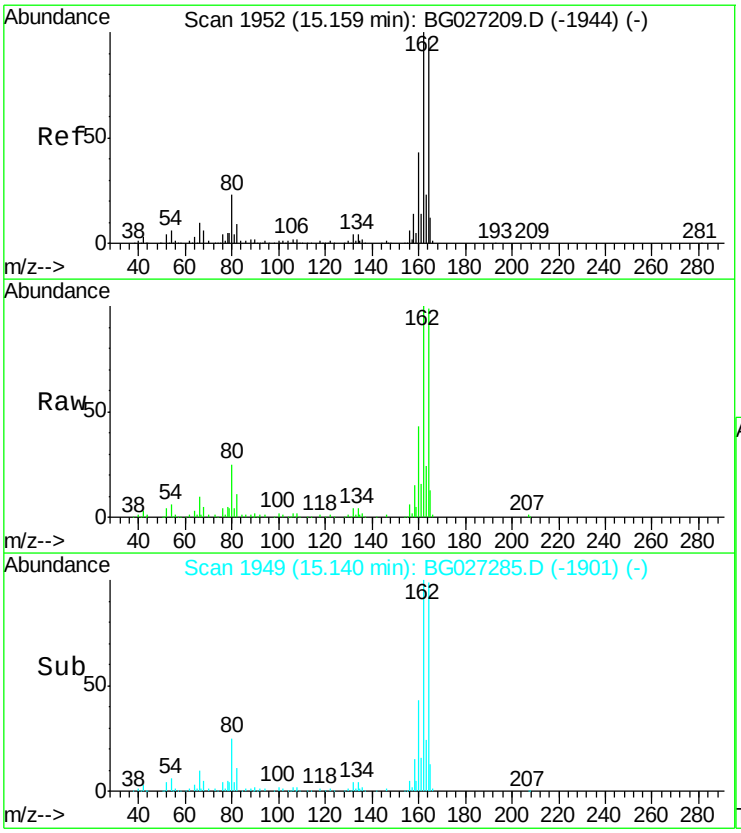
#37
2-Methylnaphthalene
Concen: 3.431 ng
RT: 13.00 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:142 Resp: 33603

Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.4	105.6
115	33.2	35.5	53.3#

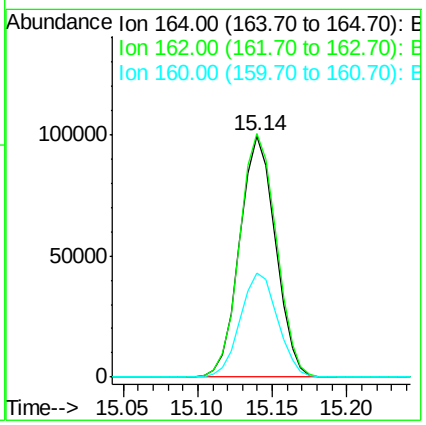


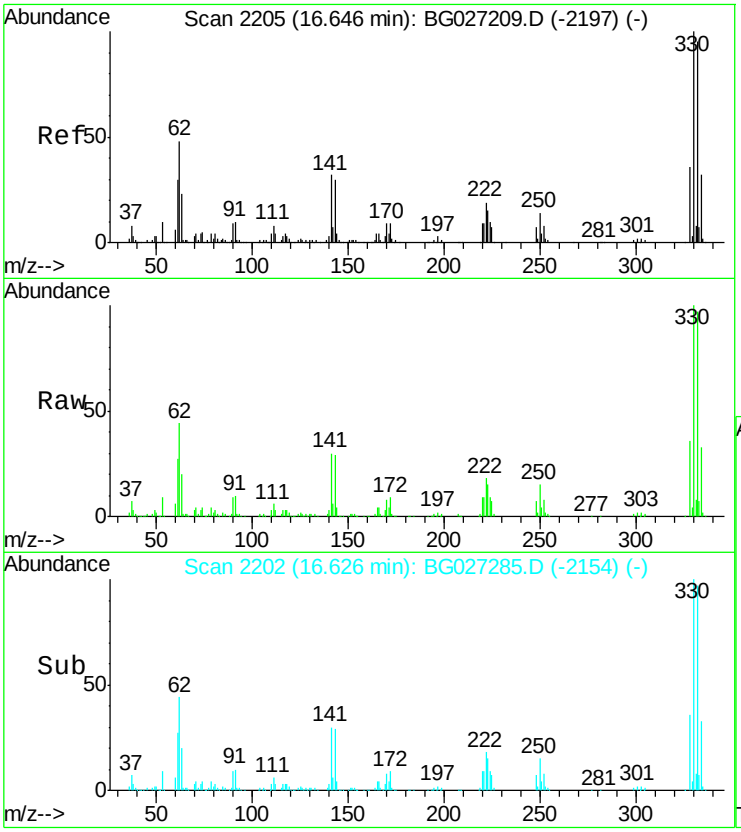


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Tgt Ion:164 Resp: 165125

Ion	Ratio	Lower	Upper
164	100		
162	100.8	85.1	127.7
160	43.0	34.7	52.1



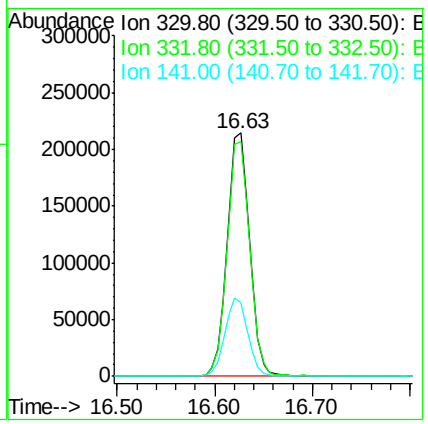


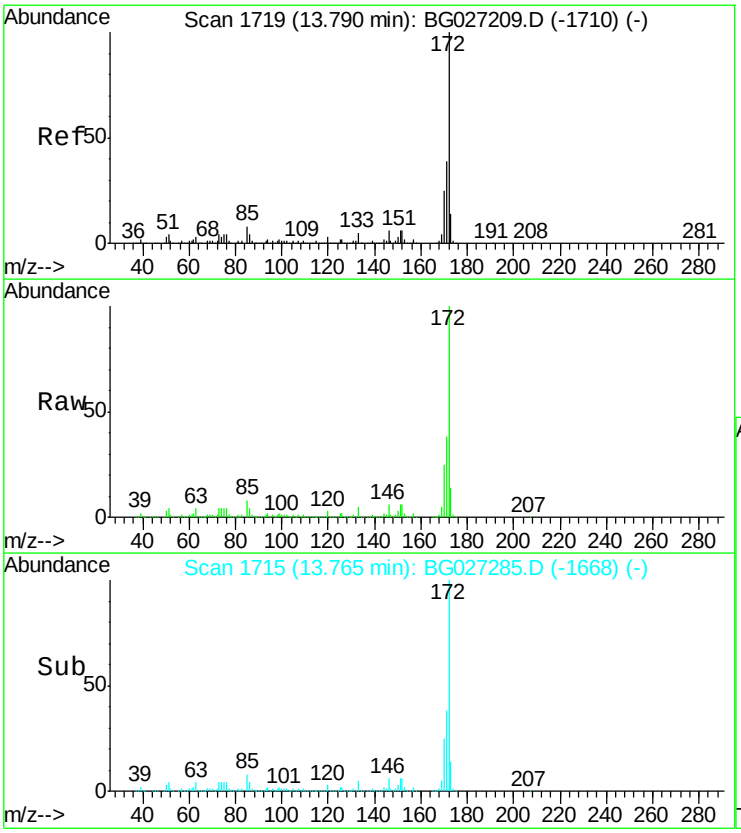
#41
2,4,6-Tribromophenol
Concen: 158.350 ng
RT: 16.63 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:330 Resp: 344317

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	32.8	32.1	48.1

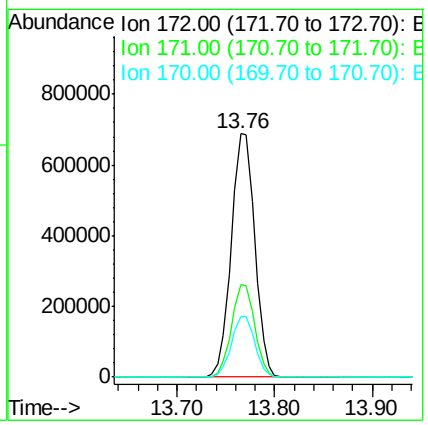


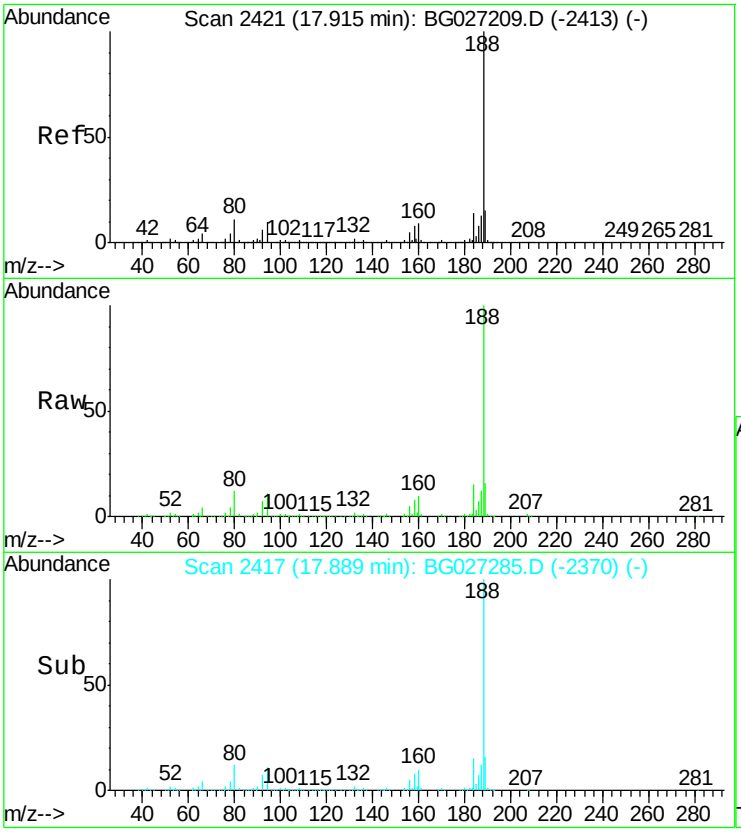


#44
2-Fluorobiphenyl
Concen: 97.443 ng
RT: 13.76 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Tgt Ion:172 Resp: 1150141

Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	25.0	21.8	32.6



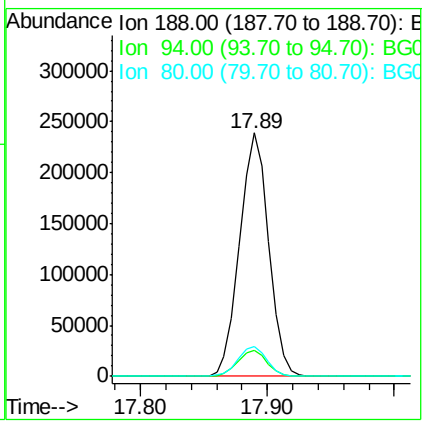


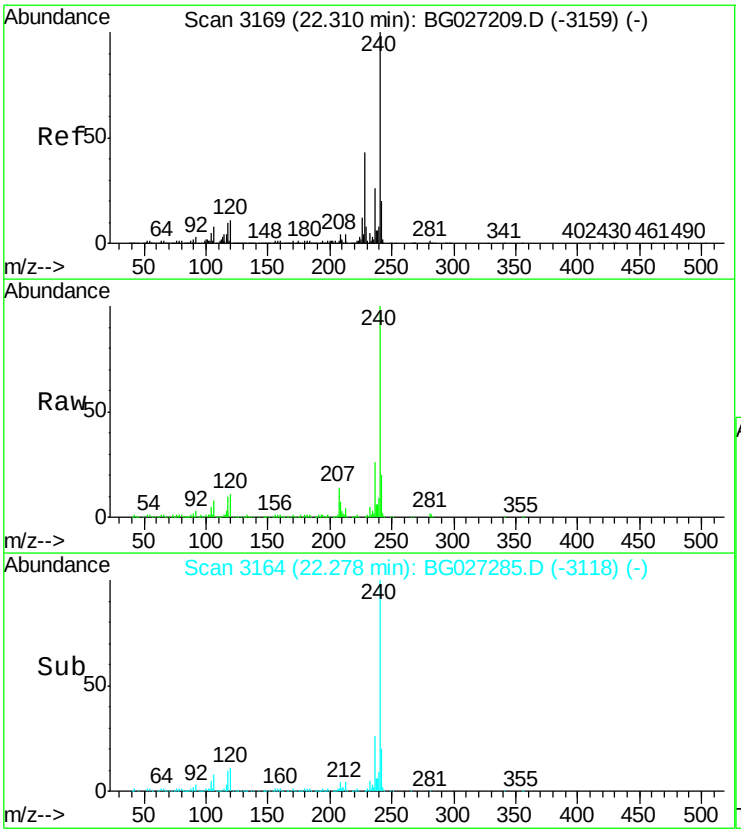
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 379352

Ion	Ratio	Lower	Upper
188	100		
94	10.5	5.8	8.8#
80	12.3	7.5	11.3#

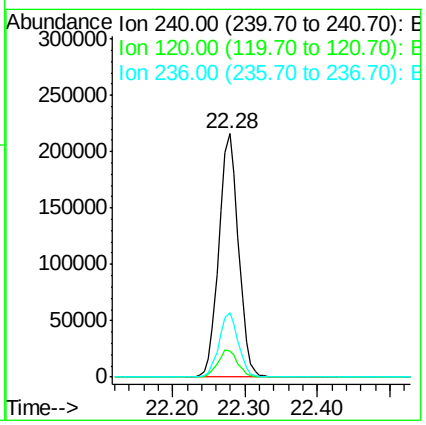


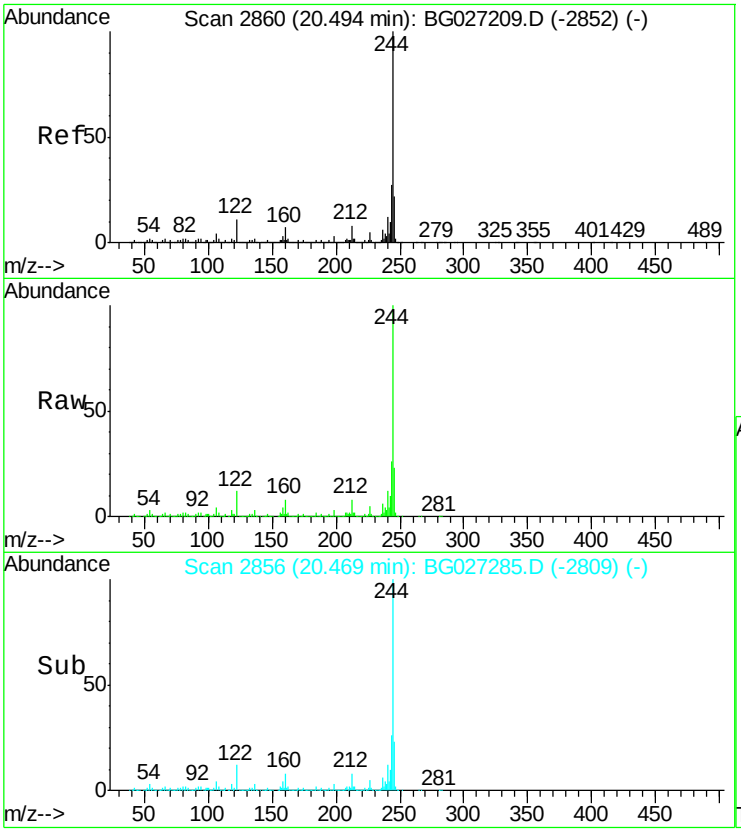


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Tgt Ion:240 Resp: 405699

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.7	8.5#
236	26.3	22.2	33.4



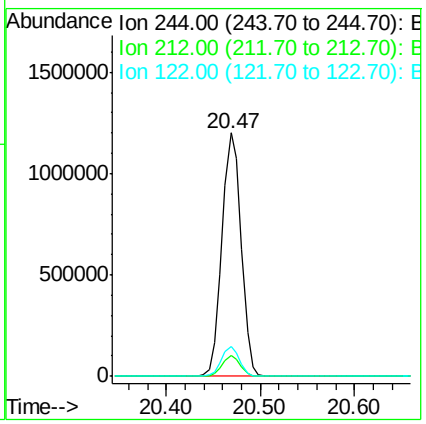


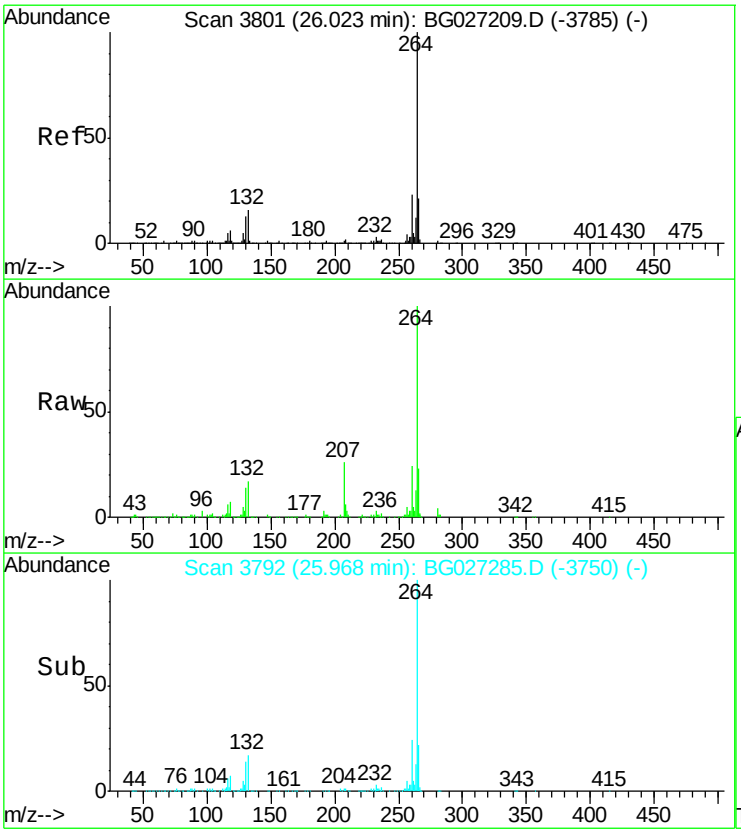
#78
Terphenyl-d14
Concen: 107.325 ng
RT: 20.47 min Scan# 2856
Delta R.T. -0.03 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:244 Resp: 1706841

Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	12.0	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.97 min Scan# 3792
Delta R.T. -0.06 min
Lab File: BG027285.D
Acq: 7 Jun 2017 16:01

Tgt Ion:264 Resp: 365752

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.8	18.2	27.4